

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006912.D
 Acq On : 04 Jan 2019 14:45
 Operator : JC/MD
 Sample : VX0104WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 11:04:18 AM

Quant Time: Jan 04 22:36:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	548229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	805988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	724355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	287330	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	262490	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.71	98	954469	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	340131	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76386	15.231	ug/l	95
3) Chloromethane	1.33	50	90030	16.662	ug/l	97
4) Vinyl Chloride	1.41	62	91452	16.206	ug/l	99
5) Bromomethane	1.64	94	97232	17.206	ug/l	96
6) Chloroethane	1.71	64	63303	16.201	ug/l	99
7) Trichlorofluoromethane	1.93	101	158695	18.037	ug/l	98
8) Diethyl Ether	2.19	74	63341	18.126	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97021	18.781	ug/l	99
10) Methyl Iodide	2.51	142	103340	13.975	ug/l	100
11) Tert butyl alcohol	3.07	59	131953	100.068	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84779	17.308	ug/l	96
13) Acrolein	2.29	56	72128	81.083	ug/l	98
14) Allyl chloride	2.73	41	149731	18.160	ug/l	98
15) Acrylonitrile	3.15	53	288250	98.454	ug/l	100
16) Acetone	2.45	43	252892	93.160	ug/l	100
17) Carbon Disulfide	2.57	76	167859	12.949	ug/l	97
18) Methyl Acetate	2.78	43	174844	21.904	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	324086	19.935	ug/l	97
20) Methylene Chloride	2.86	84	99609	17.745	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92335	17.013	ug/l	97
22) Diisopropyl ether	3.87	45	300139	19.898	ug/l	99
23) Vinyl Acetate	3.82	43	1183748	95.944	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162631	18.062	ug/l	99
25) 2-Butanone	4.70	43	364558	95.474	ug/l	98
26) 2,2-Dichloropropane	4.58	77	119406	17.167	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110981	18.534	ug/l	99
28) Bromochloromethane	5.02	49	77404	19.253	ug/l	98
29) Tetrahydrofuran	5.15	42	242070	96.253	ug/l	97
30) Chloroform	5.21	83	176478	18.927	ug/l	93
31) Cyclohexane	5.57	56	134702	16.467	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145239	18.447	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122482	18.348	ug/l	99
37) Ethyl Acetate	4.85	43	138966	20.001	ug/l	99
38) Carbon Tetrachloride	5.78	117	122317	18.854	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147016	16.728	ug/l	99
40) Benzene	6.14	78	380911	18.772	ug/l	97
41) Methacrylonitrile	5.06	41	79000	21.416	ug/l	97
42) 1,2-Dichloroethane	6.20	62	133100	19.250	ug/l	99
43) Isopropyl Acetate	6.46	43	218624	20.680	ug/l	98
44) Trichloroethene	7.21	130	112119	18.256	ug/l	97
45) 1,2-Dichloropropane	7.51	63	98222	19.892	ug/l	100
46) Dibromomethane	7.66	93	68432	18.841	ug/l	98
47) Bromodichloromethane	7.90	83	117161	19.430	ug/l	98
48) Methyl methacrylate	7.77	41	110938	20.636	ug/l	99
49) 1,4-Dioxane	7.75	88	53217	365.732	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	708698	105.361	ug/l	99
52) Toluene	8.78	92	251608	19.194	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	125783	19.450	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139071	19.598	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109725	20.449	ug/l	99
56) Ethyl methacrylate	9.18	69	152500	20.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	171029	19.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	389997	96.743	ug/l	100
59) 2-Hexanone	9.49	43	524421	101.899	ug/l	98
60) Dibromochloromethane	9.58	129	99241	19.186	ug/l	97
61) 1,2-Dibromoethane	9.67	107	112759	19.769	ug/l	99
64) Tetrachloroethene	9.34	164	112023	19.531	ug/l	98
65) Chlorobenzene	10.14	112	296554	19.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102270	21.390	ug/l	99
67) Ethyl Benzene	10.25	91	485330	19.381	ug/l	98
68) m/p-Xylenes	10.36	106	373477	37.797	ug/l	97
69) o-Xylene	10.70	106	189476	19.419	ug/l	100
70) Styrene	10.71	104	301185	19.511	ug/l	99
71) Bromoform	10.86	173	69905	19.223	ug/l #	99
73) Isopropylbenzene	11.02	105	503998	19.961	ug/l	100
74) N-amyl acetate	10.90	43	193025	21.358	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	156122	20.791	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	142068m	20.713	ug/l	
77) Bromobenzene	11.26	156	136026	19.927	ug/l	99
78) n-propylbenzene	11.36	91	555068	19.963	ug/l	99
79) 2-Chlorotoluene	11.42	91	329885	19.578	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412508	19.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33356	17.779	ug/l	86
82) 4-Chlorotoluene	11.51	91	372206	19.258	ug/l	99
83) tert-Butylbenzene	11.77	119	419342	20.147	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	422298	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	501141	19.638	ug/l	100
86) p-Isopropyltoluene	12.06	119	449753	20.049	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241006	19.590	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242301	19.212	ug/l	98
89) n-Butylbenzene	12.39	91	377015	19.748	ug/l	98
90) Hexachloroethane	12.60	117	61655	19.698	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240360	19.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29402	18.923	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0104WBS01

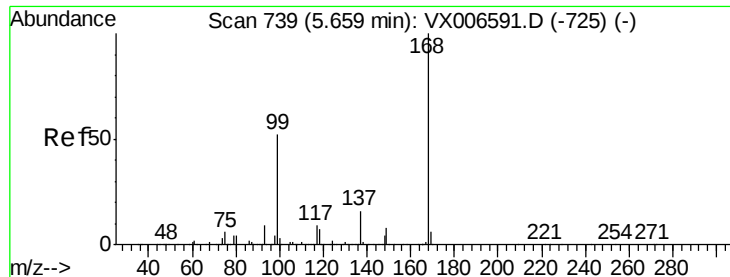
Manual Integrations
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Quant Time: Jan 04 22:36:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166975	19.669	ug/l	98
94) Hexachlorobutadiene	13.78	225	73114	18.273	ug/l	99
95) Naphthalene	13.83	128	507033	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162715	18.564	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion:168 Resp: 548229

Ion Ratio Lower Upper

168 100

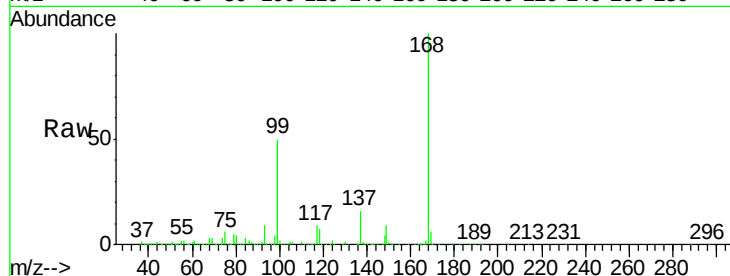
99 49.6 41.8 62.8

Manual Integrations

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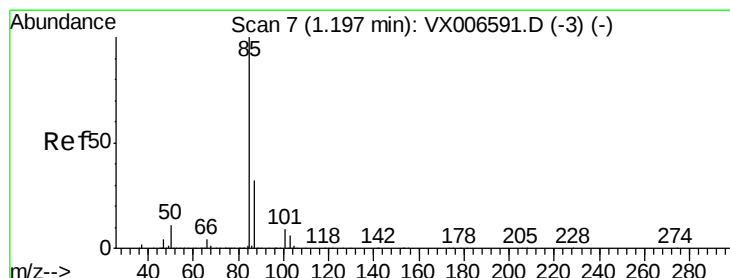
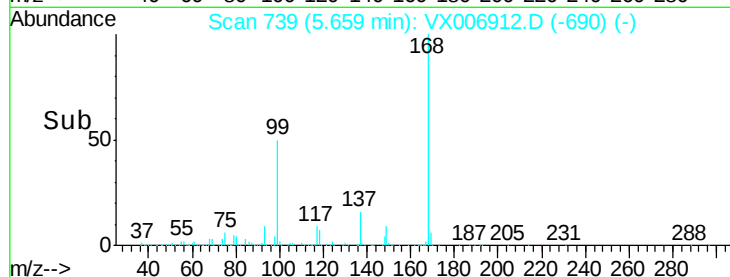
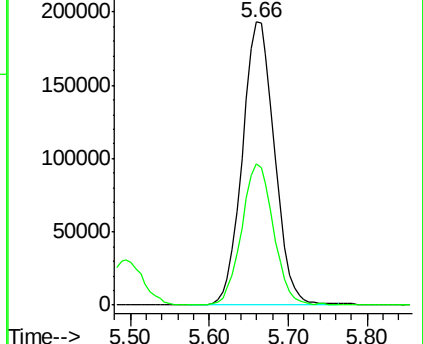
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.231 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006912.D

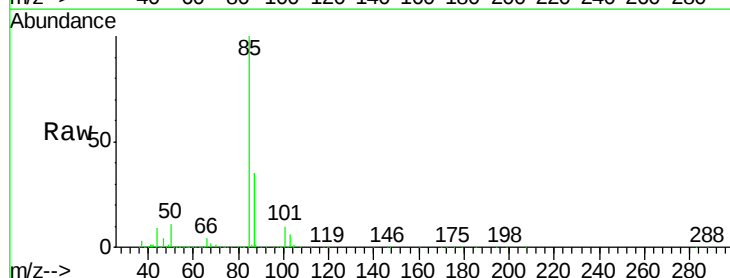
Acq: 04 Jan 2019 14:45

Tgt Ion: 85 Resp: 76386

Ion Ratio Lower Upper

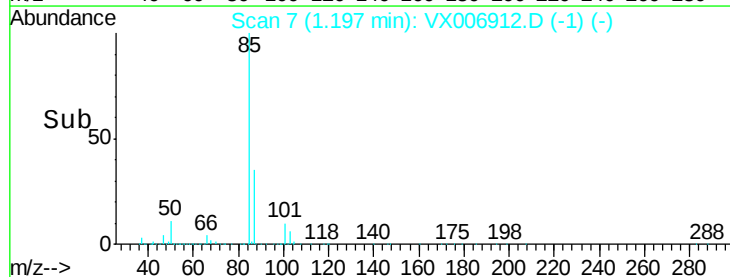
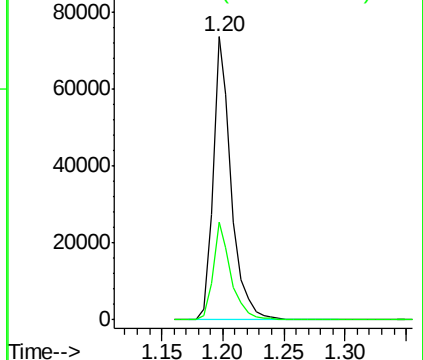
85 100

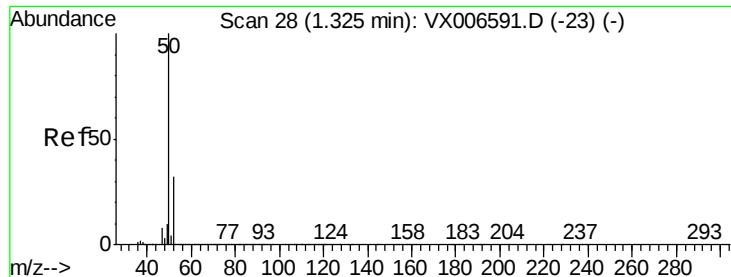
87 34.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





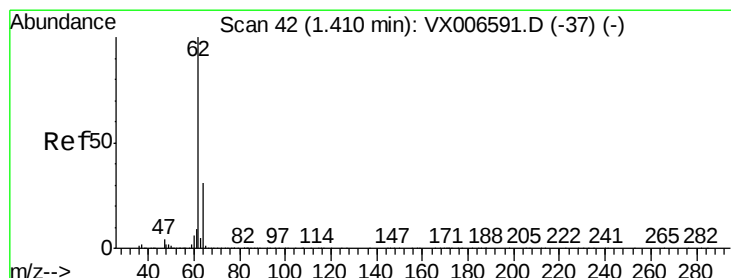
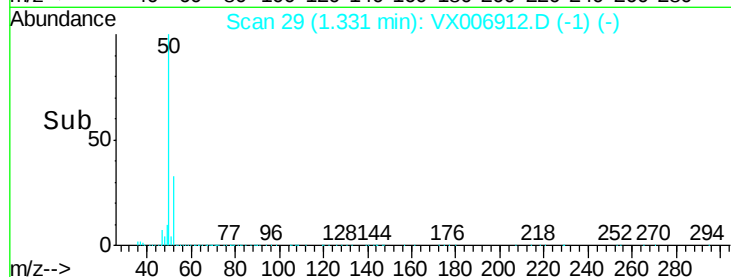
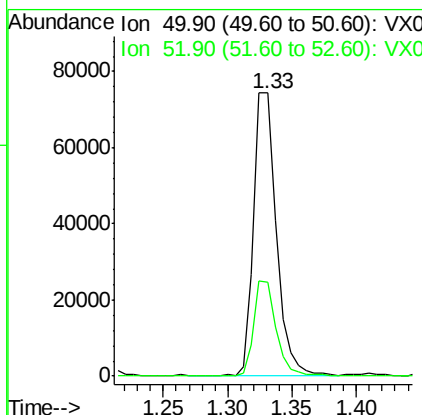
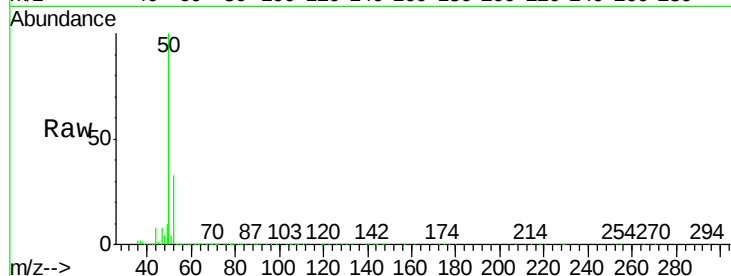
#3
Chloromethane
Concen: 16.662 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.4	38.2

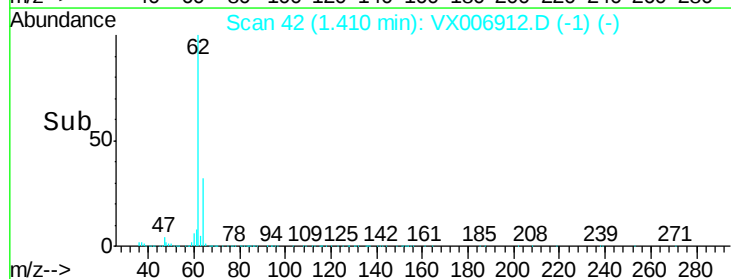
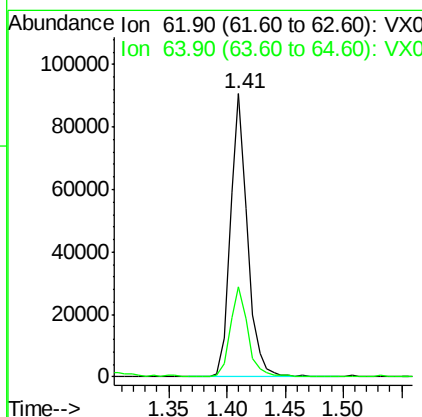
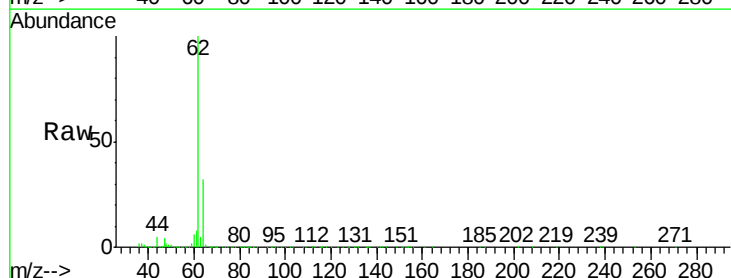
Manual Integrations
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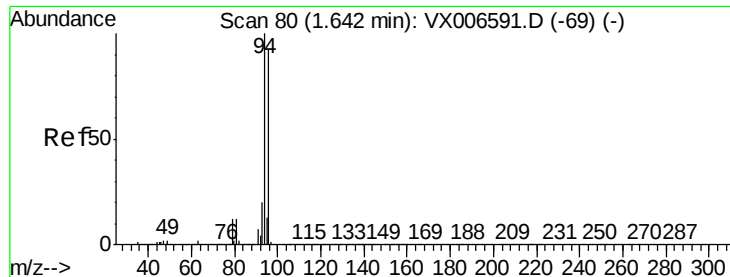
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#4
Vinyl Chloride
Concen: 16.206 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.1	37.7





#5

Bromomethane

Concen: 17.206 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 94 Resp: 97232

Ion Ratio Lower Upper

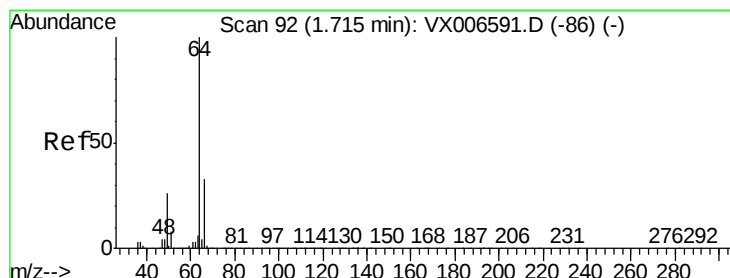
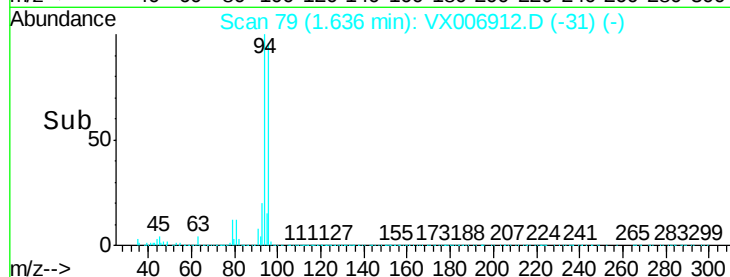
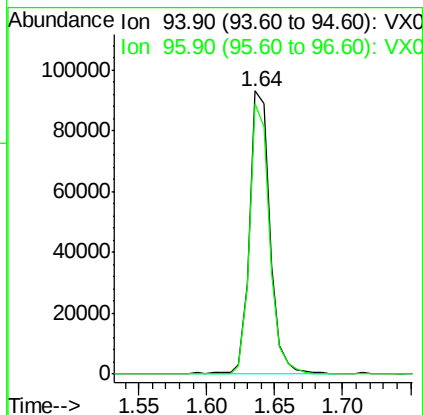
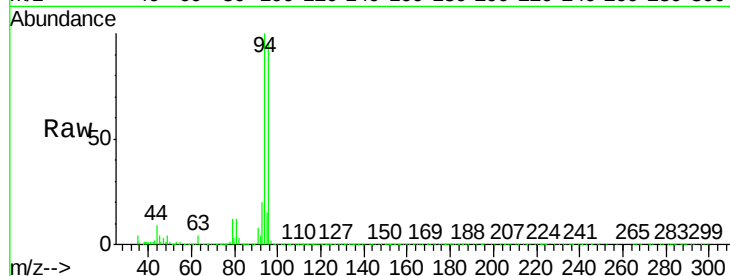
94 100

96 95.7 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 16.201 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006912.D

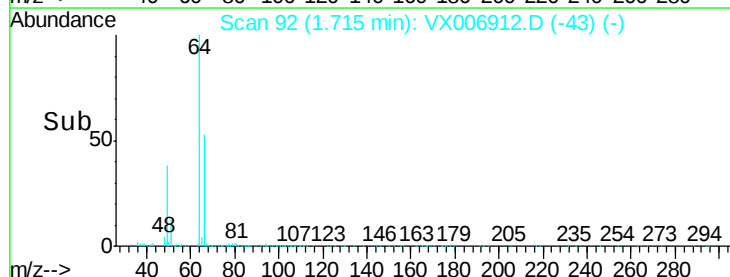
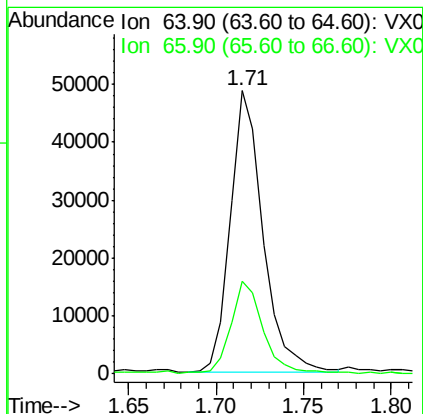
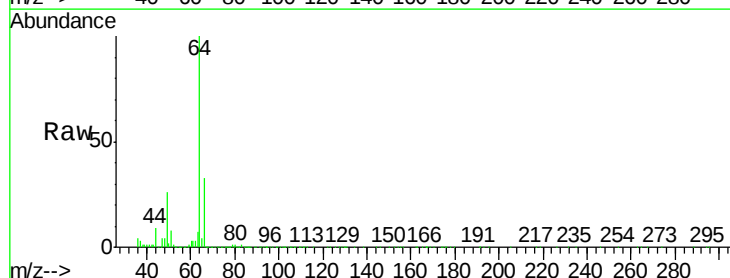
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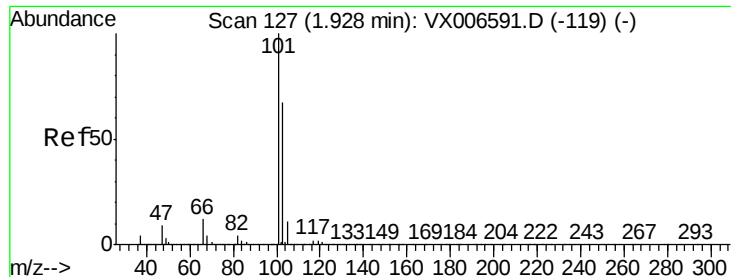
Tgt Ion: 64 Resp: 63303

Ion Ratio Lower Upper

64 100

66 32.7 26.4 39.6





#7

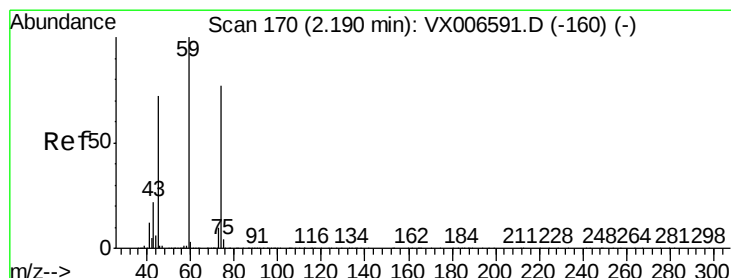
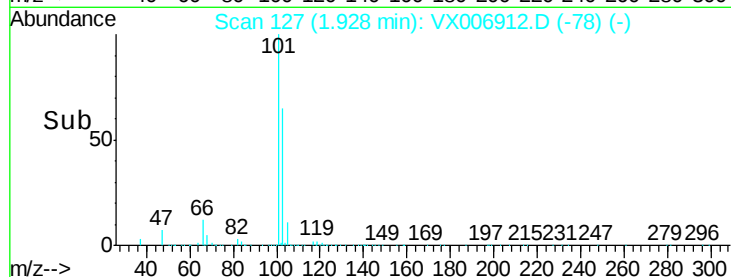
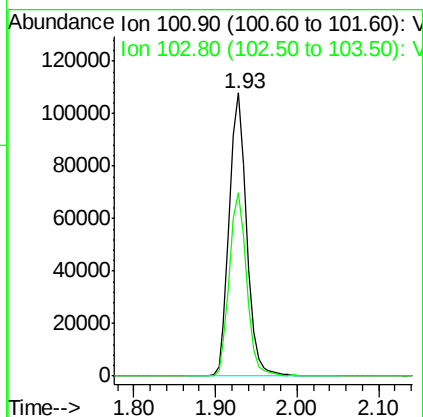
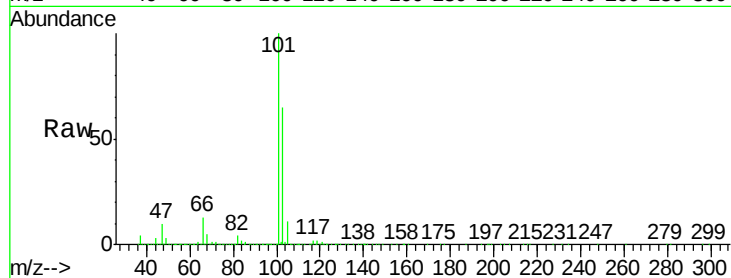
Trichlorofluoromethane
Concen: 18.037 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.2	79.8

Manual Integrations
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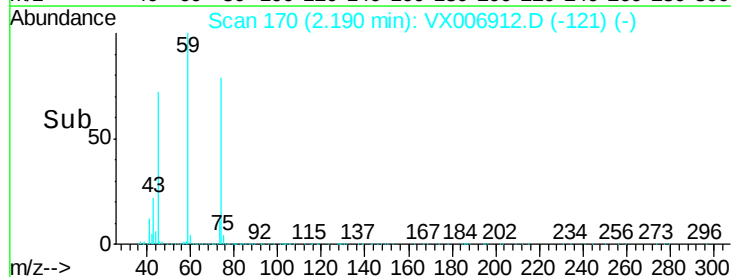
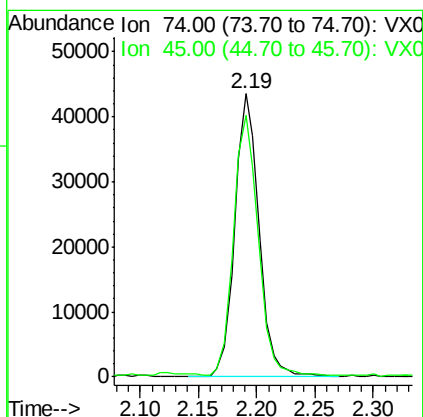
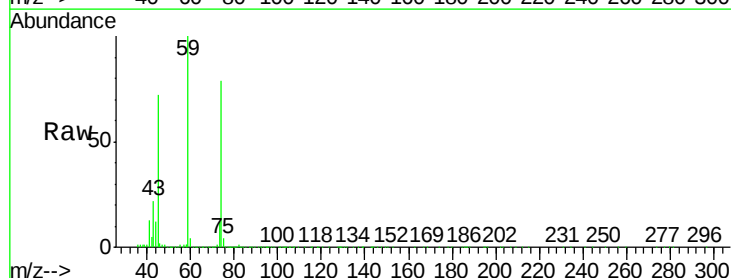
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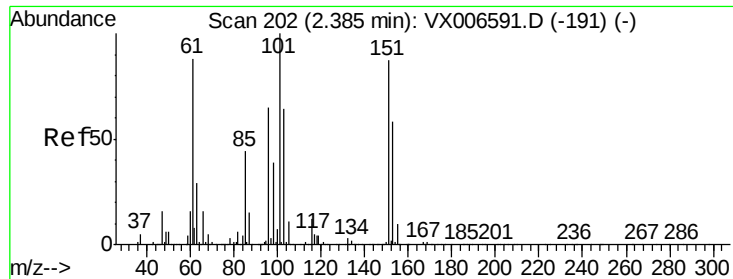


#8

Diethyl Ether
Concen: 18.126 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.781 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

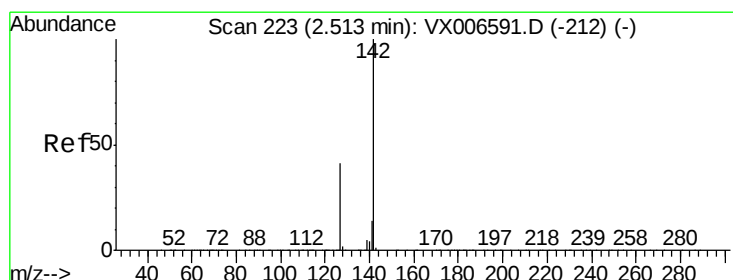
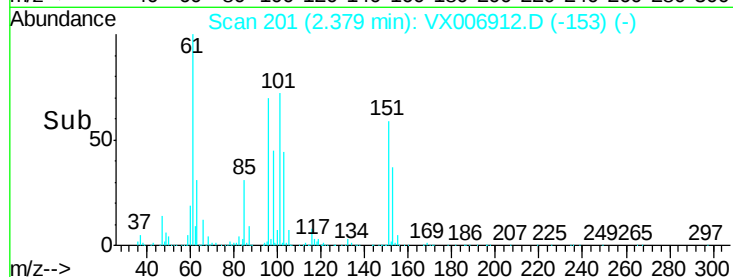
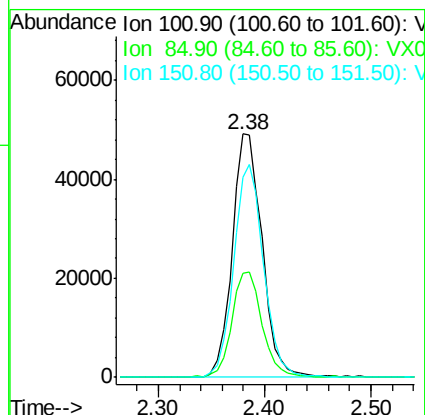
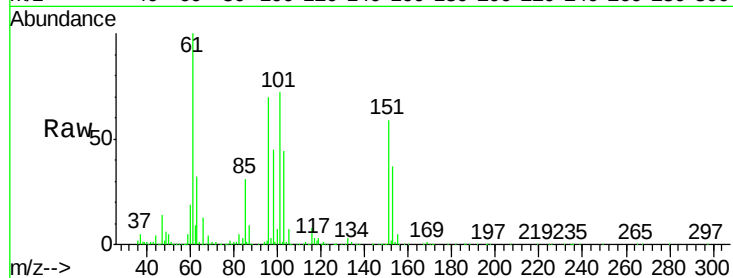
ClientSampleId :

VX0104WBS01

Tot Ion:	101	Resp:	97021
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.1	52.7
151	87.2	68.9	103.3

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#10

Methyl Iodide

Concen: 13.975 ug/l

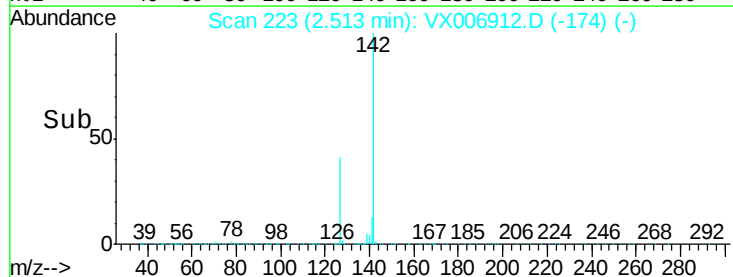
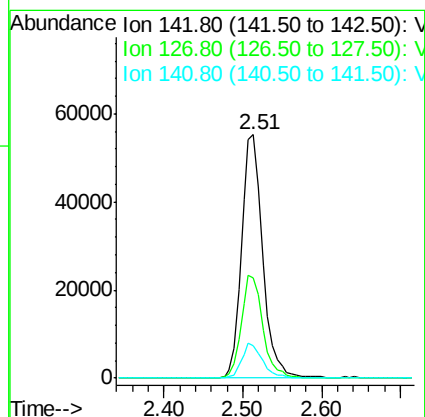
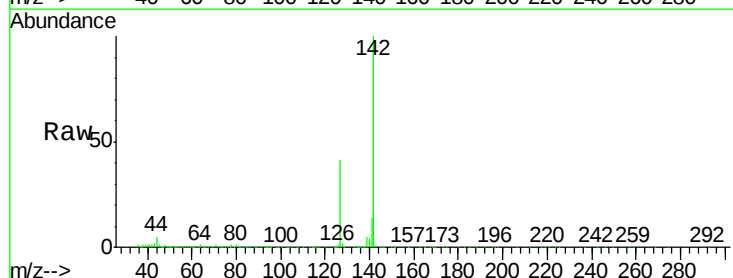
RT: 2.51 min Scan# 223

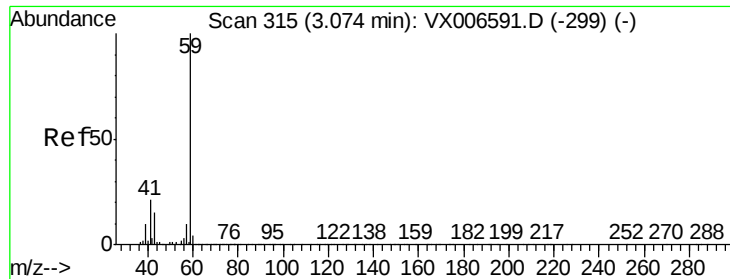
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	142	Resp:	103340
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.9	50.9
141	14.2	11.4	17.0





