

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011620\
 Data File : VX014632.D
 Acq On : 16 Jan 2020 12:37
 Operator : JC/SP
 Sample : VX0116WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 11:23:29 AM

Quant Time: Jan 17 06:45:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75126	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	406499	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376956	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	160417	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.13	95	178620	29.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.70%
63) Toluene-d8	8.71	98	509977	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	103694	19.972	ug/l 99
3) Chloromethane	1.32	50	112999	19.879	ug/l 99
4) Vinyl Chloride	1.40	62	128030	20.059	ug/l 98
5) Bromomethane	1.64	94	72332	18.161	ug/l 99
6) Chloroethane	1.72	64	70683	19.645	ug/l 99
7) Trichlorofluoromethane	1.92	101	137998	19.527	ug/l 99
8) Diethyl Ether	2.18	74	60433	19.578	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83185	20.119	ug/l 97
10) 1,1-Dichloroethene	2.37	96	78057	18.769	ug/l 92
11) Methyl Iodide	2.50	142	100101	17.948	ug/l 99
12) Methyl Acetate	2.76	43	150222	19.995	ug/l 97
13) Acrolein	2.28	56	67539	85.587	ug/l 99
14) Acrylonitrile	3.12	53	248199	96.550	ug/l 99
15) Acetone	2.43	58	74834	86.834	ug/l 91
16) Carbon Disulfide	2.56	76	217352	19.029	ug/l 97
17) Allyl chloride	2.72	41	143834	18.688	ug/l 94
18) Methylene Chloride	2.85	84	94614	19.439	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	88328	19.729	ug/l 97
20) Diisopropyl ether	3.84	45	300009	19.701	ug/l 94
21) 1,1-Dichloroethane	3.69	63	161738	19.551	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	98627	19.171	ug/l 96
23) tert-Butyl Alcohol	3.02	59	103858	97.691	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	268040	19.366	ug/l 98
25) Chloroform	5.20	83	156236	19.496	ug/l 97
26) Cyclohexane	5.57	56	147720	19.359	ug/l 99
29) 1,1-Dichloropropene	5.79	75	115748	19.415	ug/l 99
30) 2-Butanone	4.65	43	349574	92.566	ug/l 100
31) 2,2-Dichloropropane	4.57	77	123991	19.438	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	128194	19.437	ug/l 99
33) Carbon Tetrachloride	5.78	117	111228	19.643	ug/l 98
34) Benzene	6.13	78	365190	19.824	ug/l 98
35) Methacrylonitrile	5.02	41	74042	19.631	ug/l 96
36) 1,2-Dichloroethane	6.18	62	125807	19.624	ug/l 99
37) Trichloroethene	7.20	130	99830	19.792	ug/l 97
38) Methylcyclohexane	7.45	83	149084	20.085	ug/l 98
39) 1,2-Dichloropropane	7.50	63	94287	19.683	ug/l 97
40) Dibromomethane	7.65	93	60255	19.572	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 11:23:29 AM

Quant Time: Jan 17 06:45:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	116396	19.307	ug/l	100
42) Vinyl Acetate	3.80	43	1143975	98.281	ug/l	99
43) Ethyl Acetate	4.81	43	137096m	20.054	ug/l	
44) Isopropyl Acetate	6.43	43	211573	19.184	ug/l	99
45) 1,4-Dioxane	7.73	88	46413	420.722	ug/l	97
46) Methyl methacrylate	7.76	41	104375	19.245	ug/l	98
47) n-amyl Acetate	10.89	43	173608	18.787	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	125851	19.120	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	143306	19.322	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	91220	19.472	ug/l	97
51) Ethyl methacrylate	9.17	69	138476	18.985	ug/l	97
52) 1,3-Dichloropropane	9.36	76	157507	19.844	ug/l	99
53) Dibromochloromethane	9.57	129	91396	19.074	ug/l	99
54) 1,2-Dibromoethane	9.67	107	95885	19.736	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	317477	94.706	ug/l	100
56) Bromoform	10.85	173	66764	18.089	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	683358	96.265	ug/l	99
59) 2-Hexanone	9.48	43	512257	93.307	ug/l	100
61) Tetrachloroethene	9.33	164	109908	19.726	ug/l	94
62) Toluene	8.78	91	385237	19.262	ug/l	99
64) Chlorobenzene	10.14	112	238934	19.138	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	87796	19.040	ug/l	99
66) Ethyl Benzene	10.25	91	426827	19.594	ug/l	100
67) m/p-Xylenes	10.35	106	325769	39.042	ug/l	100
68) o-Xylene	10.70	106	154412	19.004	ug/l	97
69) Styrene	10.71	104	264613	19.221	ug/l	99
70) Isopropylbenzene	11.01	105	416436	19.564	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	135468	18.893	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	116959m	19.070	ug/l	
73) Bromobenzene	11.25	156	108557	19.239	ug/l	99
74) n-propylbenzene	11.35	91	475667	19.556	ug/l	99
75) 2-Chlorotoluene	11.42	91	281943	19.341	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	344036	19.397	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	40909	17.331	ug/l	97
78) 4-Chlorotoluene	11.51	91	323339	19.531	ug/l	99
79) tert-butylbenzene	11.76	119	318396	19.185	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	342919	19.384	ug/l	99
81) sec-Butylbenzene	11.94	105	400798	19.516	ug/l	99
82) p-Isopropyltoluene	12.06	119	363691	19.399	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	189354	19.219	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	187454	19.191	ug/l	99
85) n-Butylbenzene	12.39	91	309590	18.873	ug/l	100
86) Hexachloroethane	12.59	117	62355	18.547	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	190808	19.194	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27736	18.109	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	124407	18.959	ug/l	99
90) Hexachlorobutadiene	13.78	225	65940	20.111	ug/l	98
91) Naphthalene	13.83	128	366833	18.520	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	128084	19.177	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

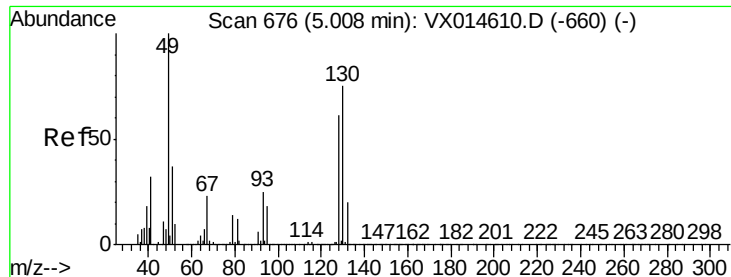
Manual Integrations
APPROVED

MMDadoda
1/17/2020 11:23:29 AM

Quant Time: Jan 17 06:45:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

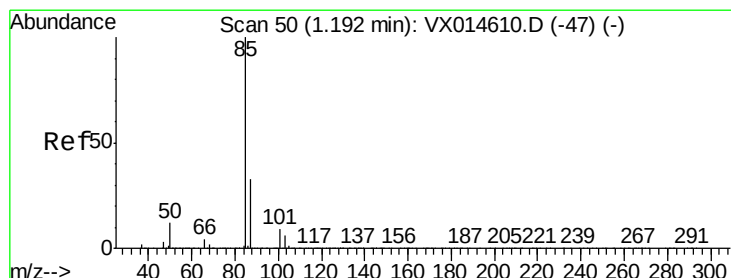
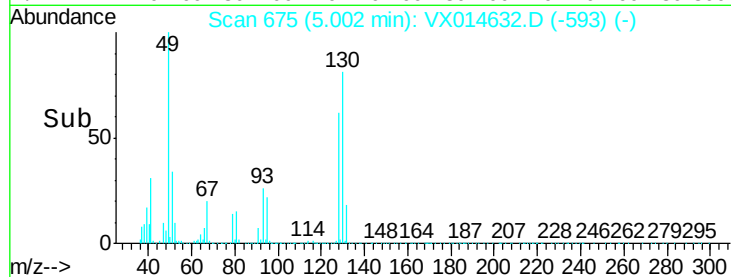
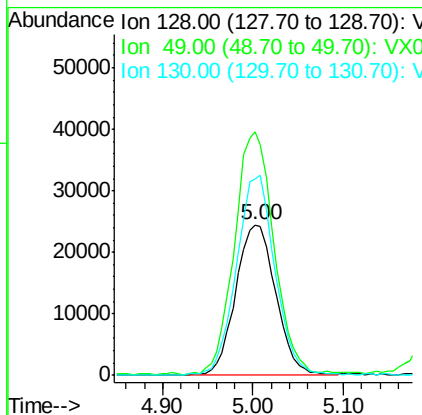
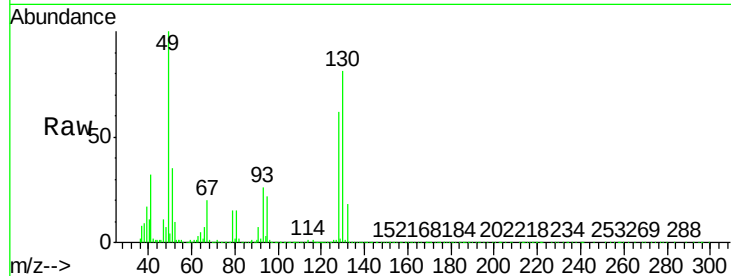
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampled :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	156.0	0.0	405.0
130	127.6	0.0	321.5

Manual Integrations
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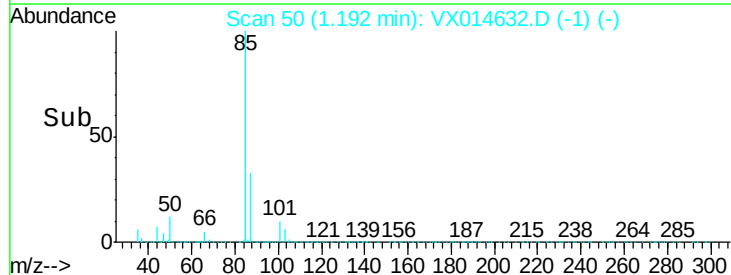
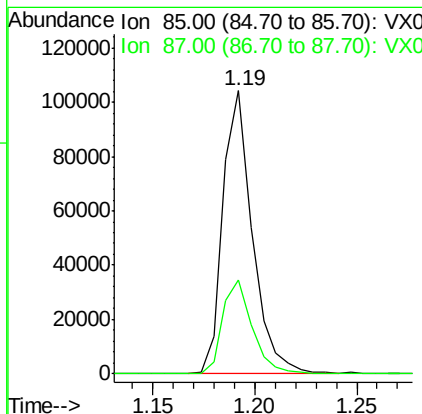
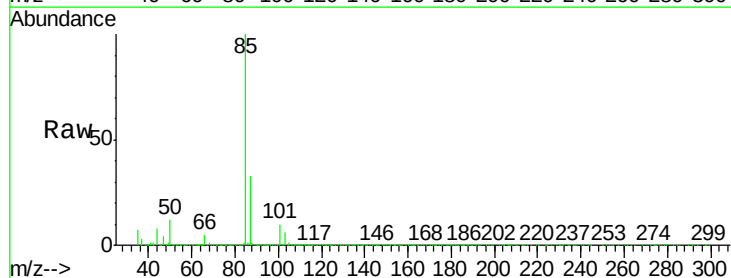
MMDadoda
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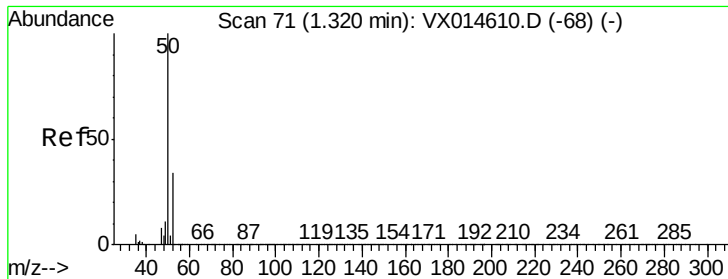


#2

Dichlorodifluoromethane
Concen: 19.972 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.3	48.9





#3

Chloromethane

Concen: 19.879 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0116WBS01

Tot Ion: 50 Resp: 112999

Ion Ratio Lower Upper

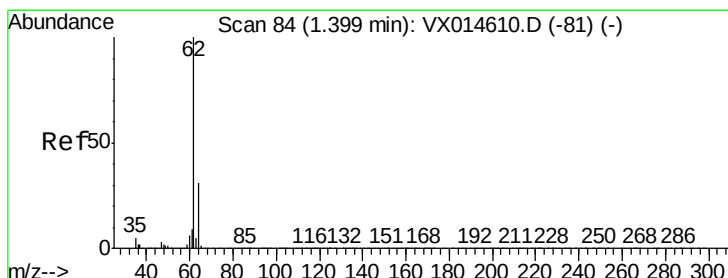
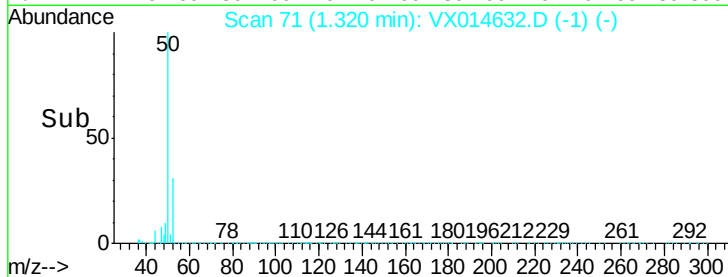
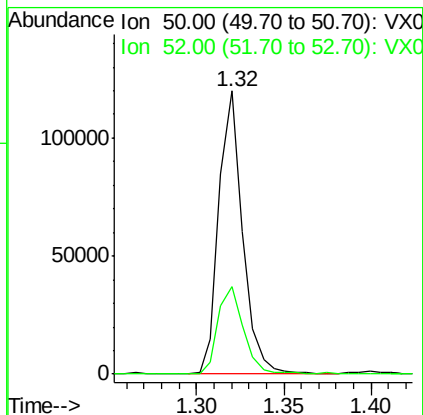
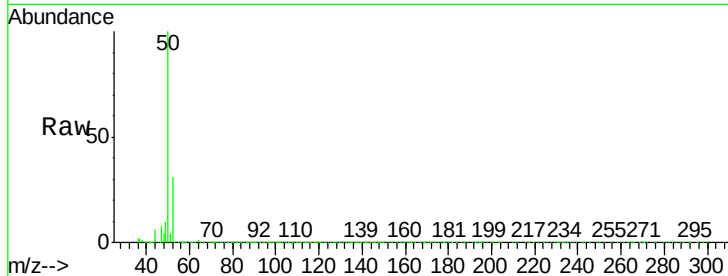
50 100

52 31.0 24.3 36.5

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 20.059 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014632.D

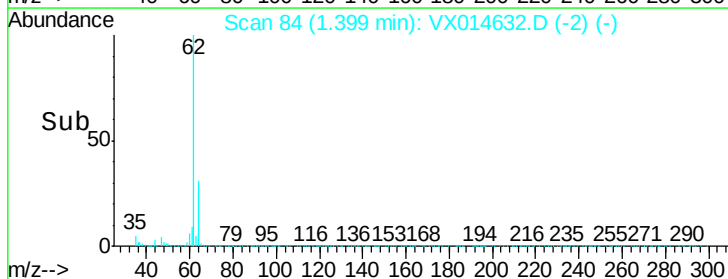
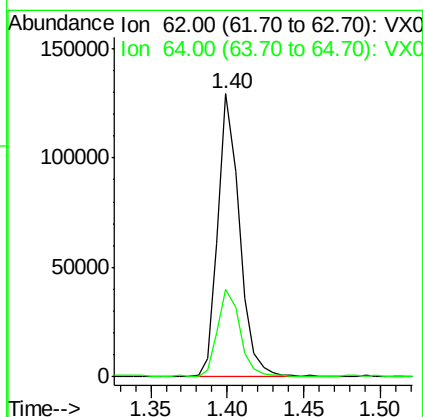
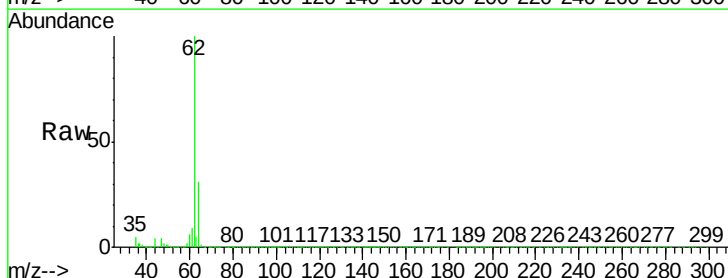
Acq: 16 Jan 2020 12:37

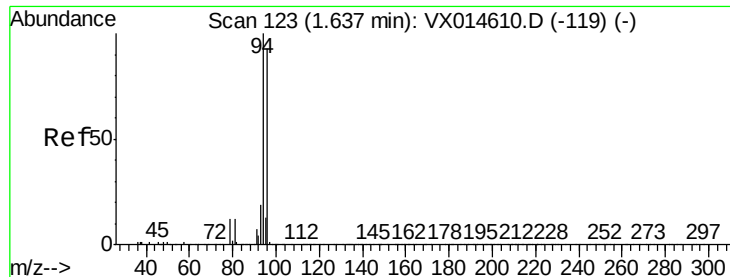
Tgt Ion: 62 Resp: 128030

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8





#5

Bromomethane

Concen: 18.161 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tot Ion: 94 Resp: 72332

Ion Ratio Lower Upper

94 100

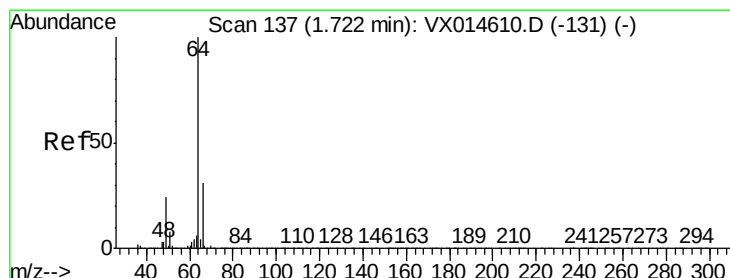
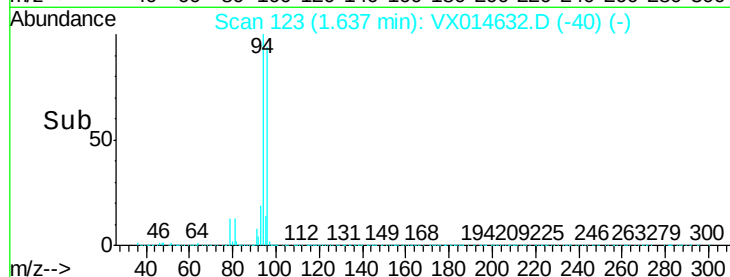
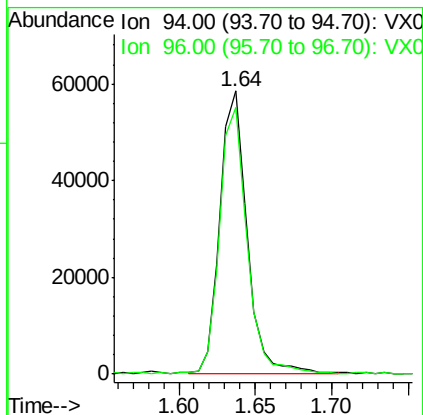
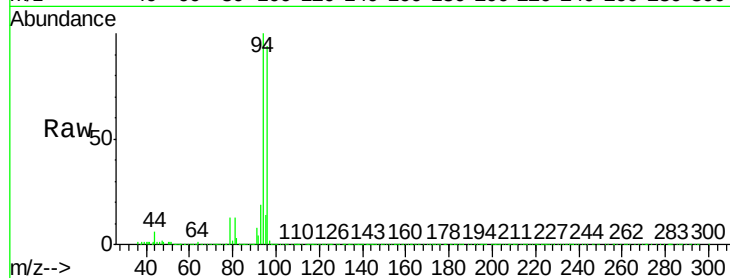
96 93.9 74.4 111.6

Manual Integrations

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1/17/2020 11:23:29 AM



#6

Chloroethane

Concen: 19.645 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014632.D

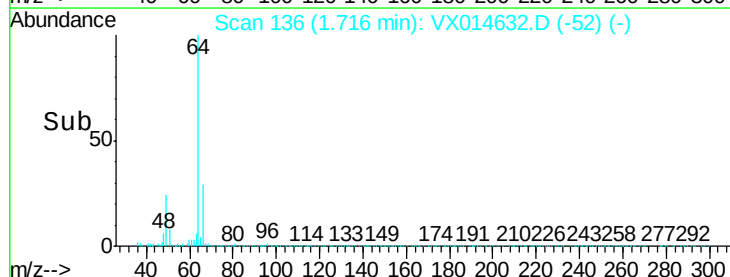
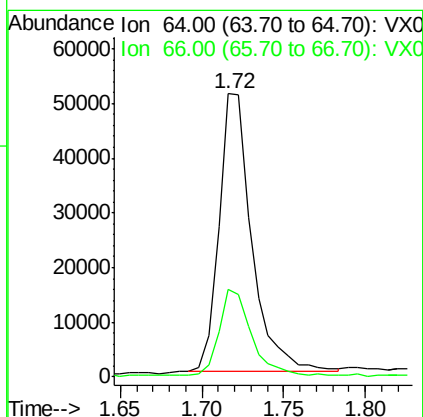
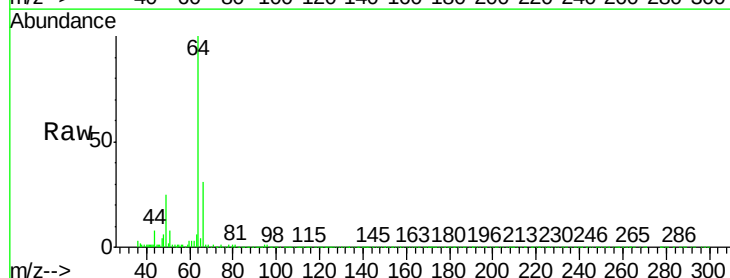
Acq: 16 Jan 2020 12:37

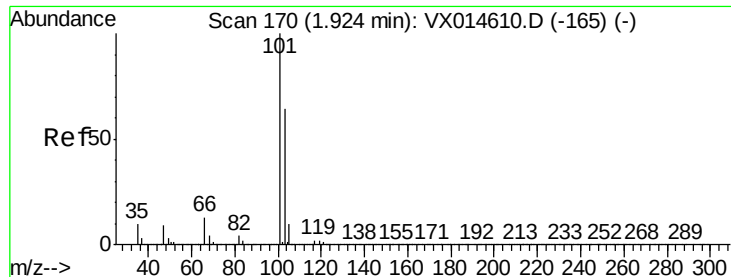
Tgt Ion: 64 Resp: 70683

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8





#7

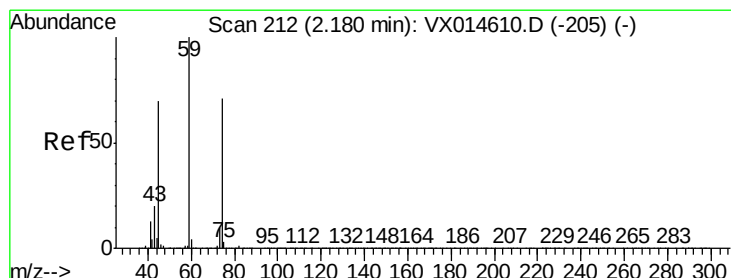
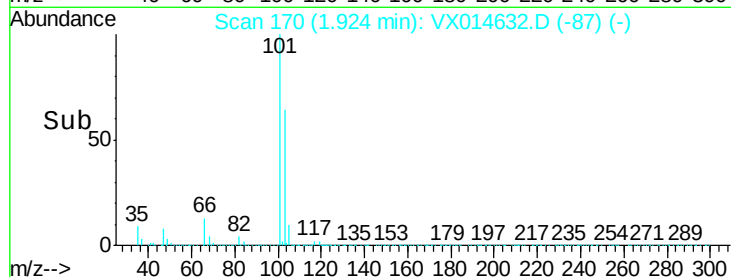
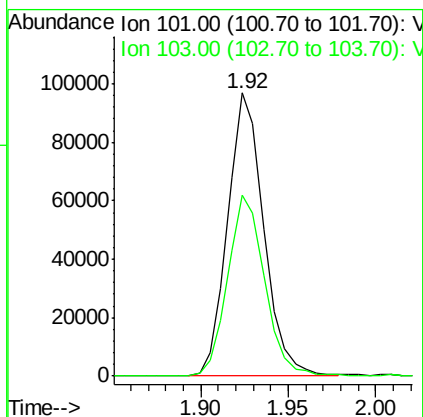
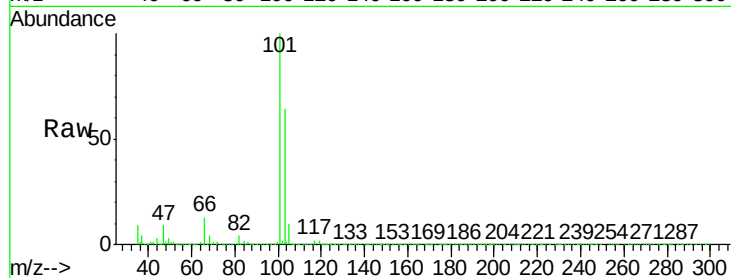
Trichlorofluoromethane
Concen: 19.527 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.6	77.4

Manual Integrations
APPROVED

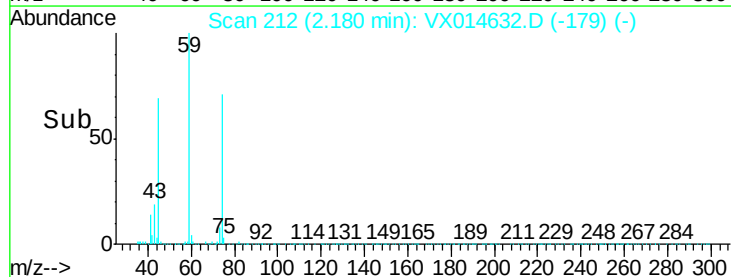
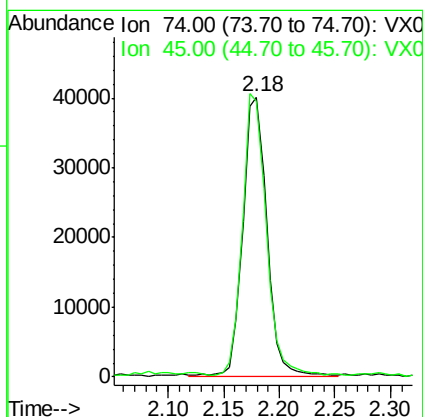
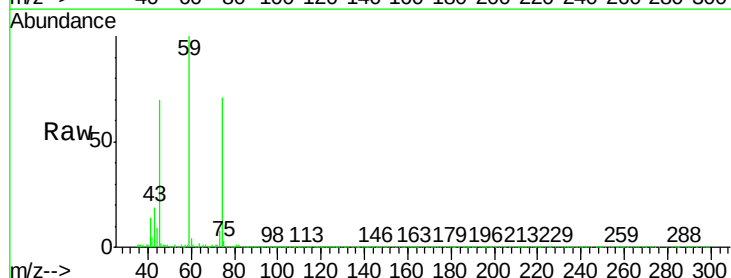
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1/17/2020 11:23:29 AM

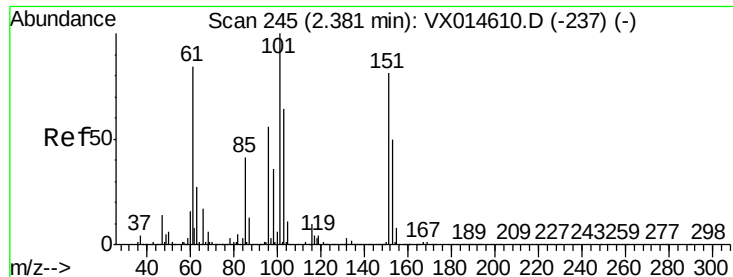


#8

Diethyl Ether
Concen: 19.578 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	20.6	185.0





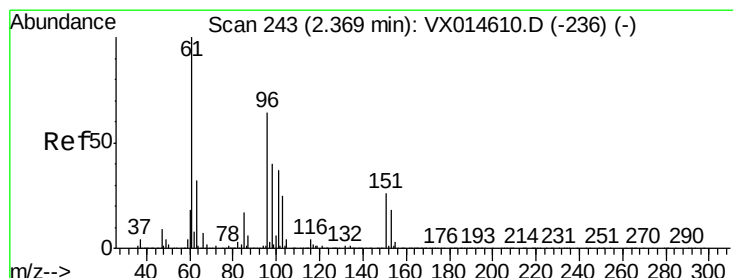
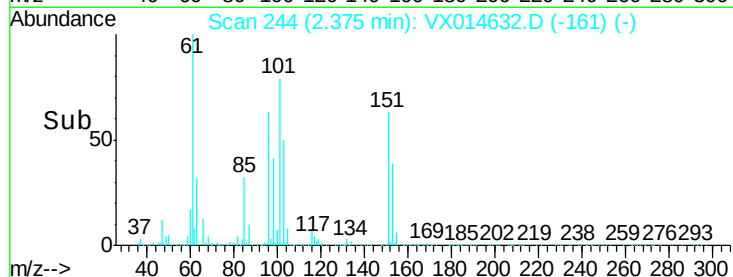
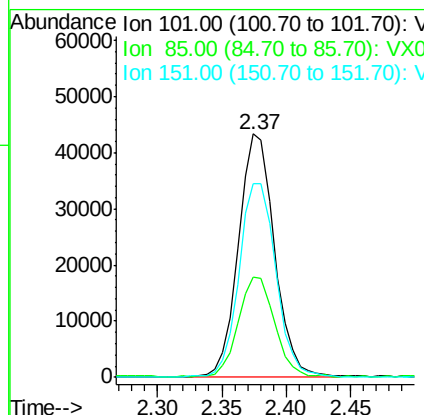
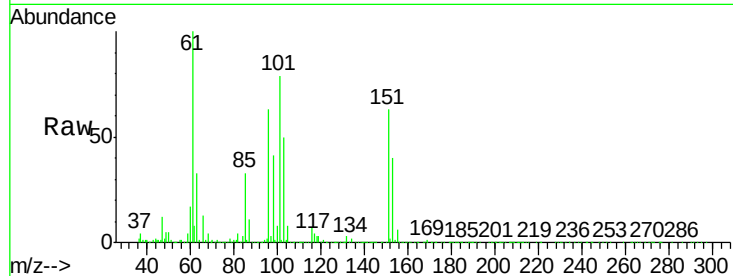
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.119 ug/l
 RT: 2.37 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	40.8	0.0	85.6
151	81.8	0.0	159.4

