

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006949.D
 Acq On : 08 Jan 2019 11:58
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:24:52 AM

Quant Time: Jan 08 13:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 13:13:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	576782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	865972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	744577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367195	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	32249	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
35) Dibromofluoromethane	5.50	113	28313	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
50) Toluene-d8	8.71	98	102583	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
62) 4-Bromofluorobenzene	11.14	95	34312	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	19915	3.774	ug/l	99
3) Chloromethane	1.33	50	26845	4.722	ug/l	100
4) Vinyl Chloride	1.41	62	27758	4.675	ug/l	97
5) Bromomethane	1.64	94	37474	5.805	ug/l	99
6) Chloroethane	1.71	64	20378	4.957	ug/l	98
7) Trichlorofluoromethane	1.92	101	48066	5.193	ug/l	98
8) Diethyl Ether	2.19	74	20097	5.466	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30105	5.539	ug/l	97
10) Methyl Iodide	2.51	142	31516	4.051	ug/l	95
11) Tert butyl alcohol	3.08	59	41045	29.586	ug/l	97
12) 1,1-Dichloroethene	2.37	96	27824	5.399	ug/l	95
13) Acrolein	2.30	56	21258	22.714	ug/l	96
14) Allyl chloride	2.73	41	45066	5.195	ug/l	100
15) Acrylonitrile	3.15	53	85530	27.767	ug/l	98
16) Acetone	2.45	43	79347	27.783	ug/l	95
17) Carbon Disulfide	2.57	76	60927	4.468	ug/l	100
18) Methyl Acetate	2.78	43	48729	5.803	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	99975	5.845	ug/l	99
20) Methylene Chloride	2.86	84	34080	5.771	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30256	5.299	ug/l	95
22) Diisopropyl ether	3.87	45	92983	5.859	ug/l	95
23) Vinyl Acetate	3.82	43	373660	28.786	ug/l	99
24) 1,1-Dichloroethane	3.70	63	52040	5.493	ug/l	99
25) 2-Butanone	4.70	43	115823	28.831	ug/l	97
26) 2,2-Dichloropropane	4.58	77	37195	5.083	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	34608	5.493	ug/l	96
28) Bromochloromethane	5.02	49	20020	4.596	ug/l	94
29) Tetrahydrofuran	5.16	42	72595	27.437	ug/l	98
30) Chloroform	5.21	83	53182	5.421	ug/l	97
31) Cyclohexane	5.57	56	45048	5.234	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	43094	5.202	ug/l	98
36) 1,1-Dichloropropene	5.80	75	38672	5.392	ug/l	97
37) Ethyl Acetate	4.86	43	43153	5.781	ug/l	98
38) Carbon Tetrachloride	5.78	117	36118	5.182	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49053	5.195	ug/l	97
40) Benzene	6.14	78	121923	5.592	ug/l	94
41) Methacrylonitrile	5.05	41	23535	5.938	ug/l	97
42) 1,2-Dichloroethane	6.20	62	42049	5.660	ug/l	98
43) Isopropyl Acetate	6.46	43	64365	5.667	ug/l	100
44) Trichloroethene	7.21	130	35703	5.411	ug/l	93
45) 1,2-Dichloropropane	7.52	63	31554	5.948	ug/l #	87
46) Dibromomethane	7.66	93	20072	5.144	ug/l	94
47) Bromodichloromethane	7.90	83	32454	5.009	ug/l	96
48) Methyl methacrylate	7.77	41	32928	5.701	ug/l	100
49) 1,4-Dioxane	7.76	88	16920	103.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	208292	28.821	ug/l	98
52) Toluene	8.78	92	78214	5.553	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34241	4.928	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	39030	5.119	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	30009	5.205	ug/l	93
56) Ethyl methacrylate	9.18	69	42421	5.206	ug/l	96
57) 1,3-Dichloropropane	9.37	76	51385	5.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	111309	25.699	ug/l	98
59) 2-Hexanone	9.49	43	159019	28.758	ug/l	98
60) Dibromochloromethane	9.58	129	25034	4.714	ug/l	97
61) 1,2-Dibromoethane	9.67	107	33175	5.413	ug/l	100
64) Tetrachloroethene	9.33	164	34949	5.928	ug/l	92
65) Chlorobenzene	10.14	112	87261	5.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	27306	5.556	ug/l	98
67) Ethyl Benzene	10.25	91	141158	5.484	ug/l	100
68) m/p-Xylenes	10.36	106	109980	10.828	ug/l	100
69) o-Xylene	10.70	106	52710	5.255	ug/l	95
70) Styrene	10.71	104	82781	5.217	ug/l	98
71) Bromoform	10.86	173	17288	4.621	ug/l #	93
73) Isopropylbenzene	11.02	105	142886	5.688	ug/l	100
74) N-amyl acetate	10.90	43	52620	5.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	45316	6.066	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	39250m	5.752	ug/l	
77) Bromobenzene	11.26	156	37247	5.484	ug/l	96
78) n-propylbenzene	11.36	91	154830	5.597	ug/l	96
79) 2-Chlorotoluene	11.42	91	91821	5.477	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	116275	5.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8457	4.439	ug/l #	77
82) 4-Chlorotoluene	11.51	91	105385	5.480	ug/l	98
83) tert-Butylbenzene	11.77	119	112225	5.419	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	118389	5.440	ug/l	99
85) sec-Butylbenzene	11.94	105	138679	5.462	ug/l	99
86) p-Isopropyltoluene	12.06	119	122298	5.480	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	66964	5.471	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70138	5.590	ug/l	97
89) n-Butylbenzene	12.39	91	99370	5.232	ug/l	98
90) Hexachloroethane	12.60	117	14233	4.682	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	69298	5.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7605	4.920	ug/l	93

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

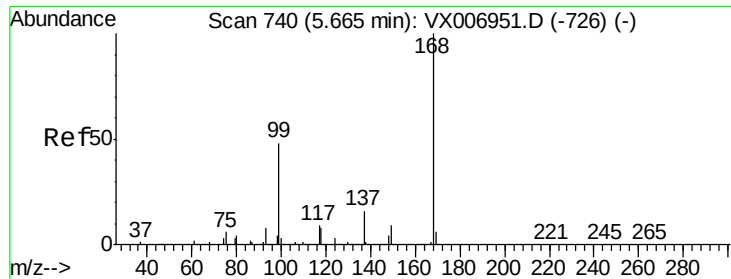
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43637	5.167	ug/l	99
94) Hexachlorobutadiene	13.78	225	19590	4.921	ug/l	99
95) Naphthalene	13.83	128	135325	5.020	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	43877	5.032	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 576782

Ion Ratio Lower Upper

168 100

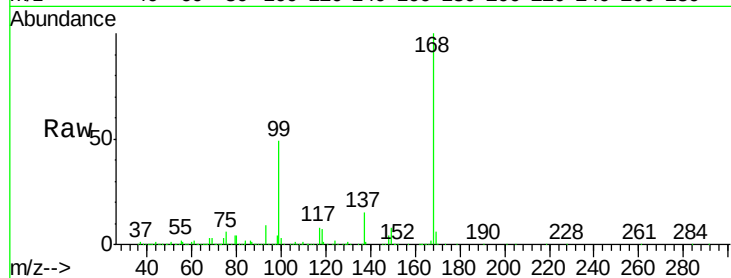
99 48.6 41.8 62.8

Manual Integrations

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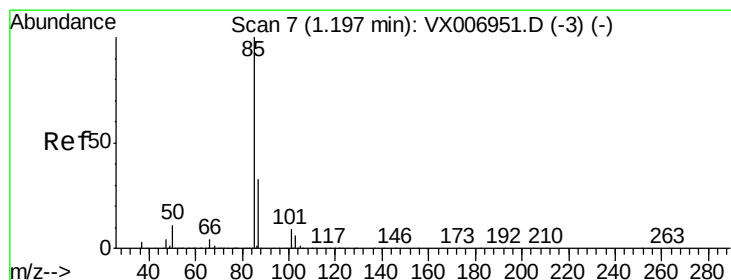
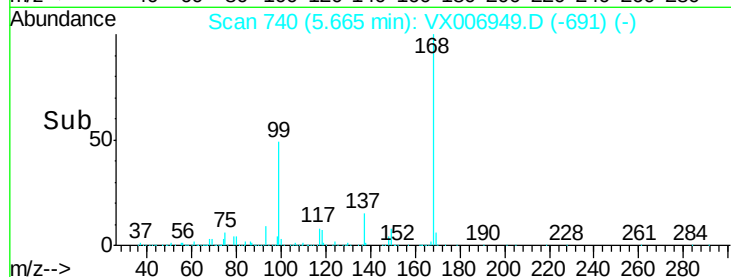
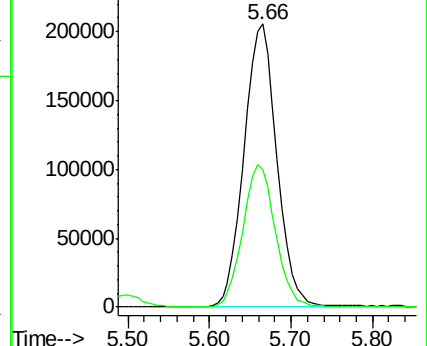
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.774 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006949.D

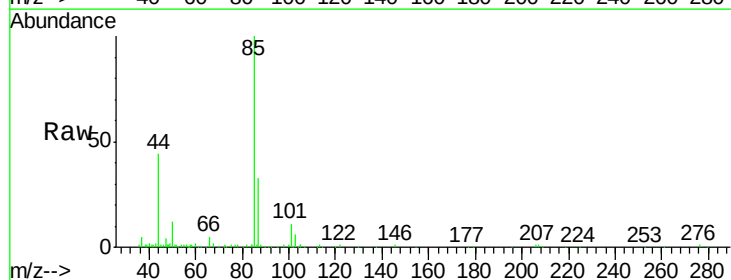
Acq: 08 Jan 2019 11:58

Tgt Ion: 85 Resp: 19915

Ion Ratio Lower Upper

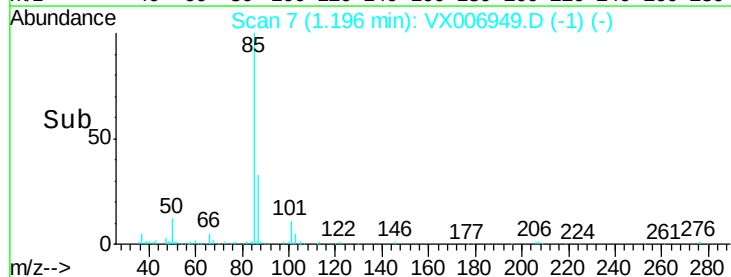
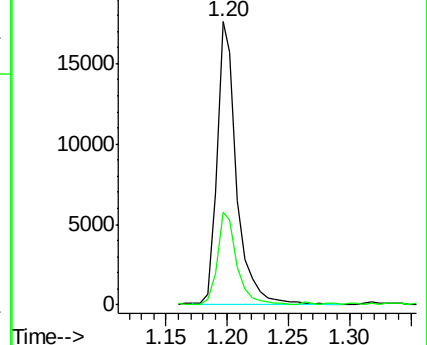
85 100

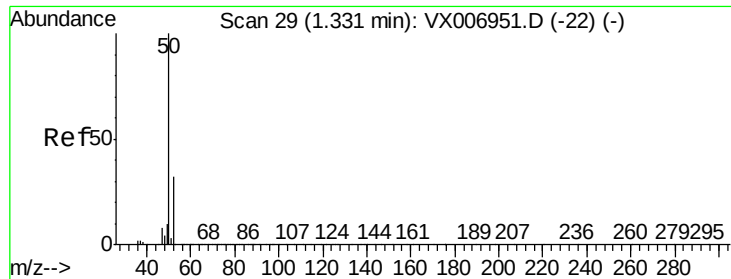
87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.722 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 26845

Ion Ratio Lower Upper

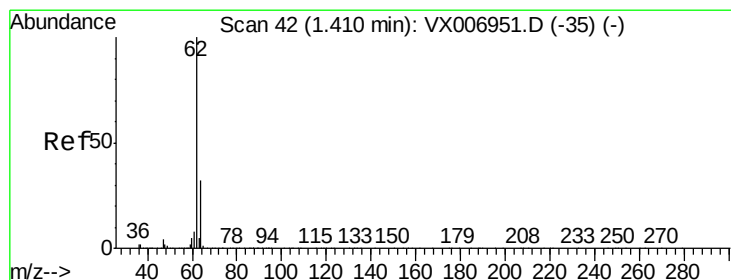
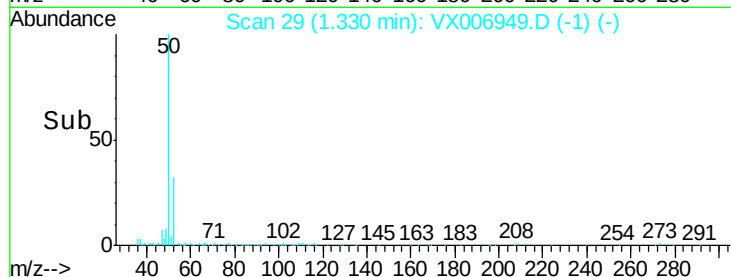
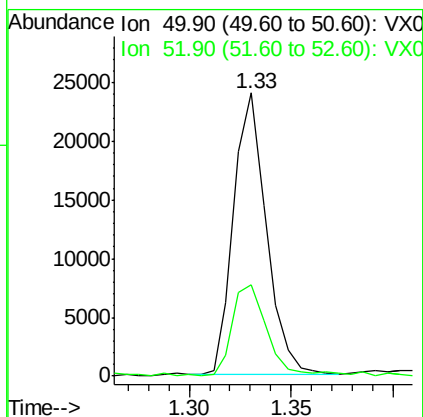
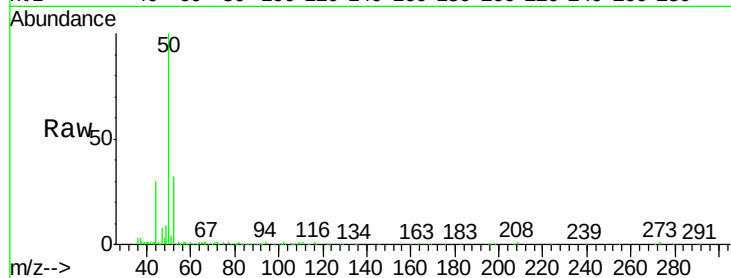
50 100

52 32.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 4.675 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006949.D

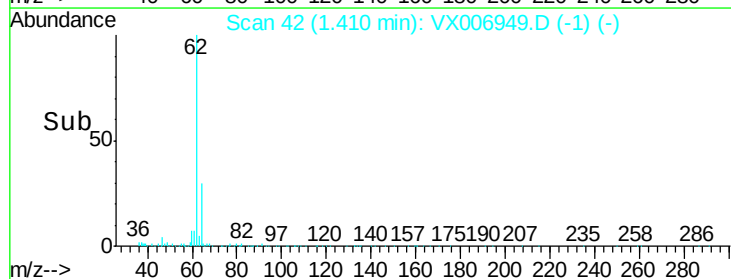
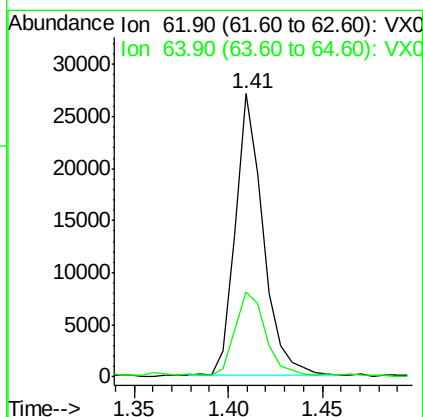
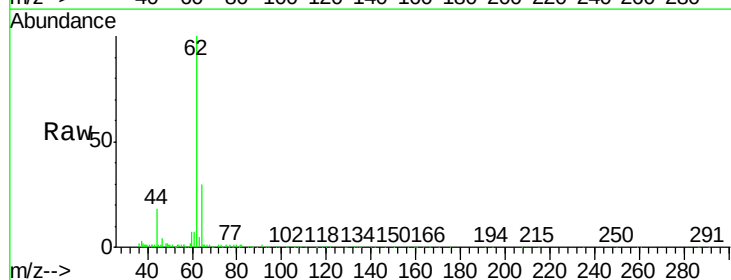
Acq: 08 Jan 2019 11:58

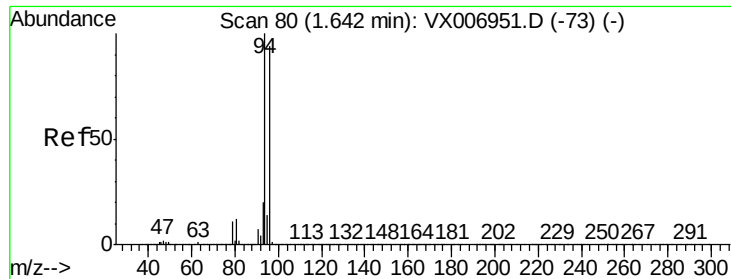
Tgt Ion: 62 Resp: 27758

Ion Ratio Lower Upper

62 100

64 29.7 25.1 37.7





#5

Bromomethane

Concen: 5.805 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 37474

Ion Ratio Lower Upper

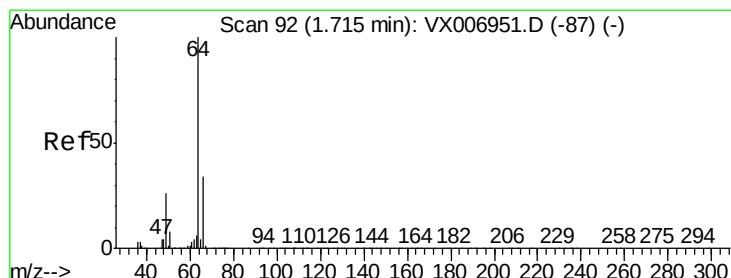
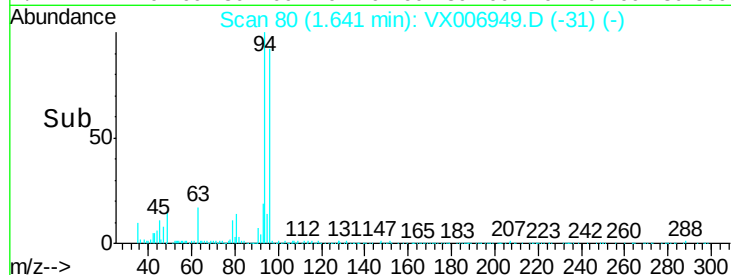
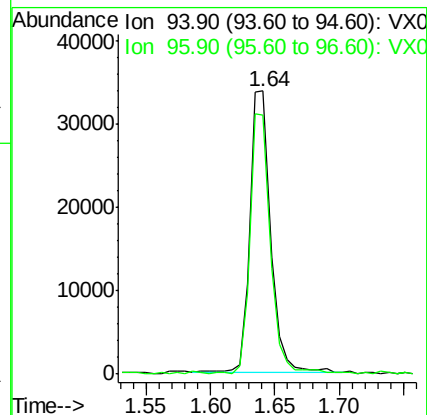
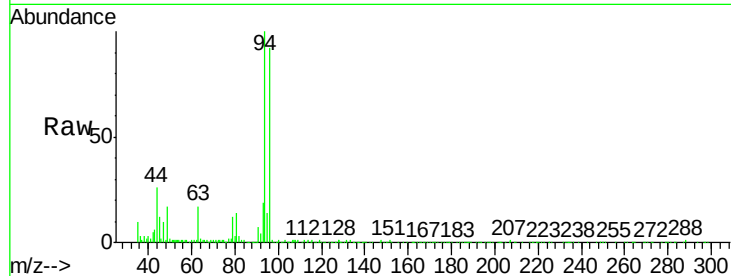
94 100

96 91.3 73.4 110.2

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#6

Chloroethane

Concen: 4.957 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006949.D

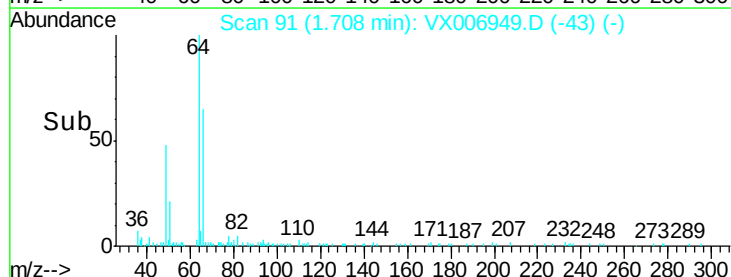
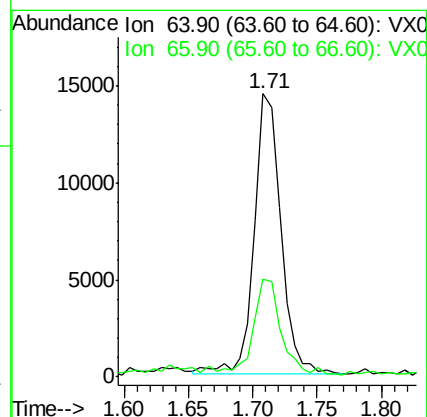
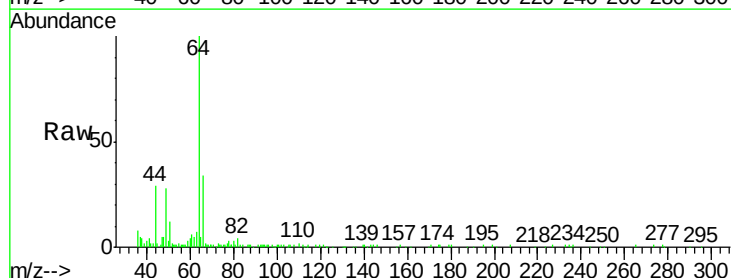
Acq: 08 Jan 2019 11:58

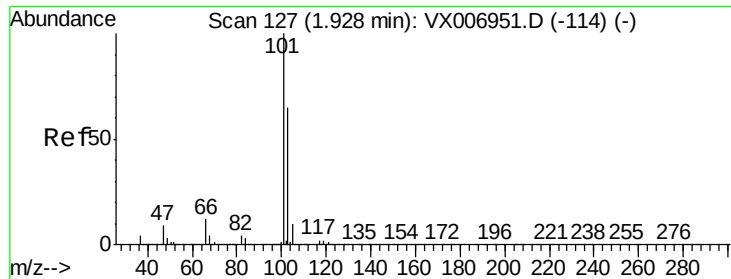
Tgt Ion: 64 Resp: 20378

Ion Ratio Lower Upper

64 100

66 34.3 26.4 39.6





#7

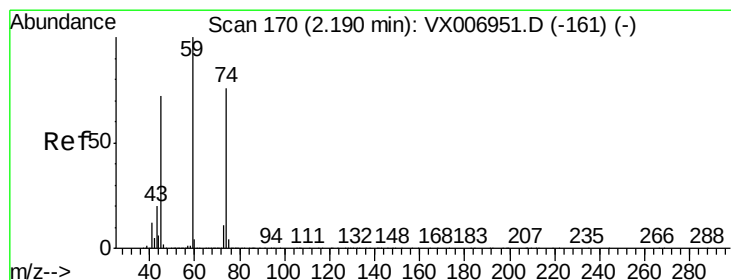
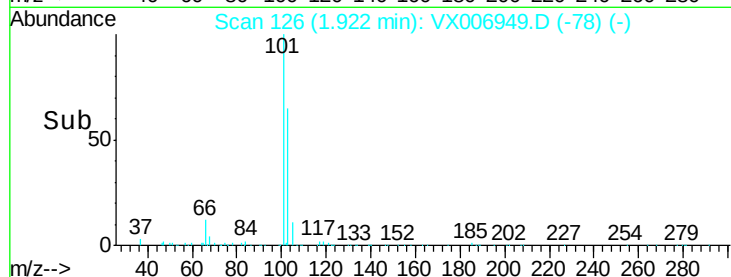
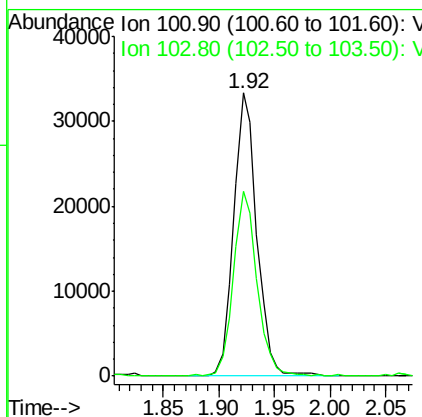
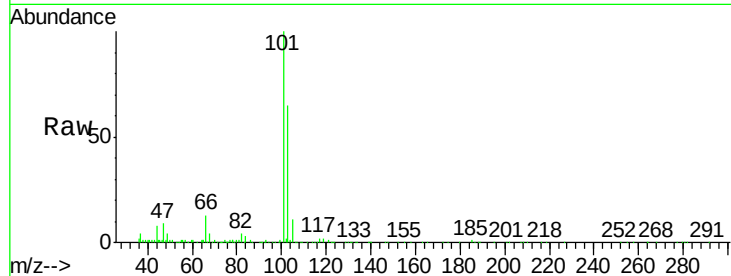
Trichlorofluoromethane
Concen: 5.193 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.2	79.8

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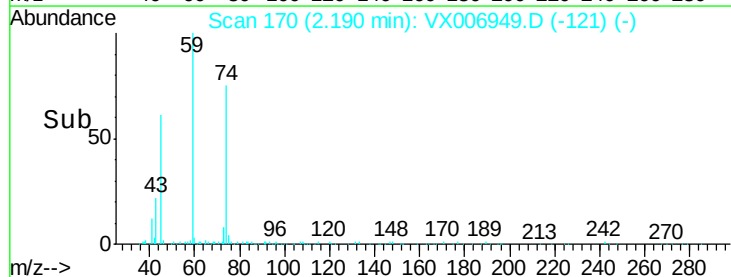
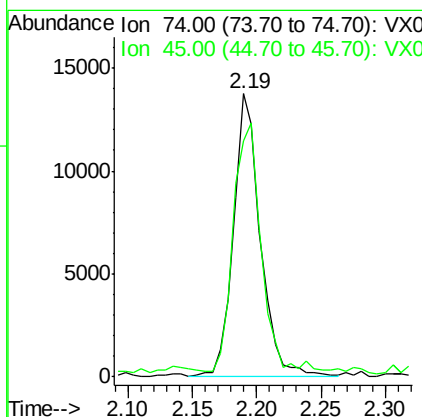
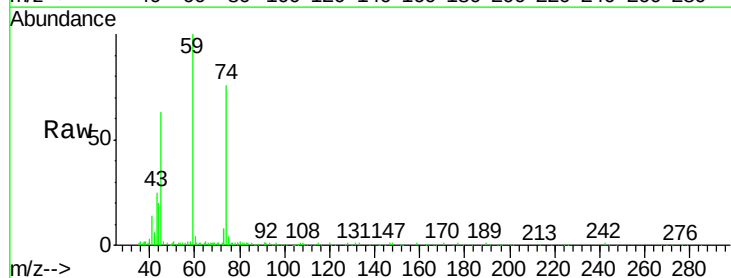
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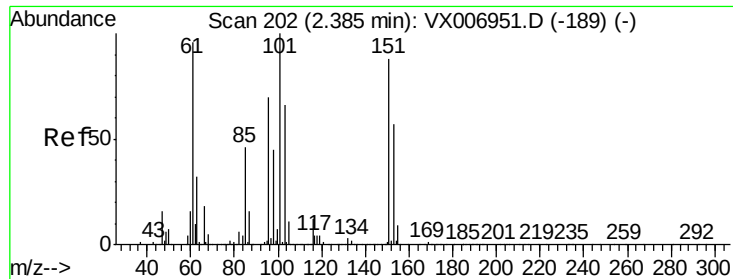


#8

Diethyl Ether
Concen: 5.466 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.539 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

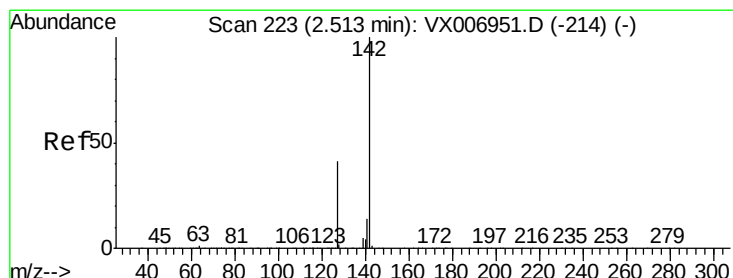
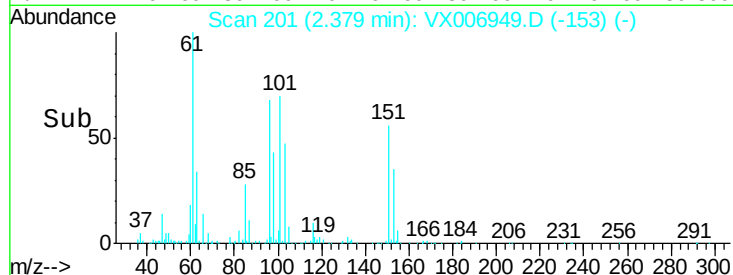
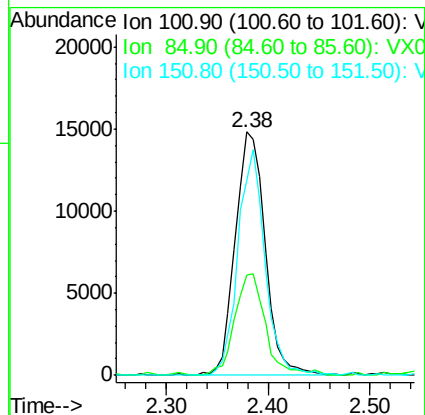
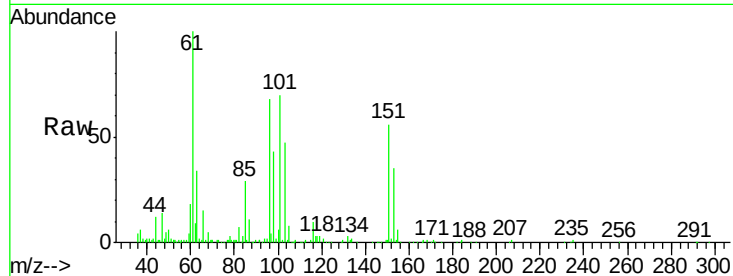
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	30105
Ion Ratio	Lower	Upper	
101	100		
85	42.2	35.1	52.7
151	83.8	68.9	103.3

Manual Integrations
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1/9/2019 10:24:52 AM



#10

Methyl Iodide

Concen: 4.051 ug/l

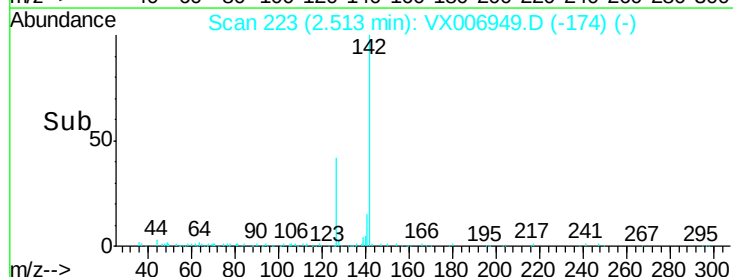
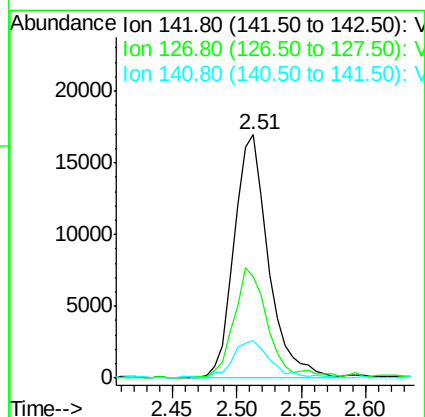
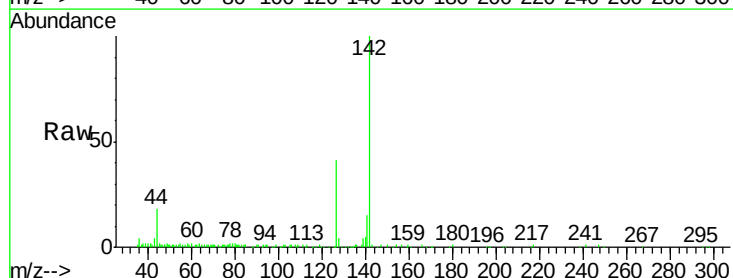
RT: 2.51 min Scan# 223

