

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016497.D
 Acq On : 28 May 2020 19:42
 Operator : JC/SP
 Sample : L2778-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

Quant Time: May 29 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	456291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209916	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	182732	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.47	113	144108	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.70	98	560642	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	11.12	95	214508	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	144554	52.188	ug/l	97
3) Chloromethane	1.31	50	171298	51.176	ug/l	98
4) Vinyl Chloride	1.39	62	202423	57.185	ug/l	100
5) Bromomethane	1.62	94	84936	49.349	ug/l	99
6) Chloroethane	1.70	64	109088	52.830	ug/l	96
7) Trichlorofluoromethane	1.91	101	237588	51.107	ug/l	99
8) Diethyl Ether	2.17	74	99240	51.196	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127461	49.818	ug/l	99
10) Methyl Iodide	2.49	142	141630	46.557	ug/l	99
11) Tert butyl alcohol	3.01	59	233446	260.452	ug/l	100
12) 1,1-Dichloroethene	2.36	96	141505	52.250	ug/l	97
13) Acrolein	2.27	56	110807	290.619	ug/l	97
14) Allyl chloride	2.70	41	264108	53.028	ug/l	98
15) Acrylonitrile	3.12	53	509763	277.643	ug/l	99
16) Acetone	2.42	43	428243	279.644	ug/l	99
17) Carbon Disulfide	2.55	76	414132	51.493	ug/l	100
18) Methyl Acetate	2.75	43	205341	52.280	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	521924	53.669	ug/l	100
20) Methylene Chloride	2.83	84	163609	51.638	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	158193	52.808	ug/l	95
22) Diisopropyl ether	3.82	45	510555	53.362	ug/l	99
23) Vinyl Acetate	3.79	43	2169308	259.029	ug/l	100
24) 1,1-Dichloroethane	3.67	63	287501	53.239	ug/l	100
25) 2-Butanone	4.64	43	714978	275.535	ug/l	100
26) 2,2-Dichloropropane	4.56	77	192550	43.574	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	179731	51.863	ug/l	99
28) Bromochloromethane	4.98	49	129533	51.617	ug/l	98
29) Tetrahydrofuran	5.09	42	470647	280.747	ug/l	100
30) Chloroform	5.18	83	284085	52.209	ug/l	97
31) Cyclohexane	5.55	56	240453	49.494	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	254195	51.600	ug/l	100
36) 1,1-Dichloropropene	5.77	75	214131	49.565	ug/l	99
37) Ethyl Acetate	4.79	43	254016	48.974	ug/l	99
38) Carbon Tetrachloride	5.76	117	221286	48.740	ug/l	99

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Quant Time: May 29 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	232071	49.456	ug/l	99
40) Benzene	6.12	78	657811	51.130	ug/l	100
41) Methacrylonitrile	5.01	41	143074	50.219	ug/l	99
42) 1,2-Dichloroethane	6.17	62	227593	49.744	ug/l	99
43) Isopropyl Acetate	6.42	43	406455	50.239	ug/l	99
44) Trichloroethene	7.19	130	193770	47.470	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168045	51.308	ug/l	100
46) Dibromomethane	7.64	93	109960	49.985	ug/l	99
47) Bromodichloromethane	7.88	83	232326	51.004	ug/l	99
48) Methyl methacrylate	7.74	41	203042	52.415	ug/l	99
49) 1,4-Dioxane	7.71	88	86887	958.441	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1345710	267.133	ug/l	100
52) Toluene	8.77	92	412127	50.799	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	260403	50.276	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	274726	50.111	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166240	51.537	ug/l	96
56) Ethyl methacrylate	9.16	69	279142	53.135	ug/l	100
57) 1,3-Dichloropropane	9.35	76	287625	51.949	ug/l	99
59) 2-Hexanone	9.48	43	1057342	269.900	ug/l	99
60) Dibromochloromethane	9.57	129	186908	51.489	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178435	51.657	ug/l	100
64) Tetrachloroethene	9.32	164	212204	44.689	ug/l	97
65) Chlorobenzene	10.12	112	963196	111.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	166819	50.504	ug/l	99
67) Ethyl Benzene	10.24	91	763929	49.586	ug/l	99
68) m/p-Xylenes	10.34	106	572522	100.230	ug/l	100
69) o-Xylene	10.68	106	277816	50.221	ug/l	99
70) Styrene	10.70	104	493157	51.865	ug/l	100
71) Bromoform	10.84	173	142861	51.176	ug/l #	99
73) Isopropylbenzene	11.00	105	726843	49.973	ug/l	100
74) N-amyl acetate	10.88	43	338058	50.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	206426	56.630	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	313492	67.943	ug/l	84
77) Bromobenzene	11.24	156	190494	49.936	ug/l	100
78) n-propylbenzene	11.34	91	820085	50.468	ug/l	100
79) 2-Chlorotoluene	11.40	91	500429	50.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	614458	50.595	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	92056	49.077	ug/l	99
82) 4-Chlorotoluene	11.49	91	585984	50.029	ug/l	100
83) tert-Butylbenzene	11.76	119	538218	51.866	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	621981	50.642	ug/l	99
85) sec-Butylbenzene	11.93	105	666153	51.173	ug/l	100
86) p-Isopropyltoluene	12.05	119	631580	51.794	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	332050	50.241	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	350067	51.790	ug/l	100
89) n-Butylbenzene	12.37	91	528969	52.080	ug/l	99
90) Hexachloroethane	12.58	117	107725	51.145	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	325837	50.887	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59888	50.722	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	215362	50.643	ug/l	100

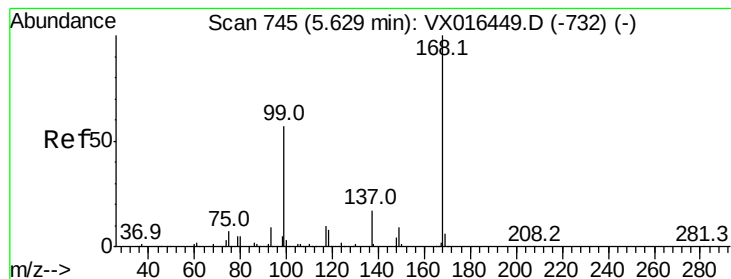
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	80793	48.389	ug/l	99
95) Naphthalene	13.82	128	750091	51.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	214101	51.390	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

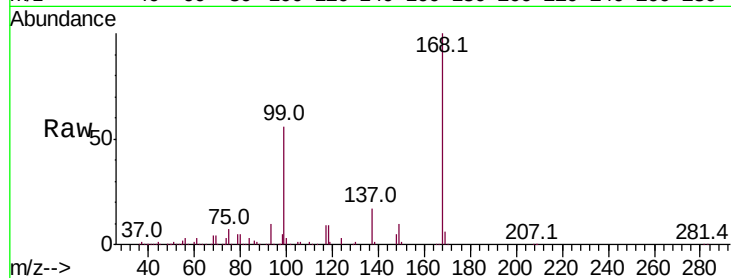
WP022RW358-200526MS

Tot Ion:168 Resp: 281457

Ion Ratio Lower Upper

168 100

99 56.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

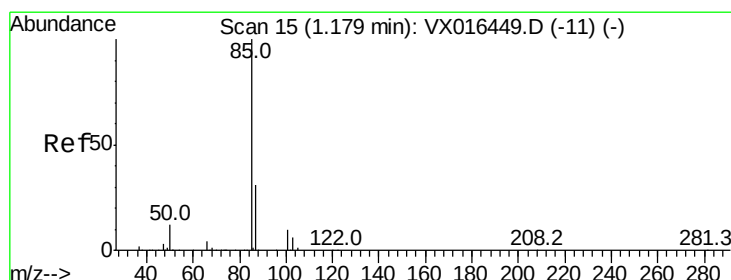
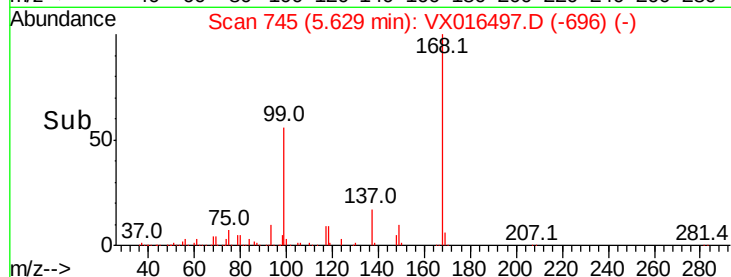
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.188 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016497.D

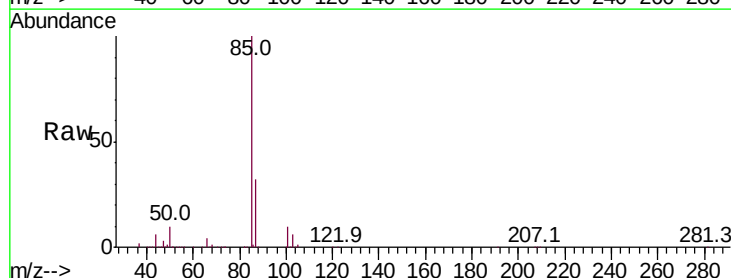
Acq: 28 May 2020 19:42

Tgt Ion: 85 Resp: 144554

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

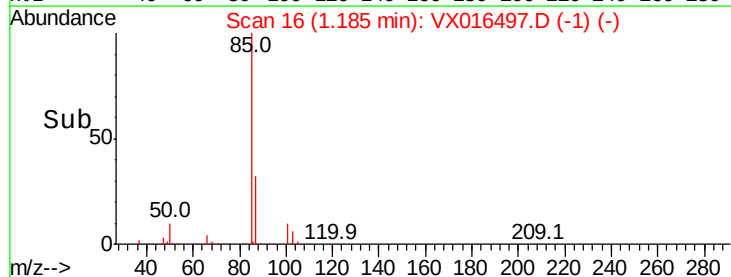
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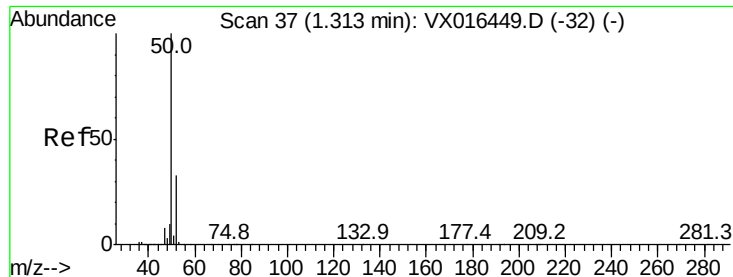
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50000

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Time-->





#3

Chloromethane

Concen: 51.176 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

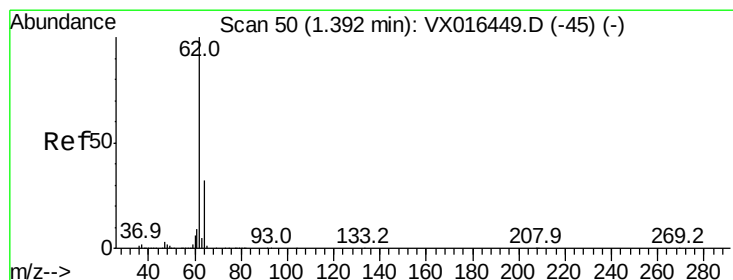
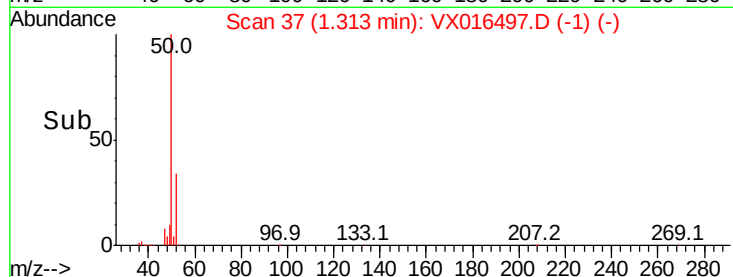
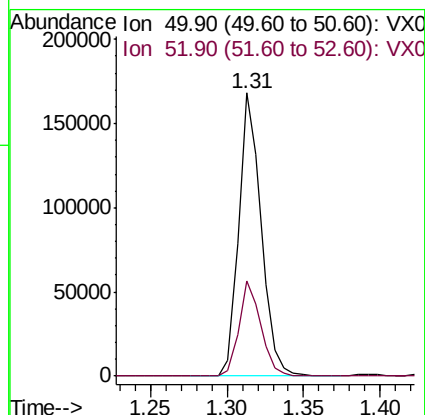
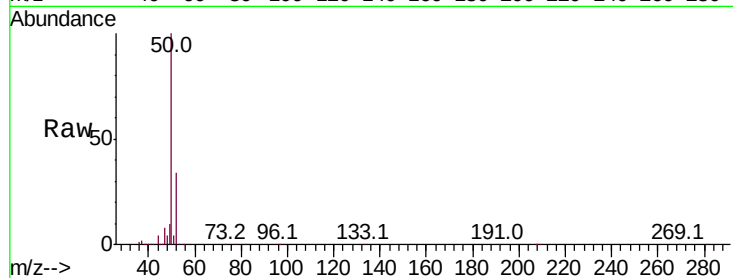
WP022RW358-200526MS

Tot Ion: 50 Resp: 171298

Ion Ratio Lower Upper

50 100

52 33.7 26.2 39.2



#4

Vinyl Chloride

Concen: 57.185 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016497.D

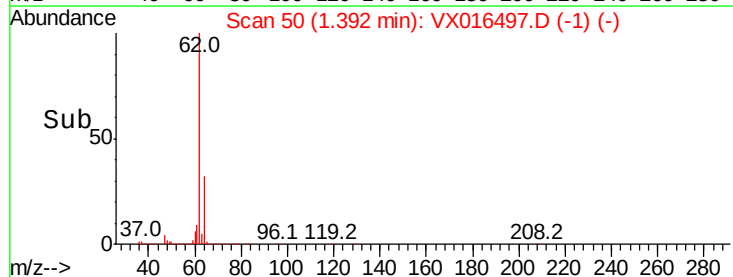
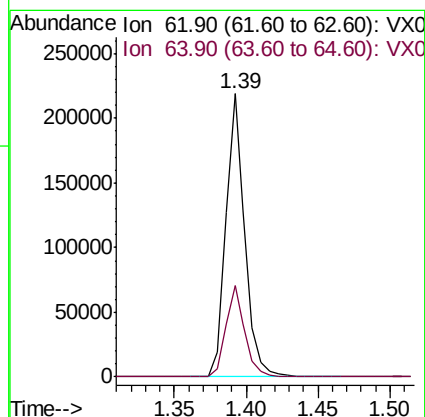
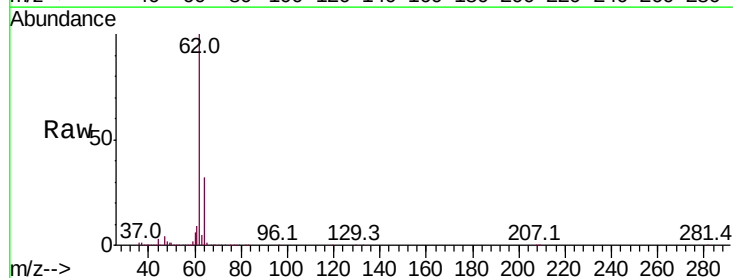
Acq: 28 May 2020 19:42

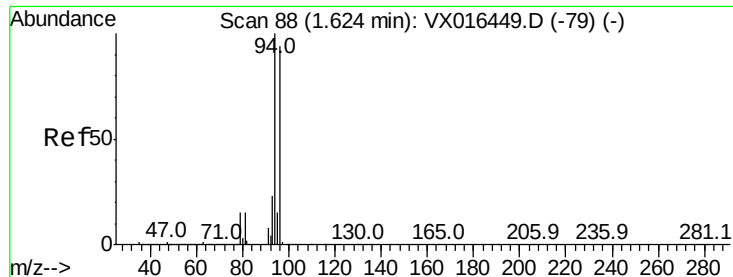
Tgt Ion: 62 Resp: 202423

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 49.349 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

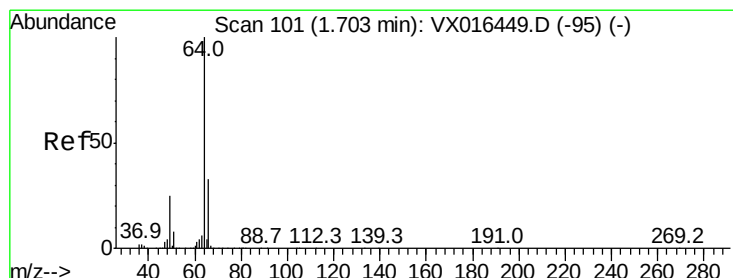
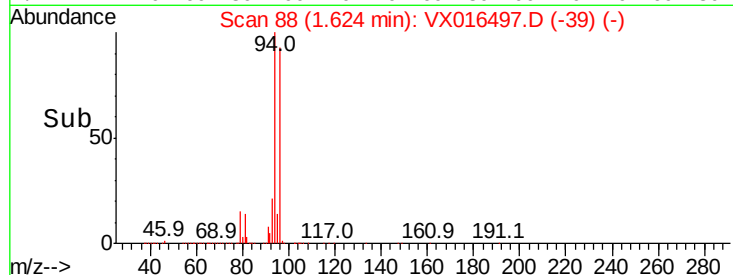
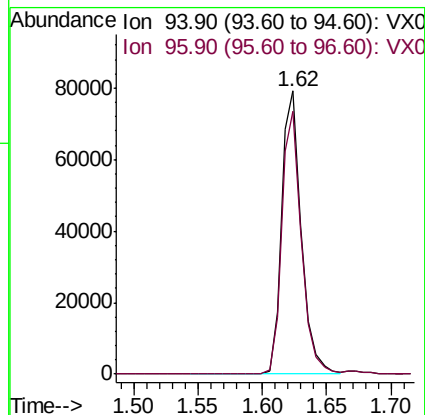
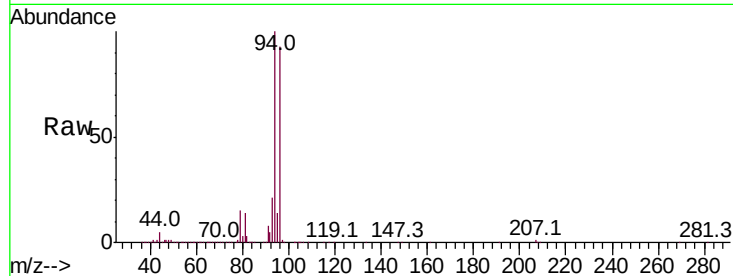
WP022RW358-200526MS