#11

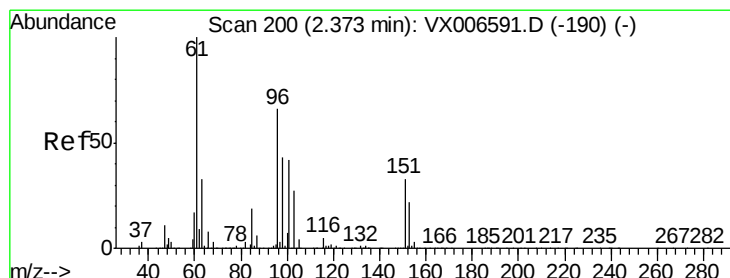
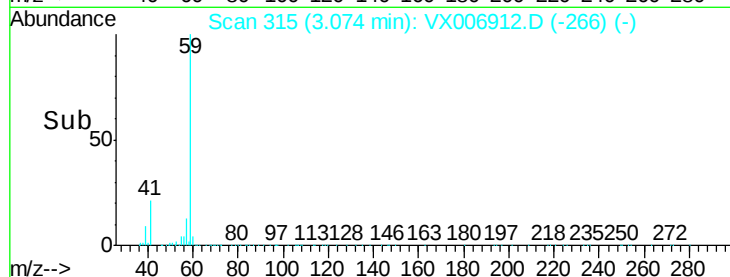
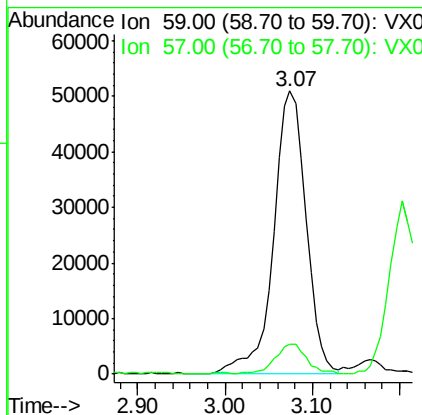
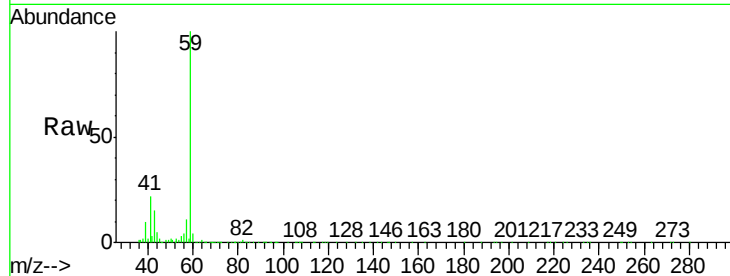
Tert butyl alcohol
Concen: 100.068 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

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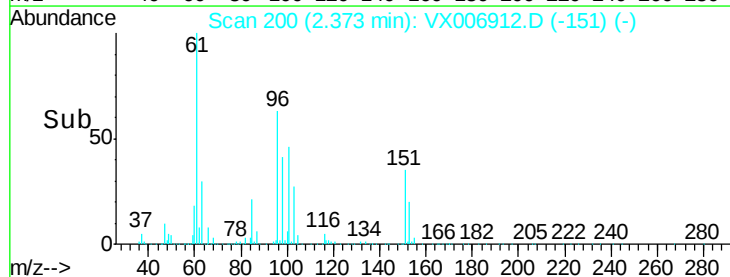
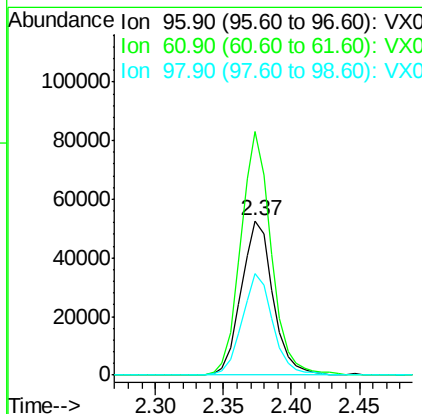
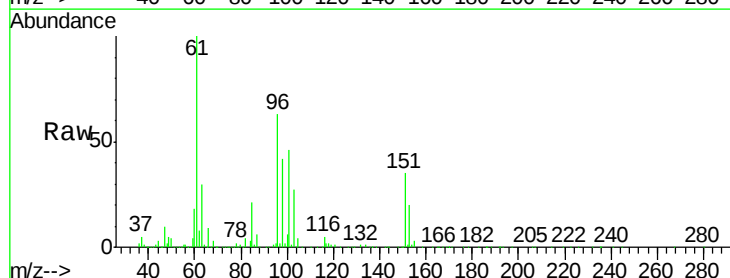
MMDadoda
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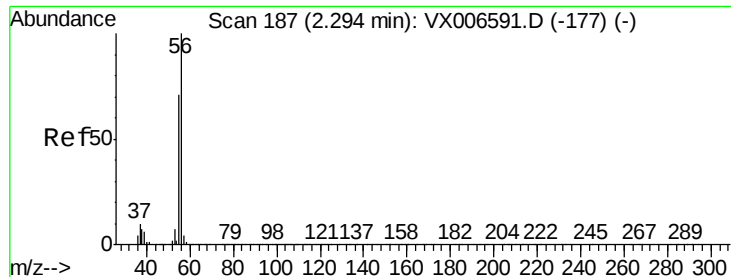


#12

1,1-Dichloroethene
Concen: 17.308 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	121.4	182.2
98	65.5	51.9	77.9





#13

Acrolein

Concen: 81.083 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 56 Resp: 72128

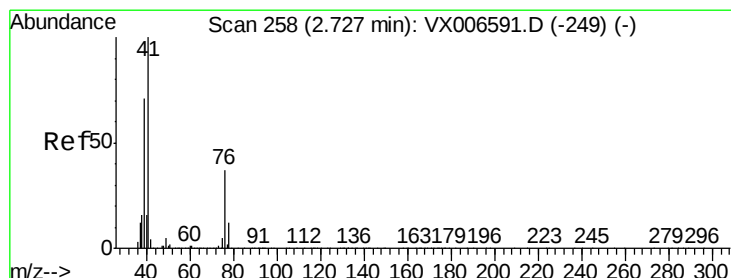
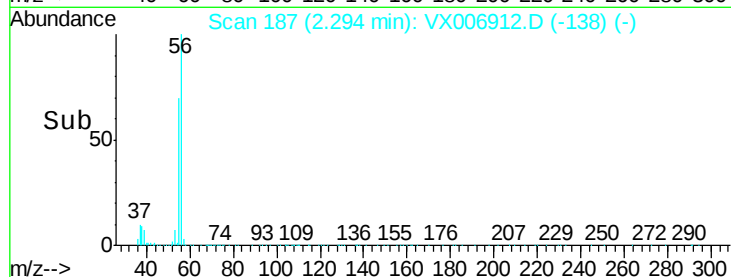
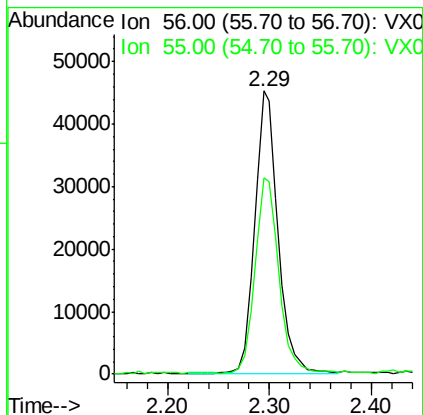
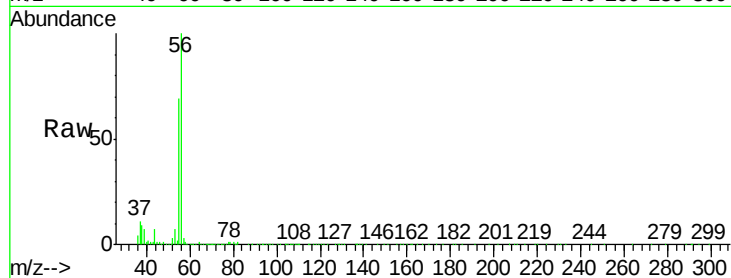
Ion Ratio Lower Upper

56 100

55 71.4 58.2 87.4

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#14

Allyl chloride

Concen: 18.160 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

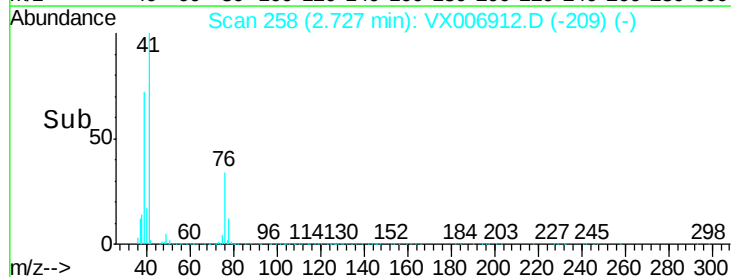
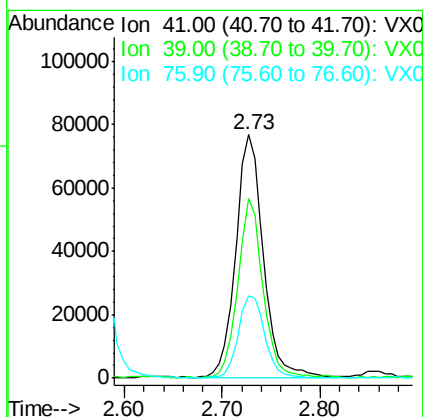
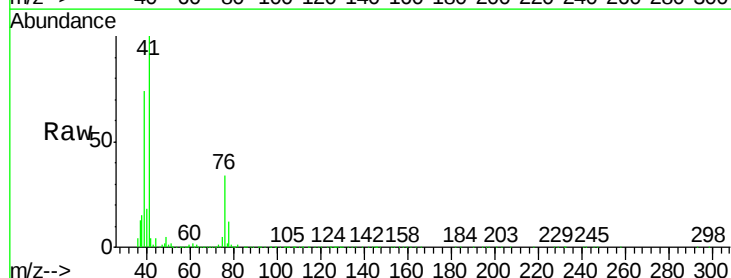
Tgt Ion: 41 Resp: 149731

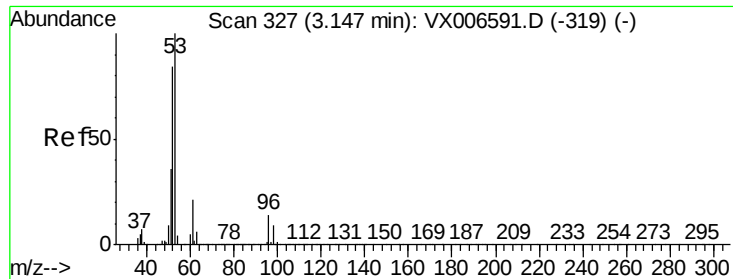
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 32.1 27.4 41.2





#15

Acrylonitrile

Concen: 98.454 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

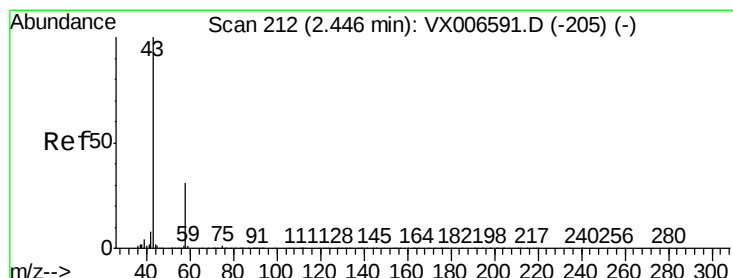
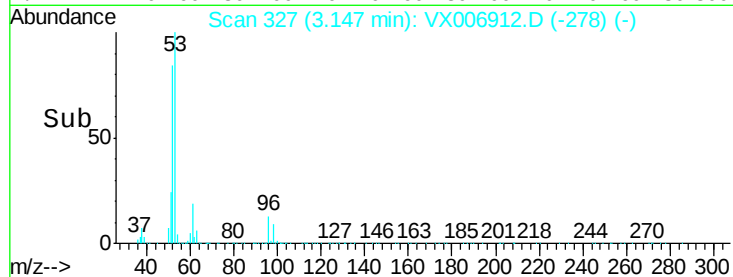
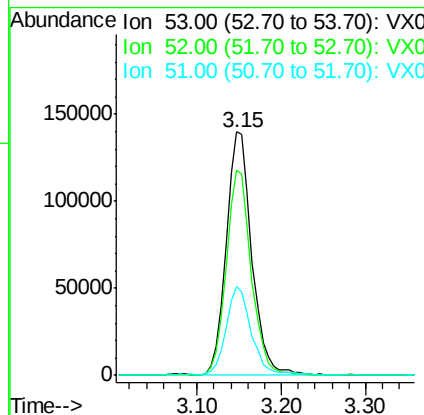
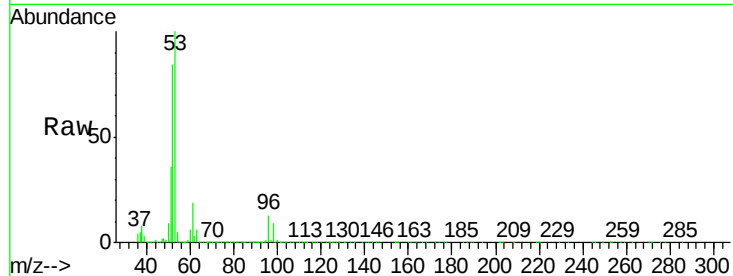
ClientSampleId :

VX0104WBS01

Tot Ion:	53	Resp:	288250
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 93.160 ug/l

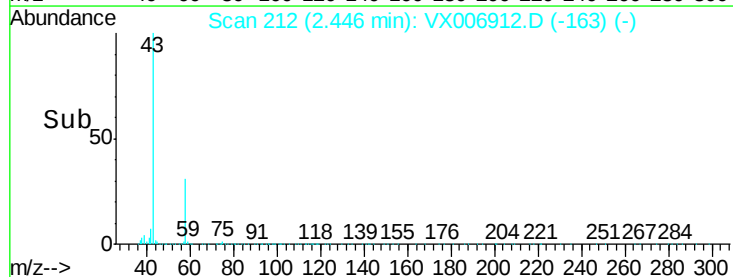
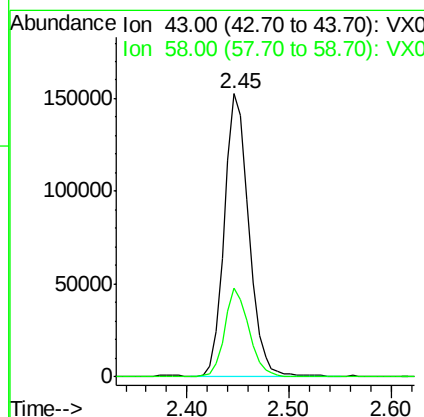
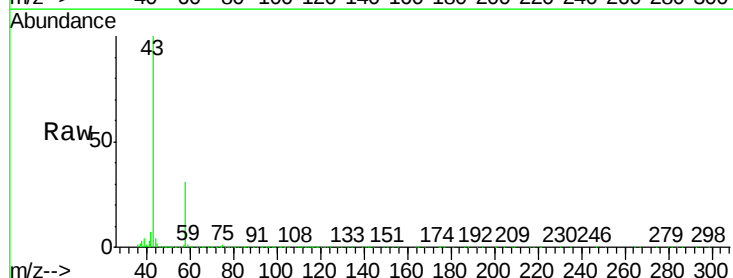
RT: 2.45 min Scan# 212

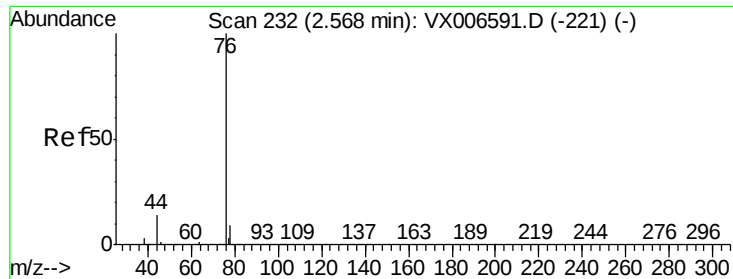
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	43	Resp:	252892
Ion Ratio		Lower	Upper
43	100		
58	31.2	25.0	37.6





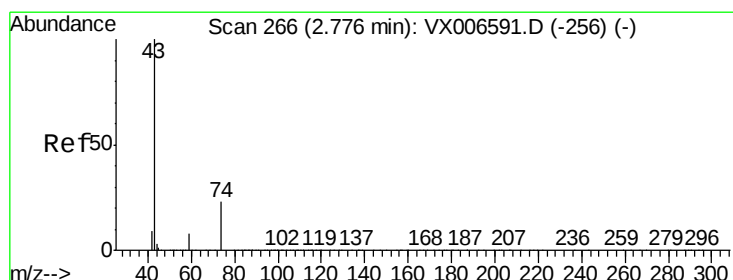
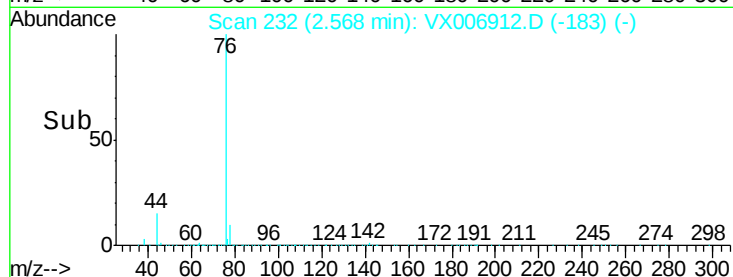
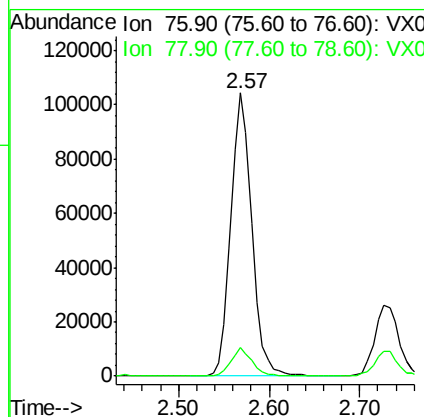
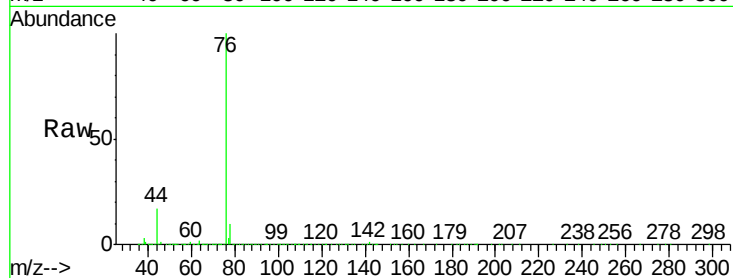
#17
Carbon Disulfide
Concen: 12.949 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.6

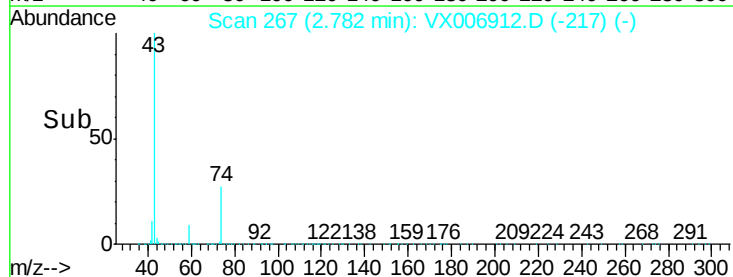
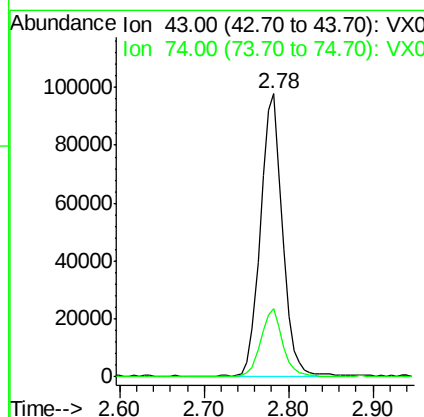
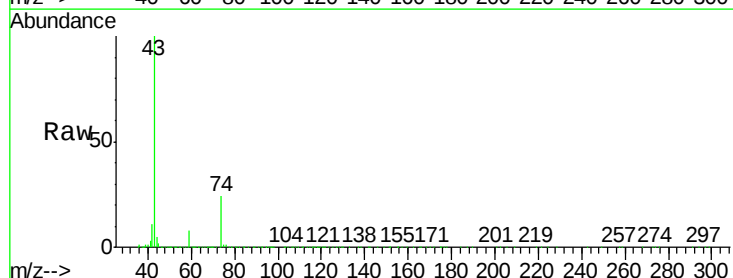
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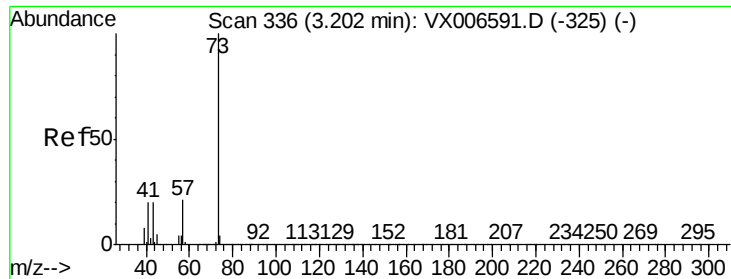
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#18
Methyl Acetate
Concen: 21.904 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





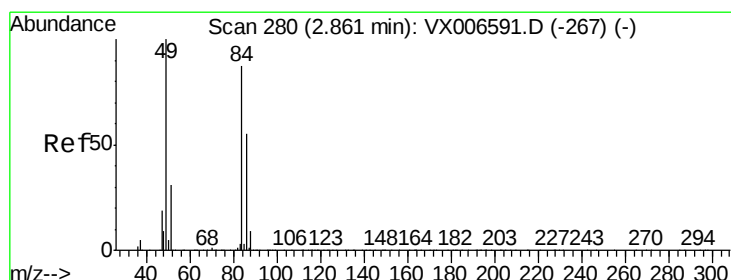
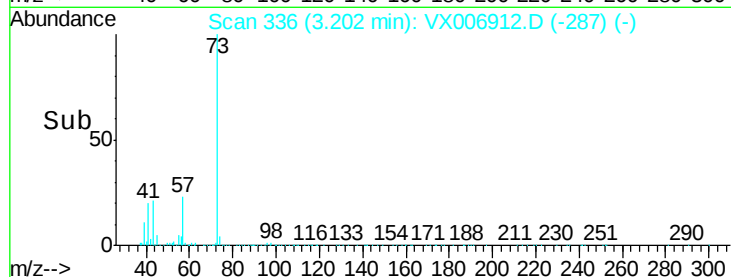
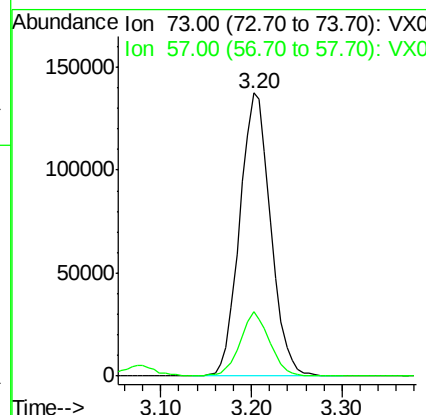
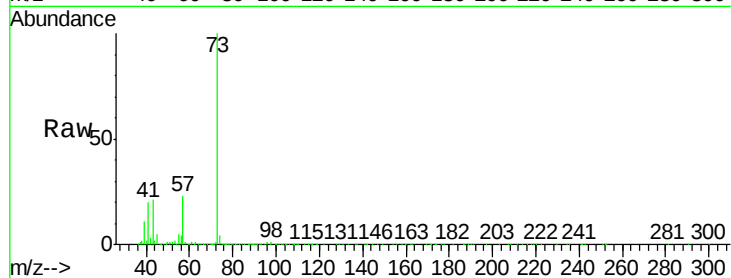
#19
Methvl tert-butvl Ether
Concen: 19.935 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.8	25.2

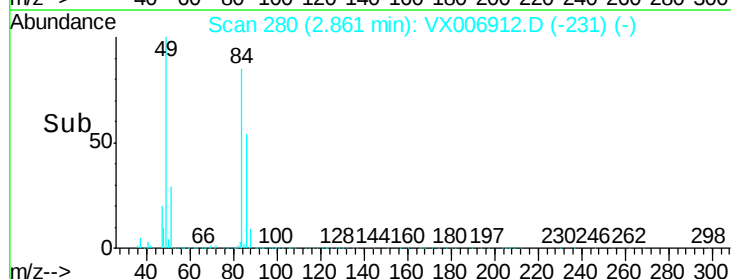
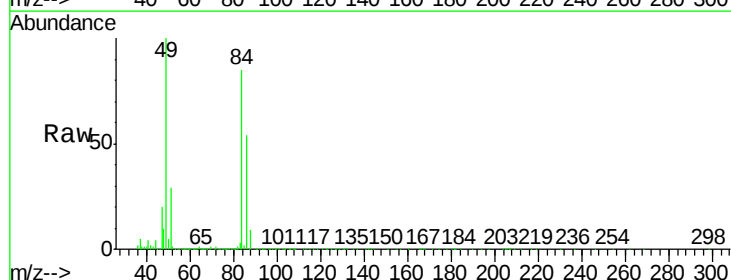
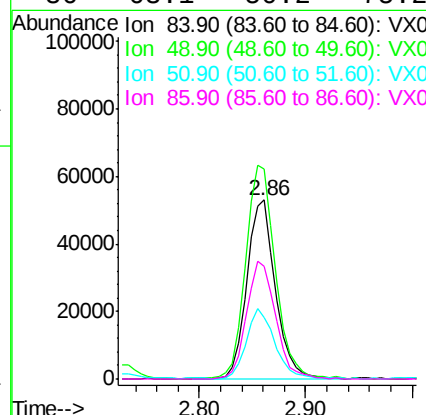
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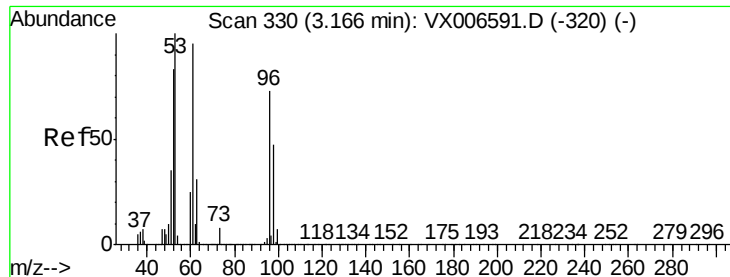
MMDadoda
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#20
Methylene Chloride
Concen: 17.745 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	91.8	137.6
51	33.8	28.5	42.7
86	63.1	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.013 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

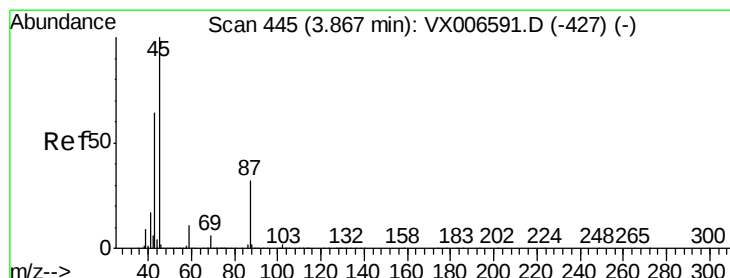
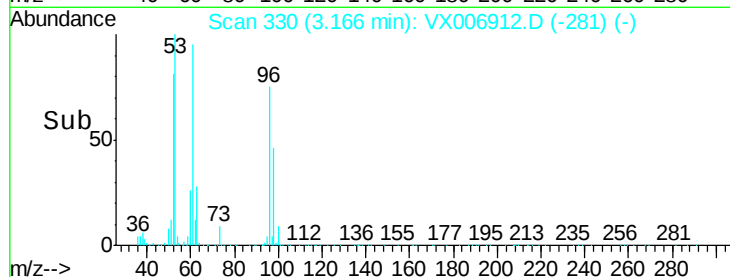
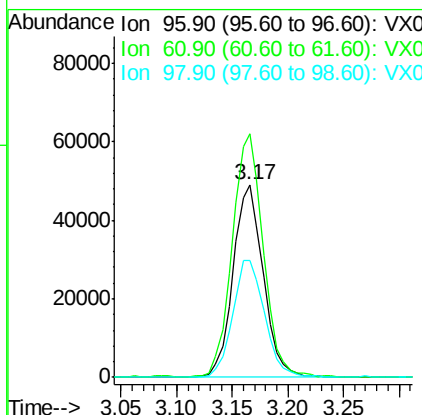
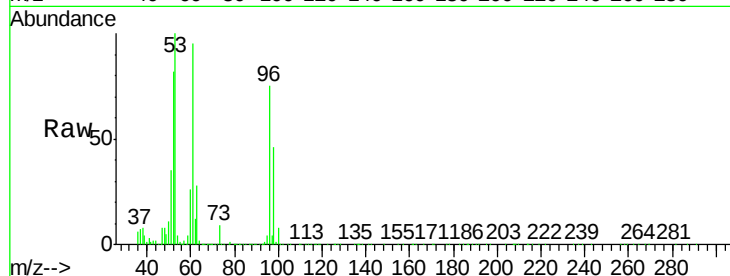
ClientSampleId :

VX0104WBS01

Tot Ion:	96	Resp:	92335
Ion	Ratio	Lower	Upper
96	100		
61	126.1	103.7	155.5
98	60.9	51.0	76.6

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#22

Diisopropyl ether

Concen: 19.898 ug/l

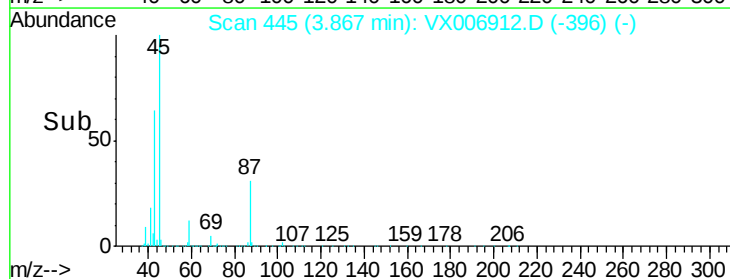
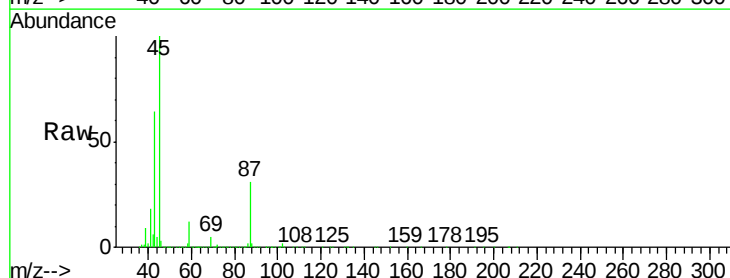
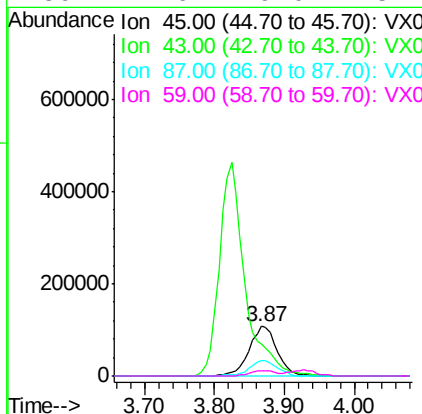
RT: 3.87 min Scan# 445

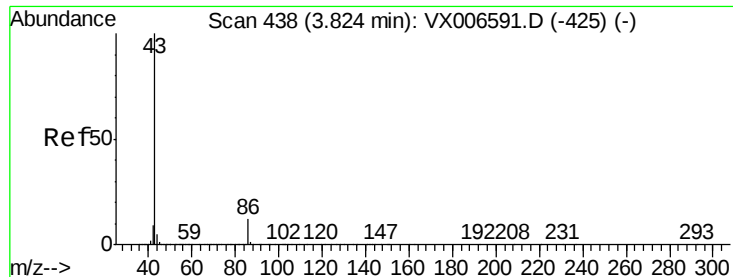
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	45	Resp:	300139
Ion	Ratio	Lower	Upper
45	100		
43	64.0	51.2	76.8
87	31.3	25.8	38.6
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 95.944 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 43 Resp: 1183748