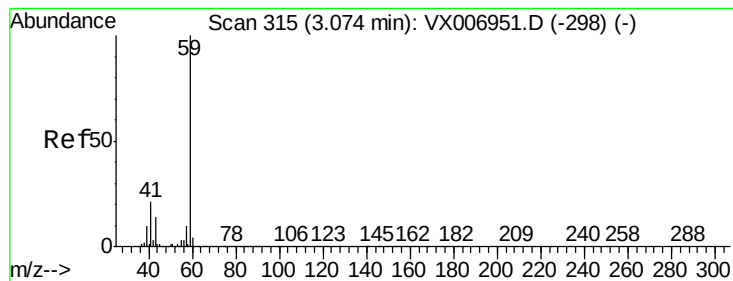
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	142	Resp:	31516
Ion Ratio	Lower	Upper	
142	100		
127	45.2	33.9	50.9
141	16.9	11.4	17.0





#11

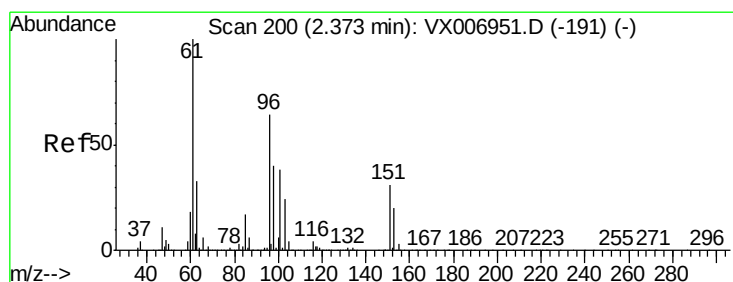
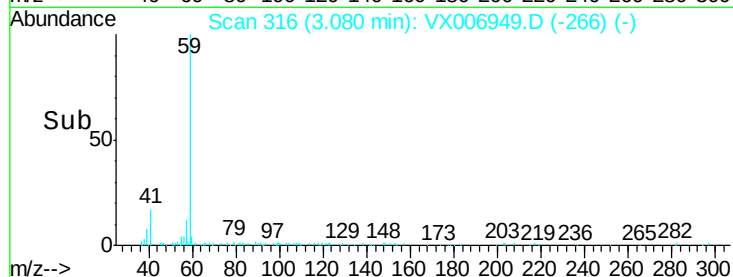
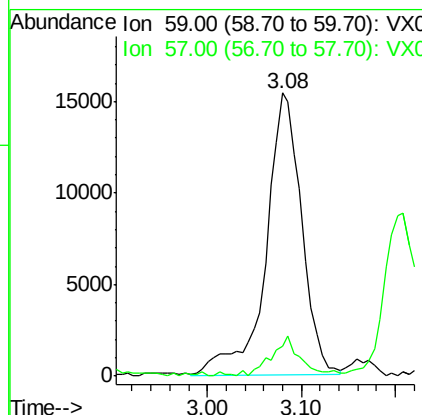
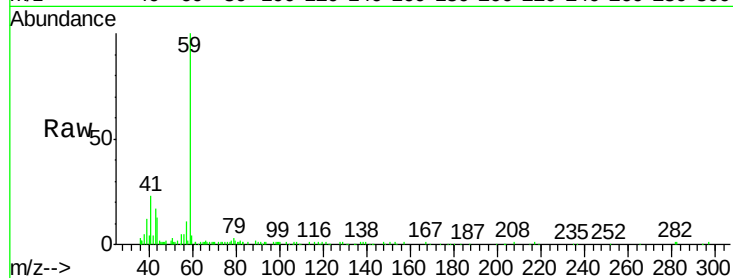
Tert butyl alcohol
Concen: 29.586 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 41045
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7

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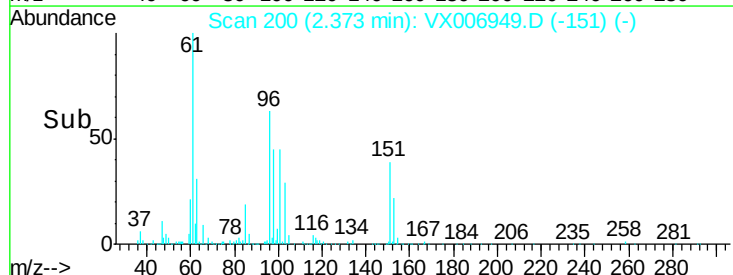
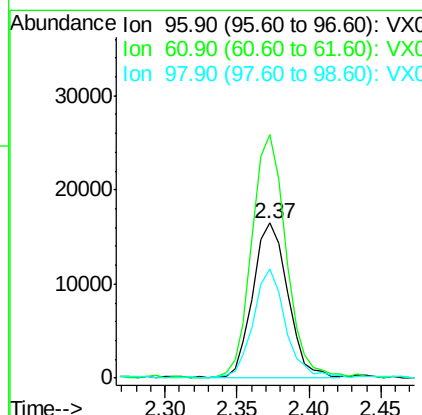
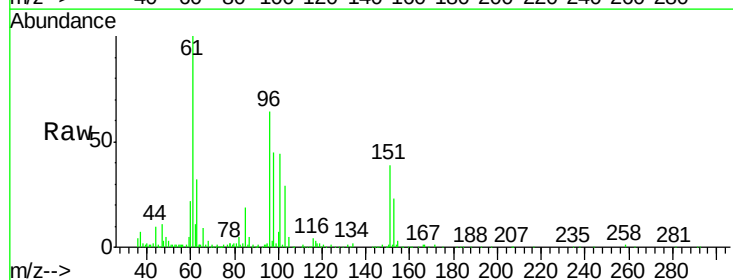
MMDadoda
1/9/2019 10:24:52 AM

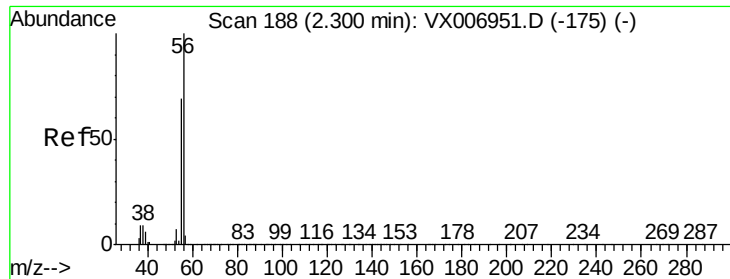


#12

1,1-Dichloroethene
Concen: 5.399 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 96 Resp: 27824
Ion Ratio Lower Upper
96 100
61 156.8 121.4 182.2
98 69.6 51.9 77.9





#13

Acrolein

Concen: 22.714 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 21258

Ion Ratio Lower Upper

56 100

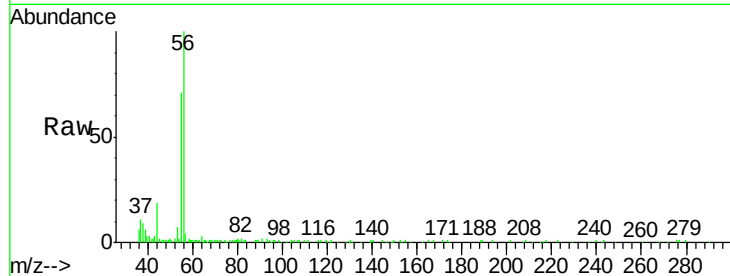
55 75.8 58.2 87.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

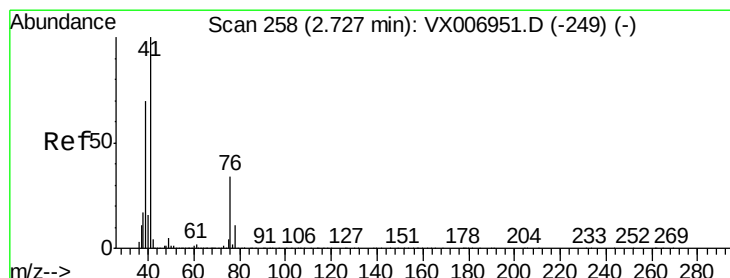
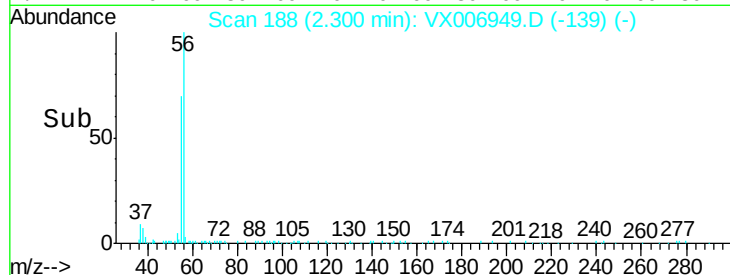
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 5.195 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

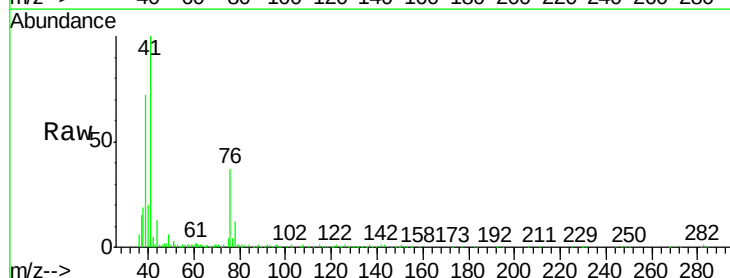
Tgt Ion: 41 Resp: 45066

Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 34.8 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

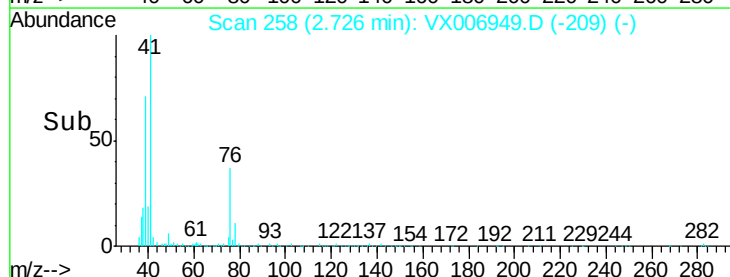
30000

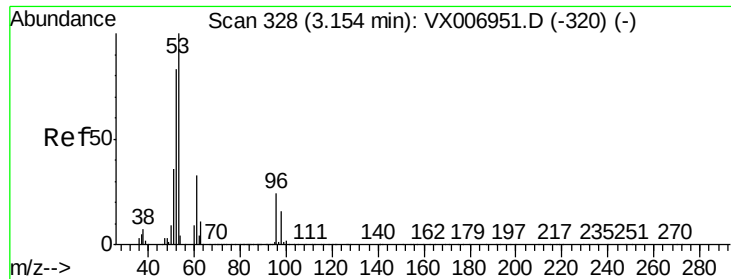
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 27.767 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

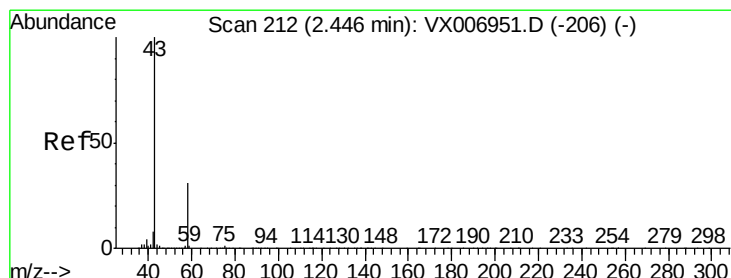
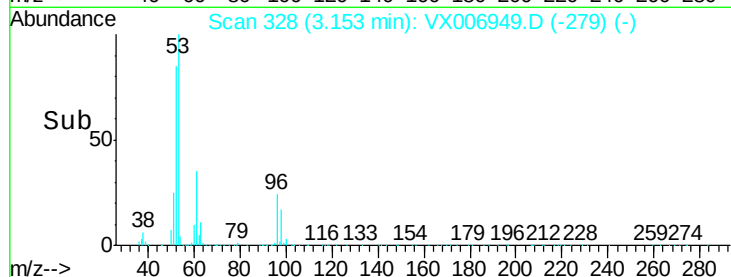
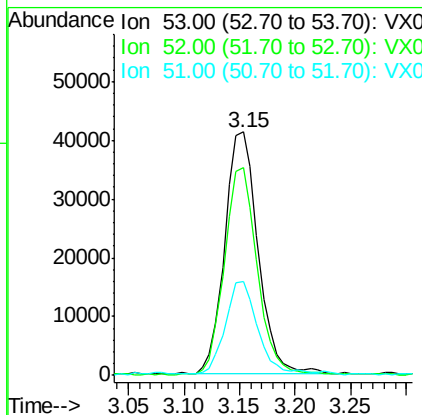
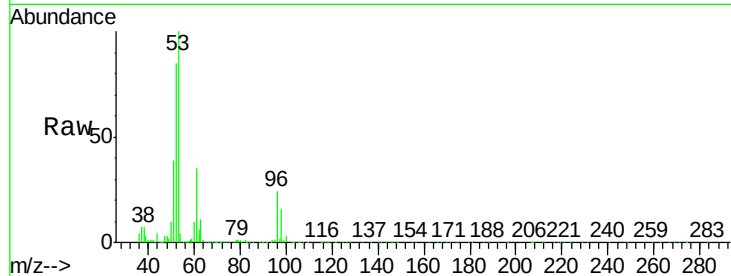
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	85530
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.0	99.0
51	37.0	28.6	42.8

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 27.783 ug/l

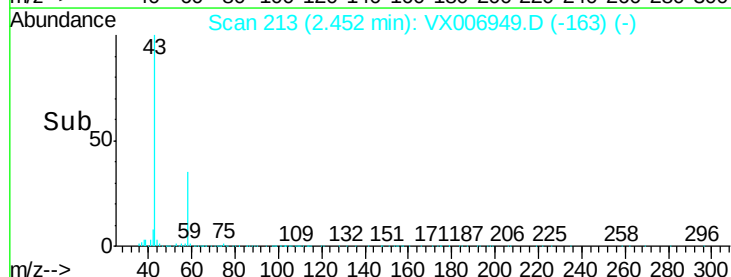
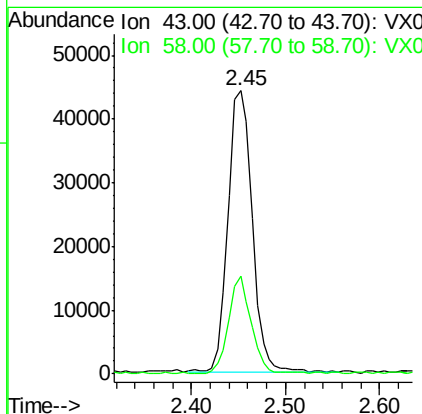
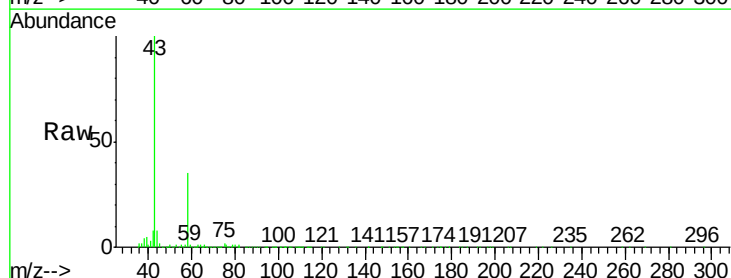
RT: 2.45 min Scan# 213

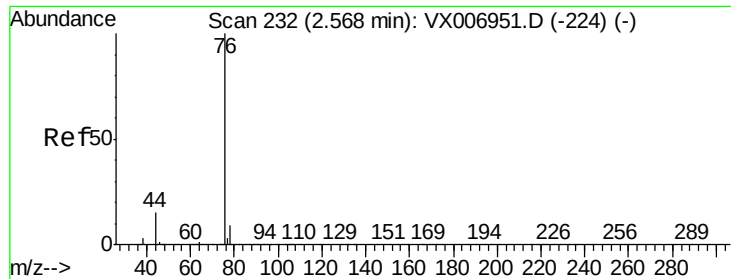
Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	43	Resp:	79347
Ion Ratio	Lower	Upper	
43	100		
58	34.3	25.0	37.6





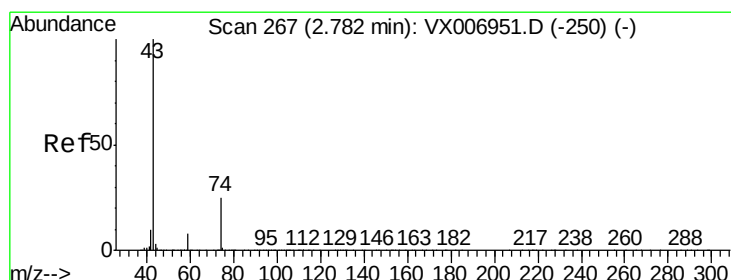
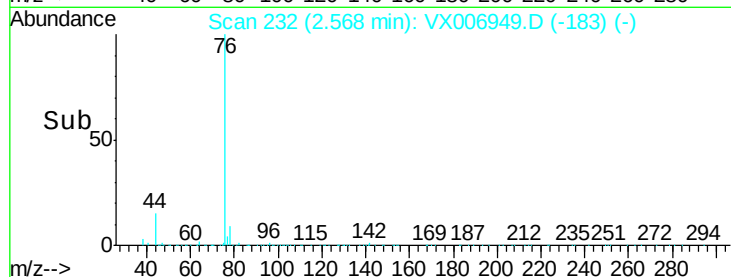
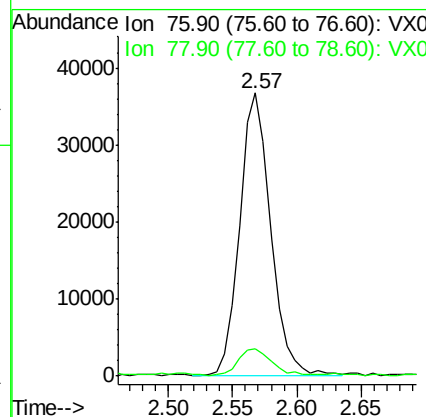
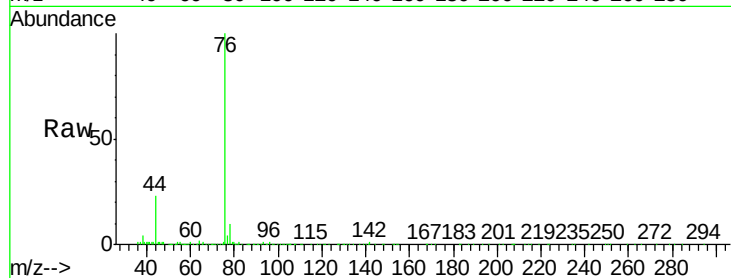
#17
Carbon Disulfide
Concen: 4.468 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

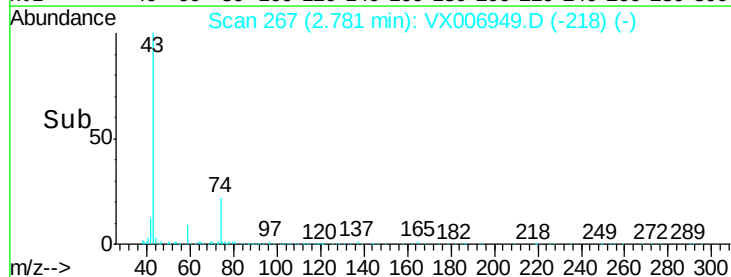
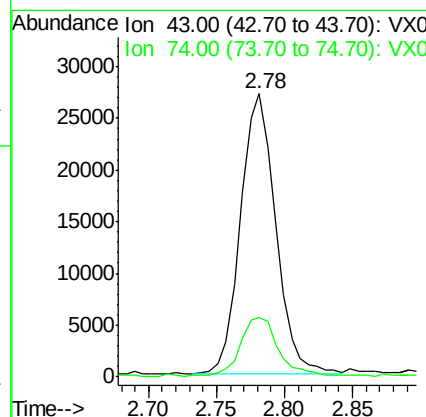
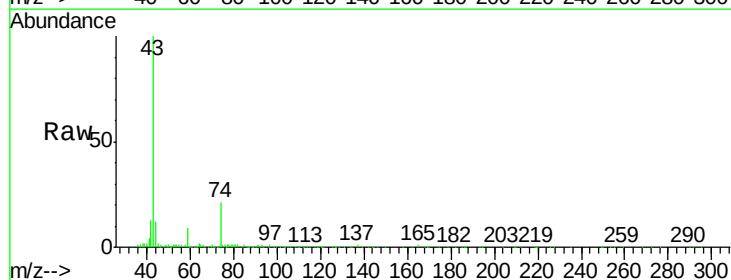
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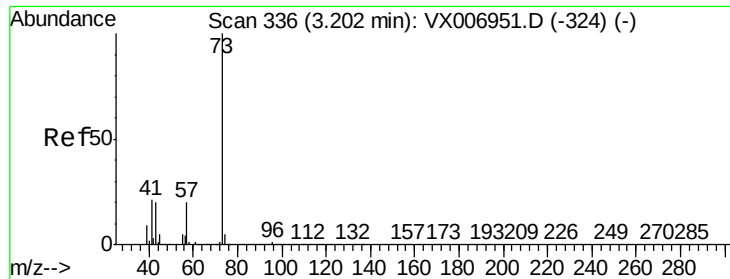
MMDadoda
1/9/2019 10:24:52 AM



#18
Methyl Acetate
Concen: 5.803 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.6	28.0





#19

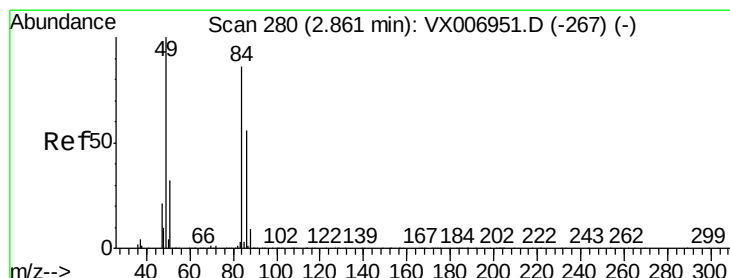
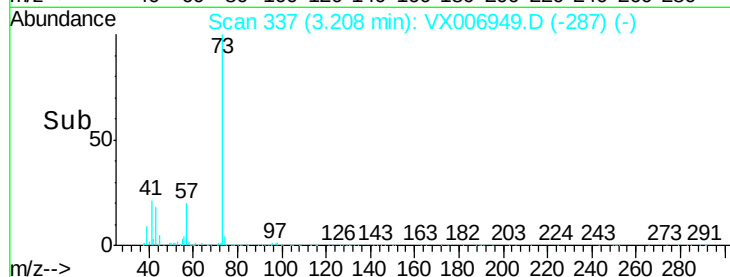
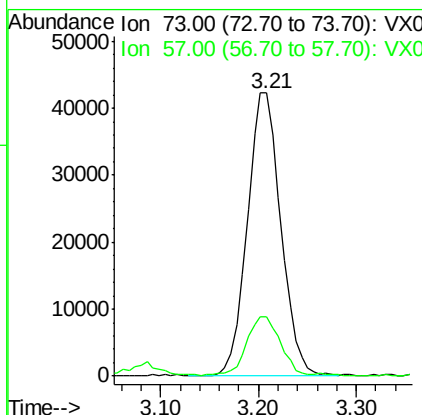
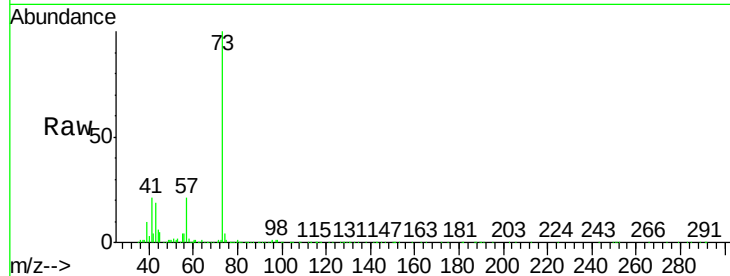
Methyl tert-butyl Ether
 Concen: 5.845 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.8	25.2

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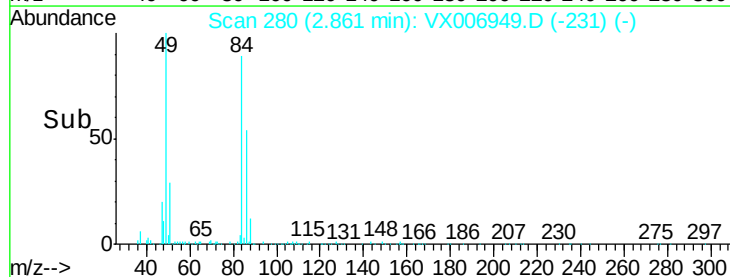
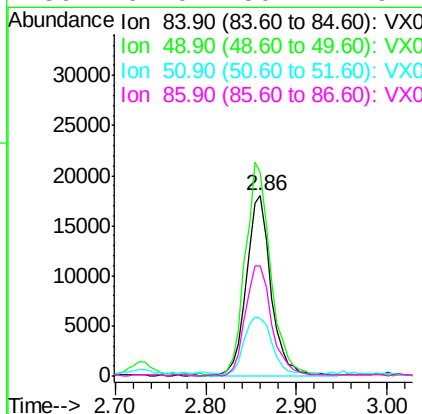
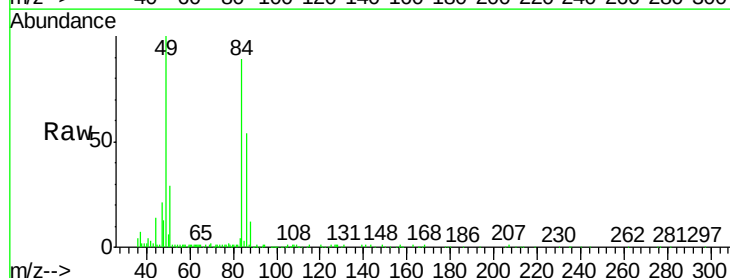
MMDadoda
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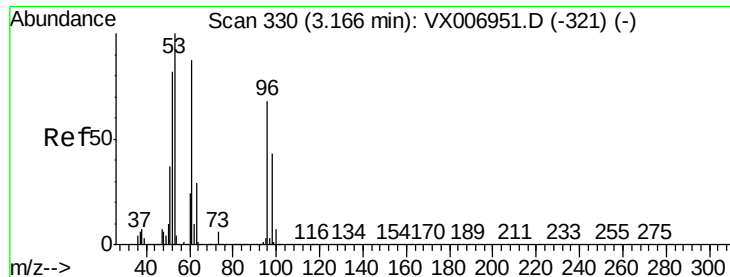


#20

Methylene Chloride
 Concen: 5.771 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.3	91.8	137.6
51	31.1	28.5	42.7
86	61.0	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 5.299 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

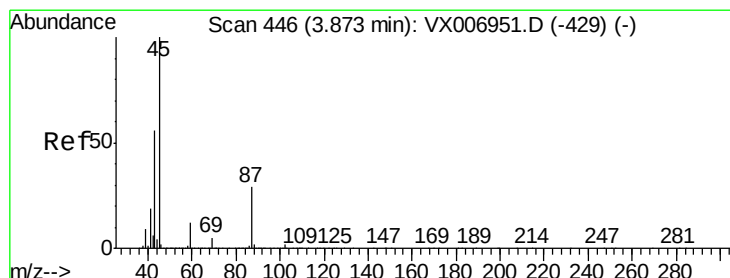
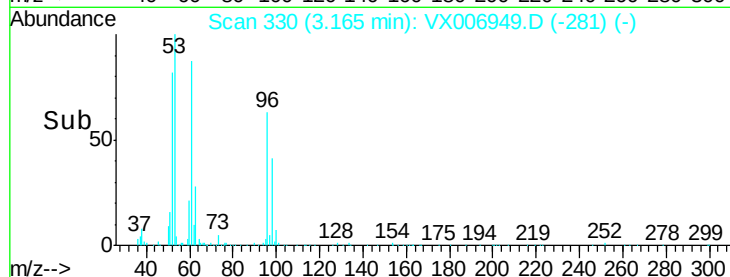
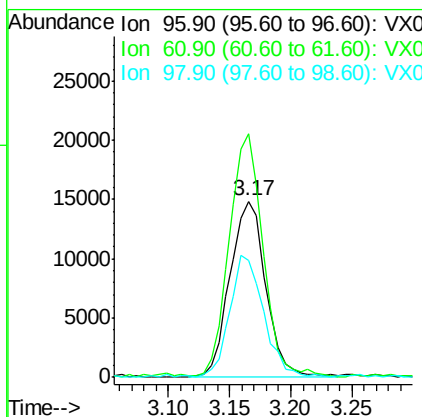
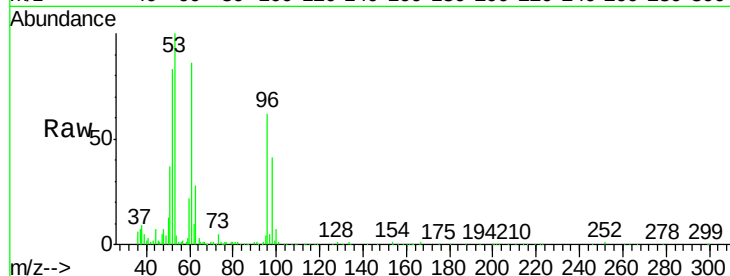
ClientSampled :

VSTDIC005

Tot Ion:	96	Resp:	30256
Ion	Ratio	Lower	Upper
96	100		
61	137.8	103.7	155.5
98	65.2	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.859 ug/l

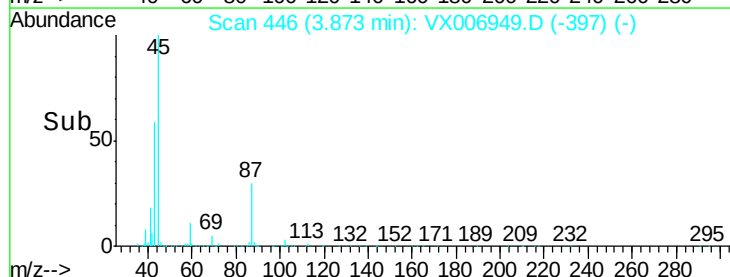
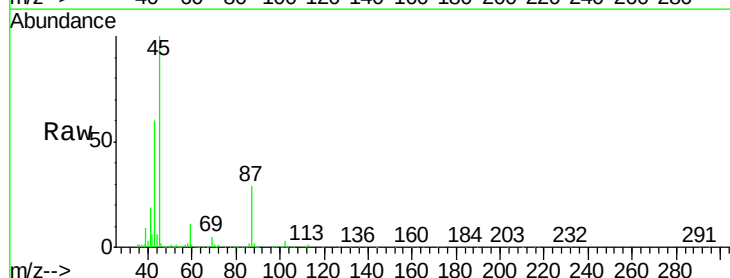
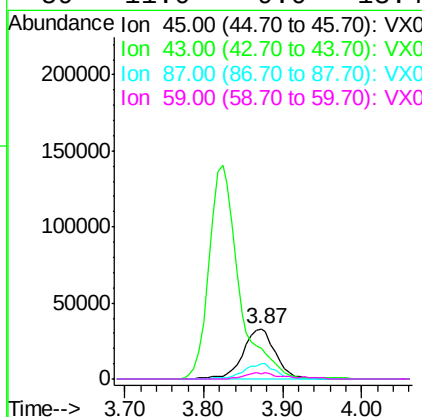
RT: 3.87 min Scan# 446

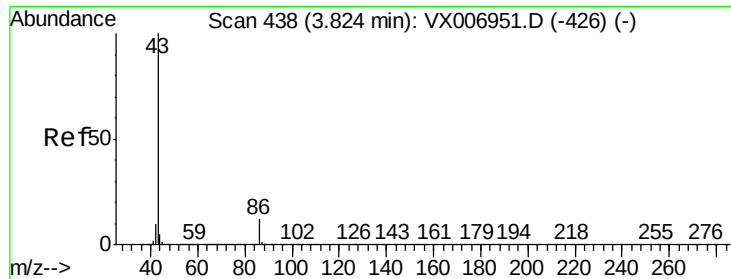
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	45	Resp:	92983
Ion	Ratio	Lower	Upper
45	100		
43	59.1	51.2	76.8
87	29.4	25.8	38.6
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 28.786 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 373660