Tot Ion: 94 Resp: 84936

Ion Ratio Lower Upper

94 100

96 92.7 75.1 112.7



#6

Chloroethane

Concen: 52.830 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016497.D

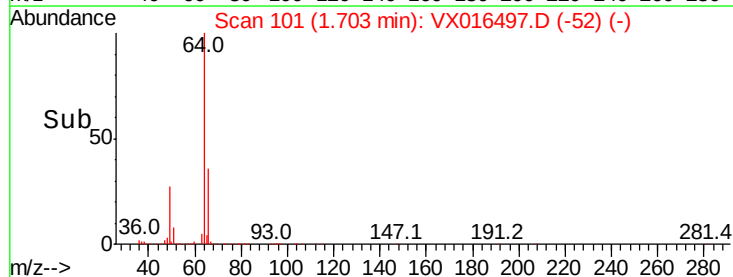
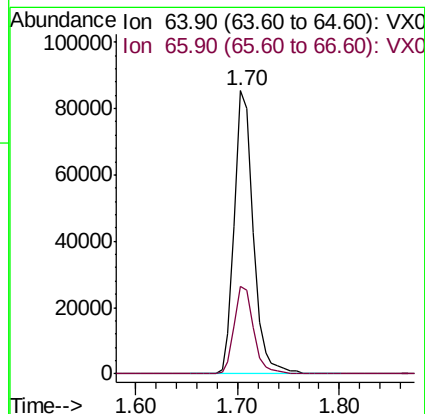
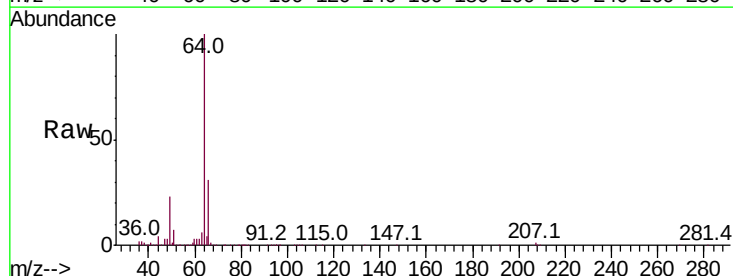
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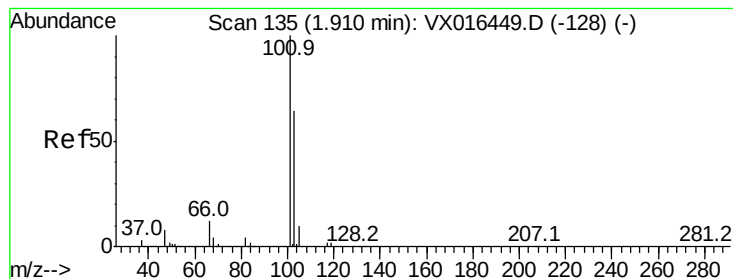
Tgt Ion: 64 Resp: 109088

Ion Ratio Lower Upper

64 100

66 31.1 26.7 40.1



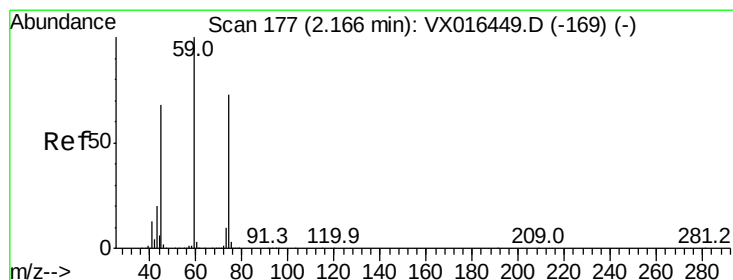
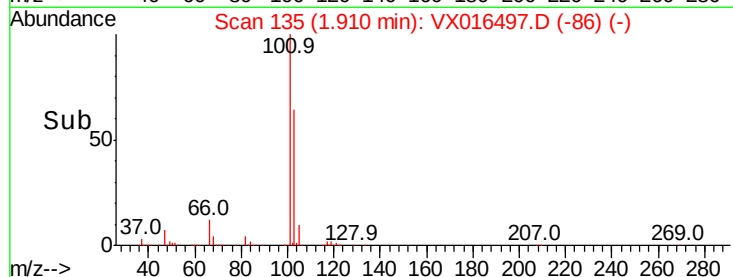
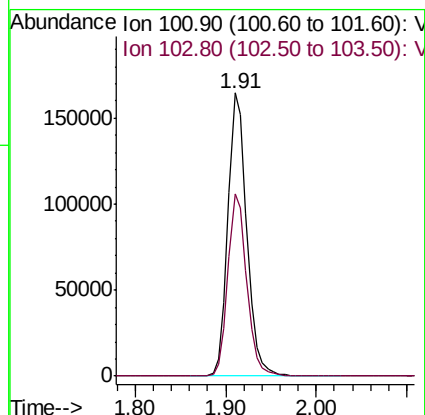
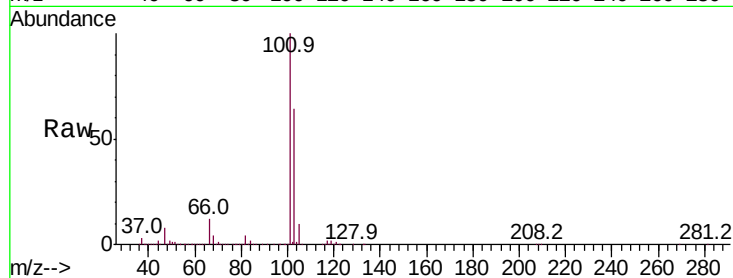


#7

Trichlorofluoromethane
 Concen: 51.107 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

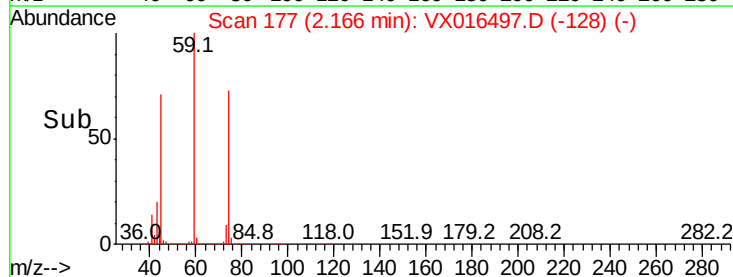
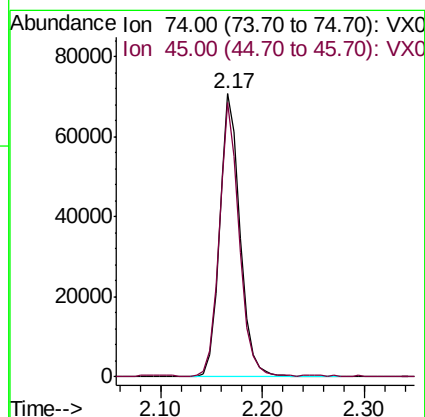
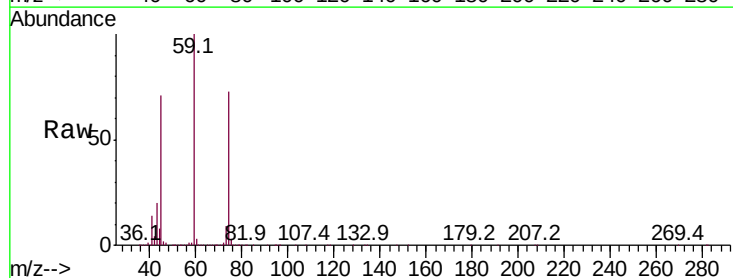
Tot Ion:101 Resp: 237588
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.9 76.3

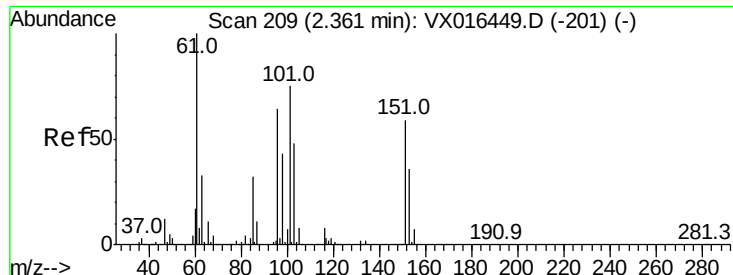


#8

Diethyl Ether
 Concen: 51.196 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion: 74 Resp: 99240
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.818 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

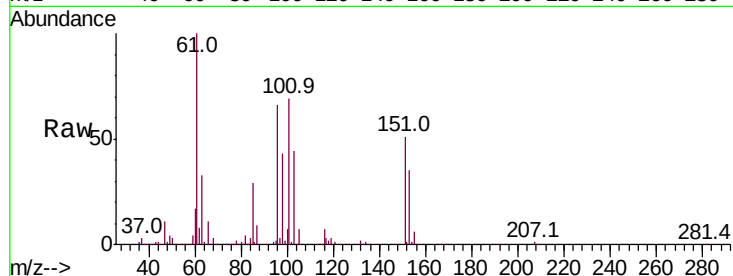
Tot Ion:101 Resp: 127461

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

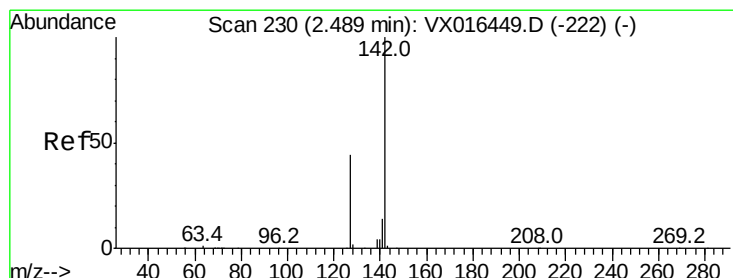
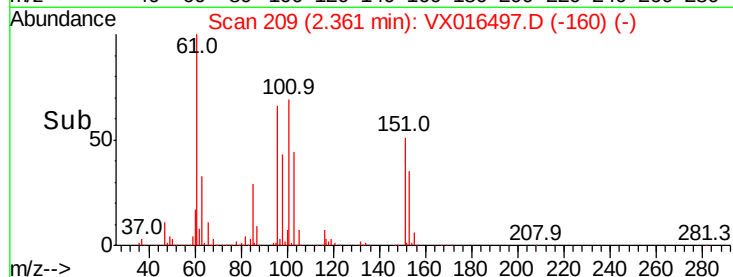
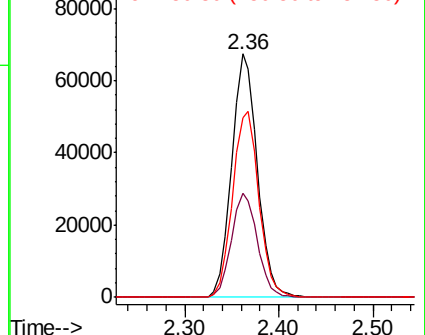
151 78.6 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.557 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

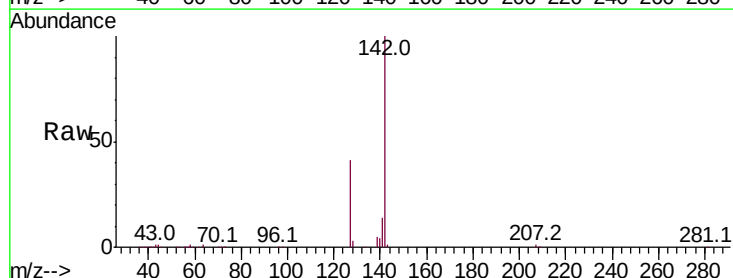
Tgt Ion:142 Resp: 141630

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

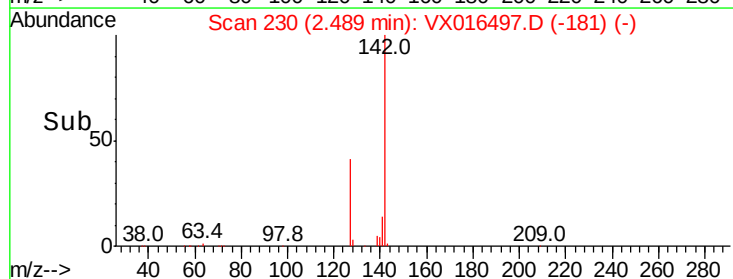
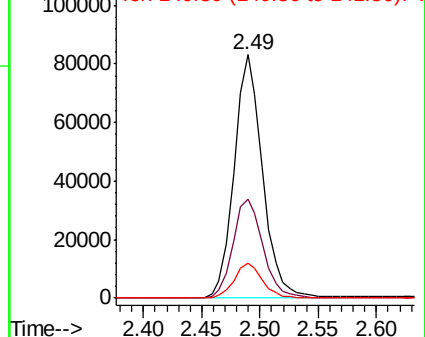
141 14.3 11.4 17.2

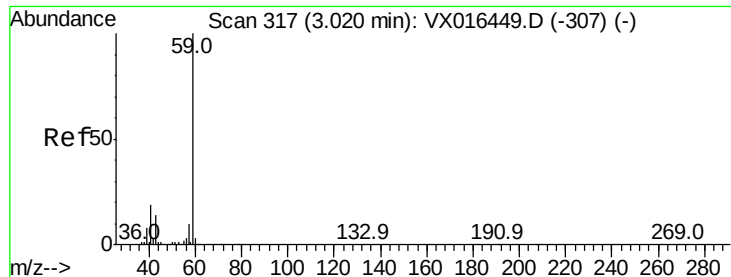


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



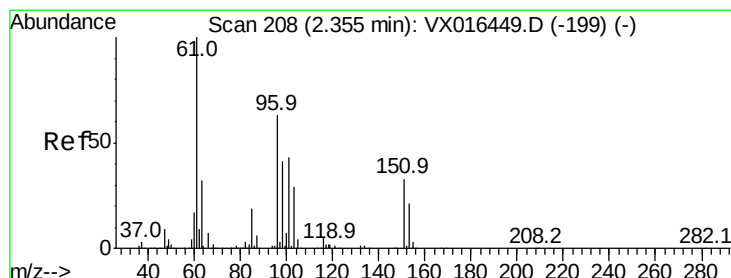
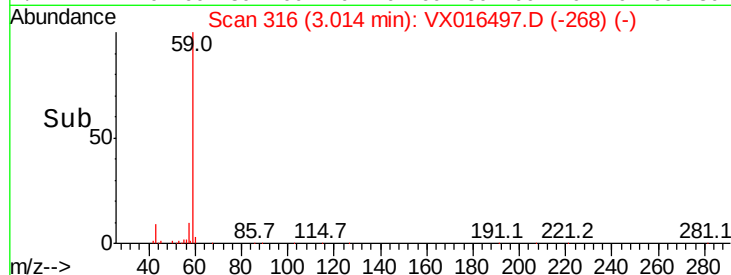
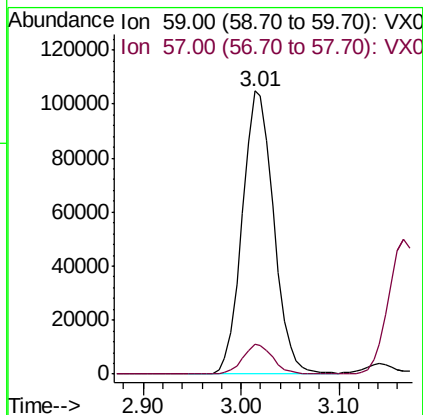
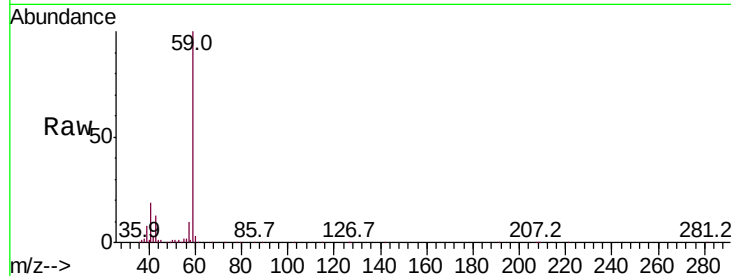


#11

Tert butyl alcohol
Concen: 260.452 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

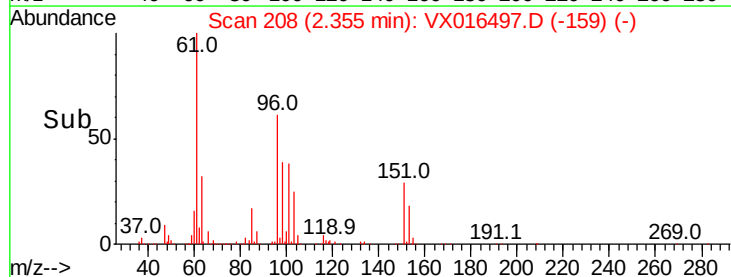
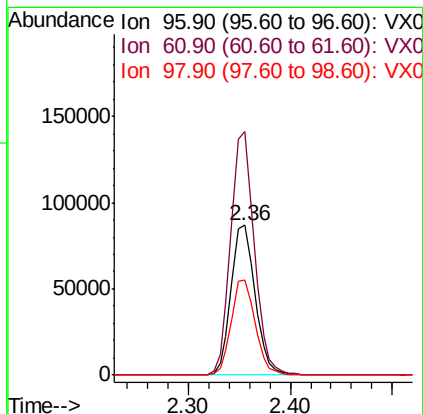
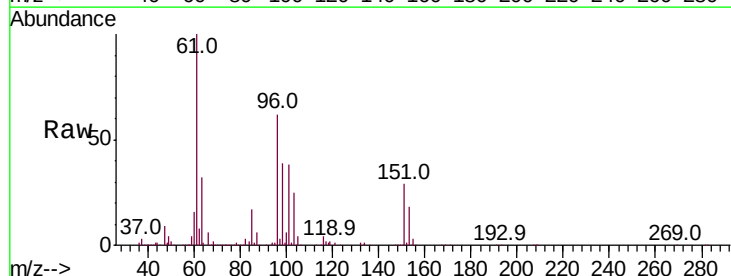
Tot Ion: 59 Resp: 233446
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

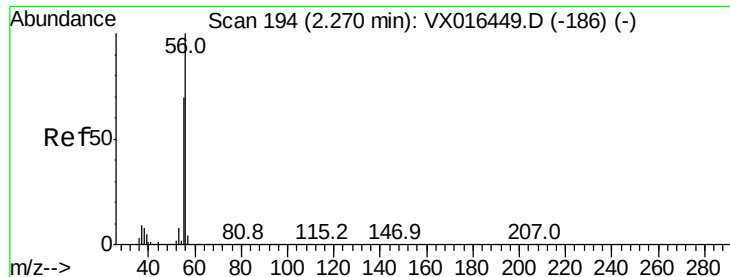


#12

1,1-Dichloroethene
Concen: 52.250 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 96 Resp: 141505
Ion Ratio Lower Upper
96 100
61 162.5 126.6 189.8
98 63.3 51.3 76.9





#13

Acrolein

Concen: 290.619 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

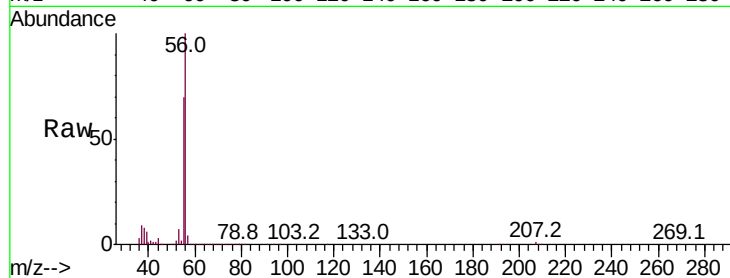
WP022RW358-200526MS

Tot Ion: 56 Resp: 110807

Ion Ratio Lower Upper

56 100

55 70.1 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

60000

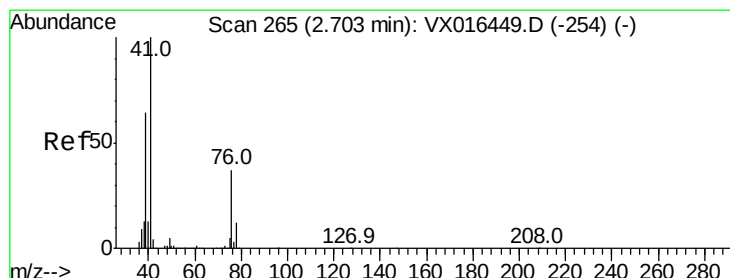
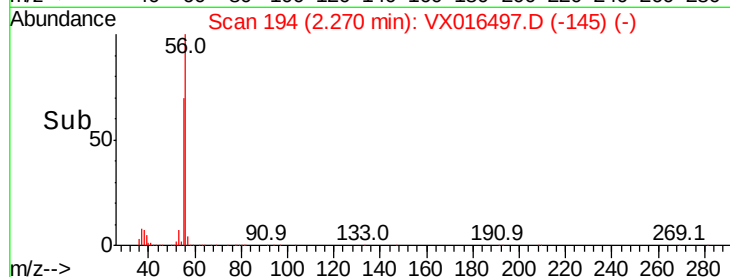
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 53.028 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