Ion Ratio Lower Upper

43 100

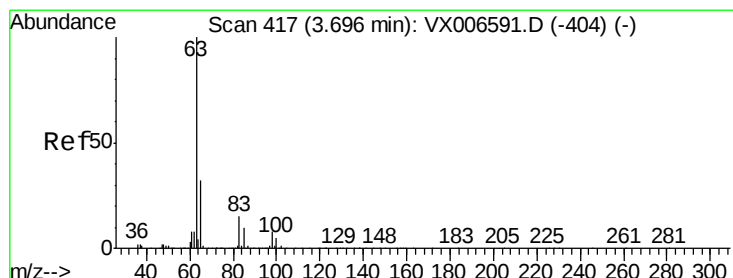
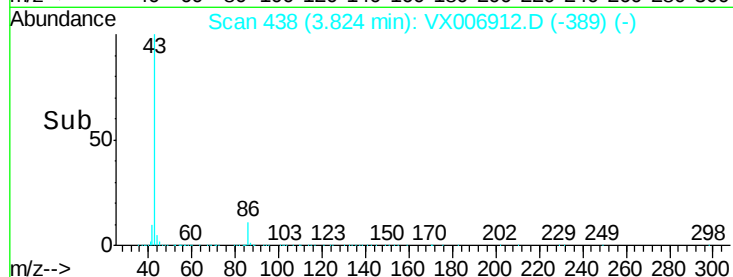
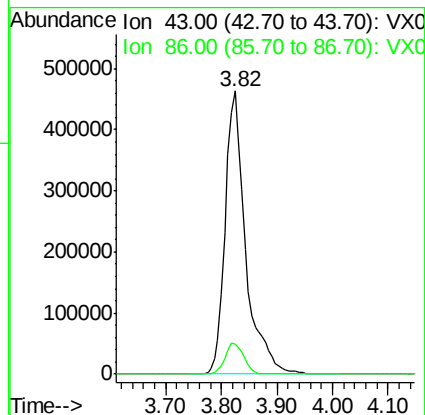
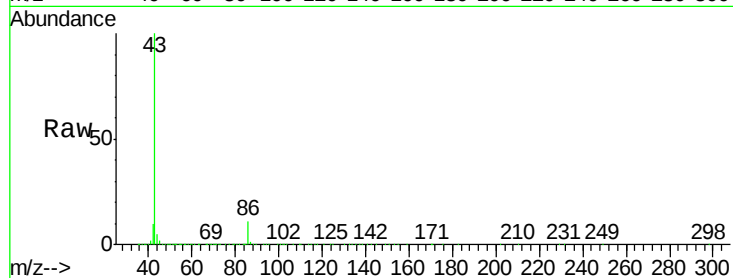
86 10.7 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 18.062 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

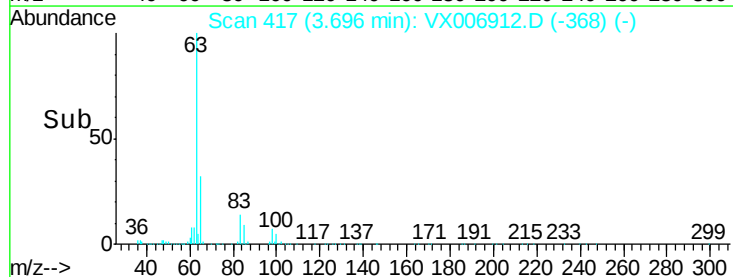
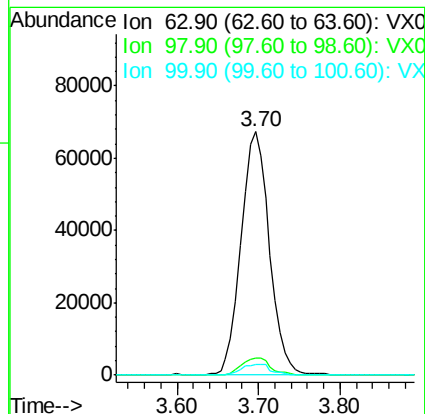
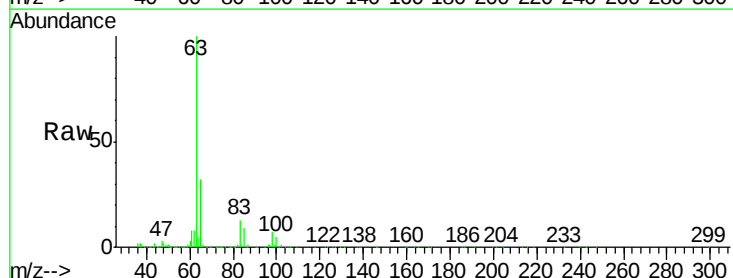
Tgt Ion: 63 Resp: 162631

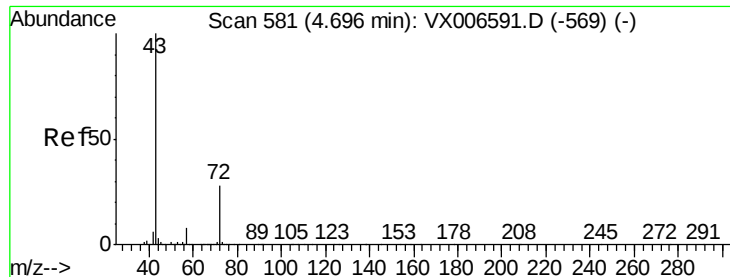
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 95.474 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

Tot Ion: 43 Resp: 364558

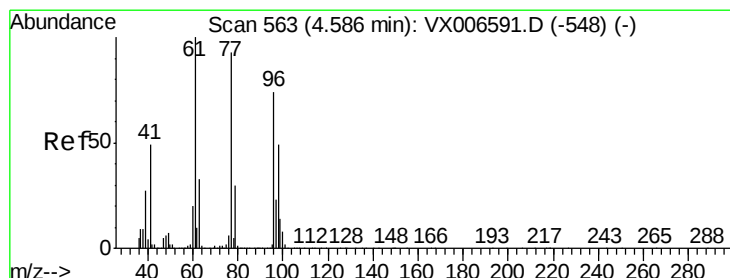
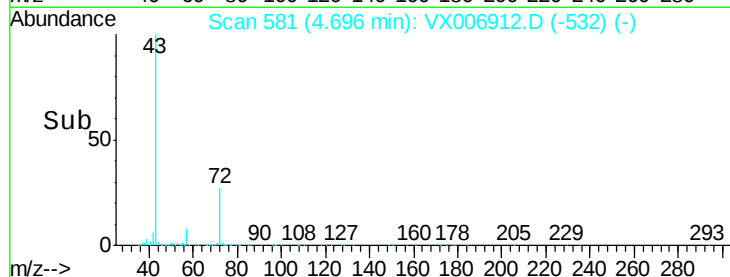
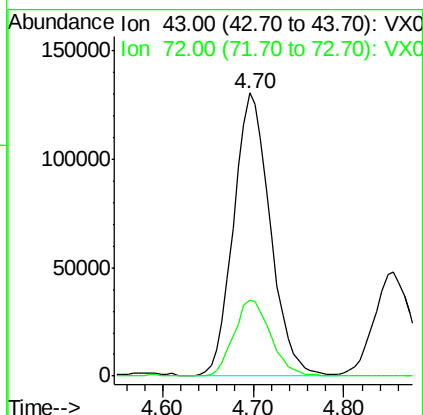
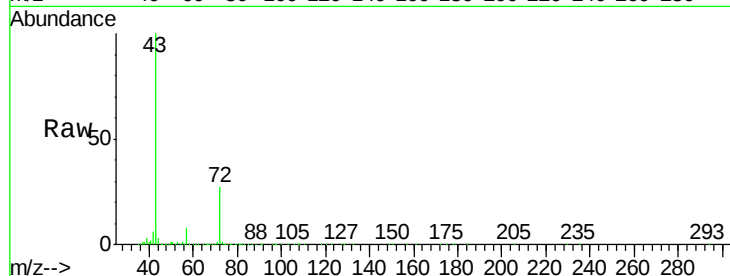
Ion Ratio Lower Upper

43 100

72 26.7 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 17.167 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006912.D

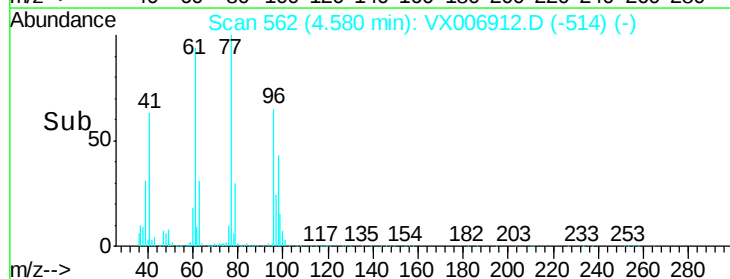
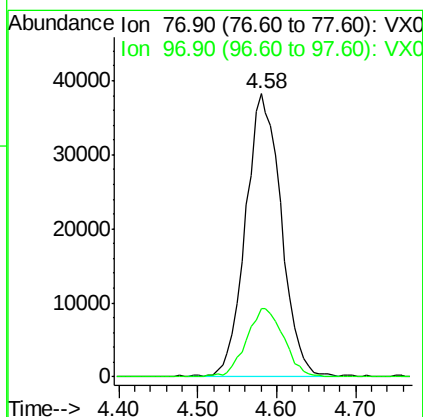
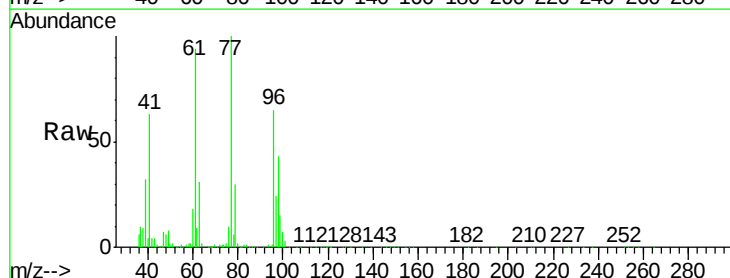
Acq: 04 Jan 2019 14:45

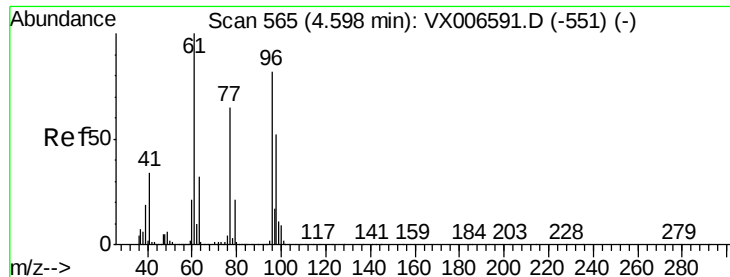
Tgt Ion: 77 Resp: 119406

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4





#27

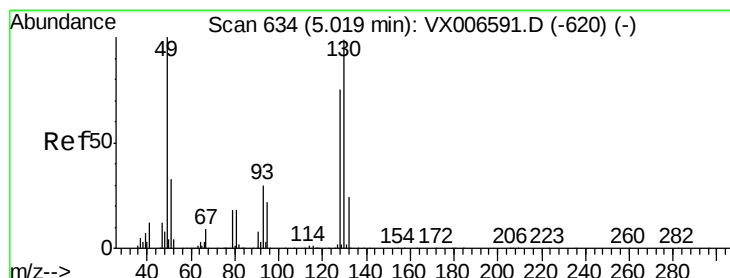
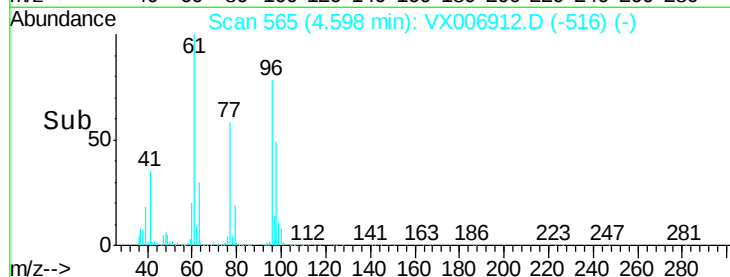
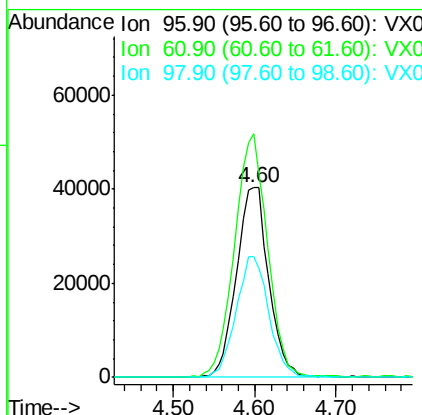
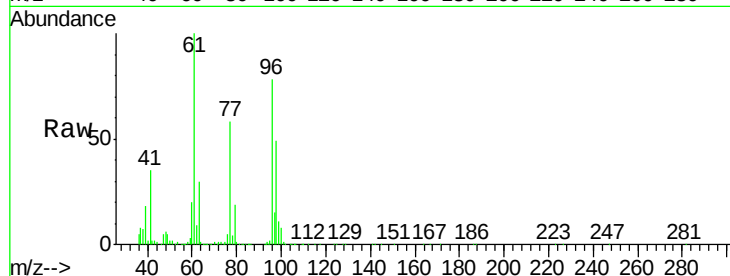
cis-1,2-Dichloroethene
Concen: 18.534 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110981		
61	130.0	0.0	258.6	
98	64.5	0.0	132.0	

Manual Integrations
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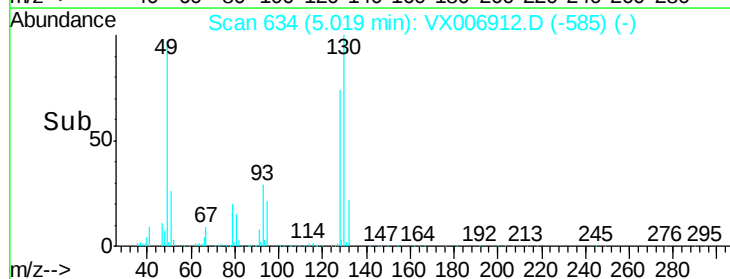
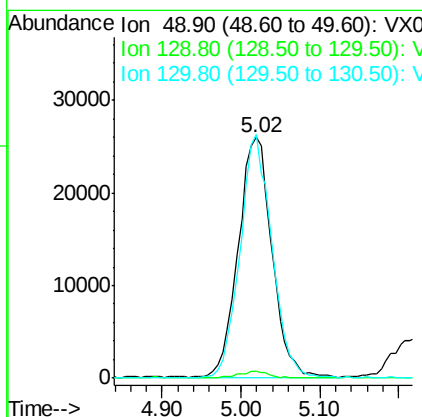
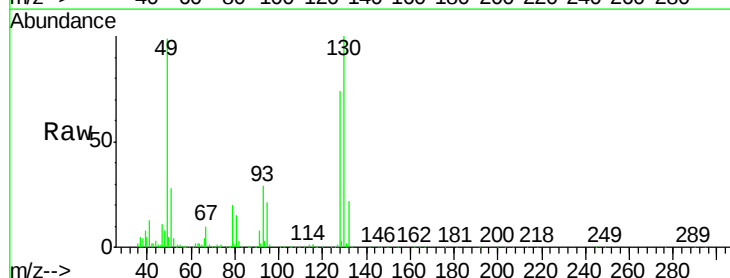
MMDadoda
1/7/2019 11:04:18 AM

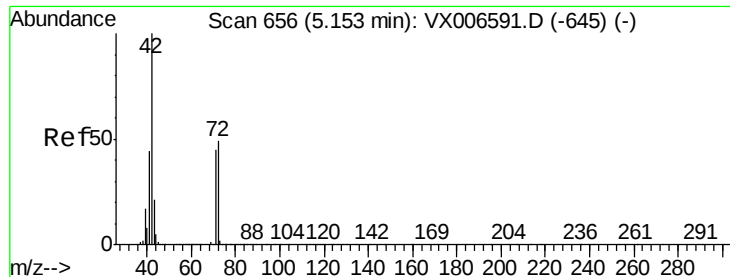


#28

Bromochloromethane
Concen: 19.253 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77404		
129	2.7	0.0	5.4	
130	95.5	77.7	116.5	





#29

Tetrahydrofuran

Concen: 96.253 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

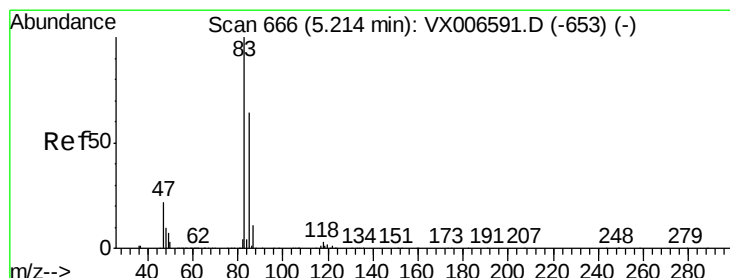
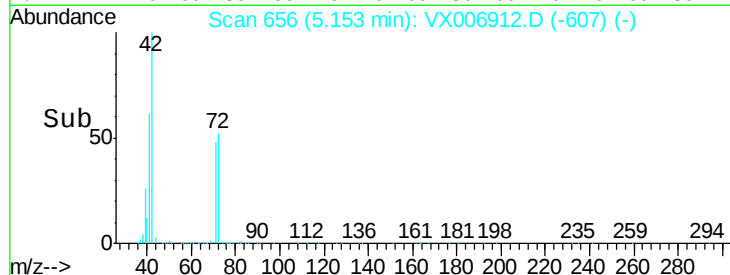
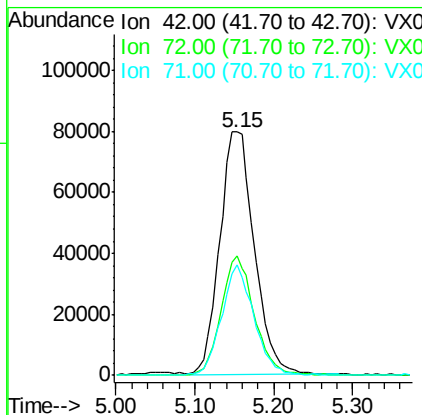
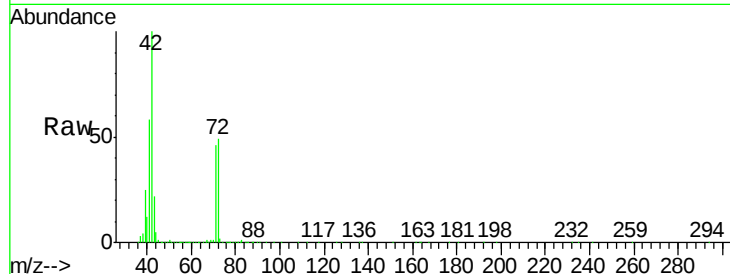
ClientSampled :

VX0104WBS01

Tot Ion:	42	Resp:	242070
Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.9	58.3
71	42.6	36.2	54.4

Manual Integrations
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#30

Chloroform

Concen: 18.927 ug/l

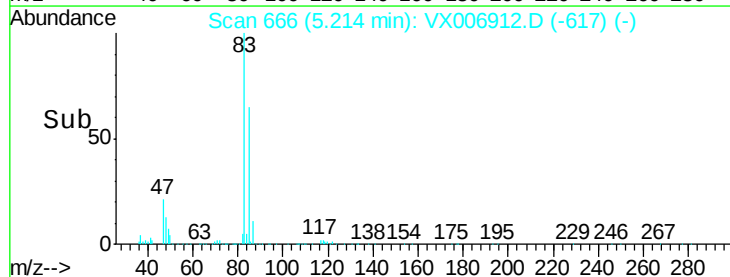
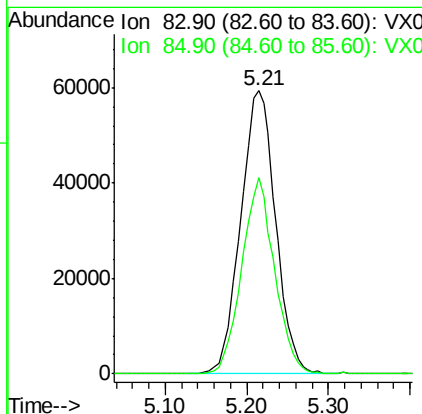
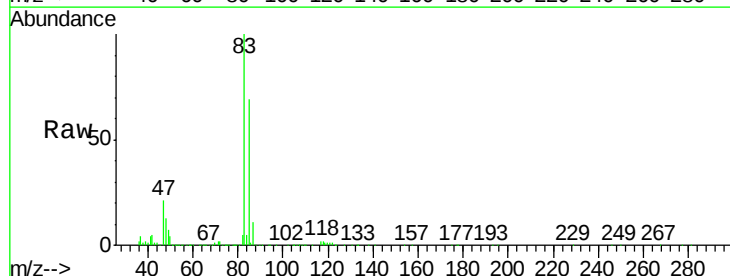
RT: 5.21 min Scan# 666

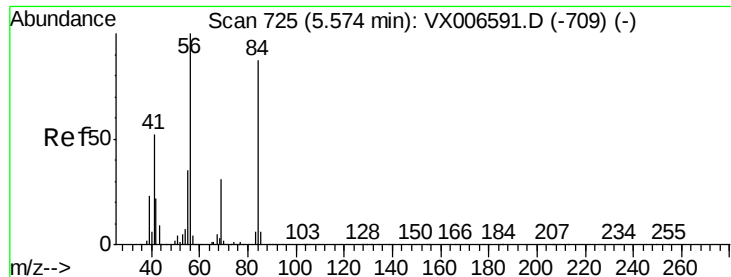
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	83	Resp:	176478
Ion	Ratio	Lower	Upper
83	100		
85	69.2	51.2	76.8





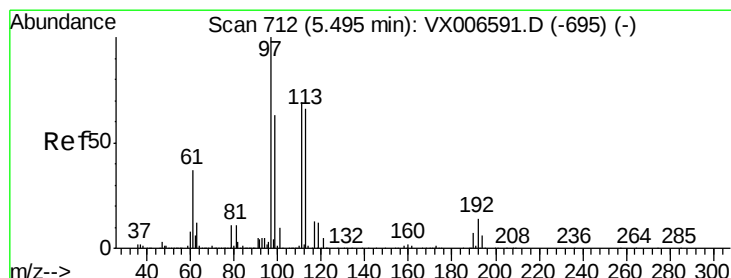
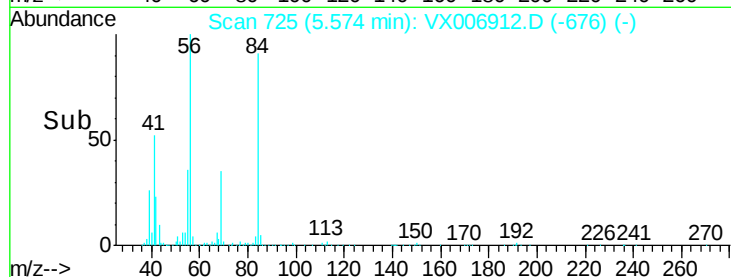
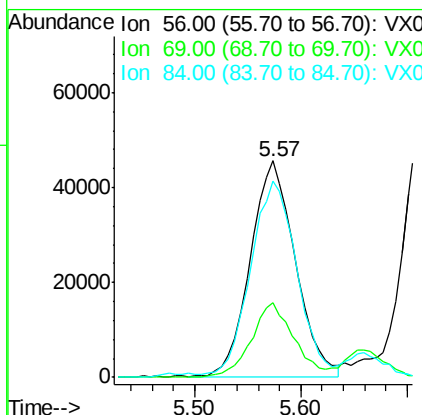
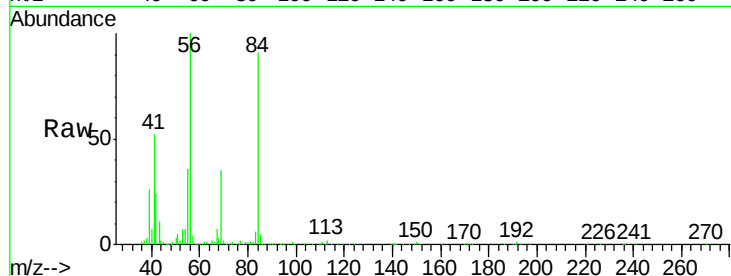
#31
Cyclohexane
Concen: 16.467 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampled :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	24.4	36.6
84	89.5	70.0	105.0

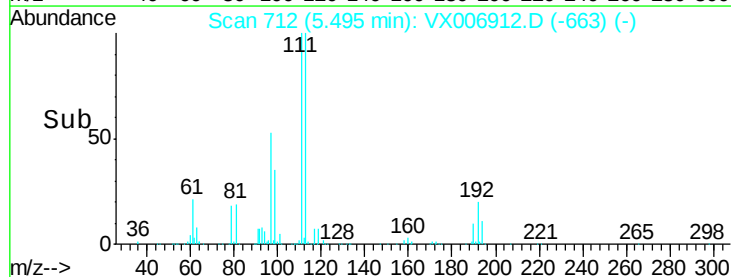
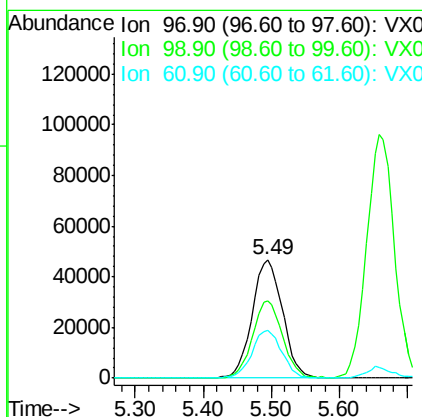
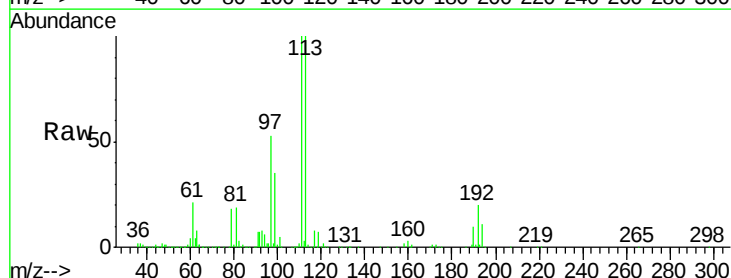
Manual Integrations
APPROVED

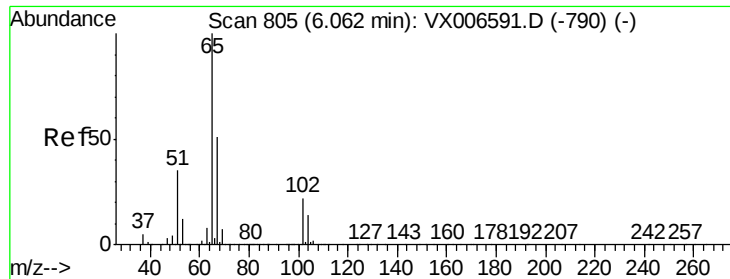
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#32
1,1,1-Trichloroethane
Concen: 18.447 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	40.1	31.3	46.9





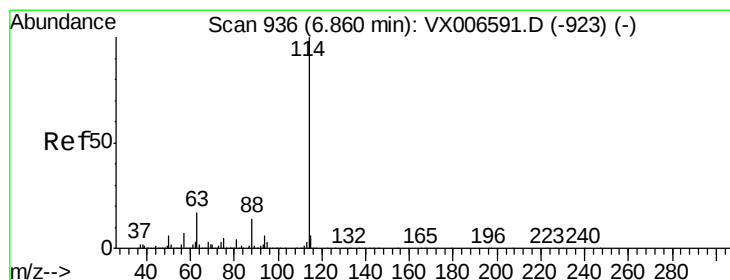
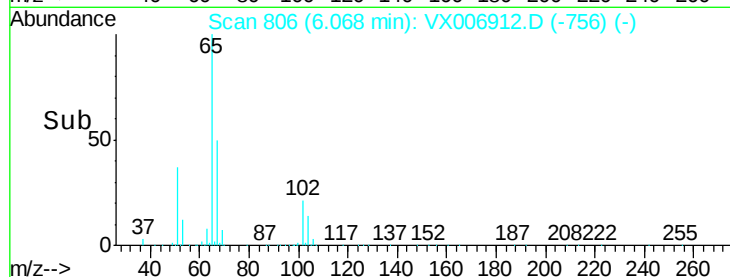
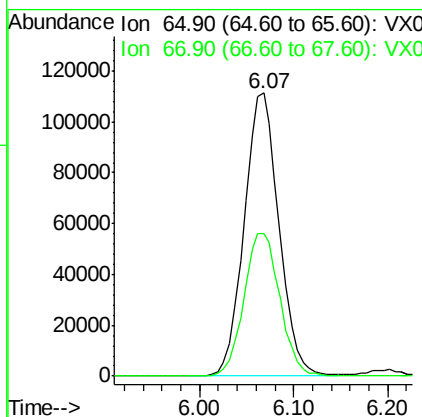
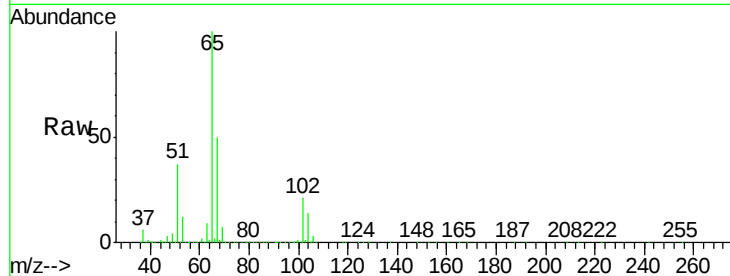
#33
 1,2-Dichloroethane-d4
 Concen: 48.629 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	287330		
67	52.4	0.0	105.0	

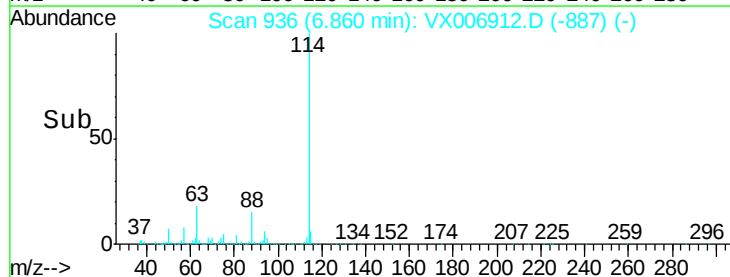
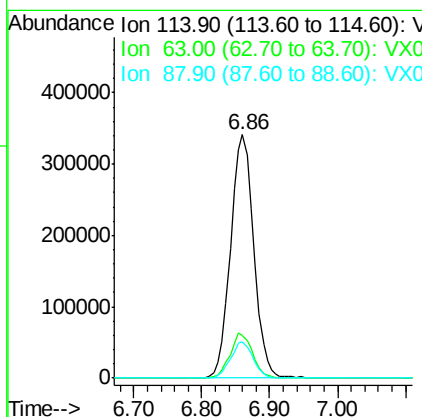
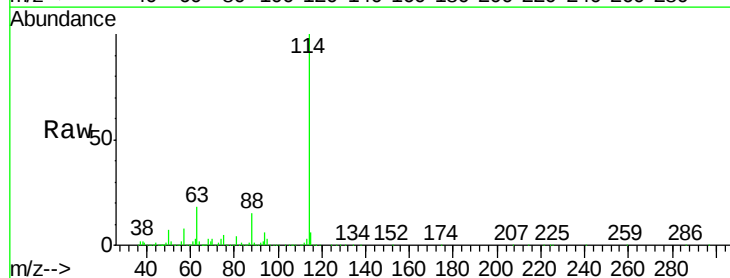
Manual Integrations
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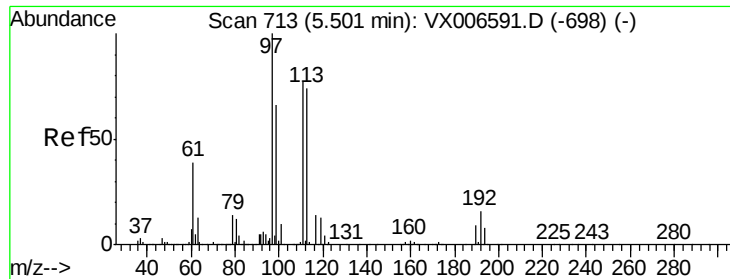
MMDadoda
 1/7/2019 11:04:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	805988		
63	17.7	0.0	34.8	
88	15.0	0.0	28.8	