Ion Ratio Lower Upper

43 100

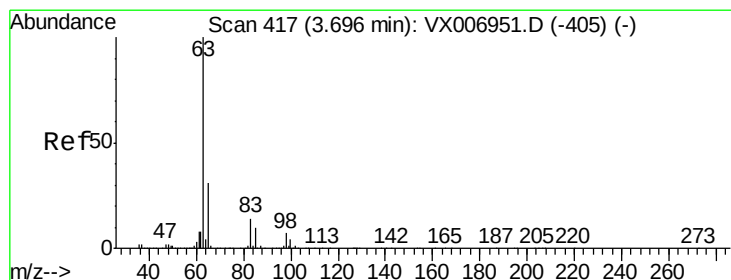
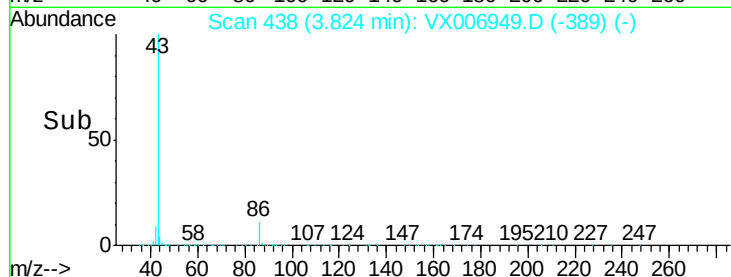
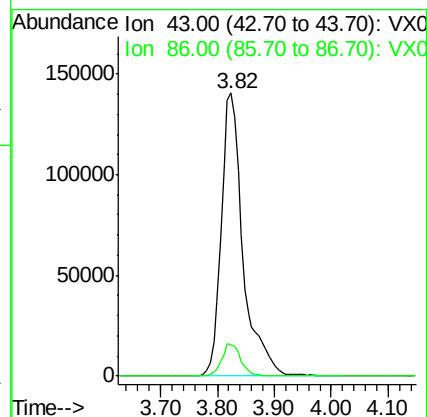
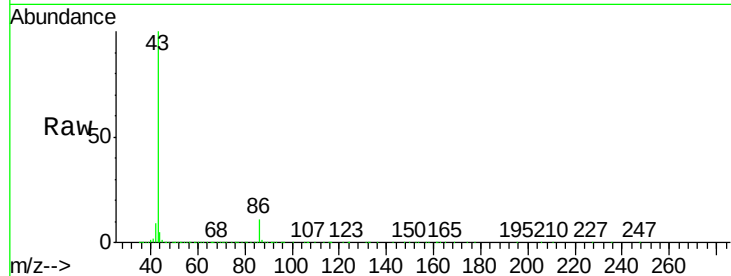
86 11.2 9.2 13.8

Manual Integrations

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1/9/2019 10:24:52 AM



#24

1,1-Dichloroethane

Concen: 5.493 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

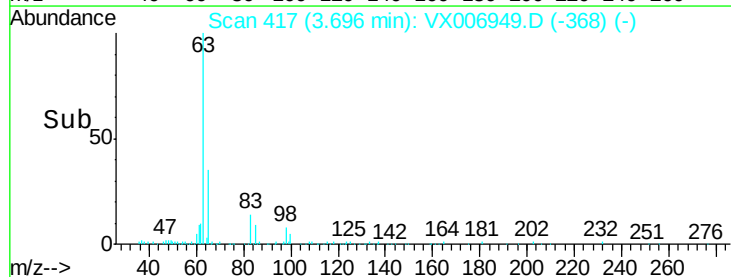
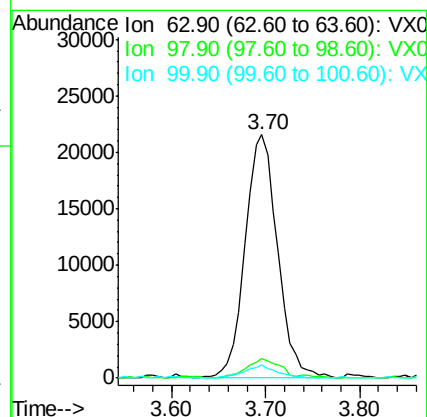
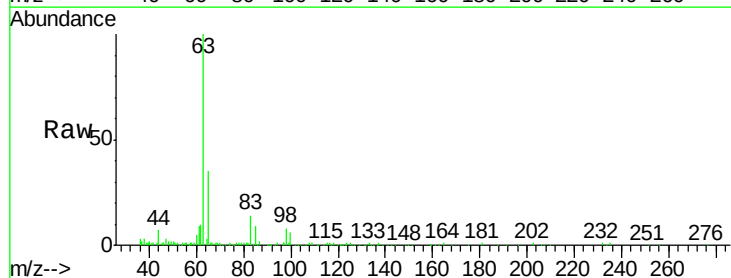
Tgt Ion: 63 Resp: 52040

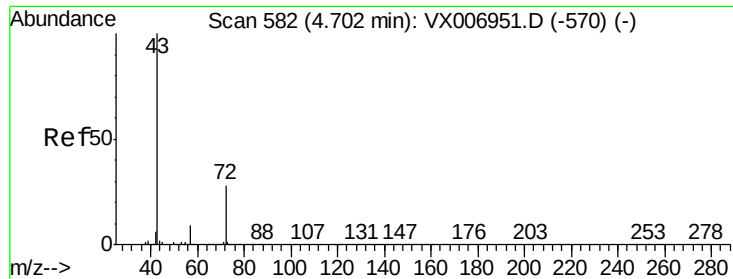
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 28.831 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 115823

Ion Ratio Lower Upper

43 100

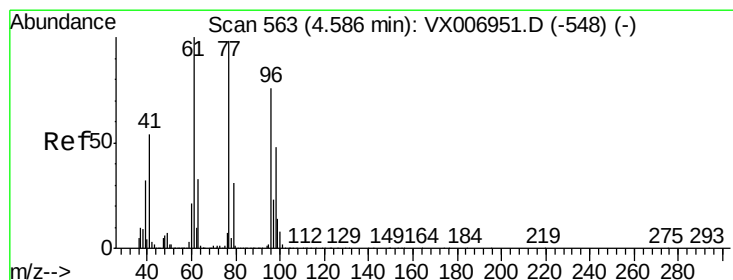
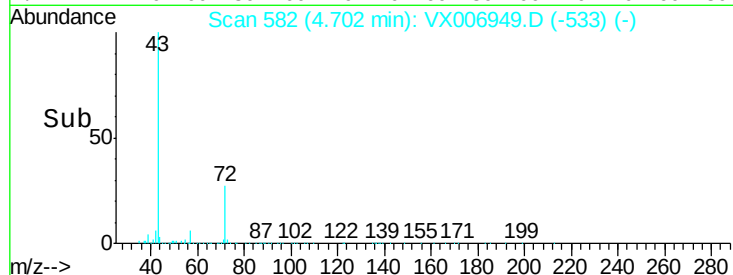
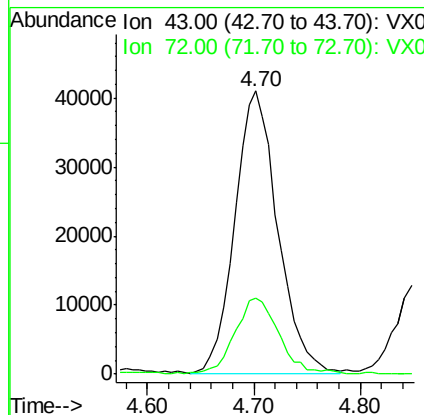
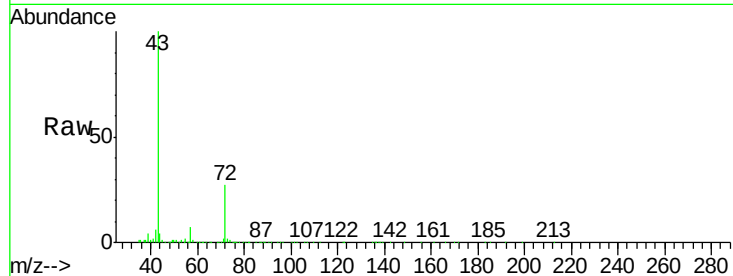
72 26.6 22.4 33.6

Manual Integrations

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MMDadoda

1/9/2019 10:24:52 AM



#26

2,2-Dichloropropane

Concen: 5.083 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006949.D

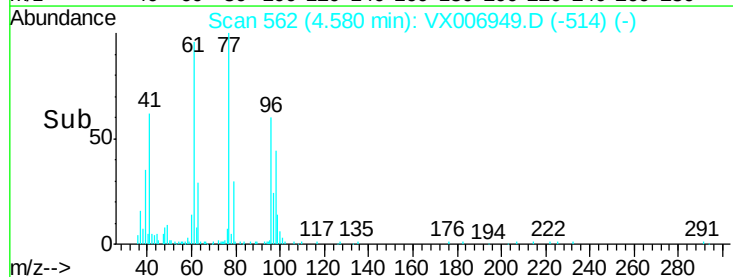
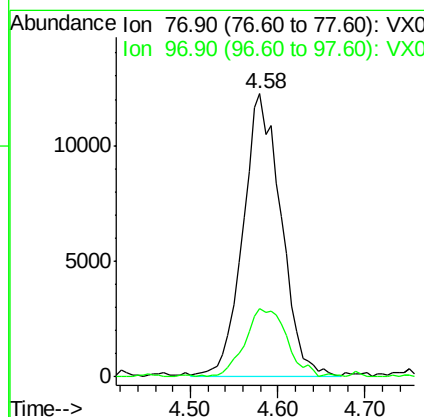
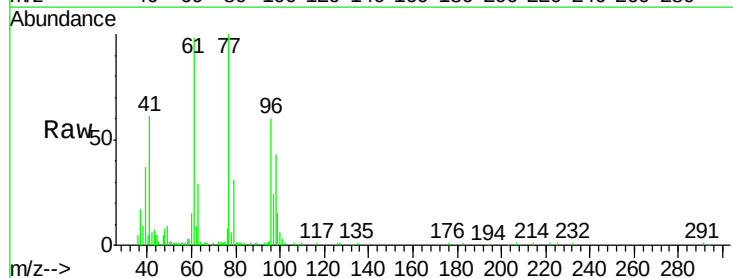
Acq: 08 Jan 2019 11:58

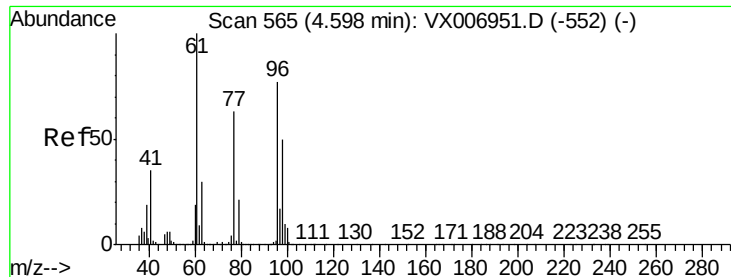
Tgt Ion: 77 Resp: 37195

Ion Ratio Lower Upper

77 100

97 26.6 12.4 37.4





#27

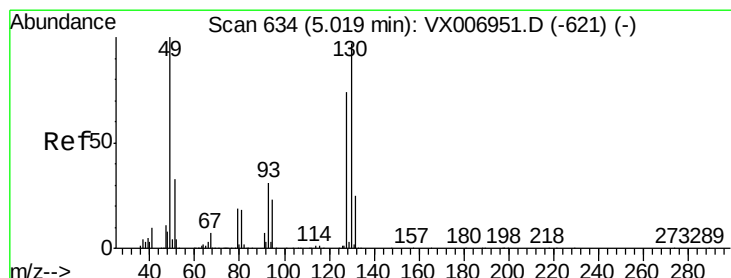
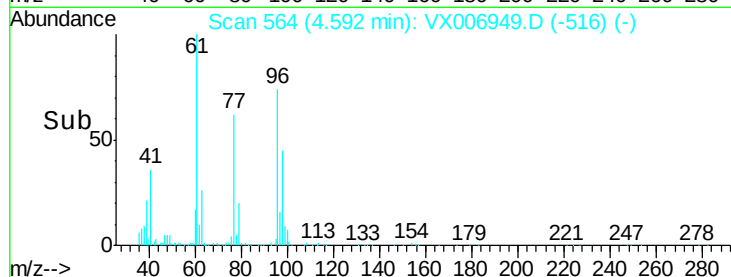
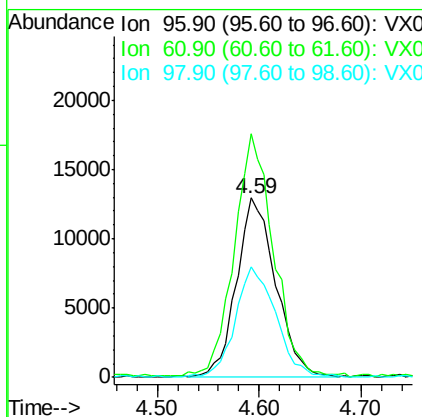
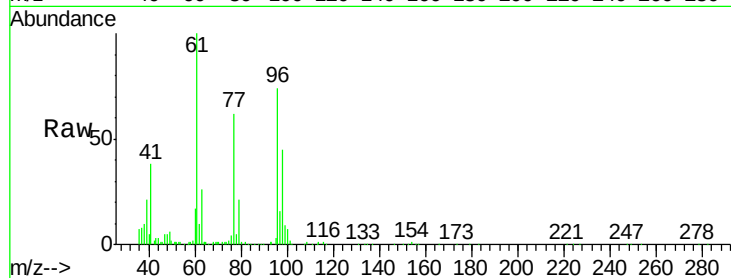
cis-1,2-Dichloroethene
Concen: 5.493 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	258.6
98	63.8	0.0	132.0

Manual Integrations
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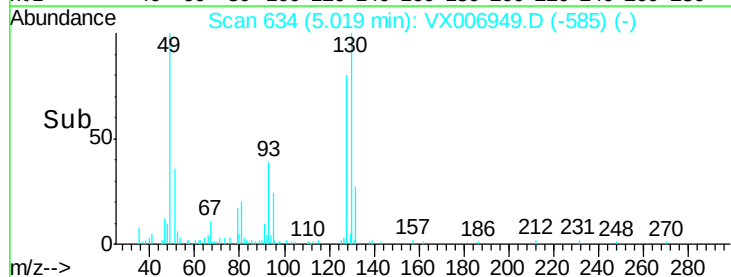
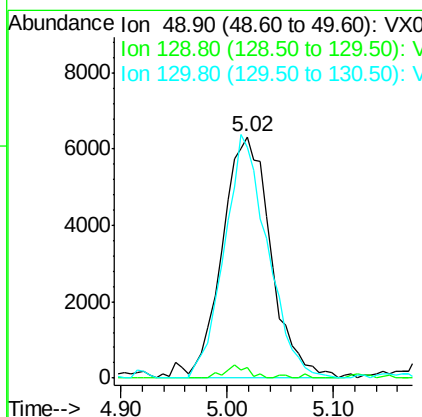
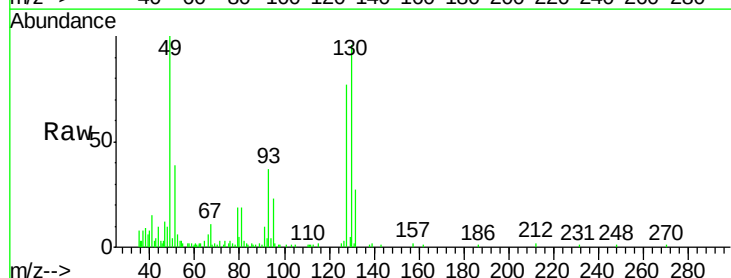
MMDadoda
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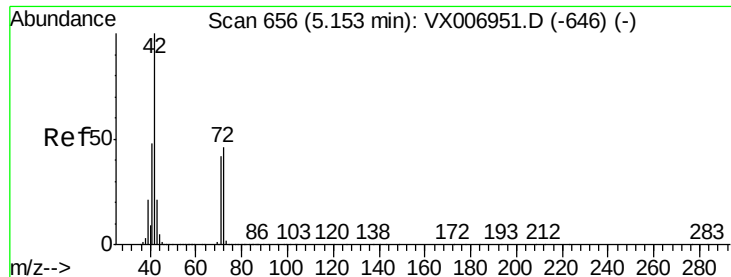


#28

Bromochloromethane
Concen: 4.596 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	91.0	77.7	116.5





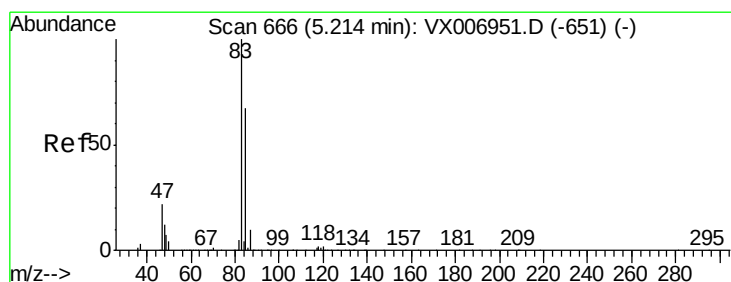
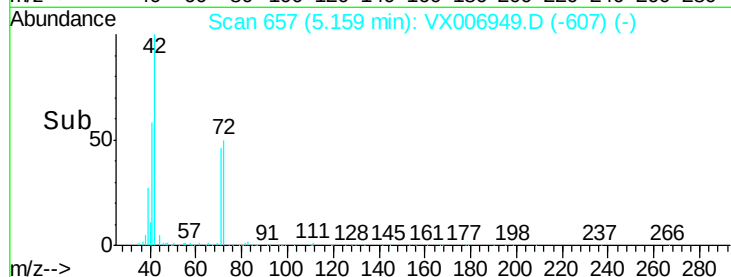
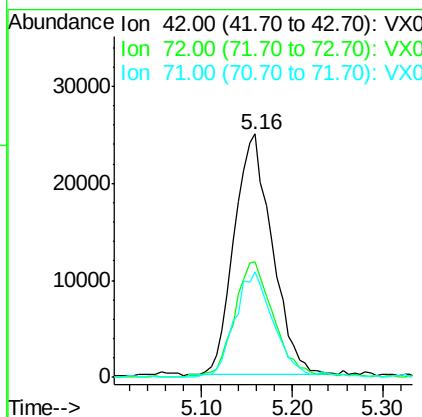
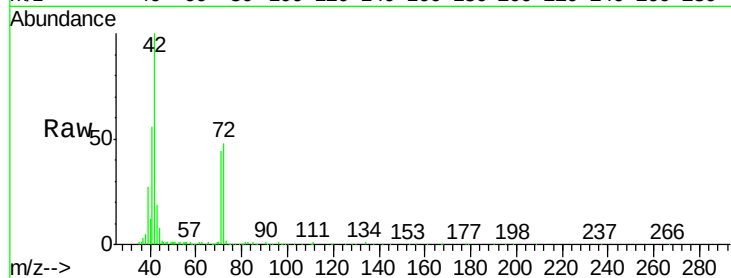
#29
Tetrahydrofuran
Concen: 27.437 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	42	Resp:	72595
Ion	Ratio	Lower	Upper
42	100		
72	49.6	38.9	58.3
71	44.0	36.2	54.4

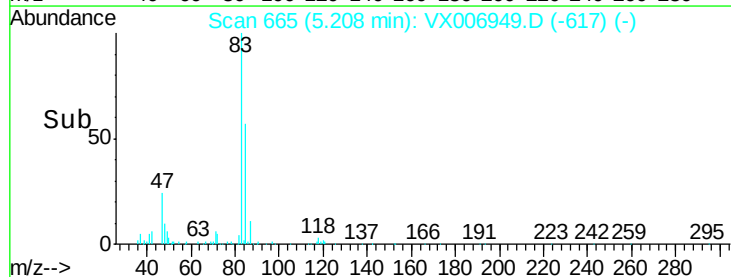
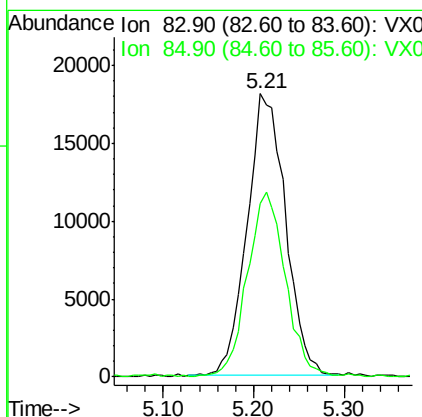
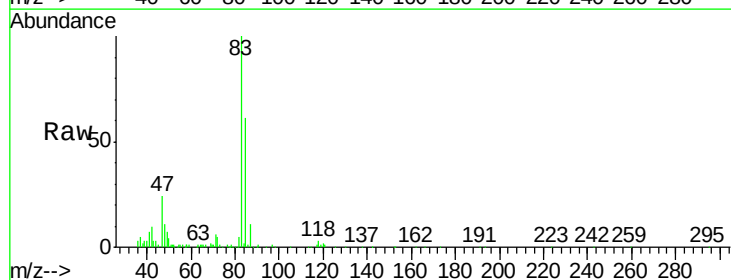
Manual Integrations
APPROVED

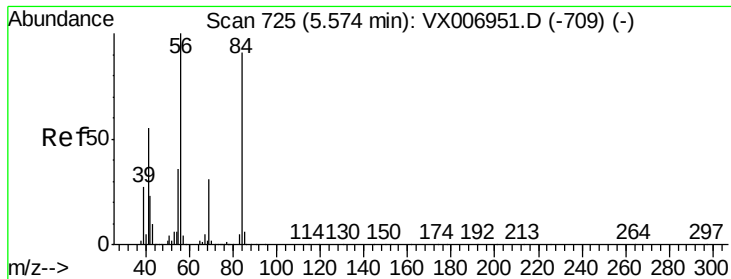
MMDadoda
1/9/2019 10:24:52 AM



#30
Chloroform
Concen: 5.421 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:	83	Resp:	53182
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.2	76.8





#31

Cyclohexane

Concen: 5.234 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

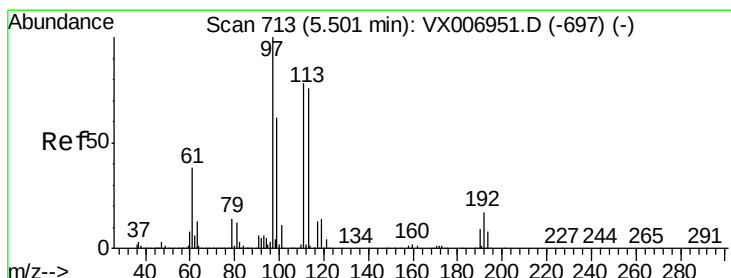
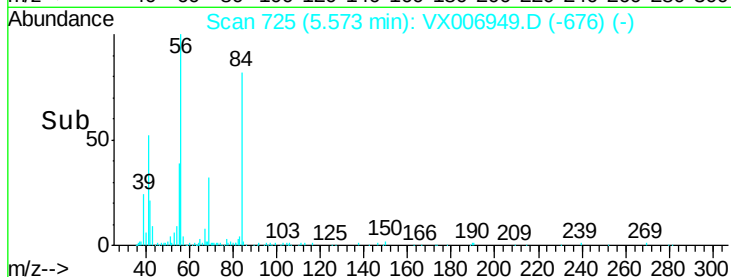
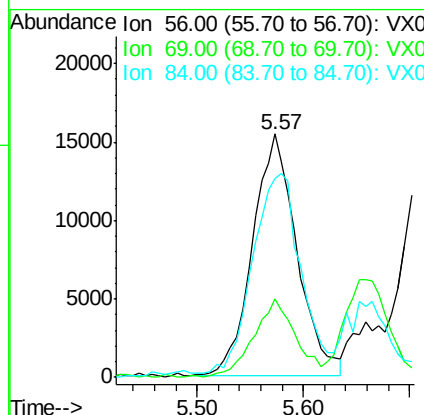
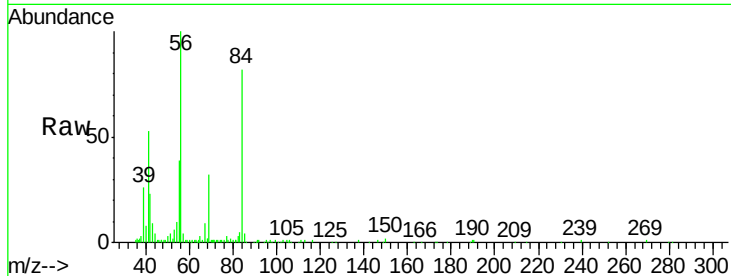
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	45048
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.4	36.6
84	80.8	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.202 ug/l

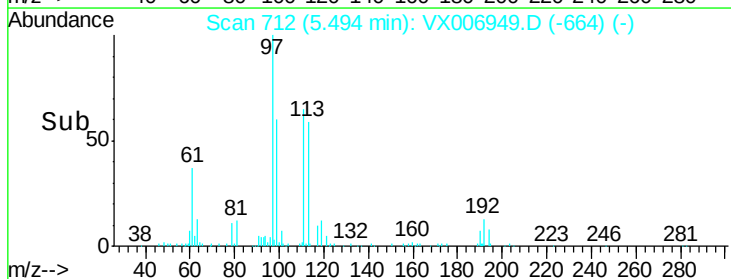
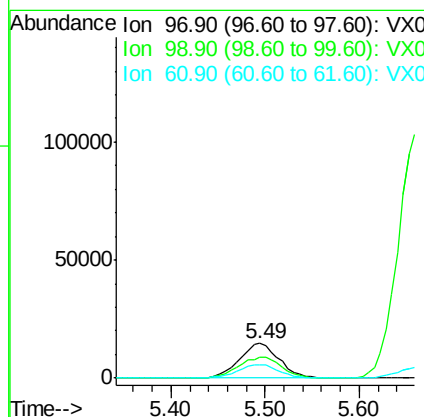
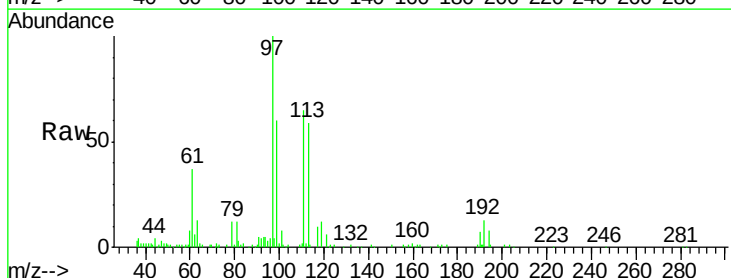
RT: 5.49 min Scan# 712

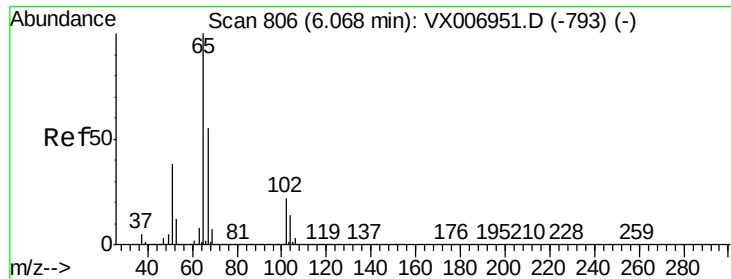
Delta R.T. -0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	97	Resp:	43094
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.7	77.5
61	41.0	31.3	46.9





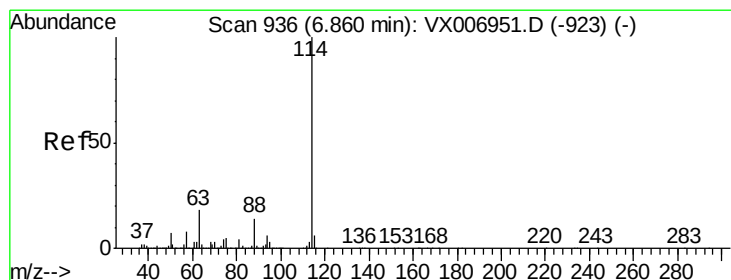
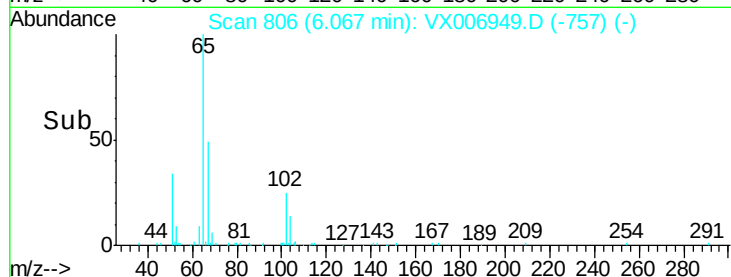
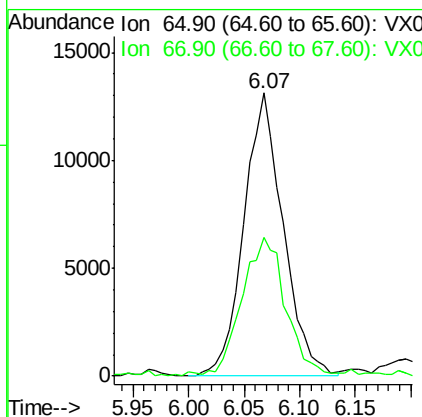
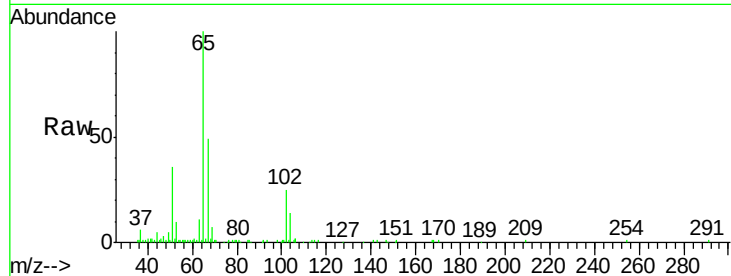
#33
 1,2-Dichloroethane-d4
 Concen: 5.188 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0

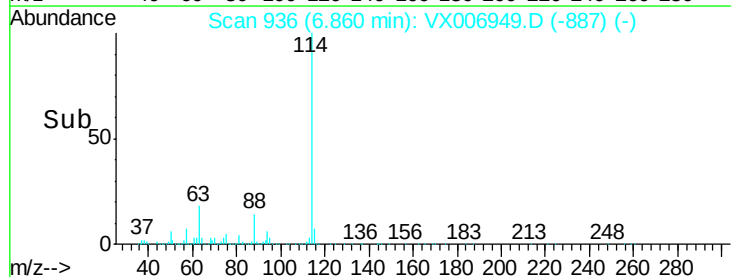
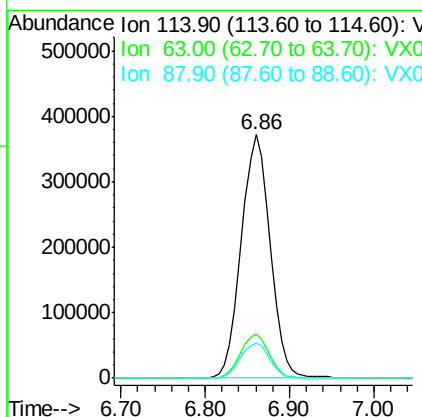
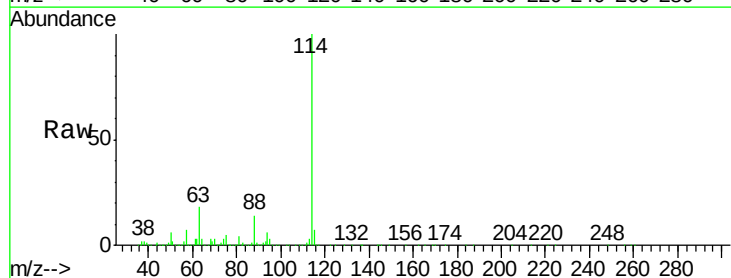
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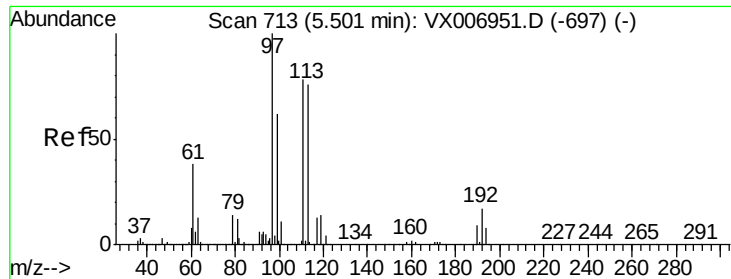
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.8
88	14.4	0.0	28.8