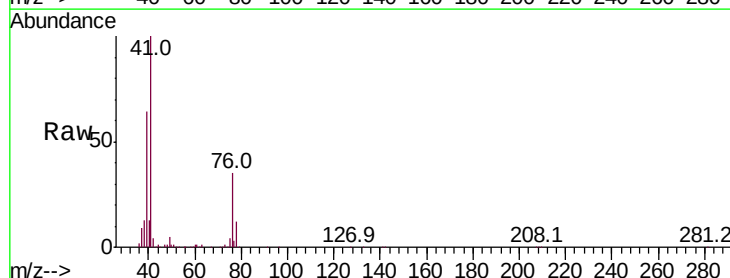
Tgt Ion: 41 Resp: 264108

Ion Ratio Lower Upper

41 100

39 58.1 47.7 71.5

76 32.8 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

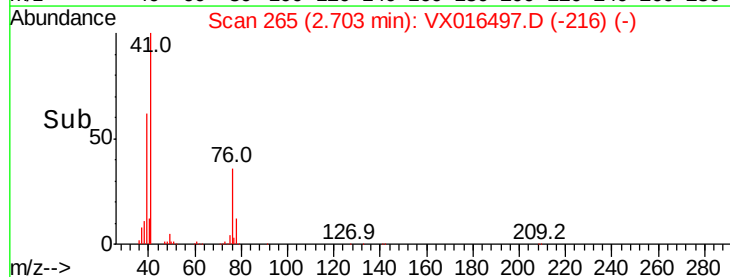
200000

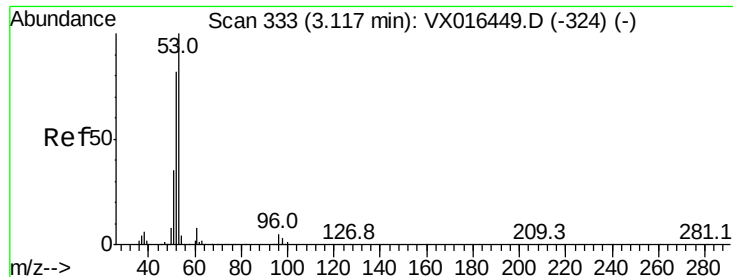
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 277.643 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

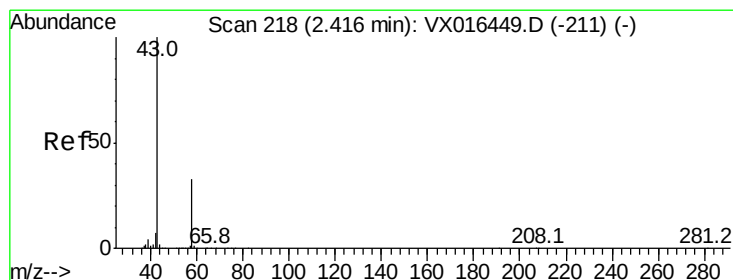
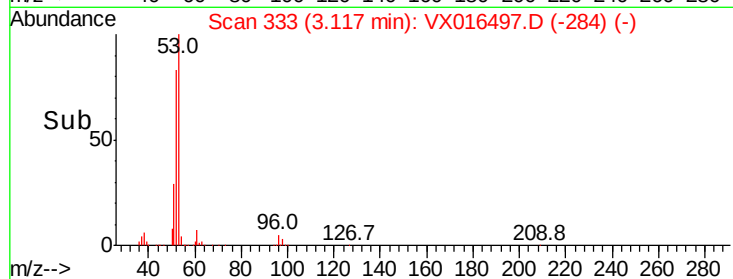
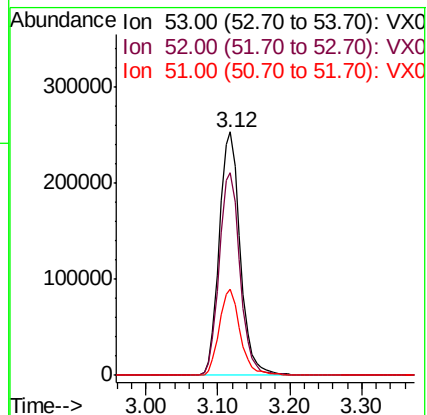
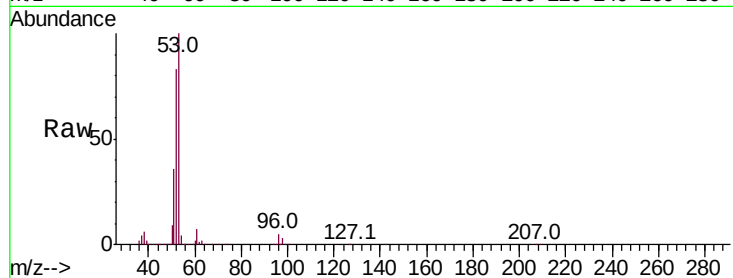
Tot Ion: 53 Resp: 509763

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

51 35.3 28.6 43.0



#16

Acetone

Concen: 279.644 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016497.D

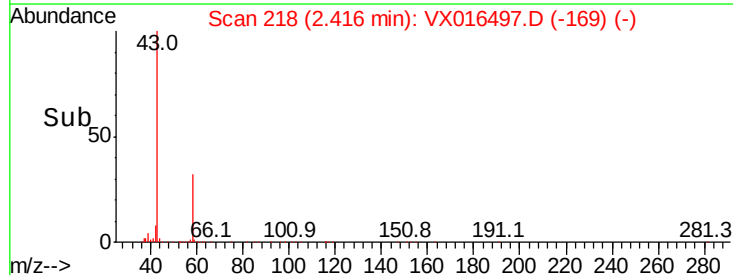
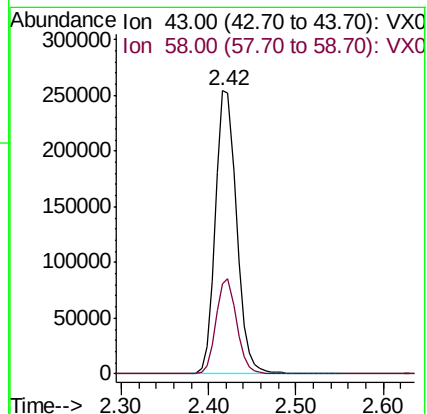
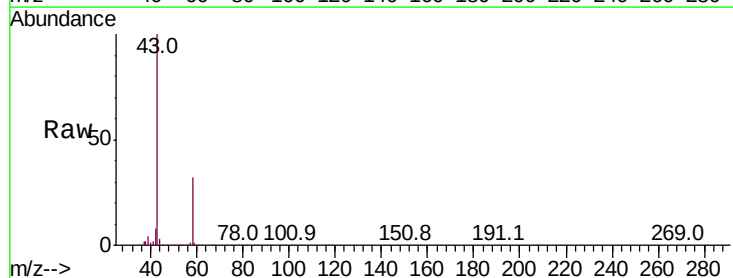
Acq: 28 May 2020 19:42

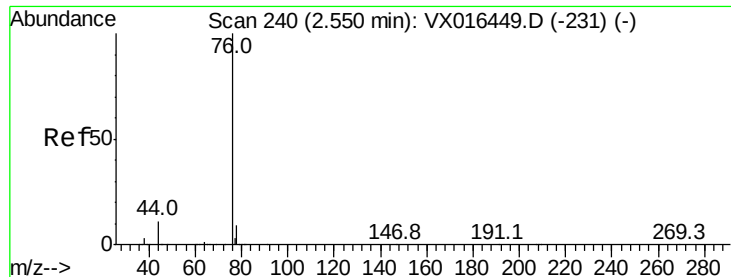
Tgt Ion: 43 Resp: 428243

Ion Ratio Lower Upper

43 100

58 32.0 26.1 39.1





#17

Carbon Disulfide

Concen: 51.493 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

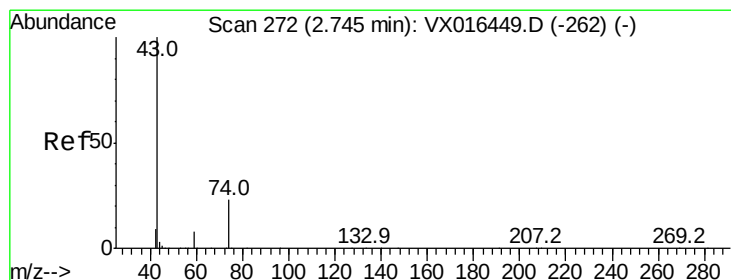
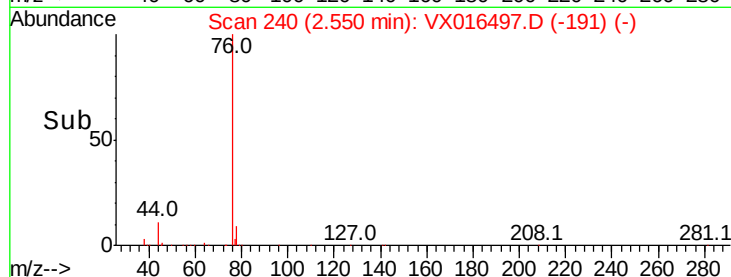
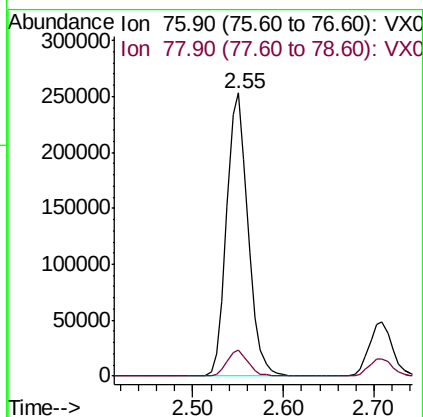
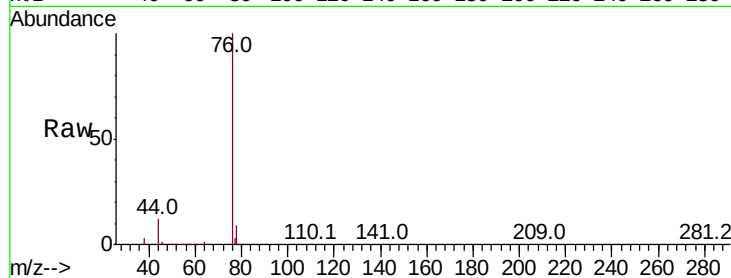
WP022RW358-200526MS

Tot Ion: 76 Resp: 414132

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 52.280 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016497.D

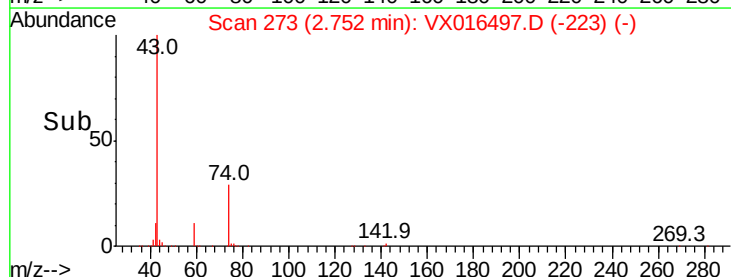
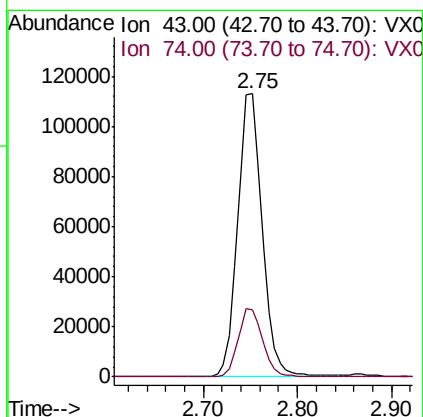
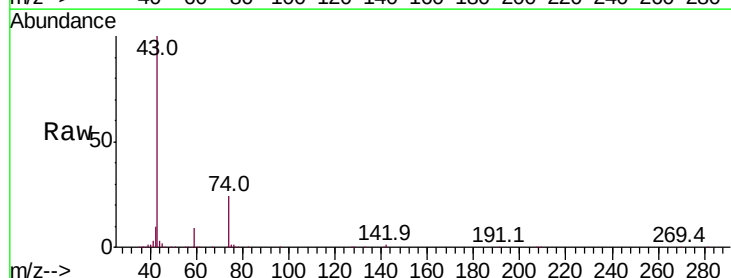
Acq: 28 May 2020 19:42

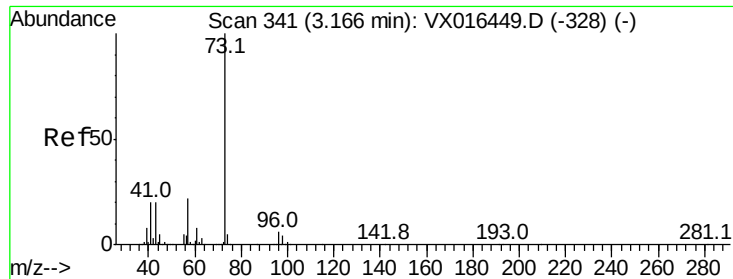
Tgt Ion: 43 Resp: 205341

Ion Ratio Lower Upper

43 100

74 24.5 19.7 29.5





#19

Methyl tert-butyl Ether

Concen: 53.669 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

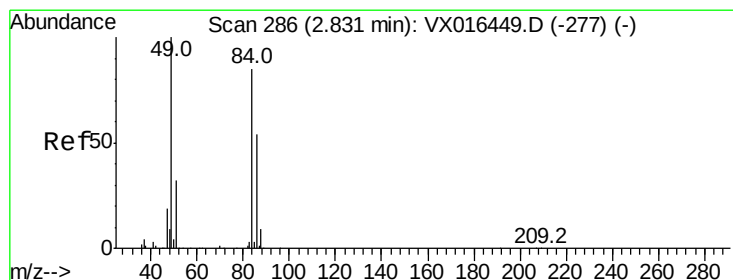
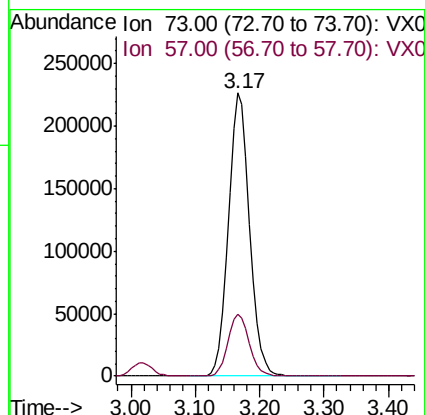
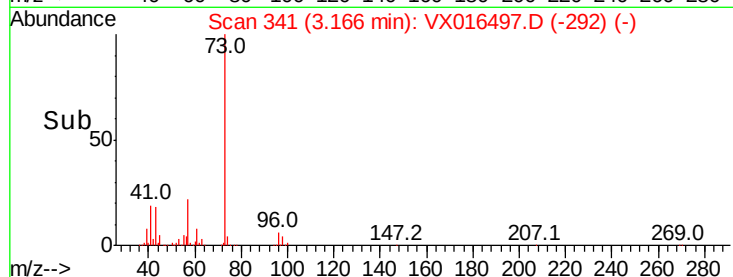
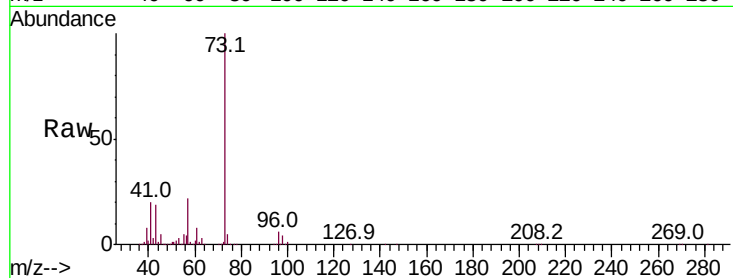
Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

Tot Ion: 73 Resp: 521924

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6



#20

Methylene Chloride

Concen: 51.638 ug/l

RT: 2.83 min Scan# 286

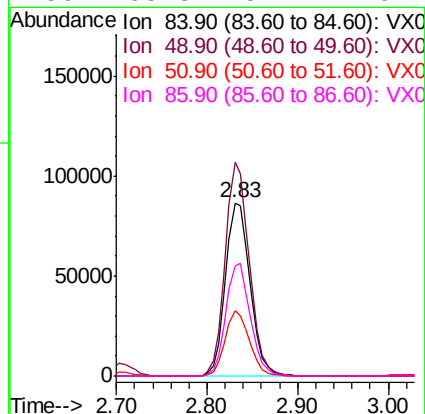
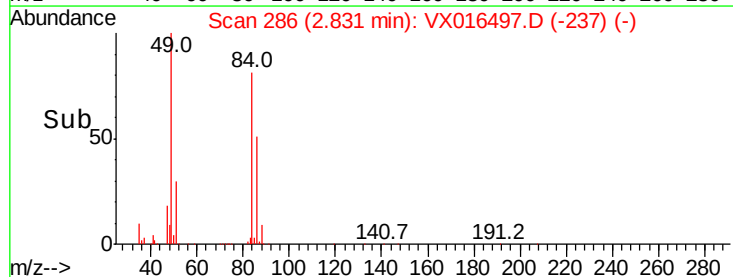
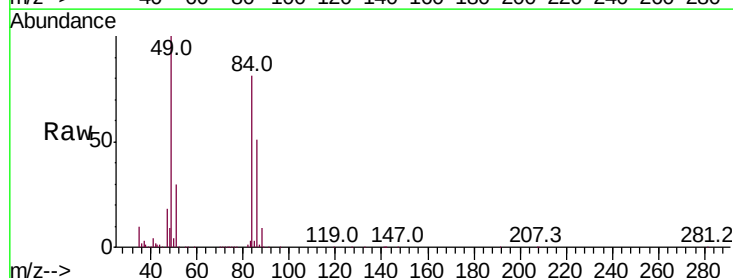
Delta R.T. -0.00 min

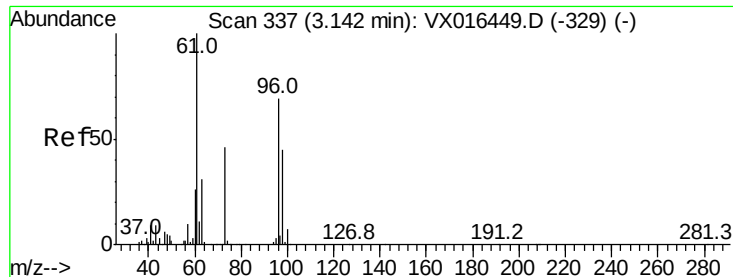
Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion: 84 Resp: 163609

Ion	Ratio	Lower	Upper
84	100		
49	123.3	94.5	141.7
51	37.4	30.2	45.4
86	63.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 52.808 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