#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

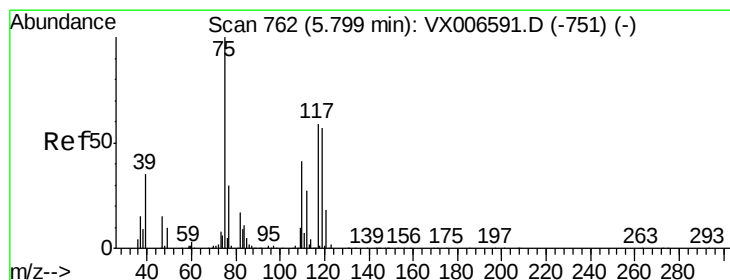
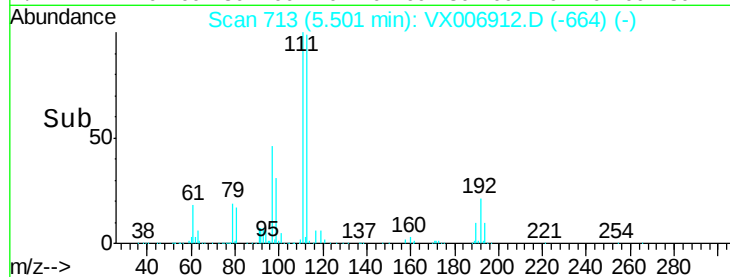
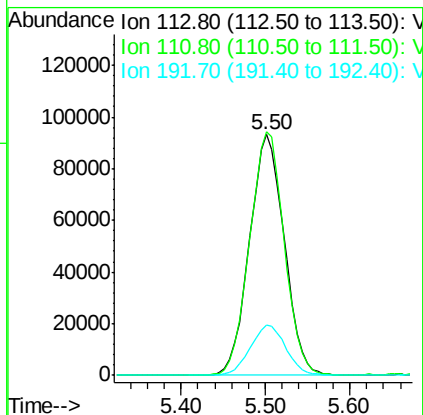
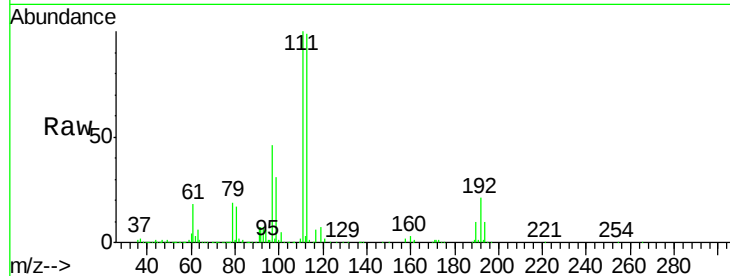
ClientSampleId :

VX0104WBS01

Tot Ion:	113	Resp:	262490
Ion Ratio	Lower	Upper	
113	100		
111	100.7	81.6	122.4
192	21.5	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.348 ug/l

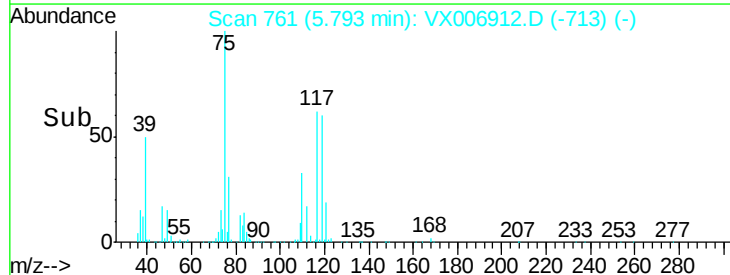
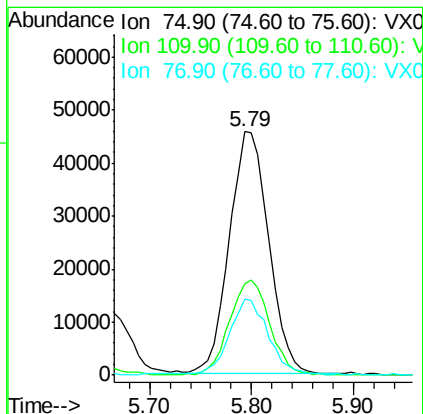
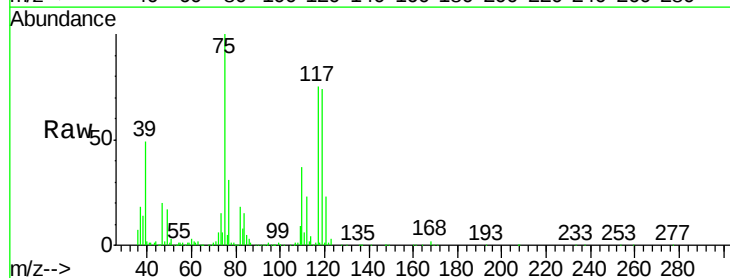
RT: 5.79 min Scan# 761

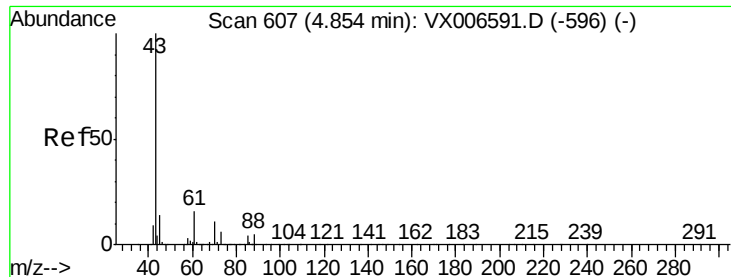
Delta R.T. -0.01 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	75	Resp:	122482
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.2	60.5
77	30.6	24.8	37.2





#37

Ethyl Acetate

Concen: 20.001 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

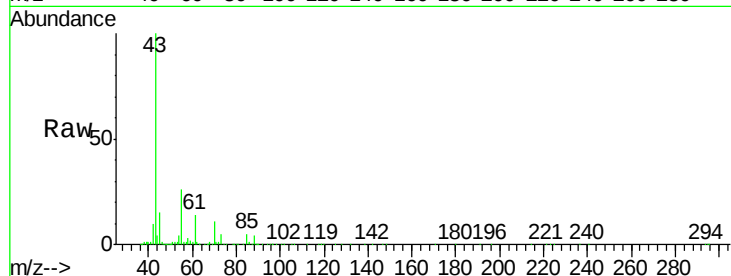
ClientSampleId :

VX0104WBS01

Tot Ion:	43	Resp:	138966
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	11.2	9.7	14.5

Manual Integrations
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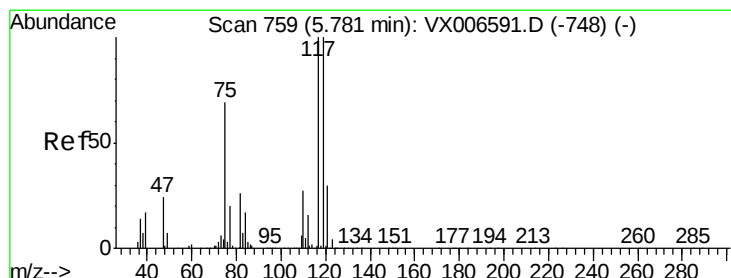
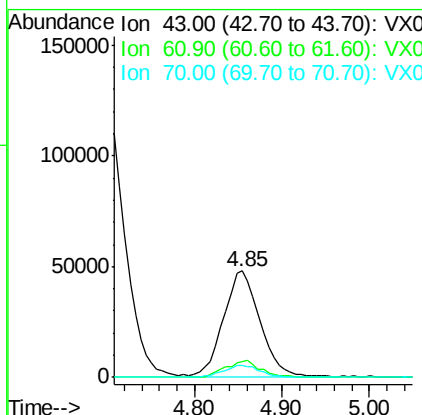
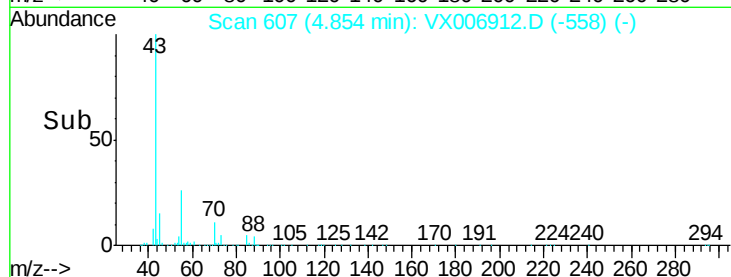


Abundance Ion 43.00 (42.70 to 43.70): VX006912.D (-558) (-)

Ion 60.90 (60.60 to 61.60): VX006912.D (-558) (-)

Ion 70.00 (69.70 to 70.70): VX006912.D (-558) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 18.854 ug/l

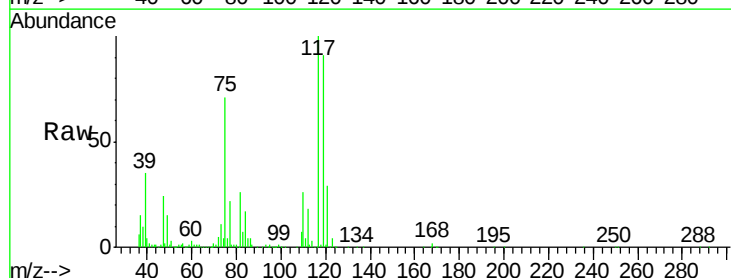
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	117	Resp:	122317
Ion	Ratio	Lower	Upper
117	100		
119	91.4	79.4	119.2
121	29.4	24.0	36.0

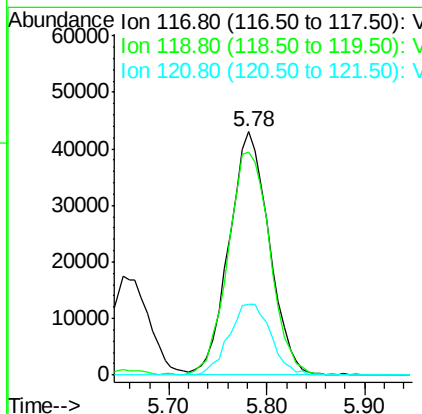
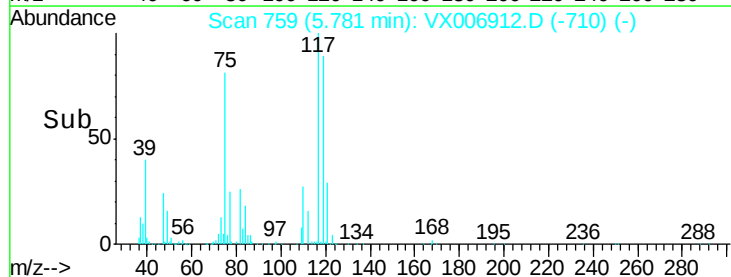


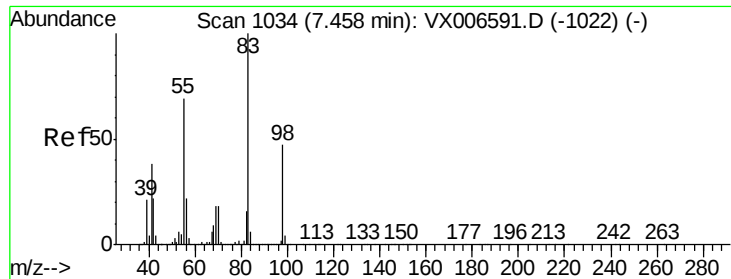
Abundance Ion 116.80 (116.50 to 117.50): VX006912.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX006912.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX006912.D (-710) (-)

Time-->





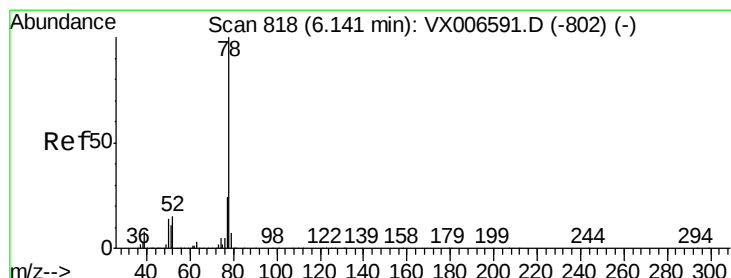
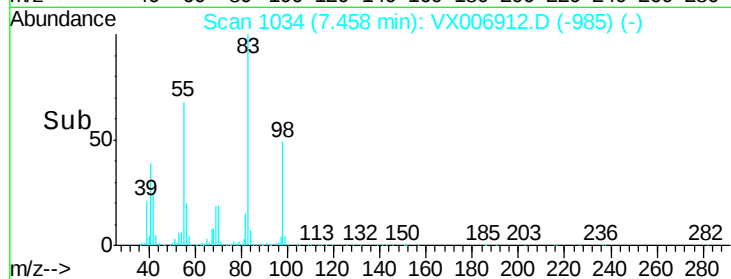
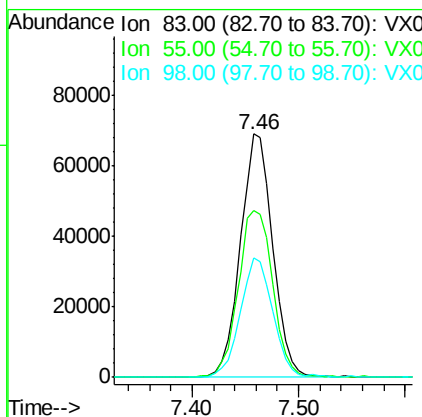
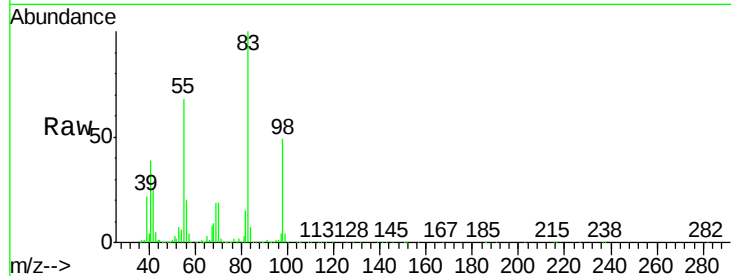
#39
Methvlcvclohexane
Concen: 16.728 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	54.9	82.3
98	49.0	37.9	56.9

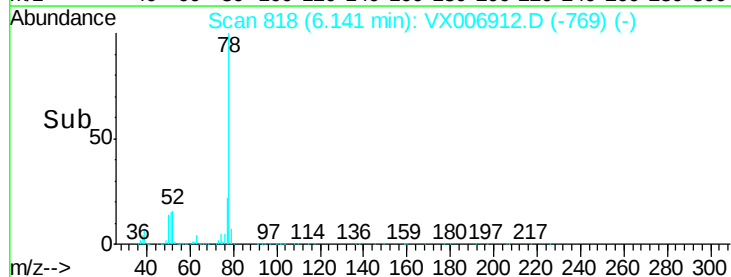
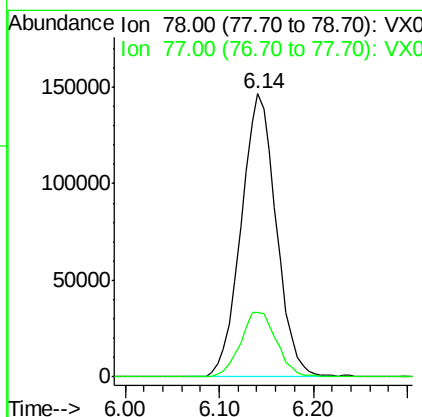
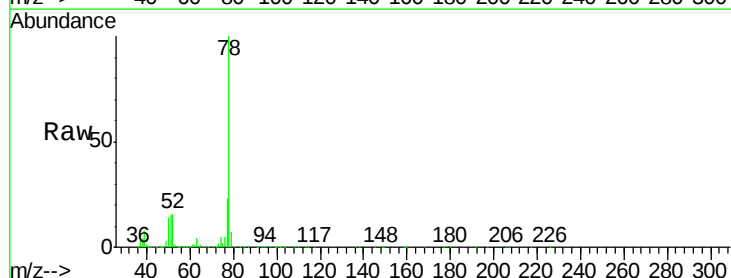
Manual Integrations
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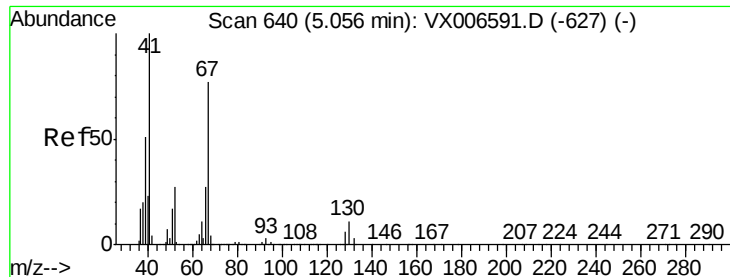
MMDadoda
1/7/2019 11:04:18 AM



#40
Benzene
Concen: 18.772 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





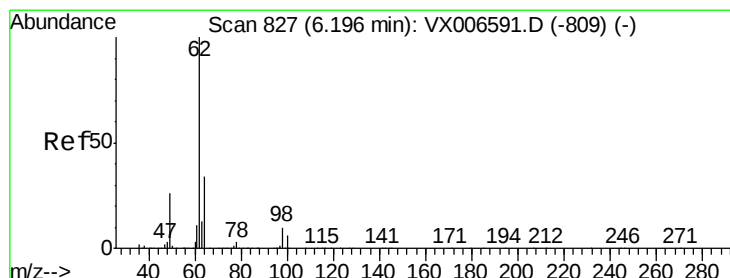
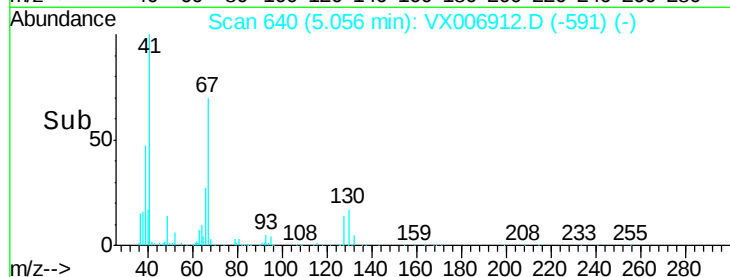
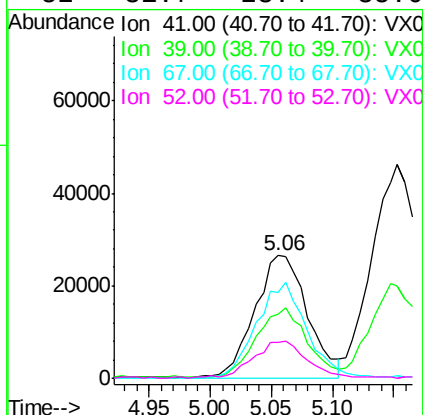
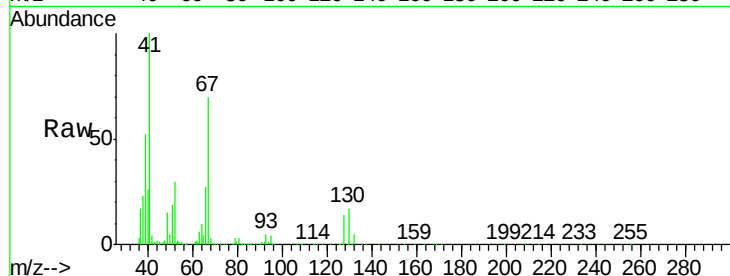
#41
Methacrylonitrile
Concen: 21.416 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.8	64.2	
67	75.4	62.1	93.1	
52	31.7	23.4	35.0	

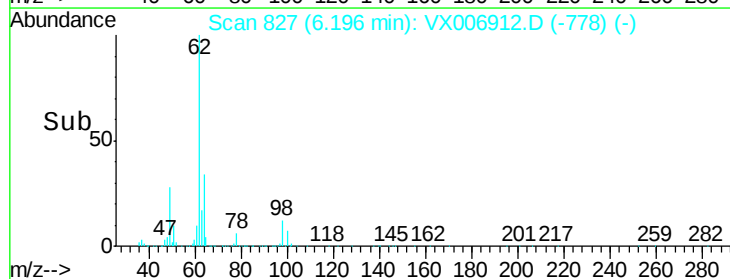
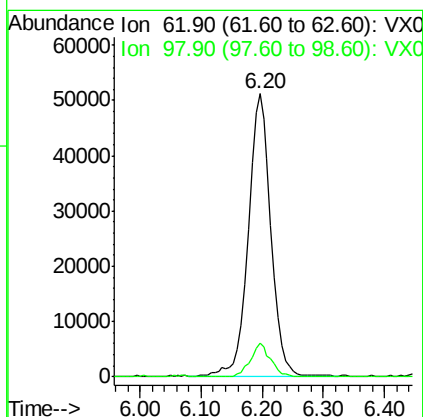
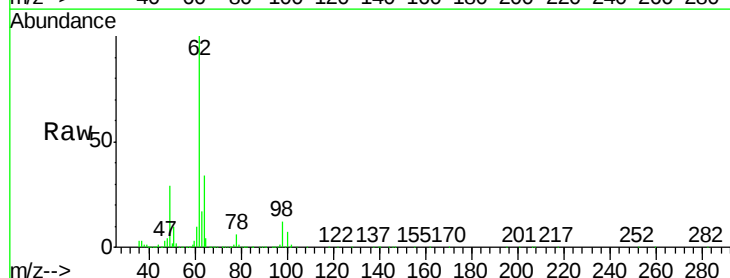
Manual Integrations
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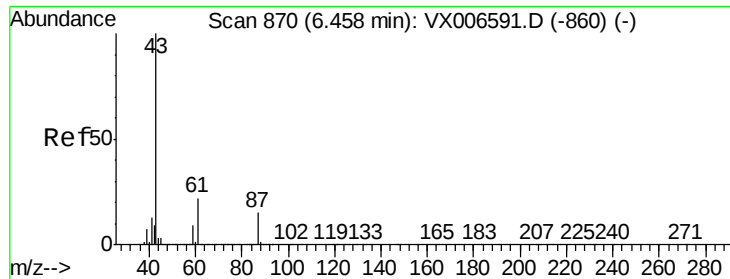
MMDadoda
1/7/2019 11:04:18 AM



#42
1,2-Dichloroethane
Concen: 19.250 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.2	





#43

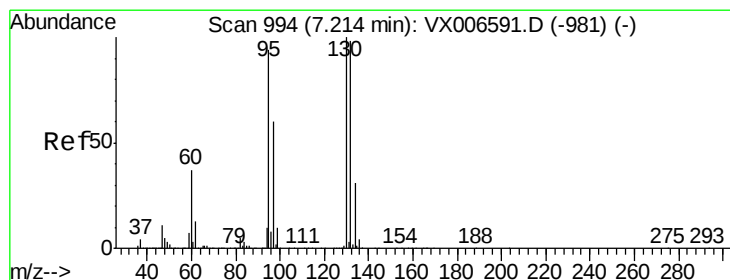
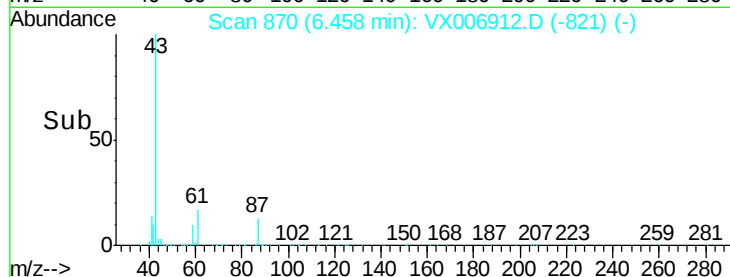
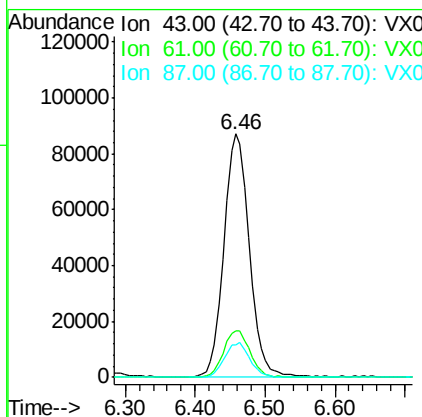
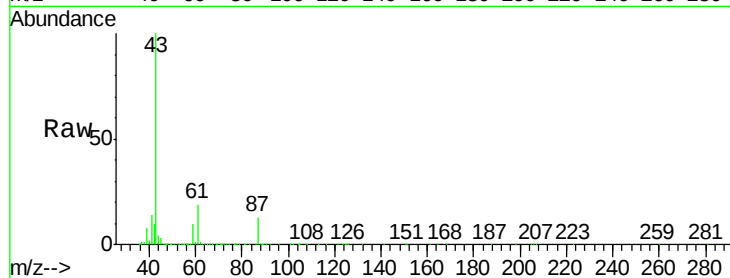
Isopropyl Acetate
 Concen: 20.680 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.8	25.2
87	14.4	12.4	18.6

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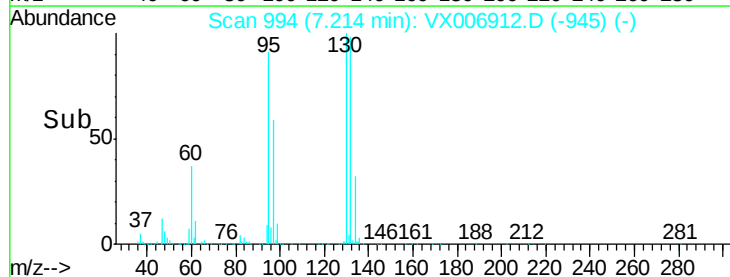
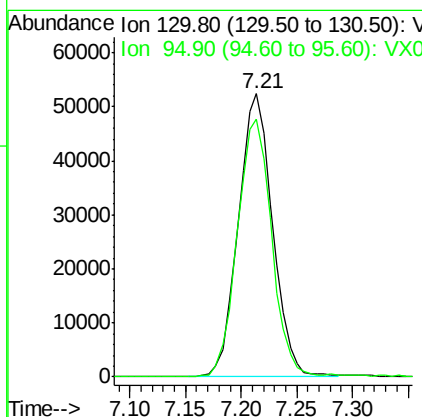
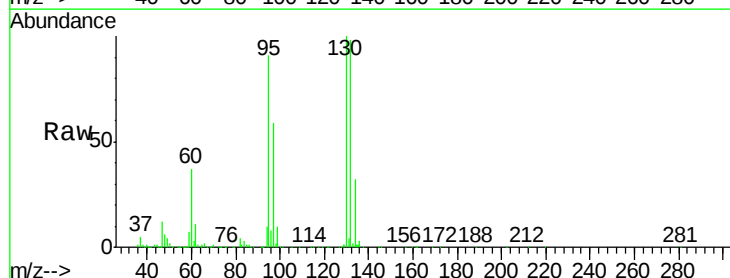
MMDadoda
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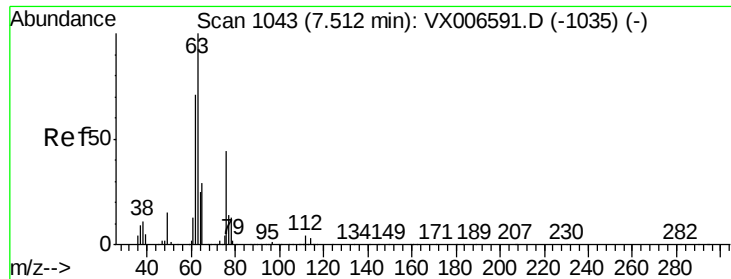


#44

Trichloroethene
 Concen: 18.256 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.892 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 63 Resp: 98222

Ion Ratio Lower Upper

63 100

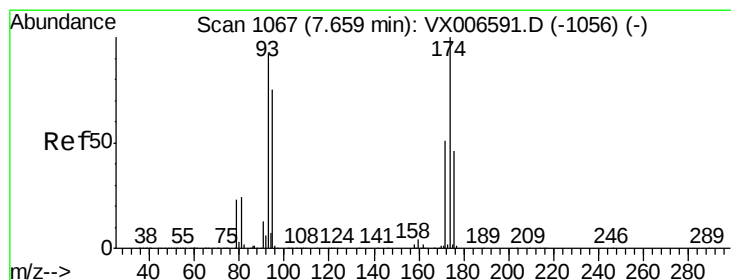
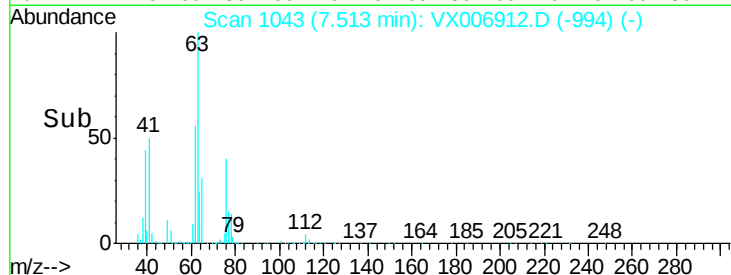
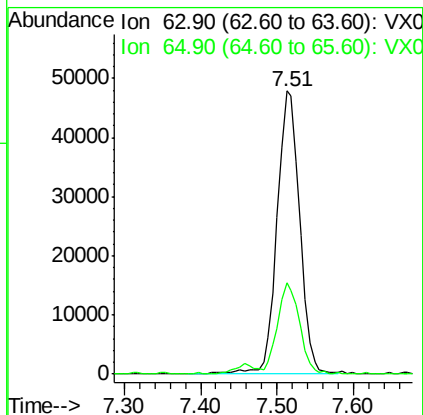
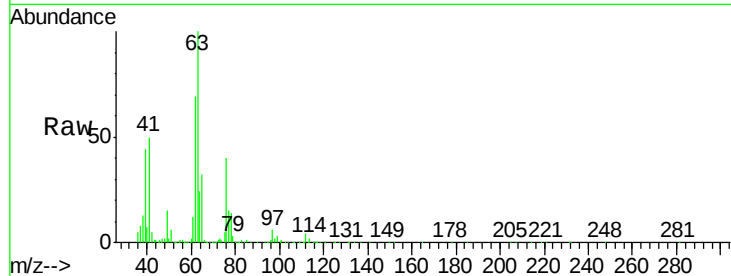
65 31.9 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 18.841 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

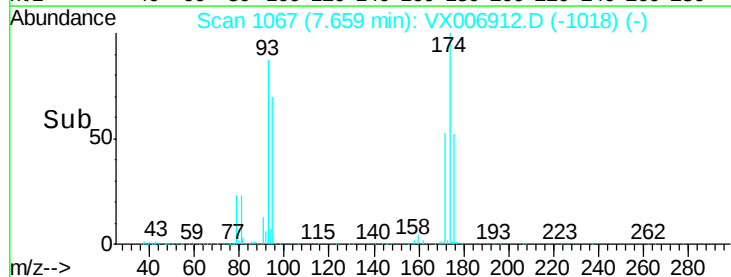
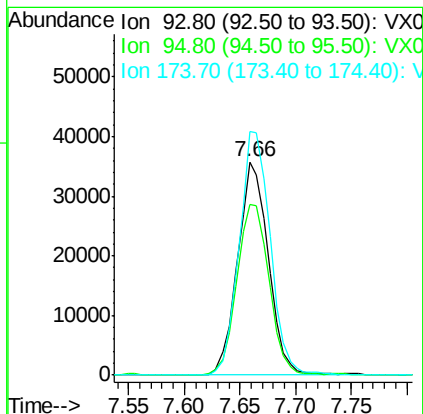
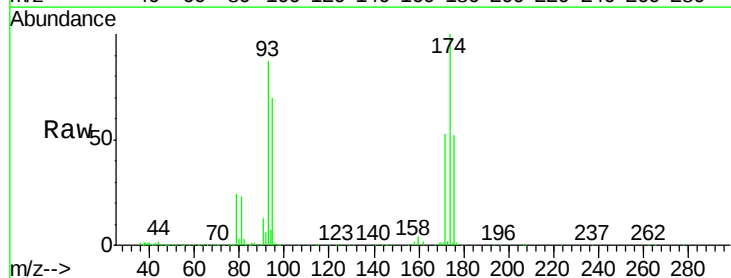
Tgt Ion: 93 Resp: 68432

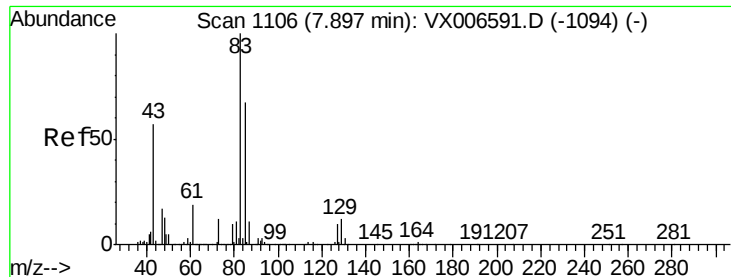
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 116.0 91.0 136.4





#47

Bromodichloromethane

Concen: 19.430 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

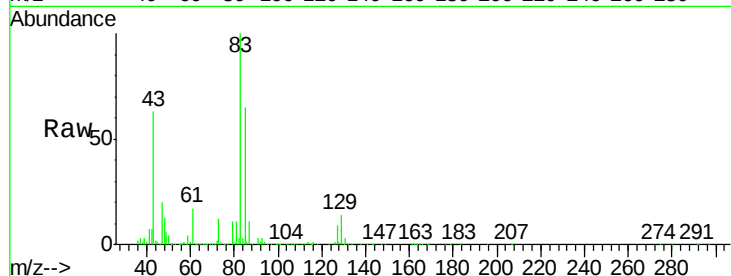
ClientSampleId :