#35

Dibromofluoromethane

Concen: 5.170 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

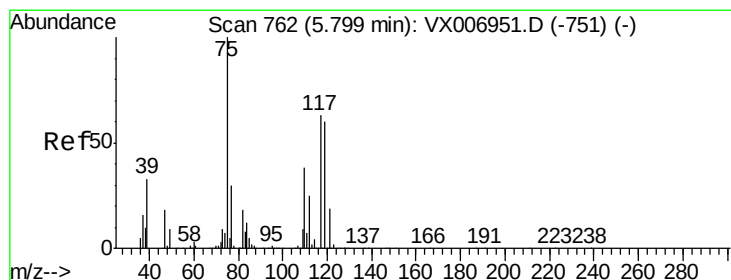
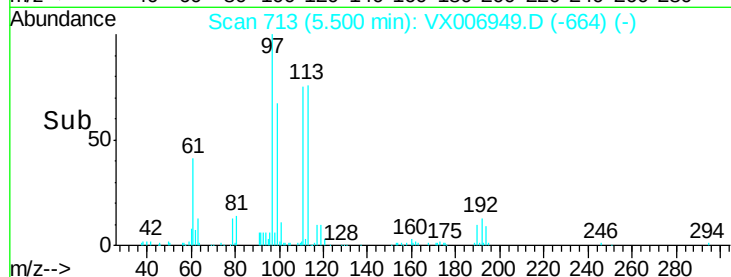
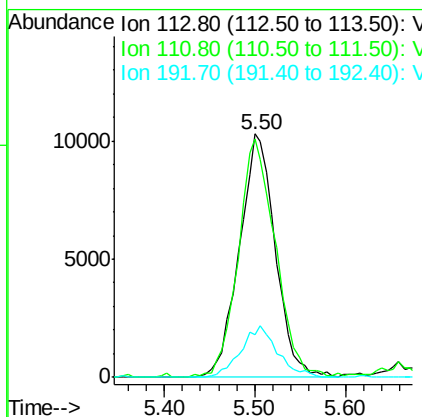
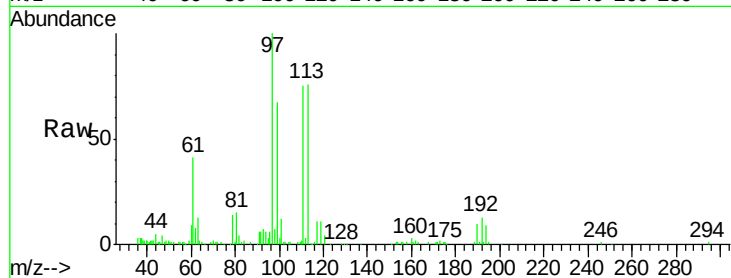
ClientSampled :

VSTDIC005

Tot Ion:	113	Resp:	28313
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.6	122.4
192	21.3	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 5.392 ug/l

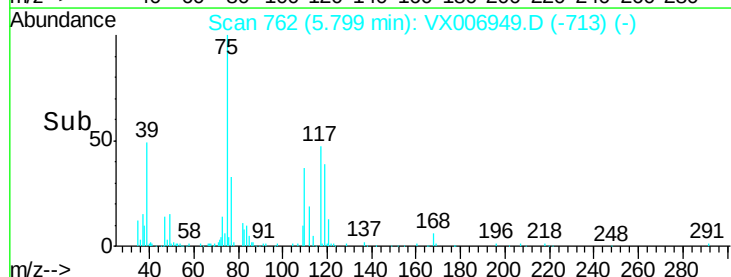
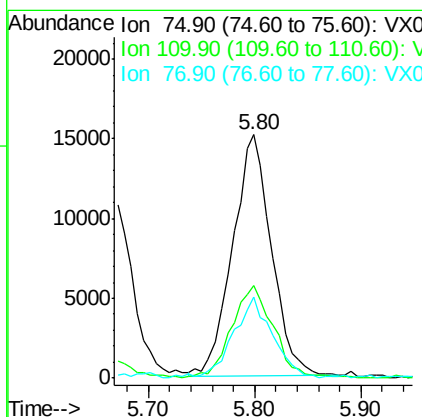
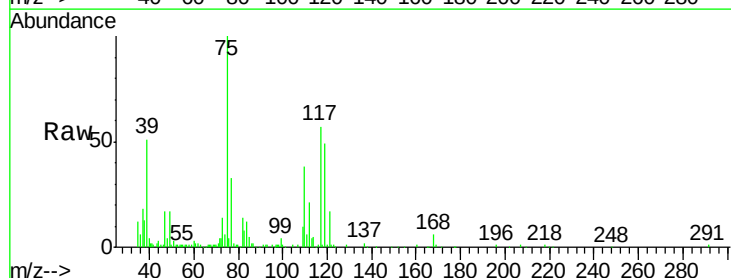
RT: 5.80 min Scan# 762

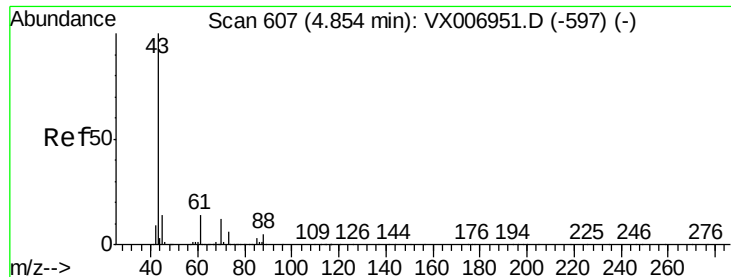
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	75	Resp:	38672
Ion Ratio	Lower	Upper	
75	100		
110	41.6	20.2	60.5
77	33.5	24.8	37.2





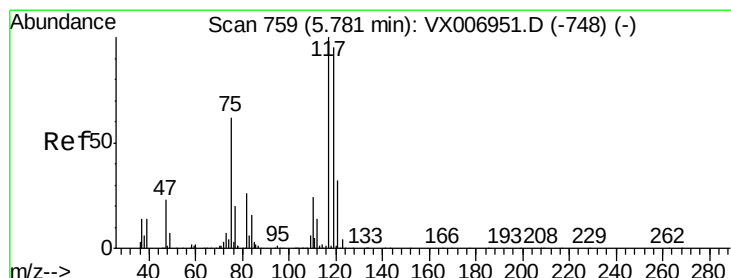
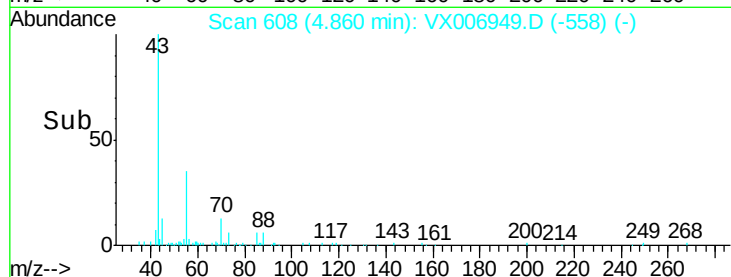
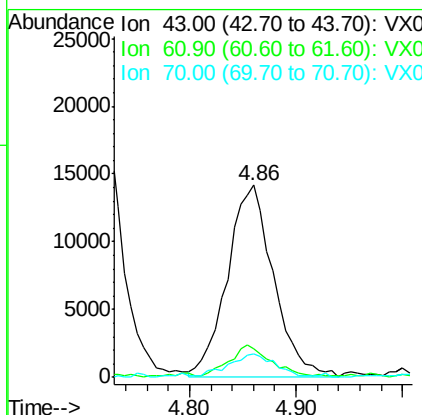
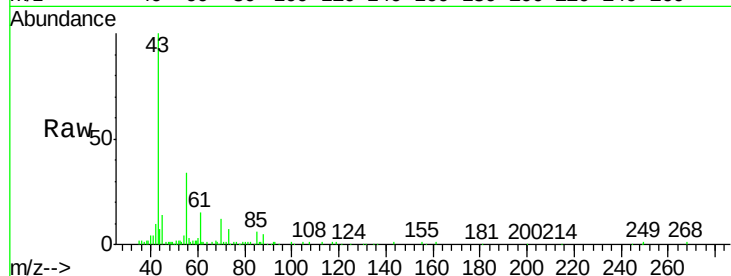
#37
Ethyl Acetate
Concen: 5.781 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	43153
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.9	17.9
70	11.4	9.7	14.5

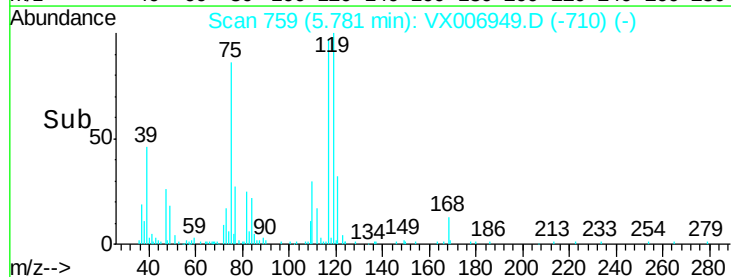
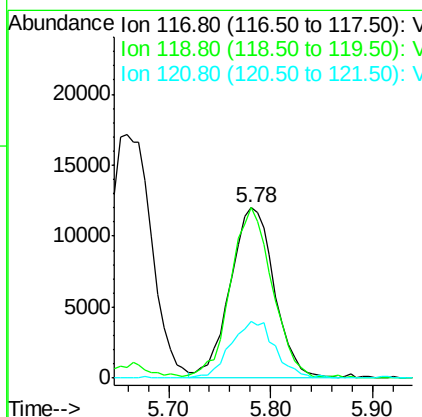
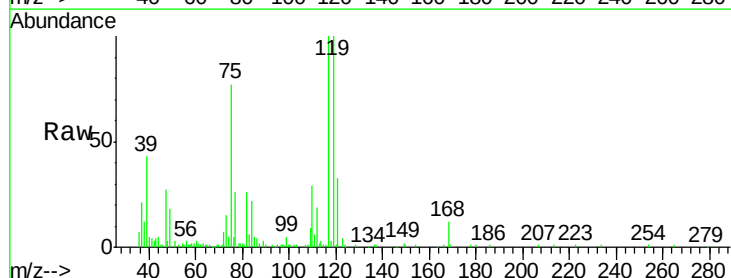
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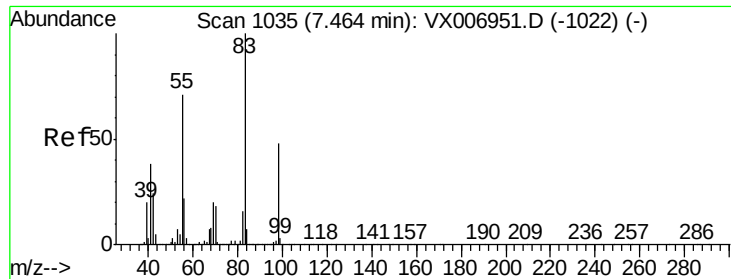
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#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:	117	Resp:	36118
Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.4	119.2
121	33.0	24.0	36.0





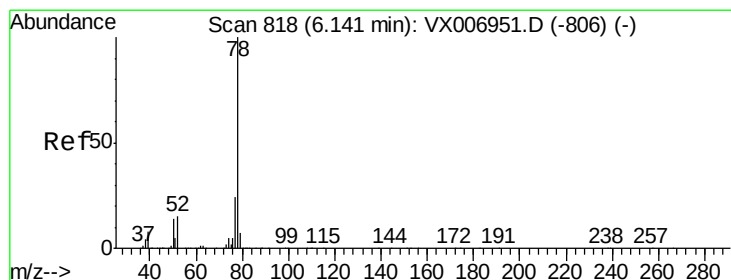
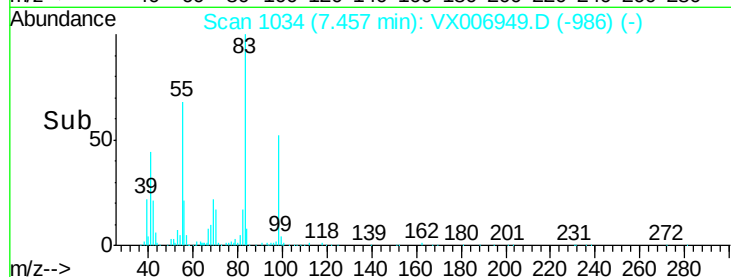
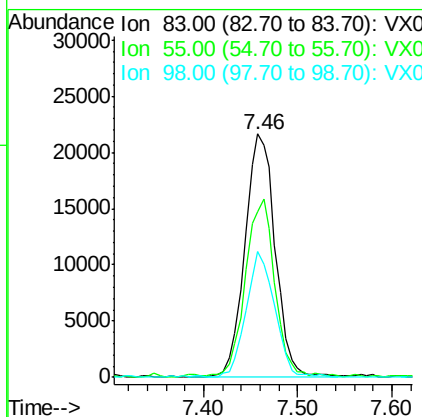
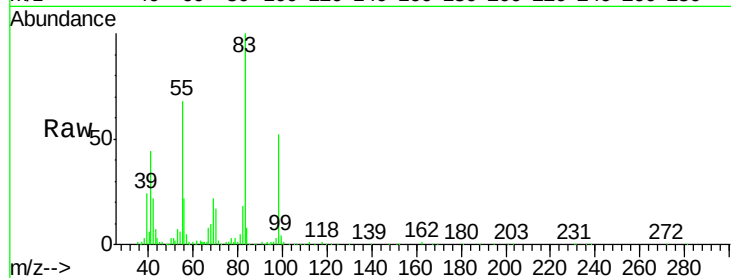
#39
Methylvlcyclohexane
Concen: 5.195 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.3	54.9	82.3
98	51.5	37.9	56.9

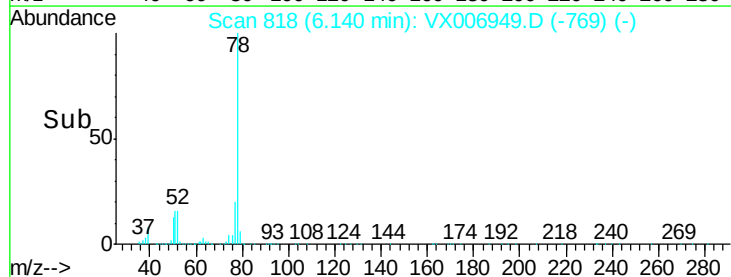
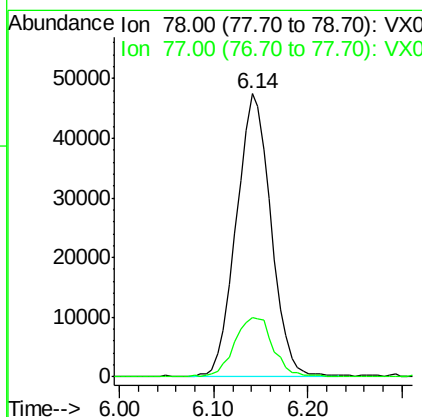
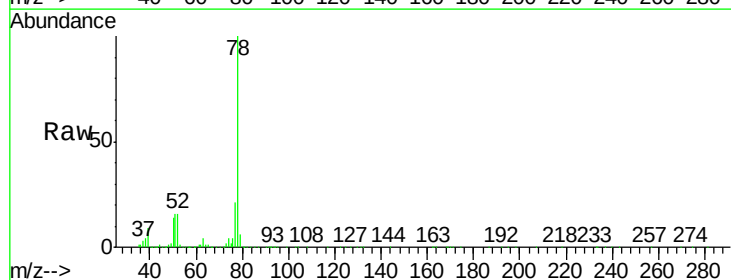
Manual Integrations
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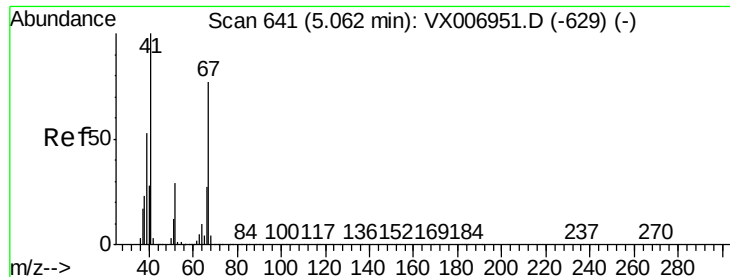
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#40
Benzene
Concen: 5.592 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.2	28.8





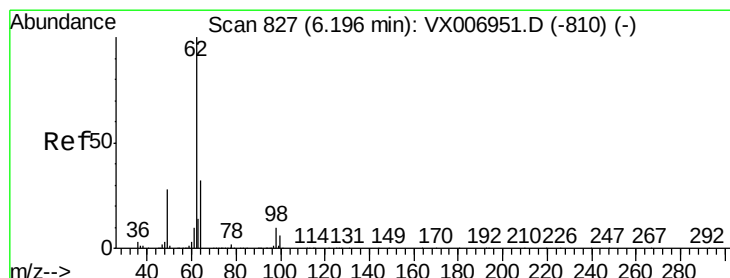
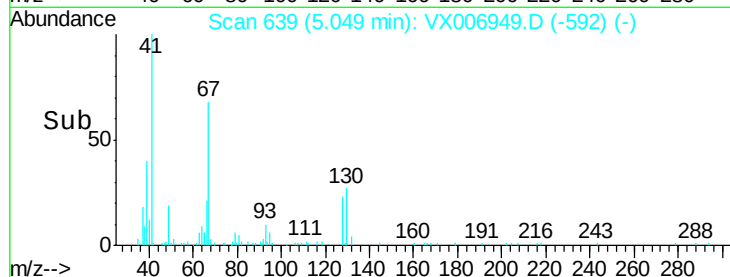
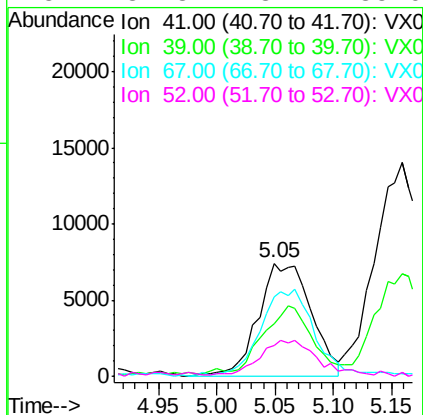
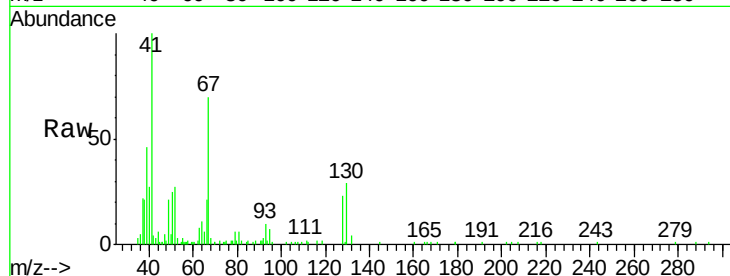
#41
Methacrylonitrile
Concen: 5.938 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	42.8	64.2	
67	74.5	62.1	93.1	
52	32.8	23.4	35.0	

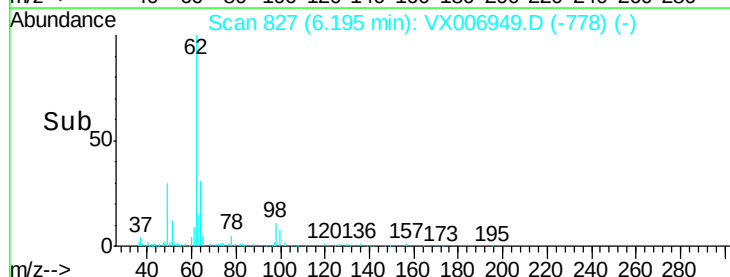
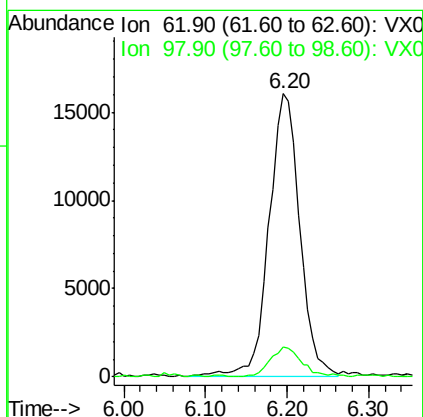
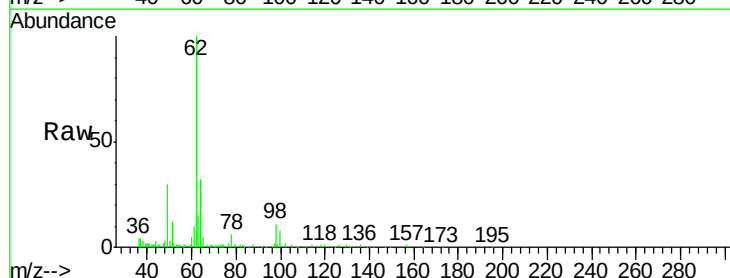
Manual Integrations
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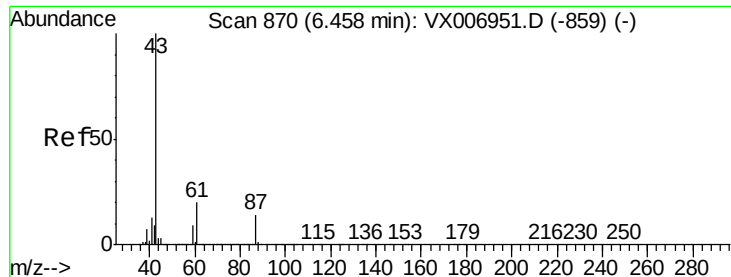
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.660 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

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





#43

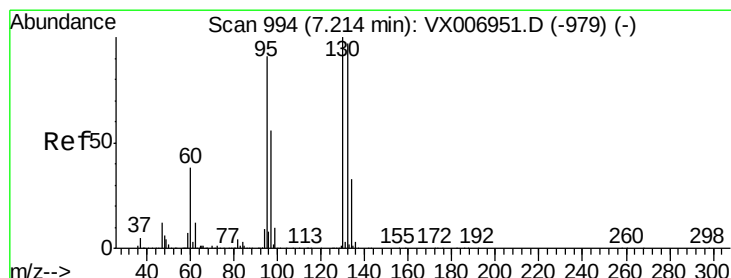
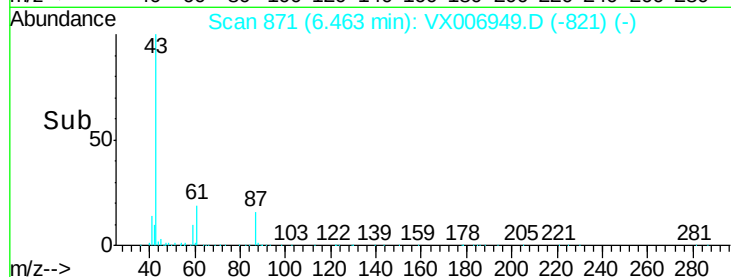
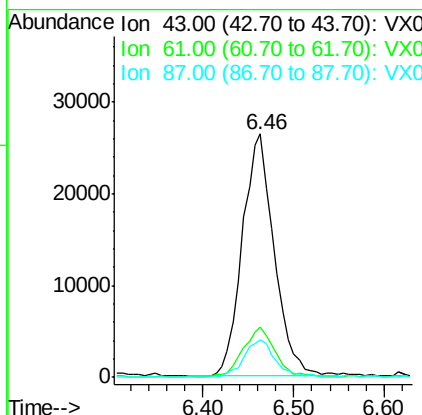
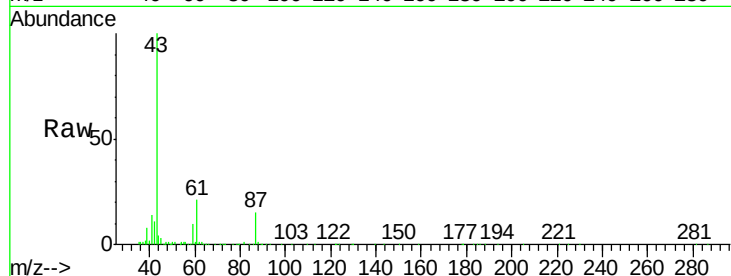
Isopropyl Acetate
 Concen: 5.667 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.2	12.4	18.6

Manual Integrations
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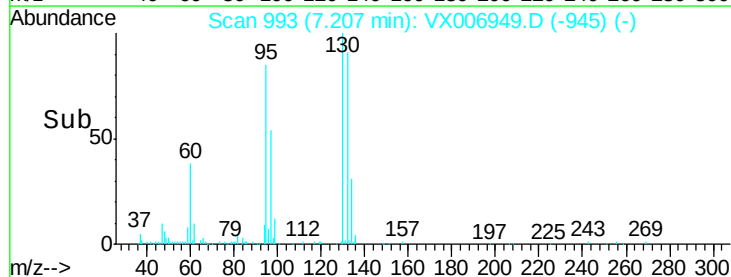
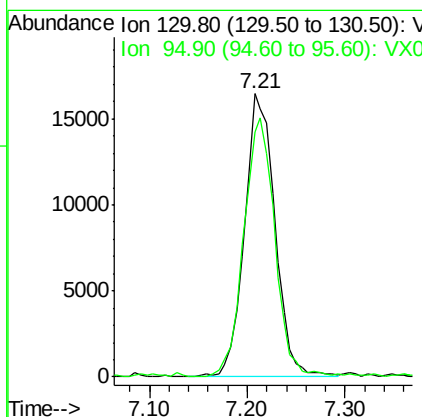
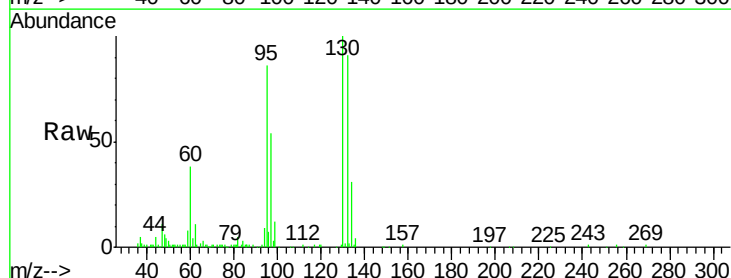
MMDadoda
 1/9/2019 10:24:52 AM

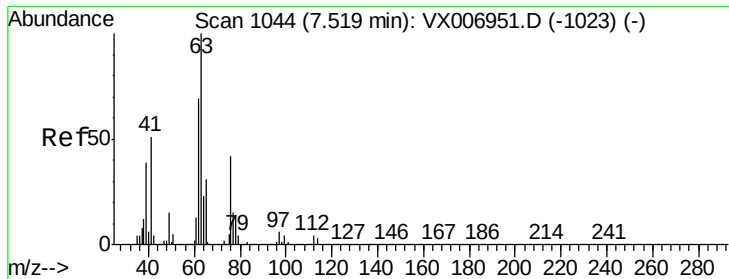


#44

Trichloroethene
 Concen: 5.411 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 5.948 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 31554

Ion Ratio Lower Upper

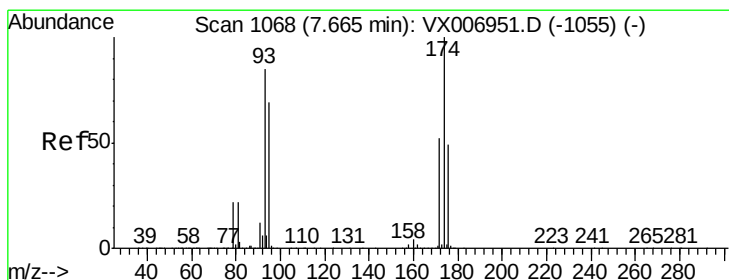
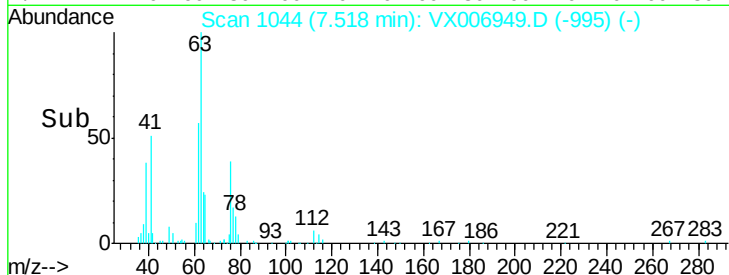
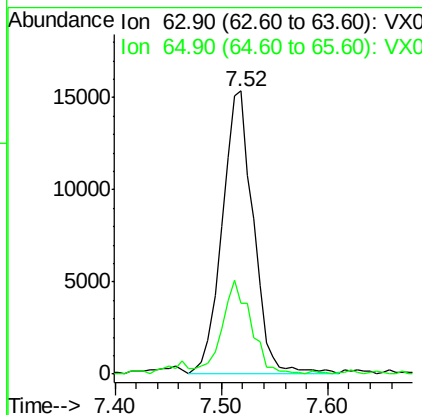
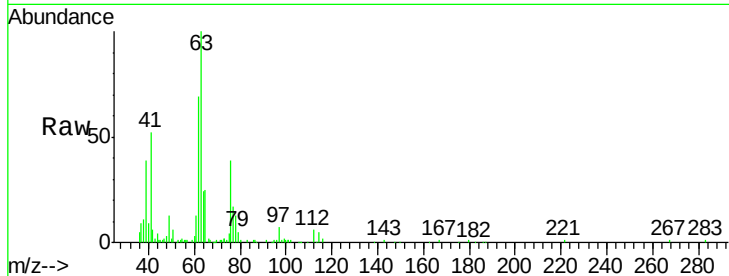
63 100

65 24.3 25.4 38.0#

Manual Integrations
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#46

Dibromomethane

Concen: 5.144 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

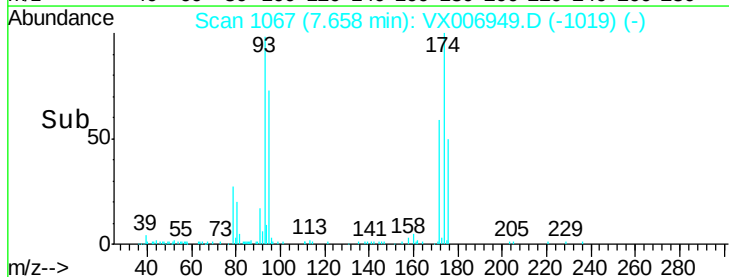
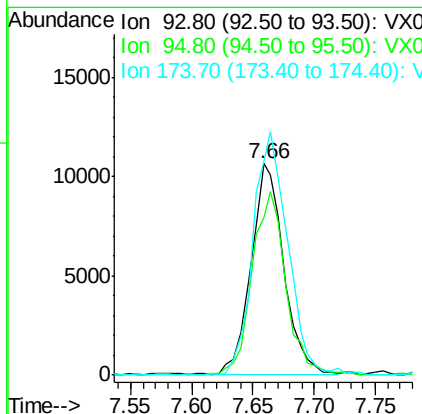
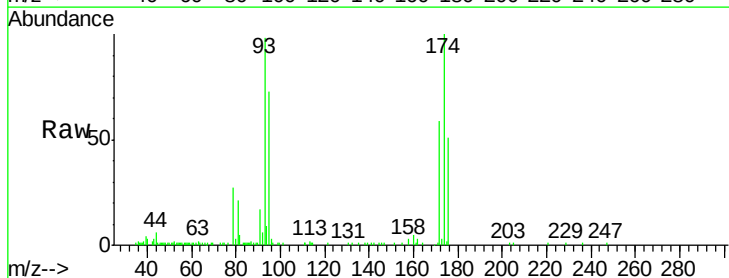
Tgt Ion: 93 Resp: 20072