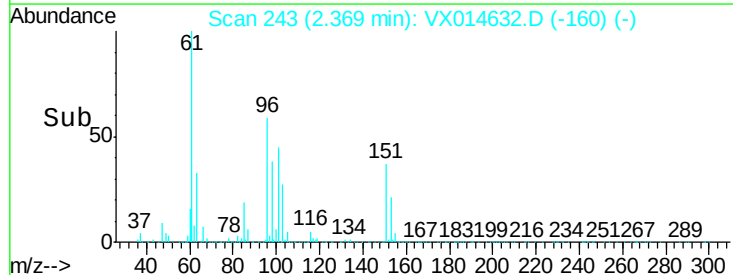
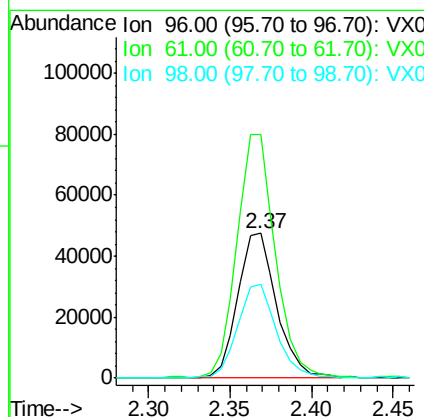
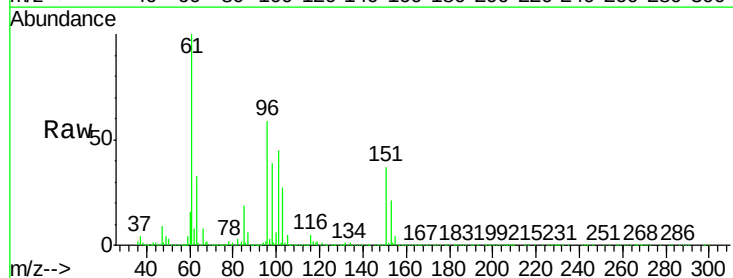
Manual Integrations
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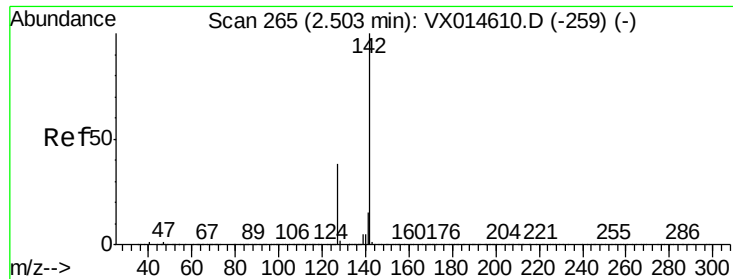
MMDadoda
 1/17/2020 11:23:29 AM



#10
 1,1-Dichloroethene
 Concen: 18.769 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	168.1	123.0	184.6
98	64.9	51.4	77.0





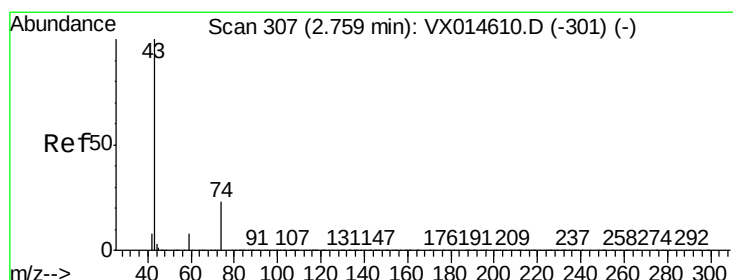
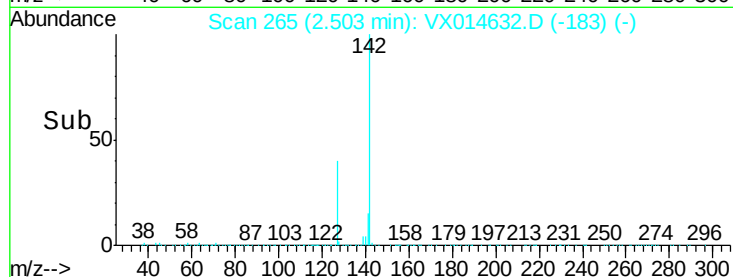
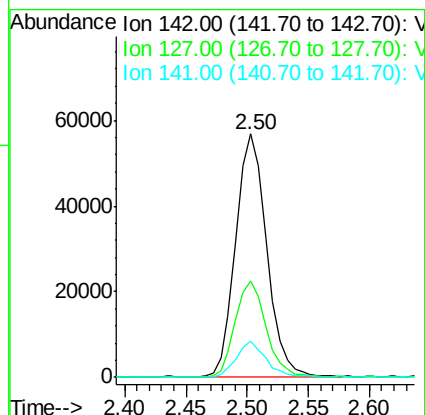
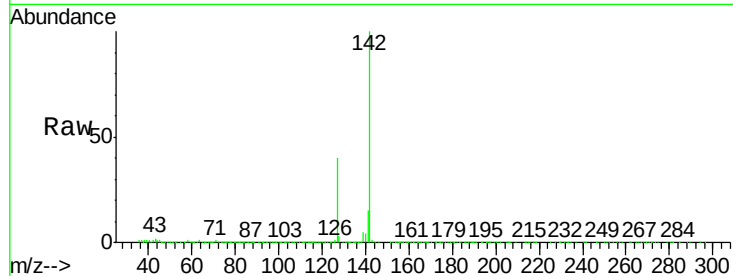
#11
Methvl Iodide
Concen: 17.948 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion:	142	Resp:	100101
Ion Ratio	Lower	Upper	
142	100		
127	39.8	19.5	58.5
141	14.5	7.0	20.9

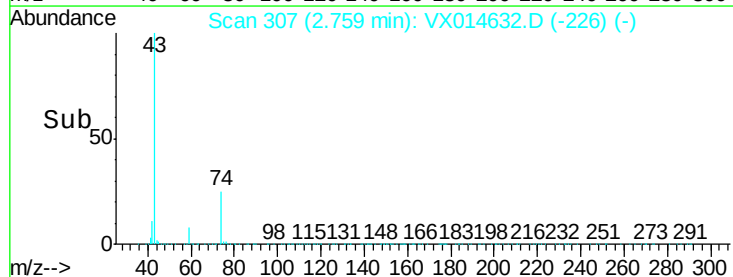
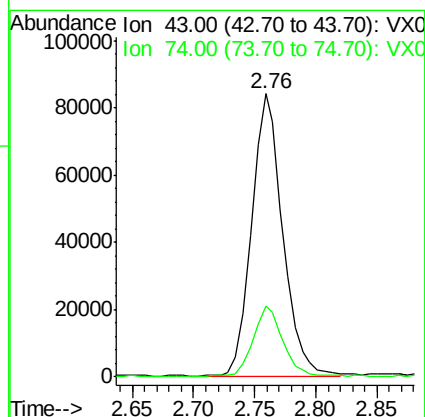
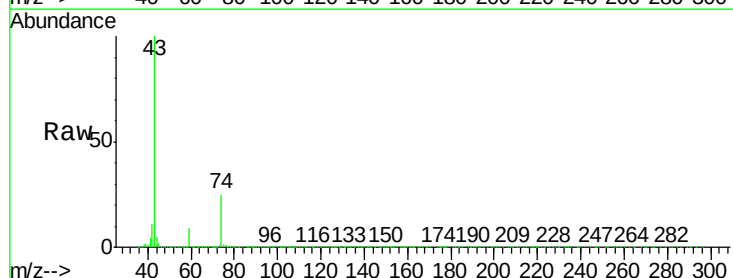
Manual Integrations
APPROVED

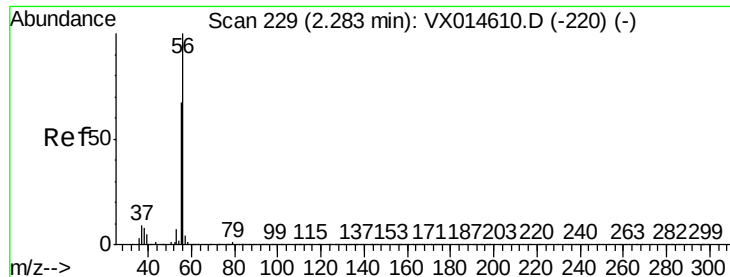
MMDadoda
1/17/2020 11:23:29 AM



#12
Methyl Acetate
Concen: 19.995 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:	43	Resp:	150222
Ion Ratio	Lower	Upper	
43	100		
74	24.6	18.5	27.7





#13

Acrolein

Concen: 85.587 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tot Ion: 56 Resp: 67539

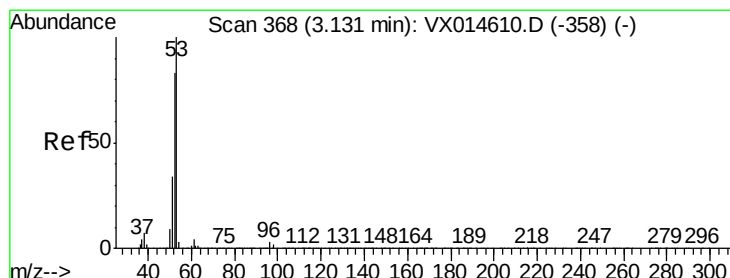
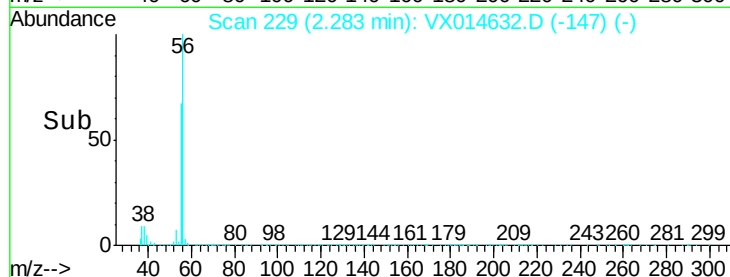
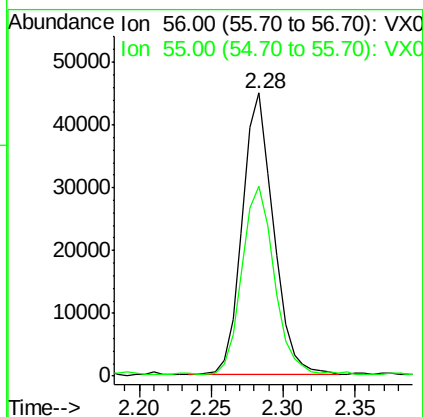
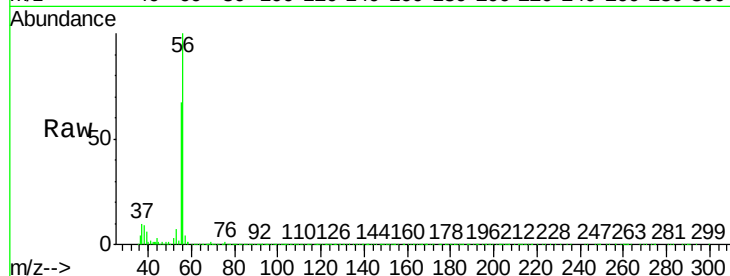
Ion Ratio Lower Upper

56 100

55 69.8 54.9 82.3

Manual Integrations
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#14

Acrylonitrile

Concen: 96.550 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

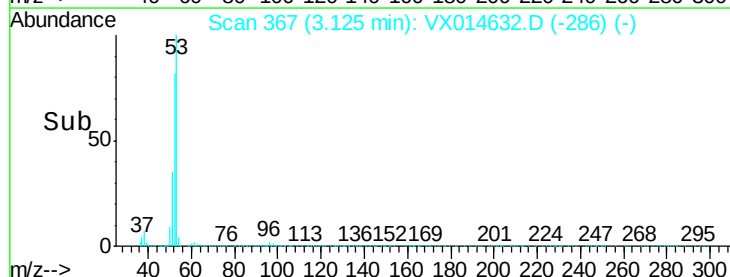
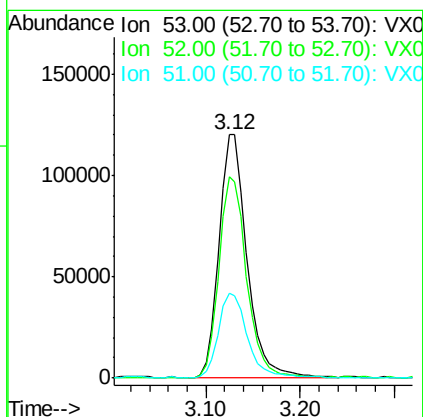
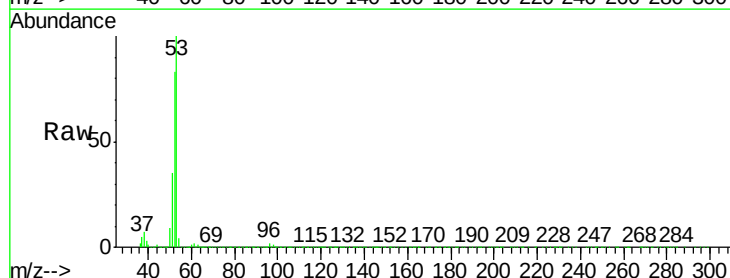
Tgt Ion: 53 Resp: 248199

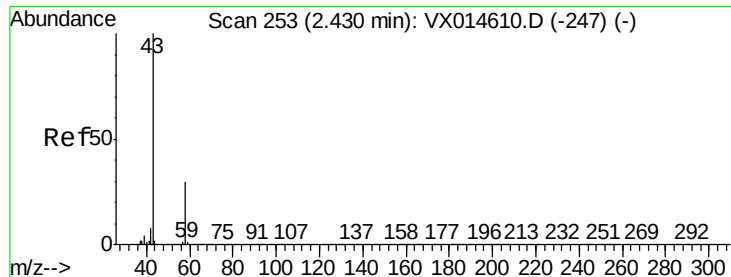
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

51 35.6 17.8 53.5





#15

Acetone

Concen: 86.834 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0116WBS01

Tot Ion: 58 Resp: 74834

Ion Ratio Lower Upper

58 100

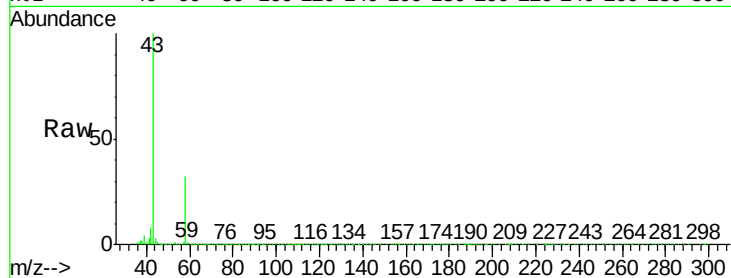
43 313.1 236.3 354.5

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

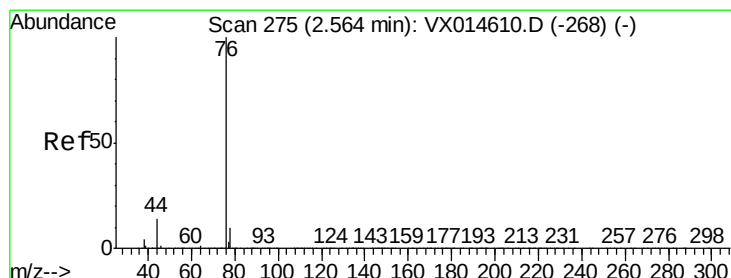
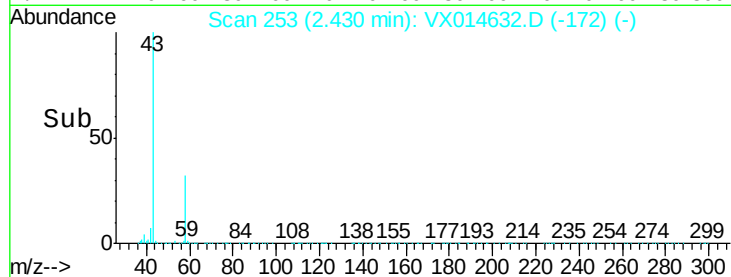
100000

50000

0

2.35 2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 19.029 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014632.D

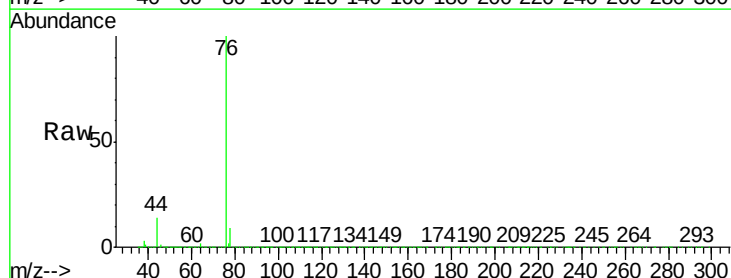
Acq: 16 Jan 2020 12:37

Tgt Ion: 76 Resp: 217352

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

150000

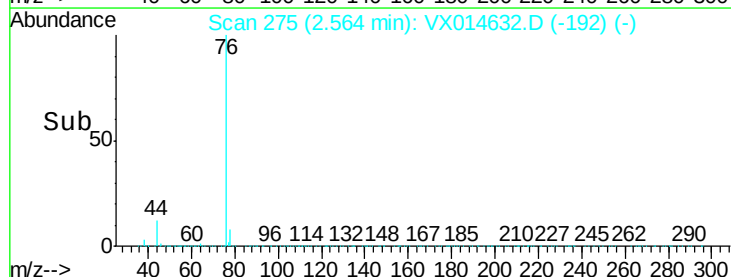
100000

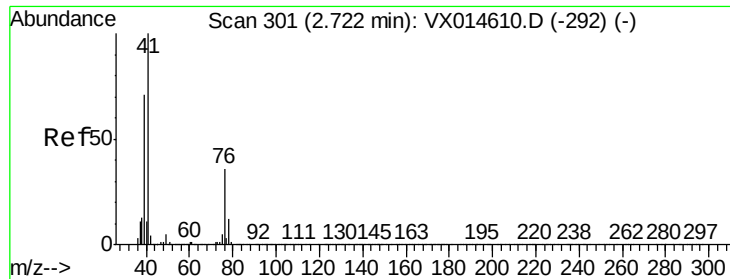
50000

0

2.50 2.55 2.60 2.65

Time-->





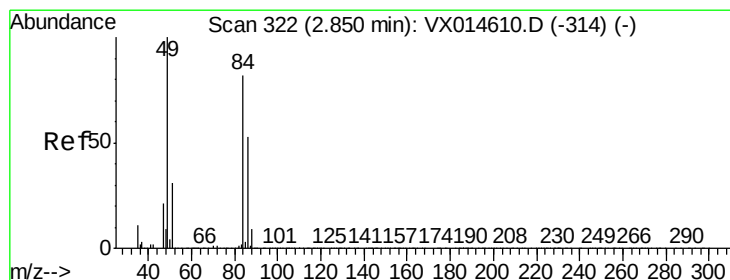
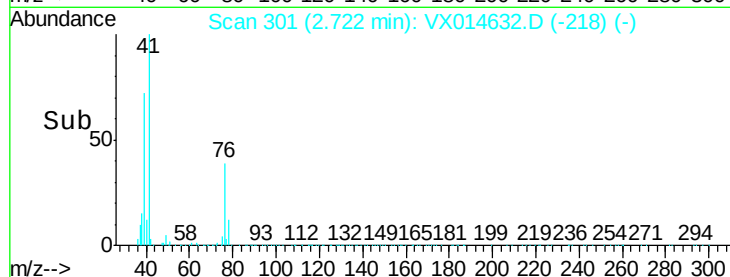
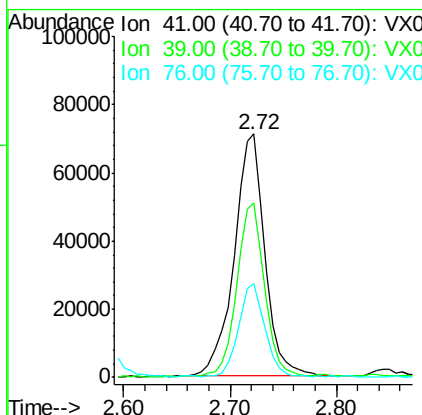
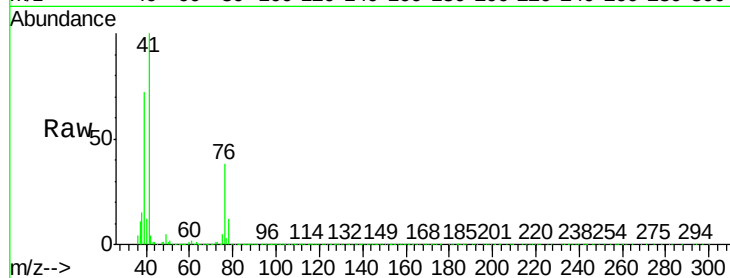
#17
Allvl chloride
Concen: 18.688 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.4	33.4	100.2
76	38.3	17.0	50.9

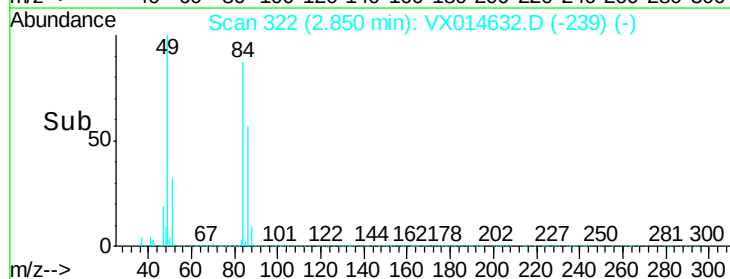
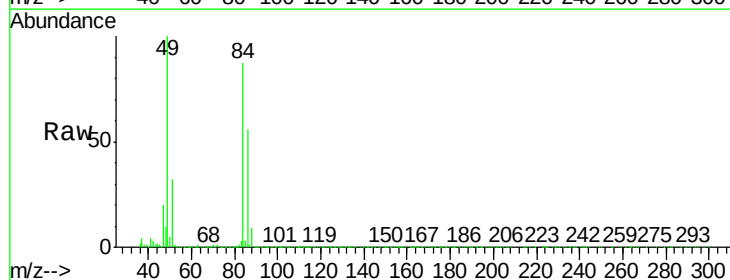
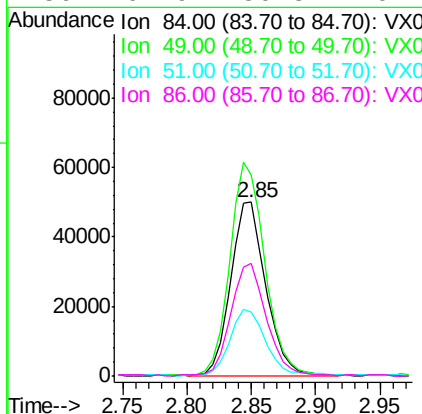
Manual Integrations
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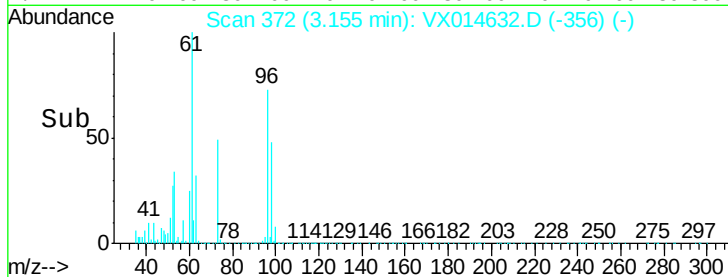
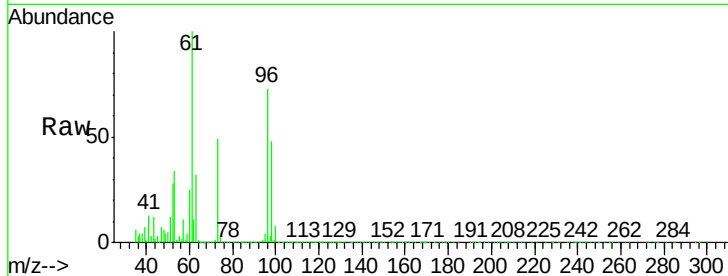
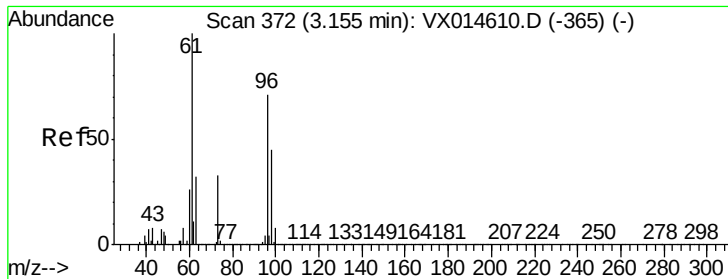
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#18
Methylene Chloride
Concen: 19.439 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	102.2	153.2
51	36.5	31.4	47.0
86	64.9	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.729 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014632.D

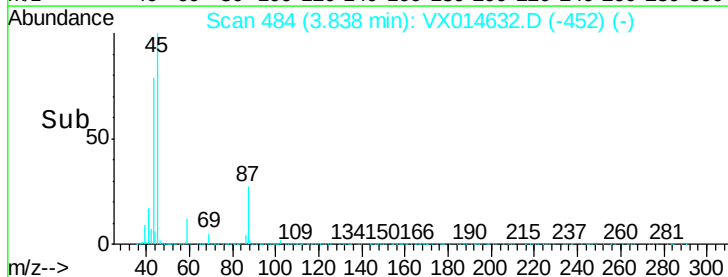
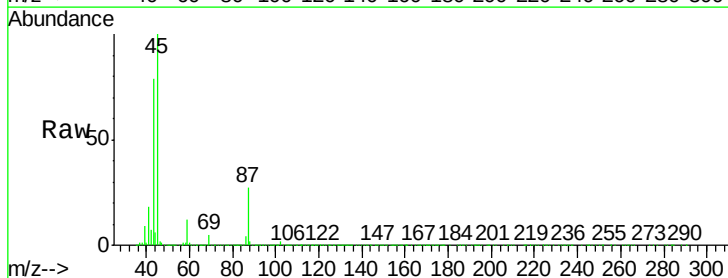
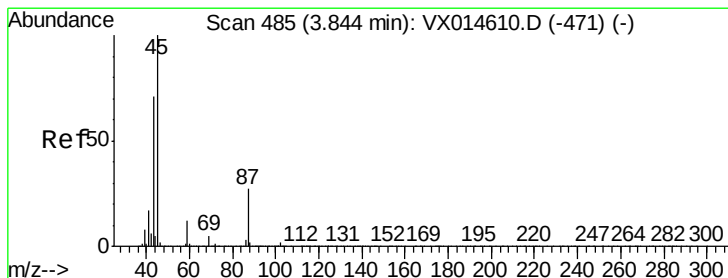
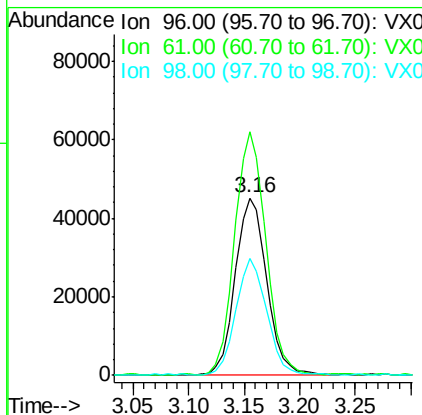
Acq: 16 Jan 2020 12:37

Tot Ion:	96	Resp:	88328
Ion Ratio	Lower	Upper	
96	100		
61	137.0	106.6	159.8
98	65.7	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

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#20

Diisopropyl ether

Concen: 19.701 ug/l

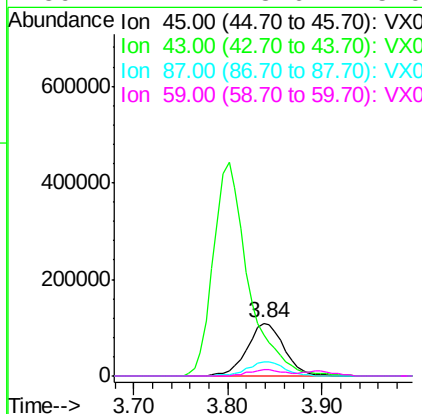
RT: 3.84 min Scan# 484

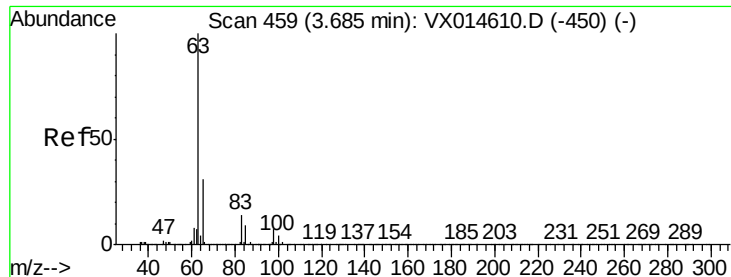
Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	45	Resp:	300009
Ion Ratio	Lower	Upper	
45	100		
43	76.1	55.9	83.9
87	26.6	22.2	33.2
59	11.4	8.6	13.0





#21

1,1-Dichloroethane

Concen: 19.551 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

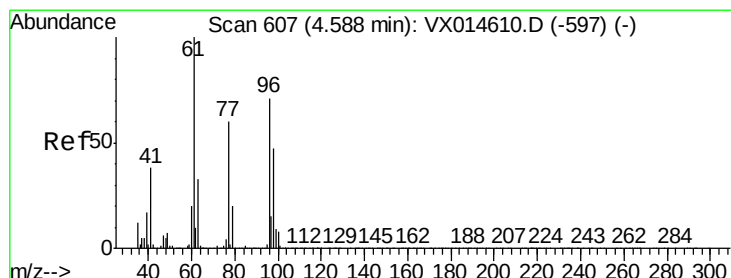
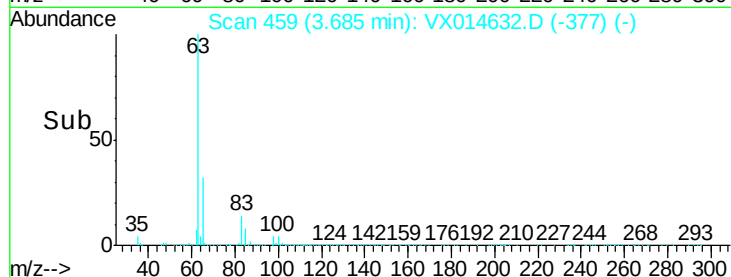
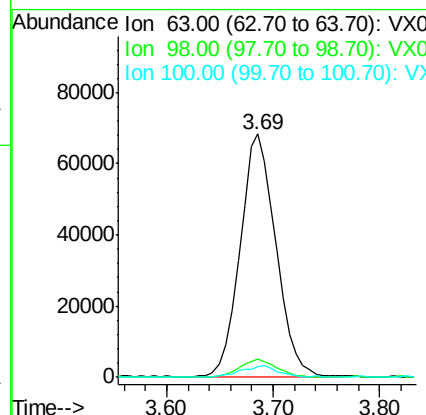
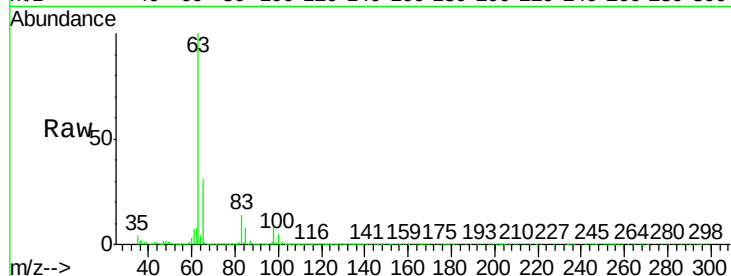
ClientSampled :

VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	161738		
98	7.4	3.4	10.1	
100	4.6	2.5	7.4	