VX0104WBS01

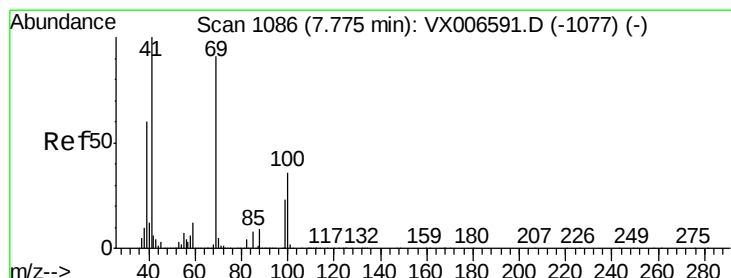
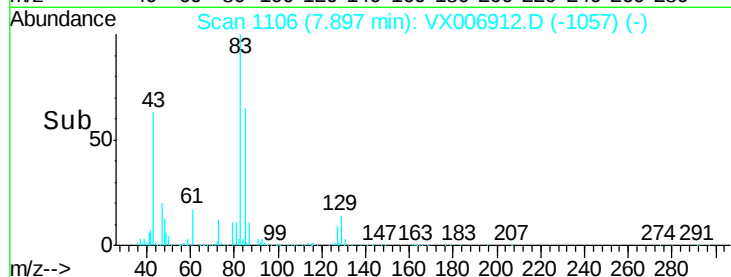
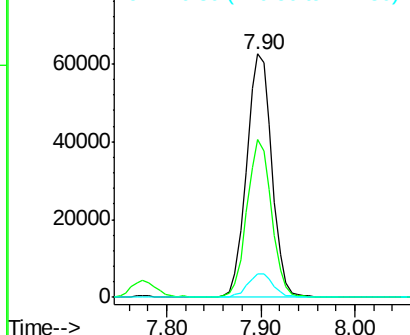
Tot Ion:	83	Resp:	117161
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.2	79.8
127	9.4	7.8	11.6

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.636 ug/l

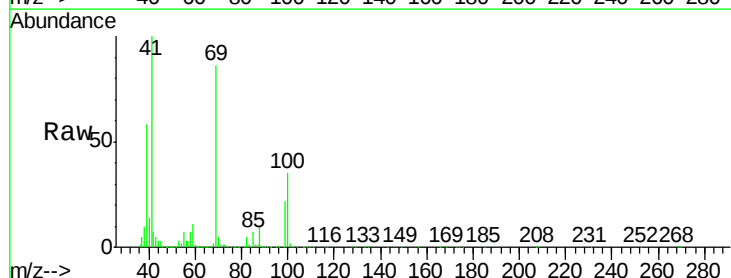
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

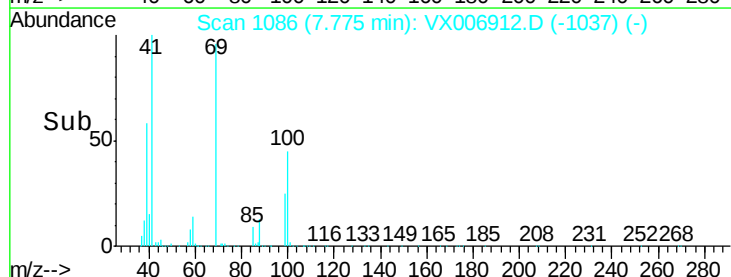
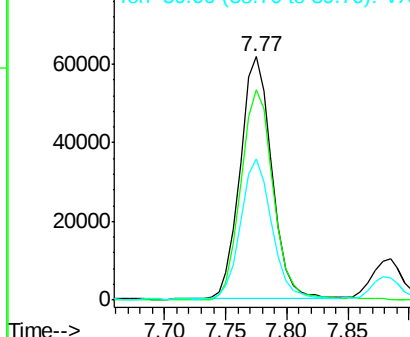
Lab File: VX006912.D

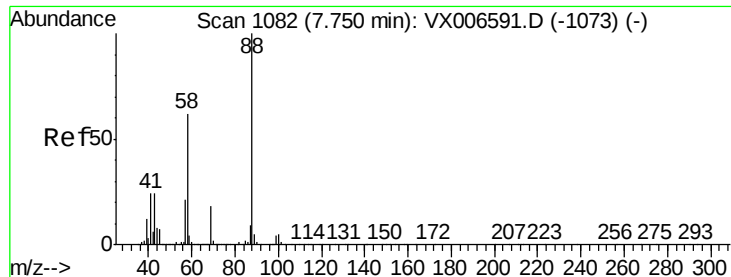
Acq: 04 Jan 2019 14:45

Tgt Ion:	41	Resp:	110938
Ion Ratio	Lower	Upper	
41	100		
69	89.0	72.4	108.6
39	57.1	45.8	68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 365.732 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

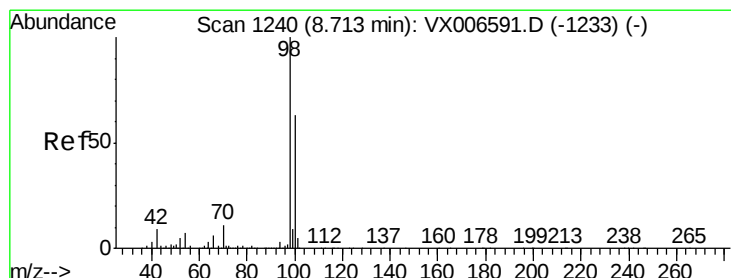
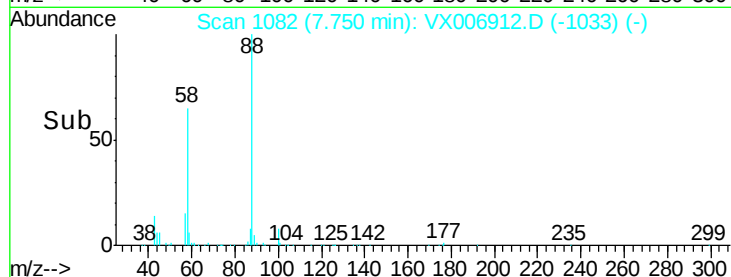
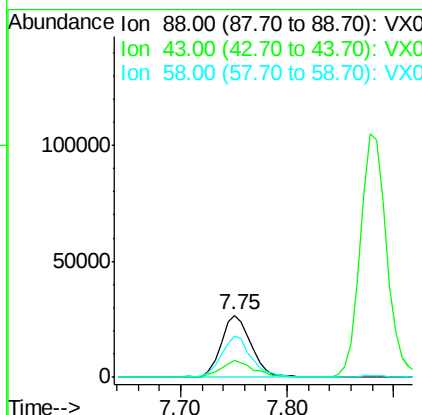
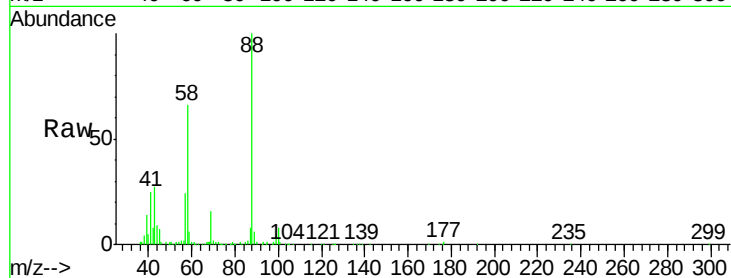
ClientSampled :

VX0104WBS01

Tot Ion:	88	Resp:	53217
Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.2	33.4
58	63.7	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 49.672 ug/l

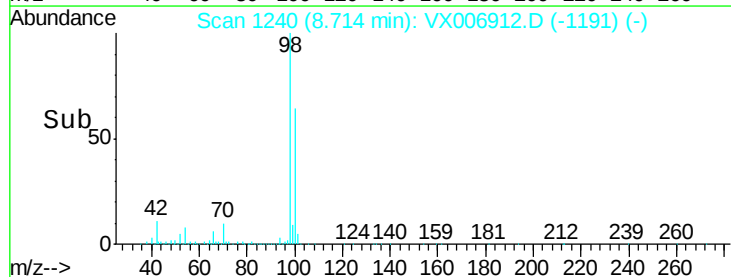
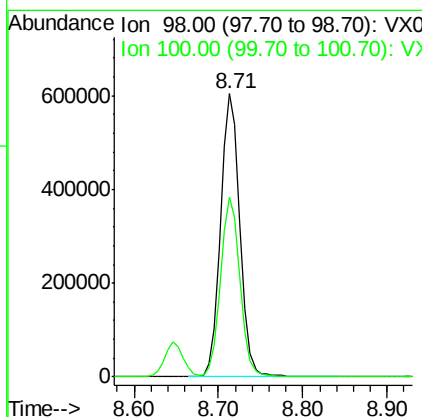
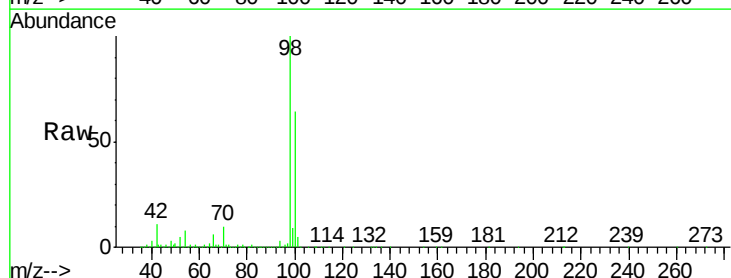
RT: 8.71 min Scan# 1240

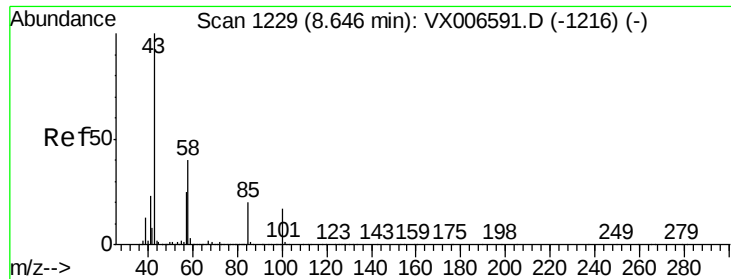
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	98	Resp:	954469
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 105.361 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 43 Resp: 708698

Ion Ratio Lower Upper

43 100

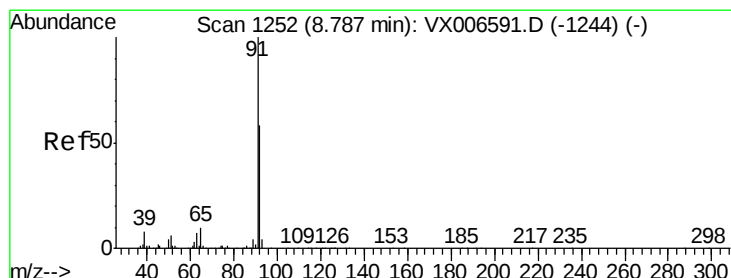
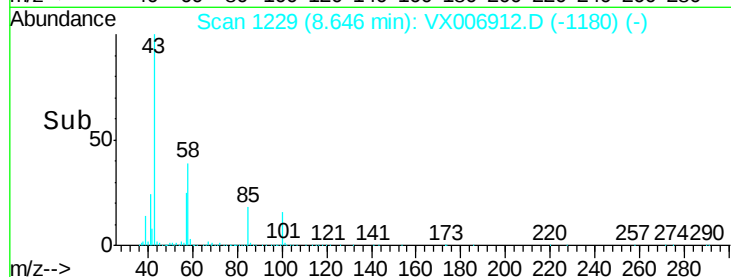
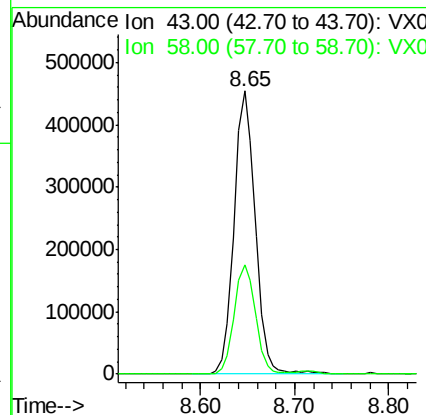
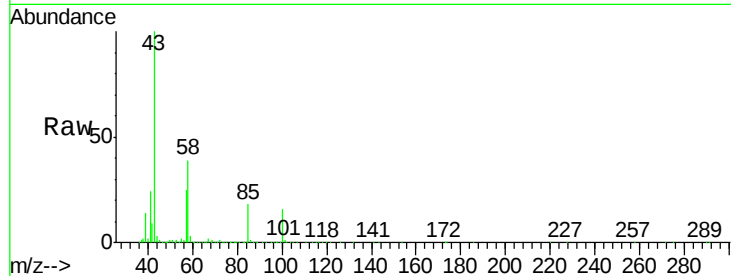
58 39.1 31.8 47.6

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#52

Toluene

Concen: 19.194 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006912.D

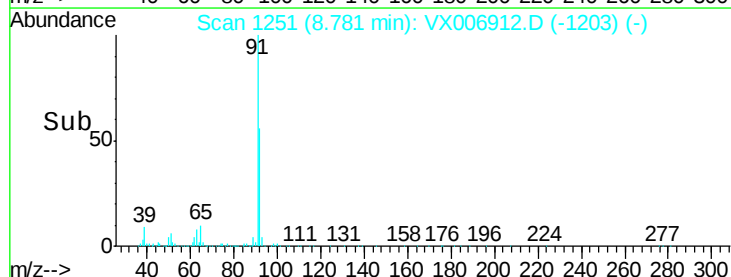
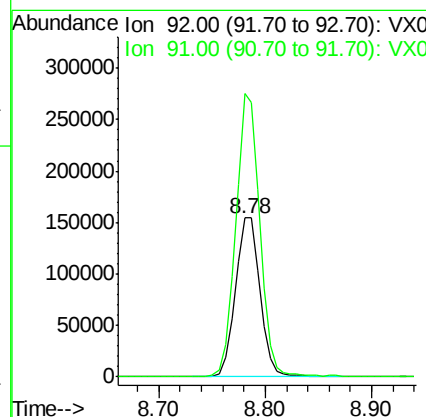
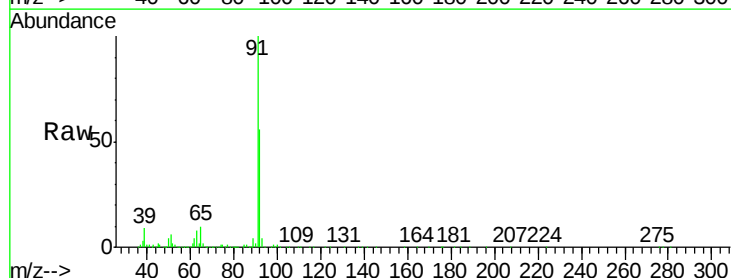
Acq: 04 Jan 2019 14:45

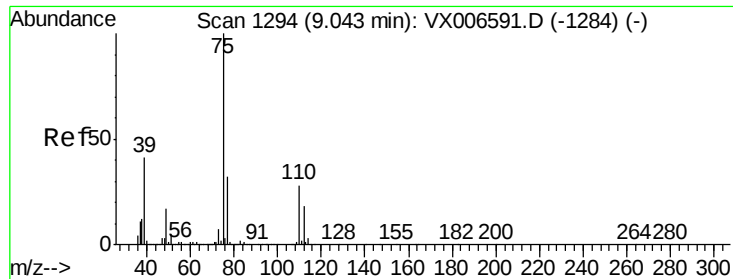
Tgt Ion: 92 Resp: 251608

Ion Ratio Lower Upper

92 100

91 172.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.450 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

Tot Ion: 75 Resp: 125783

Ion Ratio Lower Upper

75 100

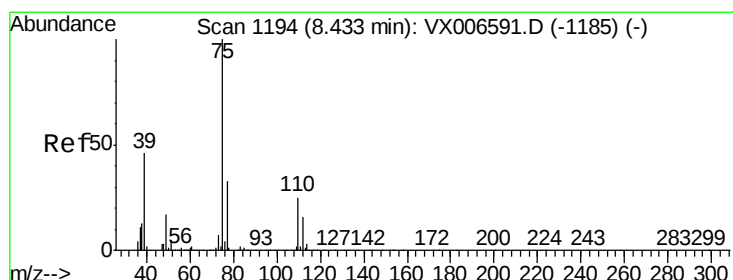
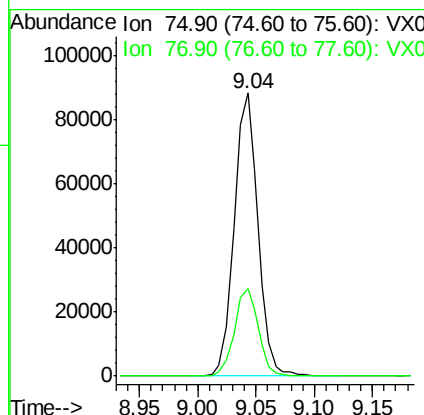
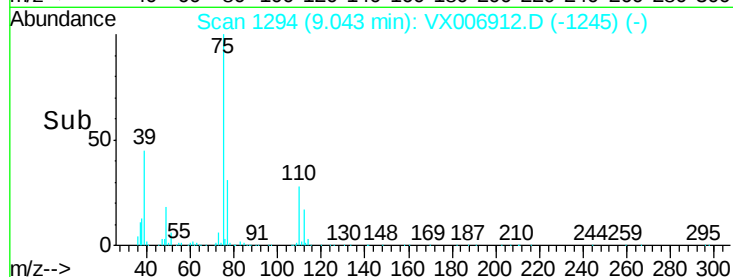
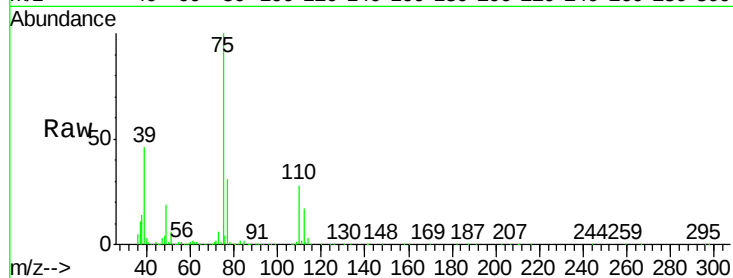
77 30.7 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.598 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

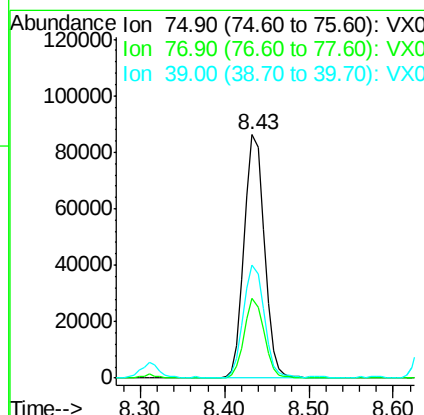
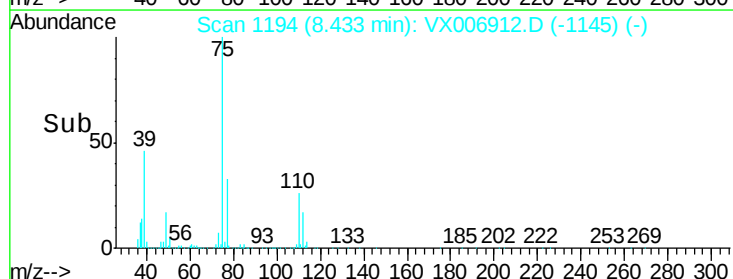
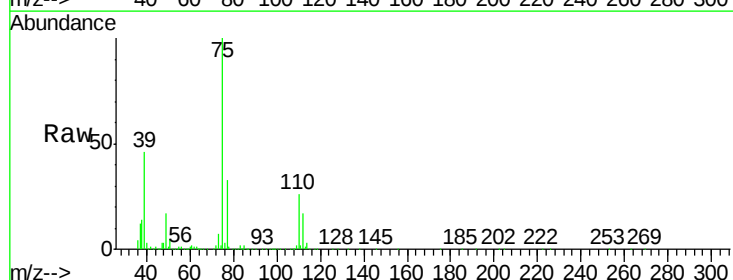
Tgt Ion: 75 Resp: 139071

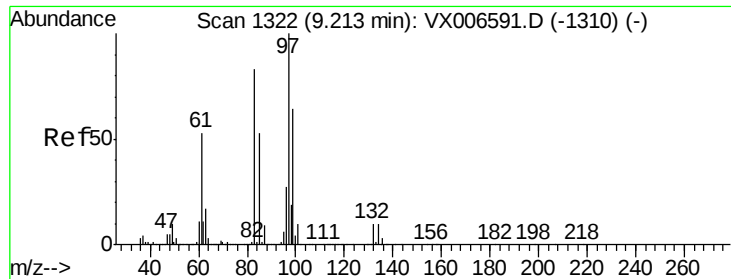
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

39 46.1 36.7 55.1





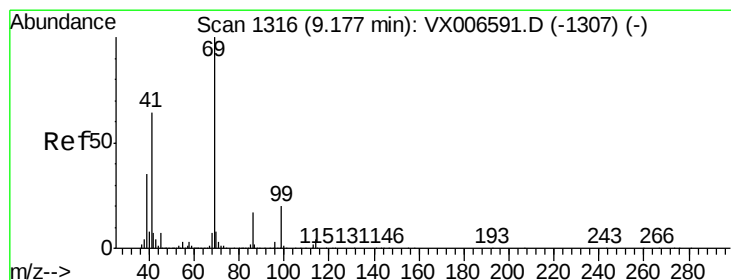
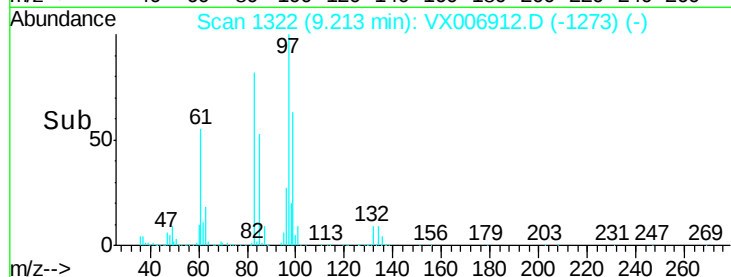
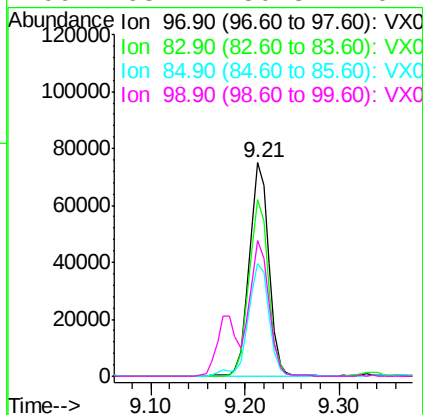
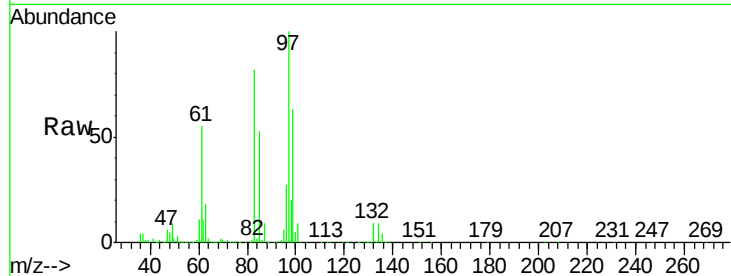
#55
 1,1,2-Trichloroethane
 Concen: 20.449 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109725		
83	82.5	66.6	99.8		
85	52.5	42.7	64.1		
99	63.2	50.8	76.2		

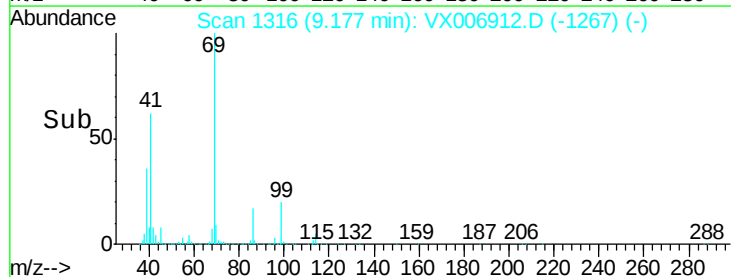
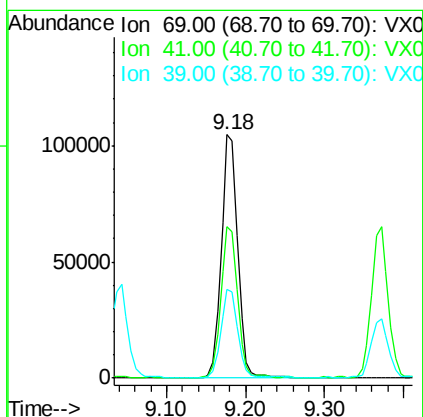
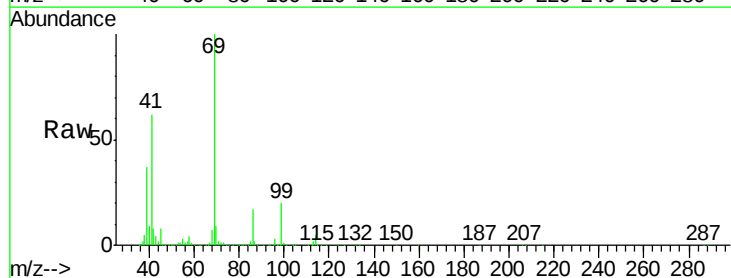
Manual Integrations
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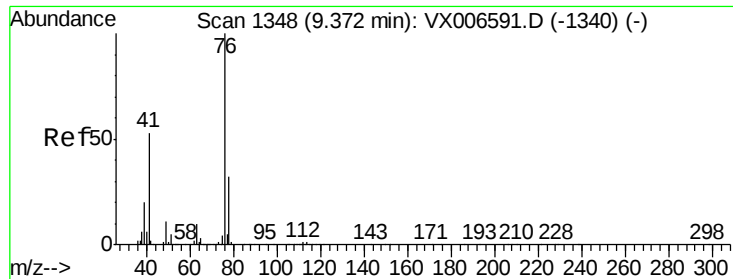
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#56
 Ethyl methacrylate
 Concen: 20.109 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		152500		
41	62.8	48.7	73.1		
39	37.0	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 19.811 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 76 Resp: 171029

Ion Ratio Lower Upper

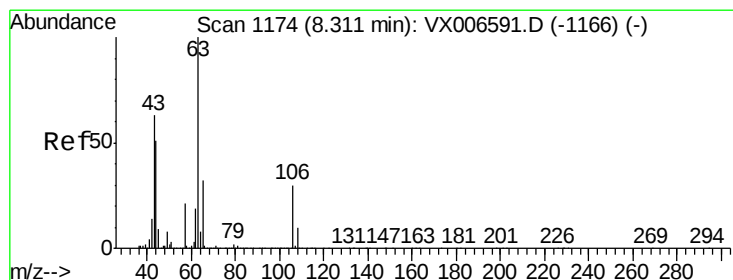
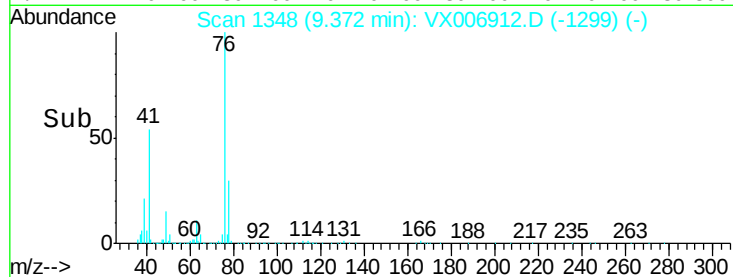
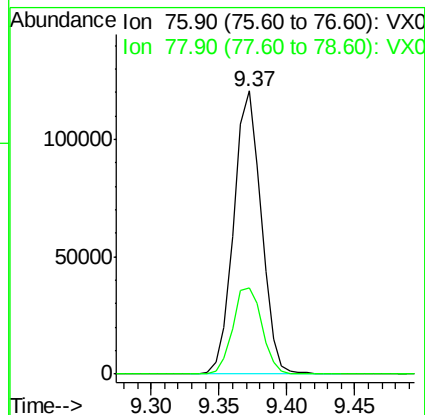
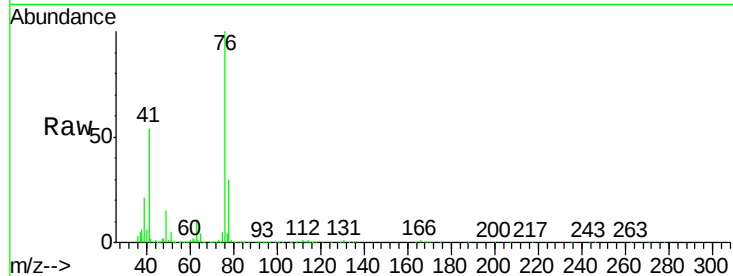
76 100

78 32.6 26.0 39.0

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 96.743 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006912.D

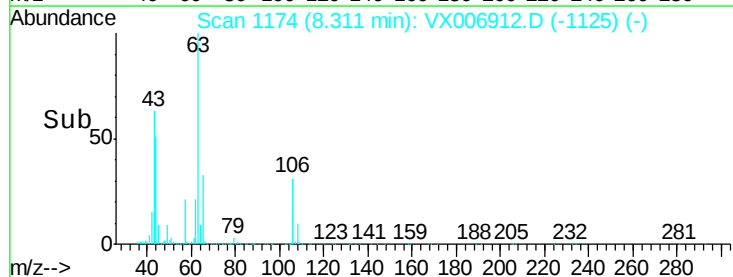
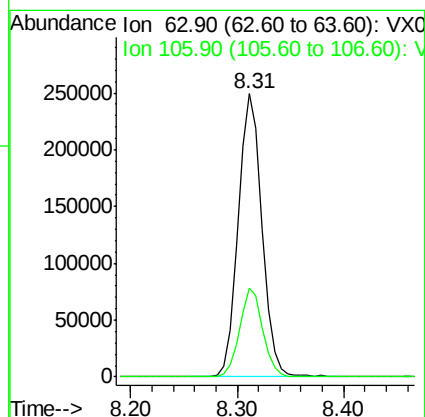
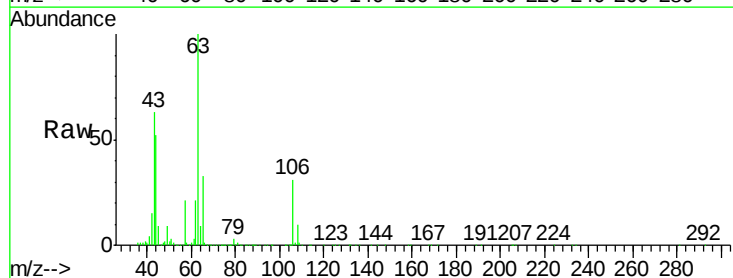
Acq: 04 Jan 2019 14:45