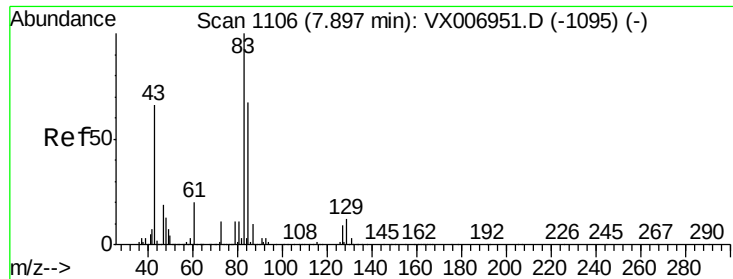
Ion Ratio Lower Upper

93 100

95 88.5 66.2 99.4

174 120.8 91.0 136.4





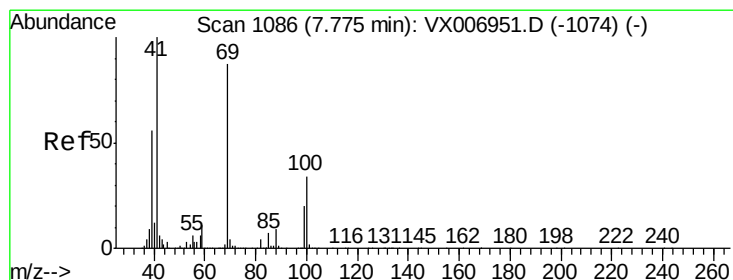
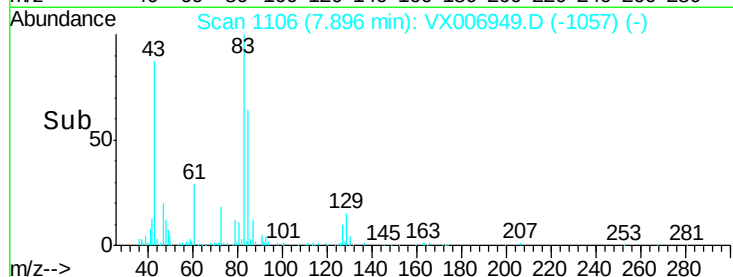
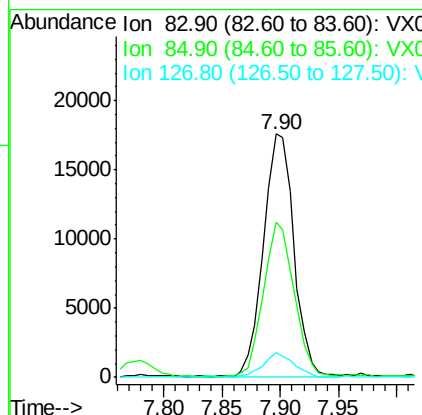
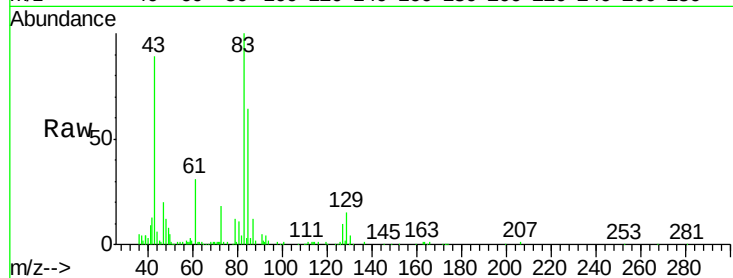
#47
Bromodichloromethane
Concen: 5.009 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.2	79.8
127	10.1	7.8	11.6

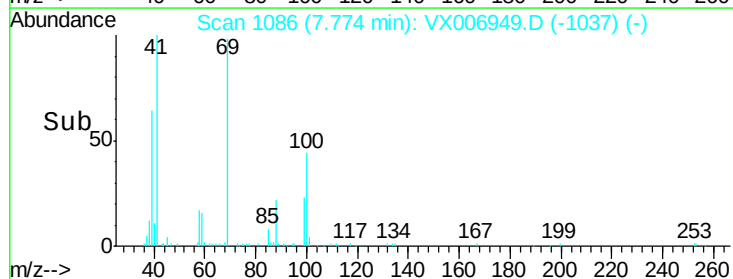
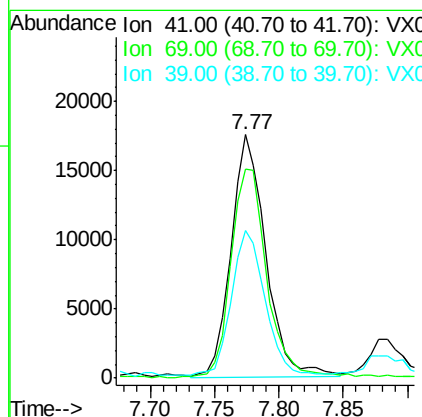
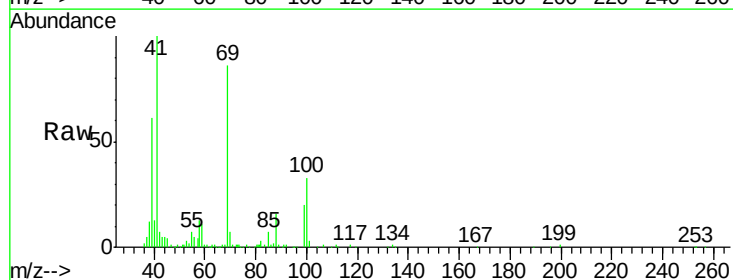
Manual Integrations
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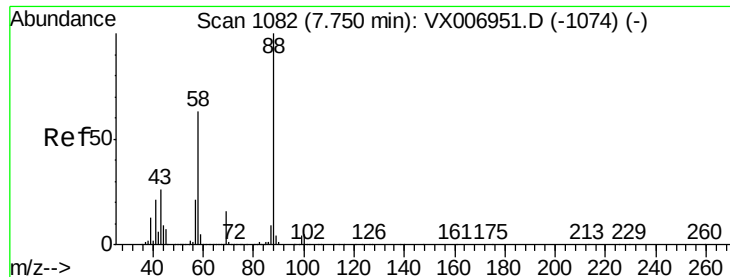
MMDadoda
1/9/2019 10:24:52 AM



#48
Methyl methacrylate
Concen: 5.701 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.7	72.4	108.6
39	57.8	45.8	68.8





#49

1,4-Dioxane

Concen: 103.532 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

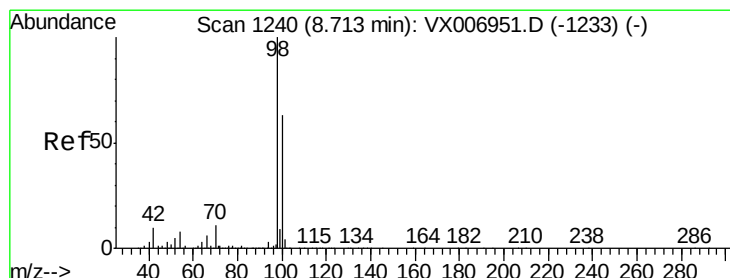
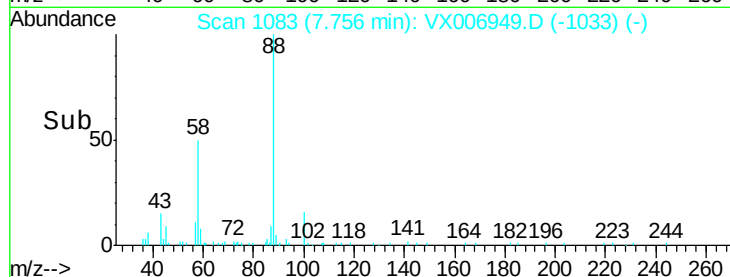
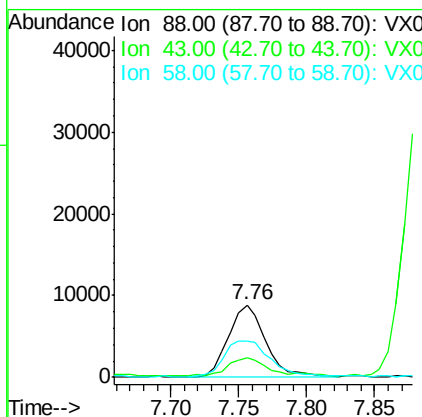
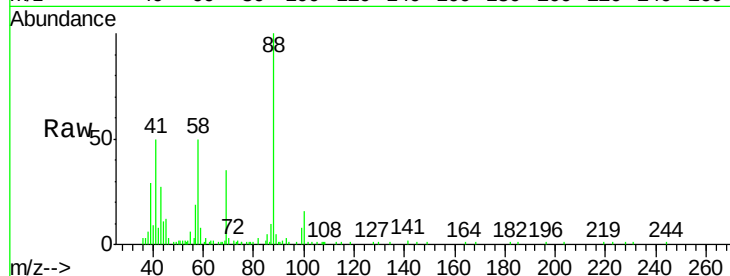
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	16920
Ion	Ratio	Lower	Upper
88	100		
43	28.0	22.2	33.4
58	66.3	51.0	76.4

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#50

Toluene-d8

Concen: 4.969 ug/l

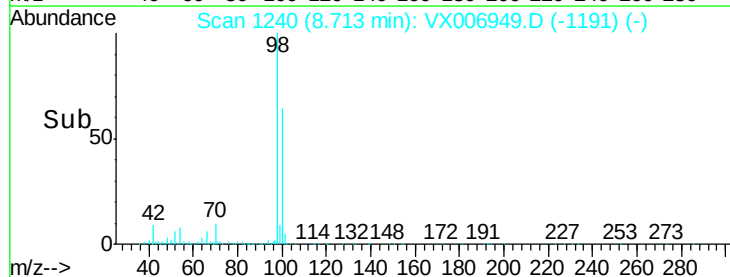
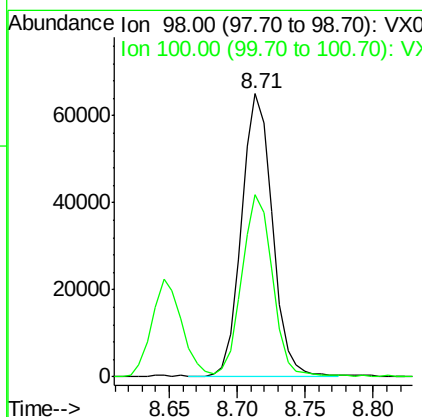
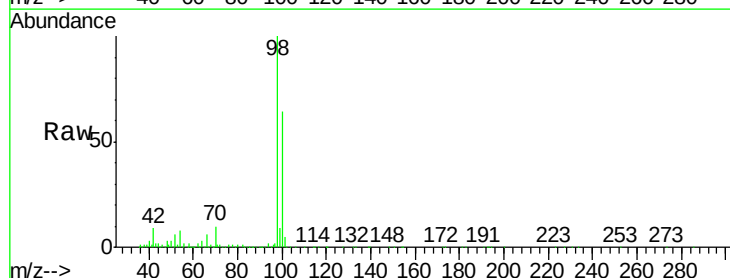
RT: 8.71 min Scan# 1240

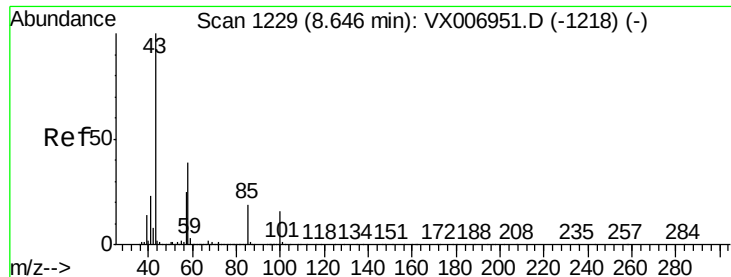
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	98	Resp:	102583
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 28.821 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 208292

Ion Ratio Lower Upper

43 100

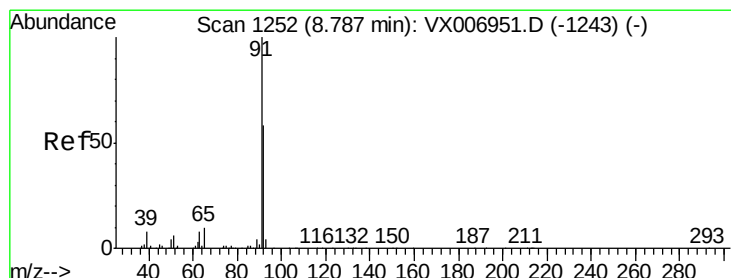
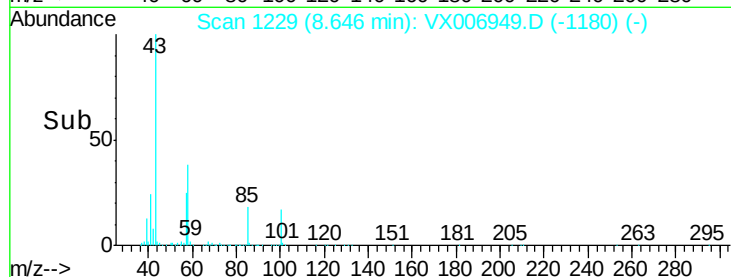
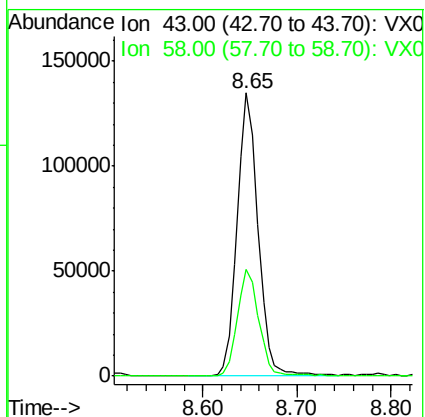
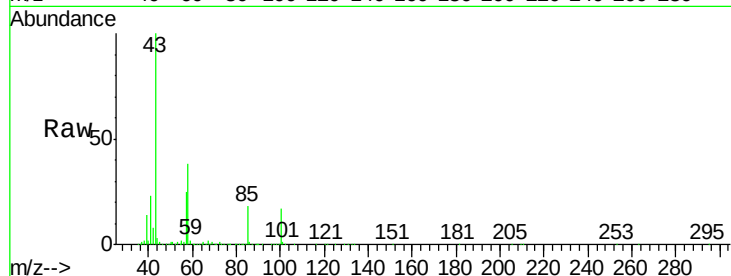
58 38.3 31.8 47.6

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#52

Toluene

Concen: 5.553 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006949.D

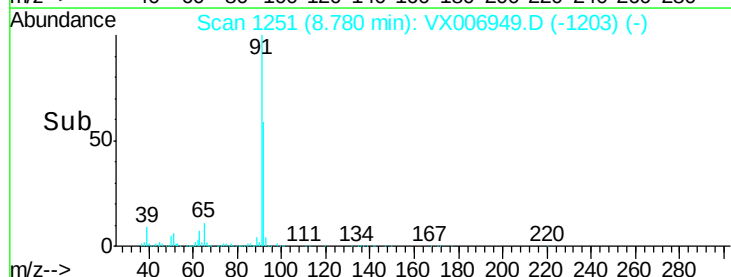
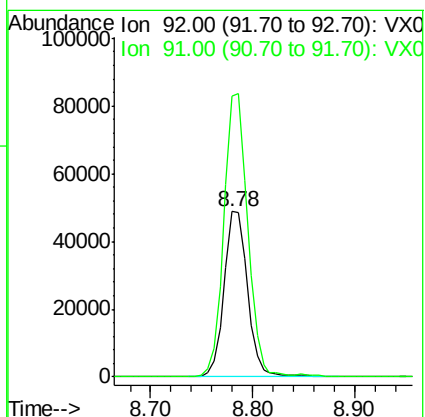
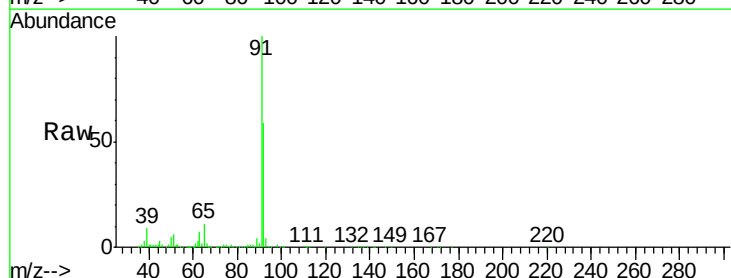
Acq: 08 Jan 2019 11:58

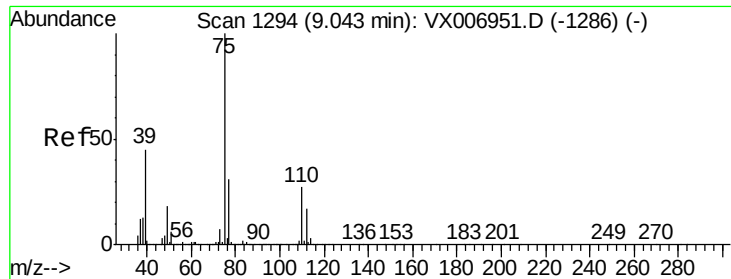
Tgt Ion: 92 Resp: 78214

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 4.928 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 34241

Ion Ratio Lower Upper

75 100

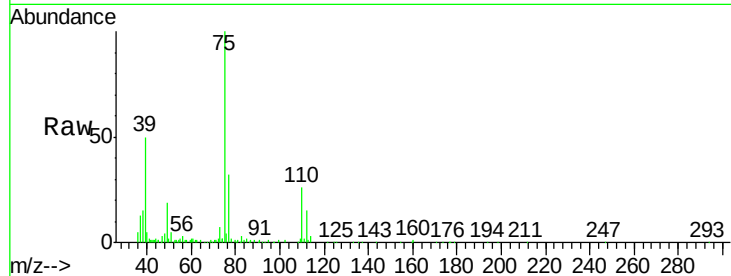
77 31.4 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

25000

20000

15000

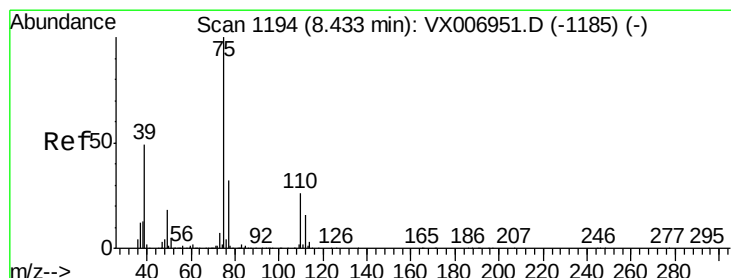
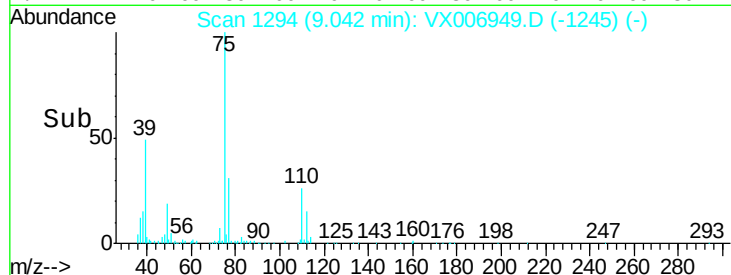
10000

5000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.119 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

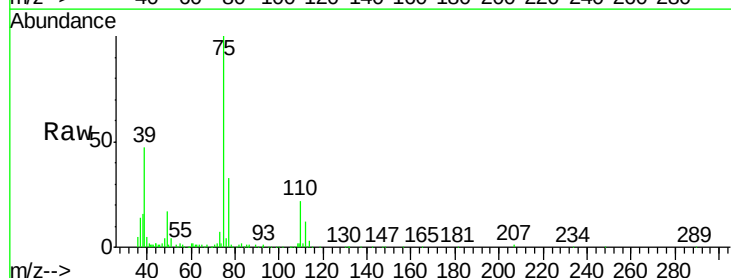
Tgt Ion: 75 Resp: 39030

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

39 46.4 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

30000

25000

20000

15000

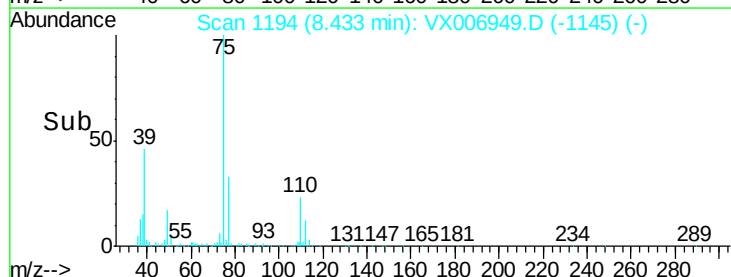
10000

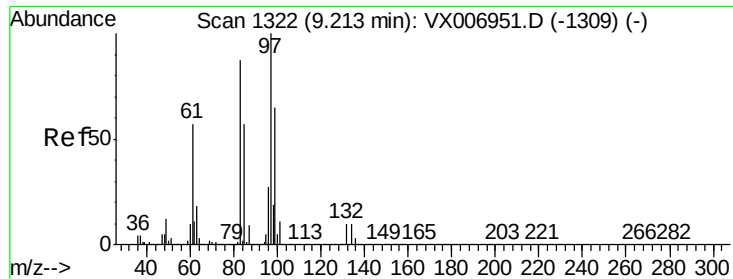
5000

0

8.40 8.50

Time-->





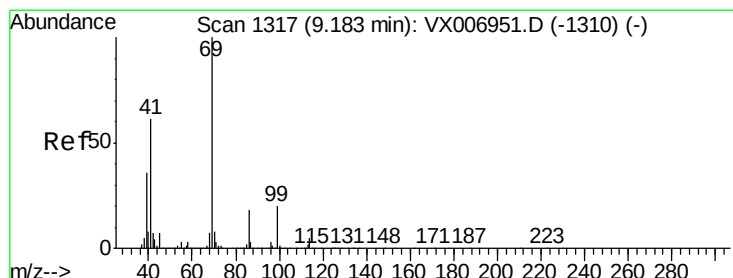
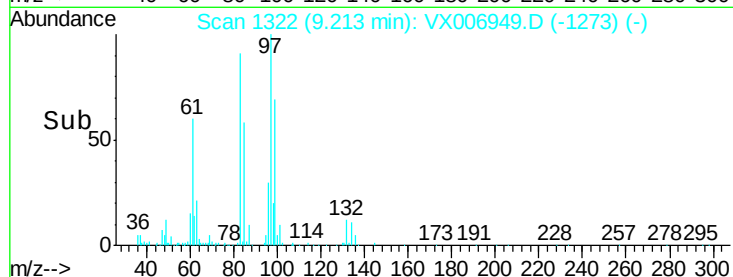
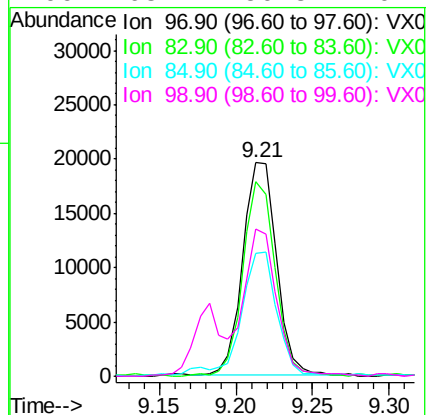
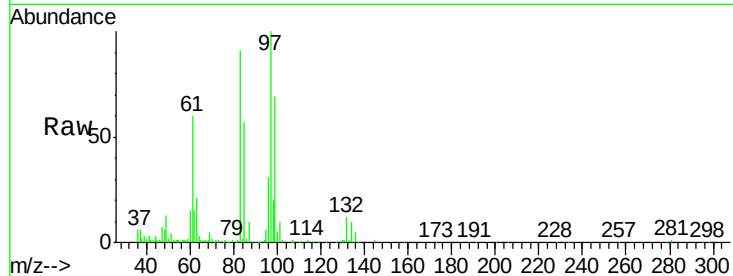
#55
1,1,2-Trichloroethane
Concen: 5.205 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.5	66.6	99.8
85	56.9	42.7	64.1
99	68.2	50.8	76.2

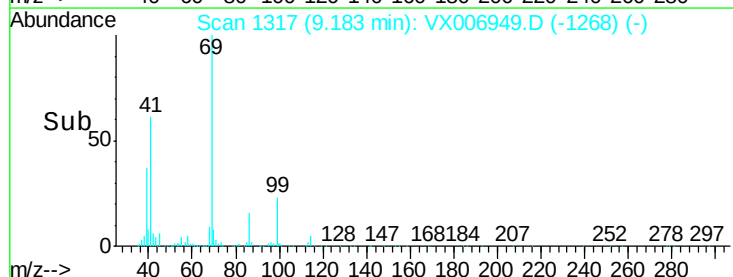
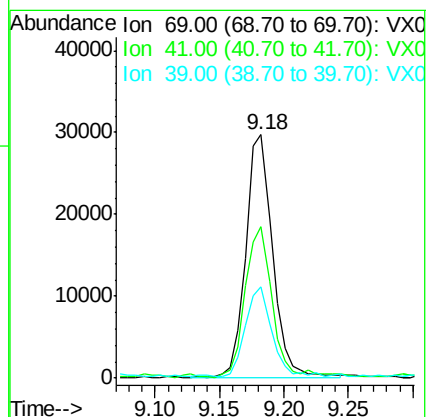
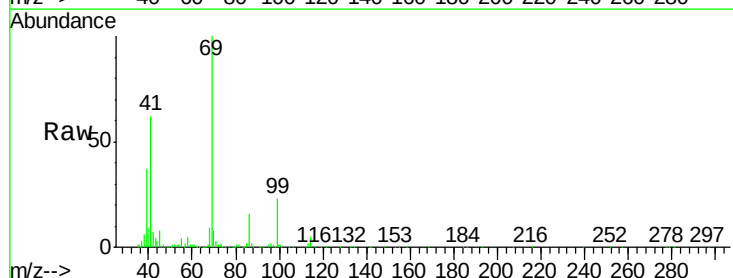
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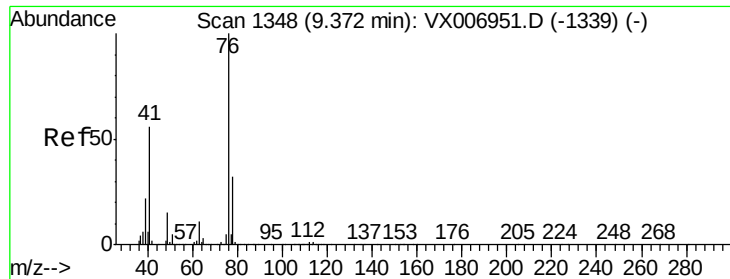
MMDadoda
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#56
Ethyl methacrylate
Concen: 5.206 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	48.7	73.1
39	36.6	27.0	40.6





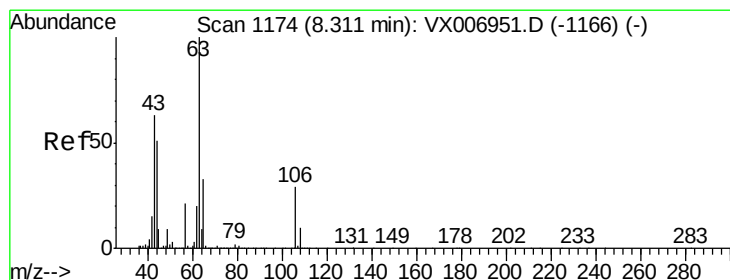
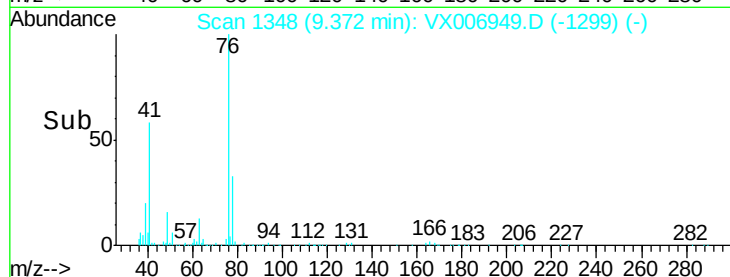
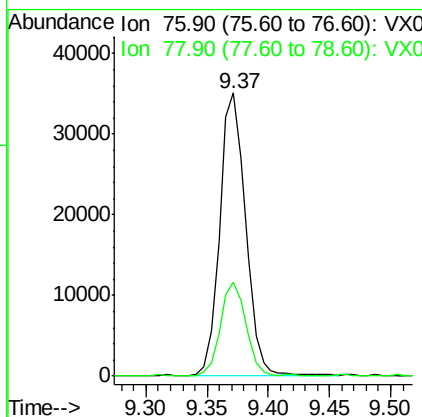
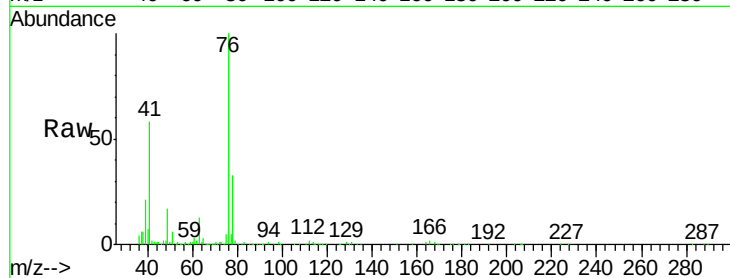
#57
 1,3-Dichloropropane
 Concen: 5.540 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.0	39.0

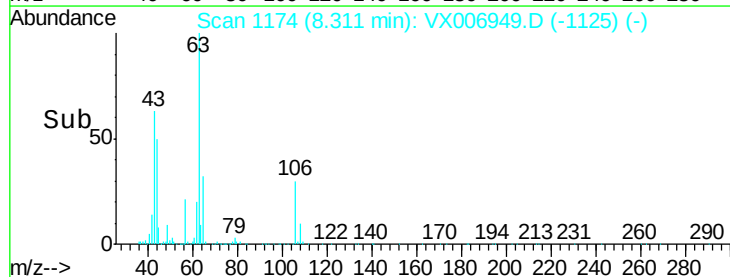
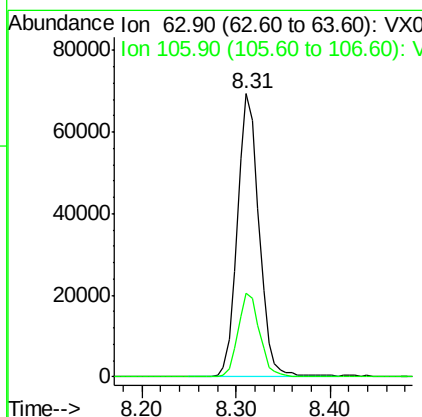
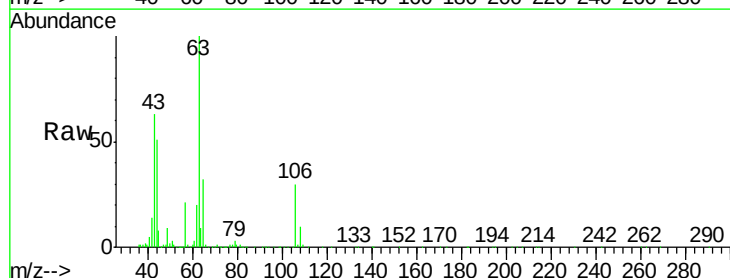
Manual Integrations
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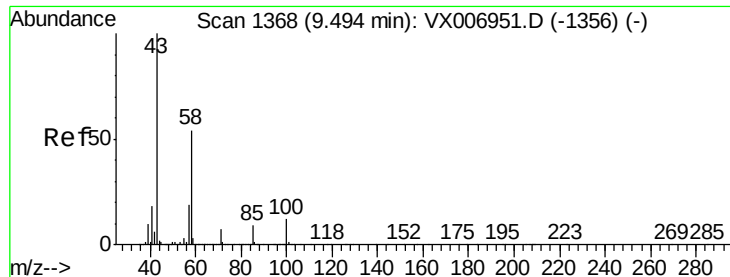
MMDadoda
 1/9/2019 10:24:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.699 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	24.6	36.8





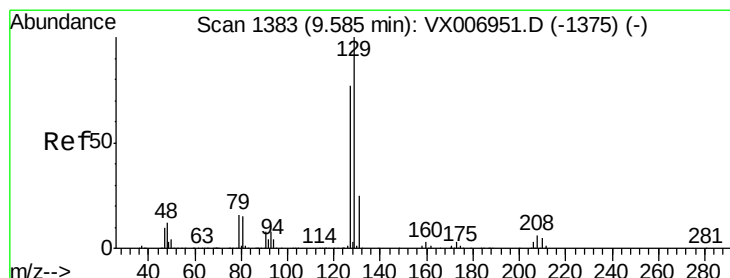
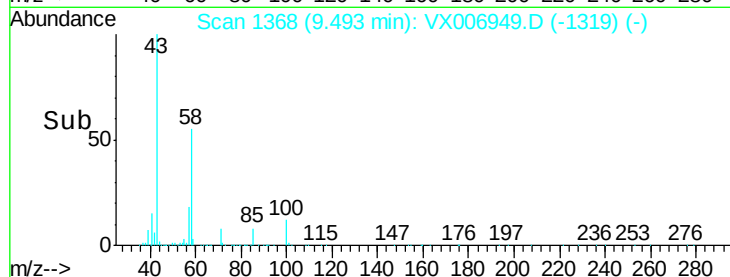
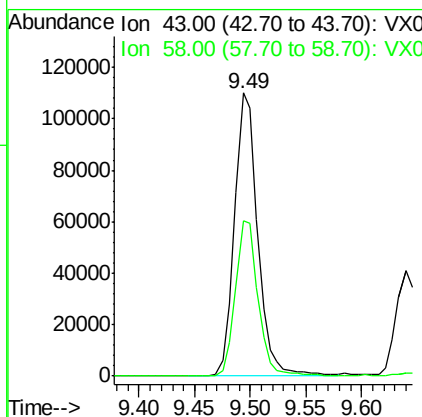
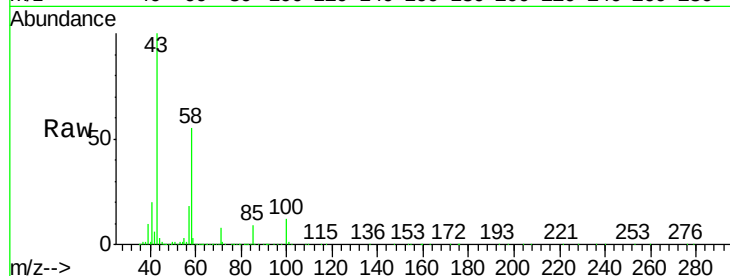
#59
2-Hexanone
Concen: 28.758 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 159019
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1