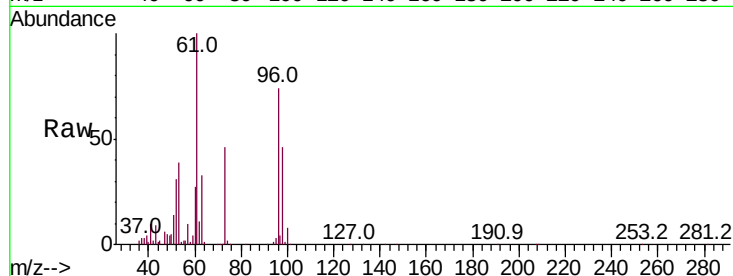
Tot Ion: 96 Resp: 158193

Ion Ratio Lower Upper

96 100

61 136.0 115.3 172.9

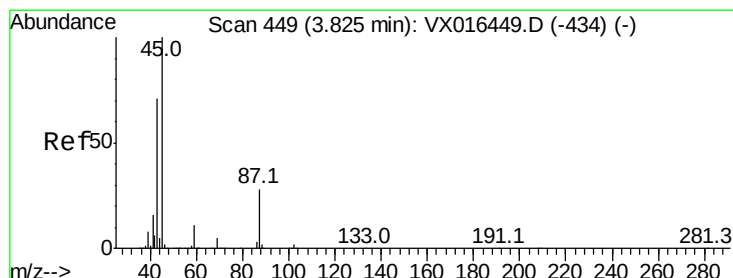
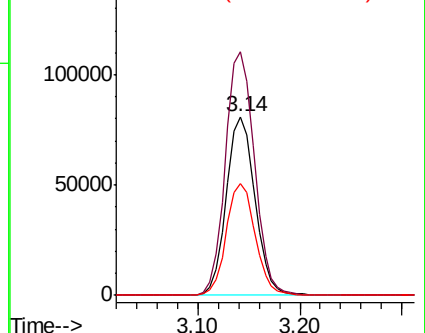
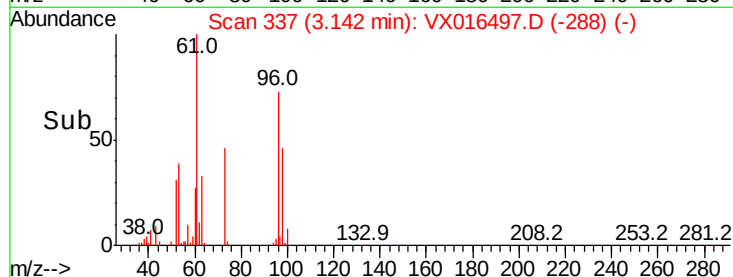
98 62.4 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.362 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Tgt Ion: 45 Resp: 510555

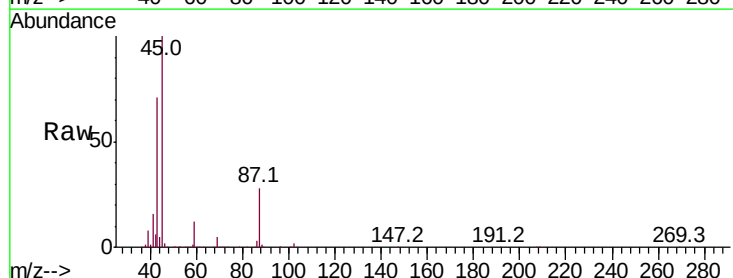
Ion Ratio Lower Upper

45 100

43 71.0 57.0 85.6

87 28.5 22.5 33.7

59 11.9 9.1 13.7

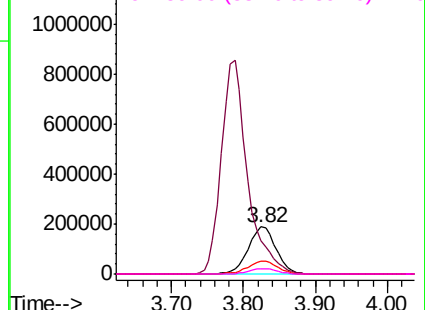
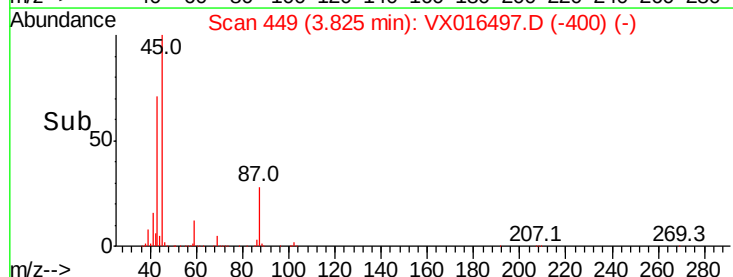


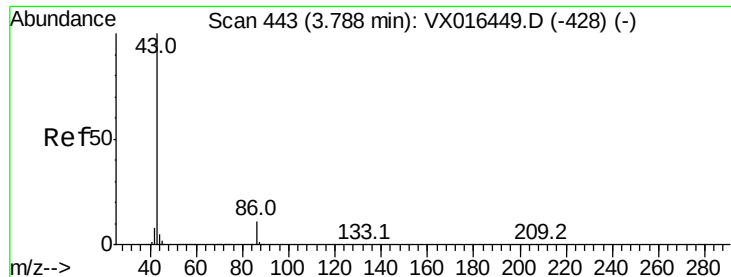
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.029 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

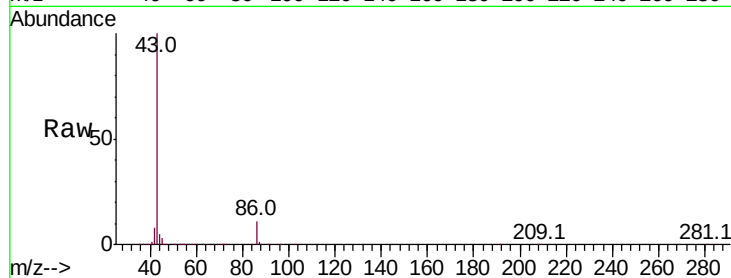
WP022RW358-200526MS

Tot Ion: 43 Resp: 2169308

Ion Ratio Lower Upper

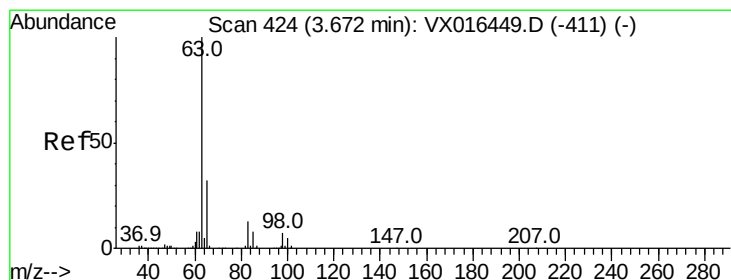
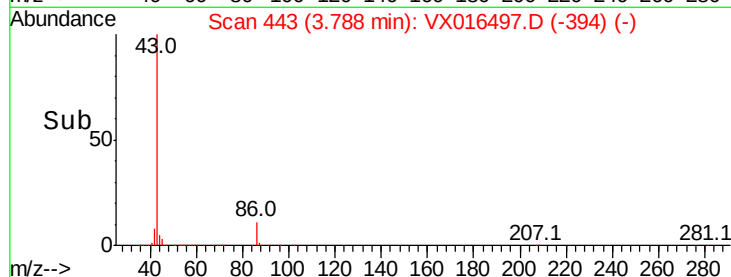
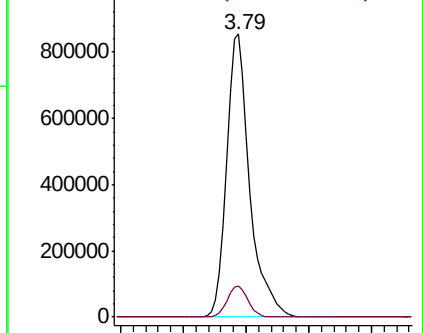
43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.239 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

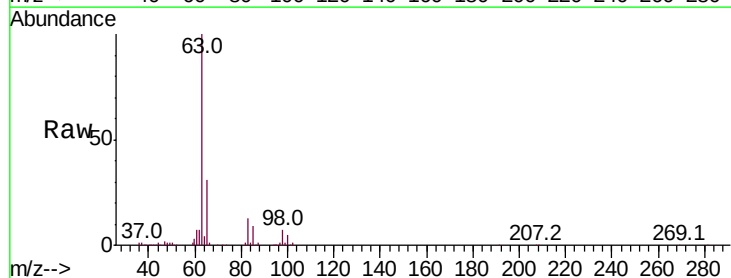
Tgt Ion: 63 Resp: 287501

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

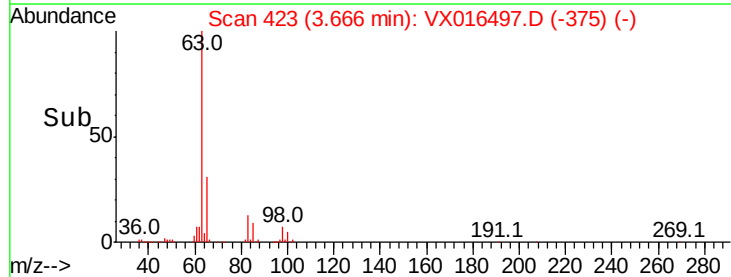
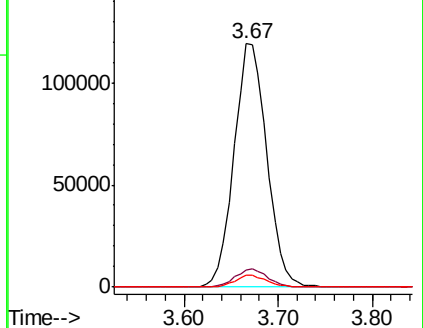
100 4.7 2.4 7.1

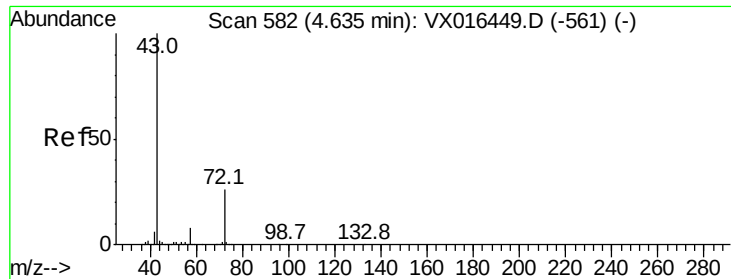


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 275.535 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

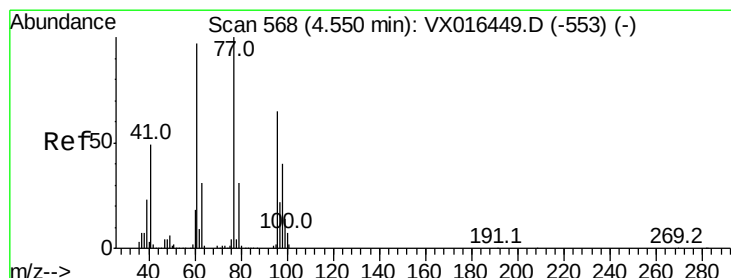
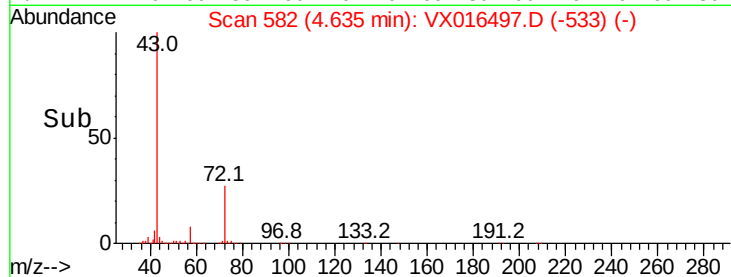
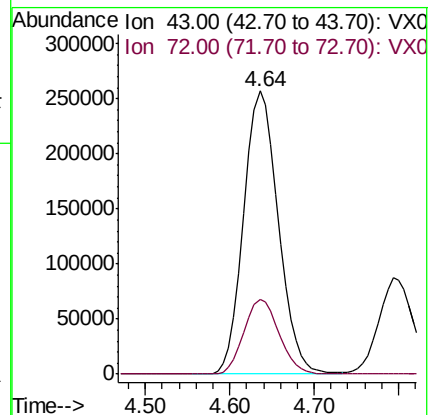
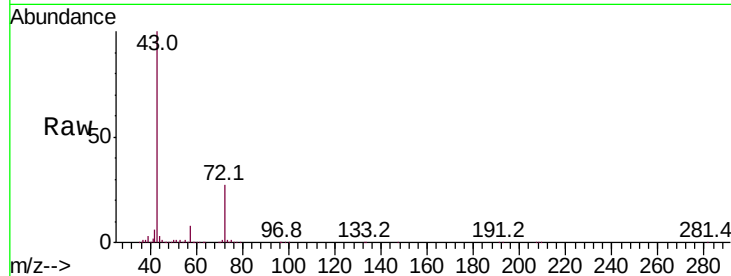
WP022RW358-200526MS

Tot Ion: 43 Resp: 714978

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 43.574 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016497.D

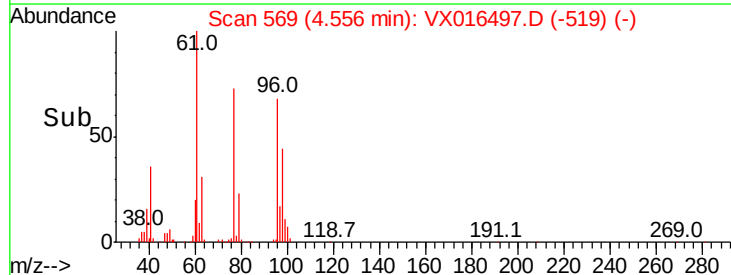
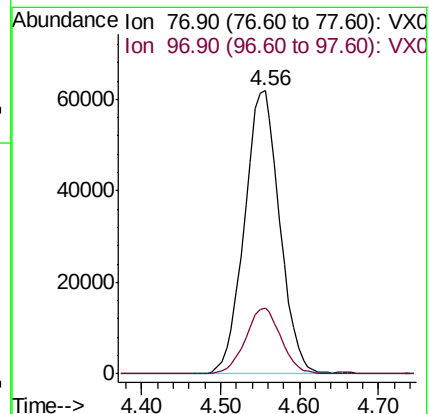
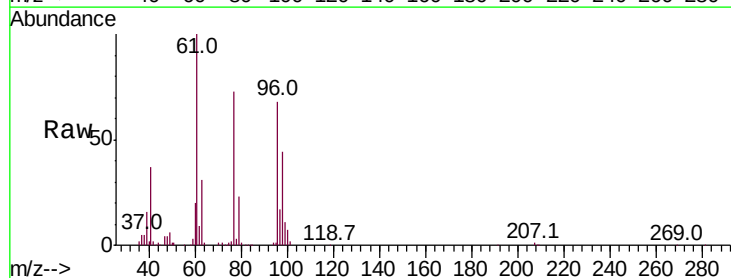
Acq: 28 May 2020 19:42

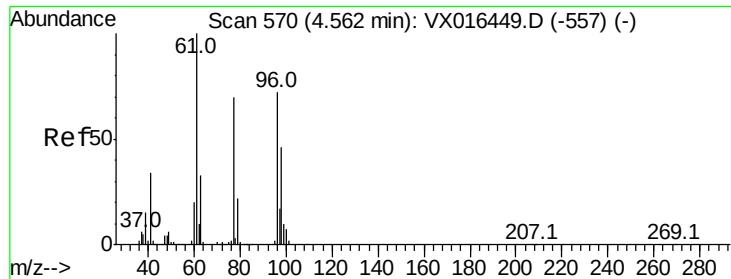
Tgt Ion: 77 Resp: 192550

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 51.863 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

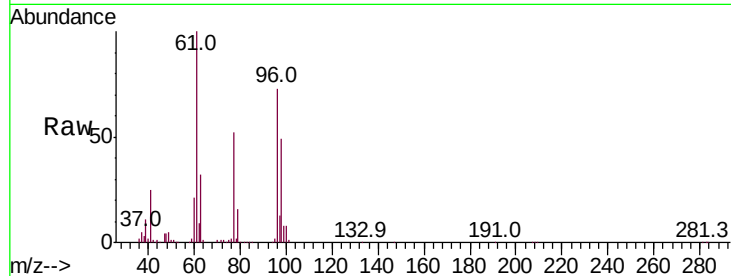
Tot Ion: 96 Resp: 179731

Ion Ratio Lower Upper

96 100

61 142.3 0.0 284.6

98 65.8 0.0 127.2

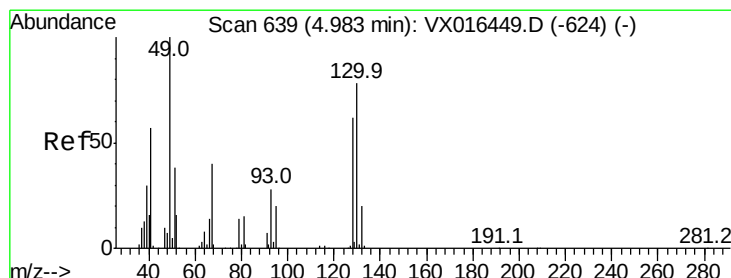
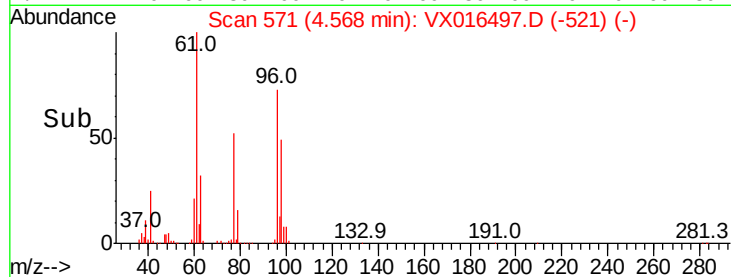
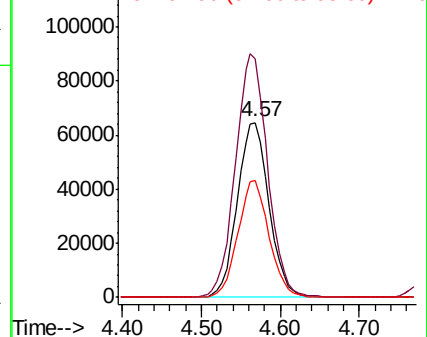


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.617 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

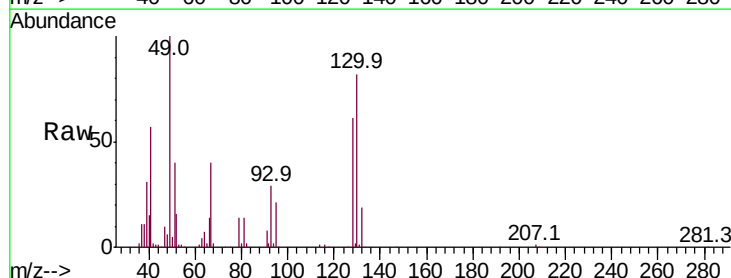
Tgt Ion: 49 Resp: 129533

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 80.3 63.0 94.4

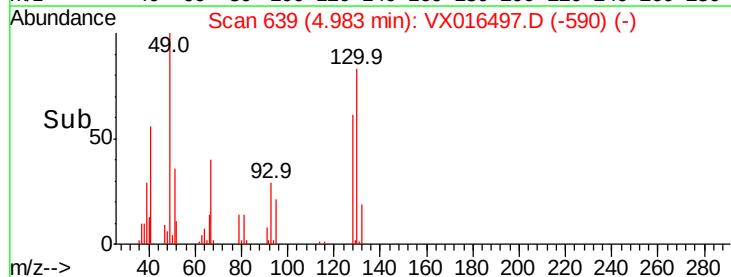
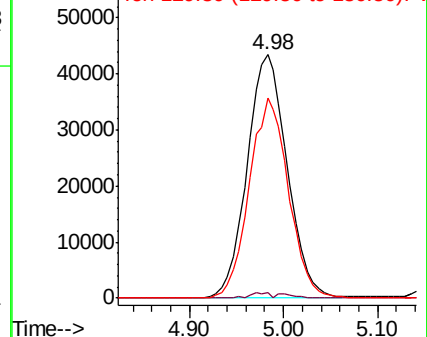