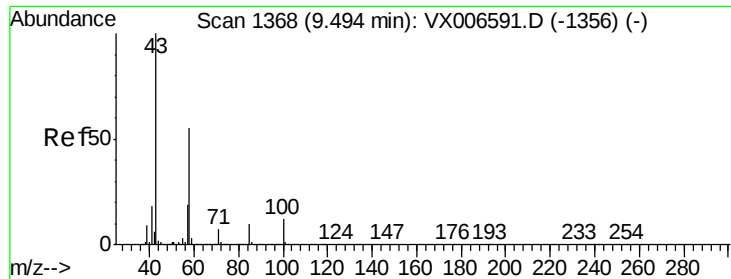
Tgt Ion: 63 Resp: 389997

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8





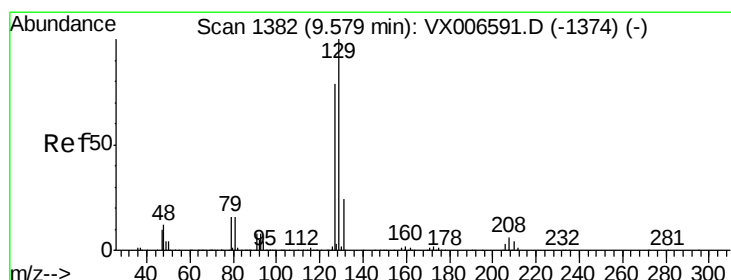
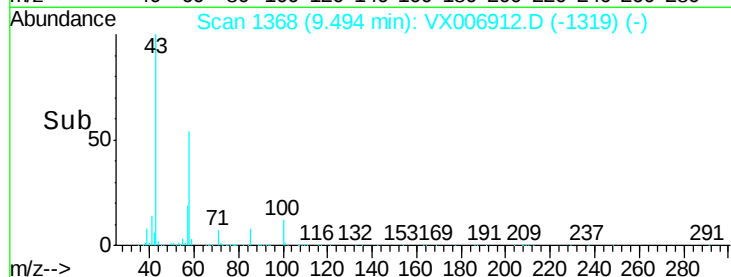
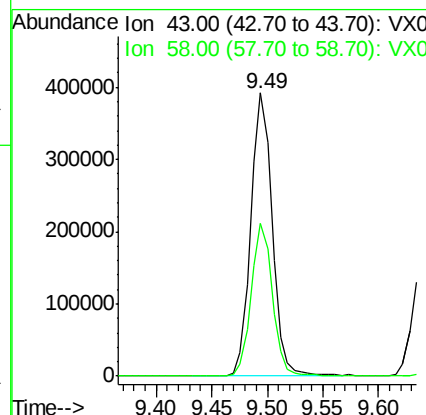
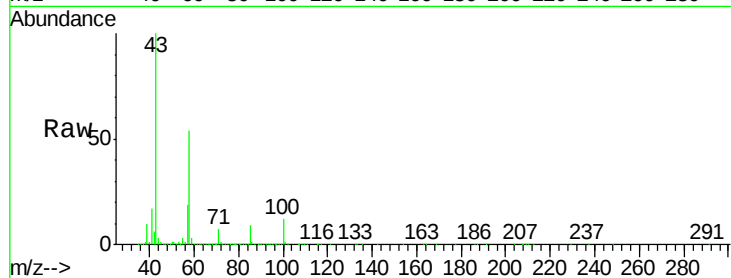
#59
2-Hexanone
Concen: 101.899 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion: 43 Resp: 524421
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1

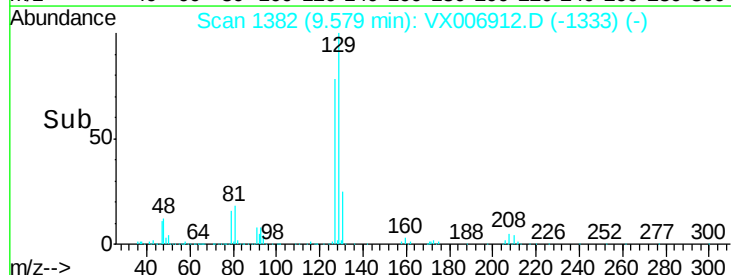
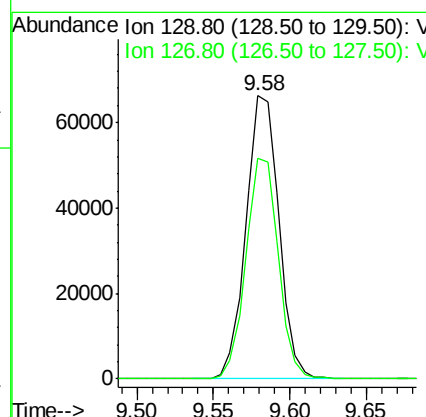
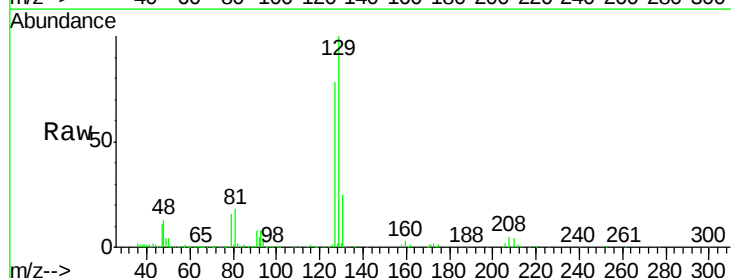
Manual Integrations
APPROVED

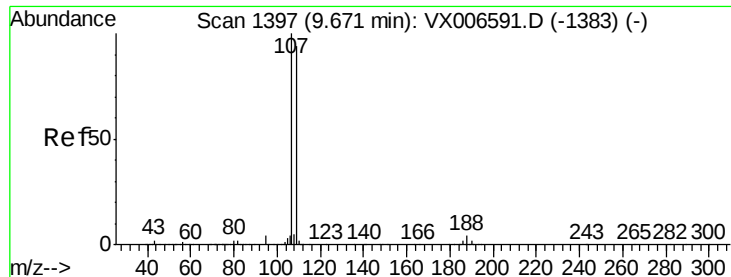
MMDadoda
1/7/2019 11:04:18 AM



#60
Dibromochloromethane
Concen: 19.186 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion: 129 Resp: 99241
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.769 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

Tot Ion: 107 Resp: 112759

Ion Ratio Lower Upper

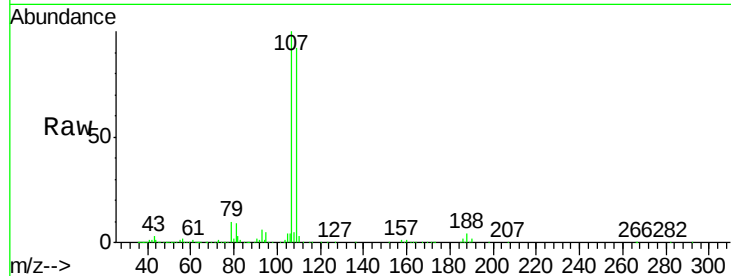
107 100

109 95.7 75.8 113.6

Manual Integrations
APPROVED

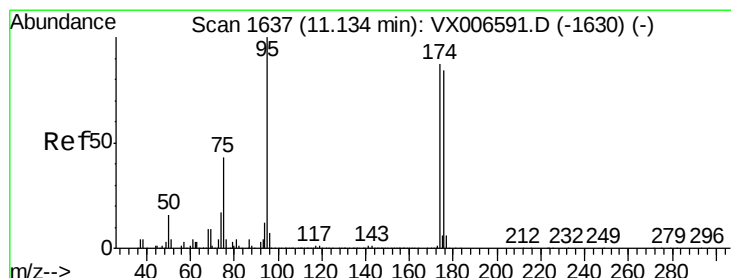
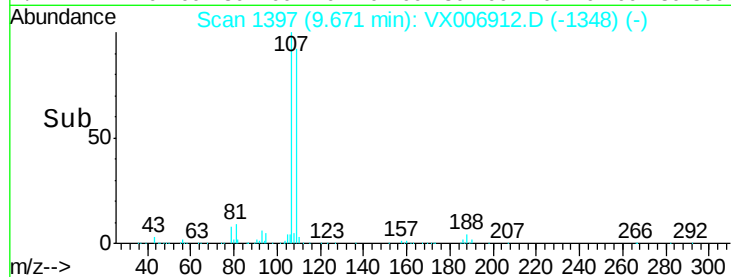
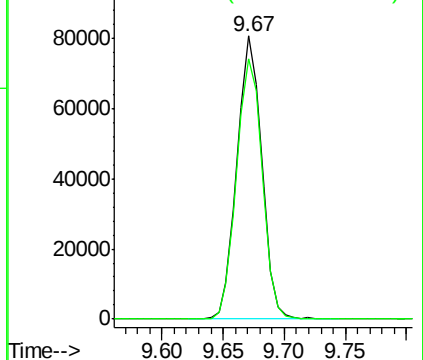
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.331 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

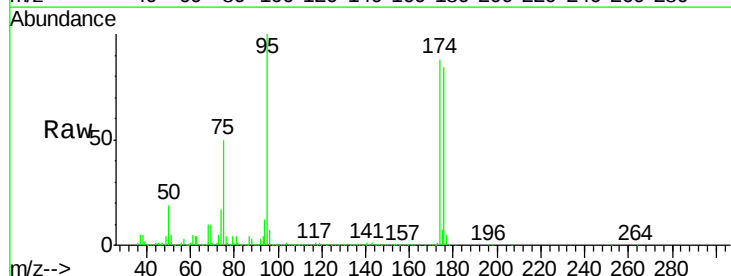
Tgt Ion: 95 Resp: 340131

Ion Ratio Lower Upper

95 100

174 95.7 0.0 182.2

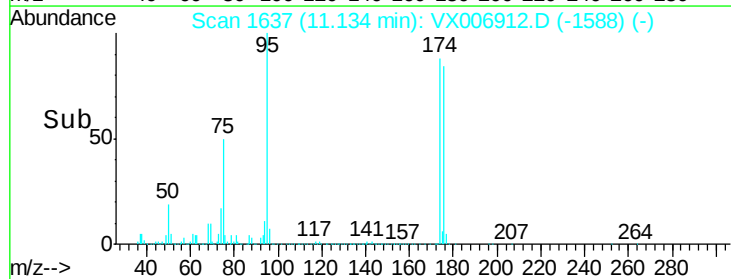
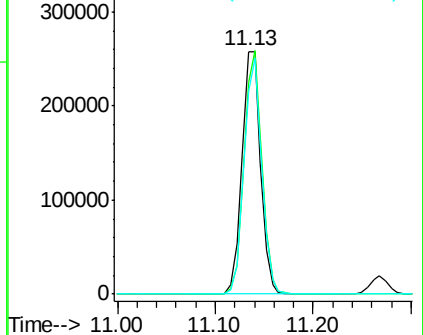
176 92.6 0.0 178.8

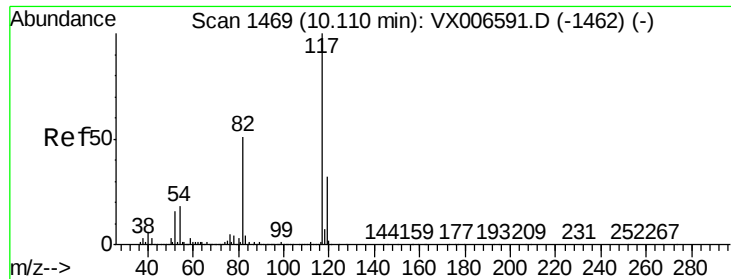


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





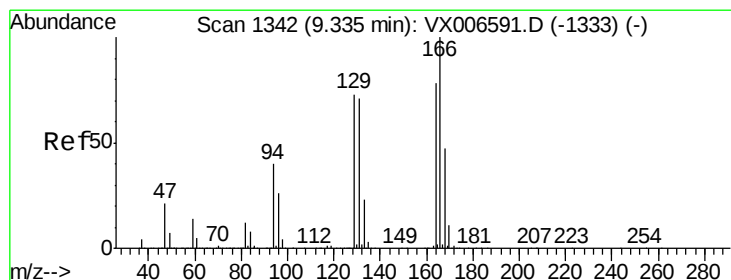
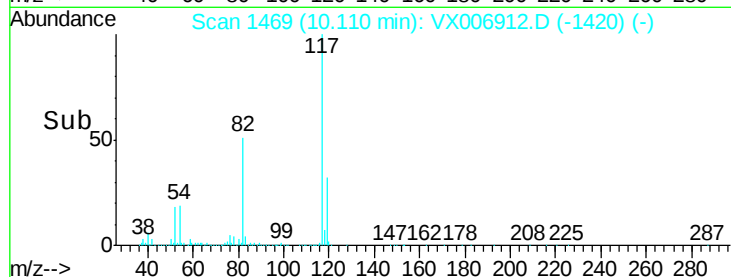
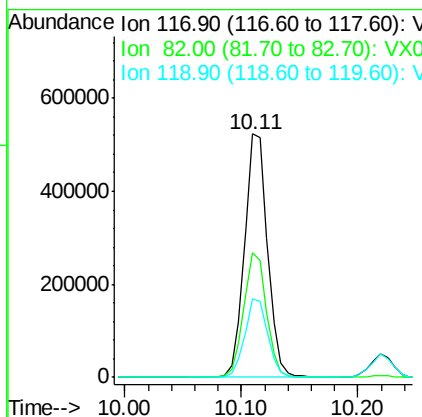
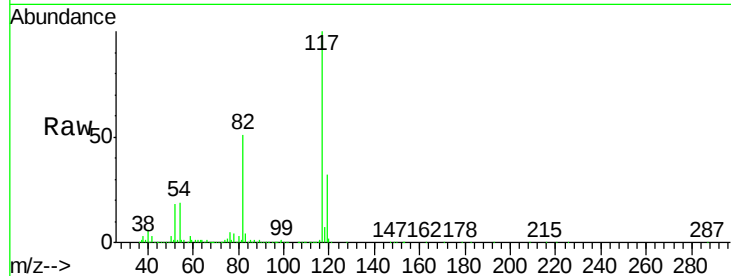
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.0	61.6
119	32.1	25.4	38.0

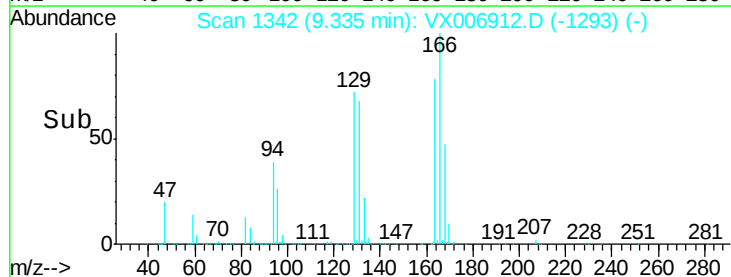
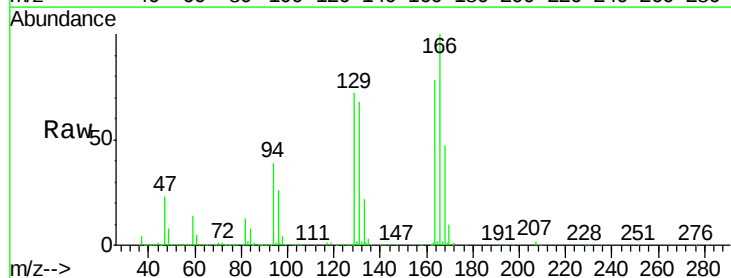
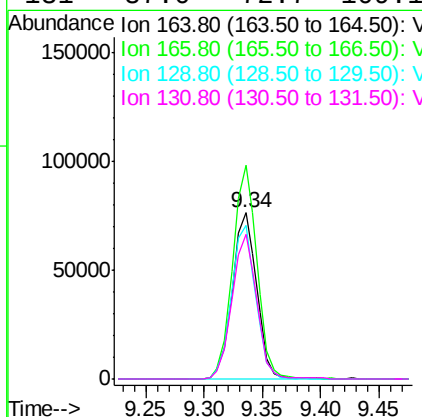
Manual Integrations
APPROVED

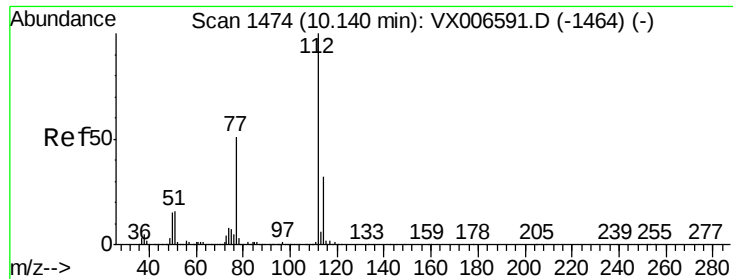
MMDadoda
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#64
Tetrachloroethene
Concen: 19.531 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.5	153.7
129	92.8	75.1	112.7
131	87.0	72.7	109.1





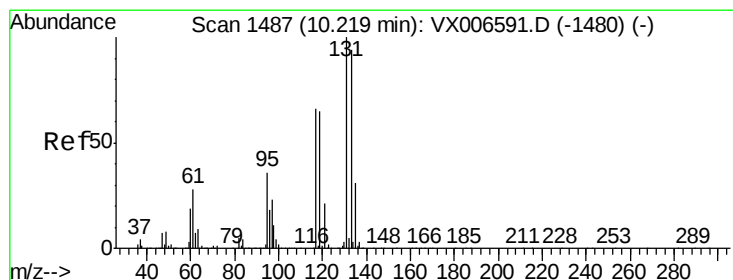
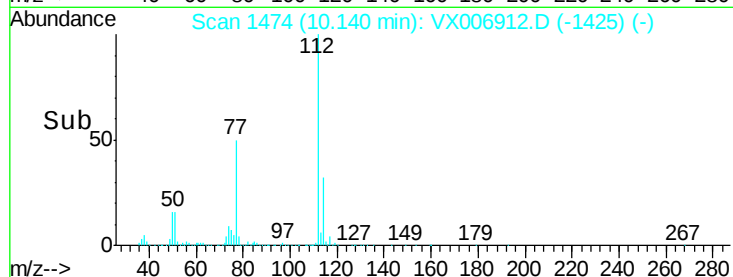
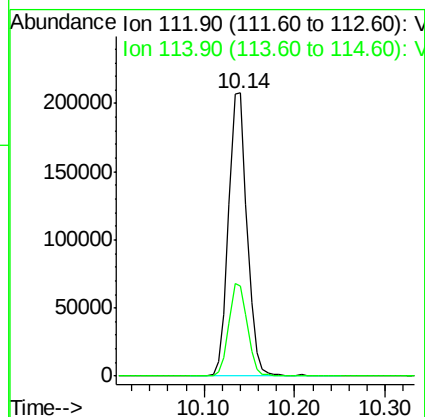
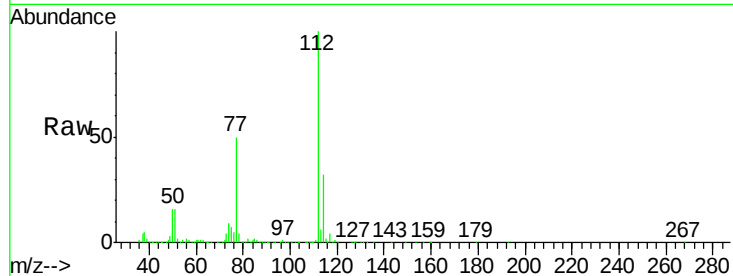
#65
Chlorobenzene
Concen: 19.352 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion:112 Resp: 296554
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

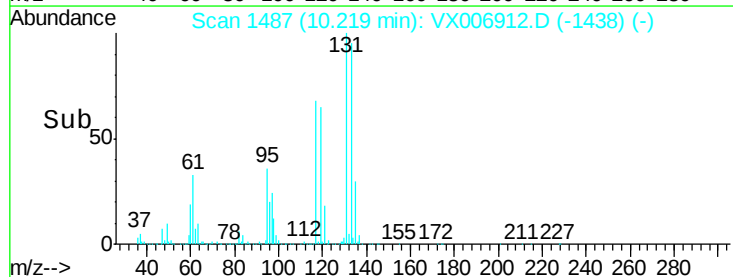
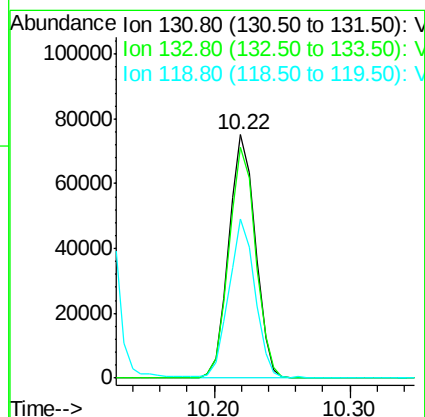
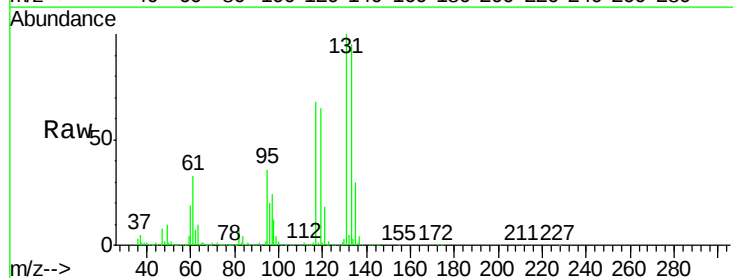
Manual Integrations
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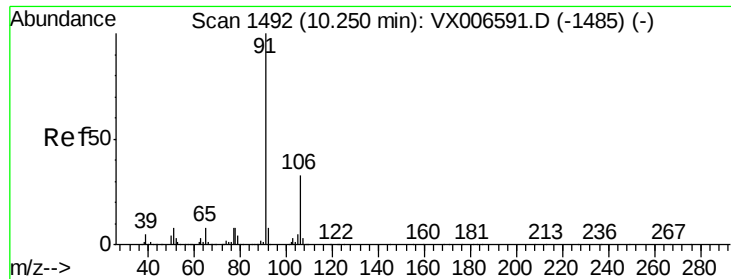
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.390 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion:131 Resp: 102270
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 64.1 32.6 97.8





#67

Ethyl Benzene

Concen: 19.381 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 91 Resp: 485330

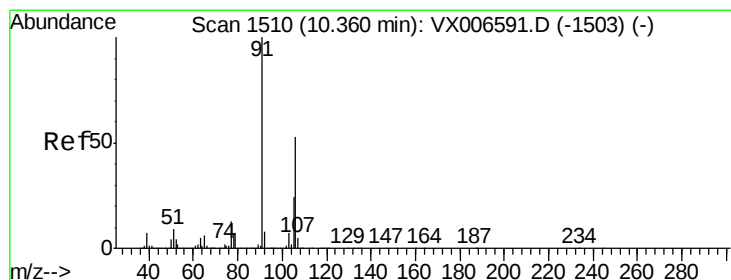
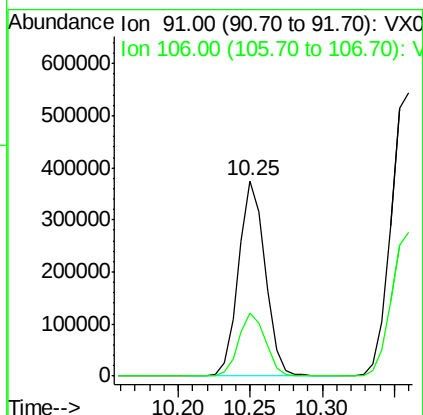
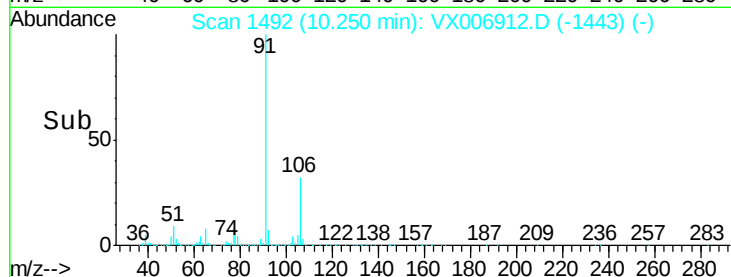
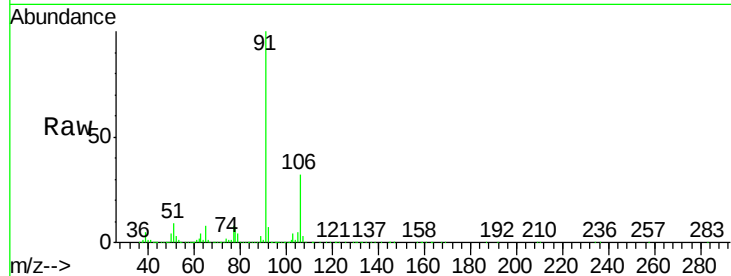
Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.797 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006912.D

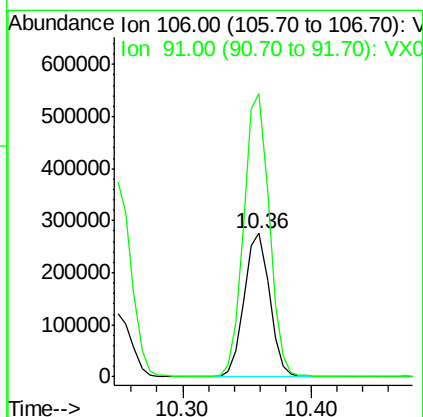
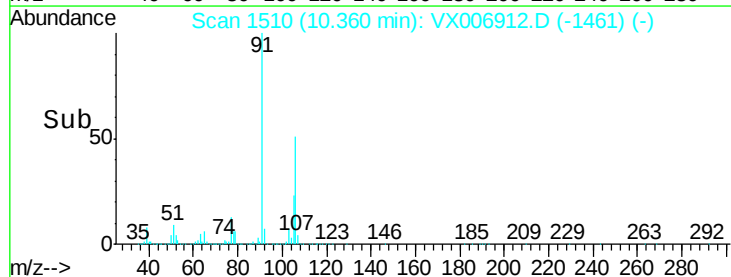
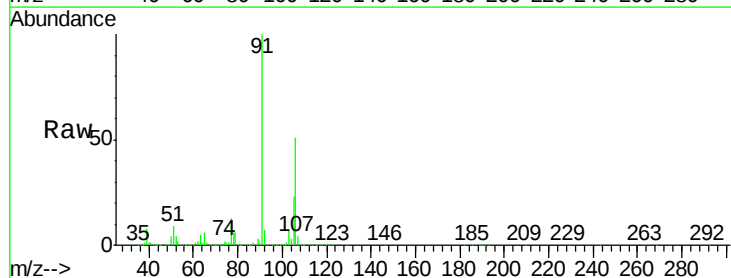
Acq: 04 Jan 2019 14:45

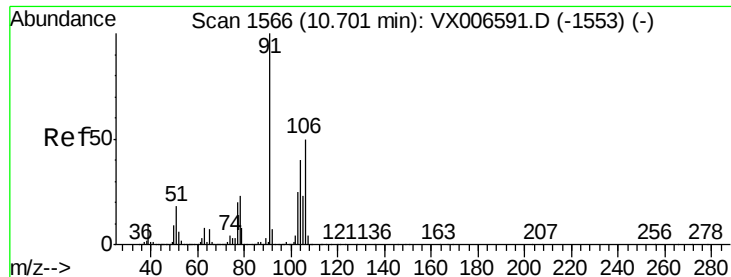
Tgt Ion: 106 Resp: 373477

Ion Ratio Lower Upper

106 100

91 198.9 155.8 233.6





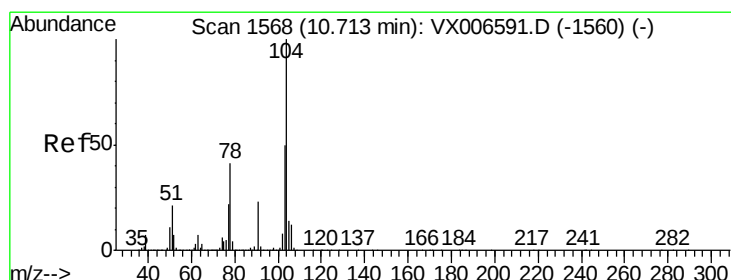
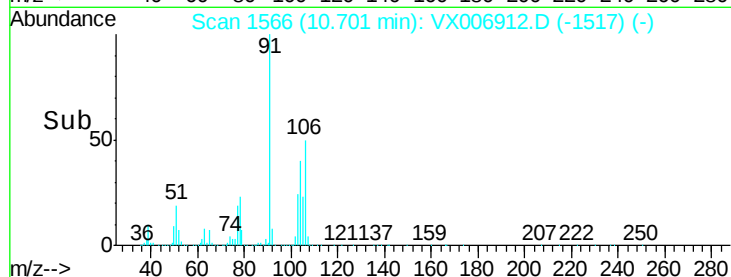
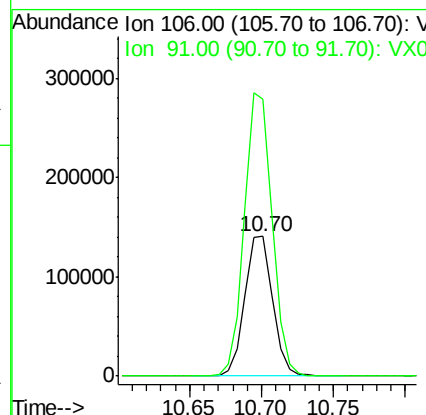
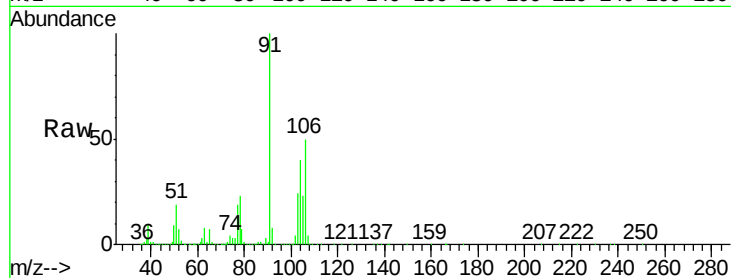
#69
o-Xylene
Concen: 19.419 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion:106 Resp: 189476
Ion Ratio Lower Upper
106 100
91 201.8 101.3 303.7

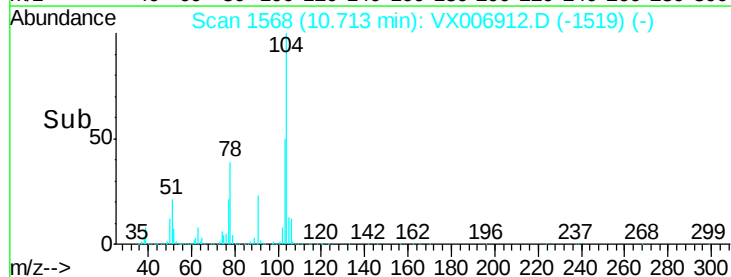
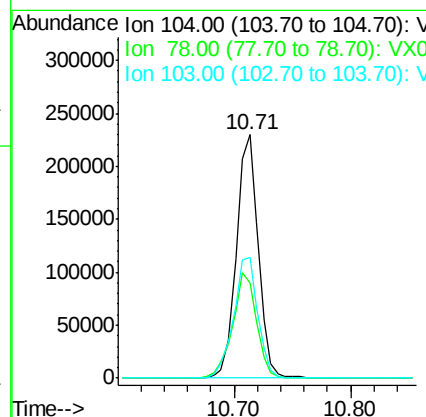
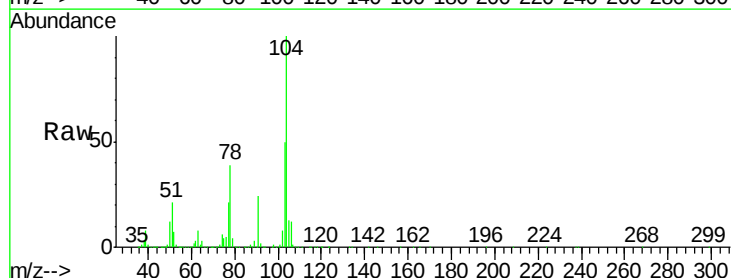
Manual Integrations
APPROVED

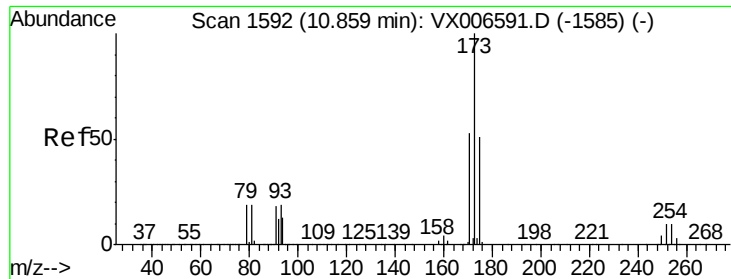
MMDadoda
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#70
Styrene
Concen: 19.511 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion:104 Resp: 301185
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 19.223 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

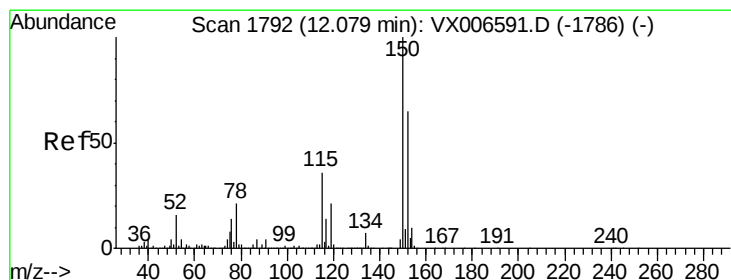
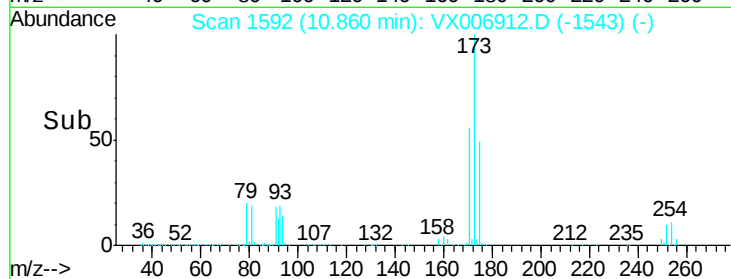
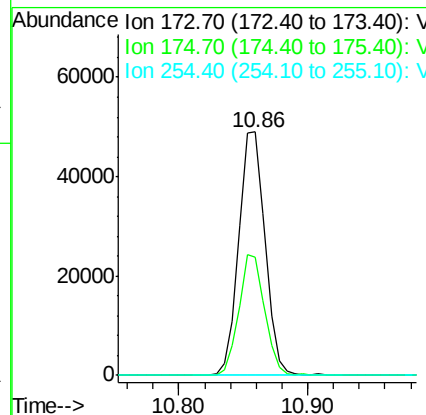
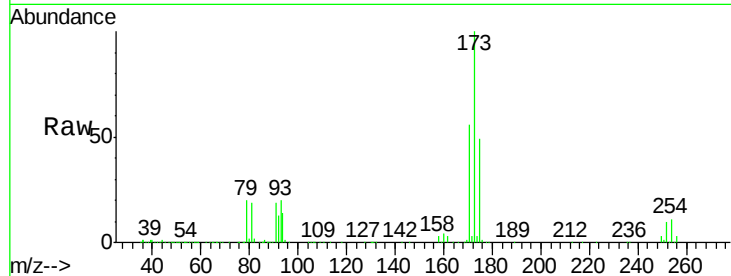
ClientSampleId :