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#22

cis-1,2-Dichloroethene

Concen: 19.171 ug/l

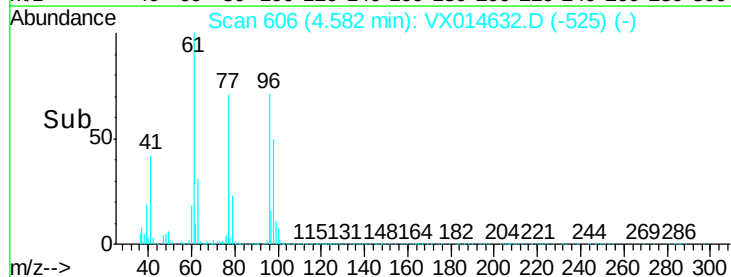
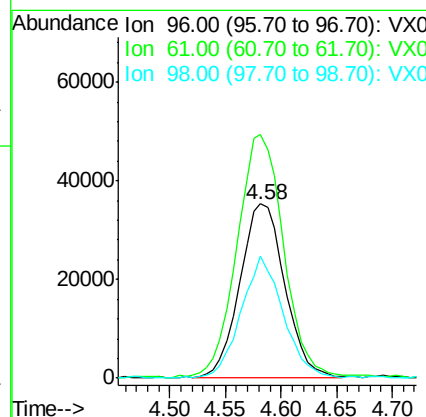
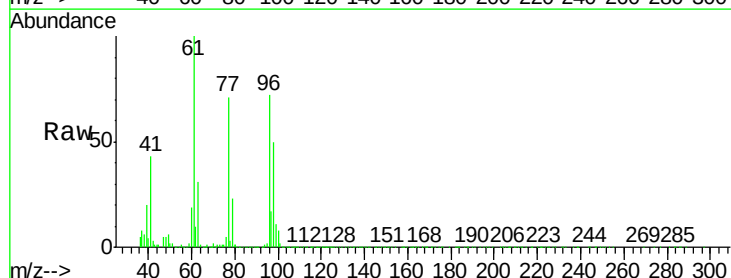
RT: 4.58 min Scan# 606

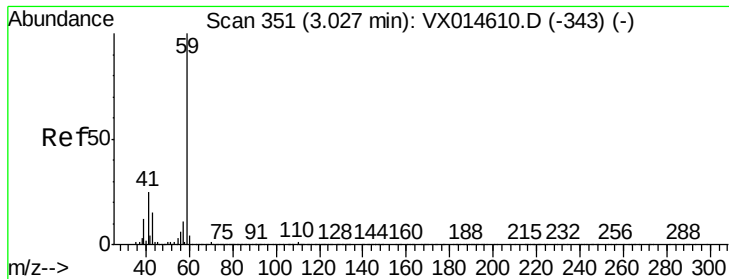
Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	98627		
61	146.5	112.4	168.6	
98	65.3	50.3	75.5	





#23

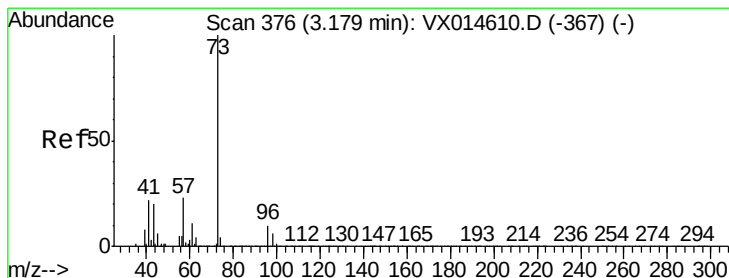
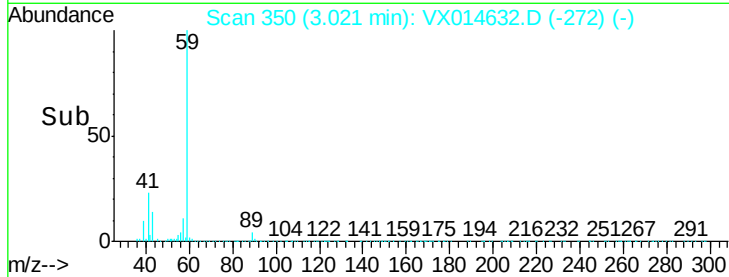
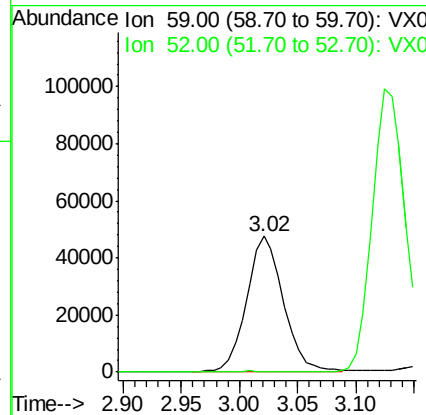
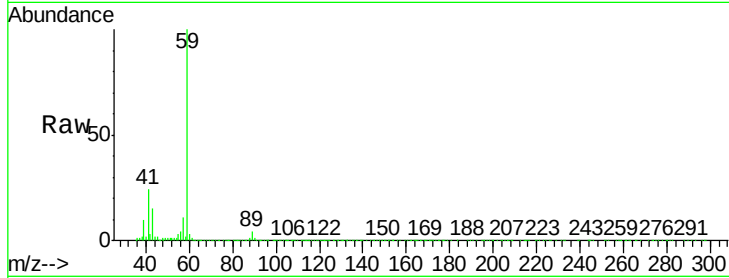
tert-Butyl Alcohol
 Concen: 97.691 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.2	0.2#

Manual Integrations
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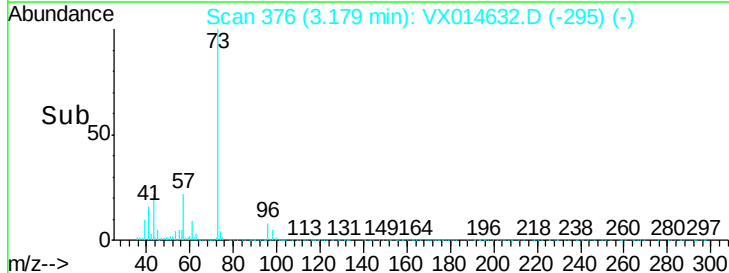
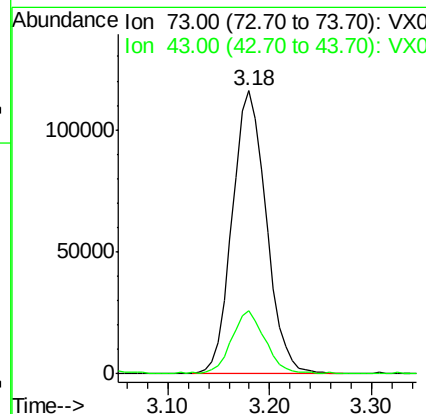
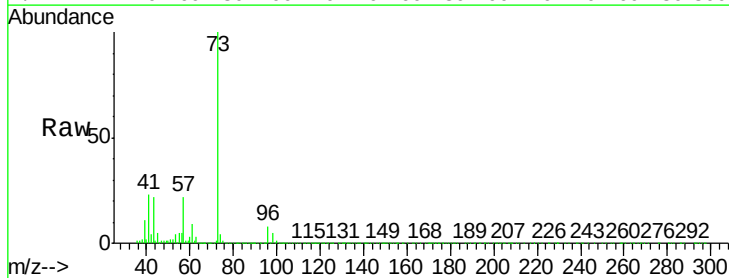
MMDadoda
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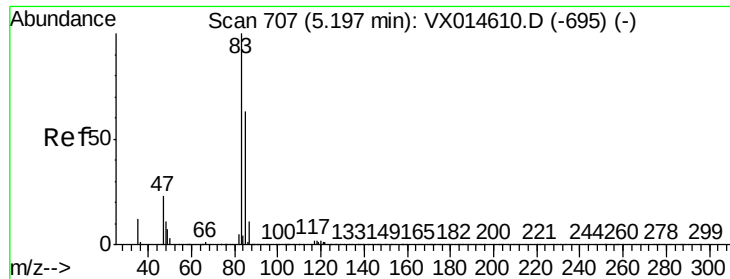


#24

Methyl tert-Butyl Ether
 Concen: 19.366 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	16.6	25.0





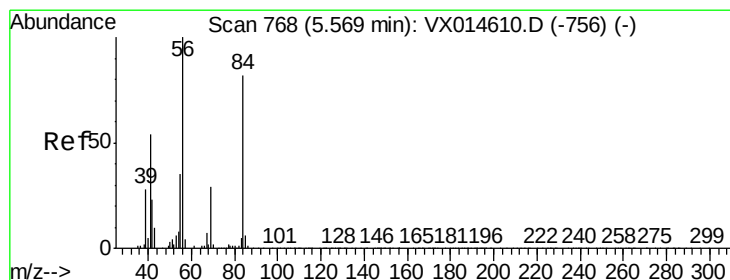
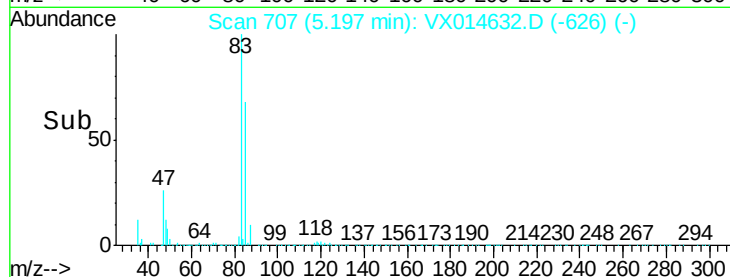
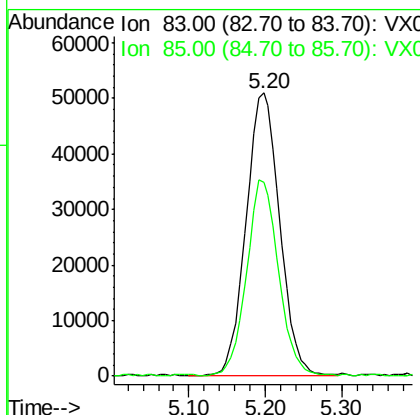
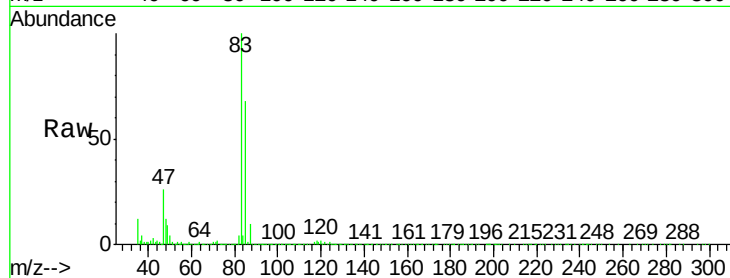
#25
Chloroform
Concen: 19.496 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	83	Resp	156236
Ion Ratio	100	Lower	Upper
83	100		
85	68.0	52.7	79.1

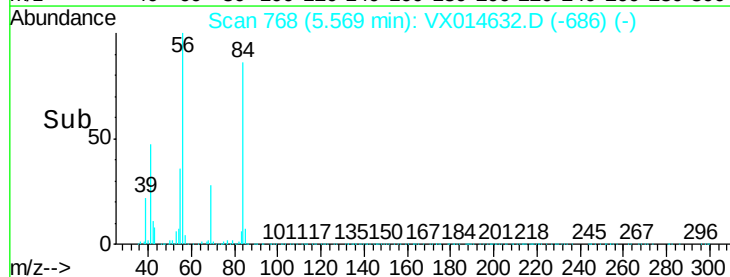
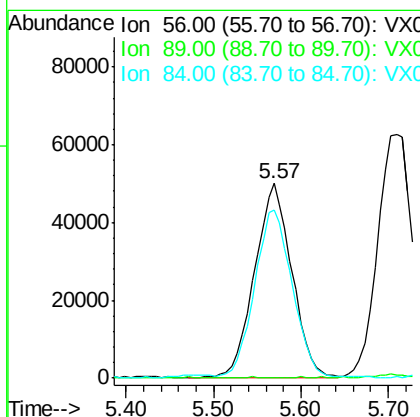
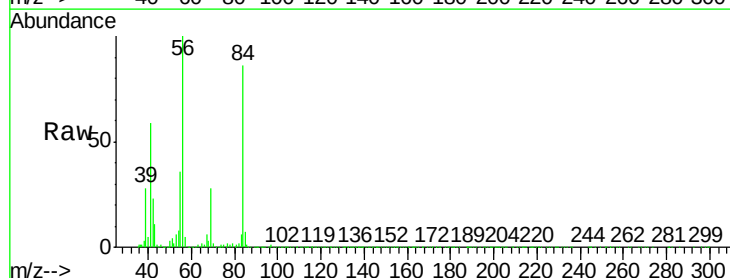
Manual Integrations
APPROVED

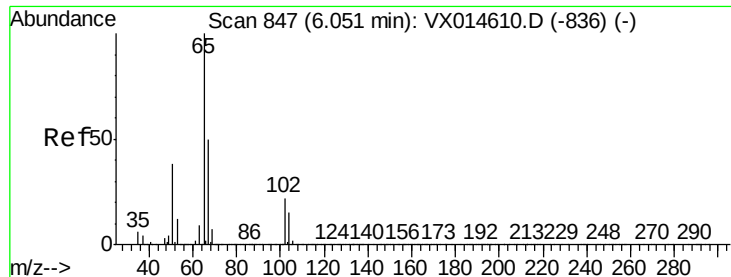
MMDadoda
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#26
Cyclohexane
Concen: 19.359 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	56	Resp	147720
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1
84	87.6	70.8	106.2





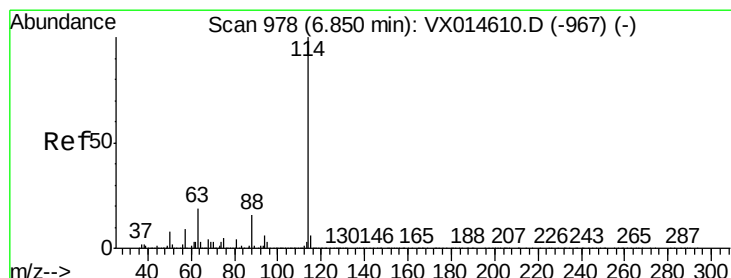
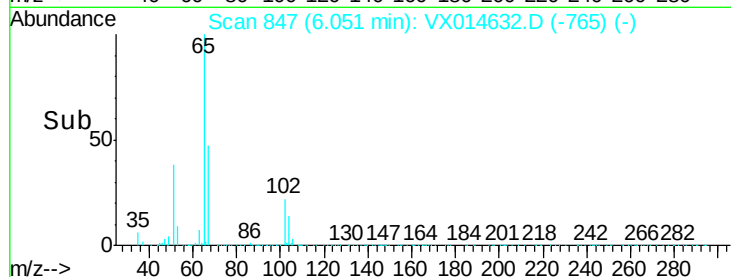
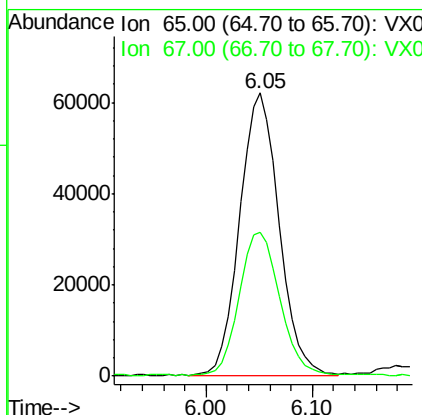
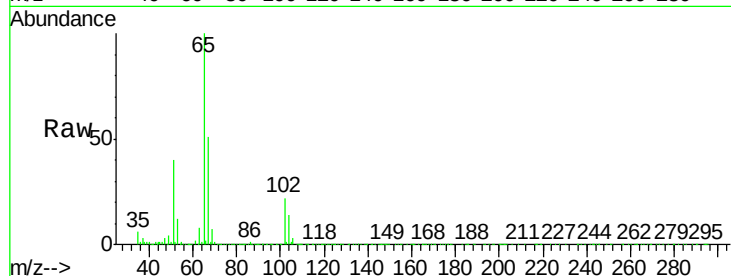
#27
 1,2-Dichloroethane-d4
 Concen: 30.379 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	43.1	64.7

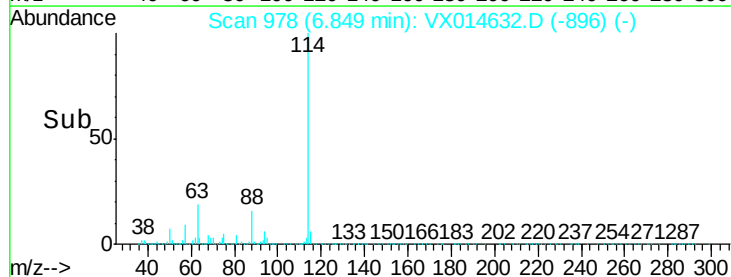
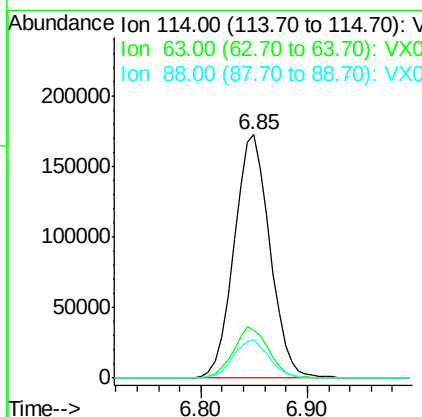
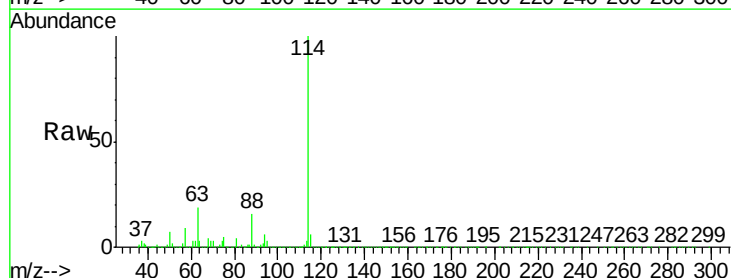
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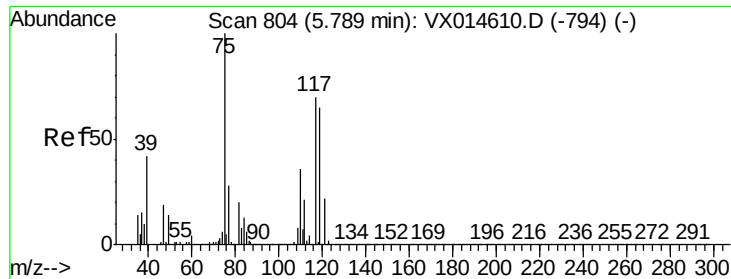
MMDadoda
 1/17/2020 11:23:29 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.1	24.1
88	15.9	12.5	18.7





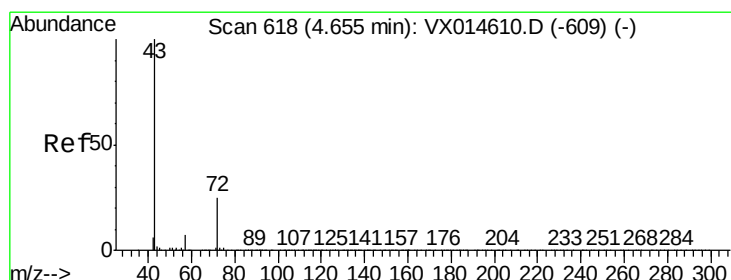
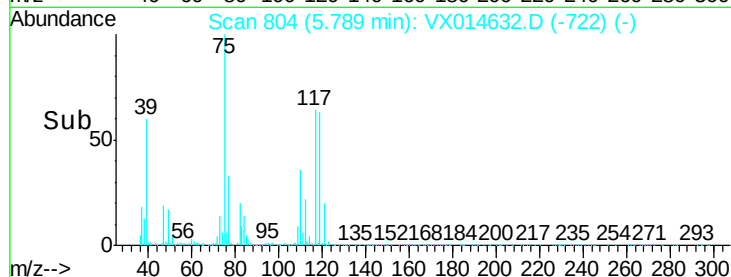
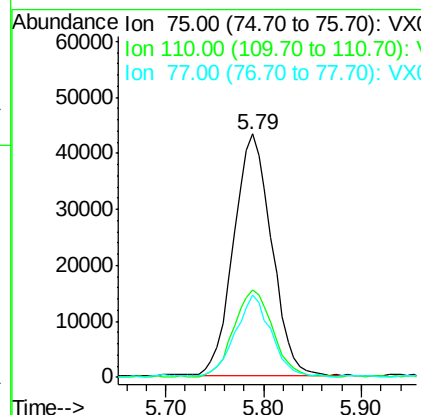
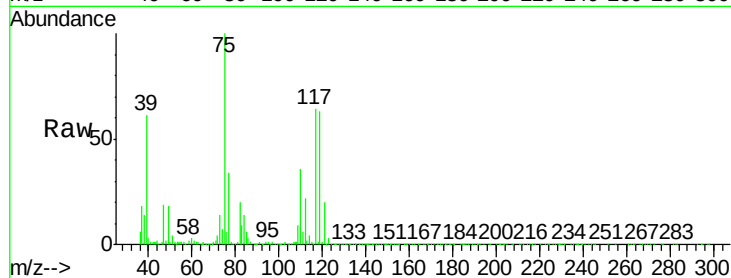
#29
 1,1-Dichloropropene
 Concen: 19.415 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0116WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.9	0.0	73.8
77	31.5	0.0	62.4

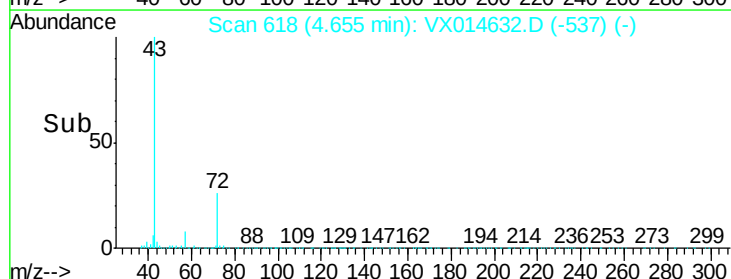
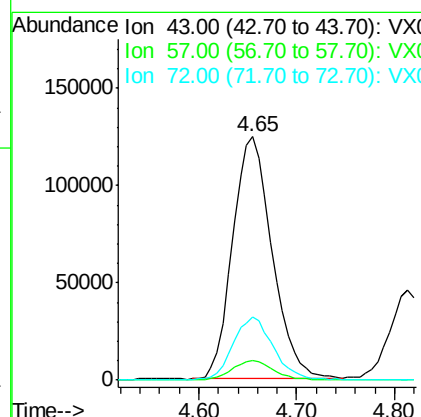
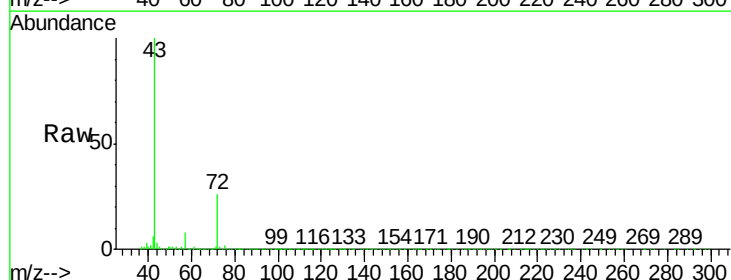
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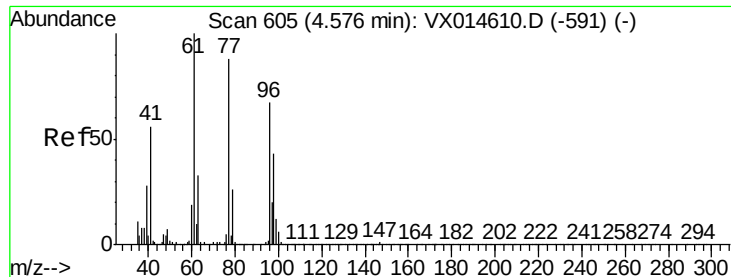
MMDadoda
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#30
 2-Butanone
 Concen: 92.566 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.438 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tot Ion: 77 Resp: 123991

Ion Ratio Lower Upper

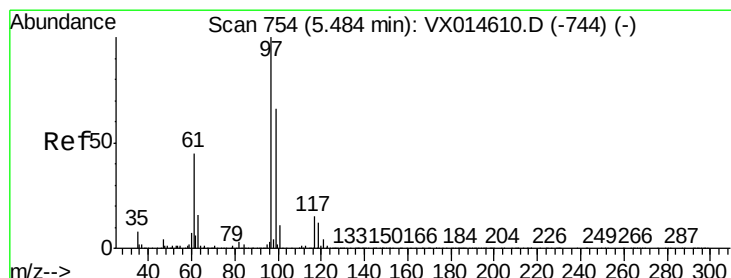
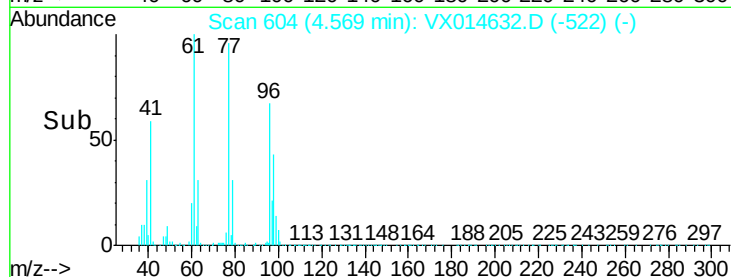
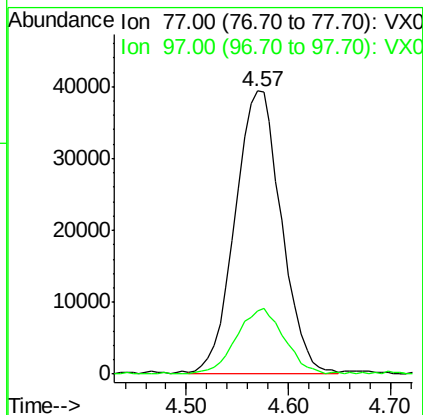
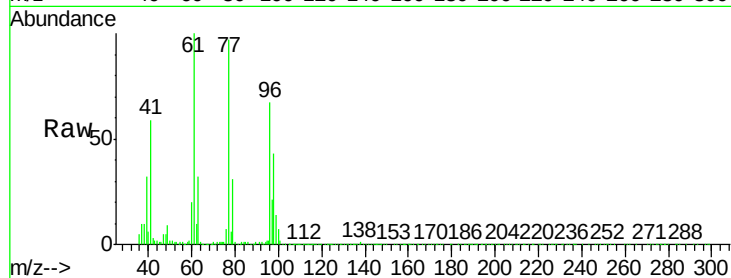
77 100

97 23.5 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 19.437 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

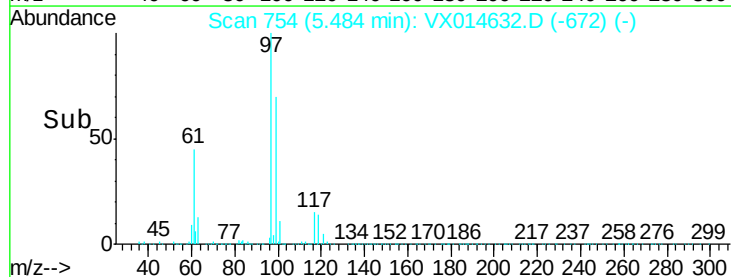
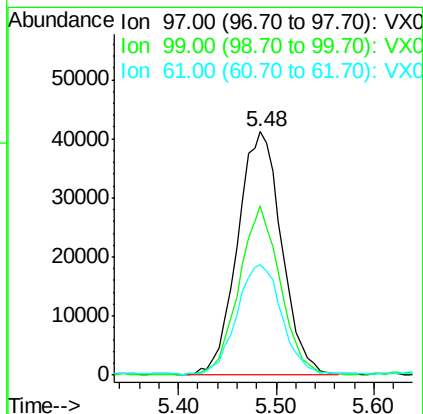
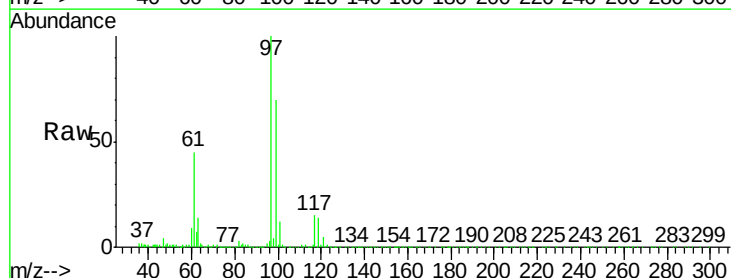
Tgt Ion: 97 Resp: 128194

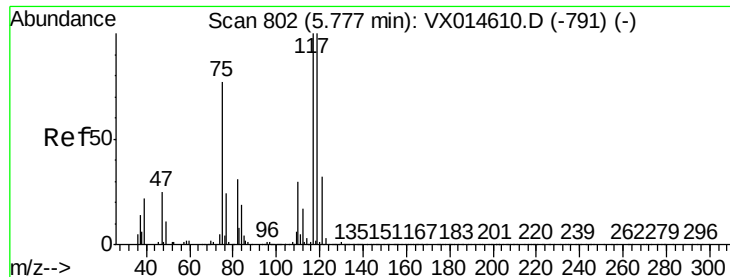
Ion Ratio Lower Upper

97 100

99 65.5 51.9 77.9

61 45.4 36.8 55.2





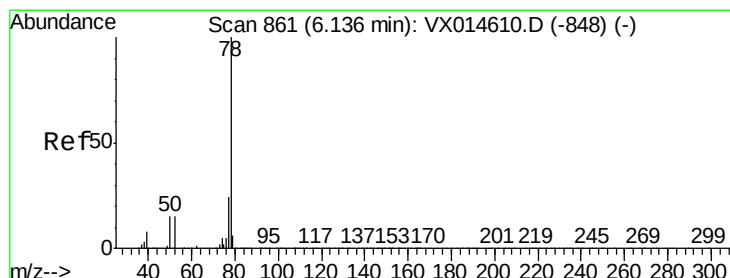
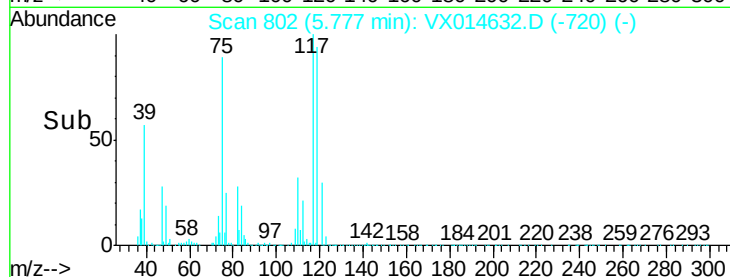
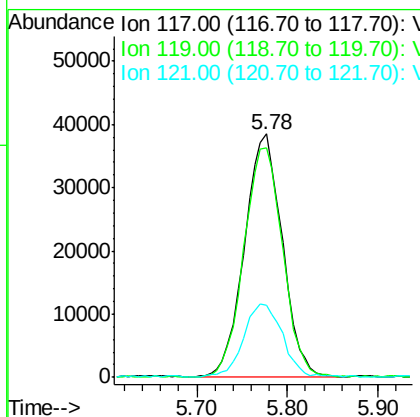
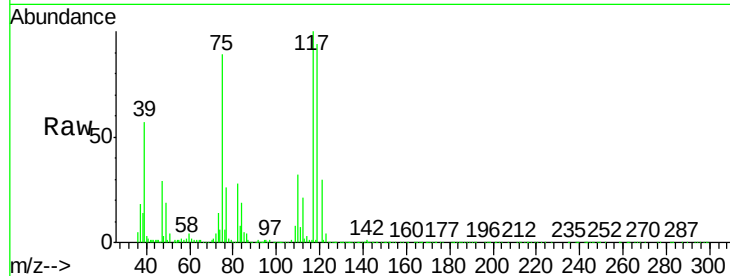
#33
Carbon Tetrachloride
Concen: 19.643 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	111228		
119	94.4	77.2	115.8	
121	29.7	24.8	37.2	