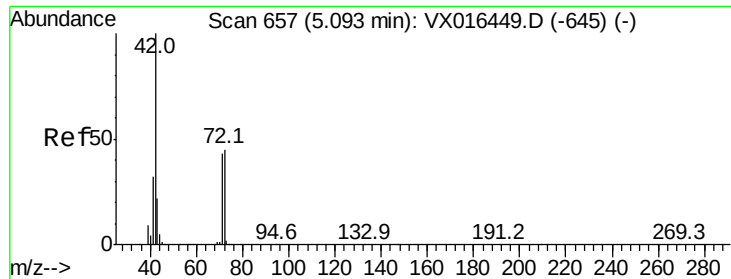
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 280.747 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

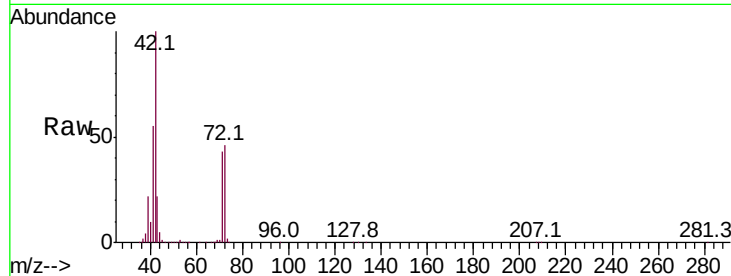
Tot Ion: 42 Resp: 470647

Ion Ratio Lower Upper

42 100

72 45.8 37.0 55.4

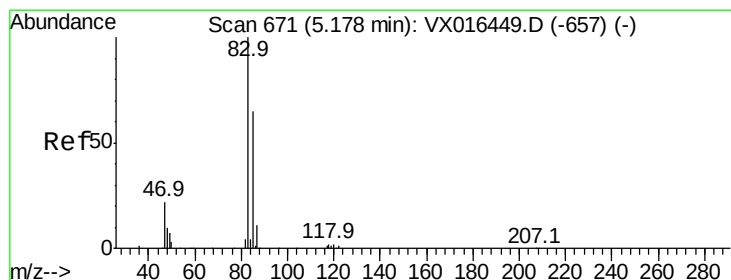
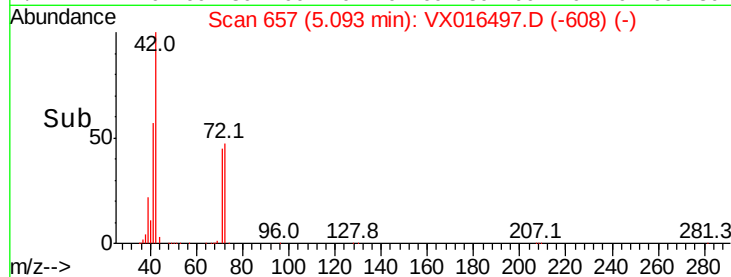
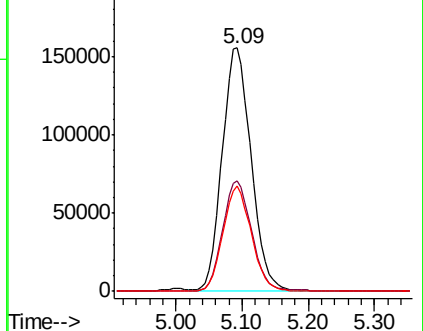
71 42.4 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.209 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016497.D

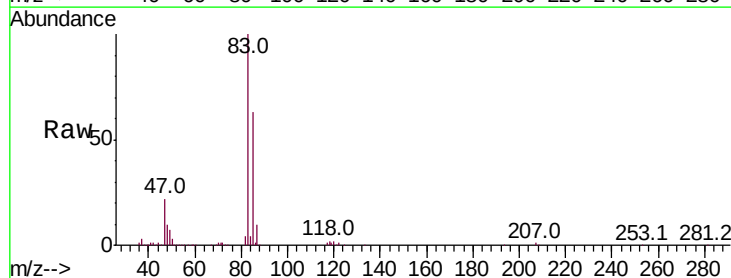
Acq: 28 May 2020 19:42

Tgt Ion: 83 Resp: 284085

Ion Ratio Lower Upper

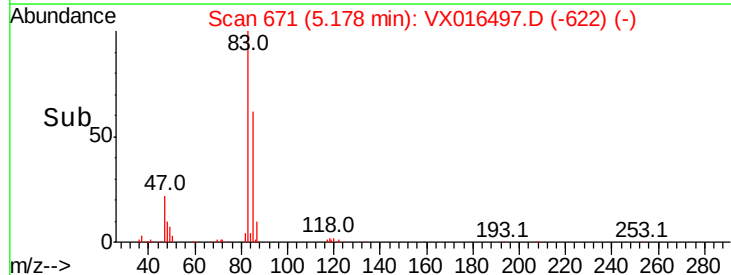
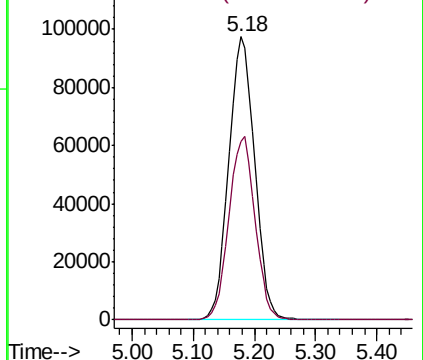
83 100

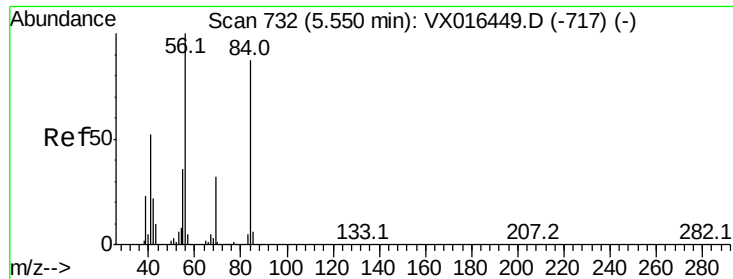
85 63.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

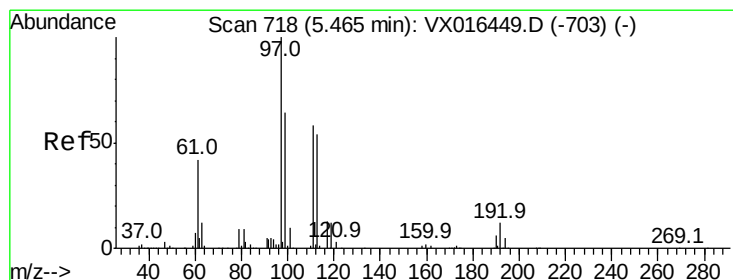
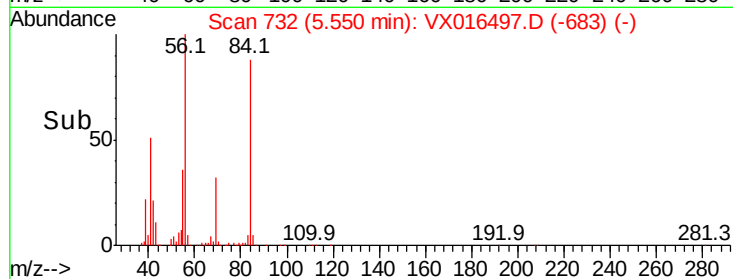
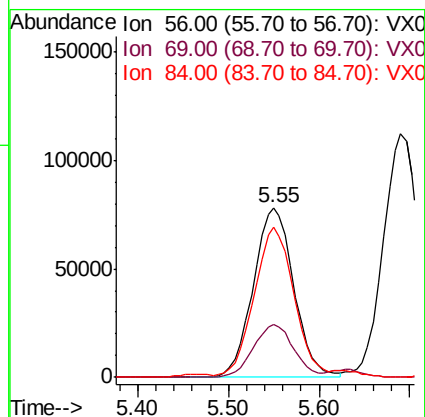
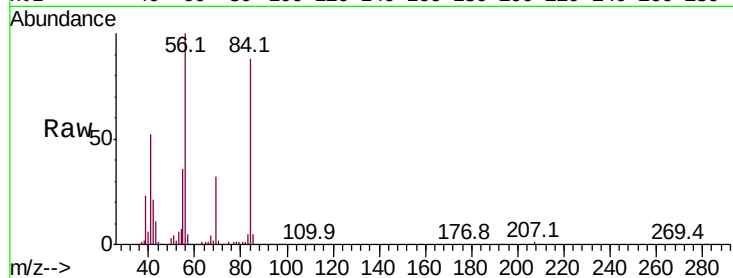




#31
Cyclohexane
Concen: 49.494 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

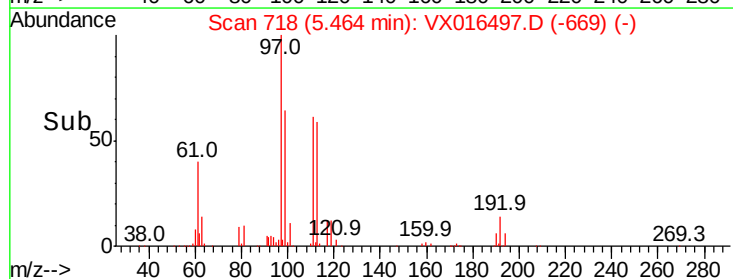
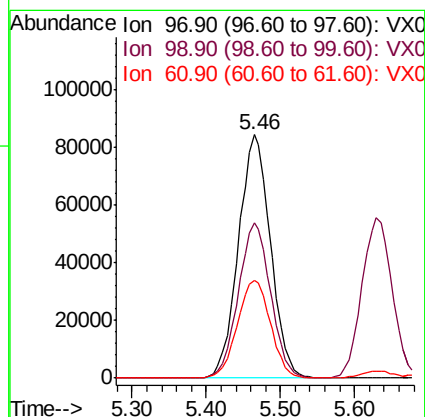
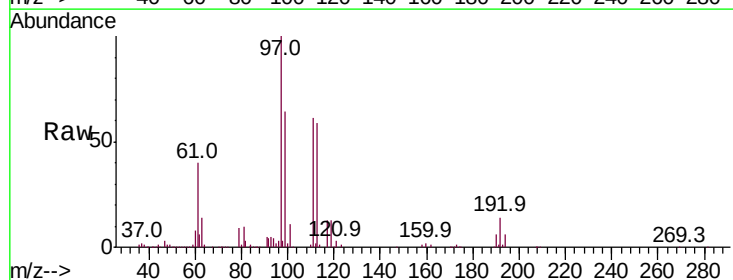
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

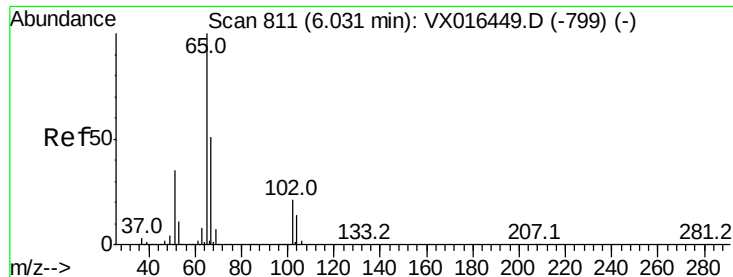
Tot Ion: 56 Resp: 240453
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 87.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.600 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 97 Resp: 254195
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 41.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 52.279 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

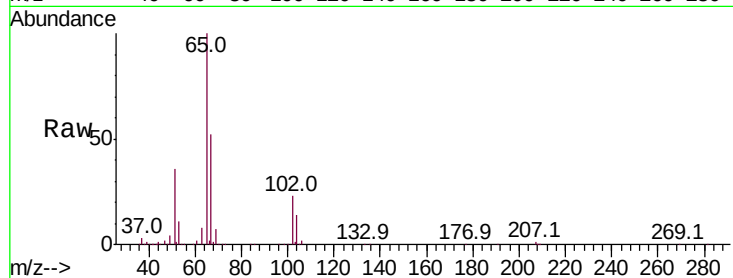
WP022RW358-200526MS

Tot Ion: 65 Resp: 182732

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

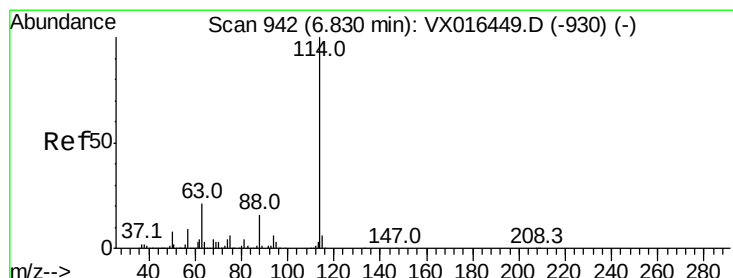
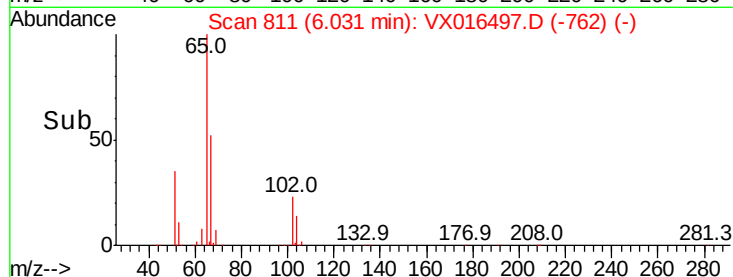
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

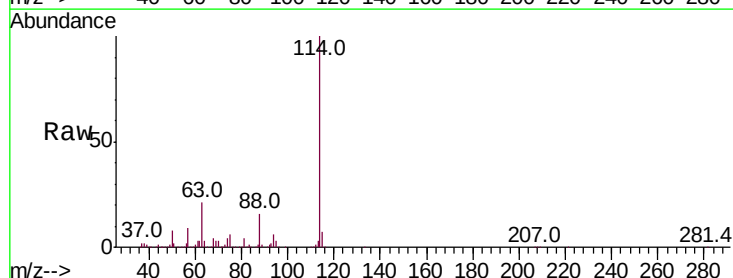
Tgt Ion: 114 Resp: 456291

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

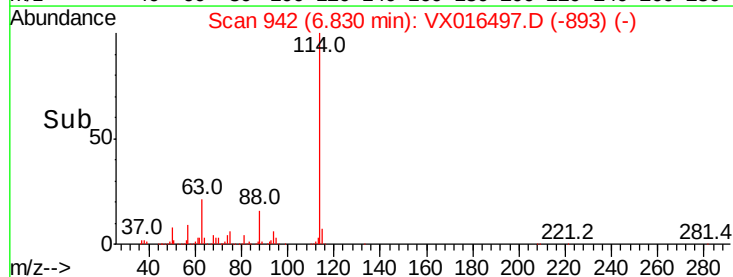
100000

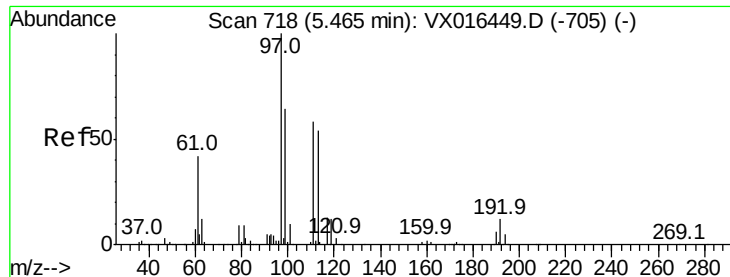
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.291 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

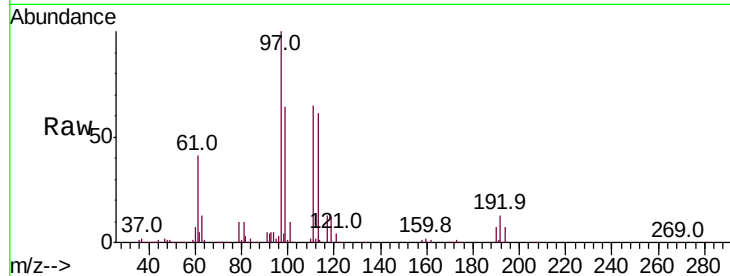
Tot Ion:113 Resp: 144108

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

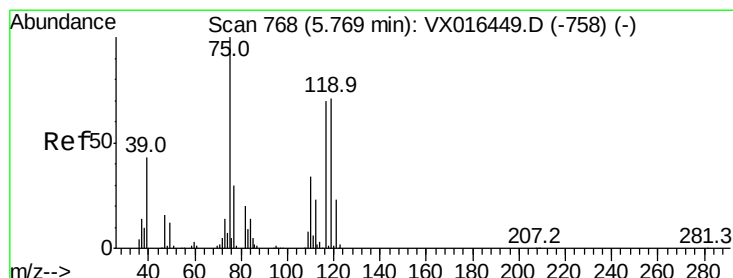
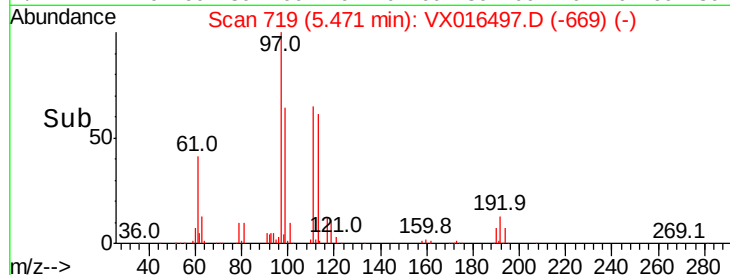
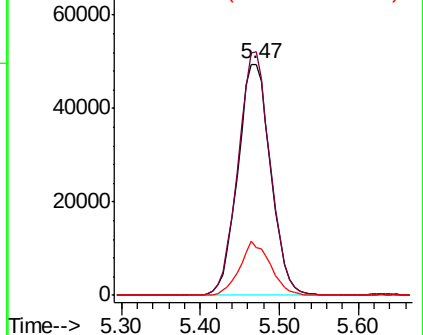
192 21.6 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.565 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