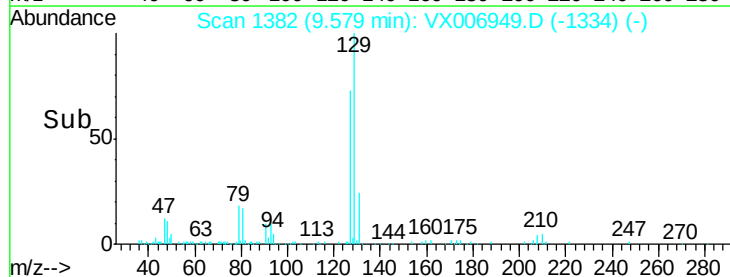
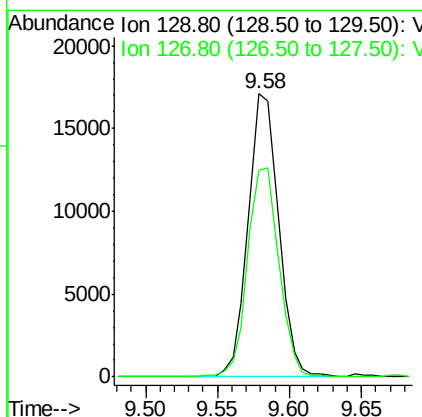
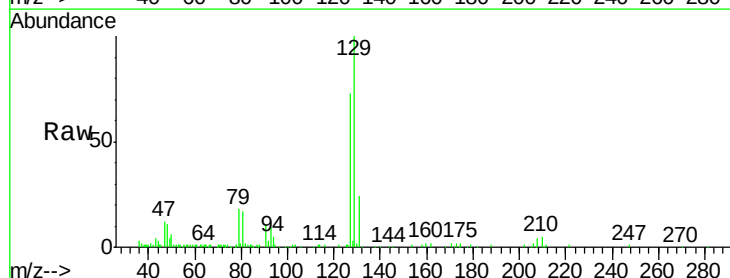
Manual Integrations
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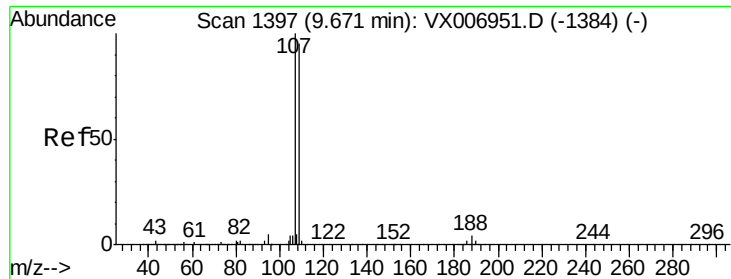
MMDadoda
1/9/2019 10:24:52 AM



#60
Dibromochloromethane
Concen: 4.714 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 129 Resp: 25034
Ion Ratio Lower Upper
129 100
127 75.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 5.413 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 107 Resp: 33175

Ion Ratio Lower Upper

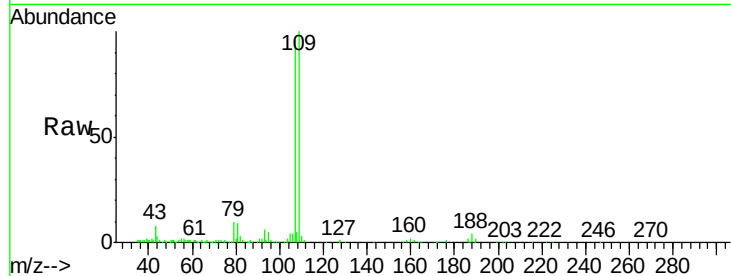
107 100

109 94.4 75.8 113.6

Manual Integrations
APPROVED

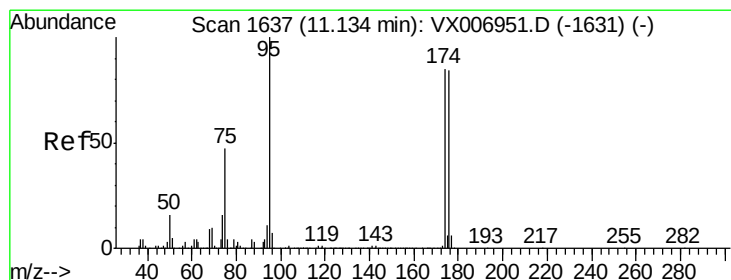
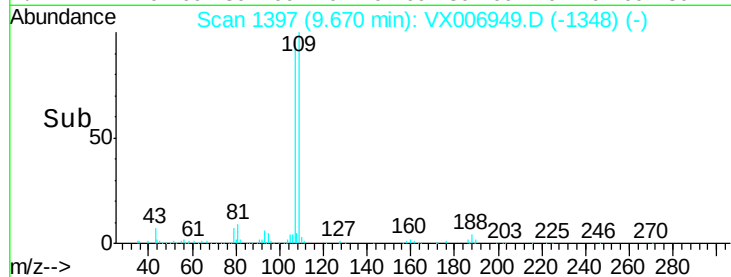
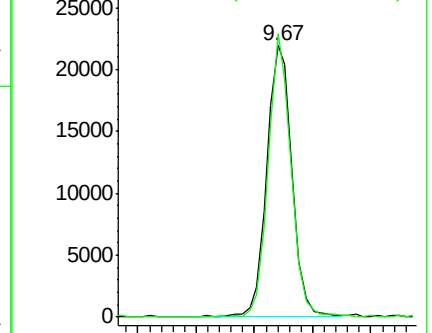
MMDadoda

1/9/2019 10:24:52 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.538 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

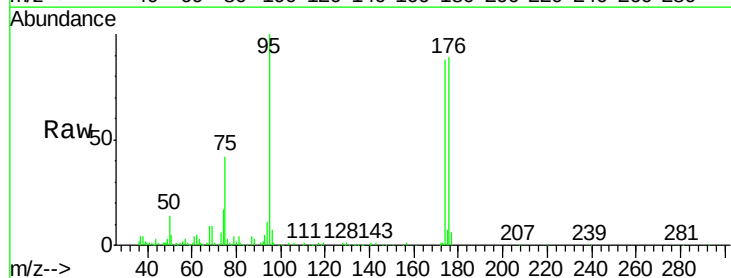
Tgt Ion: 95 Resp: 34312

Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.2

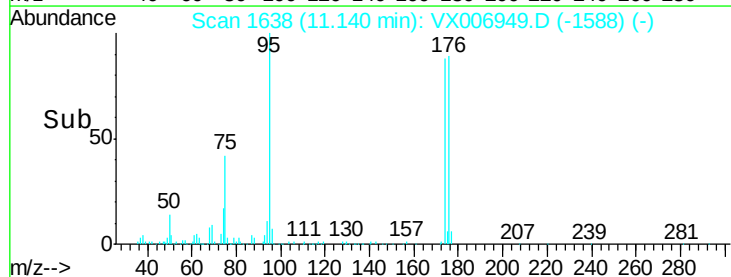
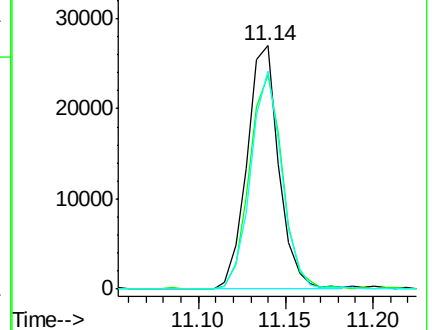
176 87.7 0.0 178.8

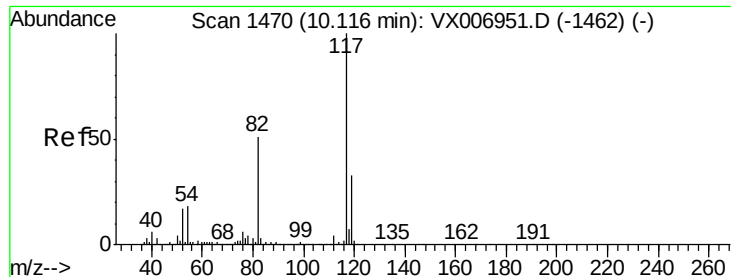


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





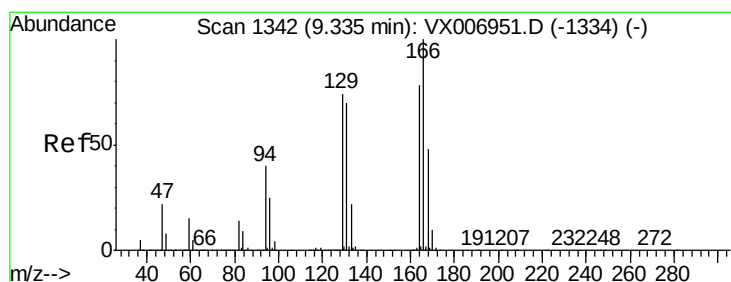
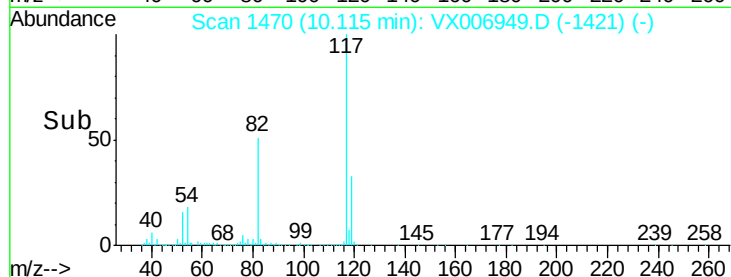
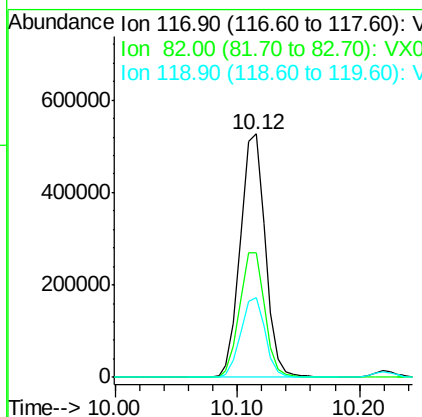
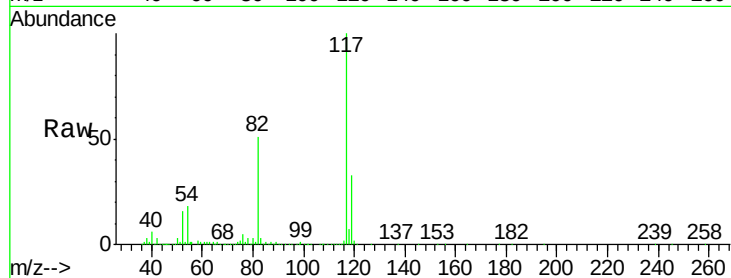
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.0	61.6
119	32.9	25.4	38.0

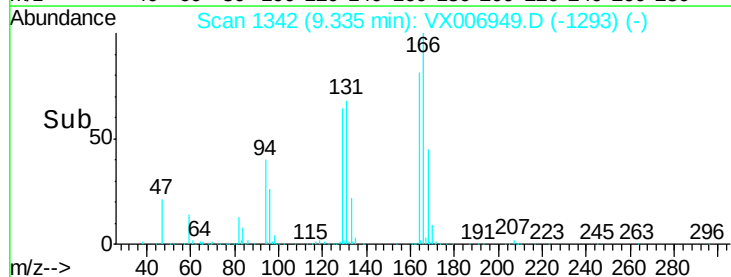
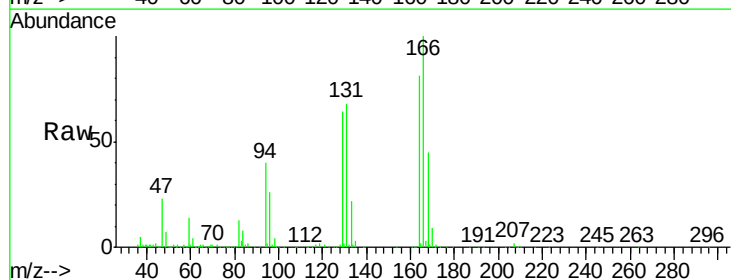
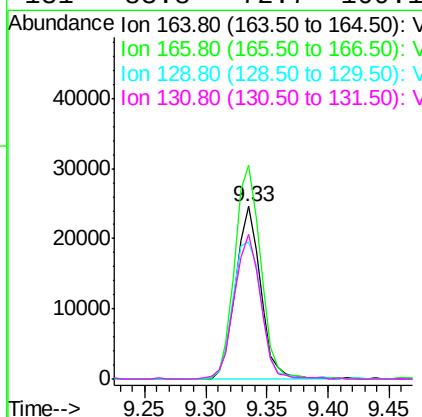
Manual Integrations
APPROVED

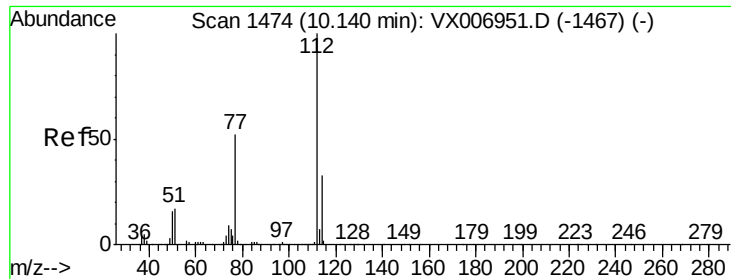
MMDadoda
1/9/2019 10:24:52 AM



#64
Tetrachloroethene
Concen: 5.928 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	102.5	153.7
129	79.2	75.1	112.7
131	83.8	72.7	109.1





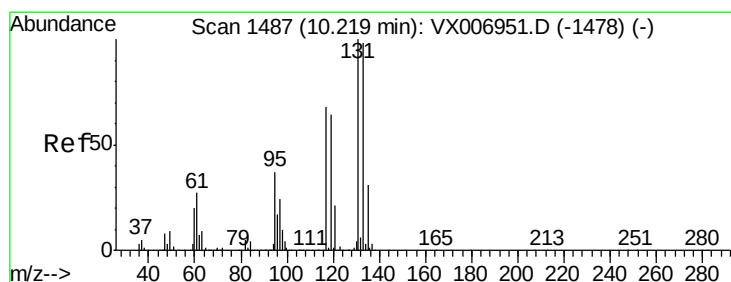
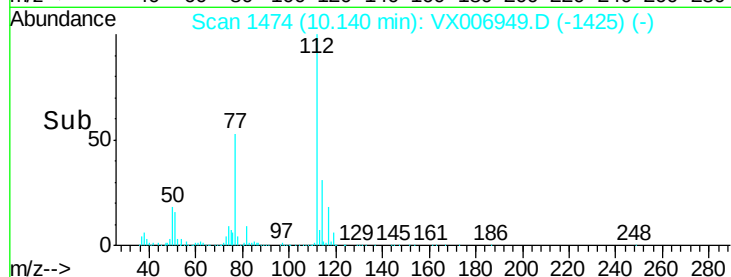
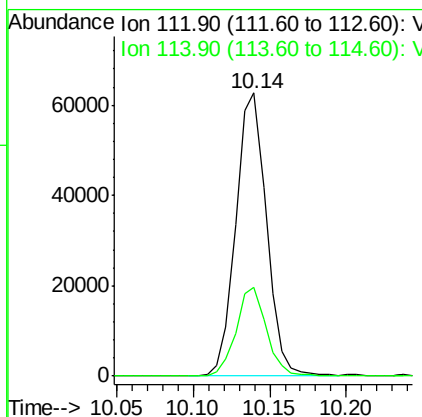
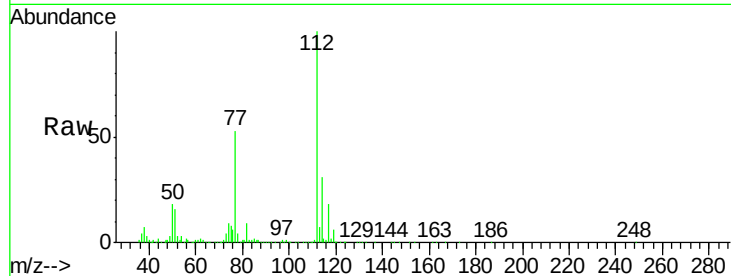
#65
Chlorobenzene
Concen: 5.540 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.7	38.5

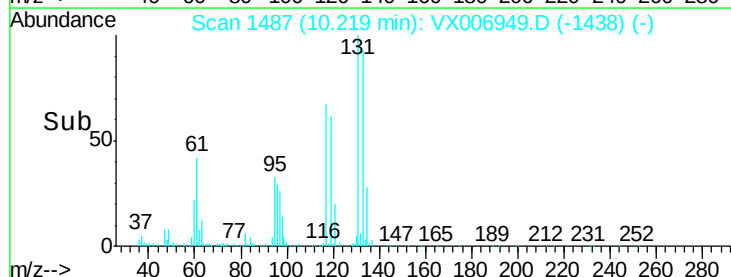
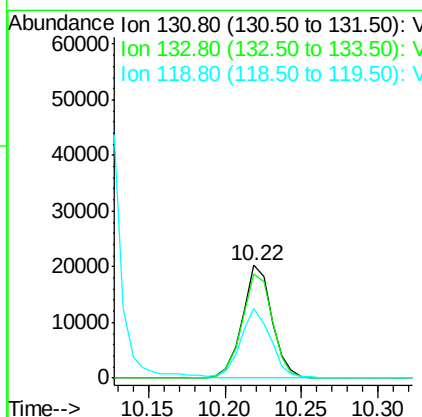
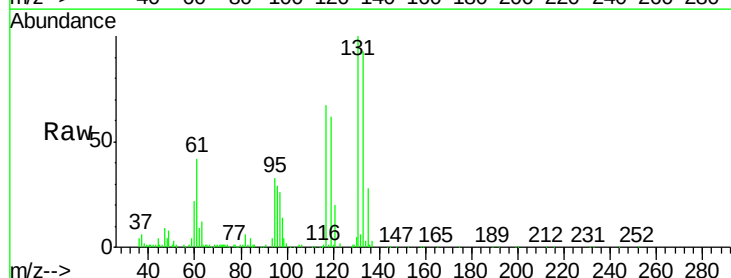
Manual Integrations
APPROVED

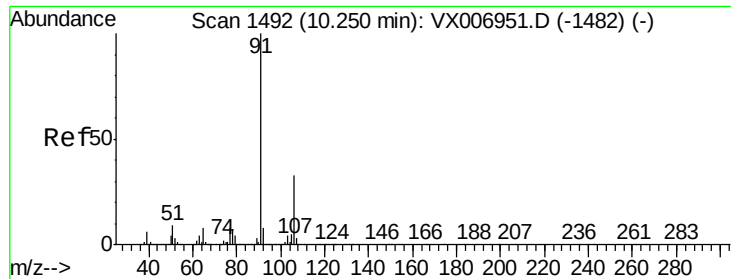
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.556 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.0	144.2
119	62.6	32.6	97.8





#67

Ethyl Benzene

Concen: 5.484 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 141158

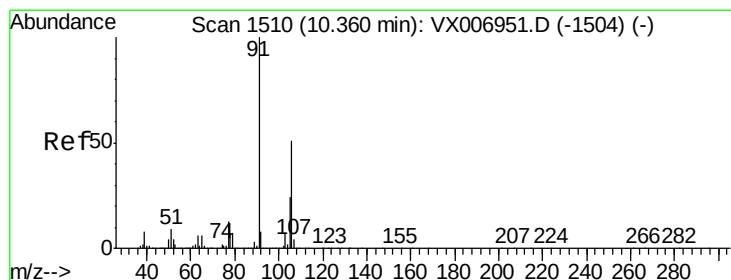
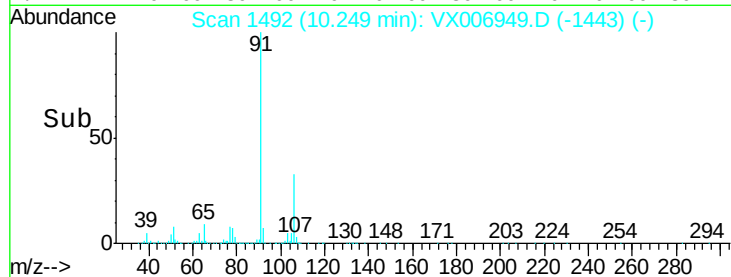
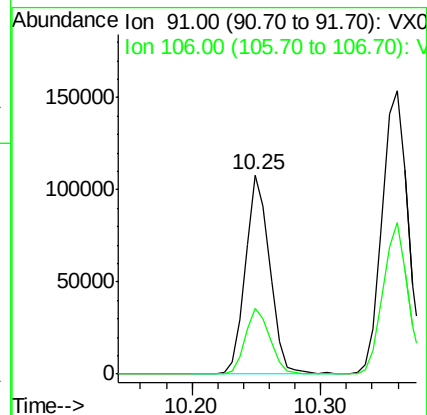
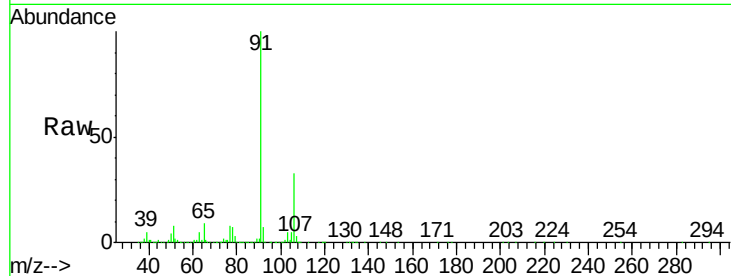
Ion Ratio Lower Upper

91 100

106 32.8 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:24:52 AM



#68

m/p-Xylenes

Concen: 10.828 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006949.D

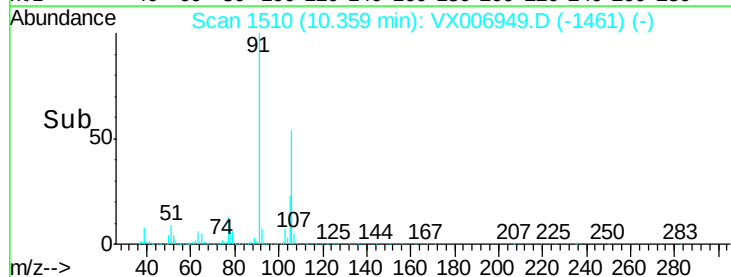
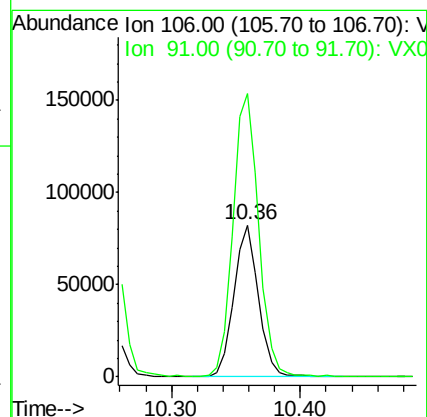
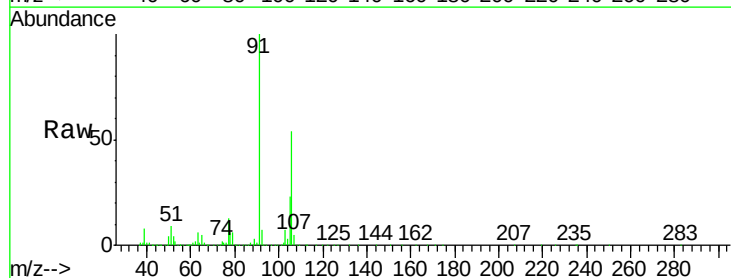
Acq: 08 Jan 2019 11:58

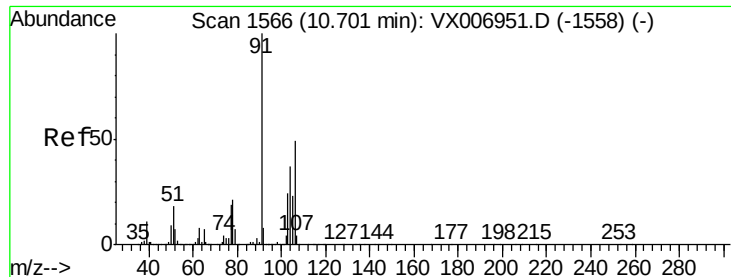
Tgt Ion: 106 Resp: 109980

Ion Ratio Lower Upper

106 100

91 194.5 155.8 233.6





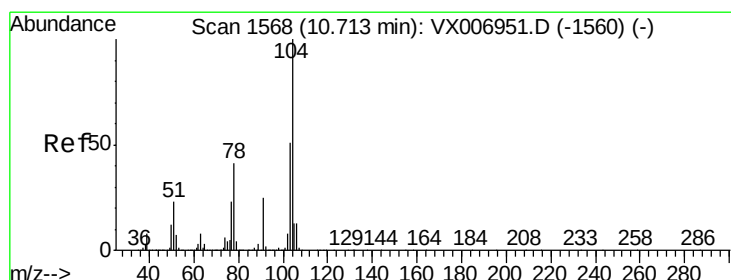
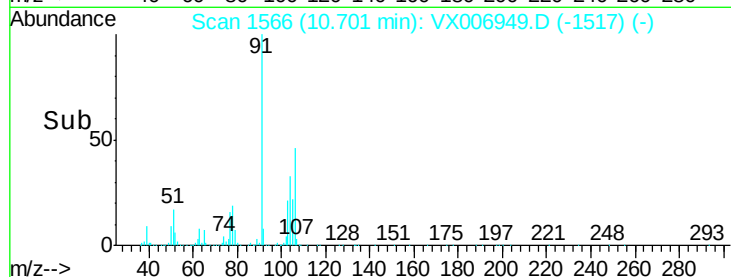
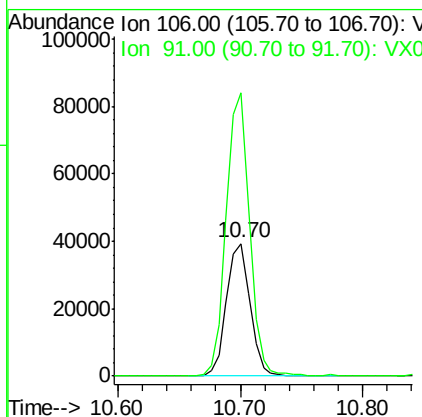
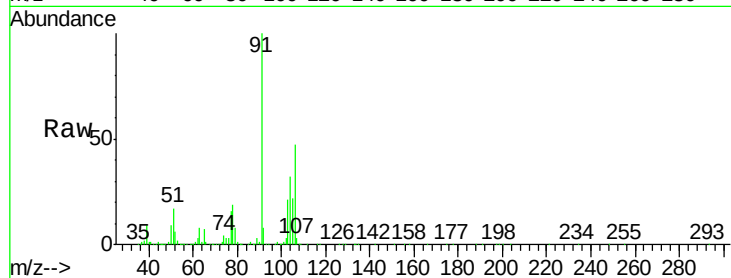
#69
o-Xylene
Concen: 5.255 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	101.3	303.7

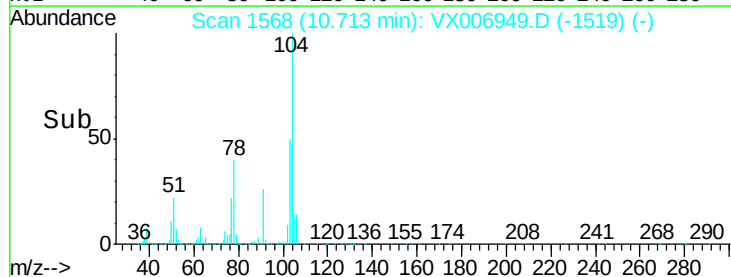
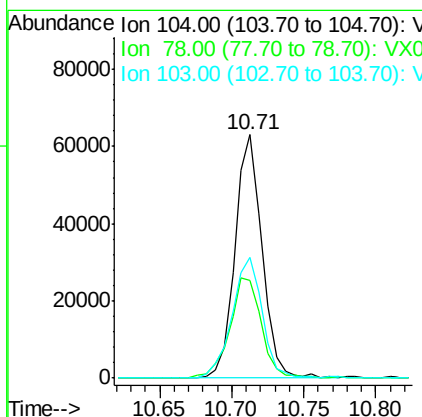
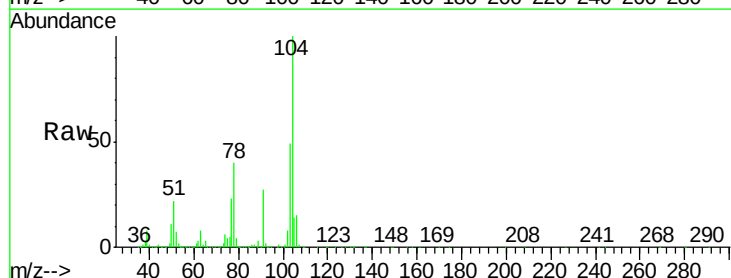
Manual Integrations
APPROVED

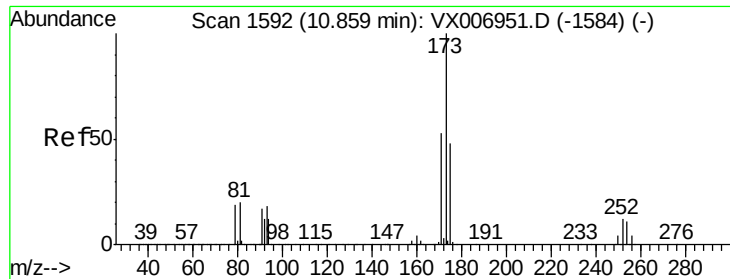
MMDadoda
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#70
Styrene
Concen: 5.217 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	37.7	56.5
103	56.0	43.8	65.8





#71

Bromoform

Concen: 4.621 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 17288

Ion Ratio Lower Upper

173 100

175 54.4 24.7 74.1

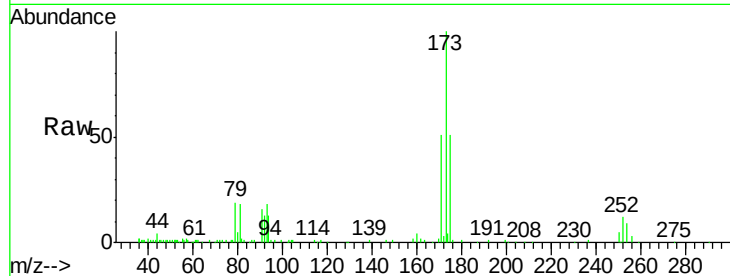
254 0.0 0.2 0.2#

Manual Integrations

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MMDadoda

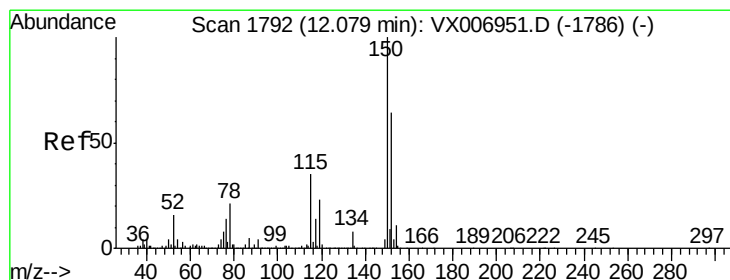
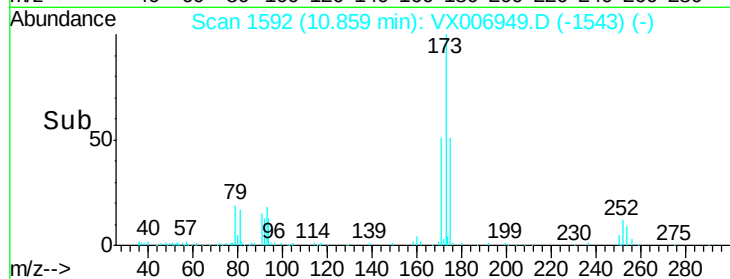
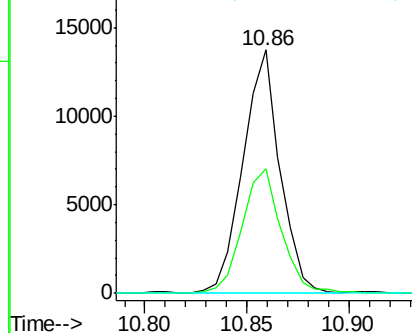
1/9/2019 10:24:52 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