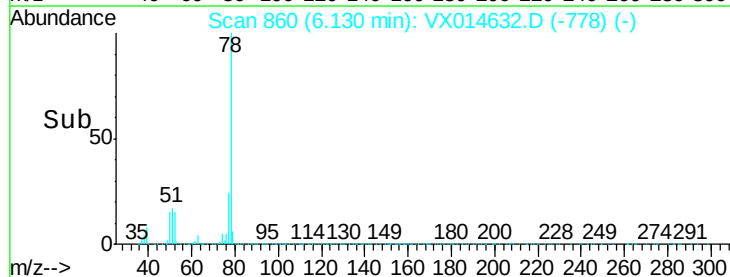
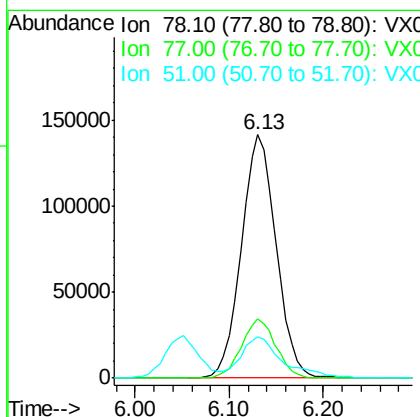
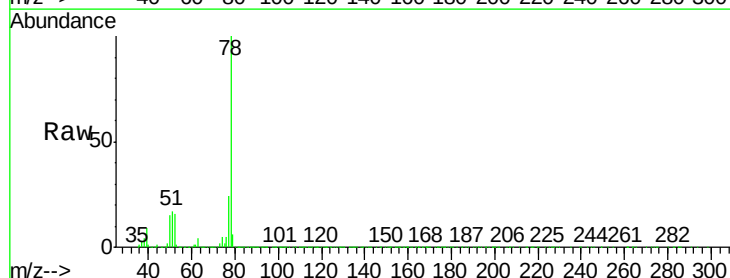
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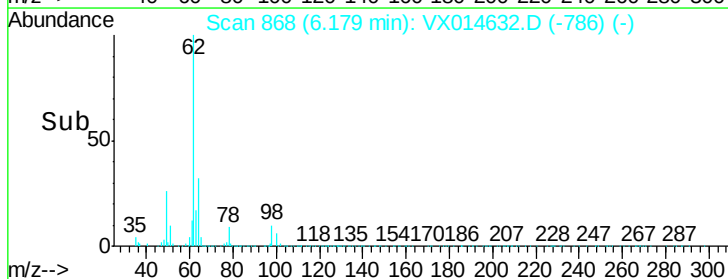
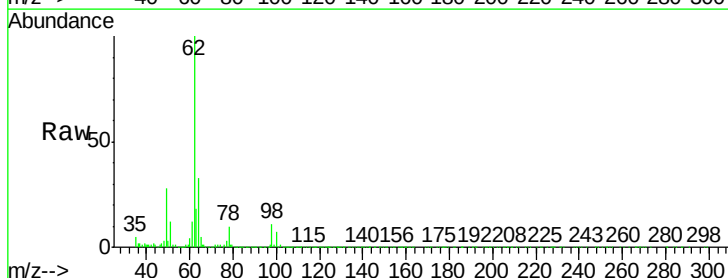
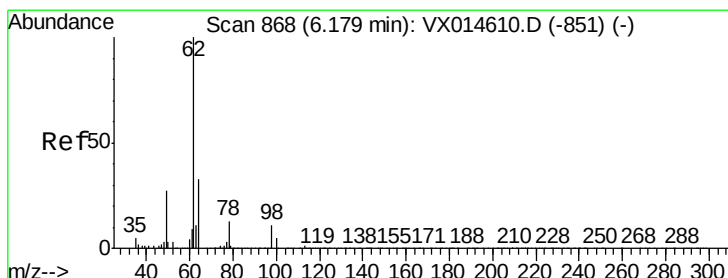
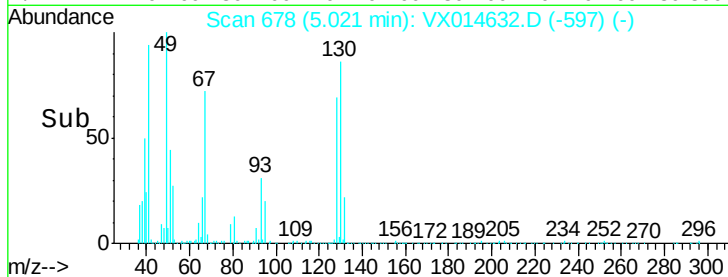
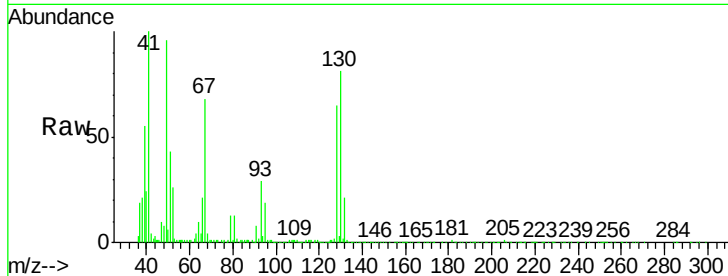
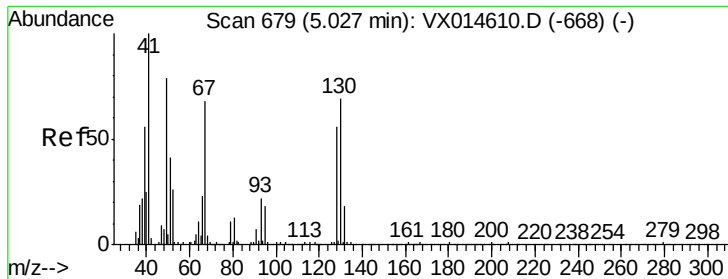
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#34
Benzene
Concen: 19.824 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

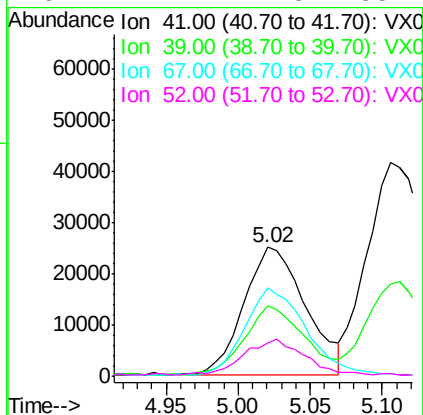
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	365190		
77	24.0	18.2	27.2	
51	16.4	12.4	18.6	





#35
Methacrylonitrile
Concen: 19.631 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	26.7	80.1	
67	67.8	31.5	94.5	
52	24.1	12.8	38.4	



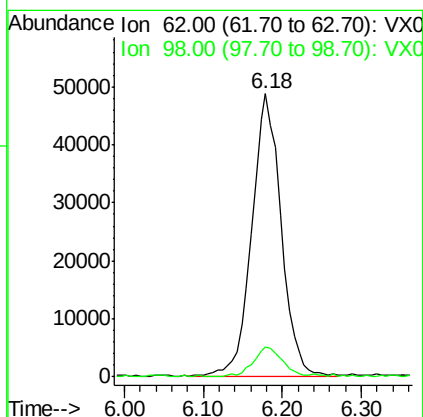
Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

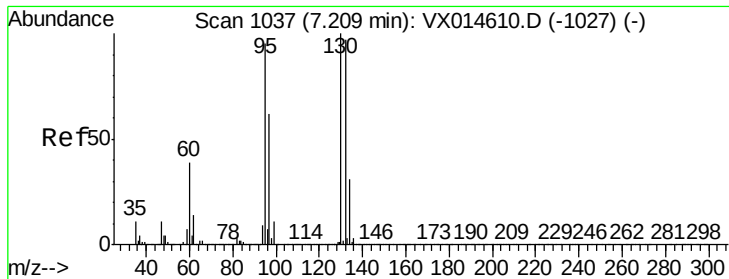
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#36
1,2-Dichloroethane
Concen: 19.624 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	8.4	12.6	





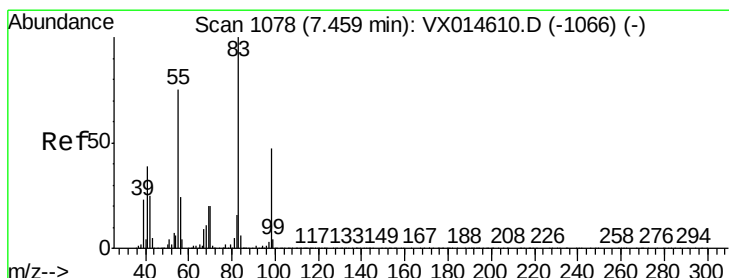
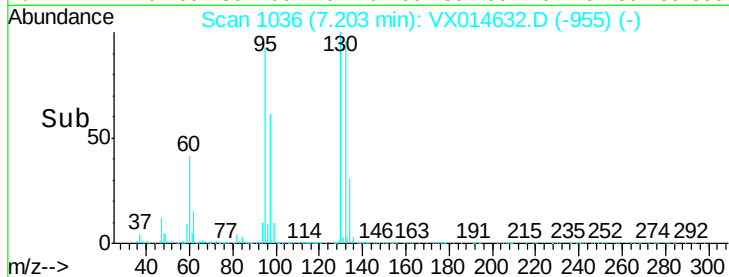
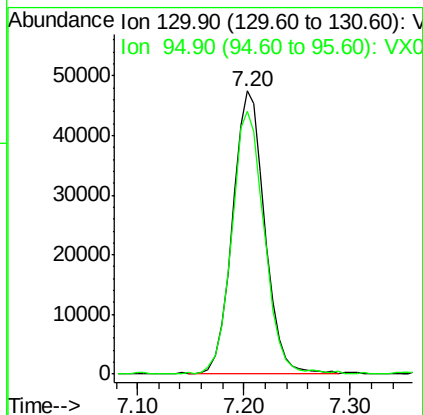
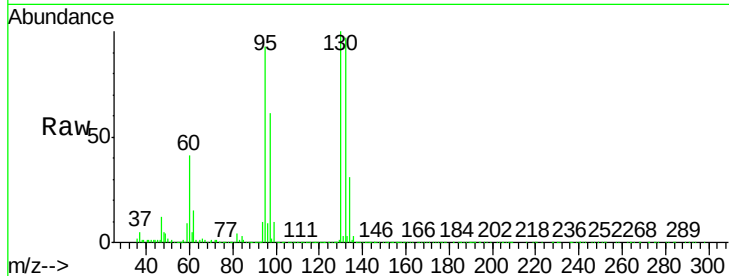
#37
 Trichloroethene
 Concen: 19.792 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion:130 Resp: 99830
 Ion Ratio Lower Upper
 130 100
 95 92.6 71.7 107.5

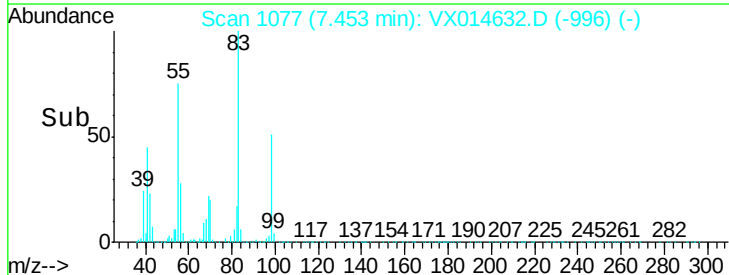
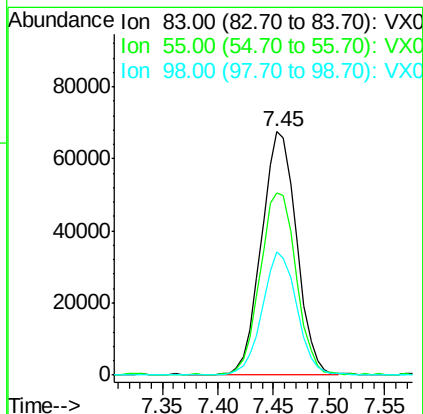
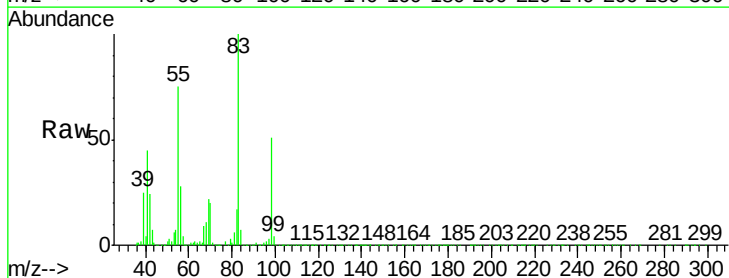
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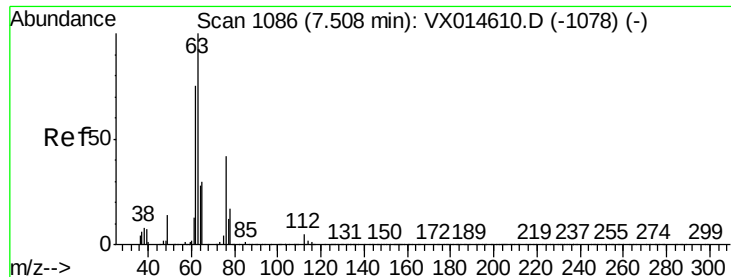
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#38
 Methylcyclohexane
 Concen: 20.085 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion: 83 Resp: 149084
 Ion Ratio Lower Upper
 83 100
 55 75.8 39.4 118.1
 98 49.5 25.1 75.3





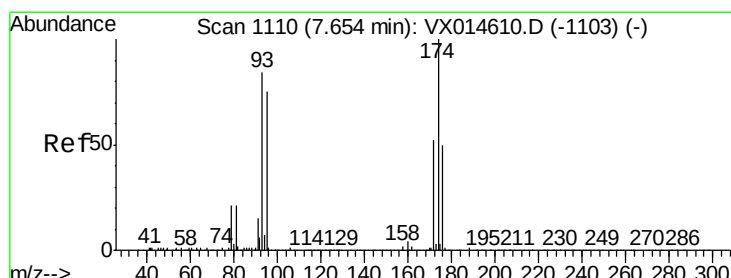
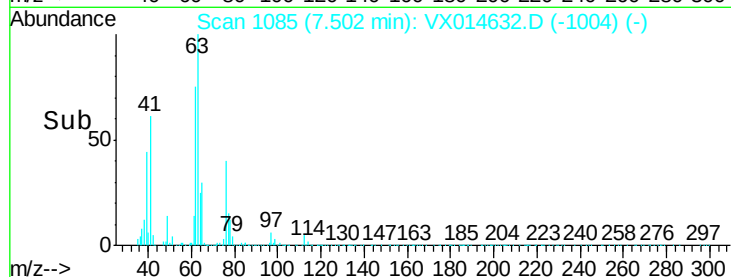
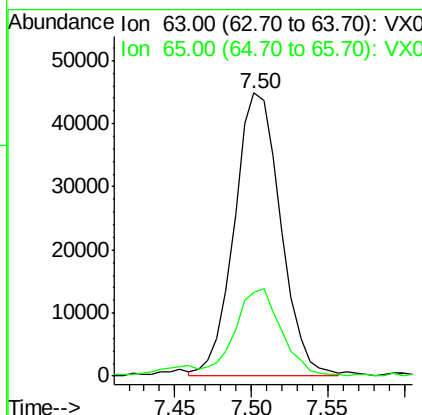
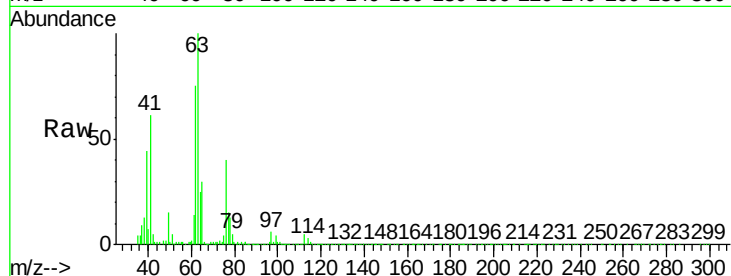
#39
 1,2-Dichloropropane
 Concen: 19.683 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion: 63 Resp: 94287
 Ion Ratio Lower Upper
 63 100
 65 29.2 22.1 33.1

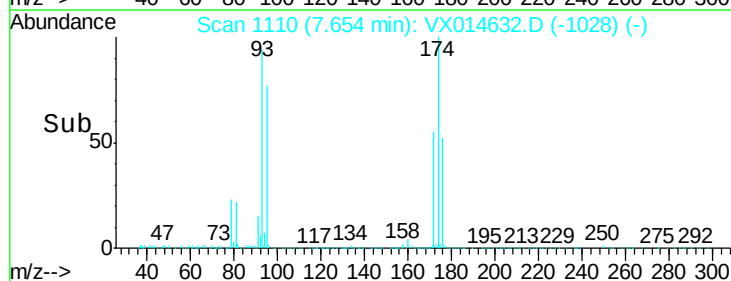
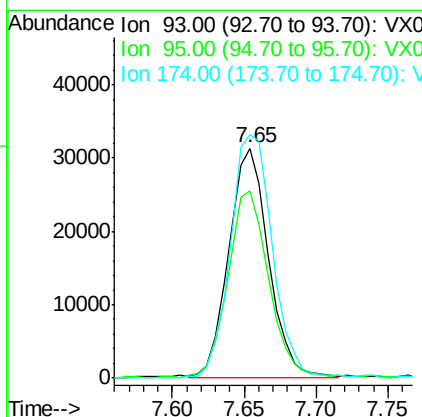
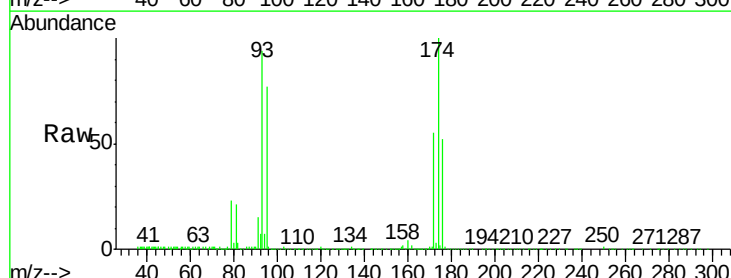
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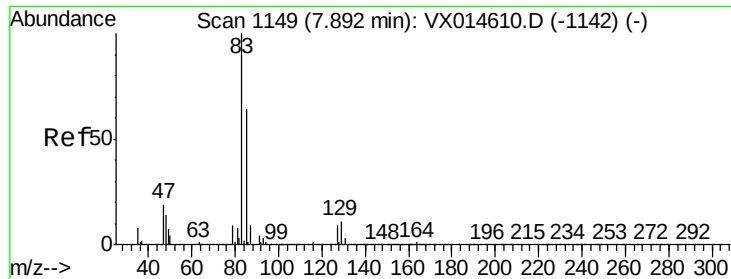
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#40
 Dibromomethane
 Concen: 19.572 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion: 93 Resp: 60255
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 164.4
 174 113.0 0.0 228.8





#41

Bromodichloromethane

Concen: 19.307 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

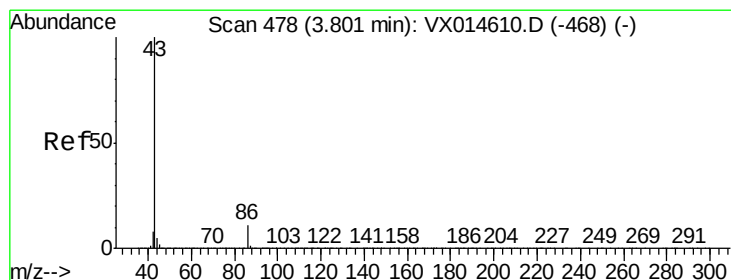
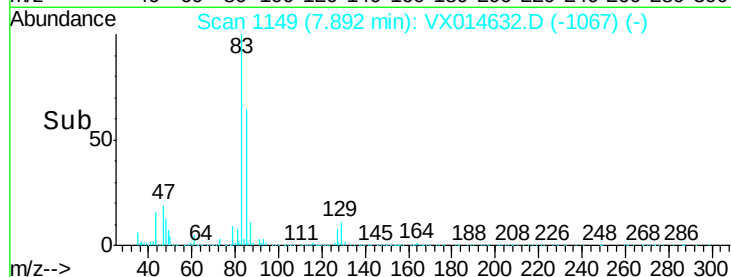
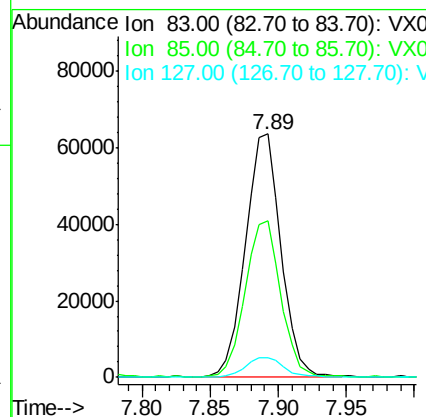
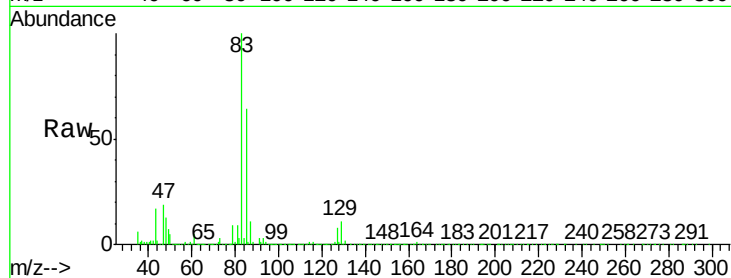
ClientSampleId :

VX0116WBS01

Tot Ion:	83	Resp:	116396
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.6	77.4
127	7.7	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.281 ug/l

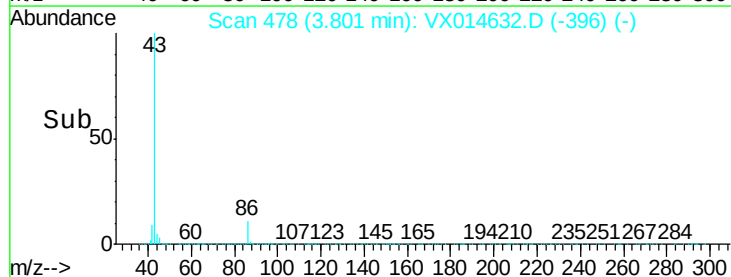
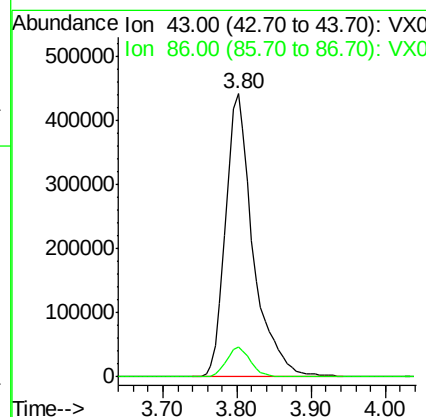
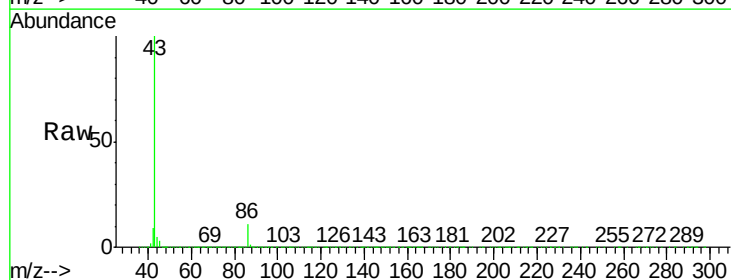
RT: 3.80 min Scan# 478

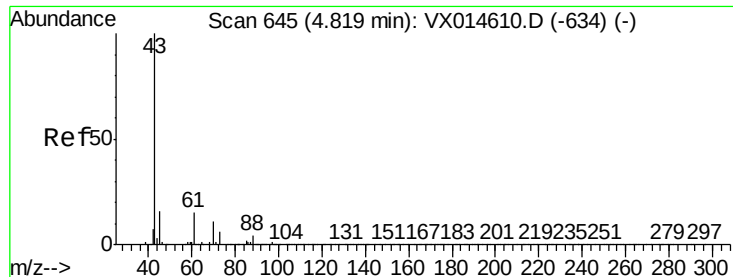
Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	43	Resp:	1143975
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.7	11.5





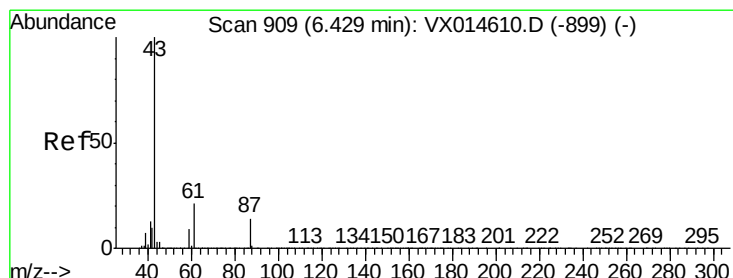
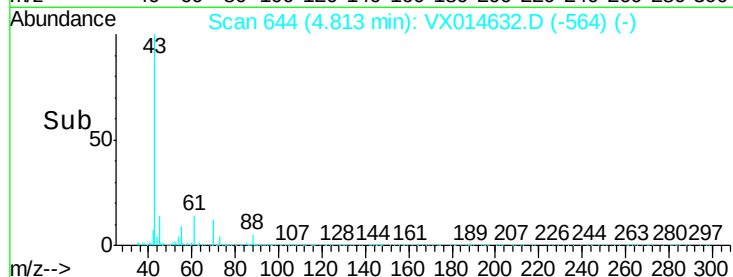
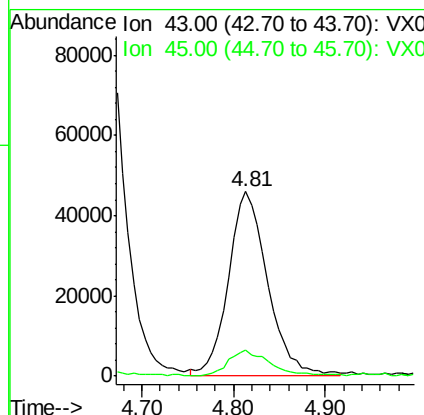
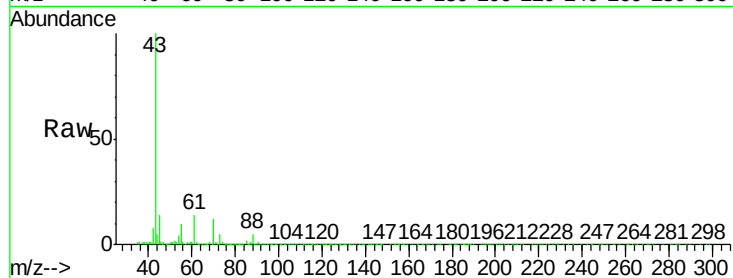
#43
Ethyl Acetate
Concen: 20.054 ug/l m
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion: 43 Resp: 137096
Ion Ratio Lower Upper
43 100
45 0.1 11.8 17.8#

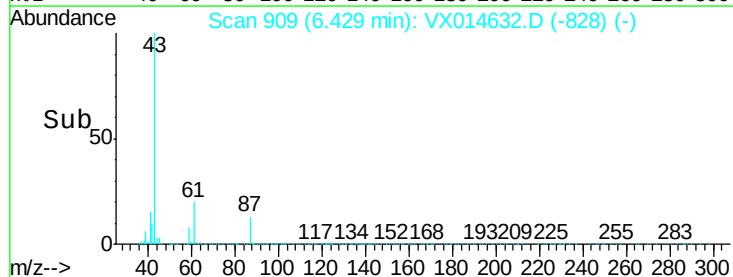
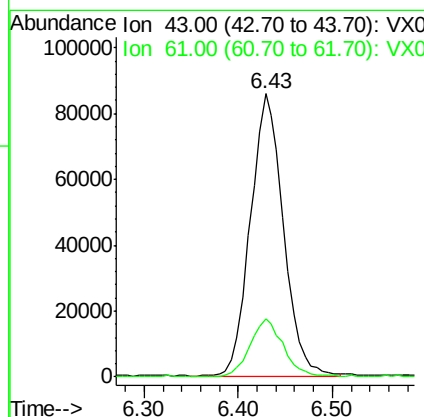
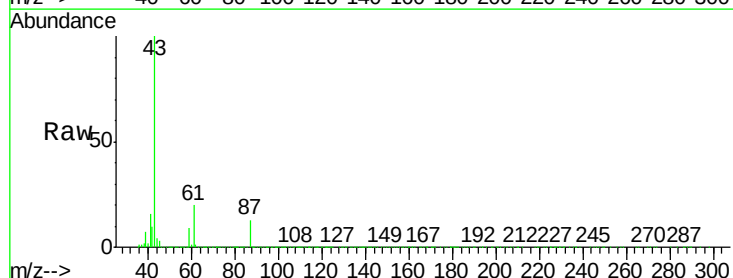
Manual Integrations
APPROVED

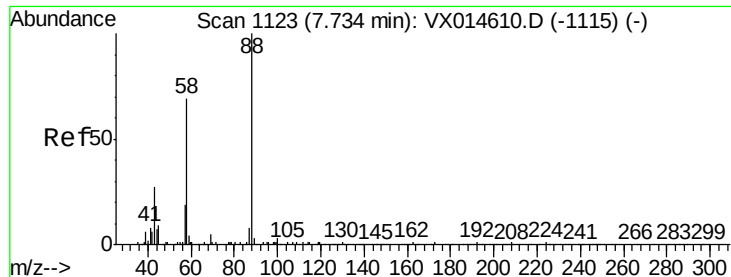
MMDadoda
1/17/2020 11:23:29 AM



#44
Isopropyl Acetate
Concen: 19.184 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion: 43 Resp: 211573
Ion Ratio Lower Upper
43 100
61 20.3 15.9 23.9





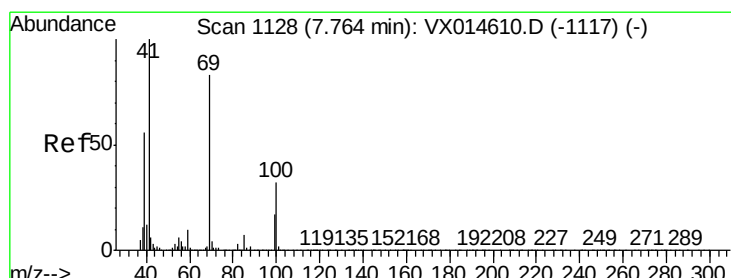
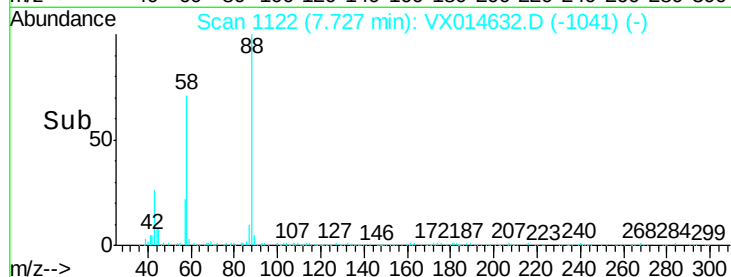
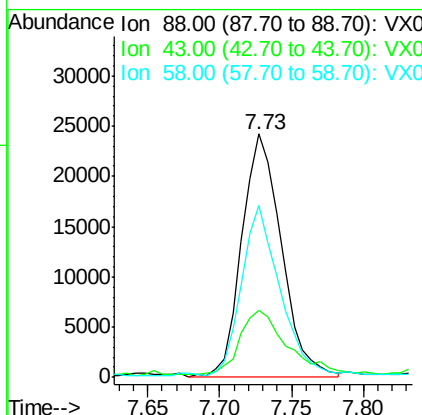
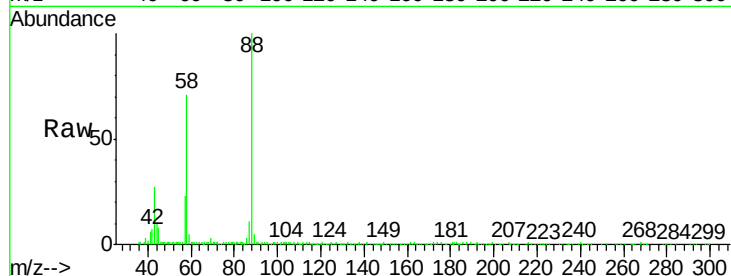
#45
1,4-Dioxane
Concen: 420.722 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	46413		
43	31.2		25.4	38.2
58	66.9		56.5	84.7