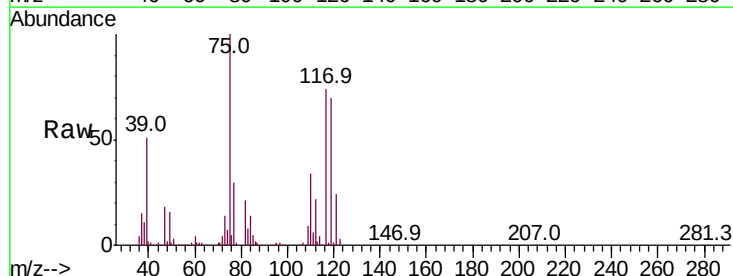
Tgt Ion: 75 Resp: 214131

Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.3

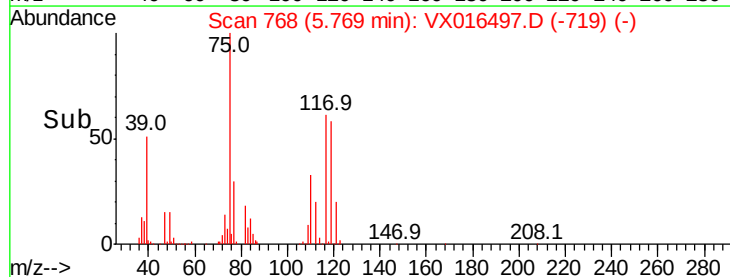
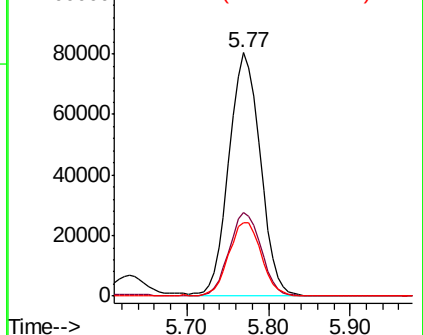
77 31.4 24.2 36.4

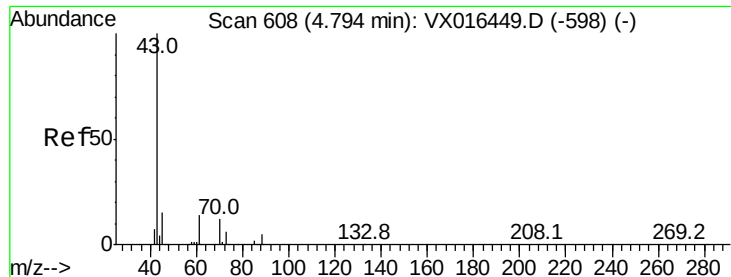


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

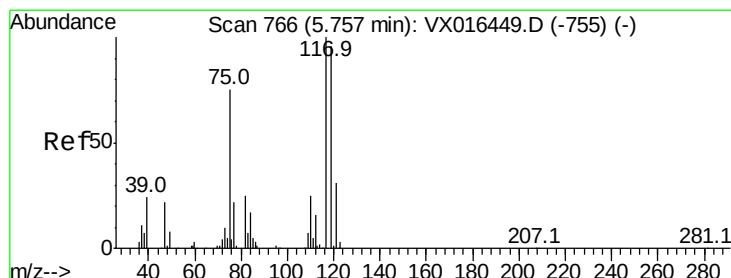
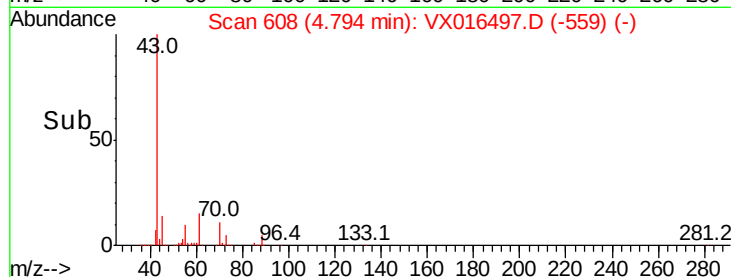
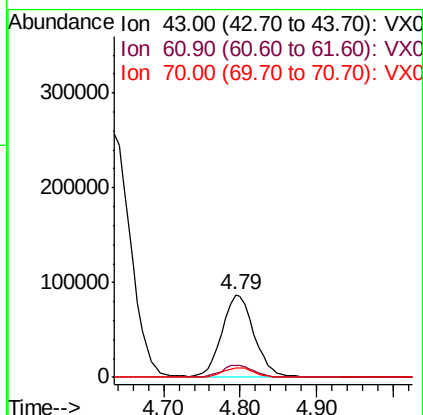
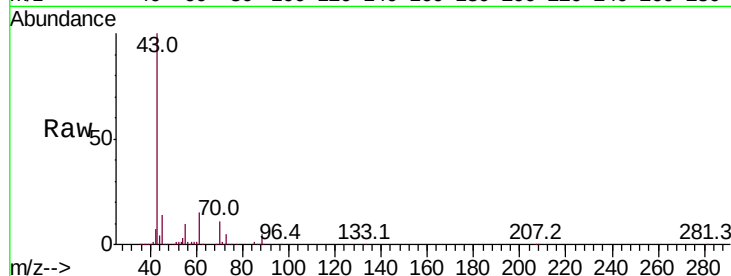




#37
Ethyl Acetate
Concen: 48.974 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

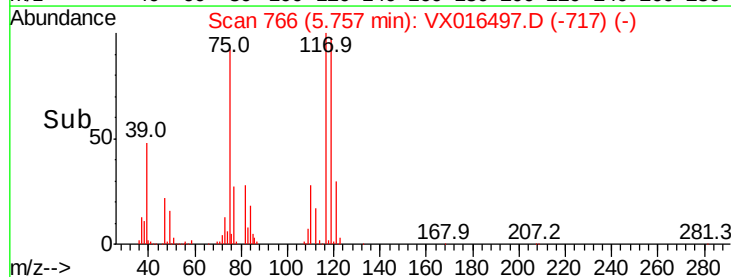
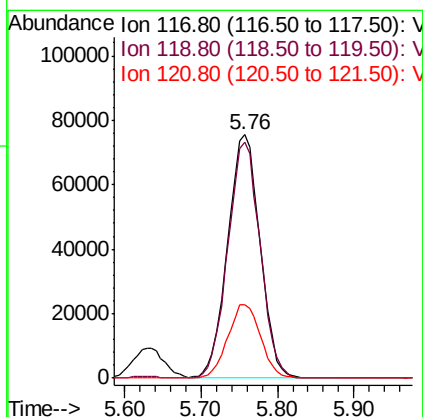
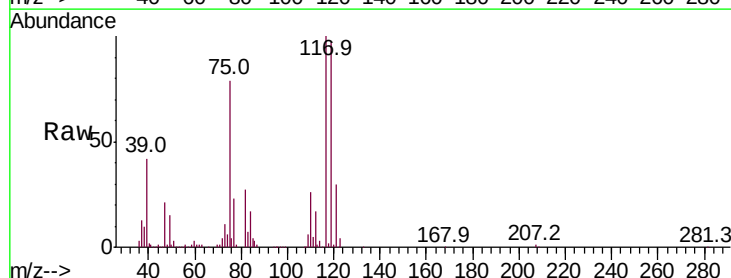
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

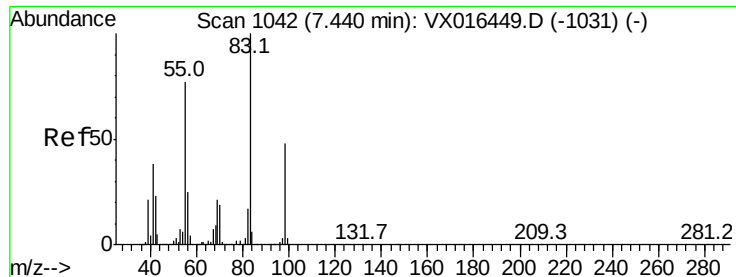
Tot Ion: 43 Resp: 254016
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.740 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 117 Resp: 221286
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5
121 30.3 24.6 37.0

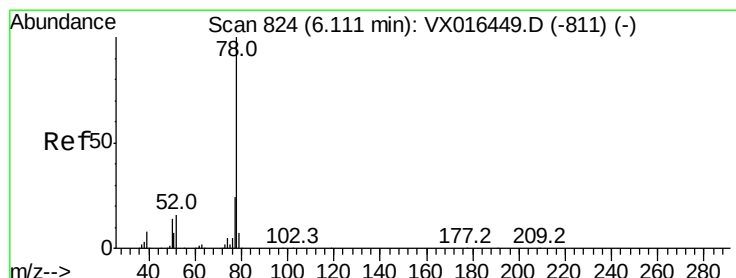
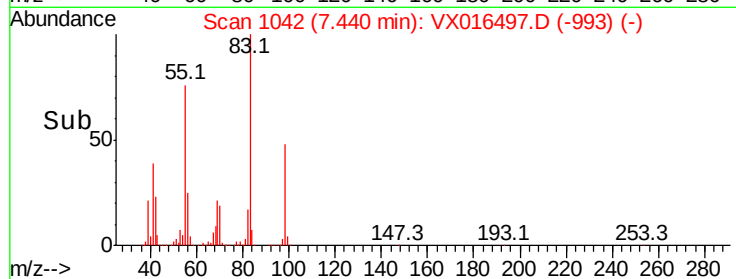
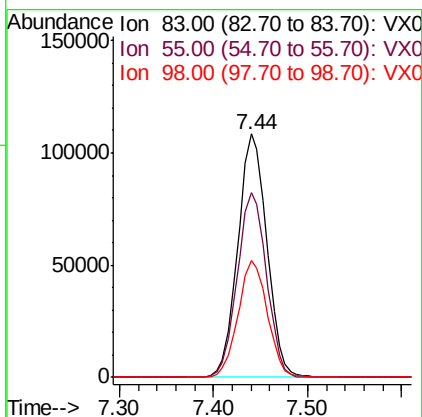
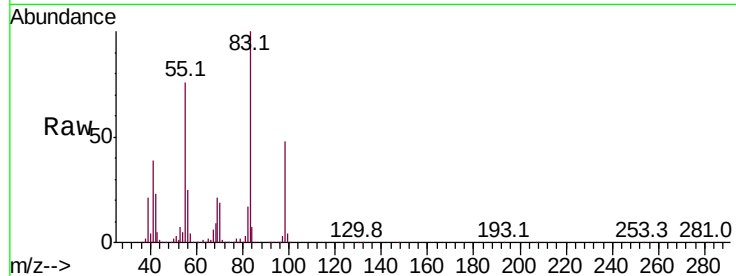




#39
Methylvlcyclohexane
Concen: 49.456 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

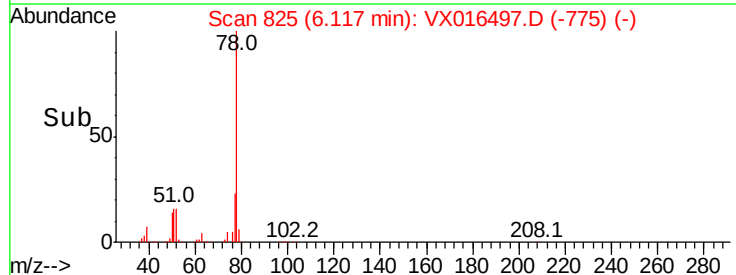
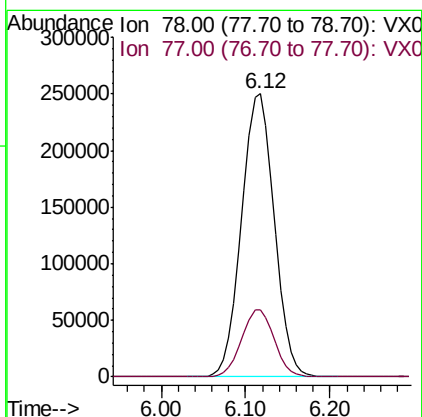
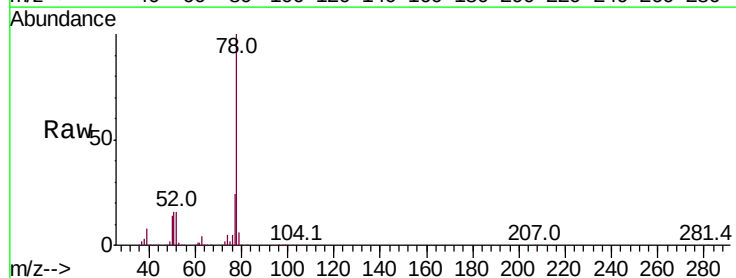
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

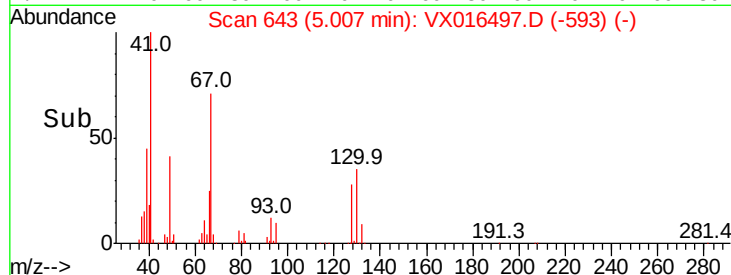
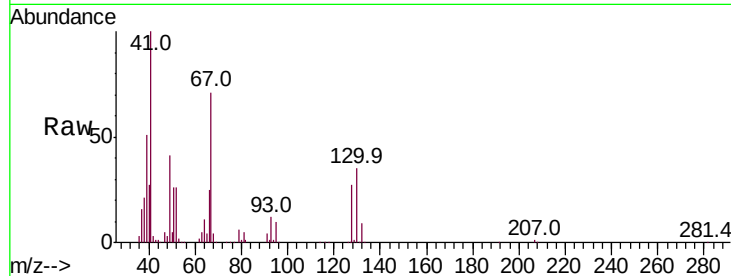
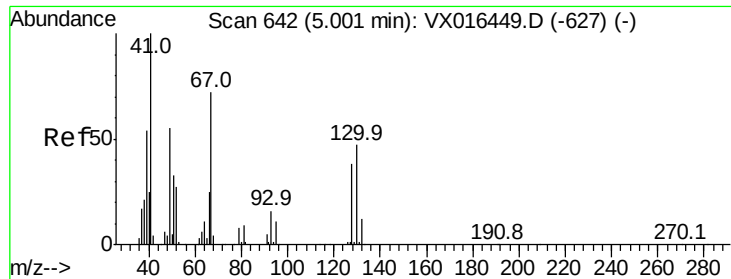
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.7	92.5
98	48.1	38.7	58.1



#40
Benzene
Concen: 51.130 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3

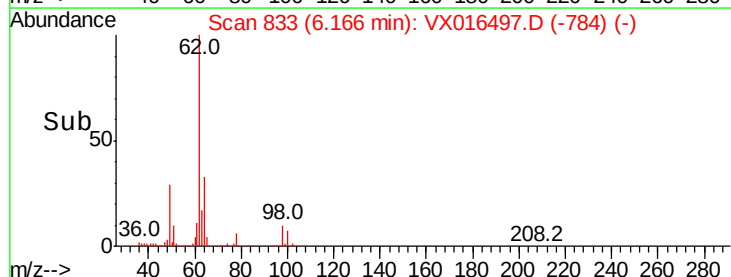
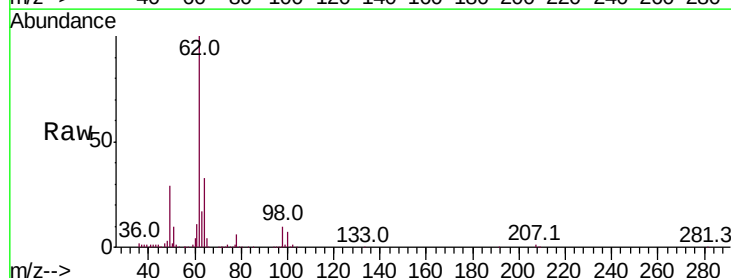
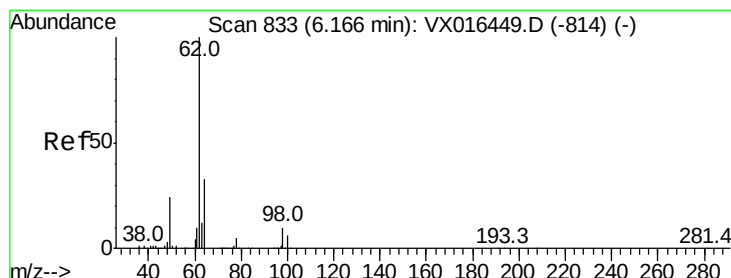
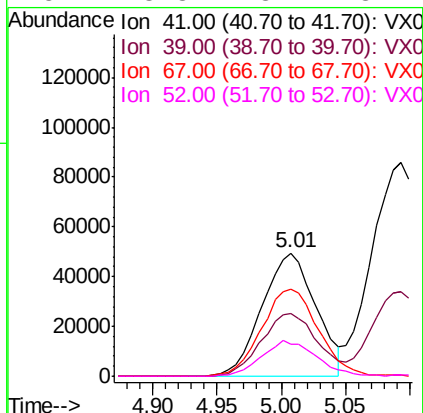




#41
Methacrylonitrile
Concen: 50.219 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

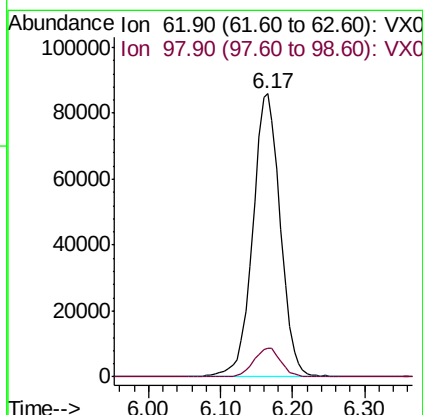
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

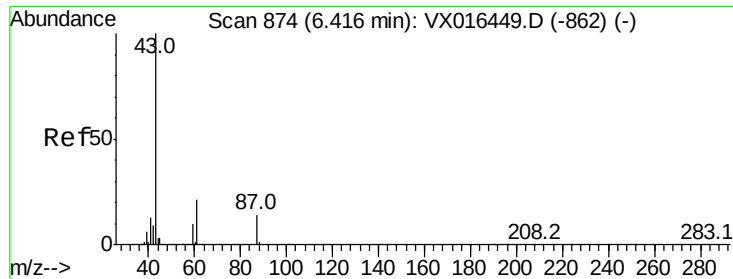
Tot Ion:	41	Resp:	143074
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.0	64.4
67	74.8	58.9	88.3
52	28.8	23.1	34.7



#42
1,2-Dichloroethane
Concen: 49.744 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion:	62	Resp:	227593
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





#43

Isopropyl Acetate

Concen: 50.239 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

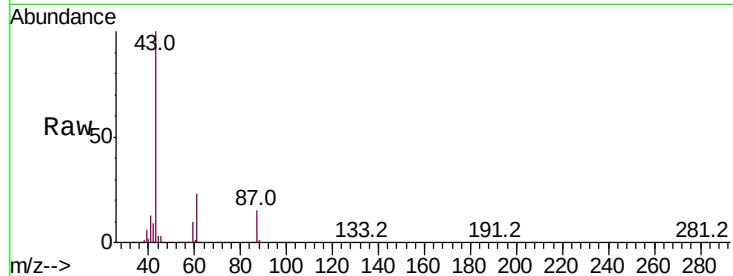
Tot Ion: 43 Resp: 406455

Ion Ratio Lower Upper

43 100

61 21.8 16.8 25.2

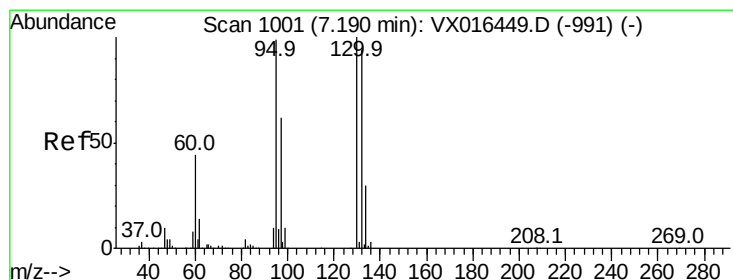
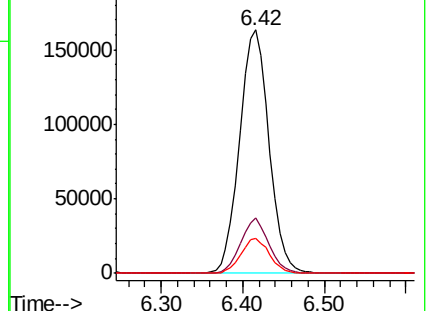
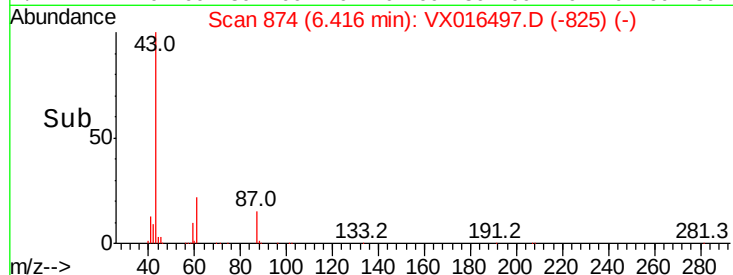
87 14.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.470 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016497.D