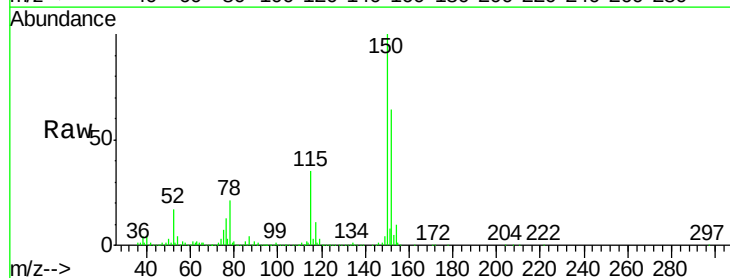
Tgt Ion:152 Resp: 367195

Ion Ratio Lower Upper

152 100

115 57.2 39.1 117.2

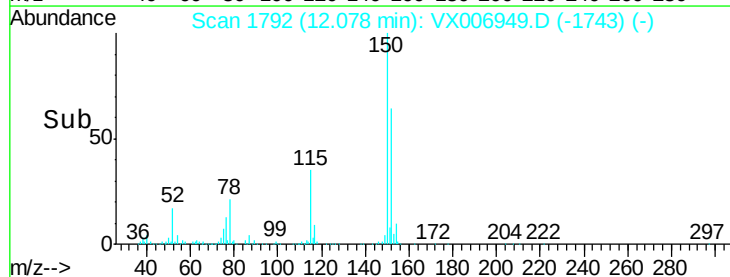
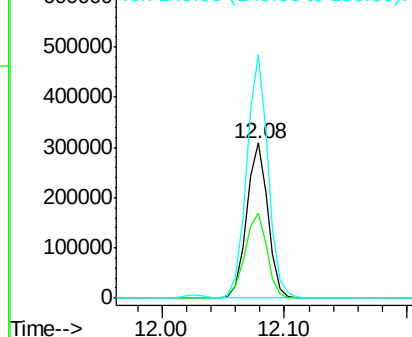
150 157.9 0.0 344.8

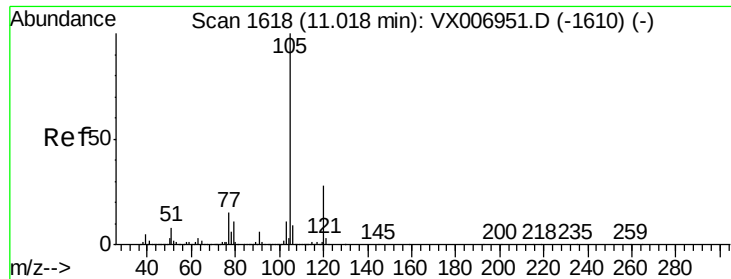


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.688 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 142886

Ion Ratio Lower Upper

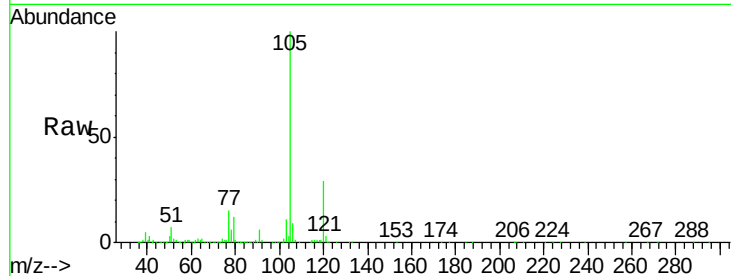
105 100

120 28.0 14.1 42.4

Manual Integrations
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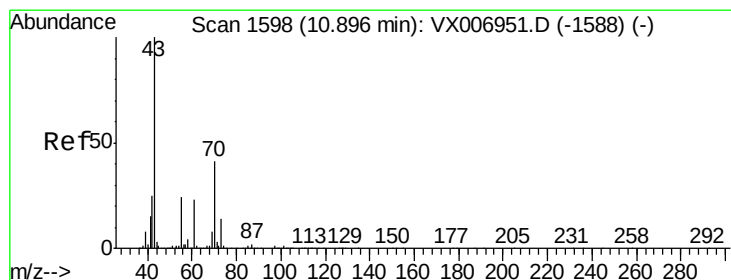
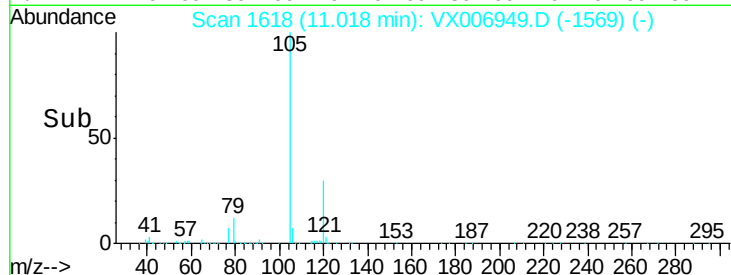
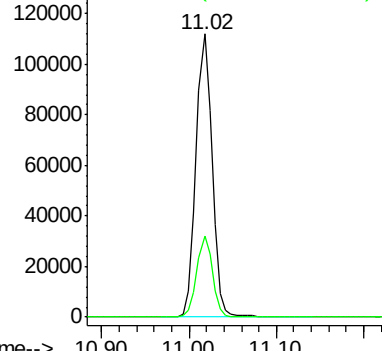
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.852 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion: 43 Resp: 52620

Ion Ratio Lower Upper

43 100

70 44.7 35.8 53.8

55 25.7 19.4 29.0

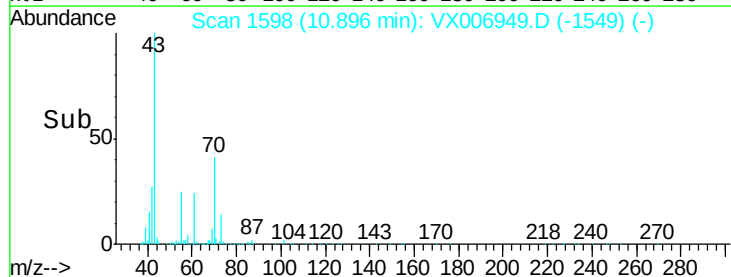
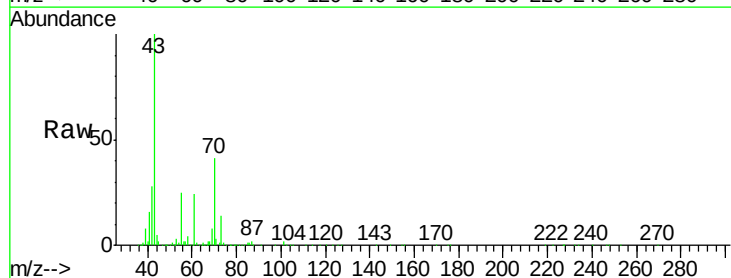
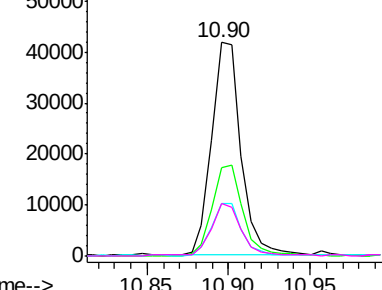
61 25.8 20.1 30.1

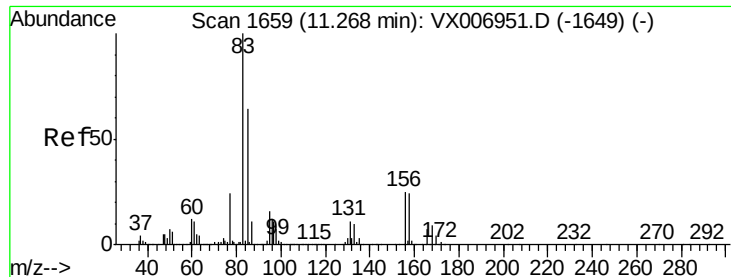
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.066 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

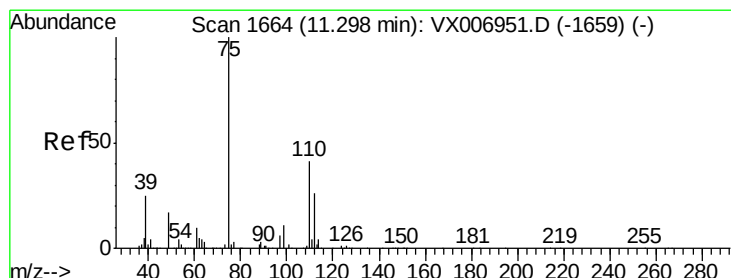
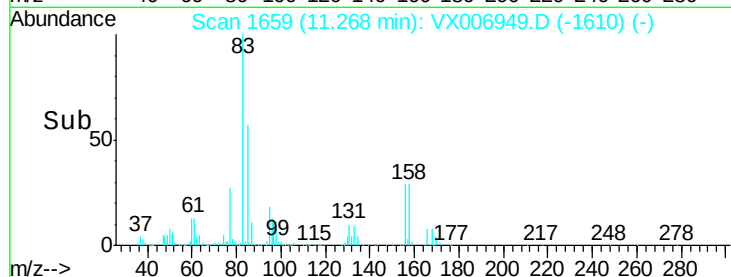
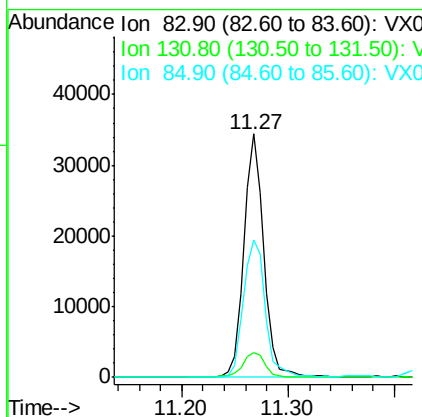
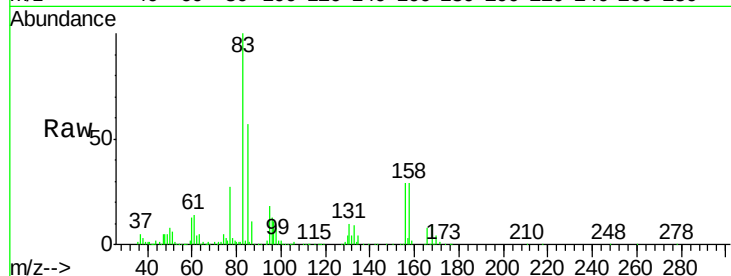
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	45316
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	62.4	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.752 ug/l m

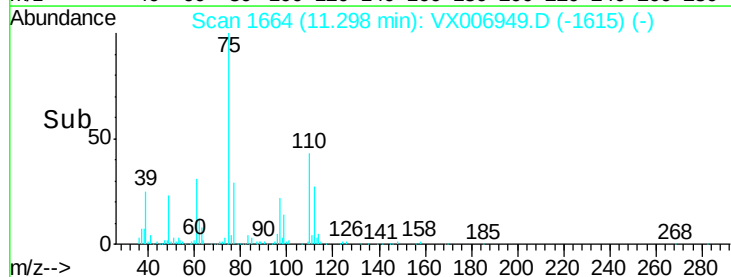
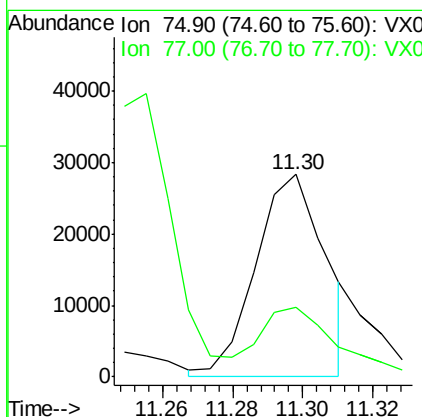
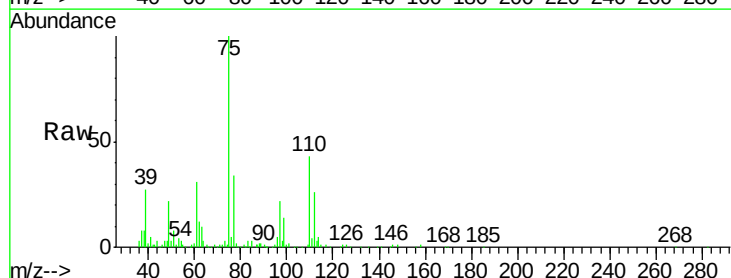
RT: 11.30 min Scan# 1664

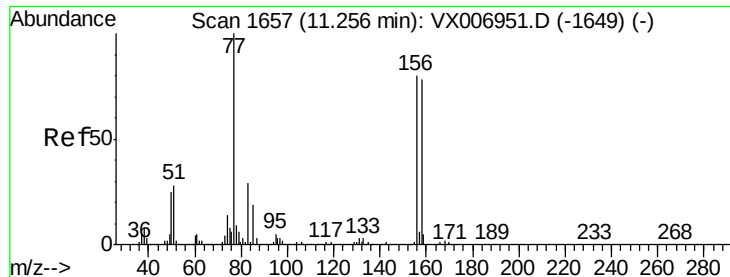
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	75	Resp:	39250
Ion Ratio	Lower	Upper	
75	100		
77	37.7	18.5	55.5





#77

Bromobenzene

Concen: 5.484 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

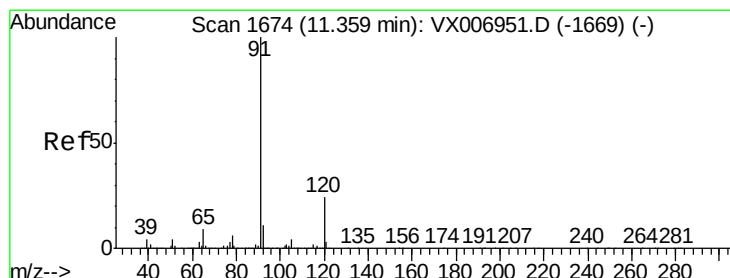
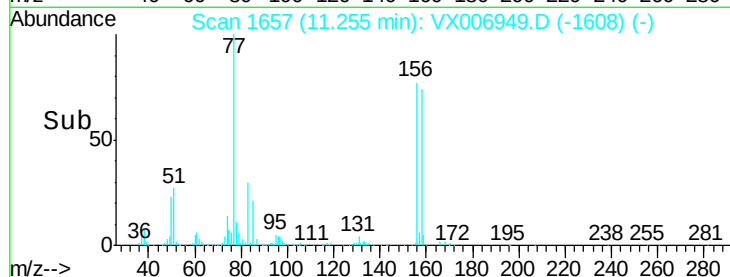
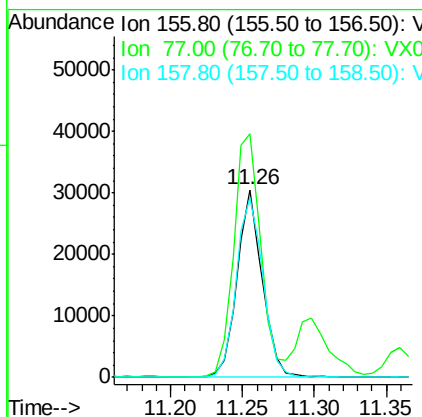
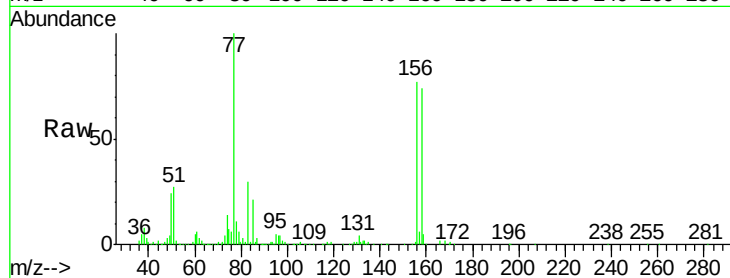
ClientSampled :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.0	68.0	204.0
158	101.1	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 5.597 ug/l

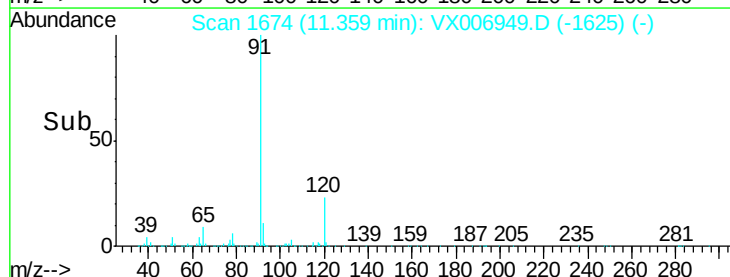
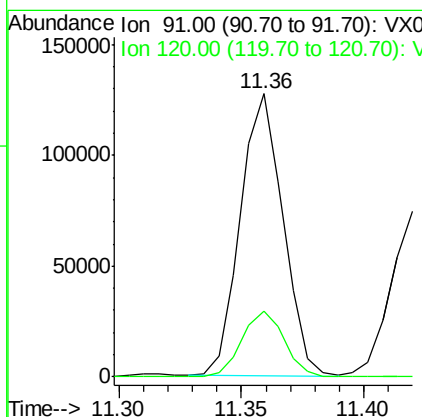
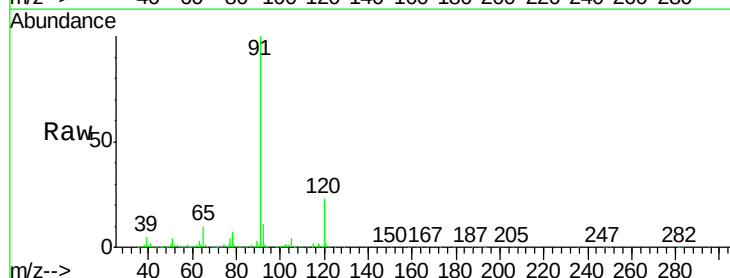
RT: 11.36 min Scan# 1674

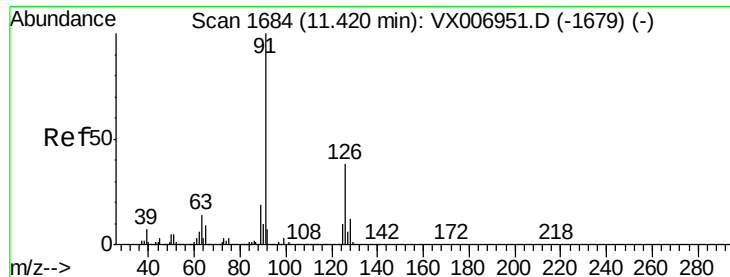
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 5.477 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 91821

Ion Ratio Lower Upper

91 100

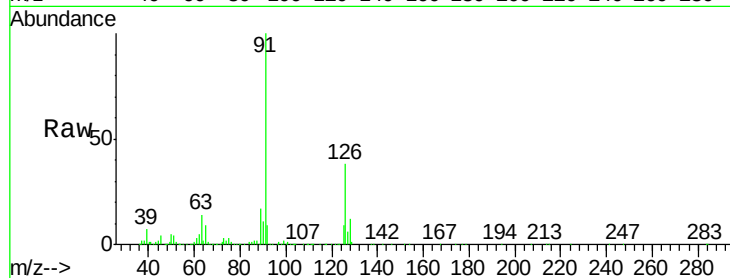
126 39.0 18.6 56.0

Manual Integrations

APPROVED

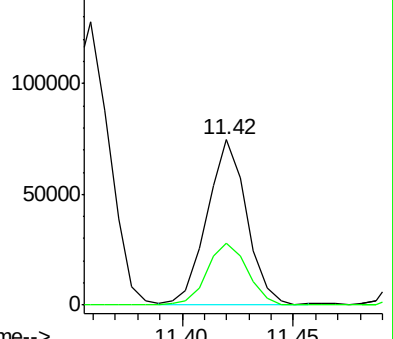
MMDadoda

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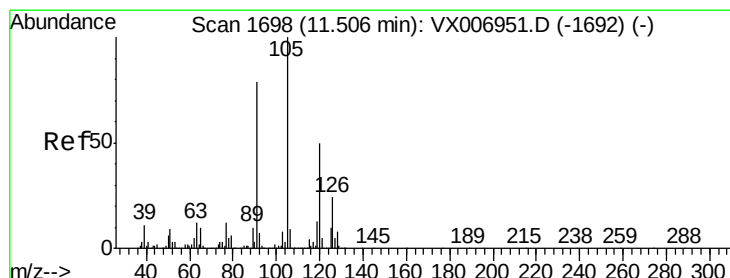
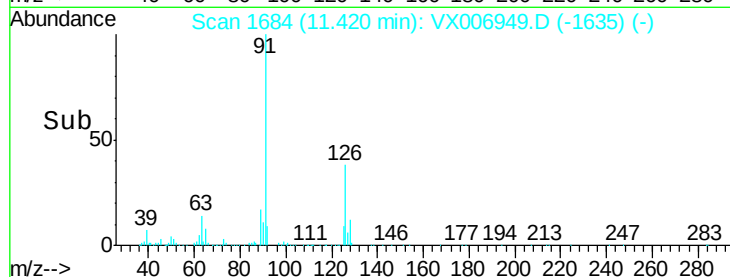


Abundance Ion 91.00 (90.70 to 91.70): VX006949.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX006949.D (-1635) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.620 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006949.D

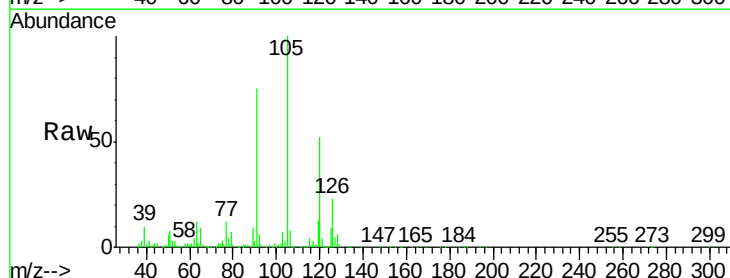
Acq: 08 Jan 2019 11:58

Tgt Ion: 105 Resp: 116275

Ion Ratio Lower Upper

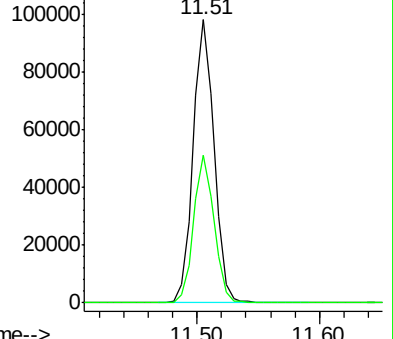
105 100

120 51.1 25.1 75.3

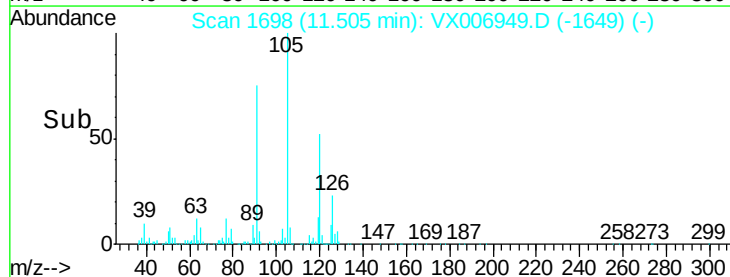


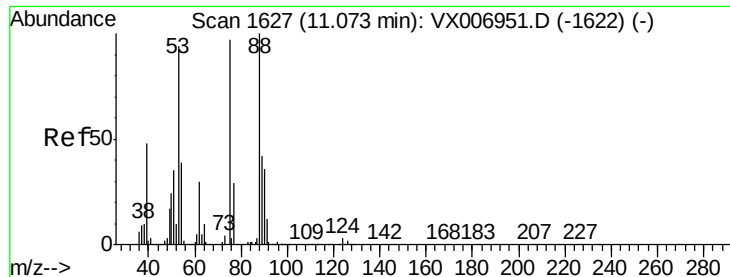
Abundance Ion 105.00 (104.70 to 105.70): VX006949.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006949.D (-1649) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 4.439 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

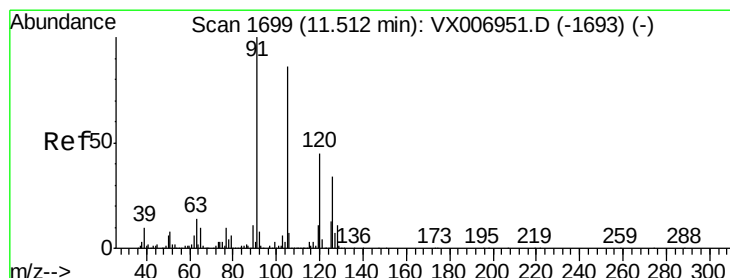
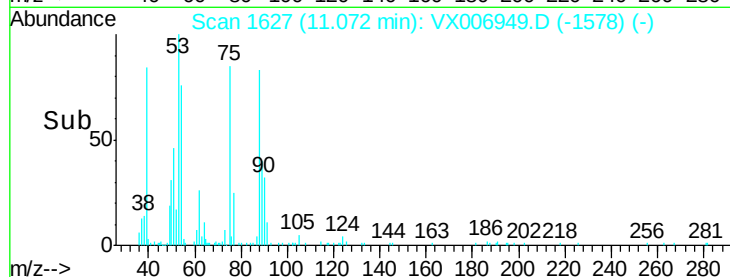
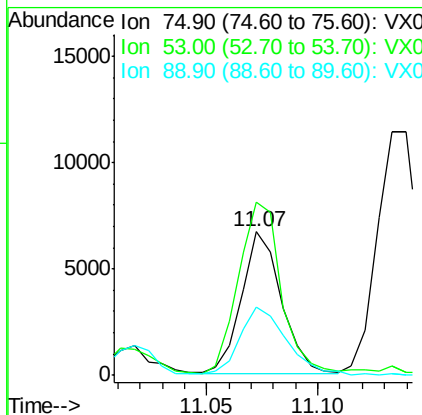
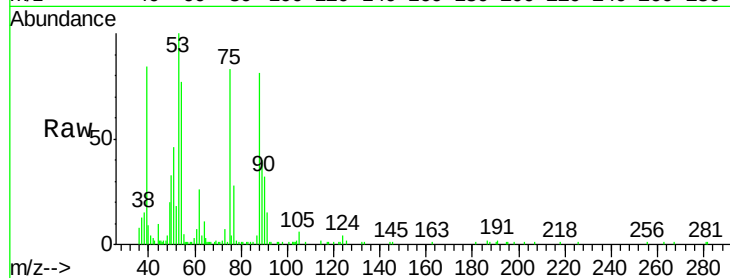
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	8457
Ion	Ratio	Lower	Upper
75	100		
53	127.5	79.7	119.5#
89	56.3	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.480 ug/l

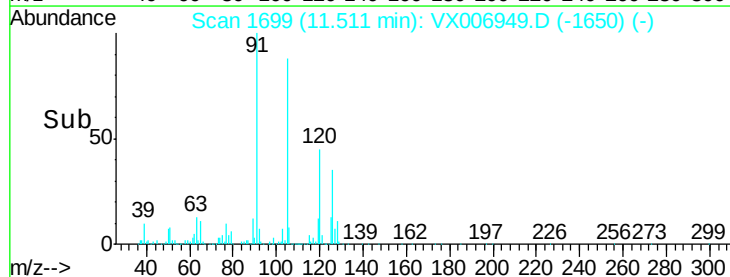
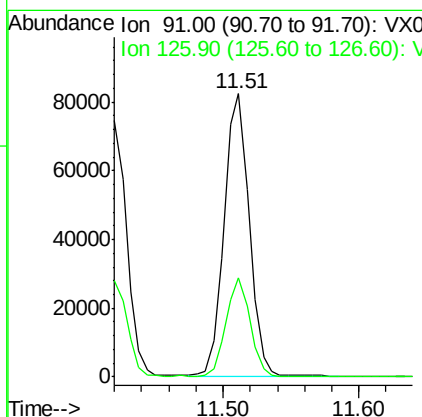
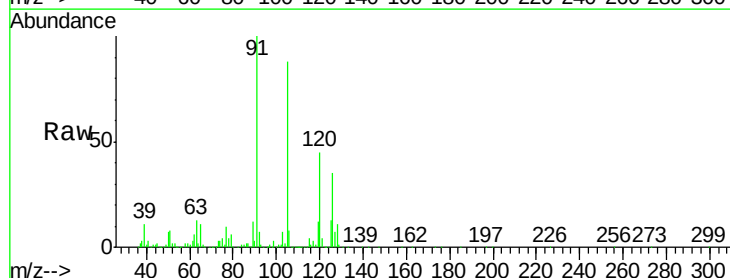
RT: 11.51 min Scan# 1699

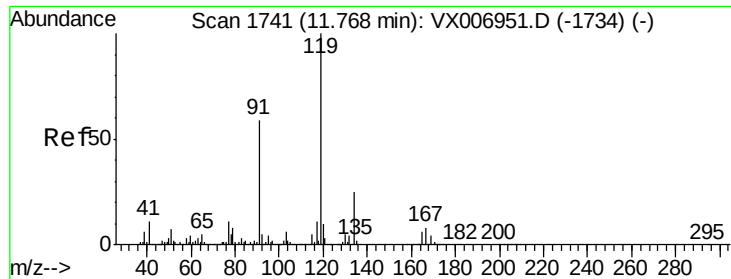
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	91	Resp:	105385
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.3	48.9





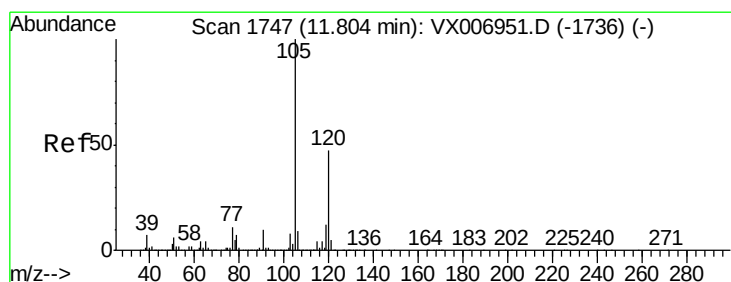
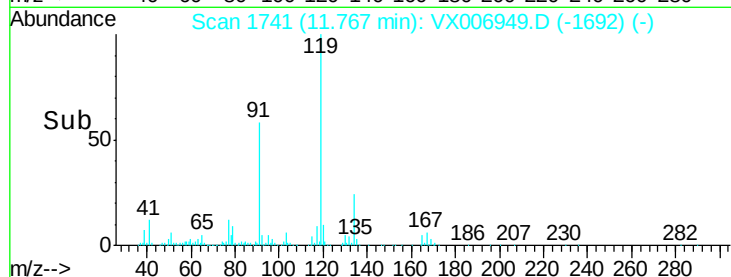
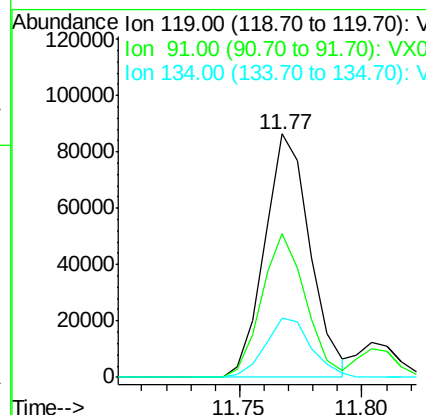
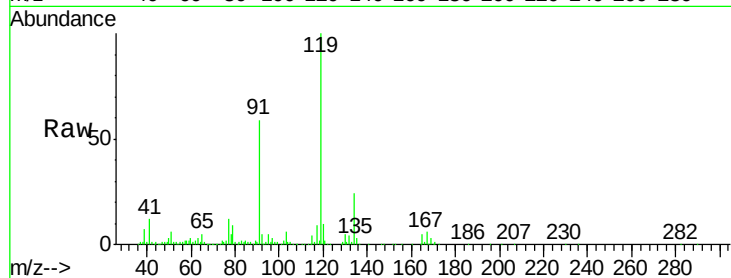
#83
 tert-Butylbenzene
 Concen: 5.419 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	112225		
91	57.1	27.7	83.1	
134	24.7	11.9	35.5	