VX0104WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.7	74.1
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

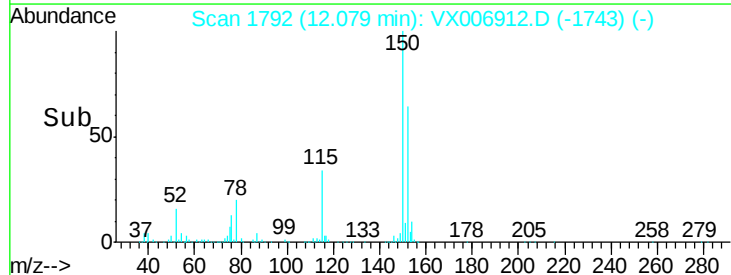
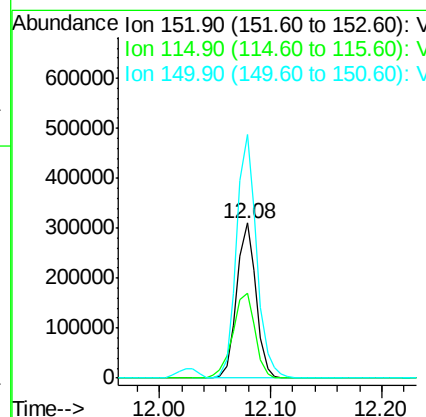
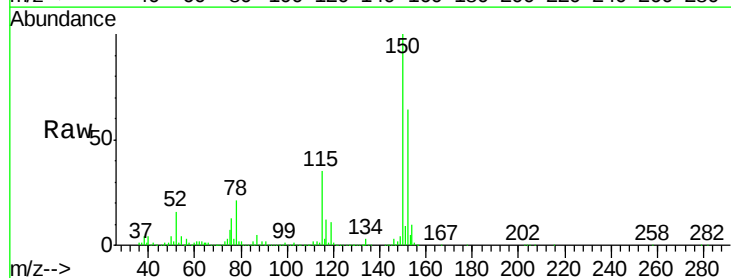
RT: 12.08 min Scan# 1792

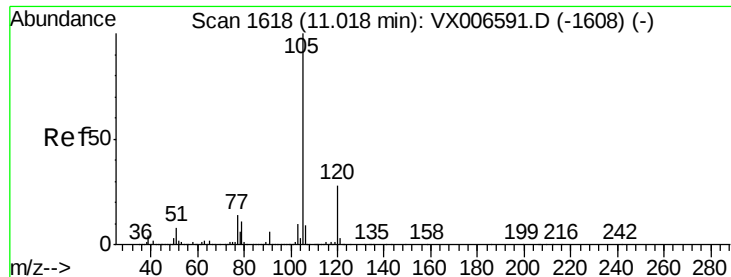
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	39.1	117.2
150	164.6	0.0	344.8





#73

Isopropylbenzene

Concen: 19.961 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 105 Resp: 503998

Ion Ratio Lower Upper

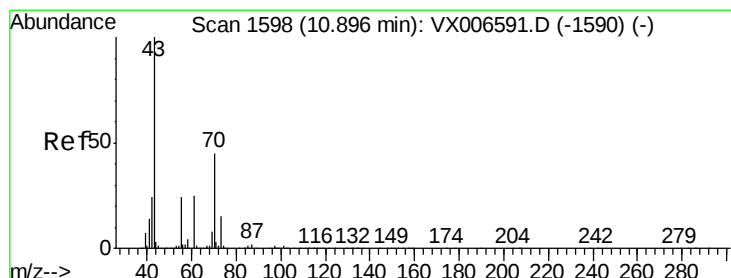
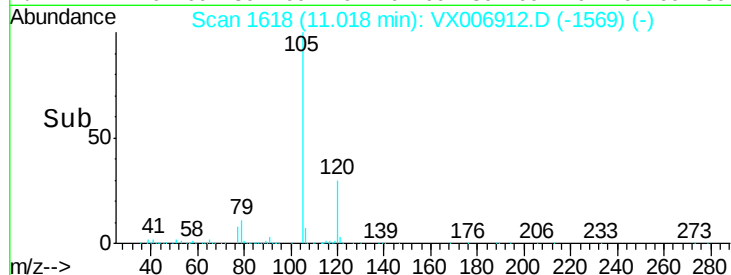
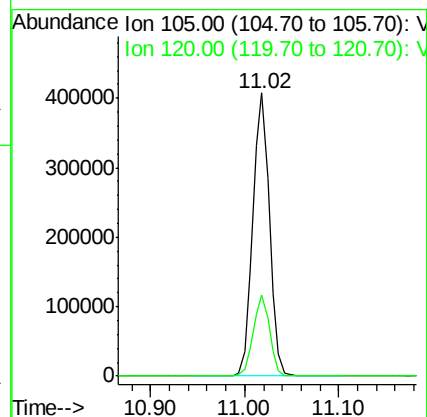
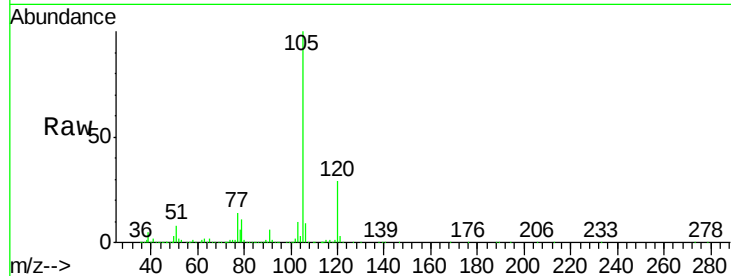
105 100

120 28.2 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 21.358 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion: 43 Resp: 193025

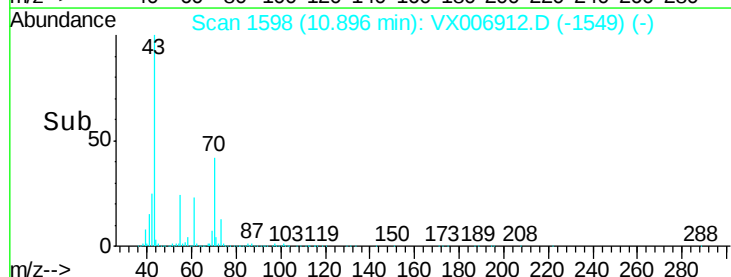
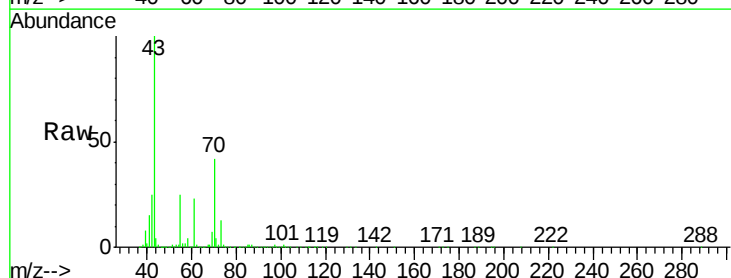
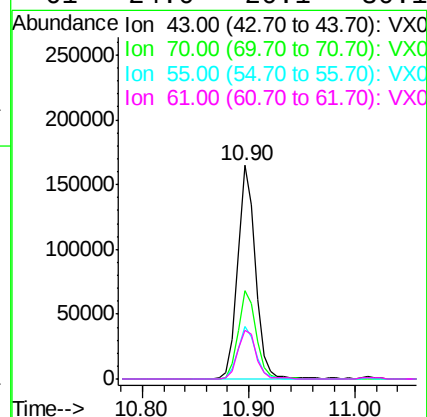
Ion Ratio Lower Upper

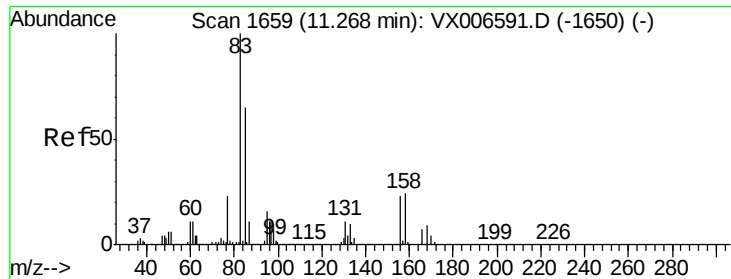
43 100

70 42.3 35.8 53.8

55 24.5 19.4 29.0

61 24.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.791 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 83 Resp: 156122

Ion Ratio Lower Upper

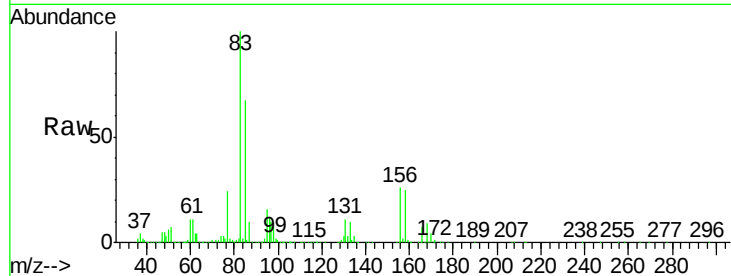
83 100

131 11.3 5.7 17.1

85 66.3 32.2 96.6

Manual Integrations
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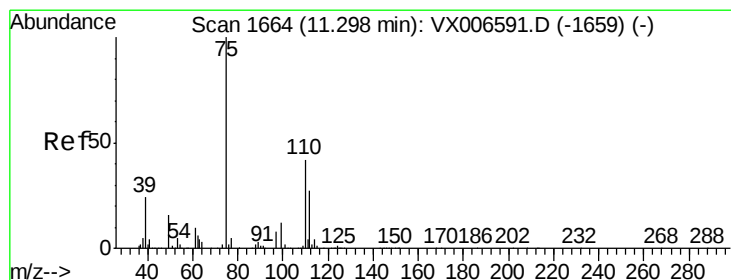
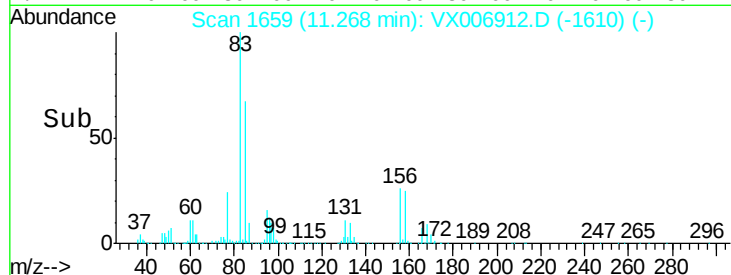
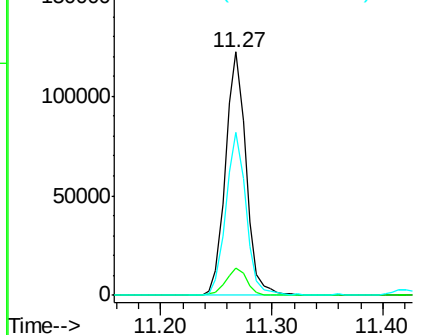
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.713 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006912.D

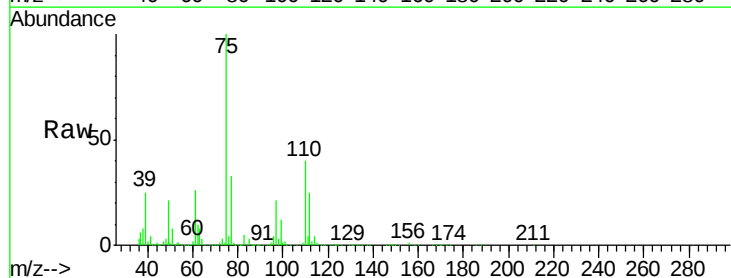
Acq: 04 Jan 2019 14:45

Tgt Ion: 75 Resp: 142068

Ion Ratio Lower Upper

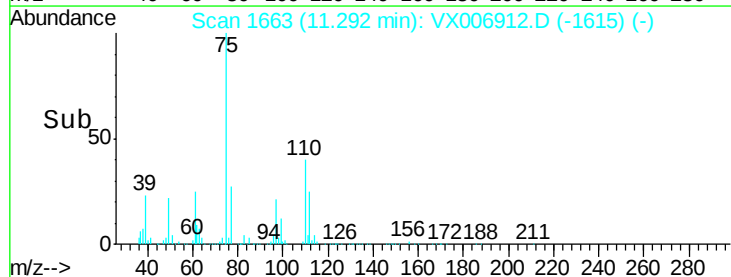
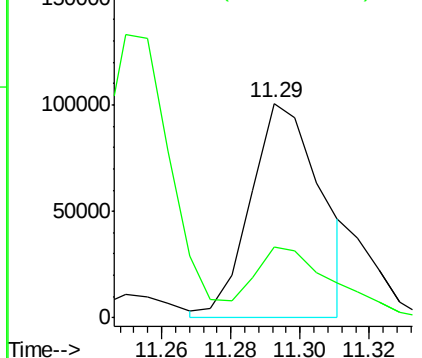
75 100

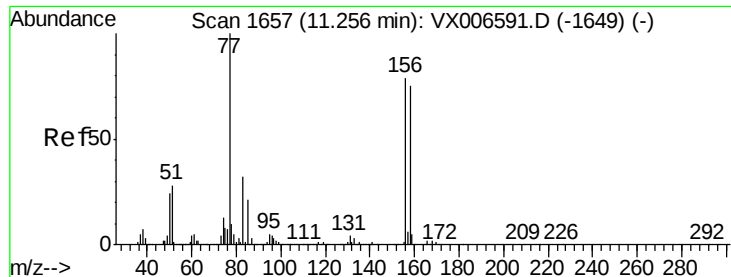
77 37.1 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.927 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

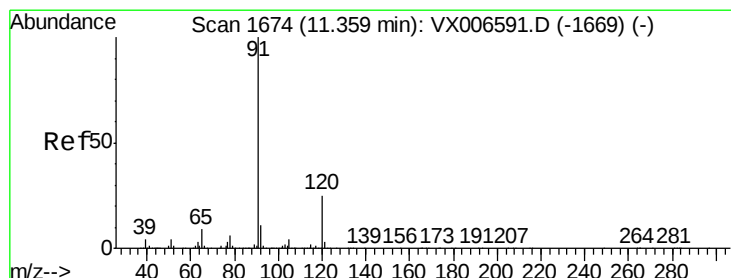
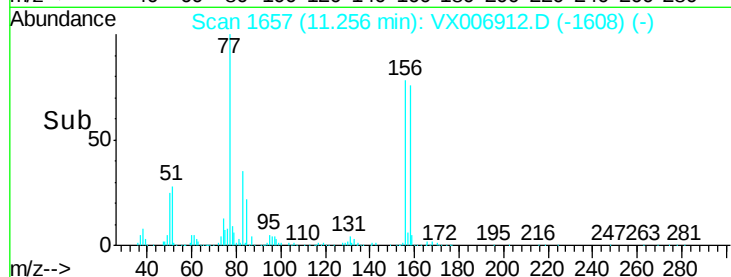
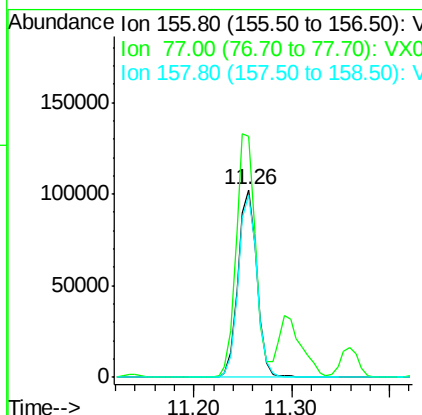
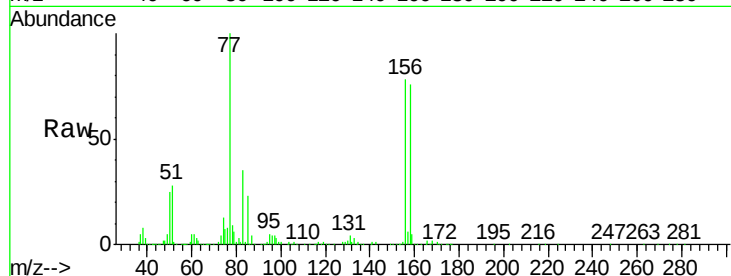
ClientSampleId :

VX0104WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.4	68.0	204.0
158	97.3	48.3	144.8

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#78

n-propylbenzene

Concen: 19.963 ug/l

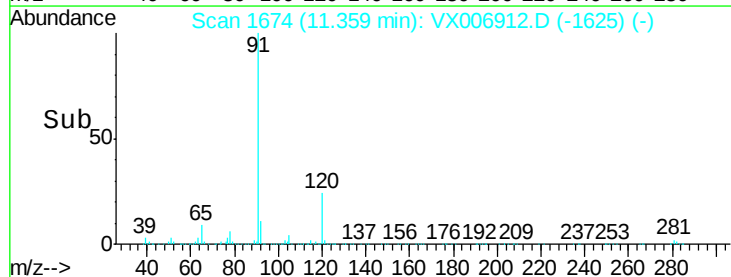
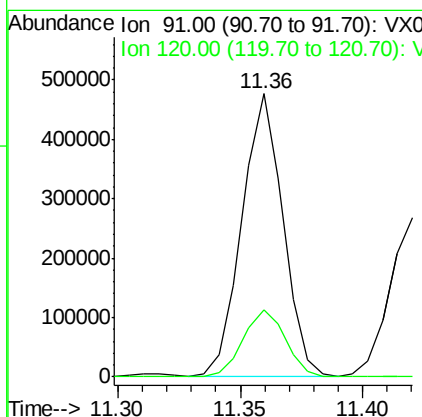
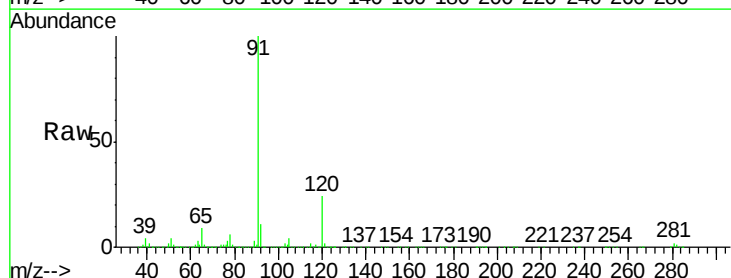
RT: 11.36 min Scan# 1674

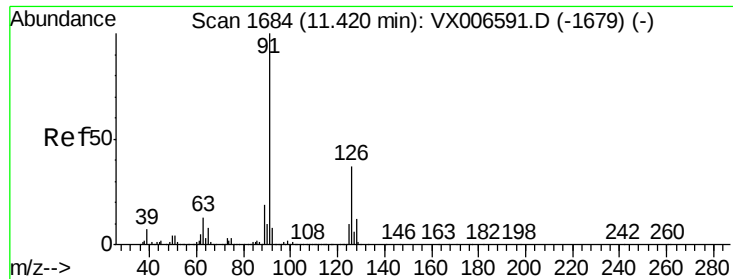
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.578 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampled :

VX0104WBS01

Tot Ion: 91 Resp: 329885

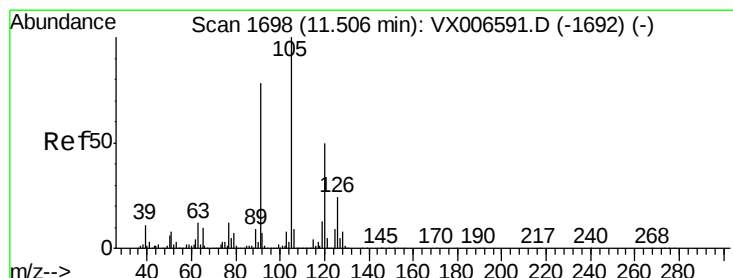
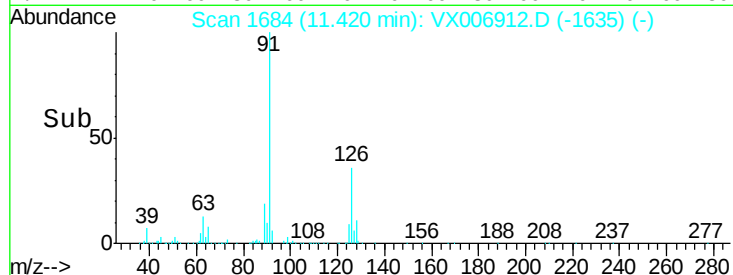
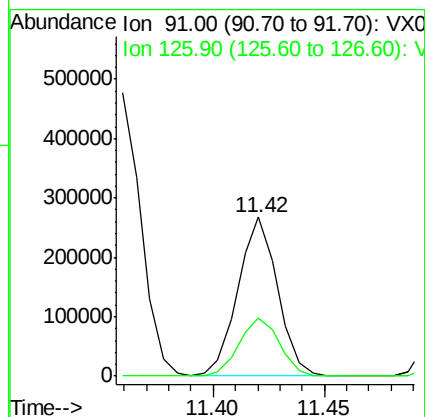
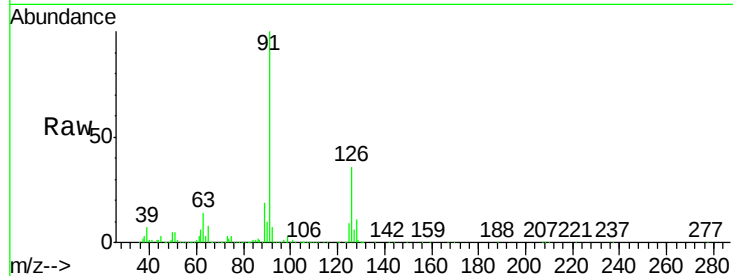
Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.835 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006912.D

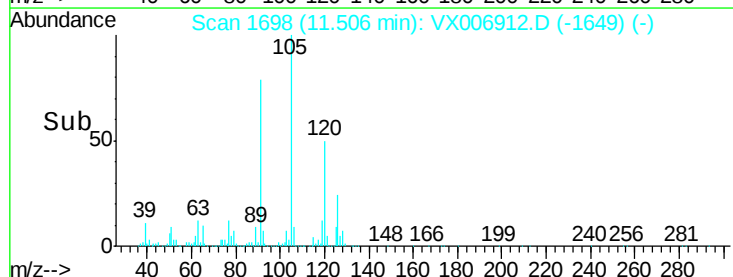
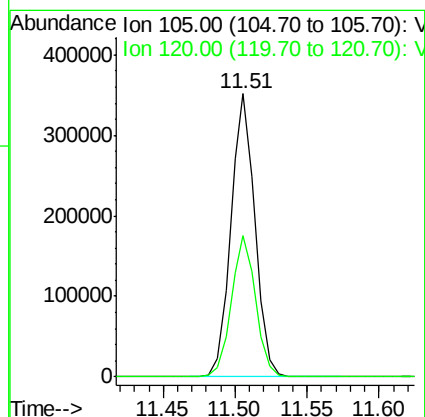
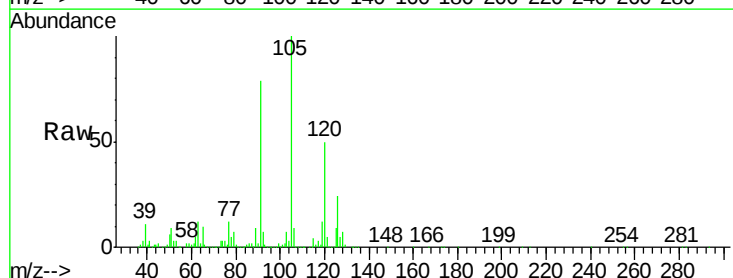
Acq: 04 Jan 2019 14:45

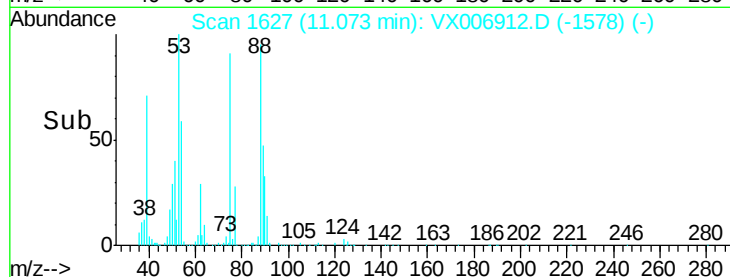
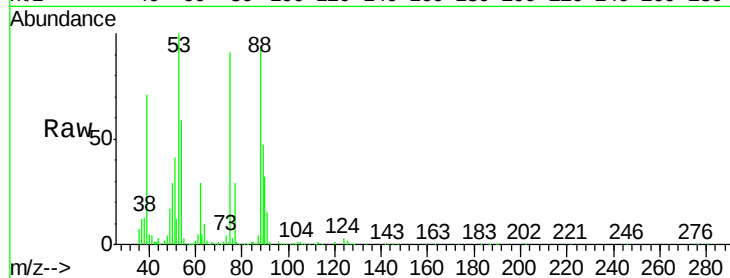
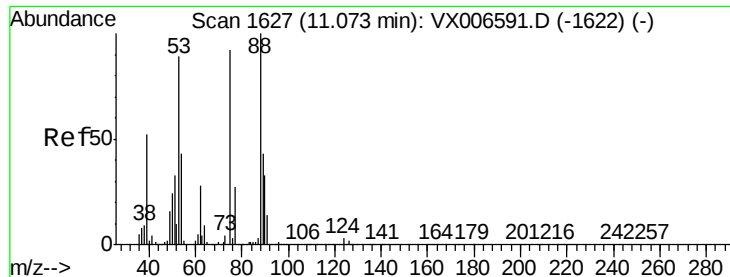
Tgt Ion: 105 Resp: 412508

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





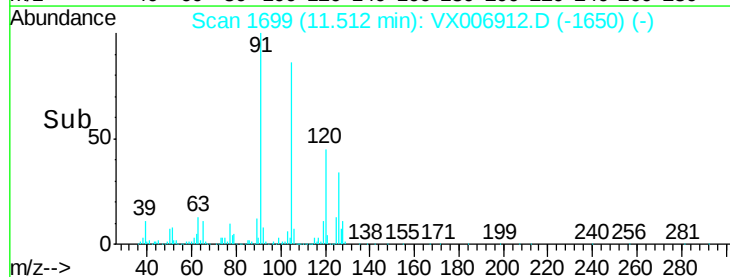
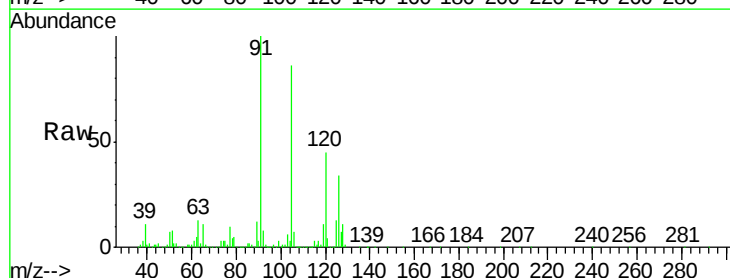
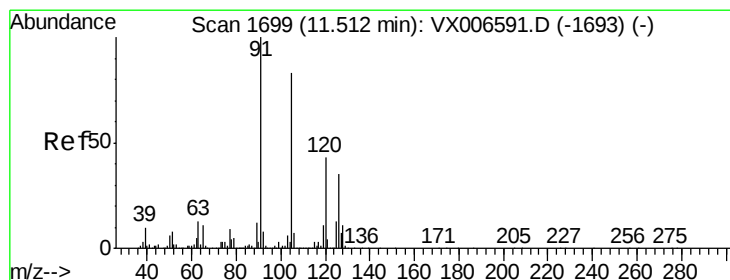
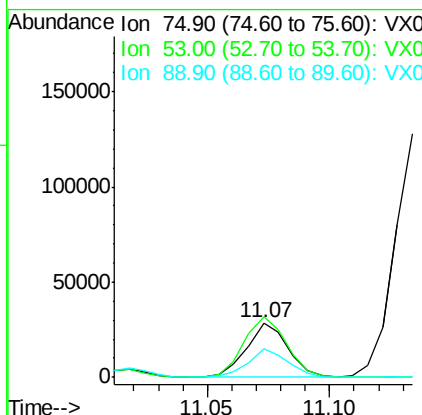
#81
trans-1,4-Dichloro-2-butene
Concen: 17.779 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.8	79.7	119.5
89	51.5	38.0	57.0

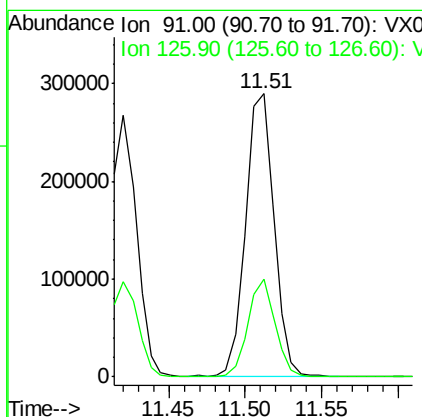
Manual Integrations
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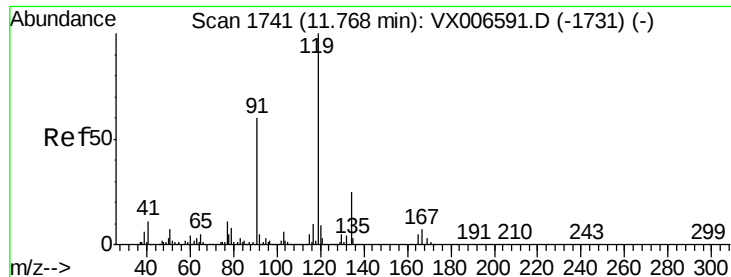
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#82
4-Chlorotoluene
Concen: 19.258 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.9





#83

tert-Butylbenzene

Concen: 20.147 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

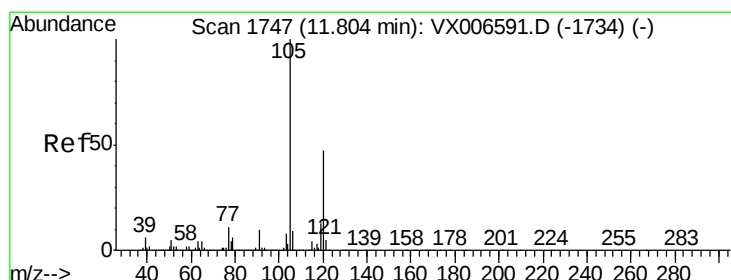
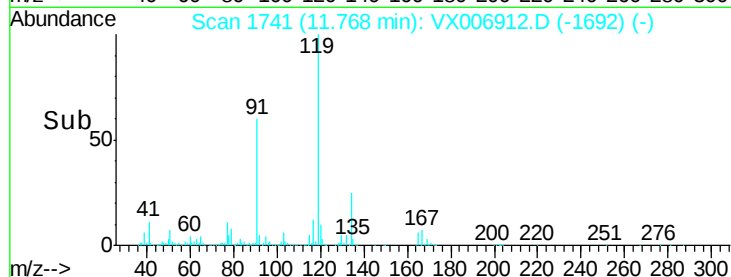
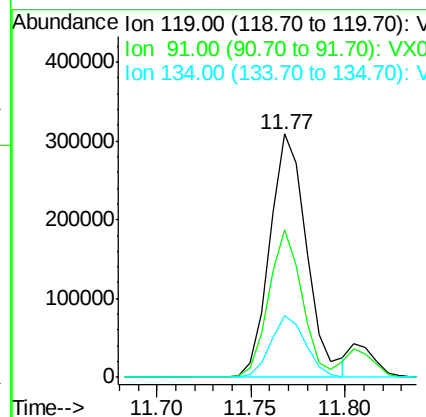
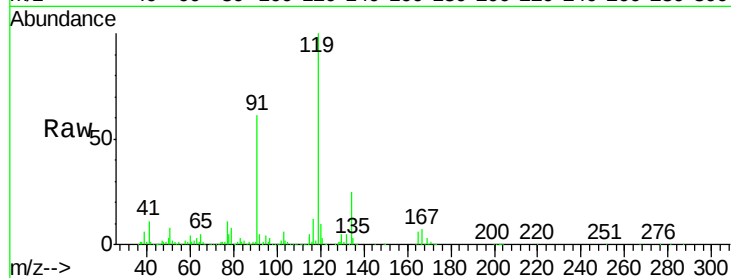
ClientSampleId :