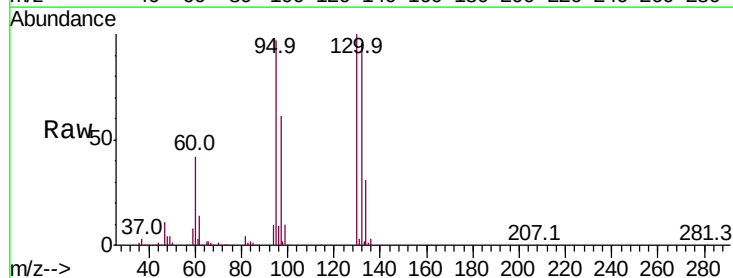
Acq: 28 May 2020 19:42

Tgt Ion:130 Resp: 193770

Ion Ratio Lower Upper

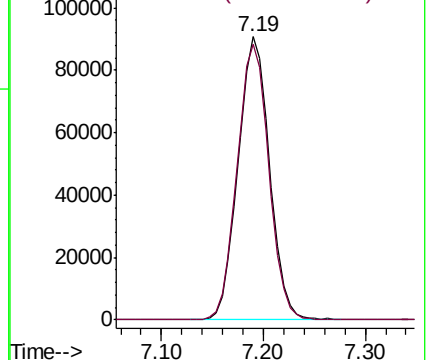
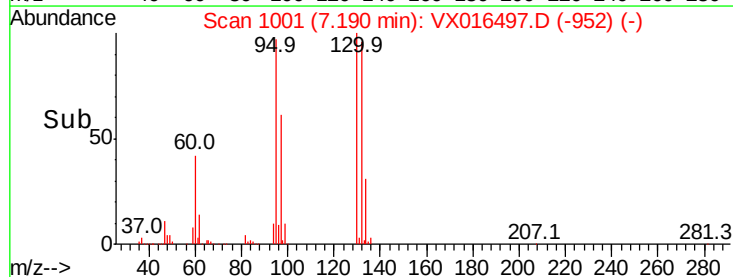
130 100

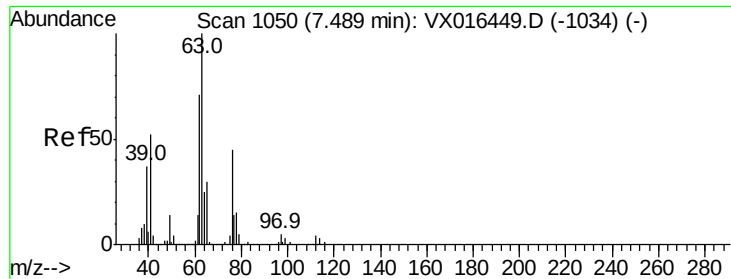
95 97.4 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.308 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

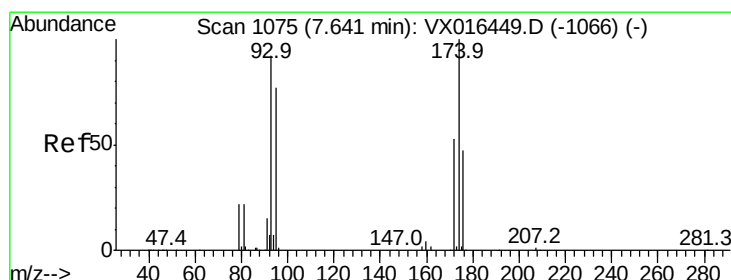
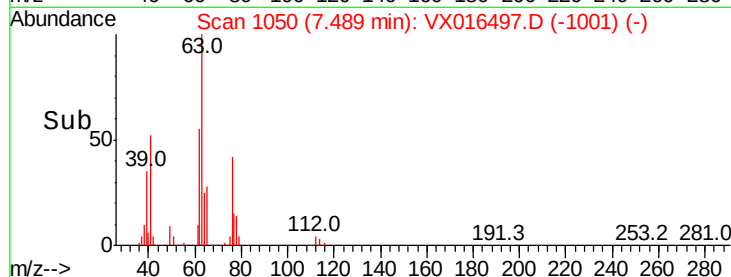
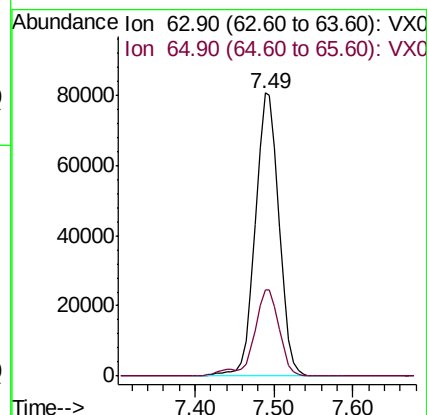
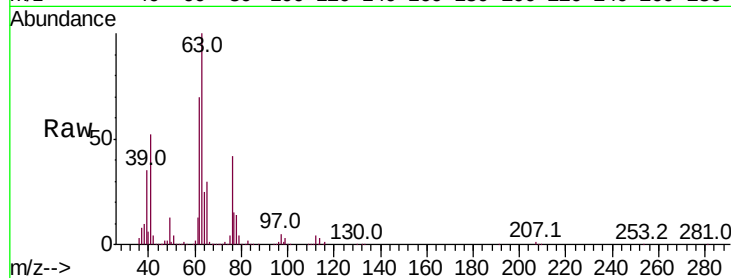
WP022RW358-200526MS

Tot Ion: 63 Resp: 168045

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.2



#46

Dibromomethane

Concen: 49.985 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

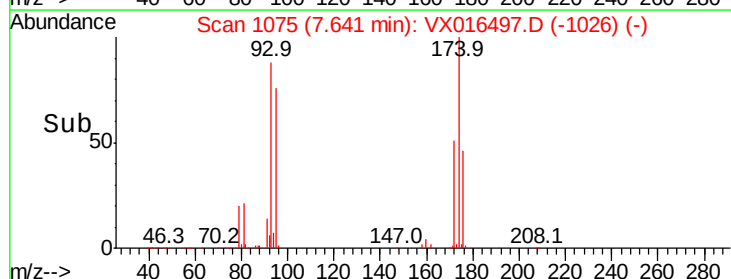
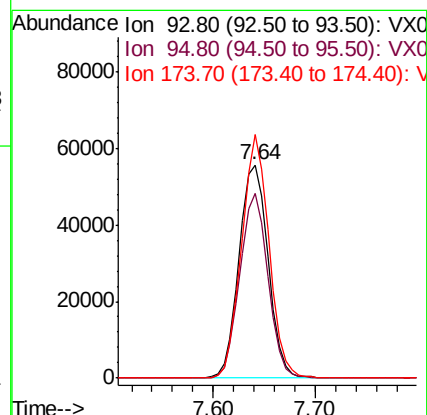
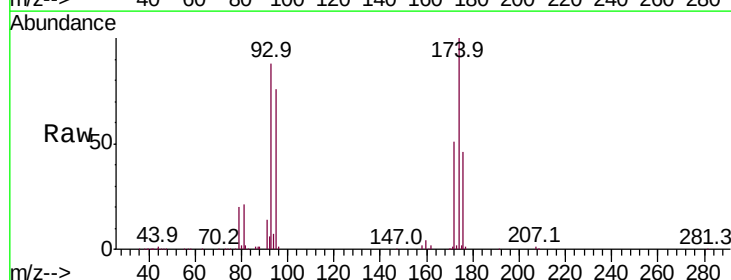
Tgt Ion: 93 Resp: 109960

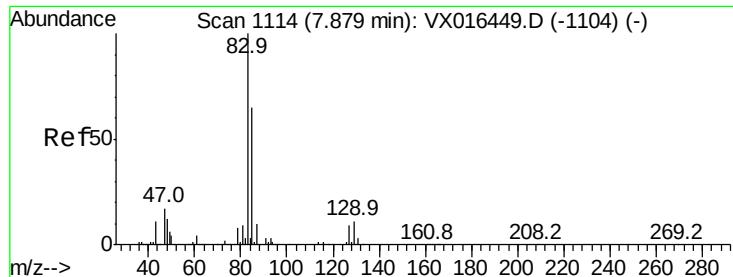
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 107.5 86.2 129.4





#47

Bromodichloromethane

Concen: 51.004 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

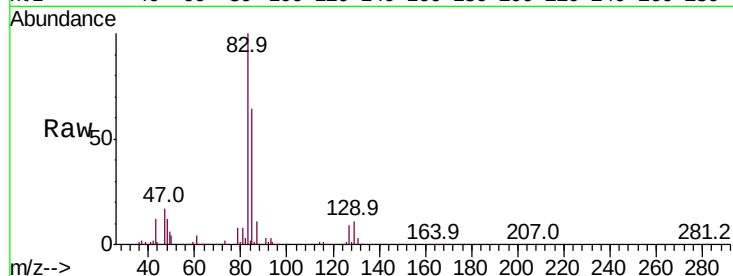
Tot Ion: 83 Resp: 232326

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0

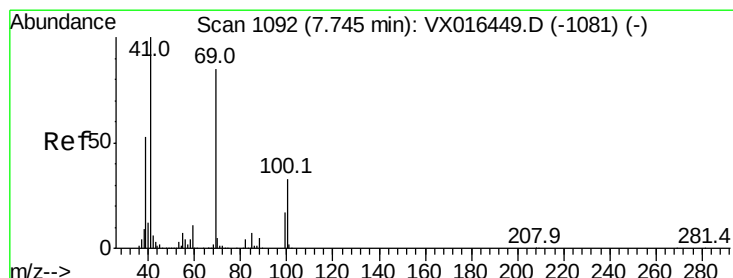
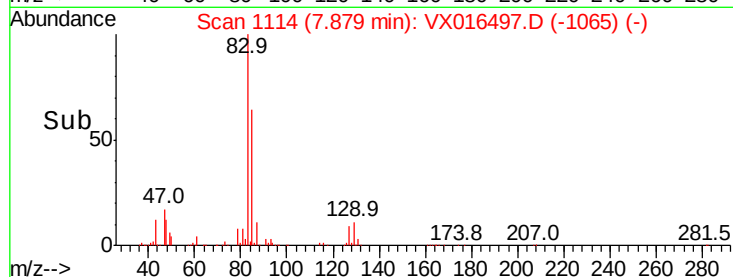
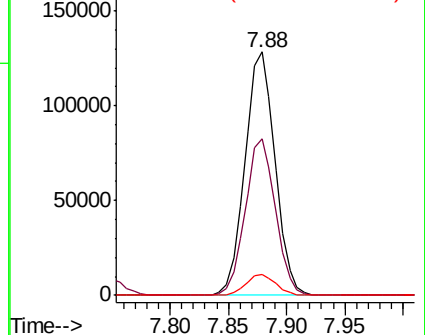
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.415 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

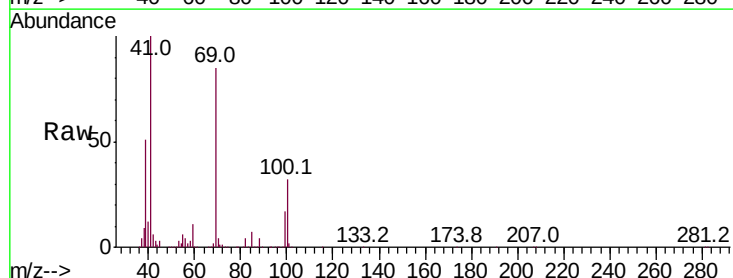
Tgt Ion: 41 Resp: 203042

Ion Ratio Lower Upper

41 100

69 86.0 68.6 102.8

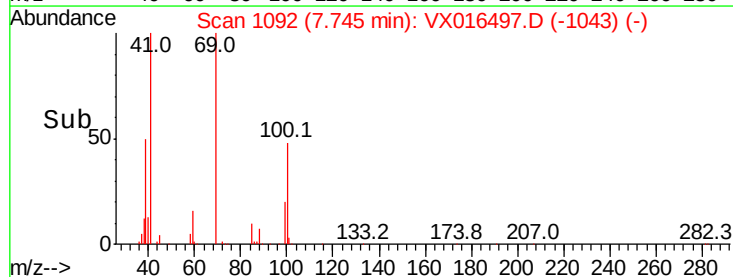
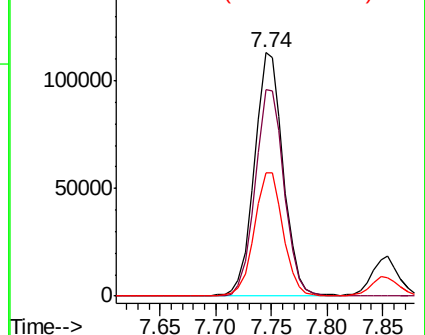
39 50.8 42.4 63.6

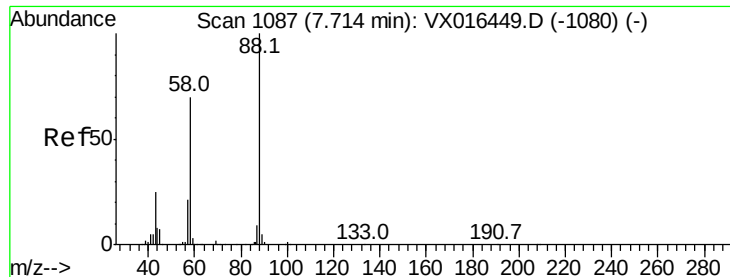


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 958.441 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

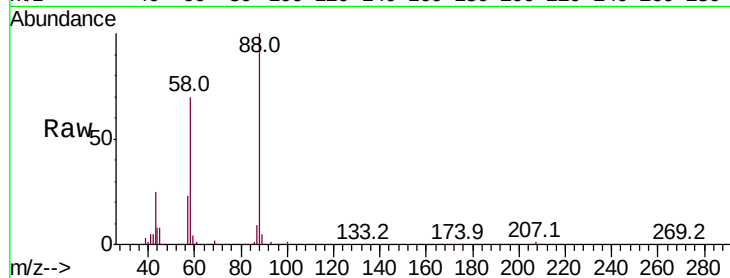
Tot Ion: 88 Resp: 86887

Ion Ratio Lower Upper

88 100

43 30.9 24.2 36.4

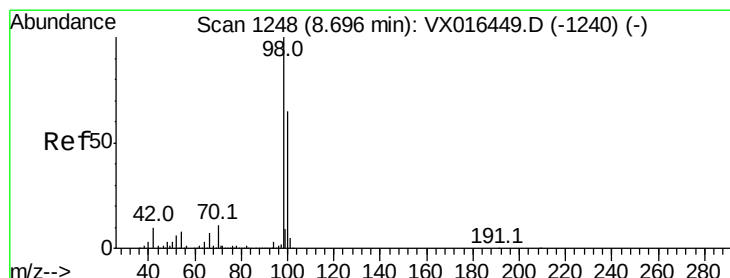
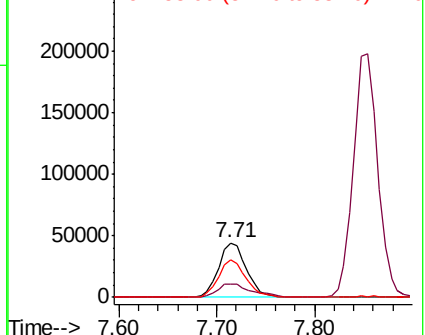
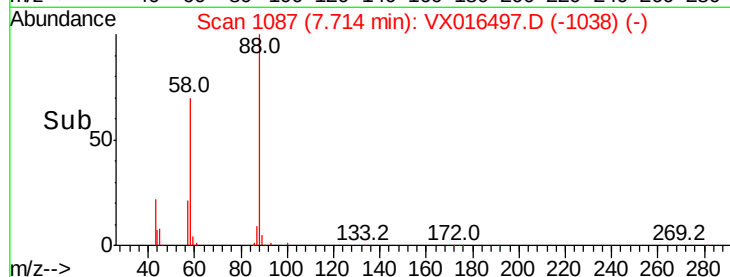
58 69.6 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.268 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016497.D

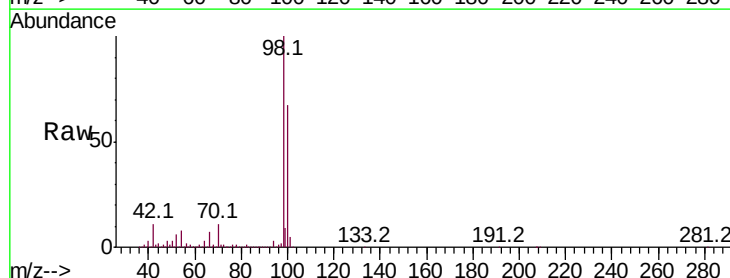
Acq: 28 May 2020 19:42

Tgt Ion: 98 Resp: 560642

Ion Ratio Lower Upper

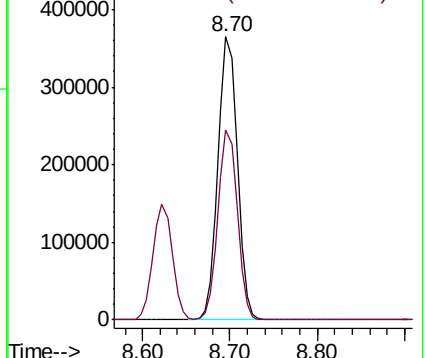
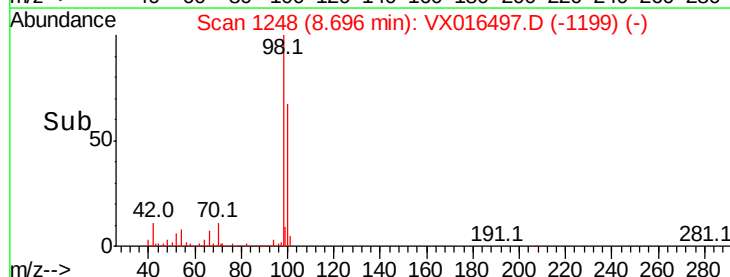
98 100

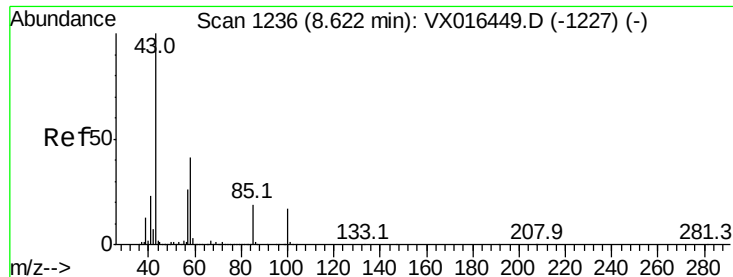
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 267.133 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