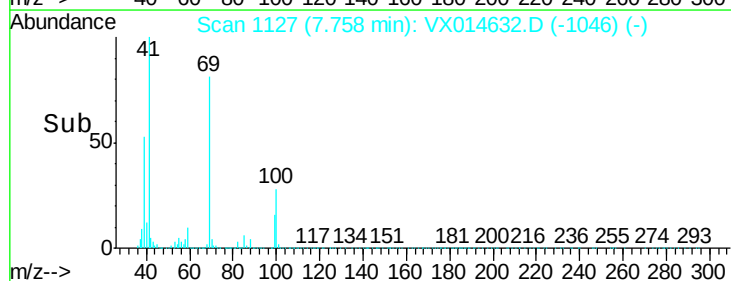
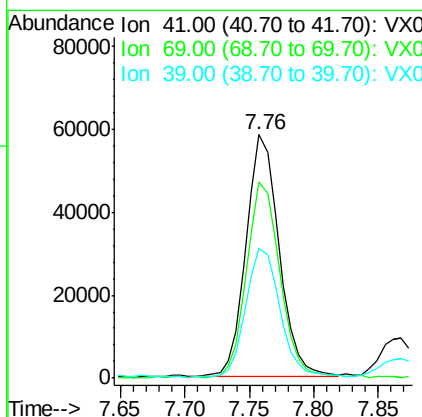
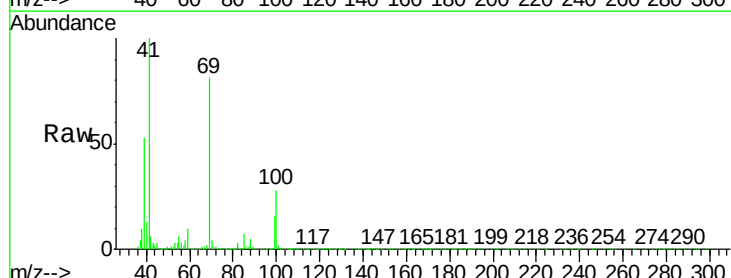
Manual Integrations
APPROVED

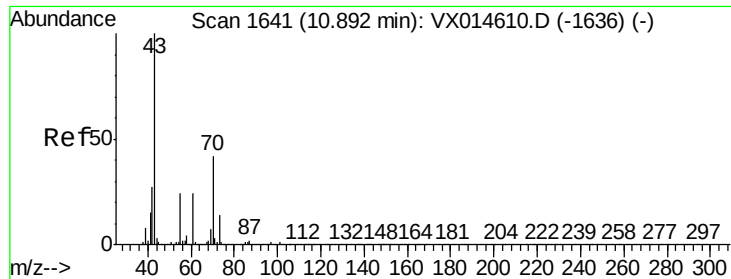
MMDadoda
1/17/2020 11:23:29 AM



#46
Methyl methacrylate
Concen: 19.245 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	104375		
69	80.6		40.6	122.0
39	53.4		27.8	83.3





#47

n-amvl Acetate

Concen: 18.787 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tot Ion: 43 Resp: 173608

Ion Ratio Lower Upper

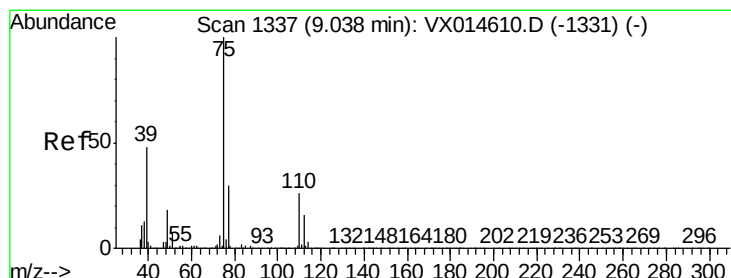
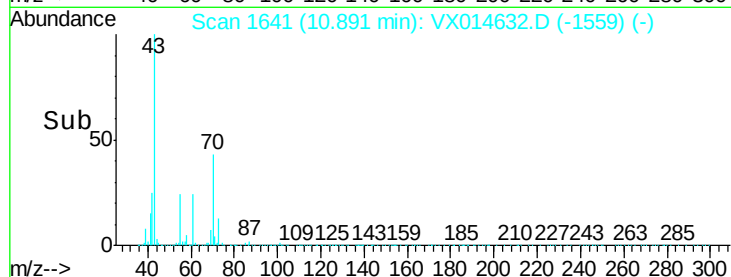
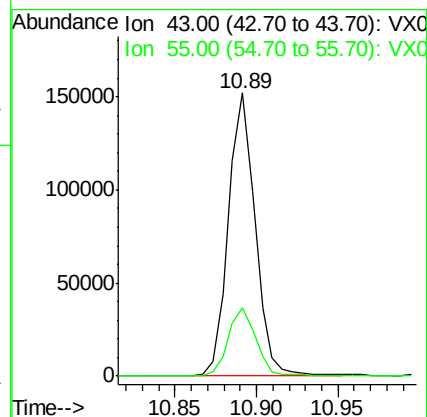
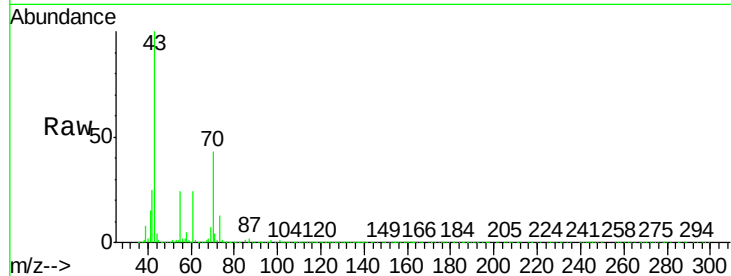
43 100

55 24.7 19.4 29.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 19.120 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014632.D

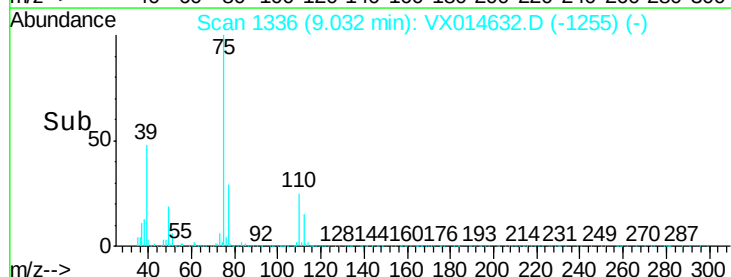
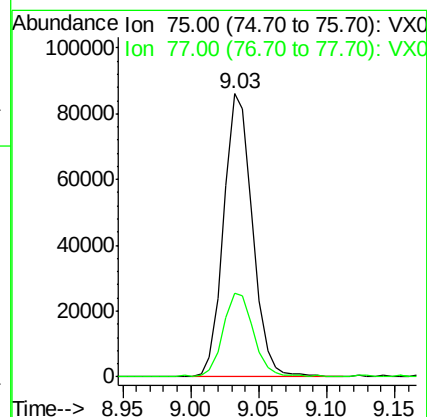
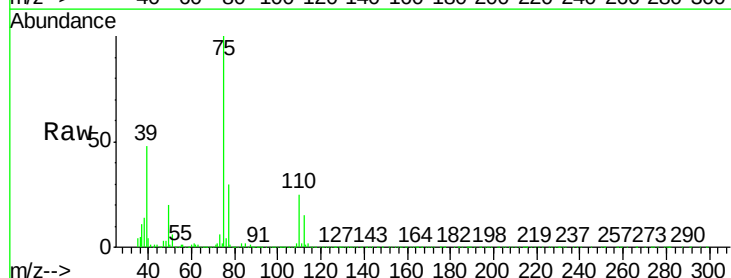
Acq: 16 Jan 2020 12:37

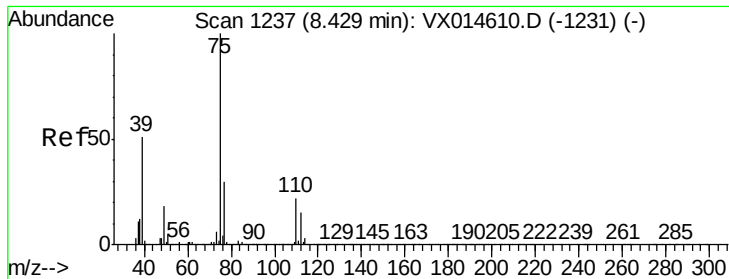
Tgt Ion: 75 Resp: 125851

Ion Ratio Lower Upper

75 100

77 29.4 26.0 39.0





#49

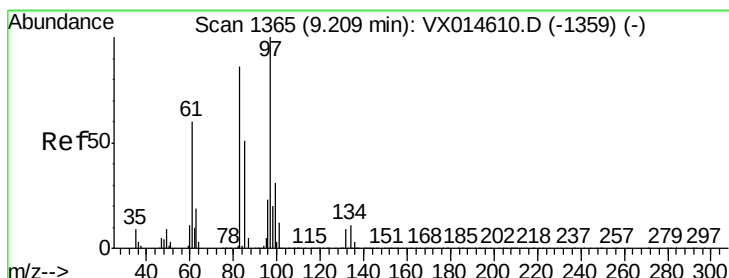
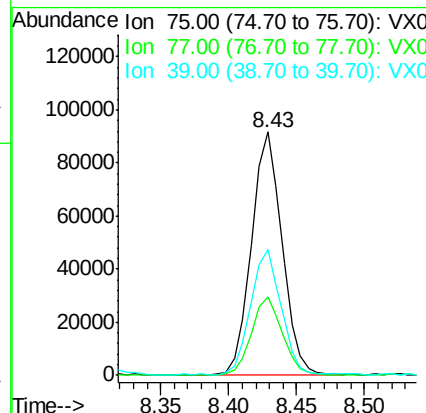
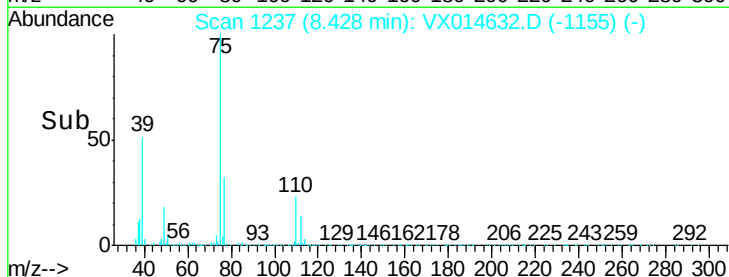
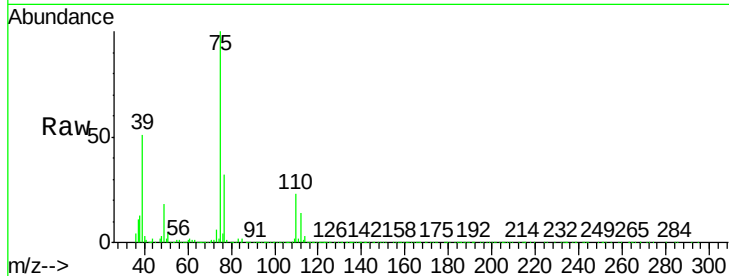
cis-1,3-Dichloropropene
Concen: 19.322 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion:	75	Resp:	143306
Ion Ratio	Lower	Upper	
75	100		
77	32.2	24.8	37.2
39	51.2	41.1	61.7

Manual Integrations
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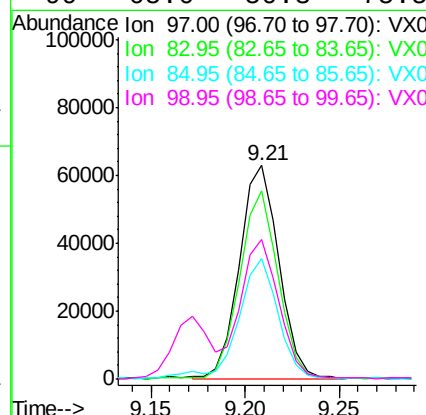
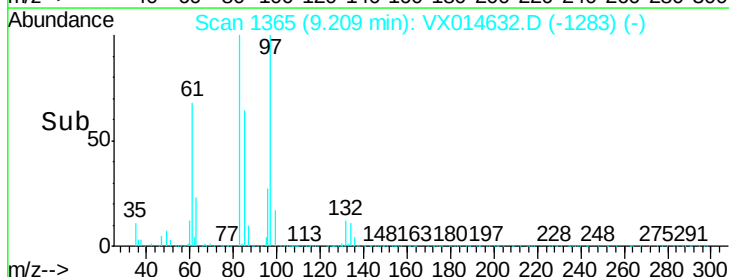
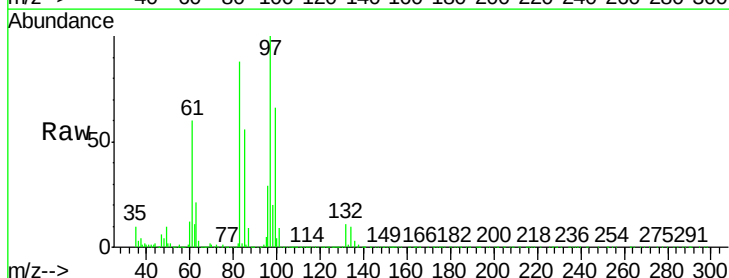
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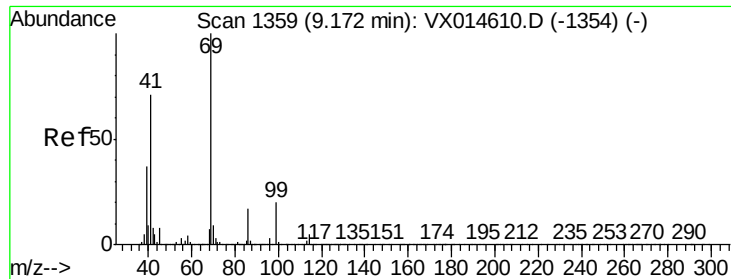


#50

1,1,2-Trichloroethane
Concen: 19.472 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion:	97	Resp:	91220
Ion Ratio	Lower	Upper	
97	100		
83	87.6	68.1	102.1
85	56.3	42.7	64.1
99	65.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.985 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

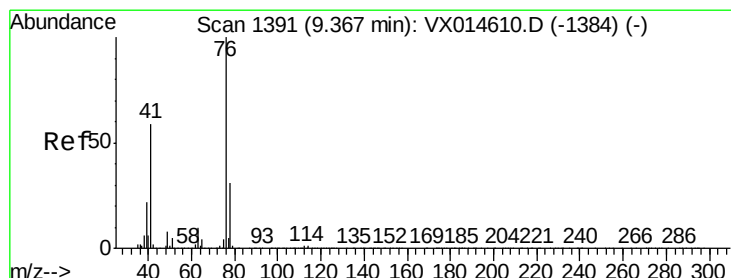
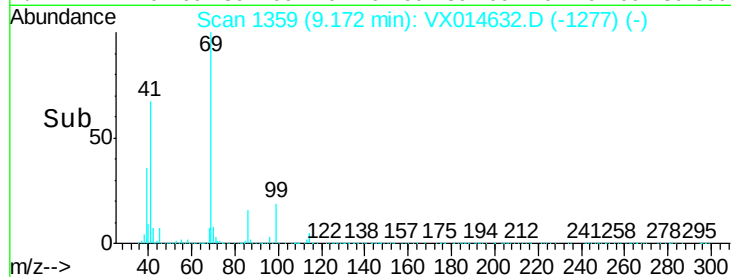
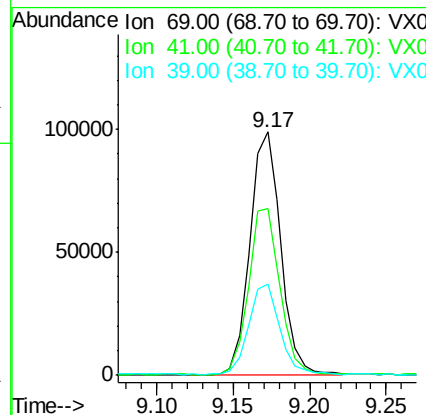
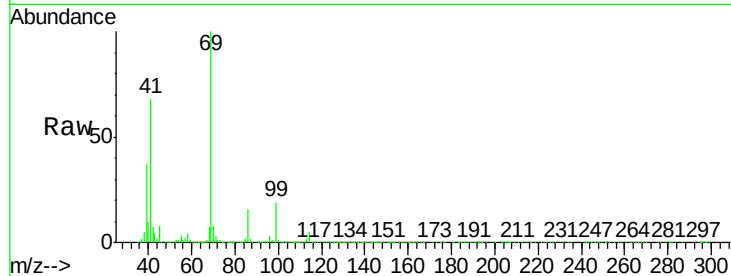
ClientSampleId :

VX0116WBS01

Tot Ion:	69	Resp:	138476
Ion Ratio	Lower	Upper	
69	100		
41	68.1	35.4	106.1
39	37.0	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.844 ug/l

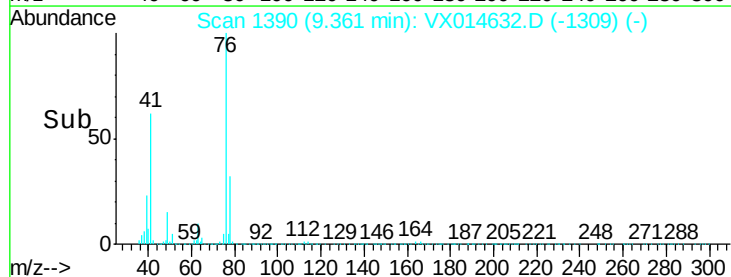
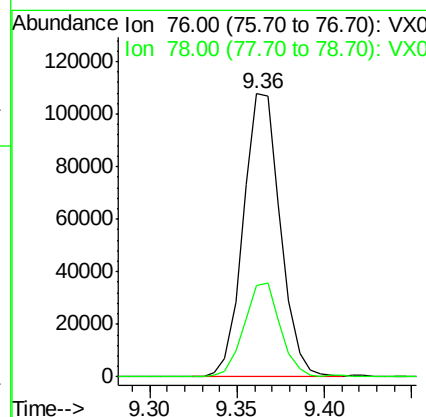
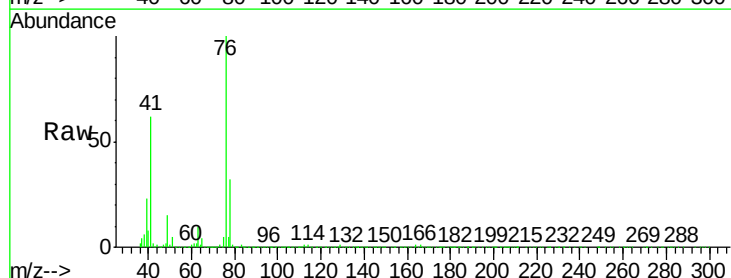
RT: 9.36 min Scan# 1390

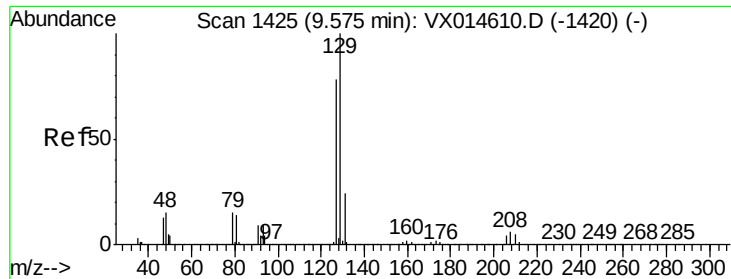
Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	76	Resp:	157507
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	63.4





#53

Dibromochloromethane

Concen: 19.074 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tot Ion:129 Resp: 91396

Ion Ratio Lower Upper

129 100

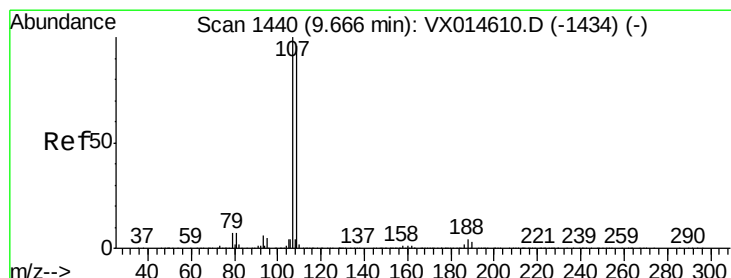
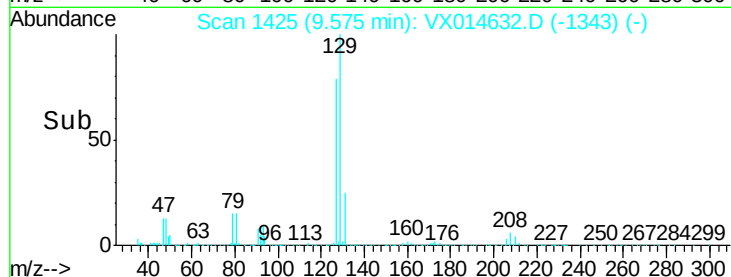
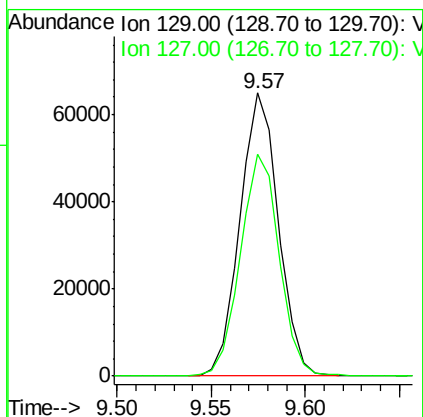
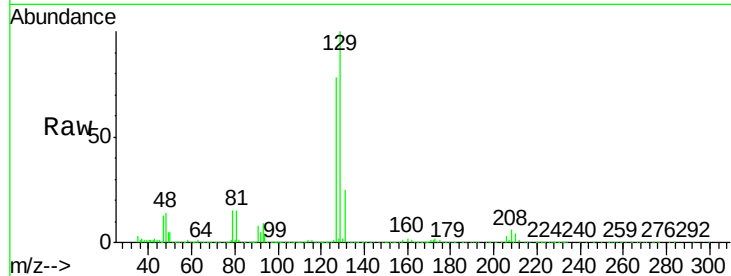
127 79.0 39.1 117.5

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.736 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014632.D

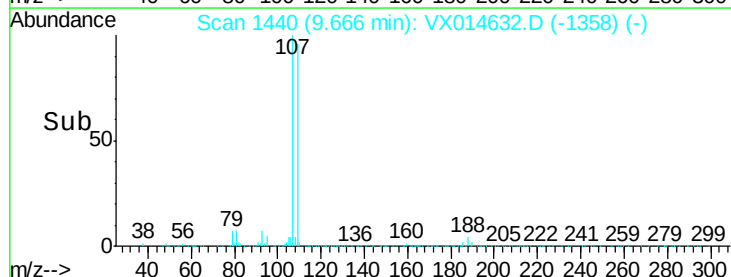
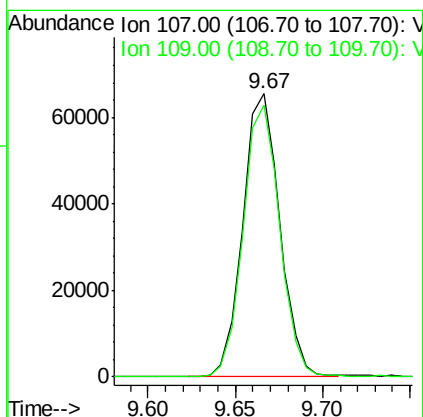
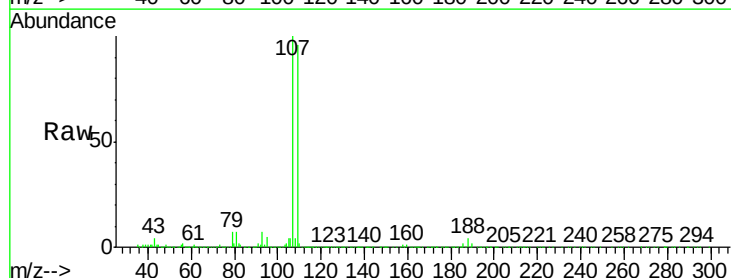
Acq: 16 Jan 2020 12:37

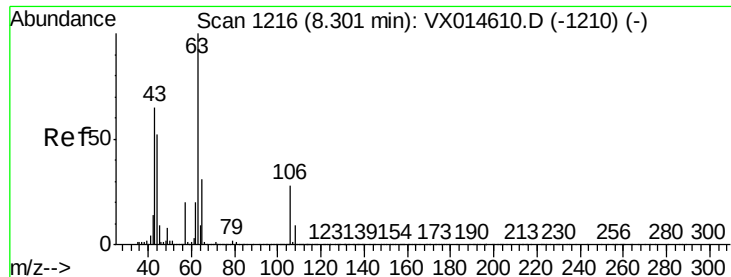
Tgt Ion:107 Resp: 95885

Ion Ratio Lower Upper

107 100

109 95.2 77.2 115.8





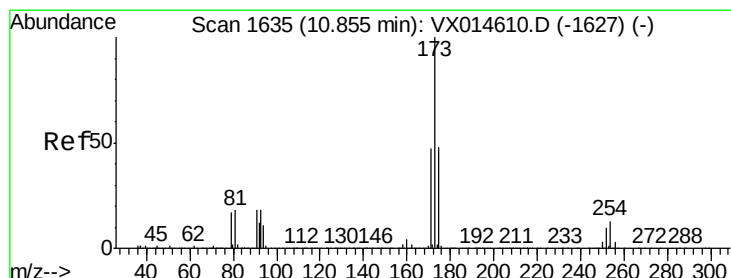
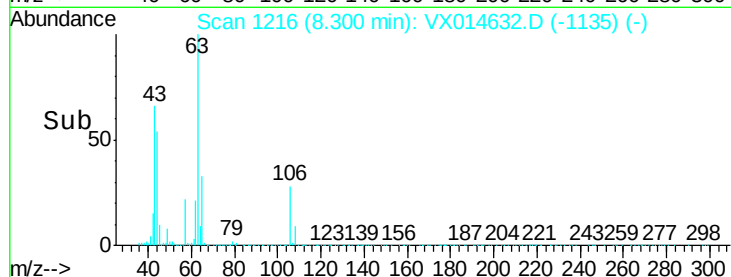
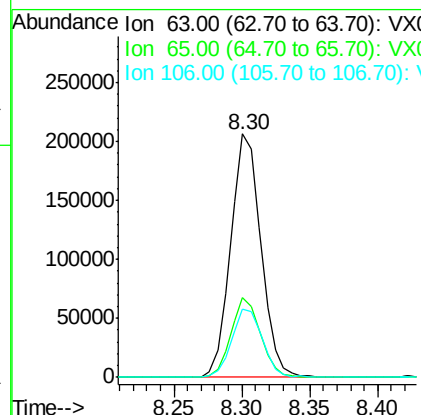
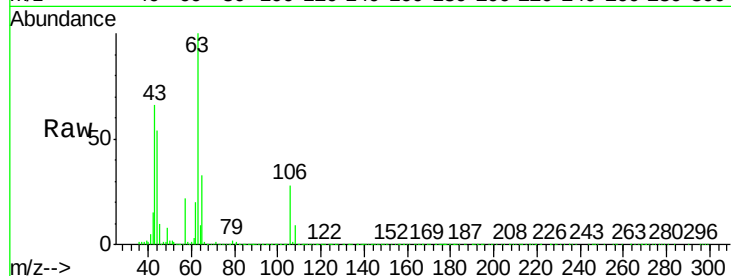
#55
2-Chloroethyl vinyl ether
Concen: 94.706 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.8	38.6
106	28.5	22.9	34.3

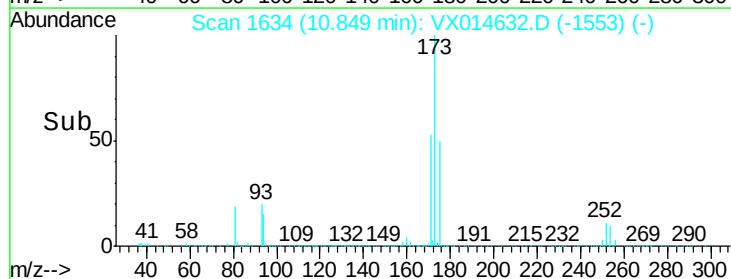
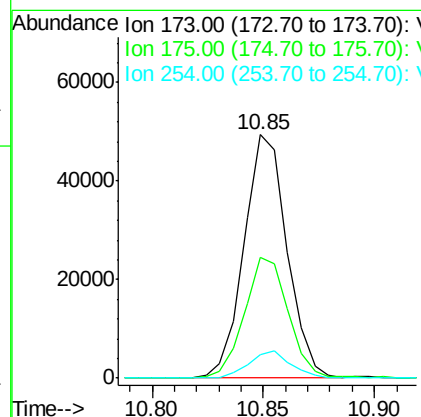
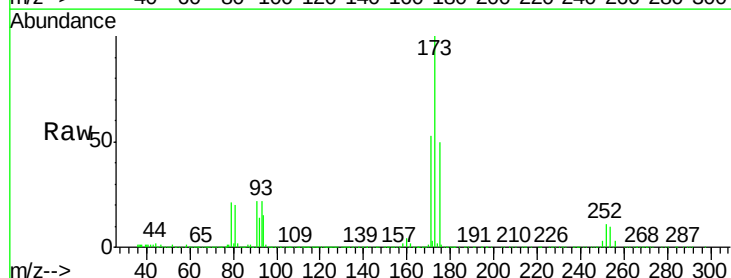
Manual Integrations
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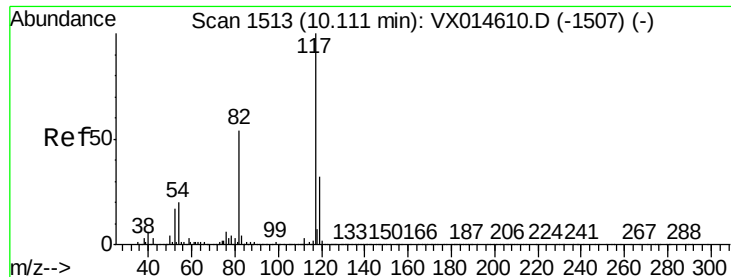
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#56
Bromoform
Concen: 18.089 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.8	39.5	59.3
254	10.7	8.2	12.4