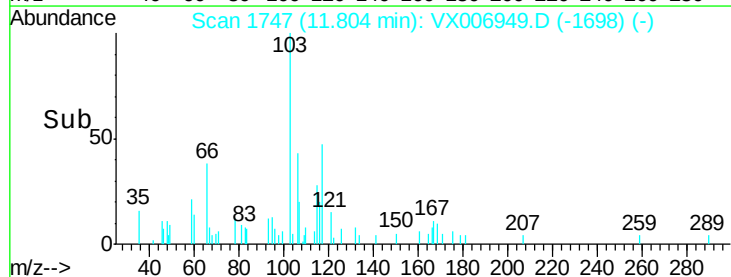
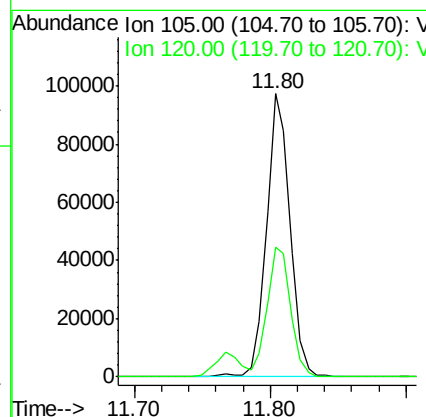
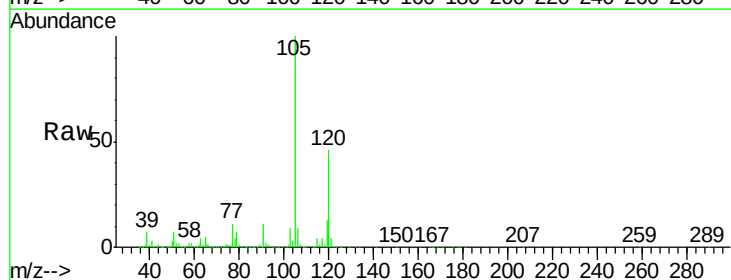
Manual Integrations
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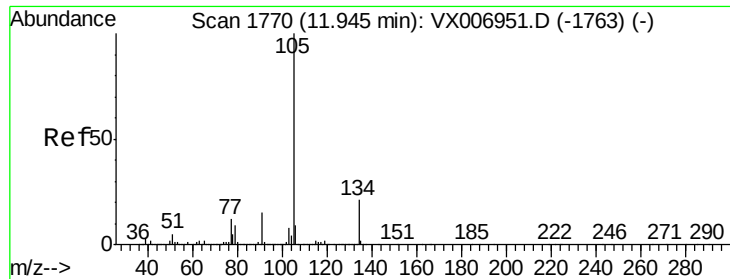
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.440 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	118389		
120	45.9	23.2	69.6	





#85

sec-Butylbenzene

Concen: 5.462 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 138679

Ion Ratio Lower Upper

105 100

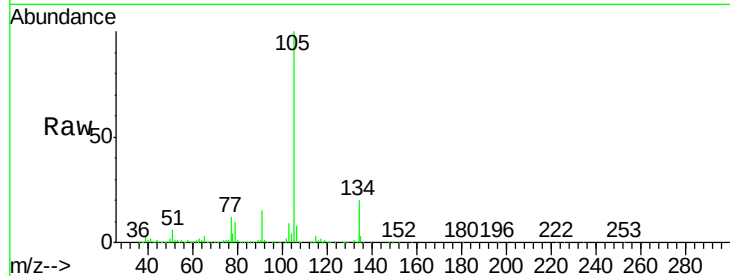
134 20.6 10.7 31.9

Manual Integrations

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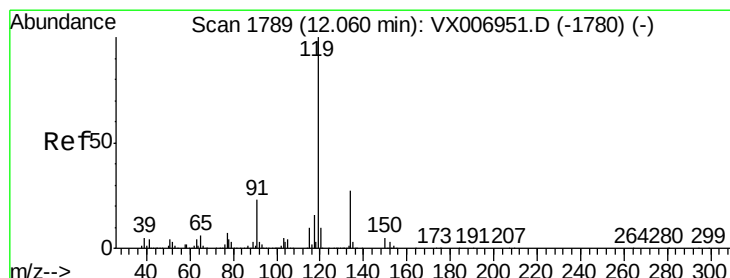
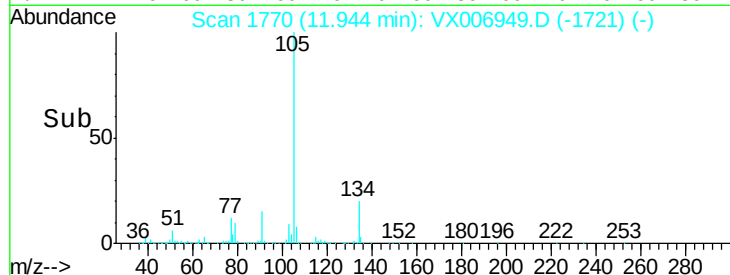
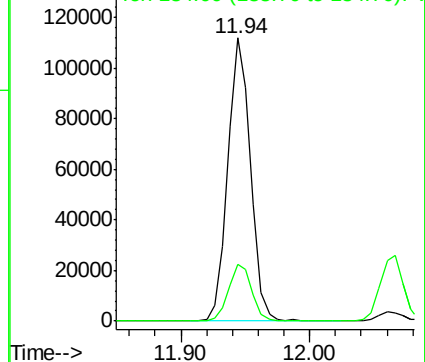
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.480 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

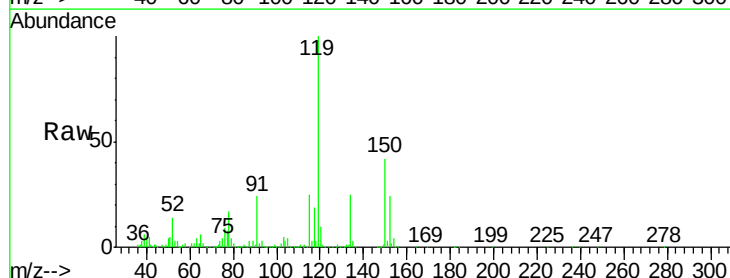
Tgt Ion:119 Resp: 122298

Ion Ratio Lower Upper

119 100

134 26.5 14.0 41.9

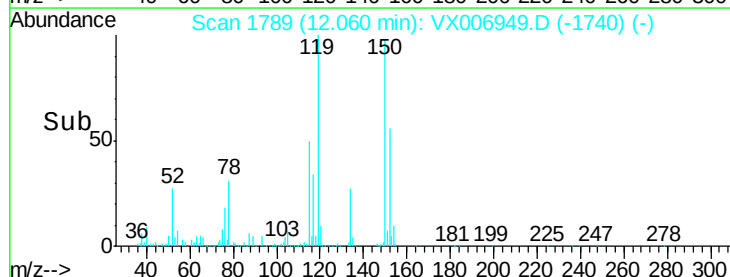
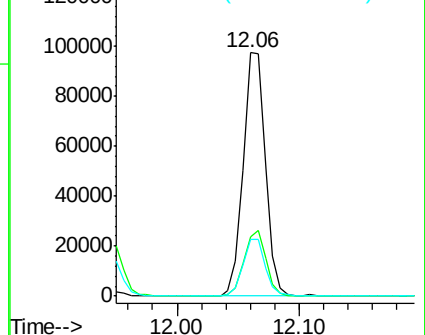
91 23.8 11.3 33.9

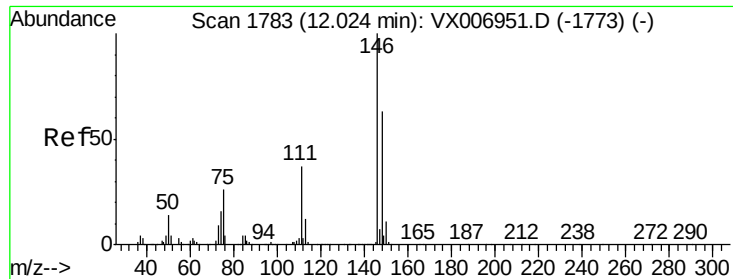


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





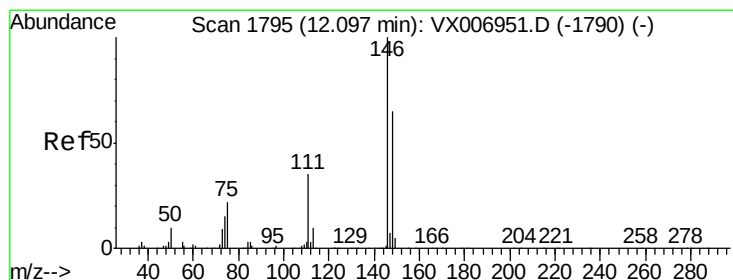
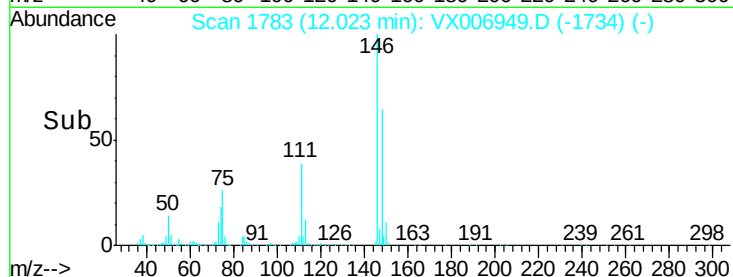
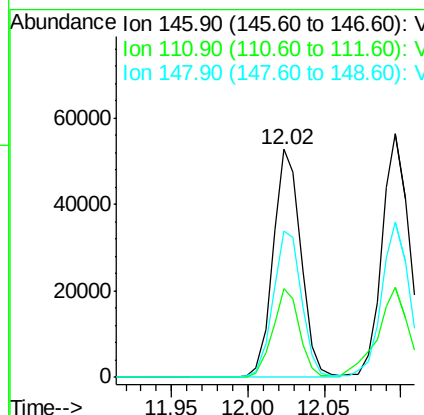
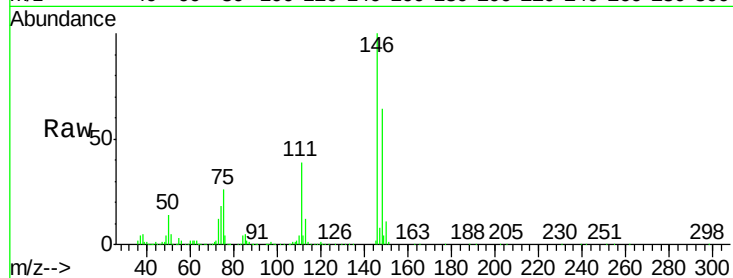
#87
 1,3-Dichlorobenzene
 Concen: 5.471 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	65.4	31.8	95.3

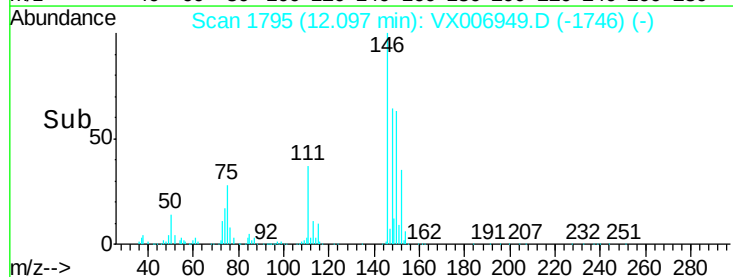
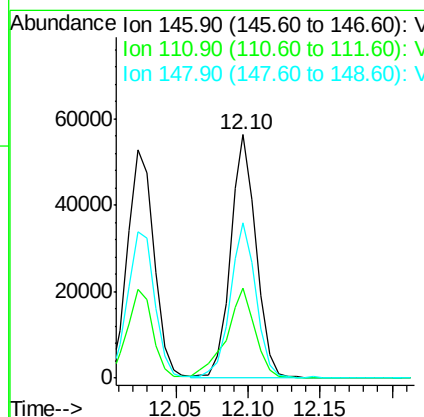
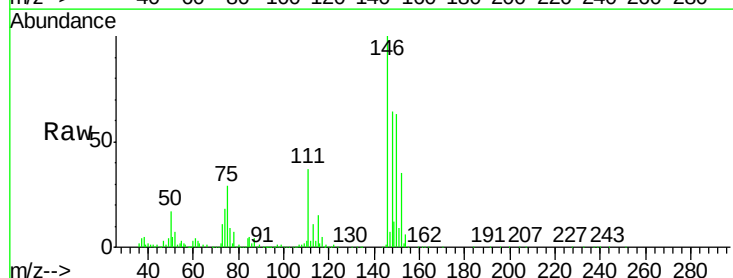
Manual Integrations
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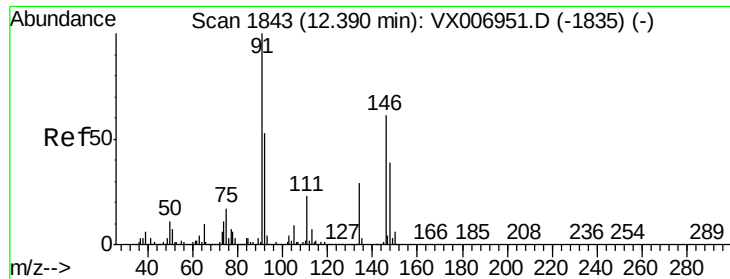
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#88
 1,4-Dichlorobenzene
 Concen: 5.590 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.1	54.1
148	63.9	31.9	95.9





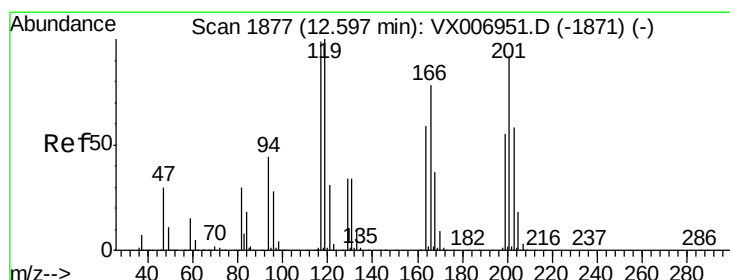
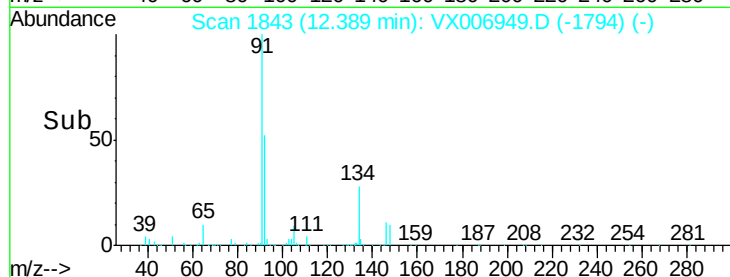
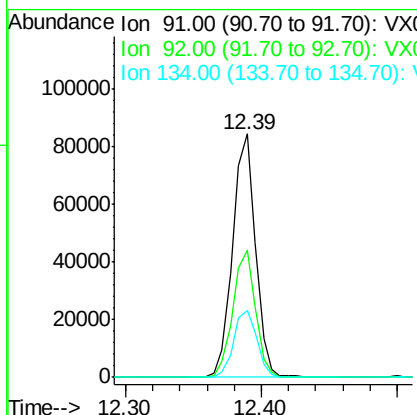
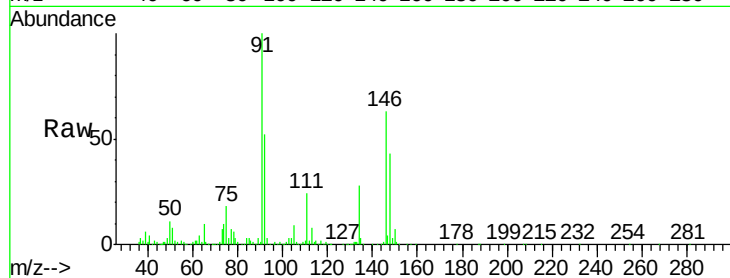
#89
n-Butylbenzene
Concen: 5.232 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.8	80.4
134	28.3	14.4	43.2

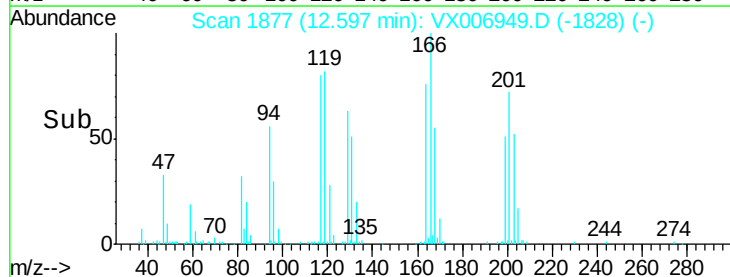
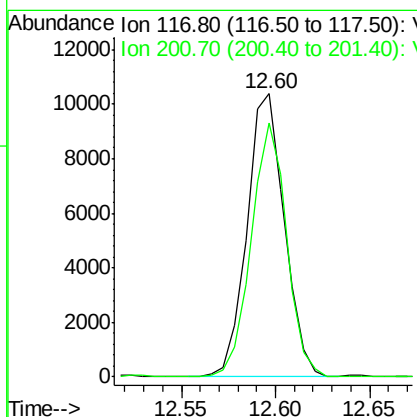
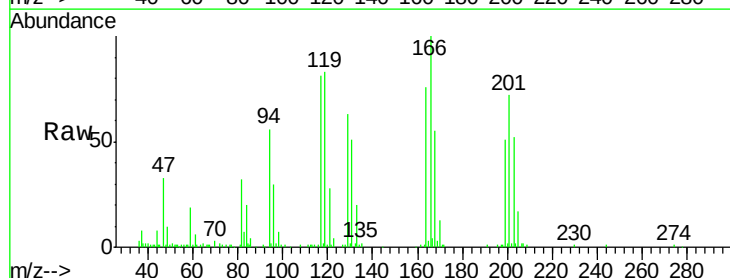
Manual Integrations
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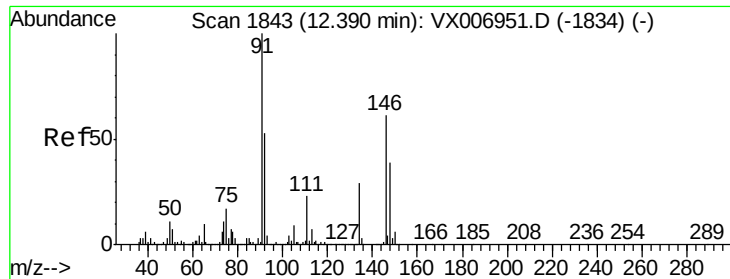
MMDadoda
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#90
Hexachloroethane
Concen: 4.682 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 5.660 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

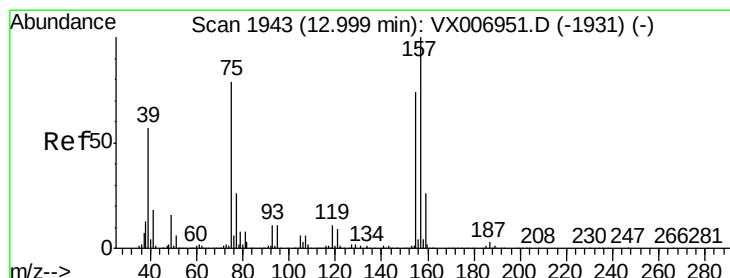
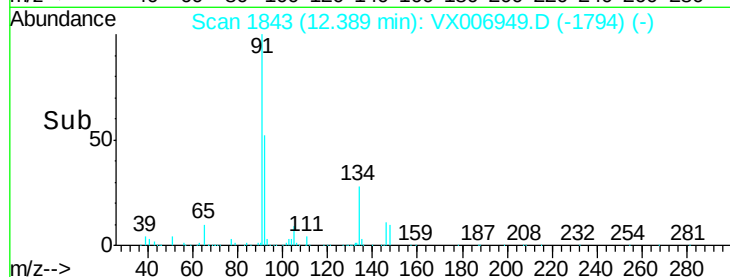
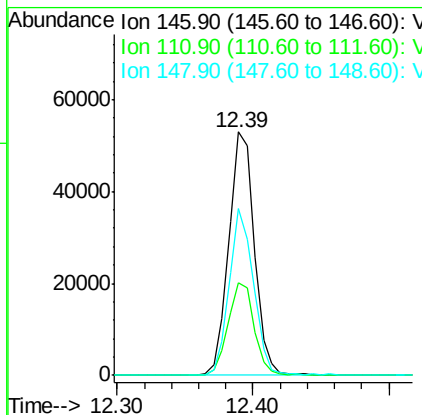
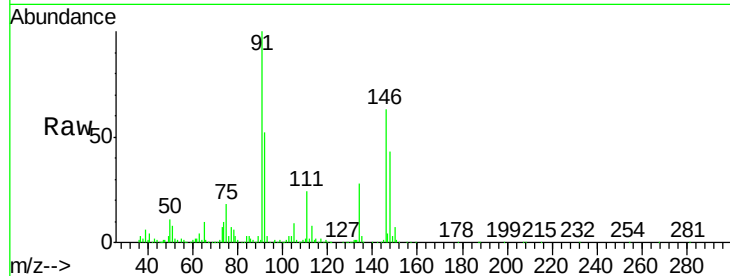
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	69298
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.2
148	65.5	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.920 ug/l

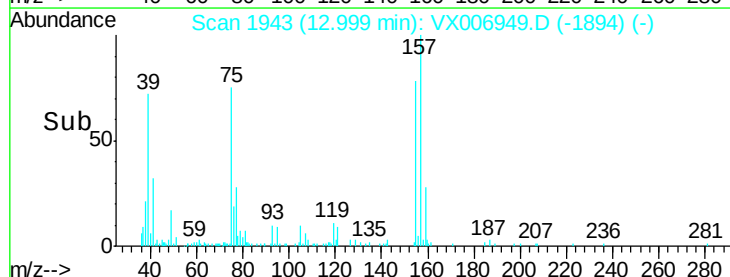
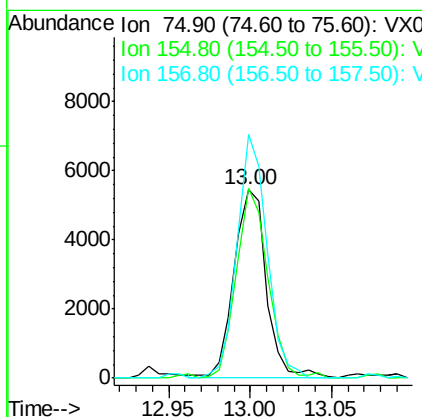
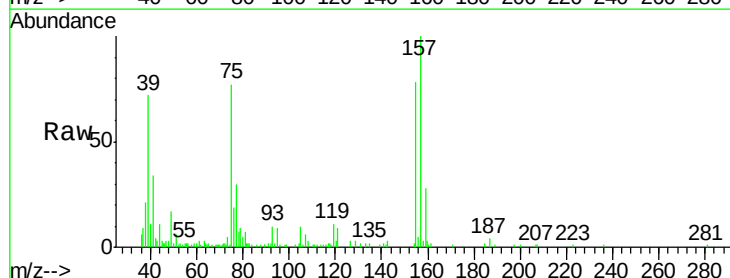
RT: 13.00 min Scan# 1943

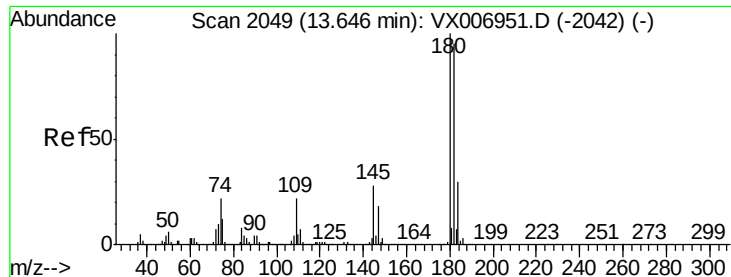
Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion:	75	Resp:	7605
Ion Ratio	Lower	Upper	
75	100		
155	97.2	50.6	151.8
157	118.7	64.6	193.8





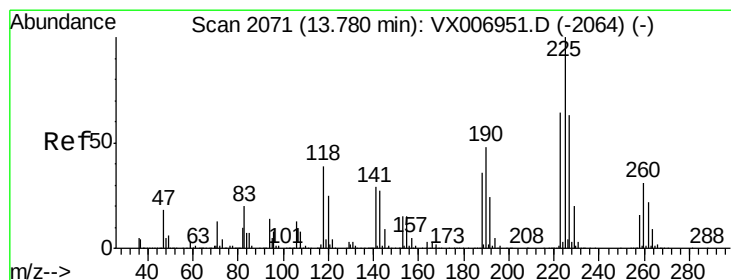
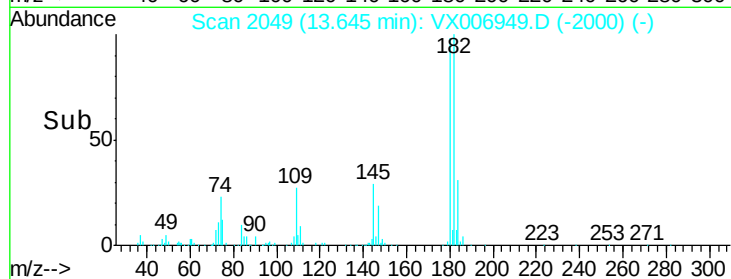
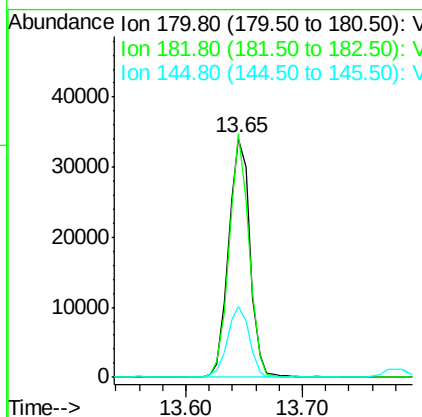
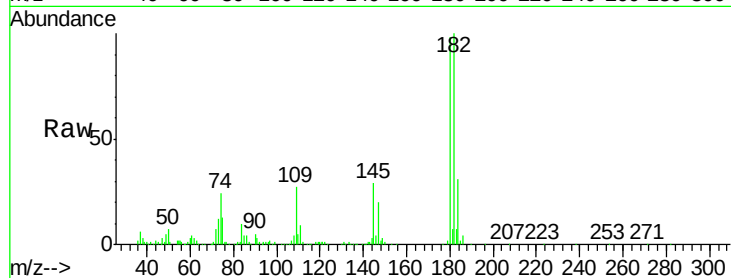
#93
 1,2,4-Trichlorobenzene
 Concen: 5.167 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	142.0
145	30.5	14.8	44.3

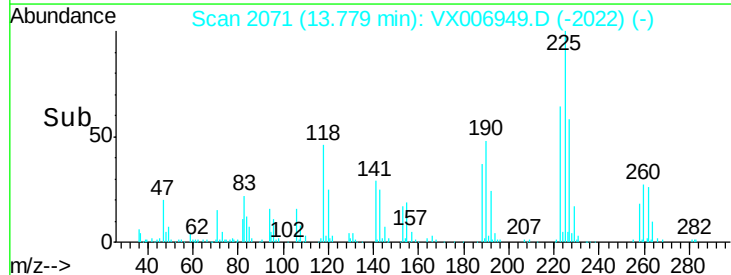
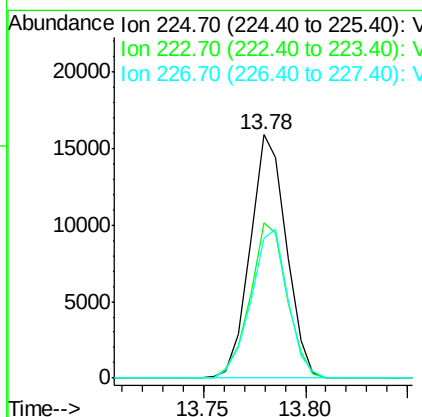
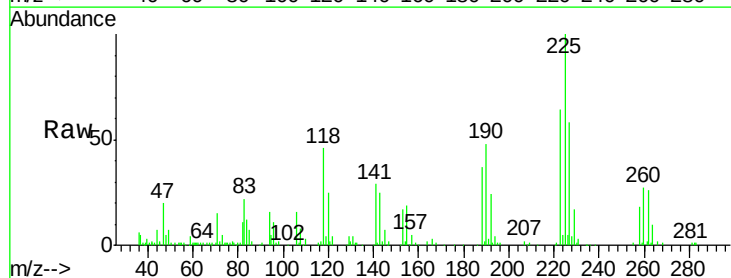
Manual Integrations
 APPROVED

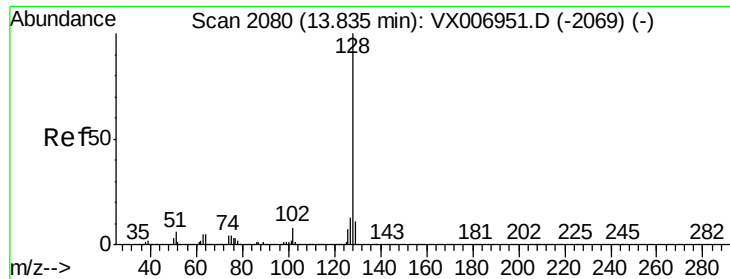
MMDadoda
 1/9/2019 10:24:52 AM



#94
 Hexachlorobutadiene
 Concen: 4.921 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.1	96.3
227	62.9	32.3	96.8





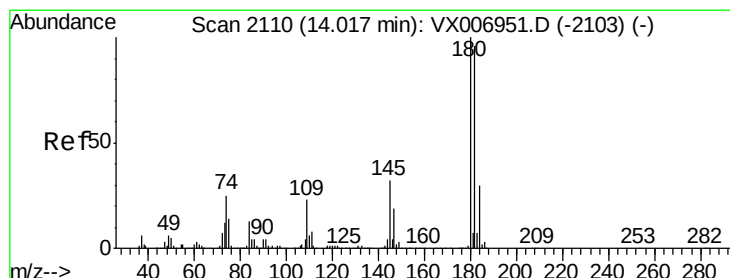
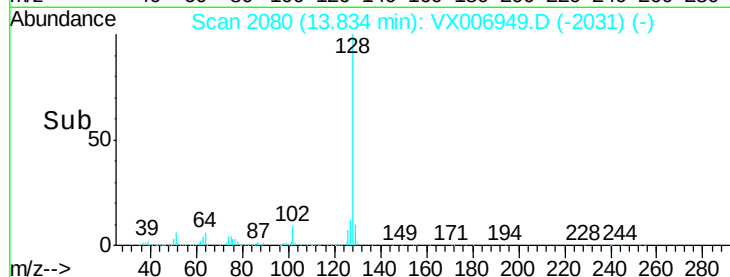
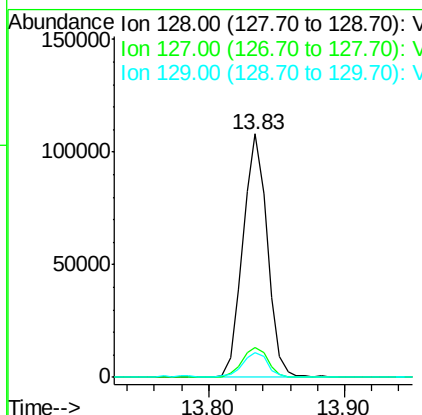
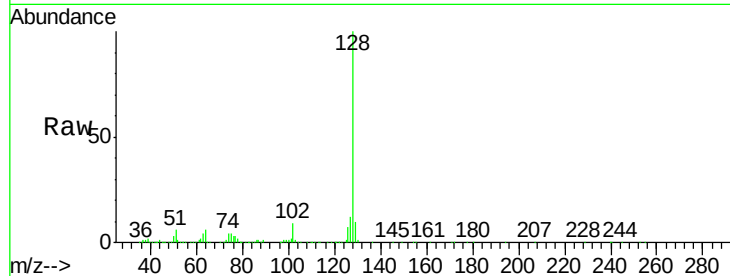
#95
Naphthalene
Concen: 5.020 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.2	10.1	15.1
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:24:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.032 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	48.5	145.5
145	31.6	16.0	47.9