VX0104WBS01

Tot Ion:	119	Resp:	419342
Ion Ratio	Lower	Upper	
119	100		
91	54.9	27.7	83.1
134	23.9	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.305 ug/l

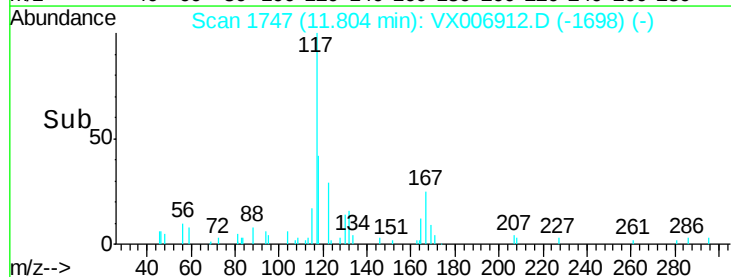
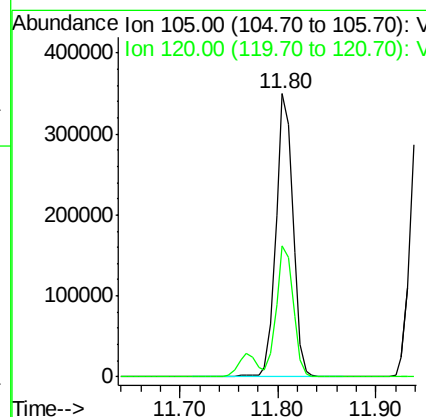
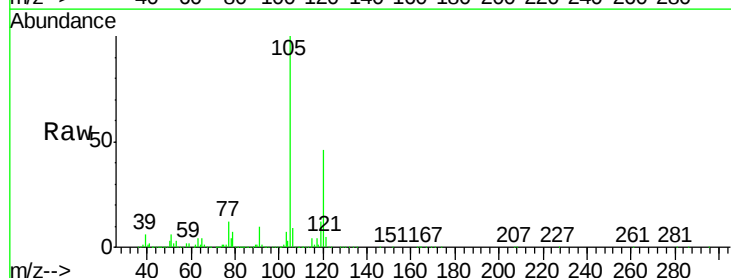
RT: 11.80 min Scan# 1747

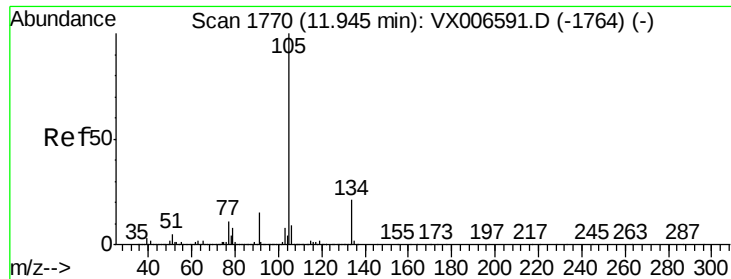
Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Tgt Ion:	105	Resp:	422298
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.638 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0104WBS01

Tot Ion:105 Resp: 501141

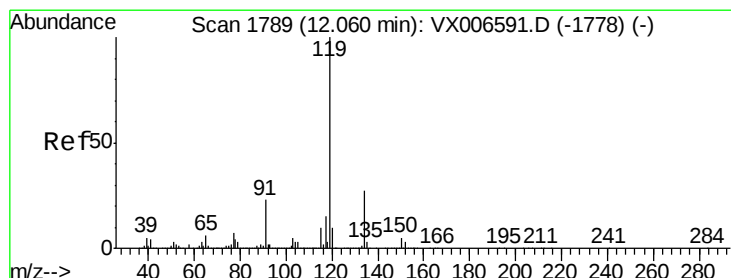
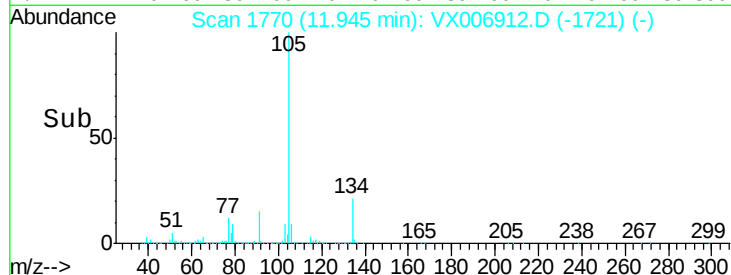
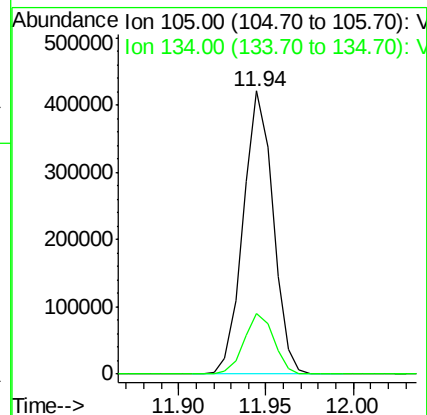
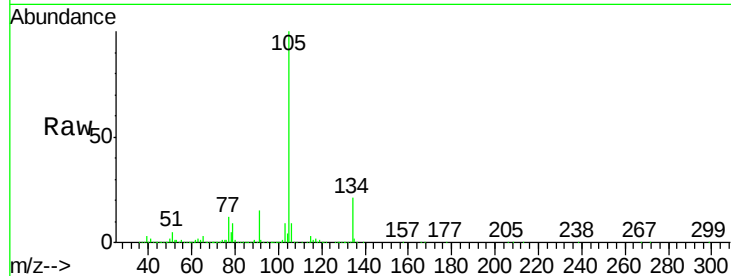
Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 20.049 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006912.D

Acq: 04 Jan 2019 14:45

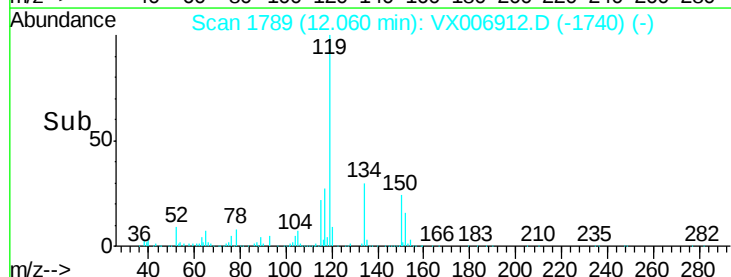
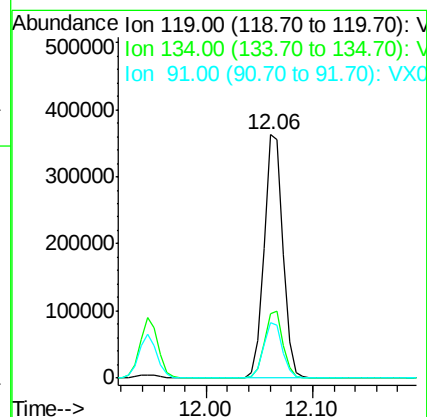
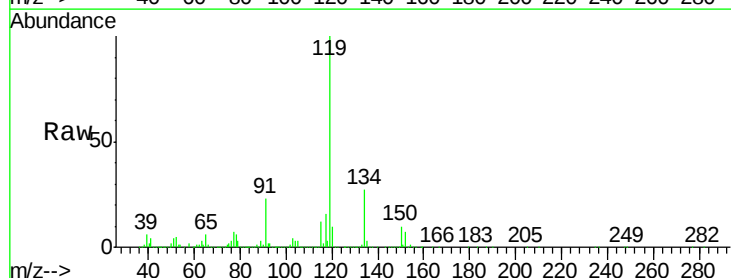
Tgt Ion:119 Resp: 449753

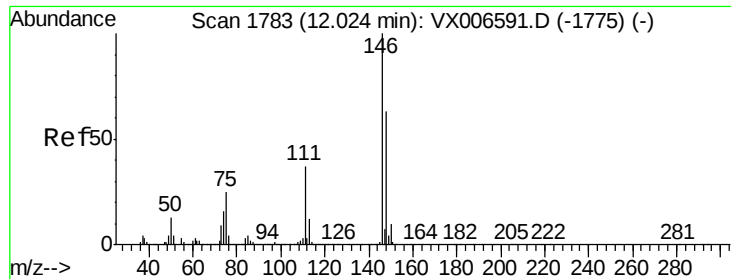
Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.8 11.3 33.9





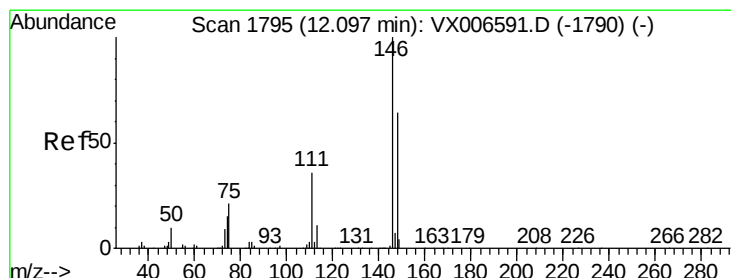
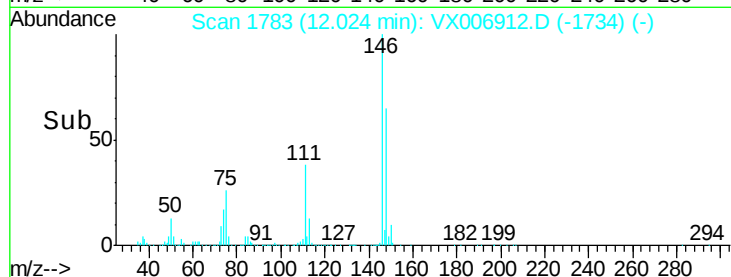
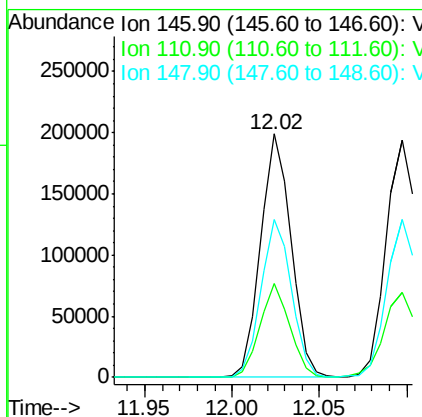
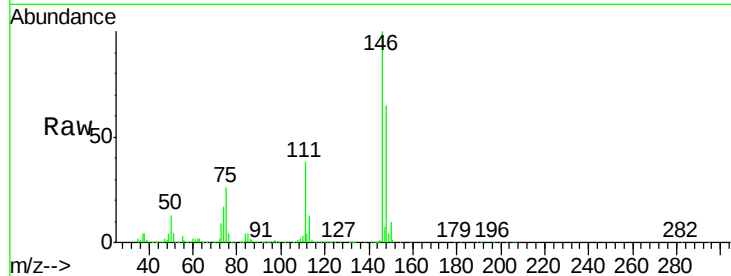
#87
 1,3-Dichlorobenzene
 Concen: 19.590 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0104WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	65.0	31.8	95.3

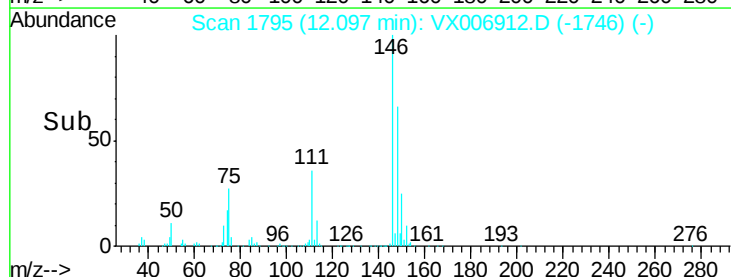
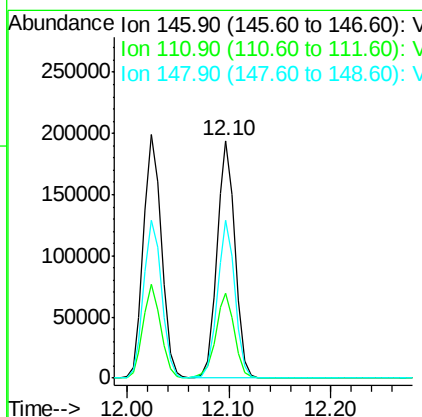
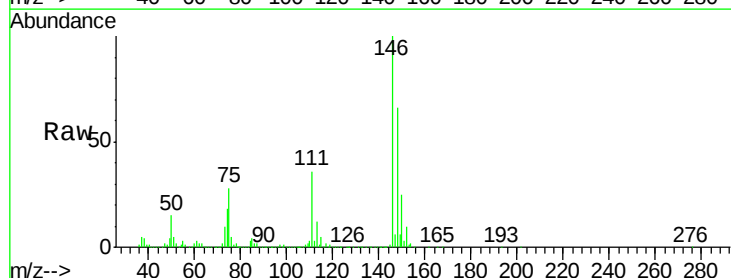
Manual Integrations
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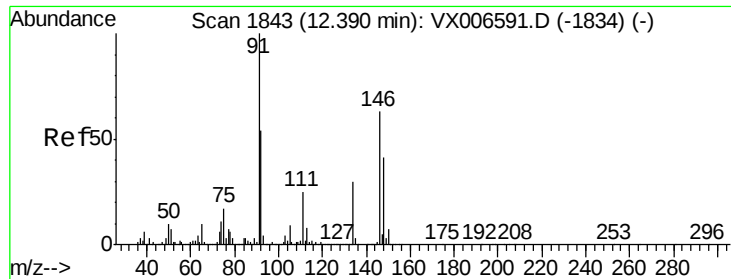
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#88
 1,4-Dichlorobenzene
 Concen: 19.212 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.9	31.9	95.9





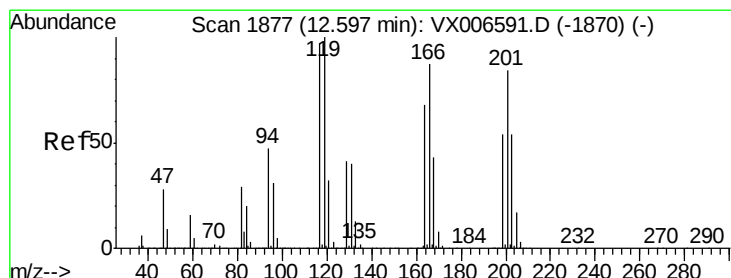
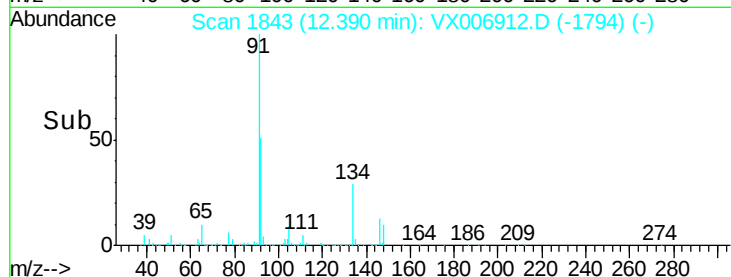
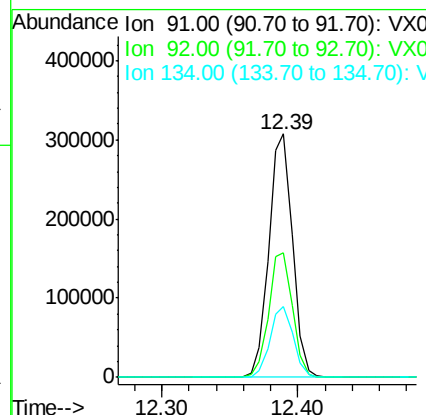
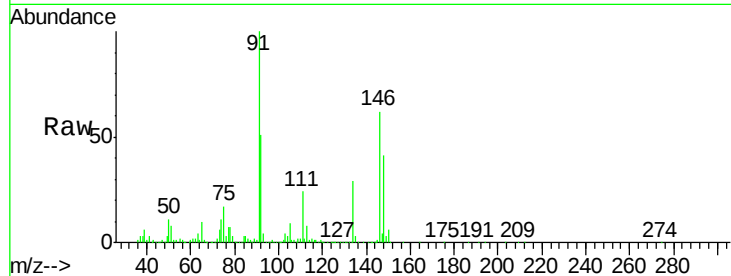
#89
n-Butylbenzene
Concen: 19.748 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampled :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.8	80.4
134	28.7	14.4	43.2

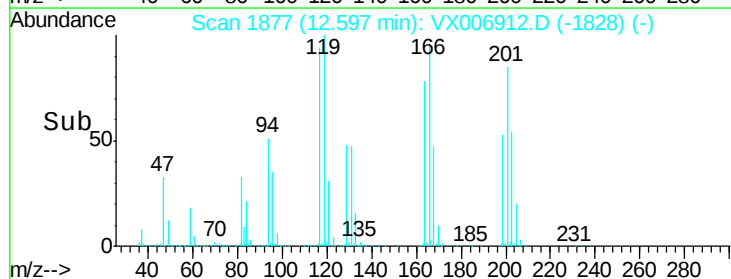
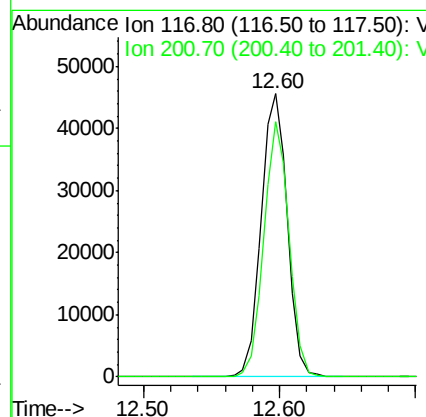
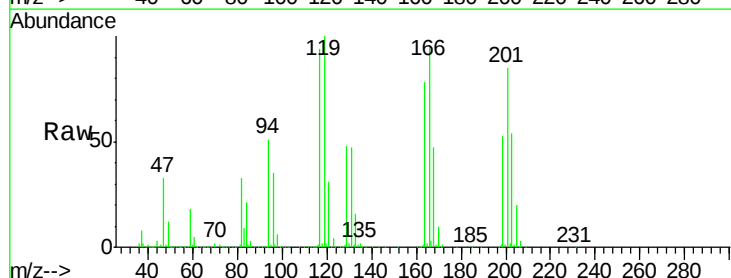
Manual Integrations
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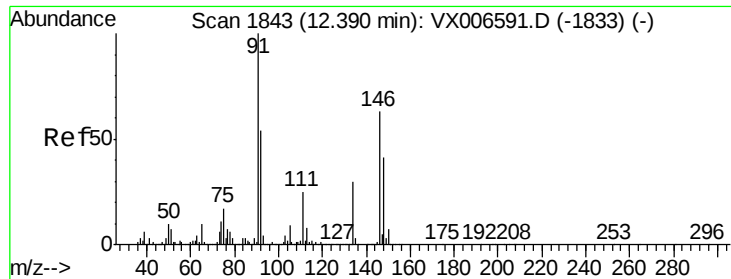
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#90
Hexachloroethane
Concen: 19.698 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	42.9	128.7





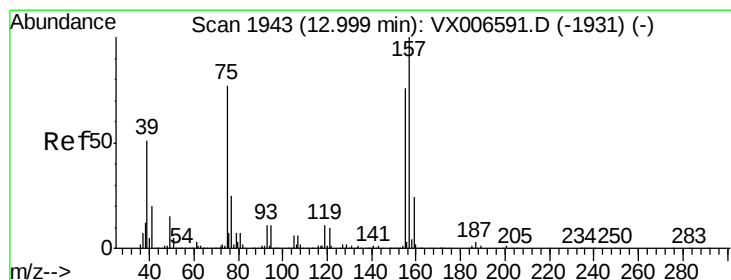
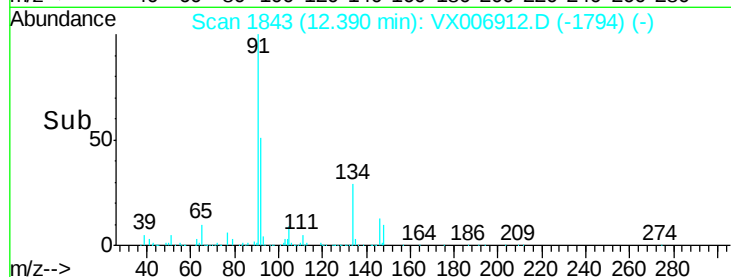
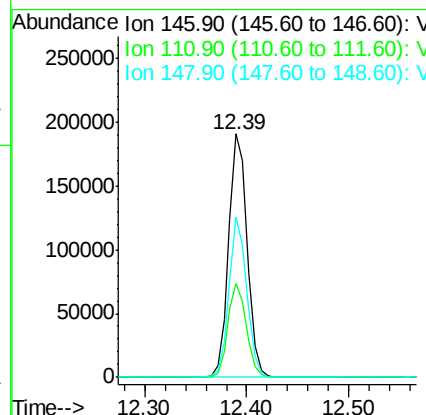
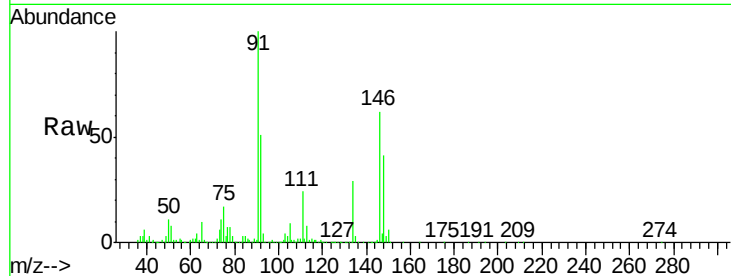
#91
 1,2-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	63.1	32.3	96.9

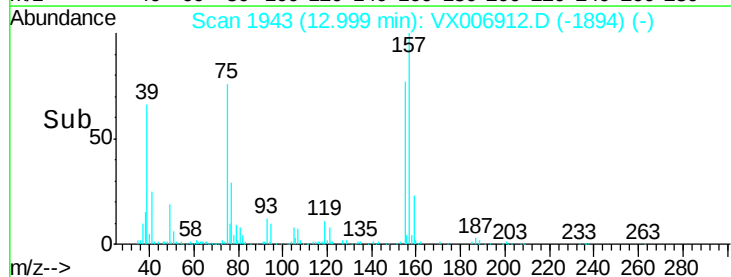
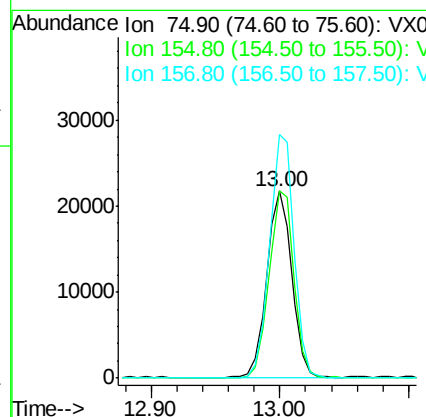
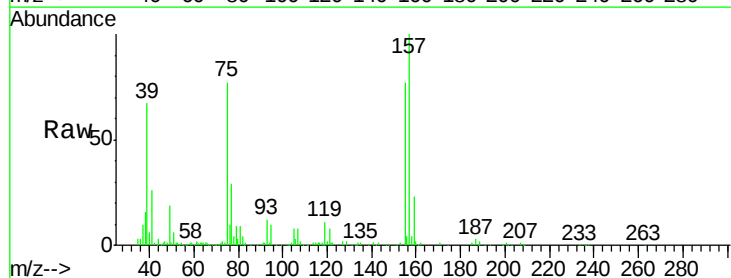
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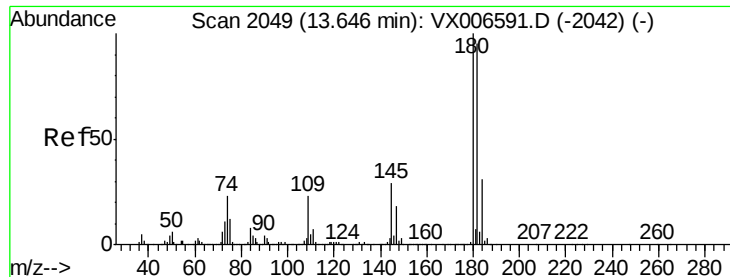
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 1/7/2019 11:04:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.923 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	50.6	151.8
157	126.6	64.6	193.8





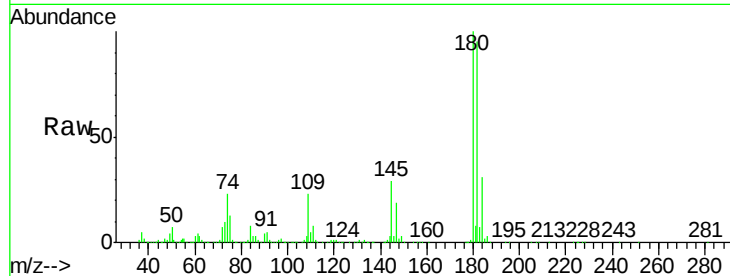
#93
 1,2,4-Trichlorobenzene
 Concen: 19.669 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0104WBS01

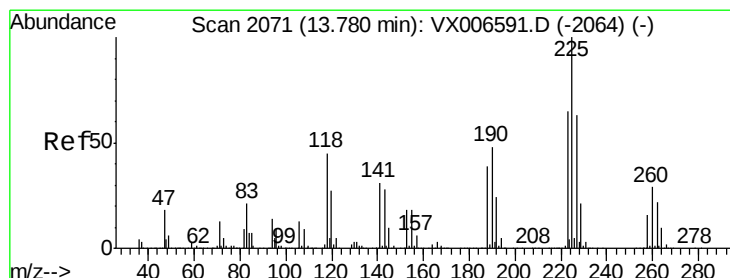
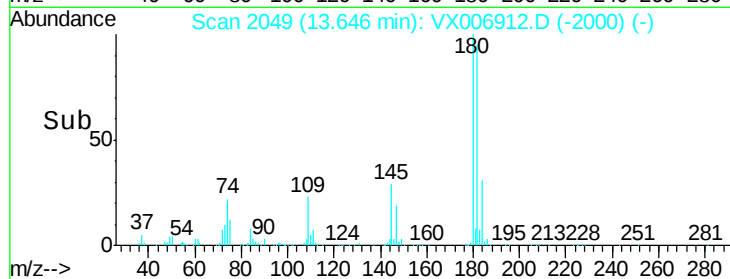
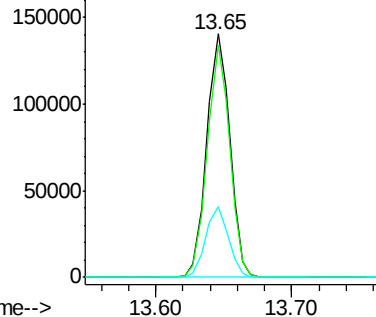
Tot Ion	Ratio	Resp	Lower	Upper
180	100	166975		
182	92.8	47.3	142.0	
145	28.6	14.8	44.3	

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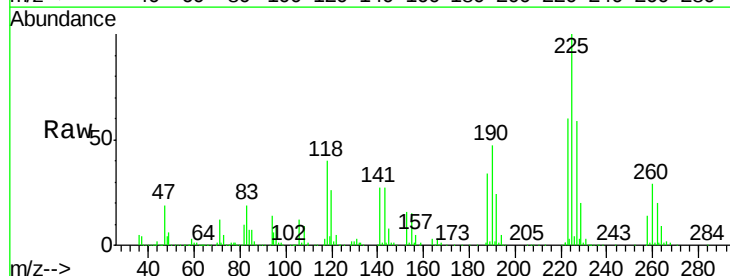


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

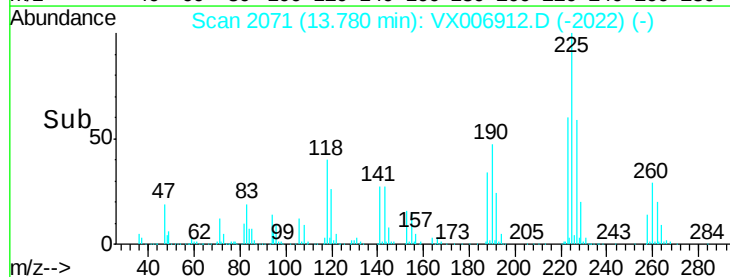
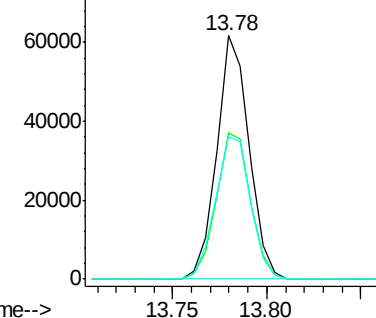


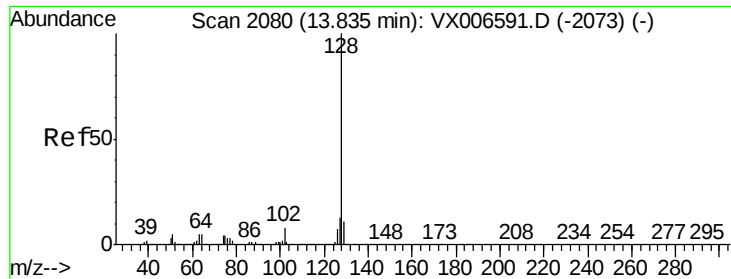
#94
 Hexachlorobutadiene
 Concen: 18.273 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006912.D
 Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73114		
223	63.9	32.1	96.3	
227	63.6	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





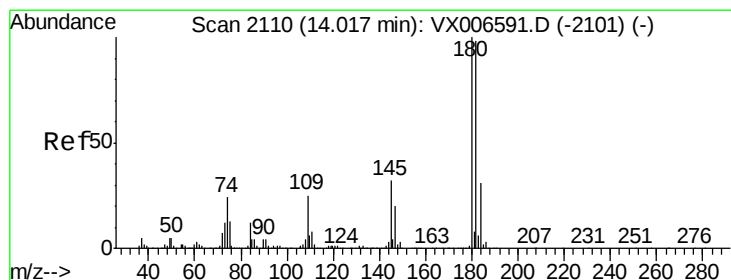
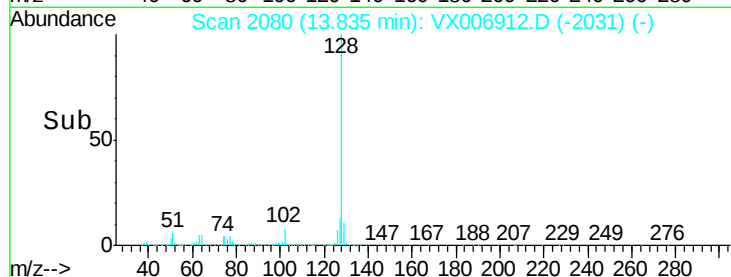
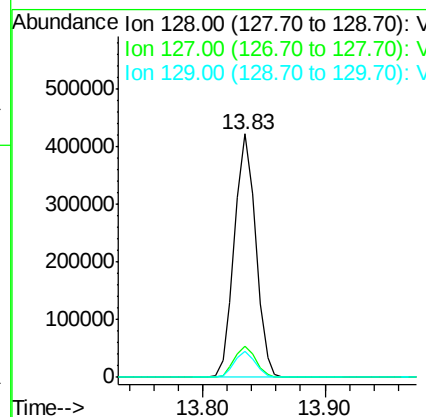
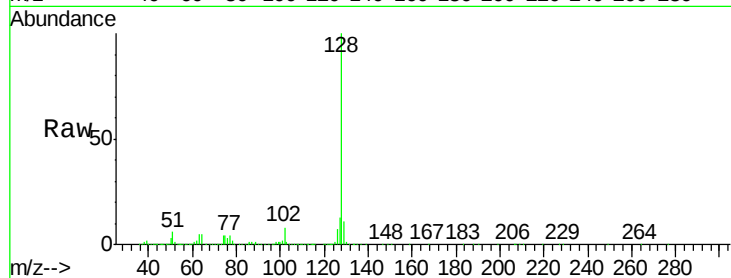
#95
Naphthalene
Concen: 18.714 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Instrument :
MSVOA_X
ClientSampled :
VX0104WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 18.564 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006912.D
Acq: 04 Jan 2019 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.5	145.5
145	31.0	16.0	47.9