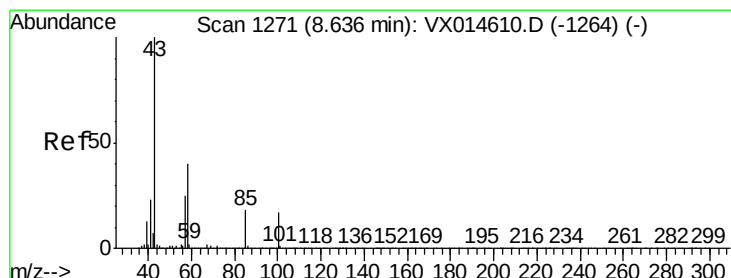
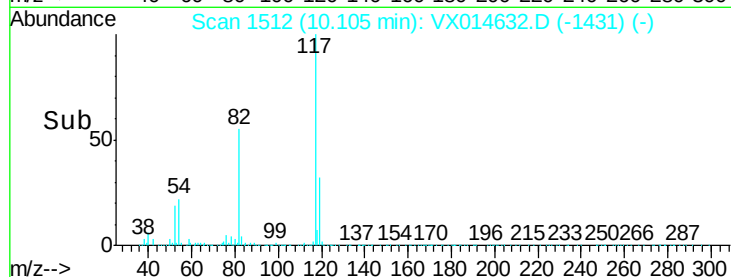
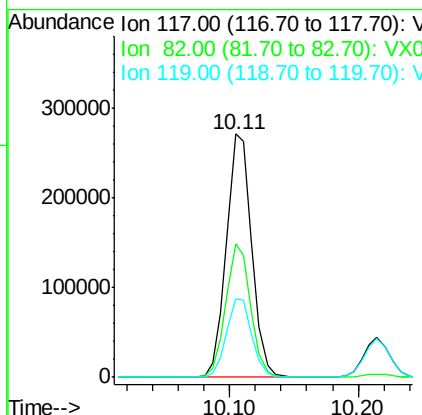
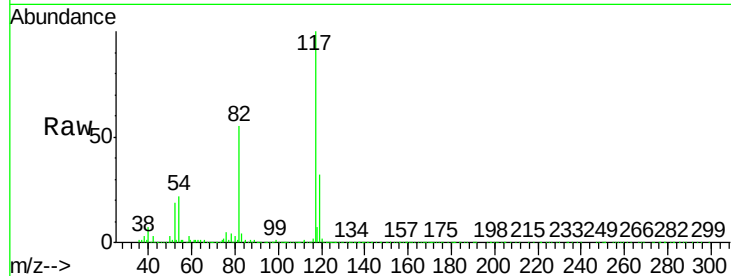
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.6
119	32.3	25.8	38.6

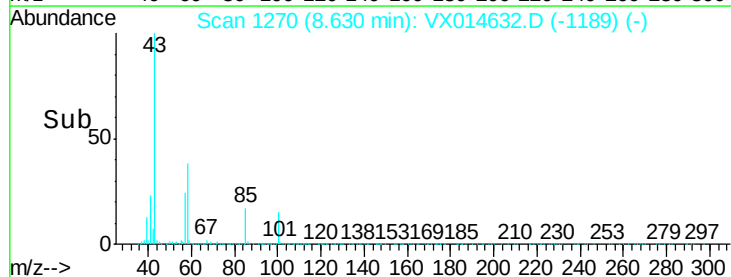
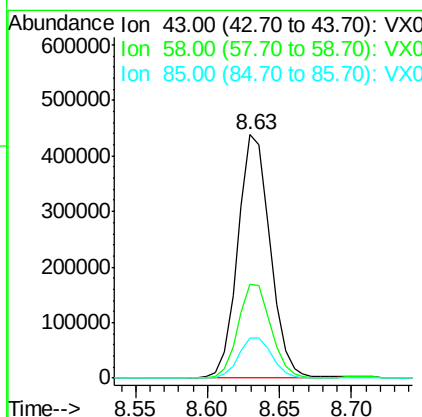
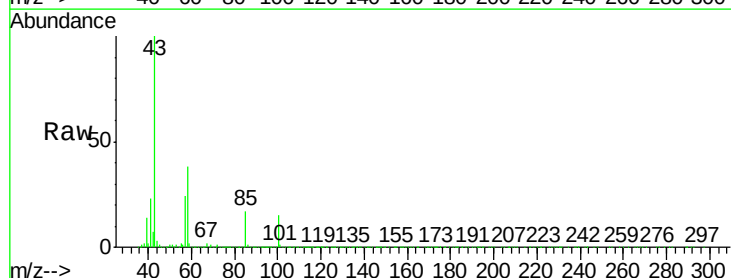
Manual Integrations
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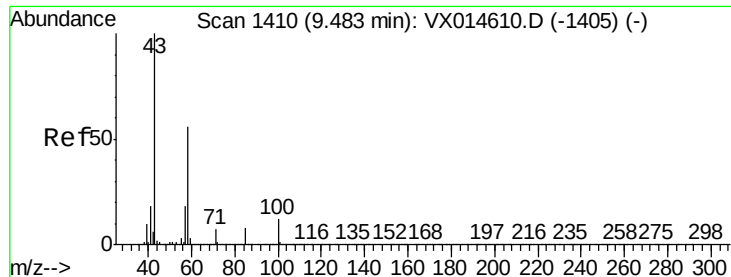
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#58
4-Methyl-2-Pentanone
Concen: 96.265 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.2	46.8
85	17.1	14.2	21.2





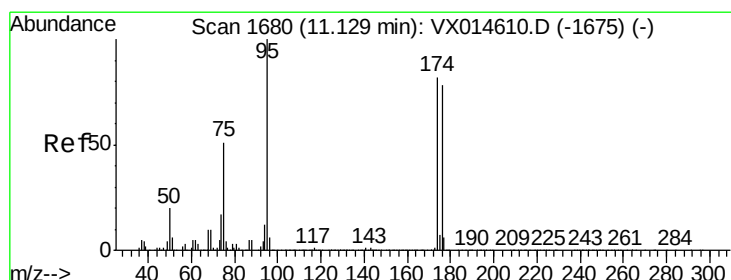
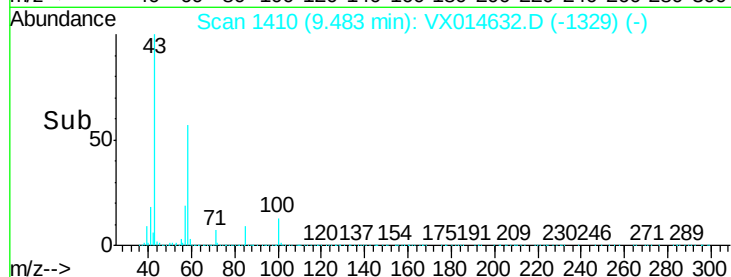
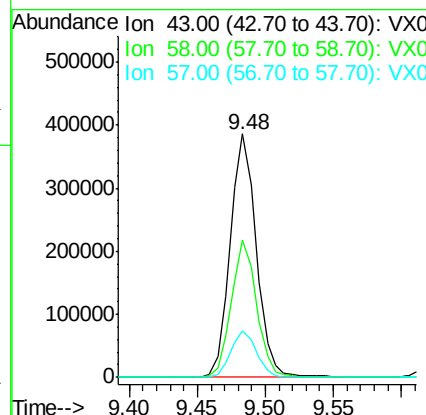
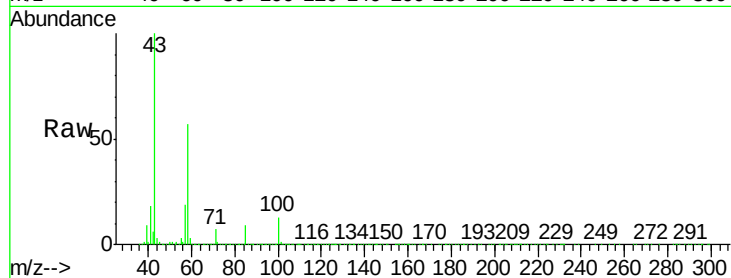
#59
2-Hexanone
Concen: 93.307 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	19.0	15.4	23.0

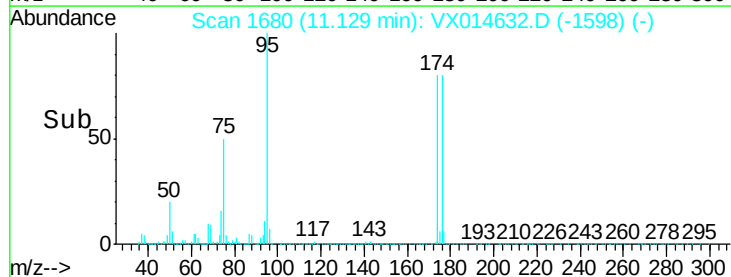
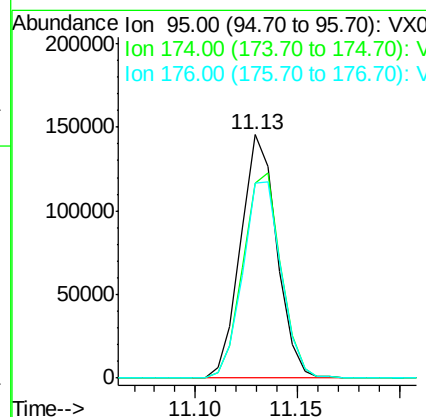
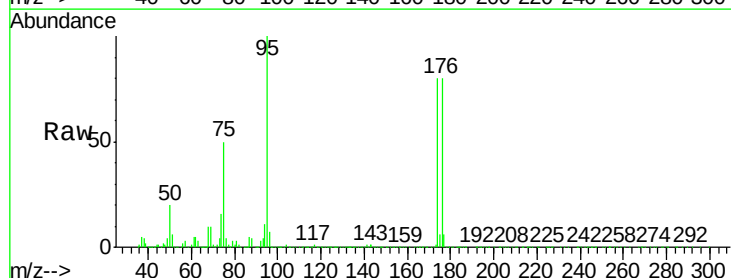
Manual Integrations
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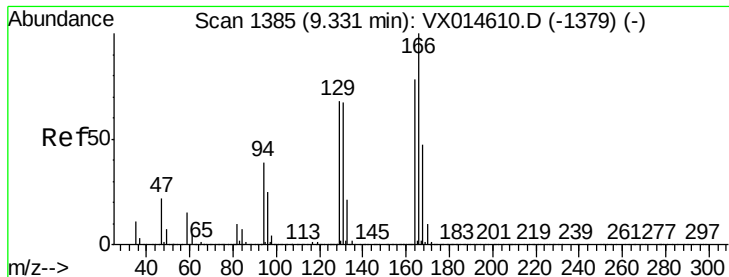
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#60
4-Bromofluorobenzene
Concen: 29.612 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	70.2	105.2
176	86.1	68.3	102.5





#61

Tetrachloroethene

Concen: 19.726 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

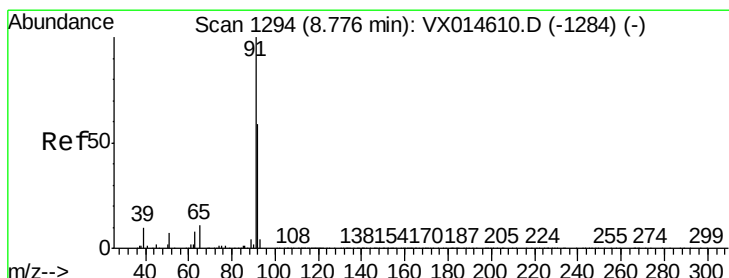
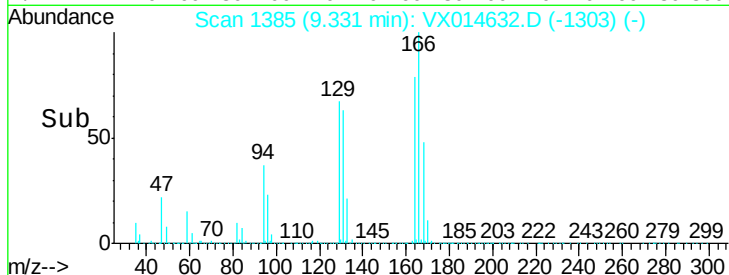
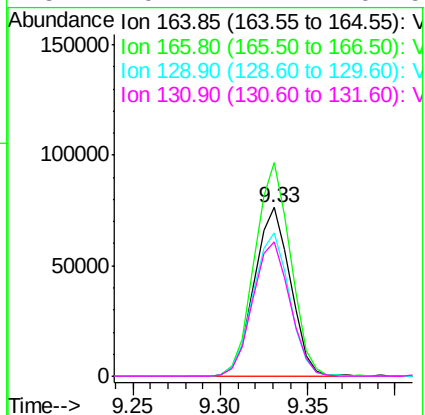
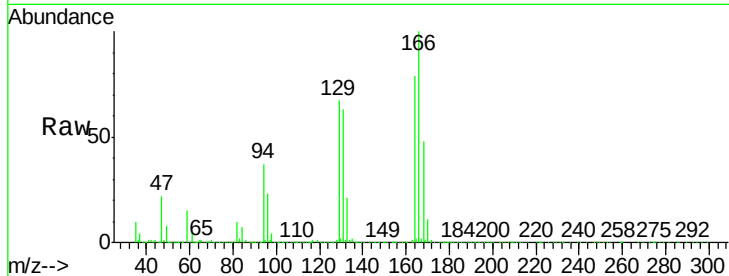
ClientSampleId :

VX0116WBS01

Tot Ion:	164	Resp:	109908
Ion Ratio	Lower	Upper	
164	100		
166	126.4	104.2	156.2
129	84.7	71.6	107.4
131	79.4	71.7	107.5

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#62

Toluene

Concen: 19.262 ug/l

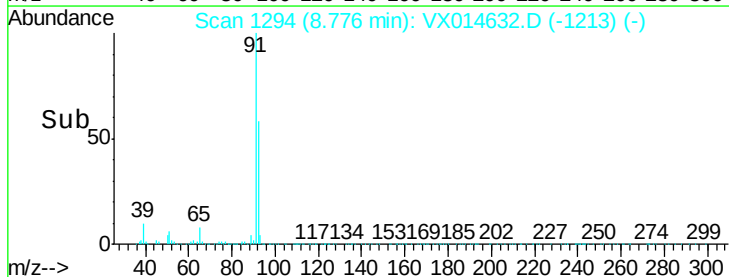
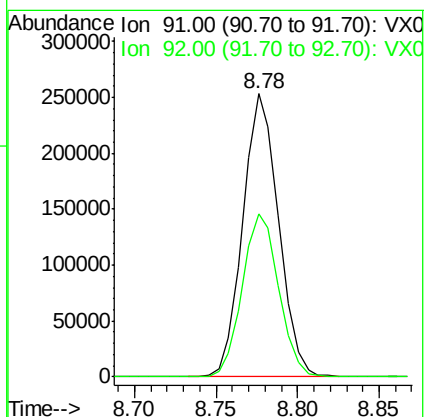
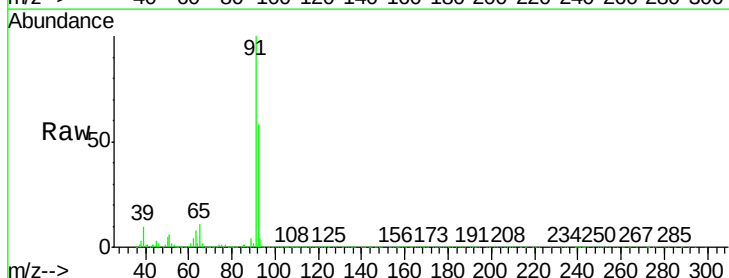
RT: 8.78 min Scan# 1294

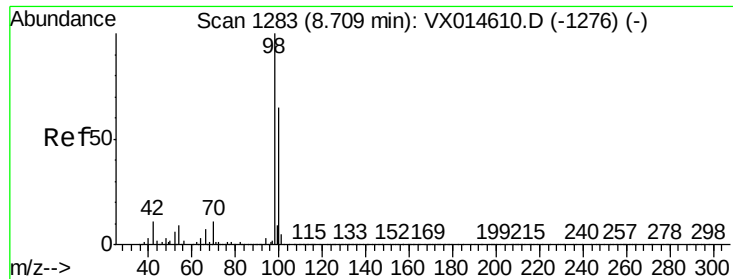
Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	91	Resp:	385237
Ion Ratio	Lower	Upper	
91	100		
92	59.0	46.4	69.6





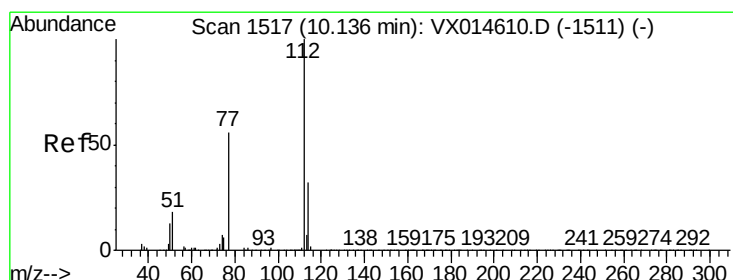
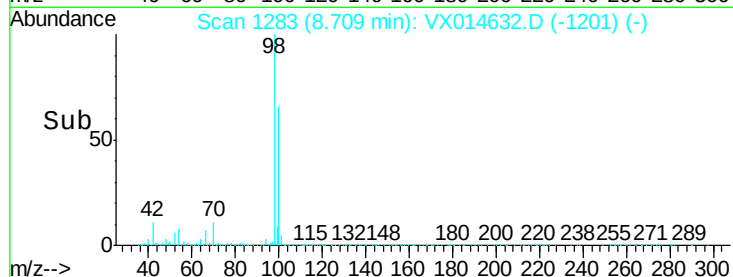
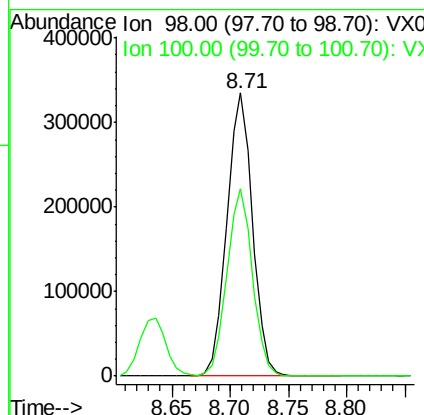
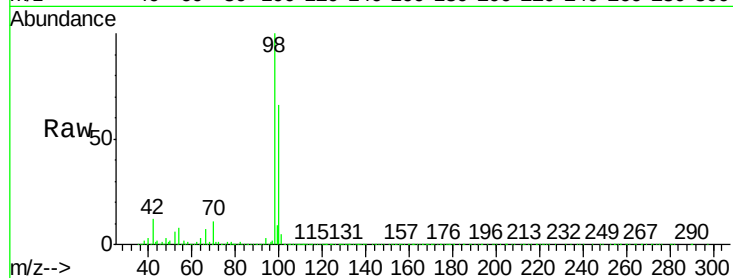
#63
Toluene-d8
Concen: 29.951 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

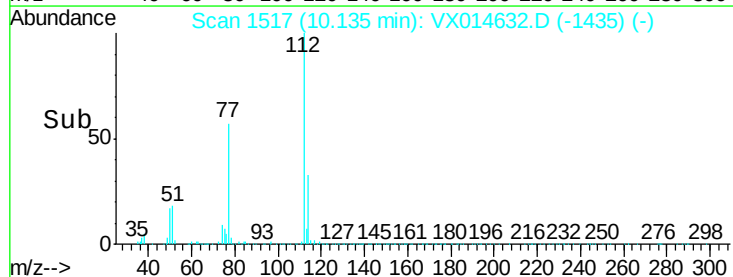
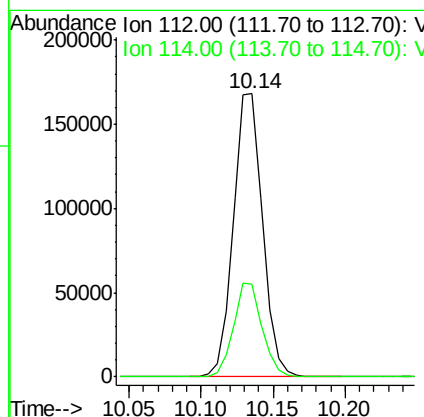
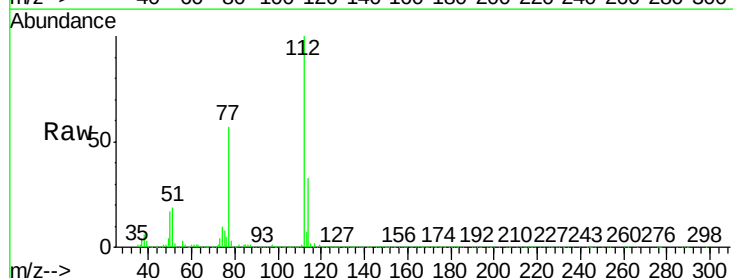
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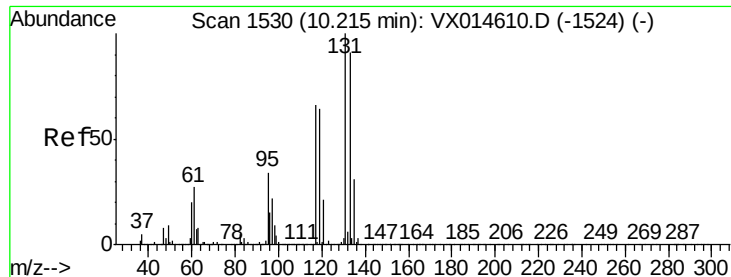
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#64
Chlorobenzene
Concen: 19.138 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	24.4	36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.040 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

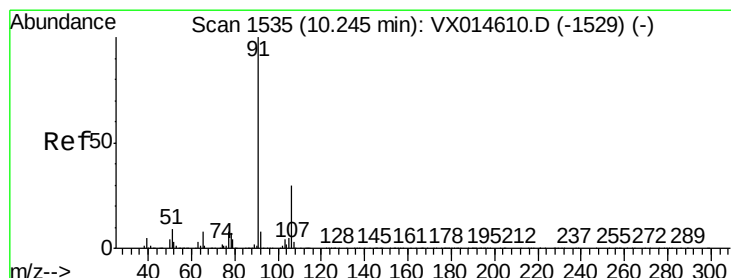
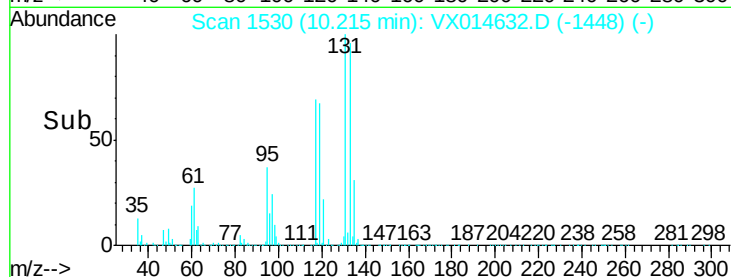
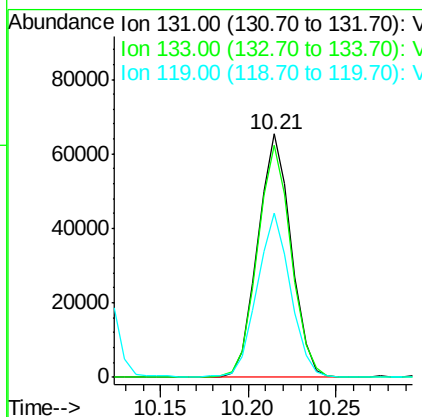
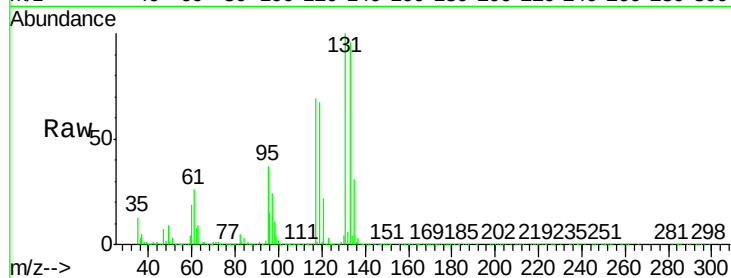
ClientSampleId :

VX0116WBS01

Tot Ion:	131	Resp:	87796
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	189.8
119	66.8	0.0	132.2

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#66

Ethyl Benzene

Concen: 19.594 ug/l

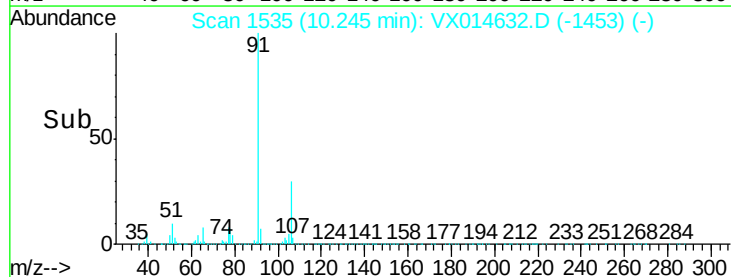
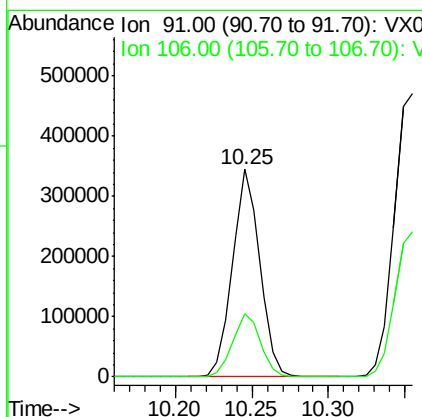
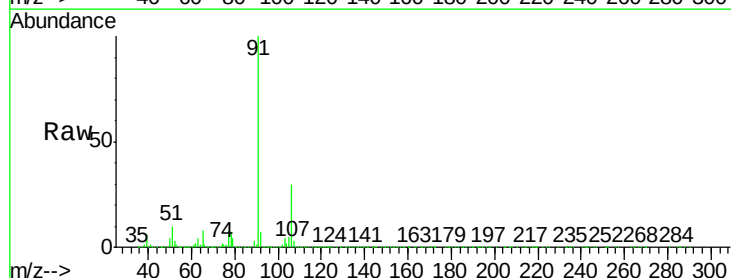
RT: 10.25 min Scan# 1535

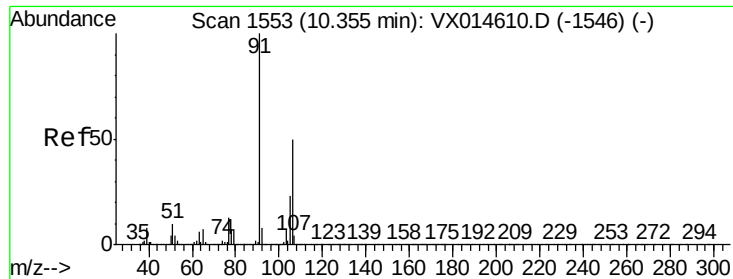
Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	91	Resp:	426827
Ion Ratio	Lower	Upper	
91	100		
106	30.3	24.2	36.2





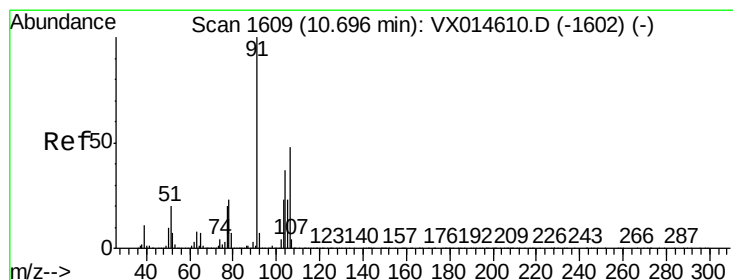
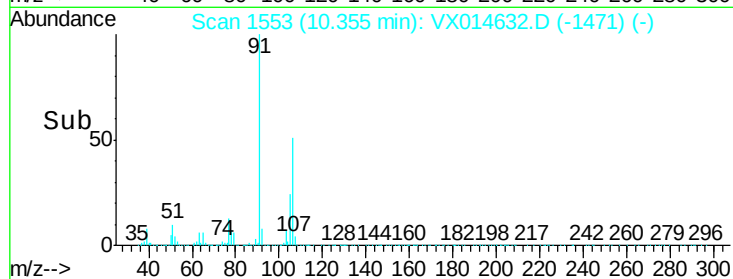
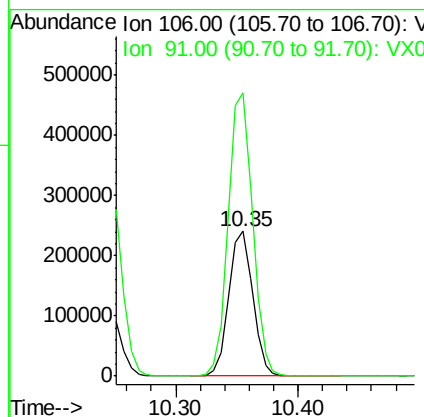
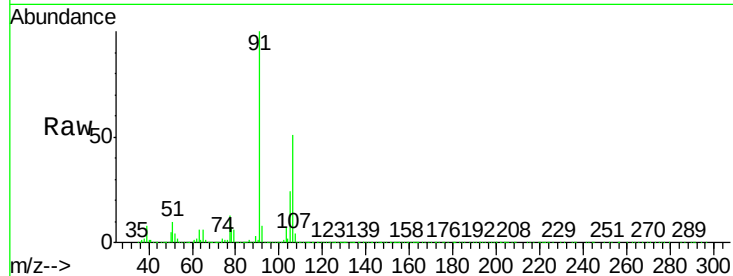
#67
m/p-Xylenes
Concen: 39.042 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampled :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.7	159.3	238.9

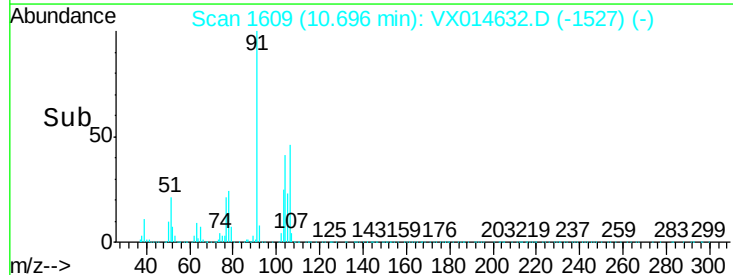
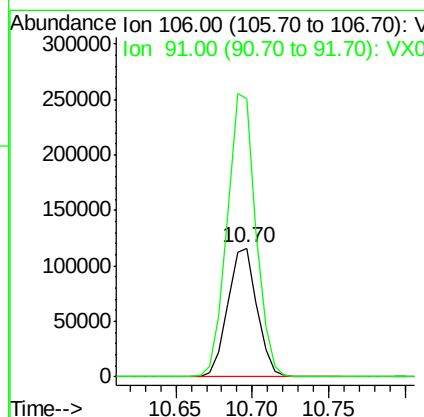
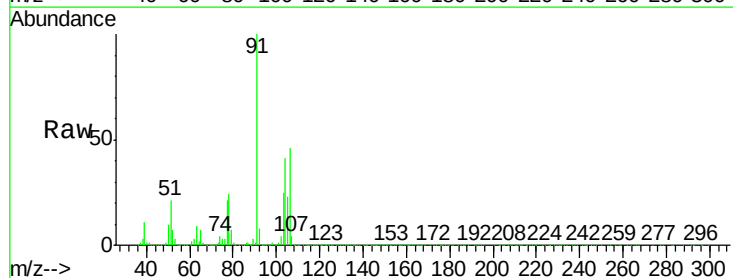
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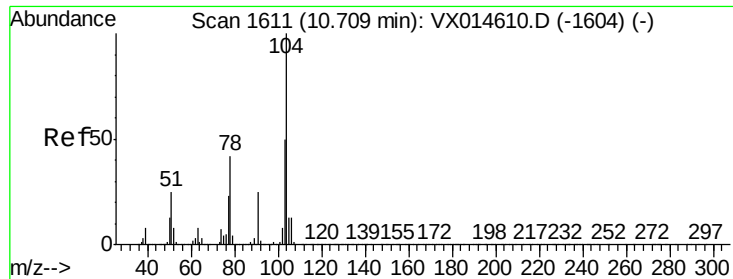
MMDadoda
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#68
o-Xylene
Concen: 19.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.4	104.8	314.6





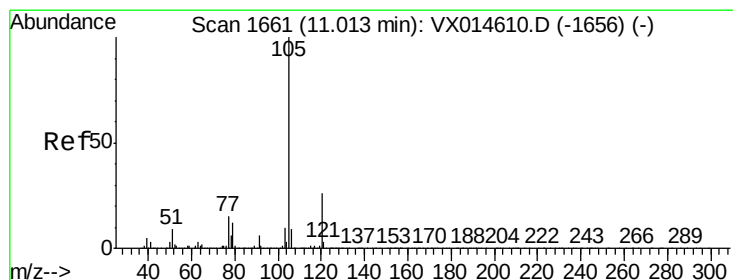
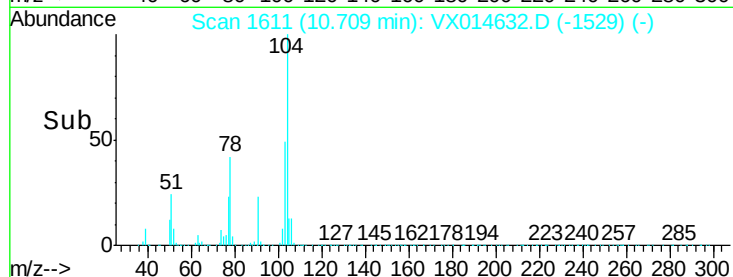
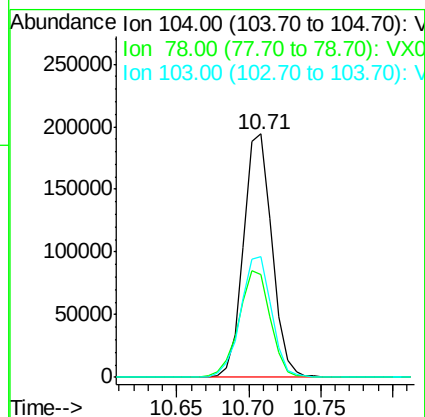
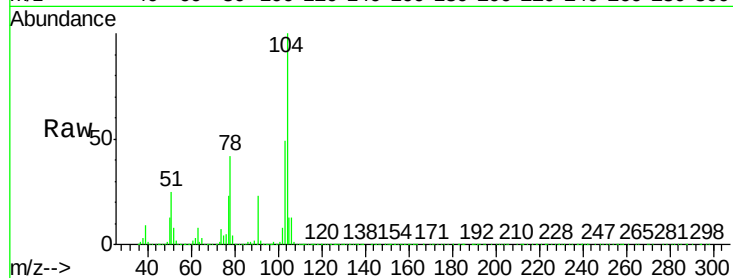
#69
Stvrene
Concen: 19.221 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		264613		
78	48.7	38.9	58.3		
103	54.1	44.2	66.2		

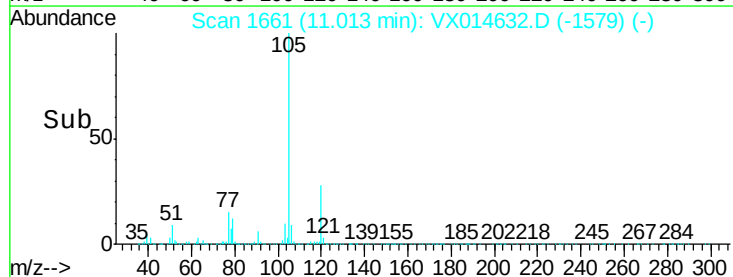
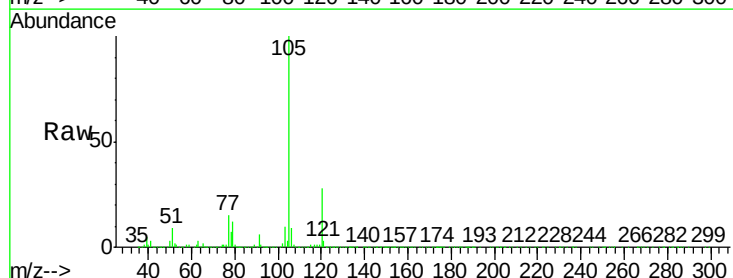
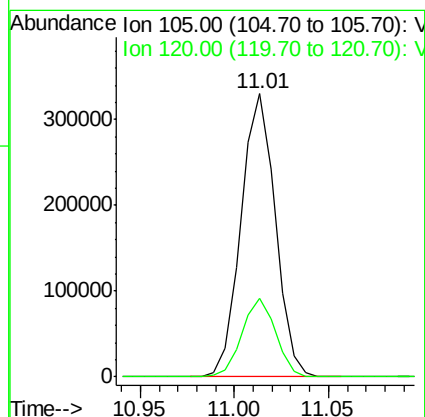
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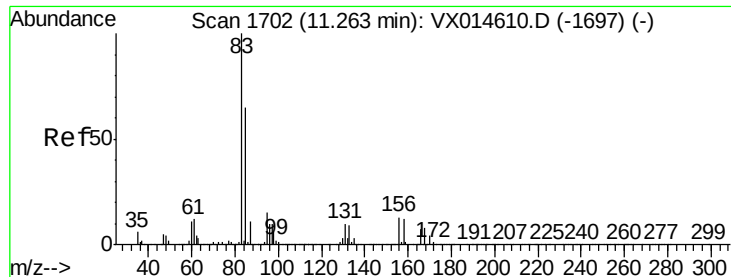
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#70
Isopropylbenzene
Concen: 19.564 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		416436		
120	27.5	19.1	35.5		





#71

1,1,2,2-Tetrachloroethane

Concen: 18.893 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

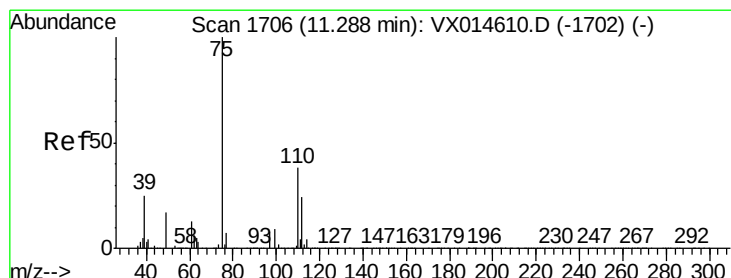
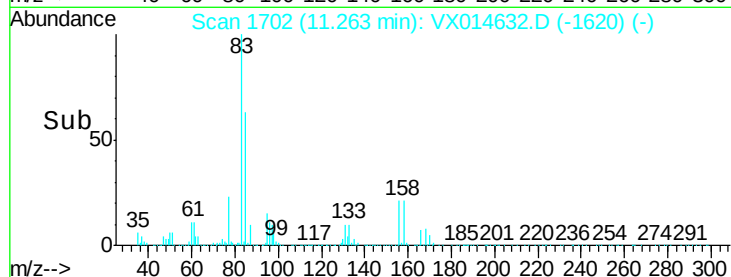
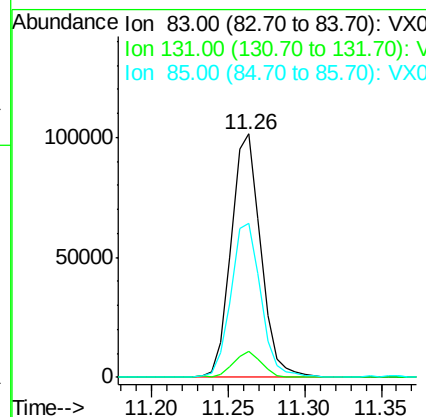
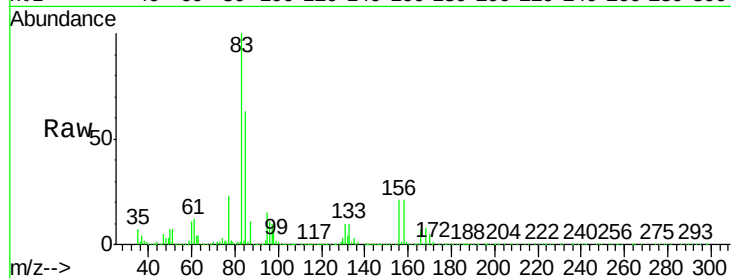
ClientSampled :

VX0116WBS01

Tot Ion:	83	Resp:	135468
Ion Ratio	Lower	Upper	
83	100		
131	10.5	4.9	14.7
85	64.0	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 19.070 ug/l m

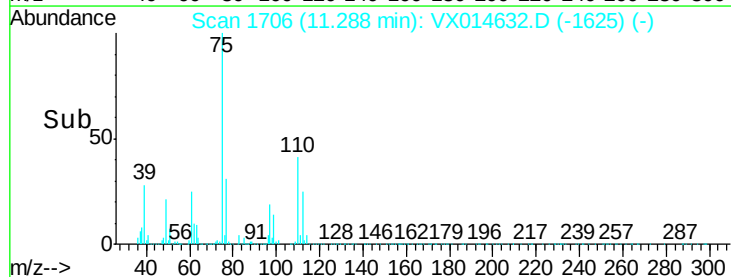
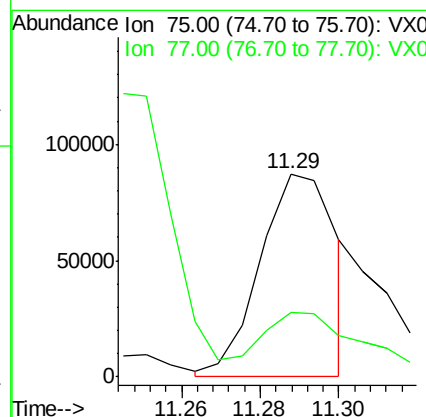
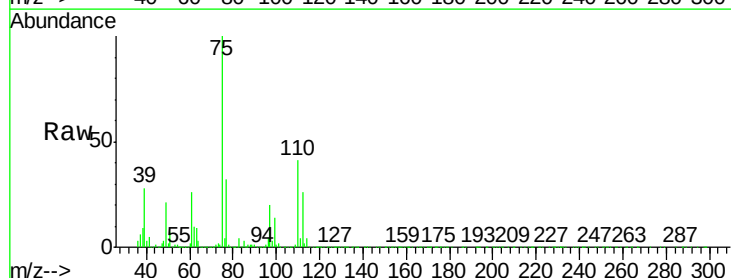
RT: 11.29 min Scan# 1706

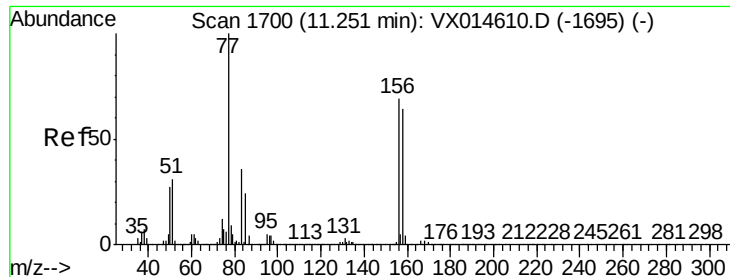
Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	75	Resp:	116959
Ion Ratio	Lower	Upper	
75	100		
77	42.8	0.0	68.4





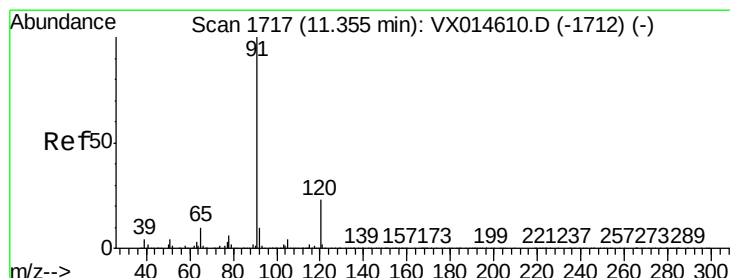
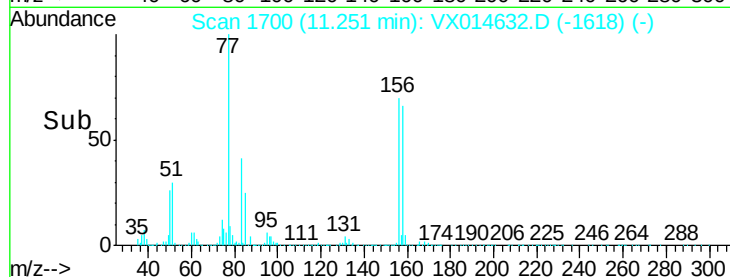
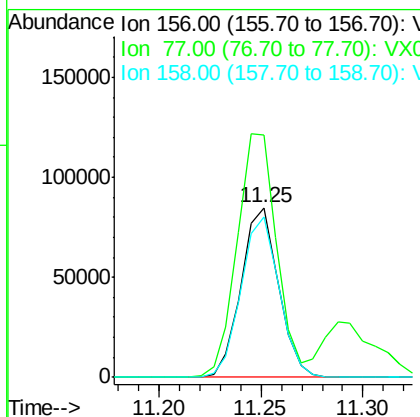
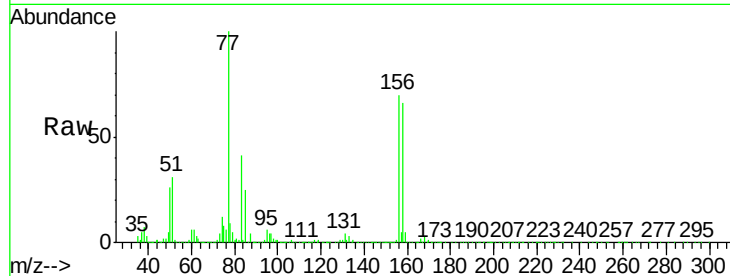
#73
Bromobenzene
Concen: 19.239 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.4	0.0	304.6
158	96.2	0.0	195.2

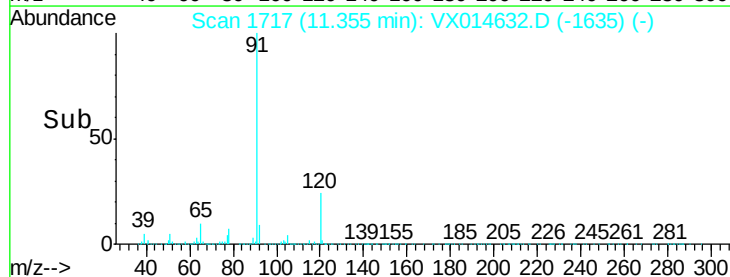
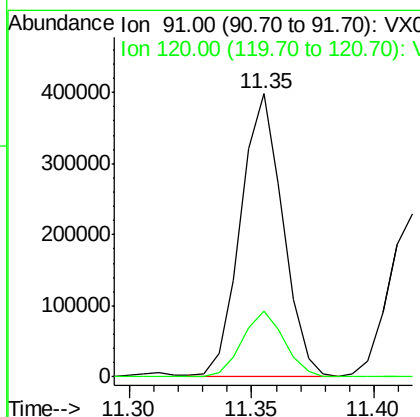
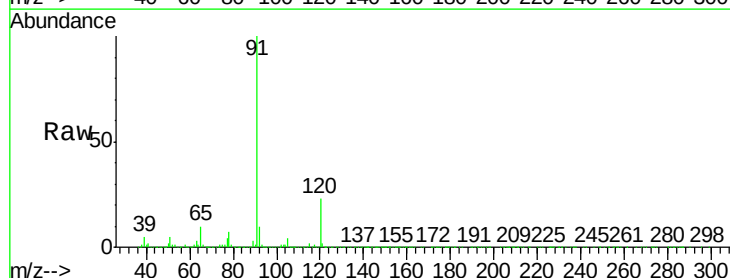
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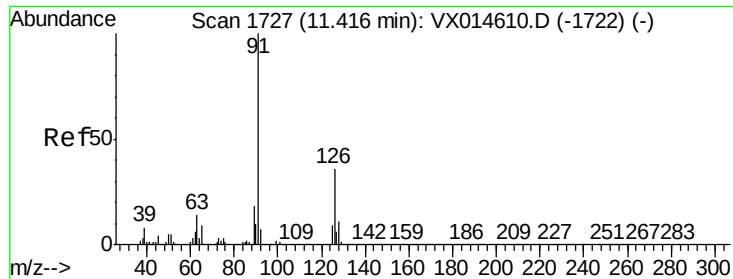
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#74
n-propylbenzene
Concen: 19.556 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.341 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0116WBS01

Tot Ion: 91 Resp: 281943

Ion Ratio Lower Upper

91 100

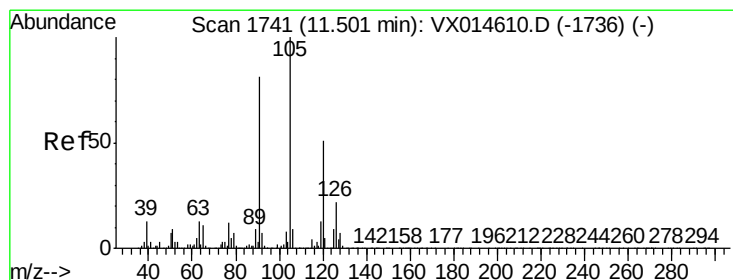
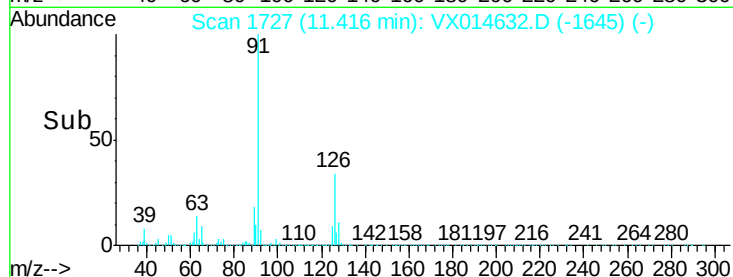
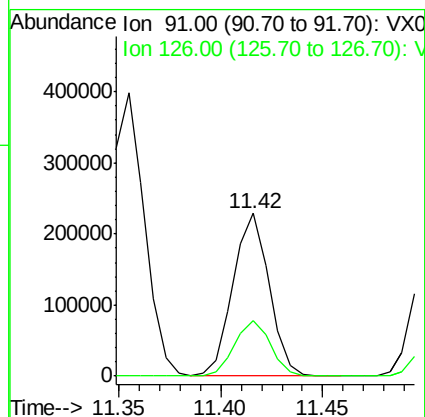
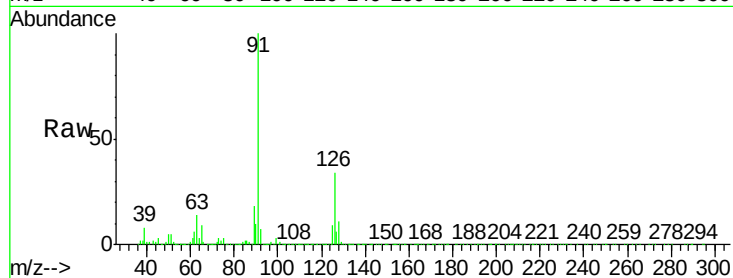
126 34.2 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 19.397 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014632.D

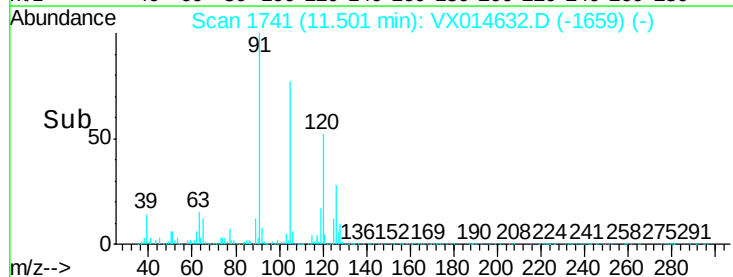
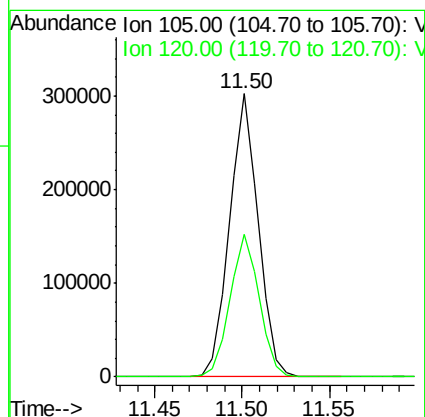
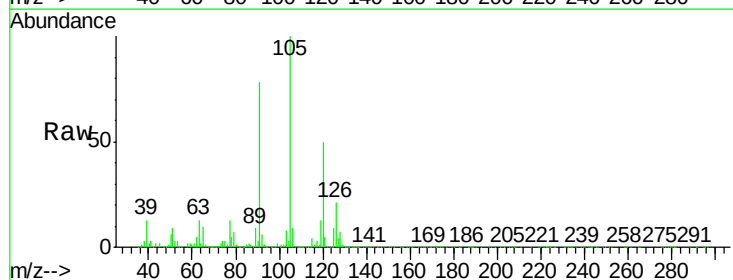
Acq: 16 Jan 2020 12:37

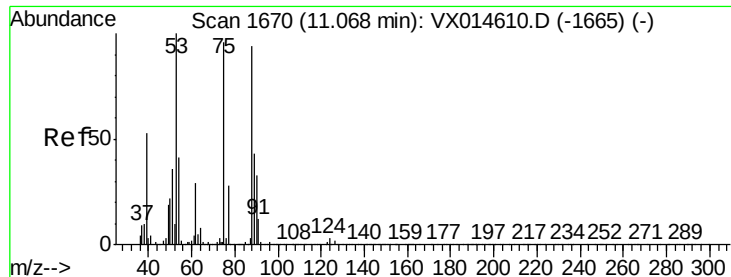
Tgt Ion: 105 Resp: 344036

Ion Ratio Lower Upper

105 100

120 51.1 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.331 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

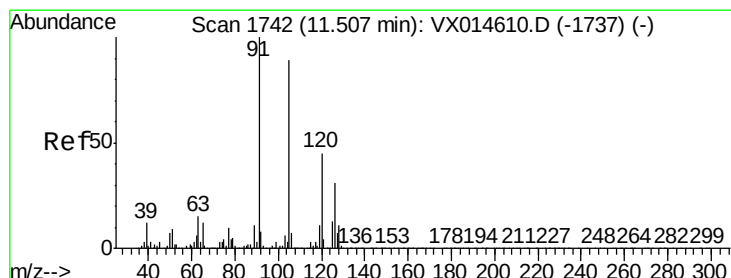
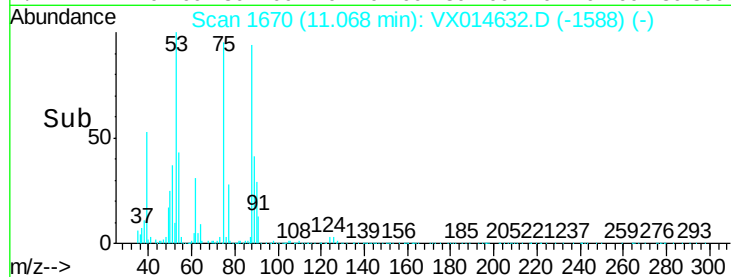
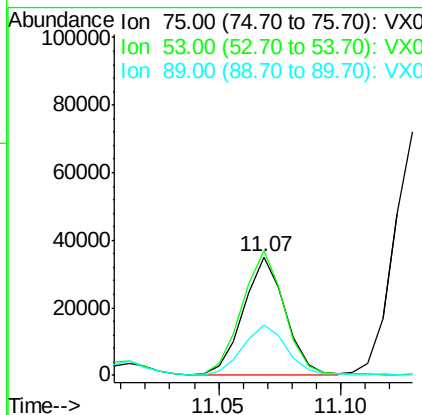
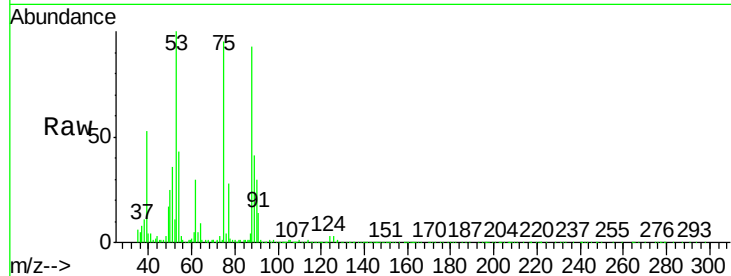
ClientSampled :

VX0116WBS01

Tot Ion:	75	Resp:	40909
Ion Ratio	Lower	Upper	
75	100		
53	105.4	54.4	163.1
89	42.3	21.9	65.5

Manual Integrations
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1/17/2020 11:23:29 AM



#78

4-Chlorotoluene

Concen: 19.531 ug/l

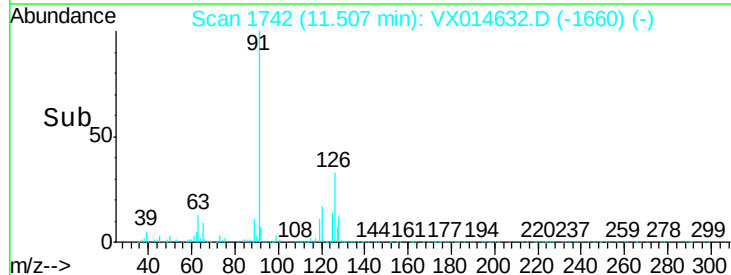
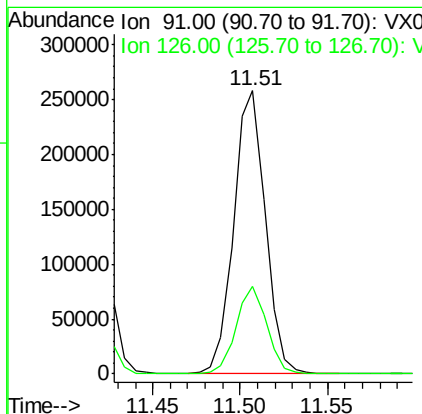
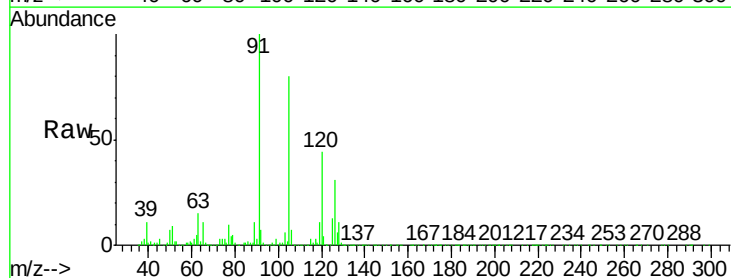
RT: 11.51 min Scan# 1742

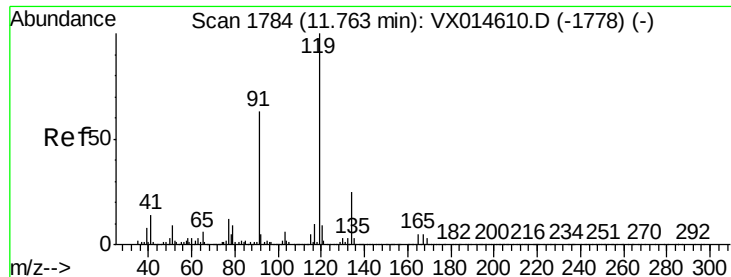
Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion:	91	Resp:	323339
Ion Ratio	Lower	Upper	
91	100		
126	30.1	0.0	59.6





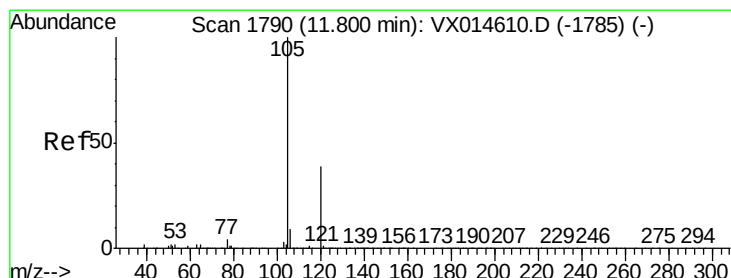
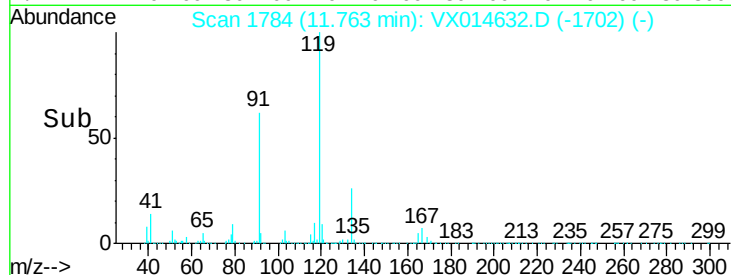
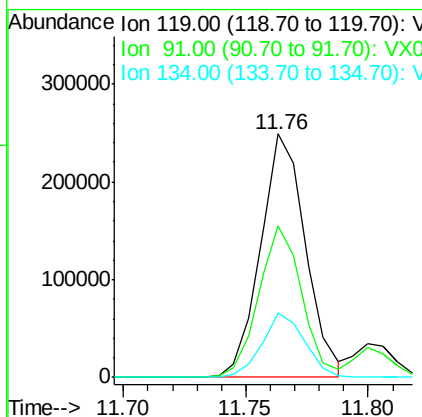
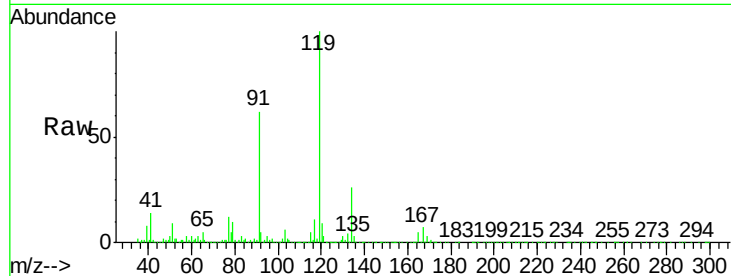
#79
tert-butylbenzene
Concen: 19.185 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	318396		
91	59.5	0.0	112.6	
134	25.2	0.0	49.8	

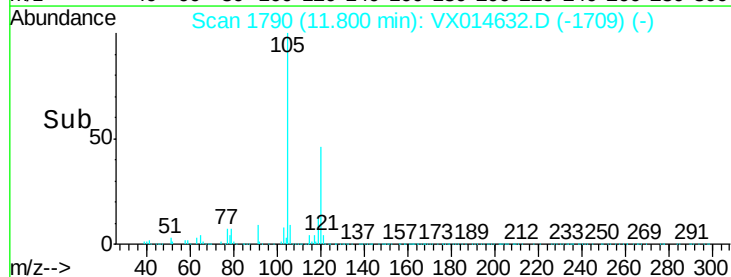
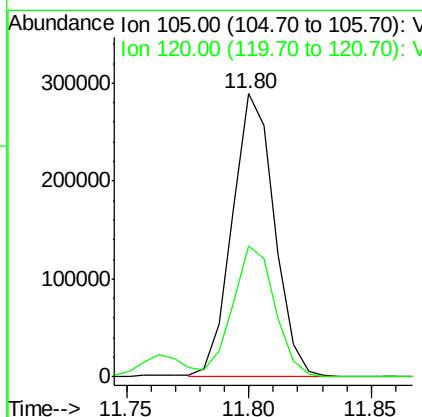
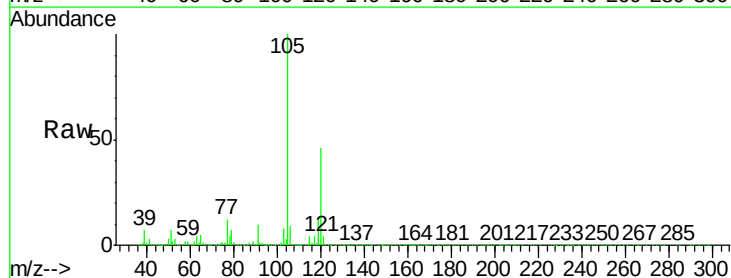
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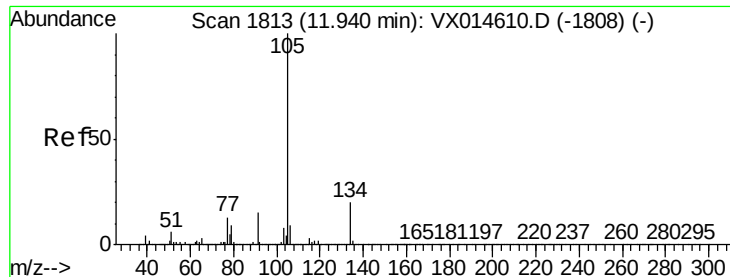
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#80
1,2,4-Trimethylbenzene
Concen: 19.384 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342919		
120	46.5	0.0	92.0	





#81

sec-Butylbenzene

Concen: 19.516 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0116WBS01

Tot Ion:105 Resp: 400798

Ion Ratio Lower Upper

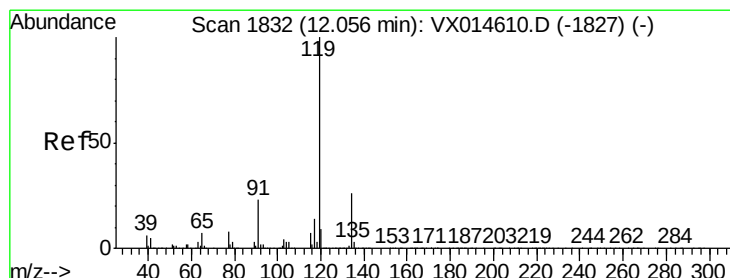
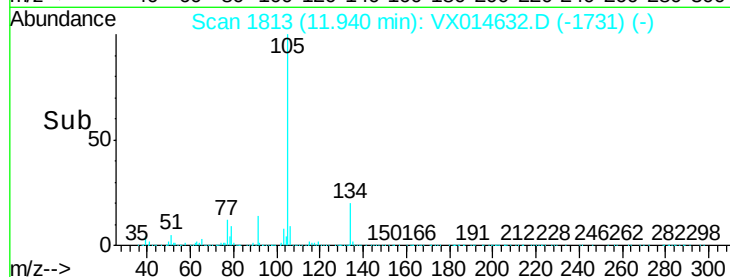
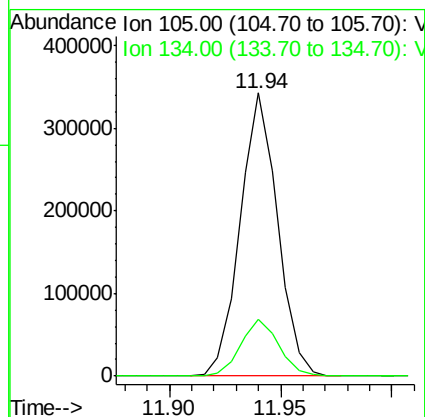
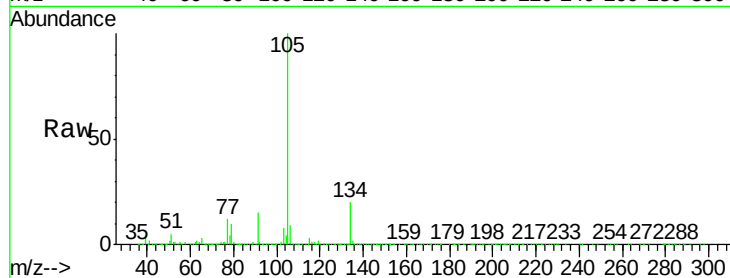
105 100

134 20.4 0.0 40.2

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#82

p-Isopropyltoluene

Concen: 19.399 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

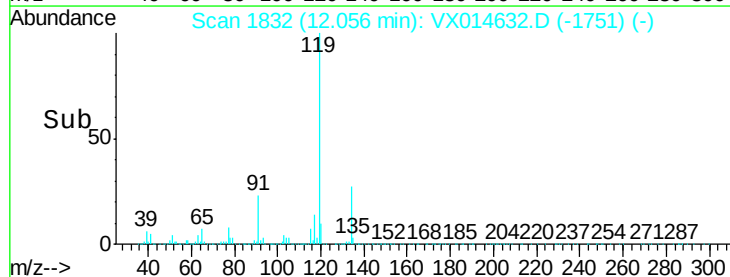
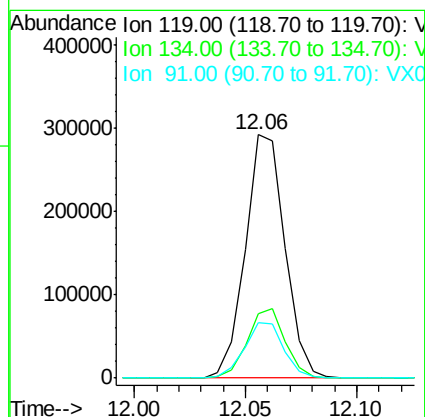
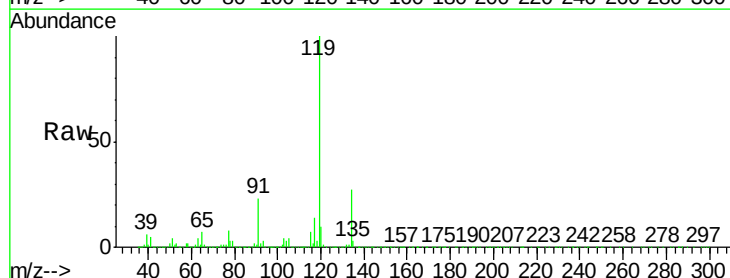
Tgt Ion:119 Resp: 363691

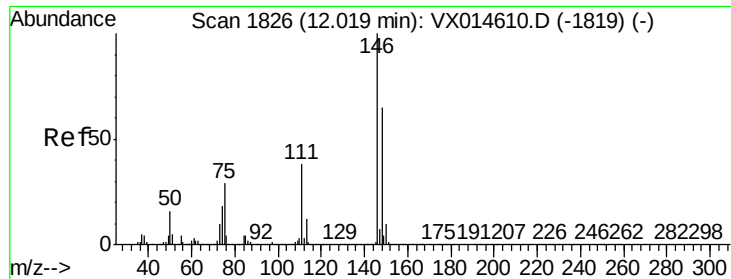
Ion Ratio Lower Upper

119 100

134 27.4 0.0 53.8

91 22.6 0.0 45.0





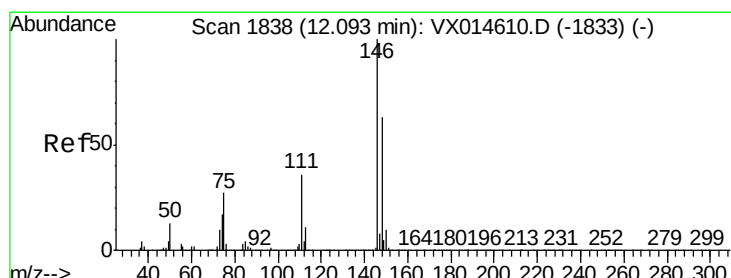
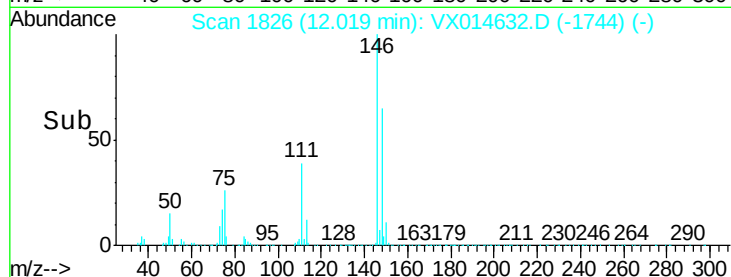
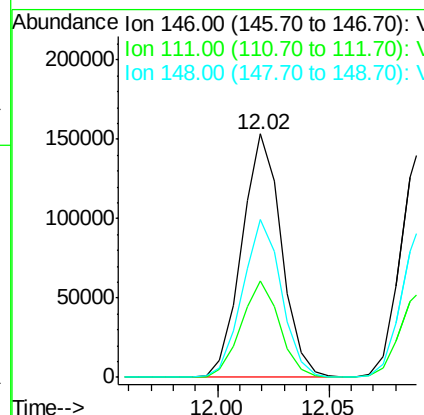
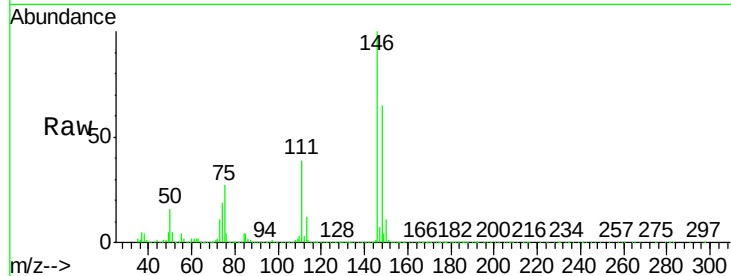
#83
 1,3-Dichlorobenzene
 Concen: 19.219 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.8	32.2	96.6

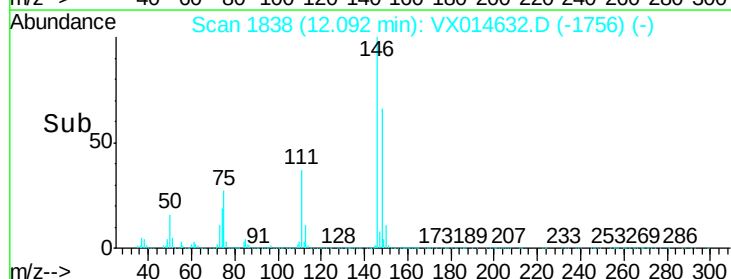
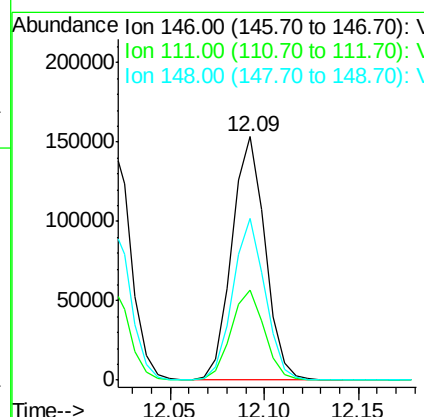
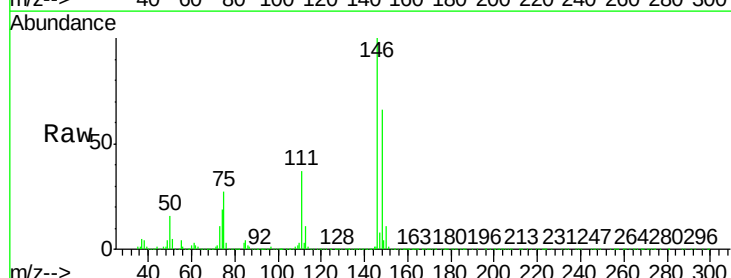
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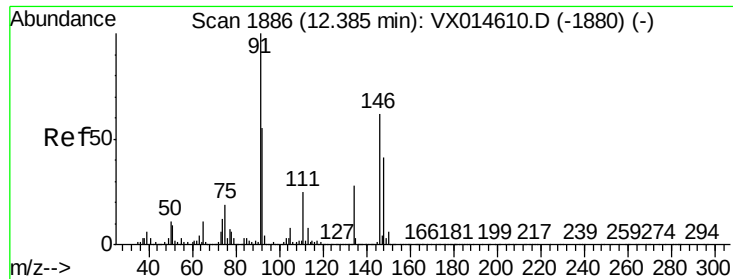
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#84
 1,4-Dichlorobenzene
 Concen: 19.191 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014632.D
 Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.7	32.0	96.0





#85

n-Butylbenzene

Concen: 18.873 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Instrument :

MSVOA_X

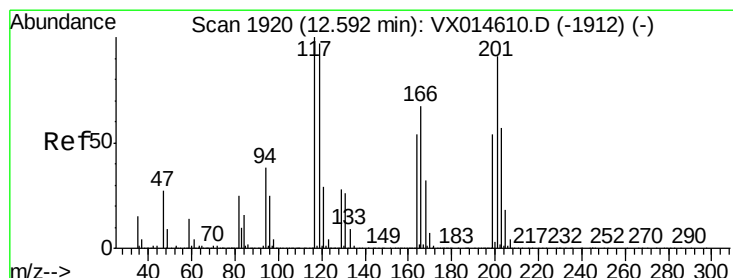
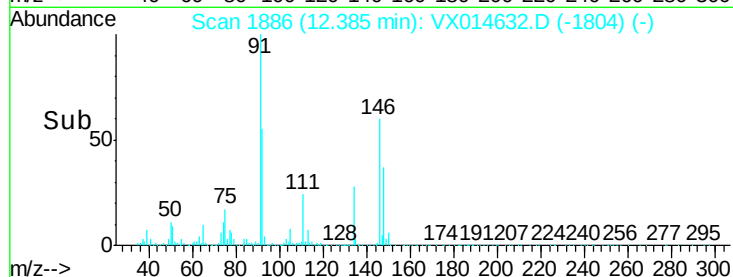
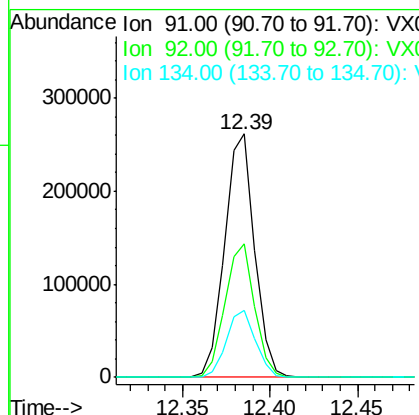
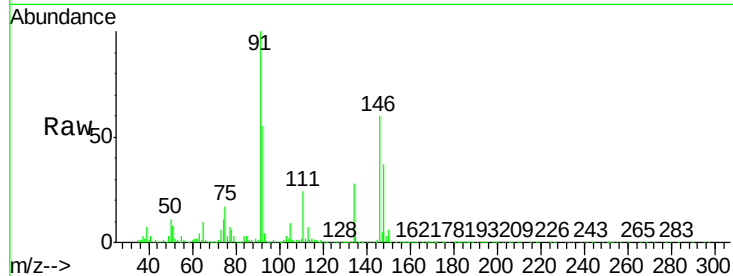
ClientSampleId :

VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	309590		
92	54.5	0.0	109.0	
134	27.1	0.0	54.0	

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#86

Hexachloroethane

Concen: 18.547 ug/l

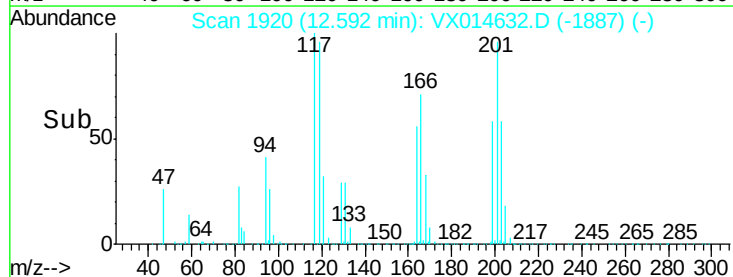
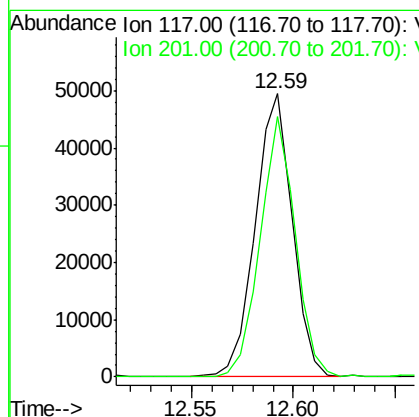
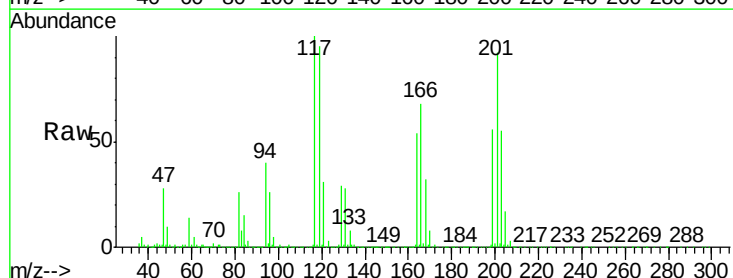
RT: 12.59 min Scan# 1920

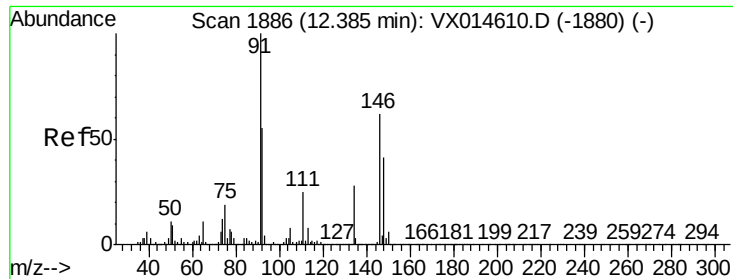
Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62355		
201	87.2	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 19.194 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014632.D

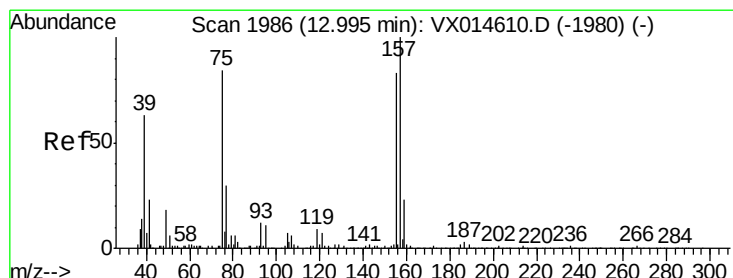
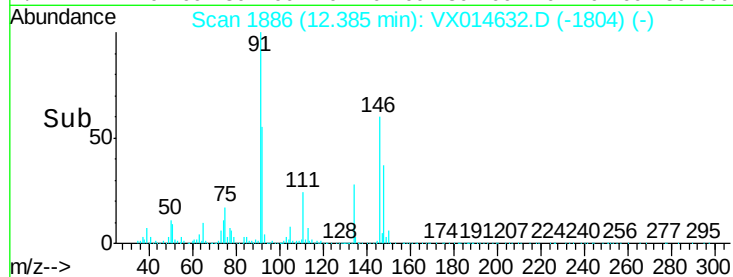
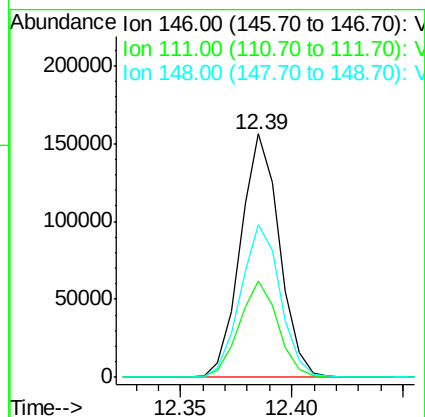
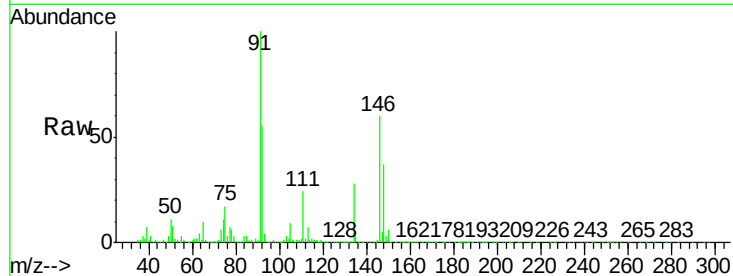
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	63.7	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.109 ug/l

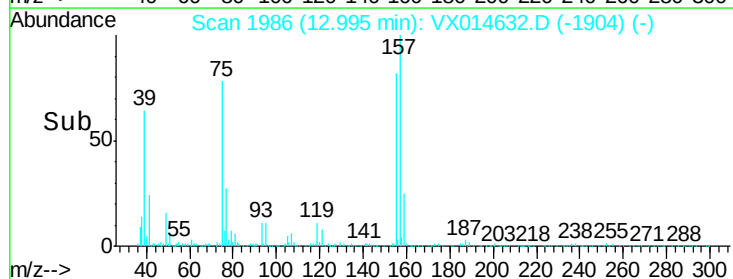
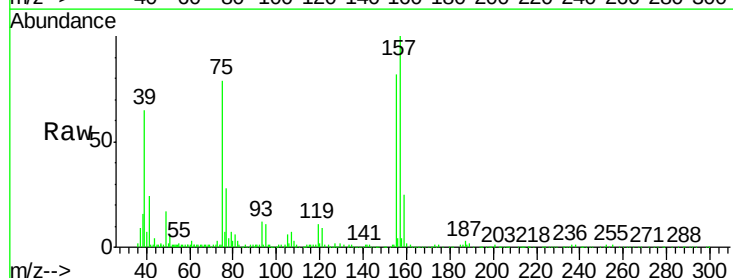
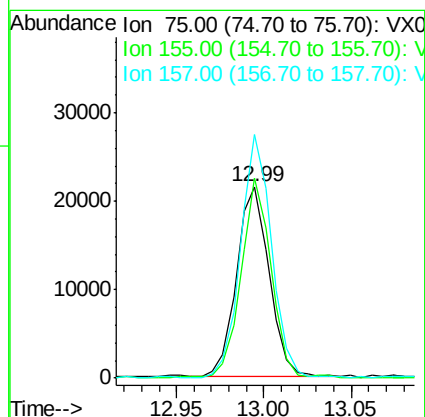
RT: 12.99 min Scan# 1986

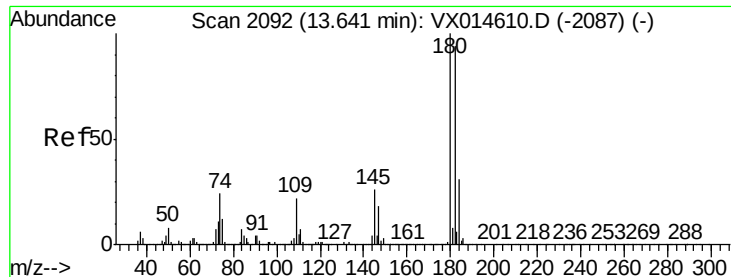
Delta R.T. 0.00 min

Lab File: VX014632.D

Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	73.8	110.6
157	122.1	95.0	142.4





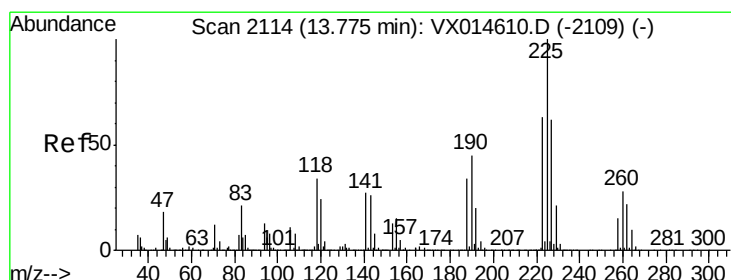
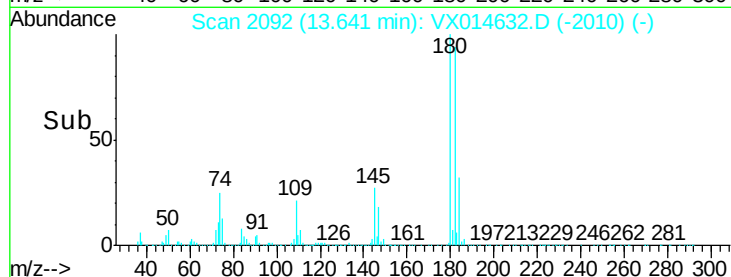
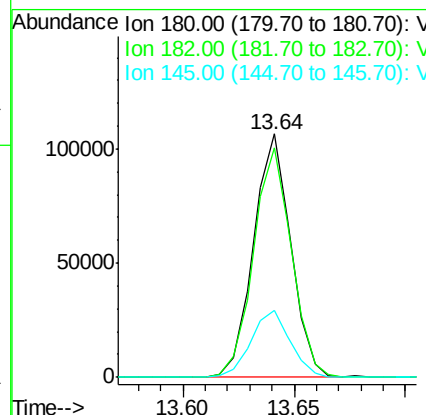
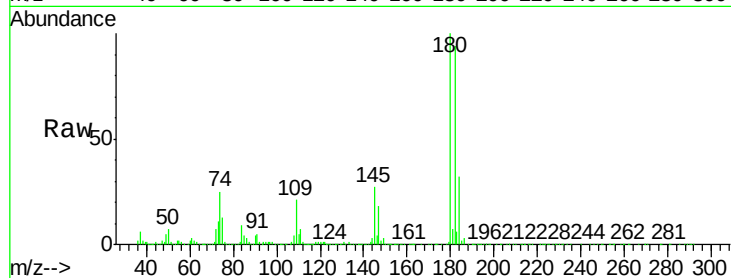
#89
1,2,4-Trichlorobenzene
Concen: 18.959 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampled :
VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124407		
182	95.8	76.4	114.6	
145	28.8	21.9	32.9	

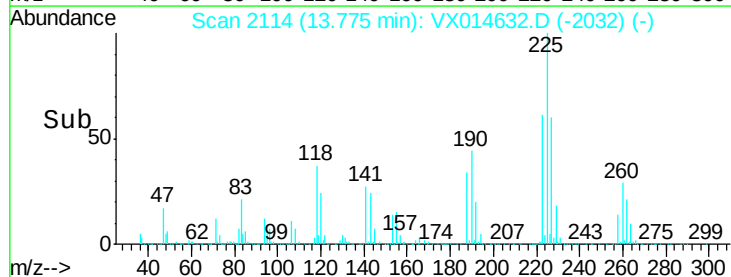
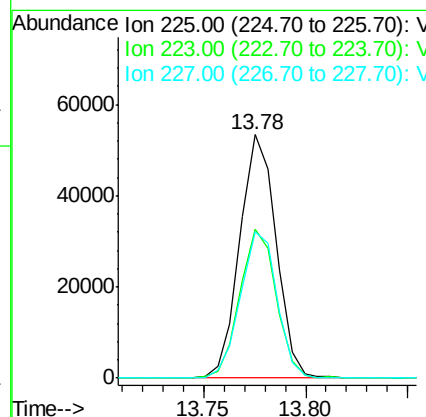
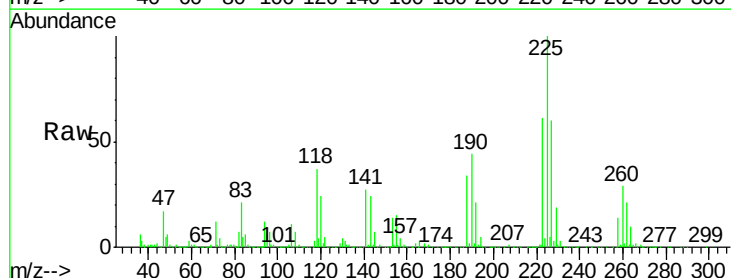
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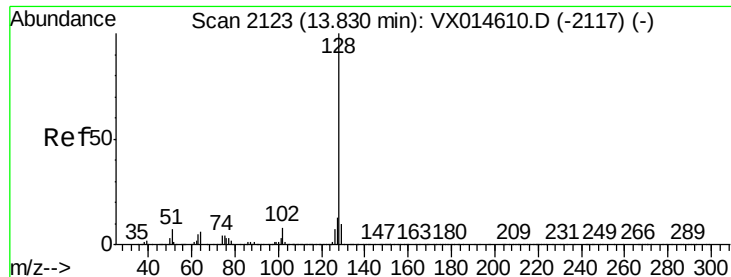
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#90
Hexachlorobutadiene
Concen: 20.111 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65940		
223	61.2	0.0	127.4	
227	60.7	0.0	122.8	





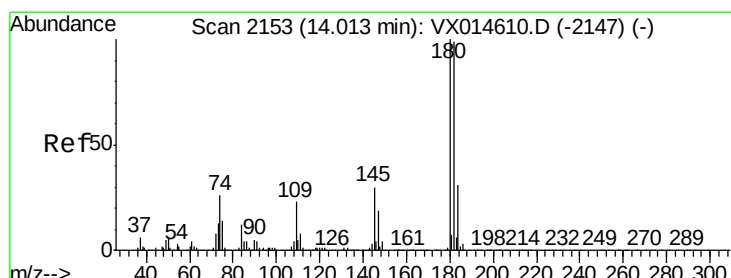
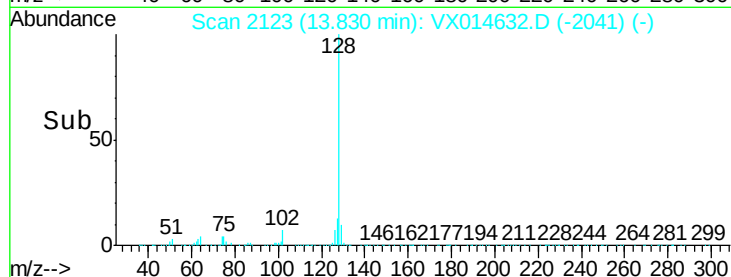
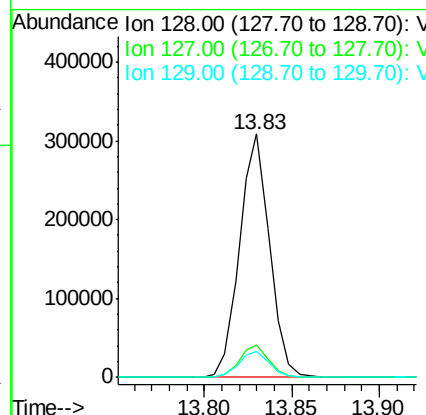
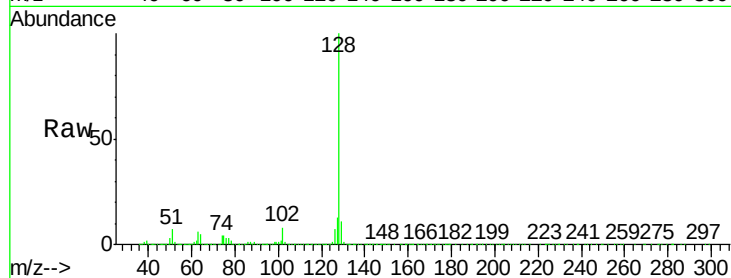
#91
Naphthalene
Concen: 18.520 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	366833		
127	12.9	10.4	15.6	
129	10.6	8.9	13.3	

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#92
1,2,3-Trichlorobenzene
Concen: 19.177 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014632.D
Acq: 16 Jan 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128084		
182	94.5	0.0	192.8	
145	30.0	0.0	60.0	