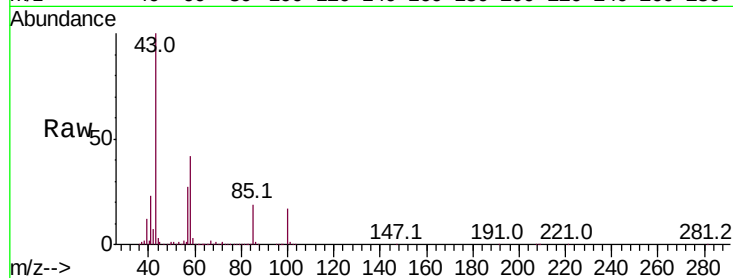
WP022RW358-200526MS

Tot Ion: 43 Resp: 1345710

Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

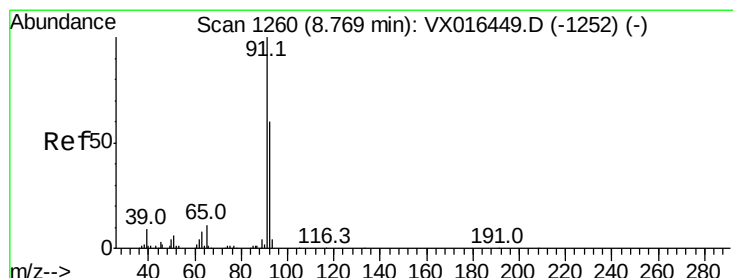
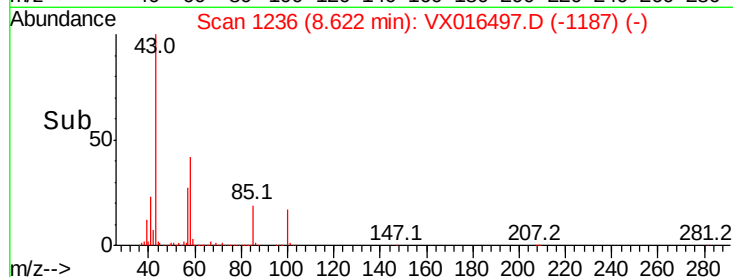
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.799 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016497.D

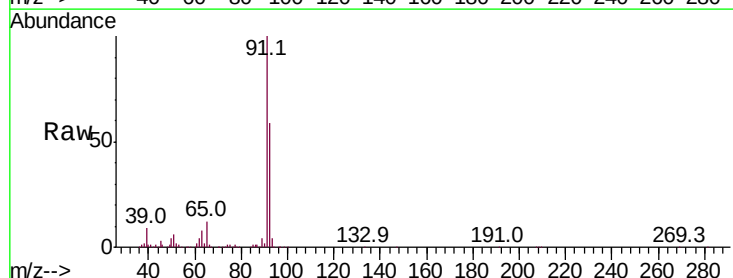
Acq: 28 May 2020 19:42

Tgt Ion: 92 Resp: 412127

Ion Ratio Lower Upper

92 100

91 168.9 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

500000

400000

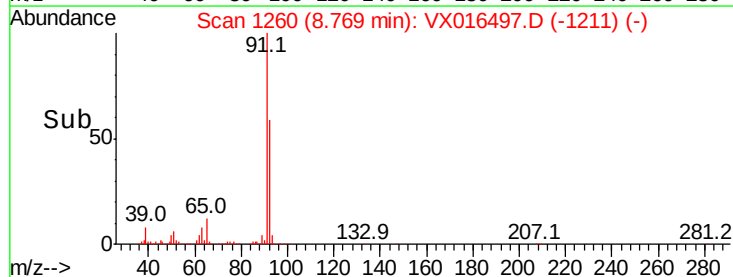
300000

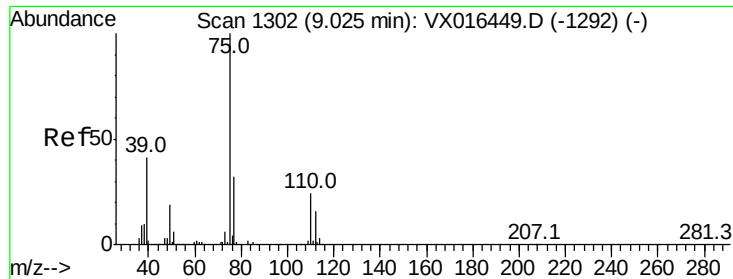
200000

100000

0

Time-->

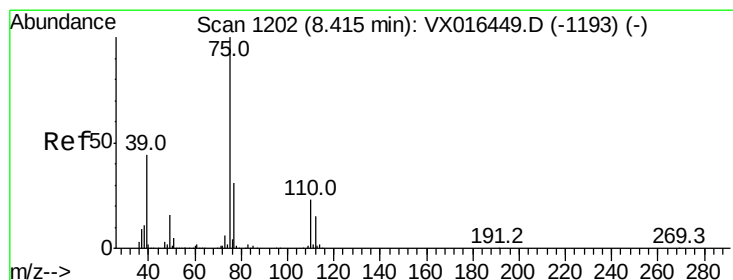
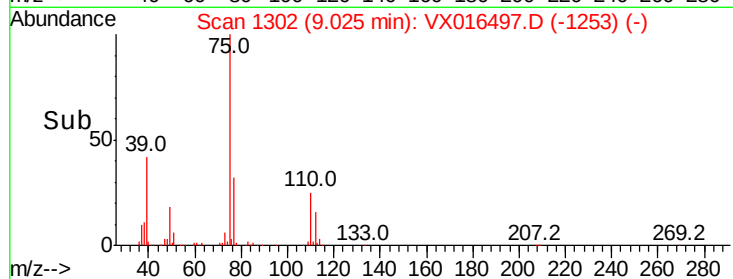
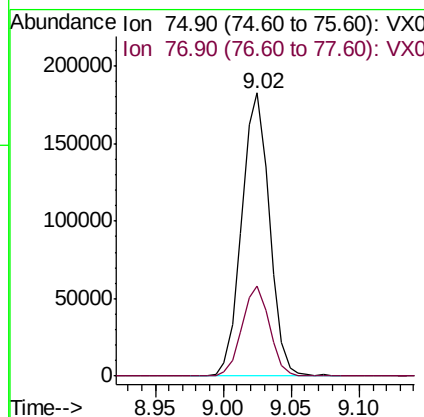
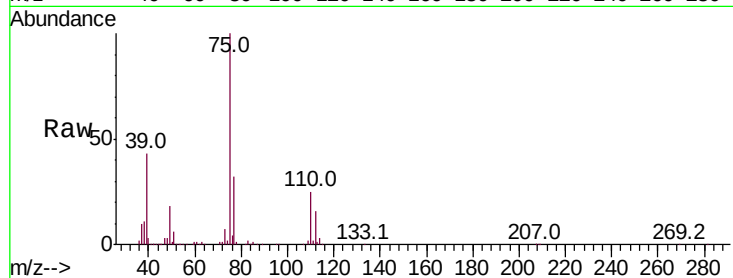




#53
t-1,3-Dichloropropene
Concen: 50.276 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

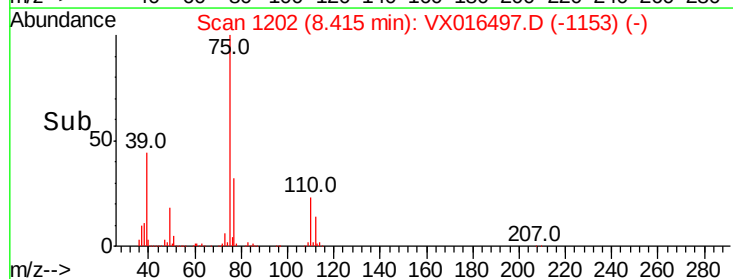
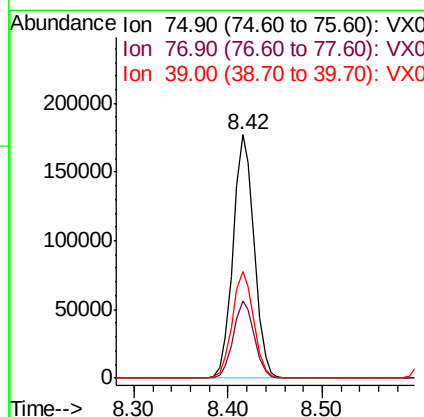
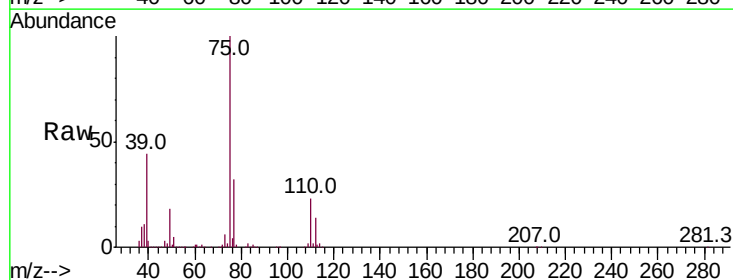
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

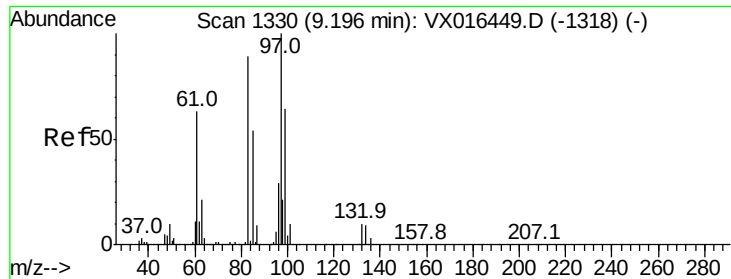
Tot Ion: 75 Resp: 260403
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.111 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 75 Resp: 274726
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 43.5 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 51.537 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 97 Resp: 166240

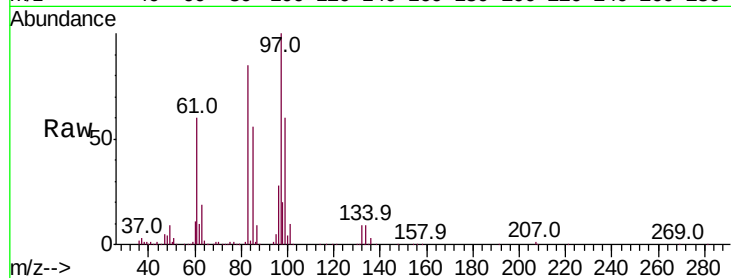
Ion Ratio Lower Upper

97 100

83 84.6 70.9 106.3

85 55.9 43.4 65.2

99 60.2 51.0 76.6

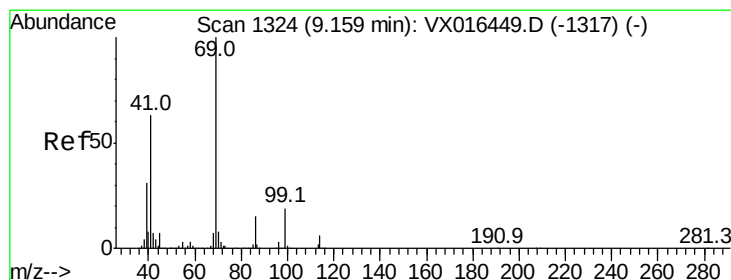
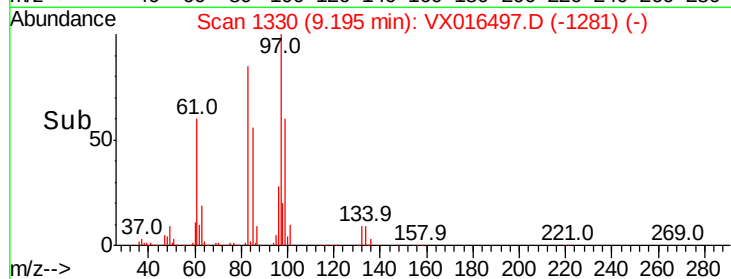
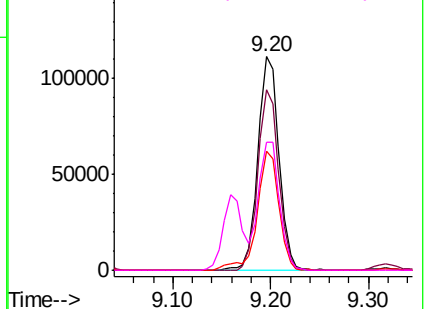


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.135 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

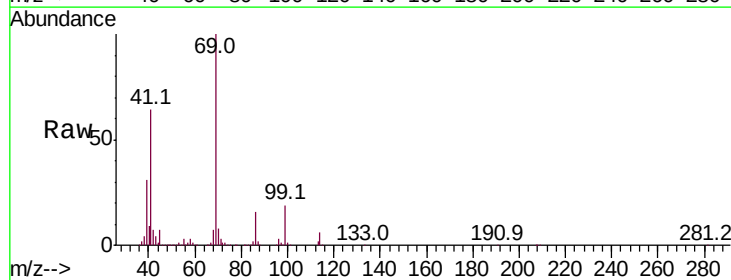
Tgt Ion: 69 Resp: 279142

Ion Ratio Lower Upper

69 100

41 63.4 50.7 76.1

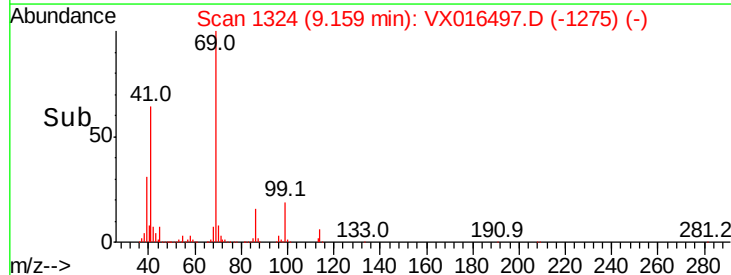
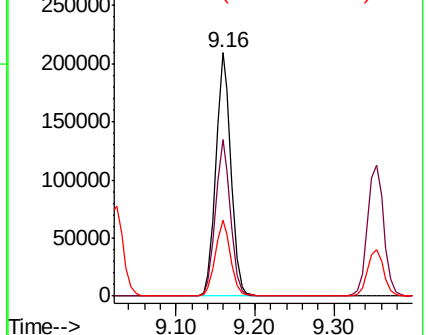
39 31.4 25.8 38.6

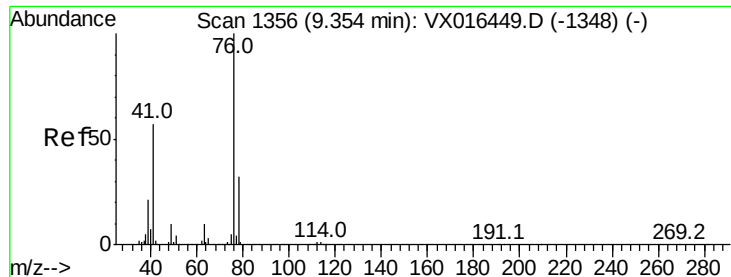


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.949 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

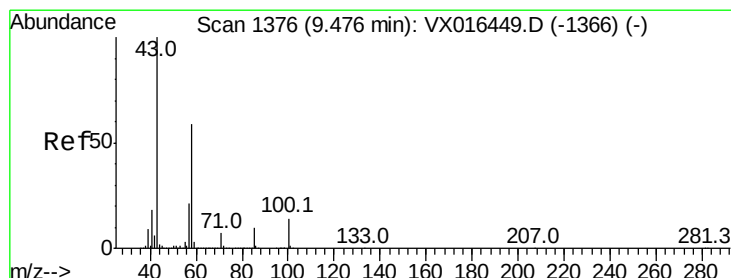
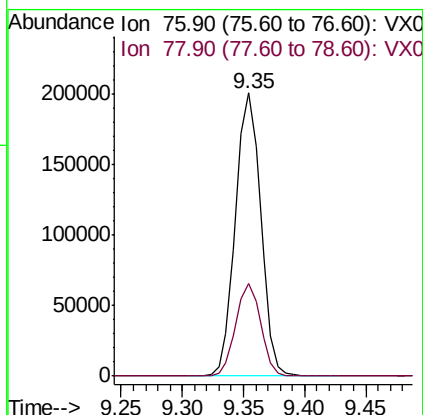
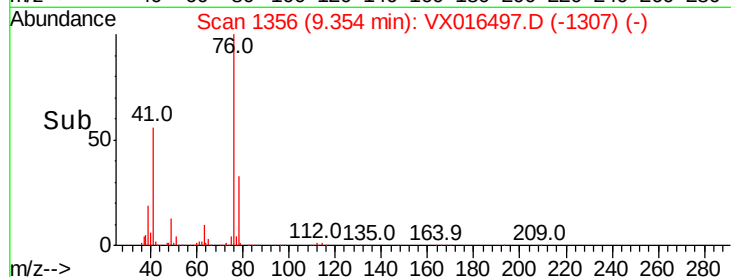
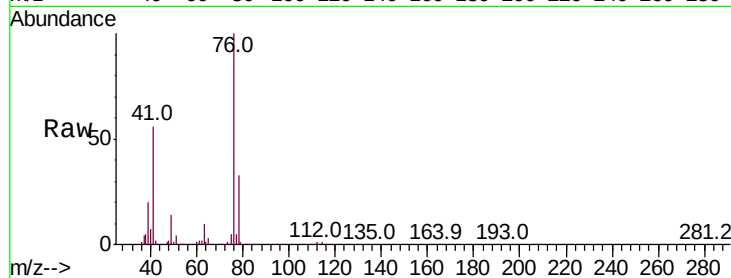
WP022RW358-200526MS

Tot Ion: 76 Resp: 287625

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#59

2-Hexanone

Concen: 269.900 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016497.D

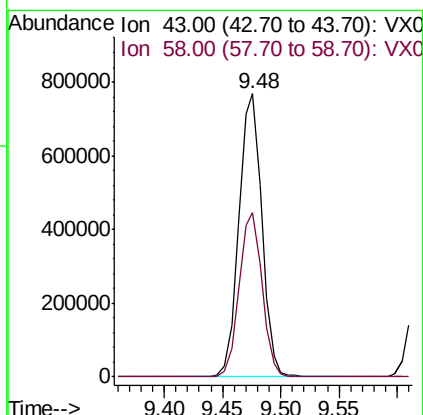
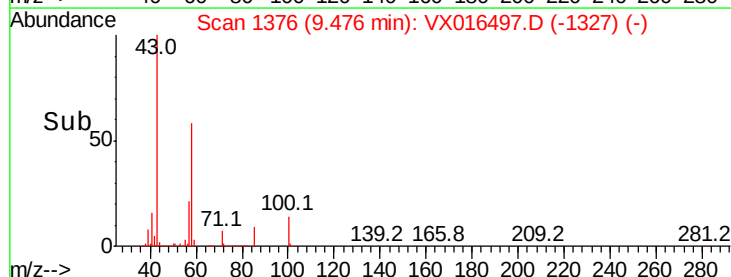
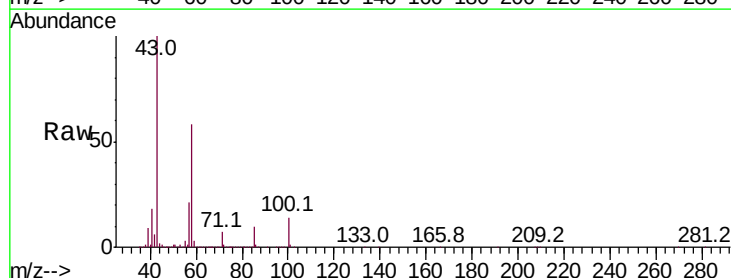
Acq: 28 May 2020 19:42

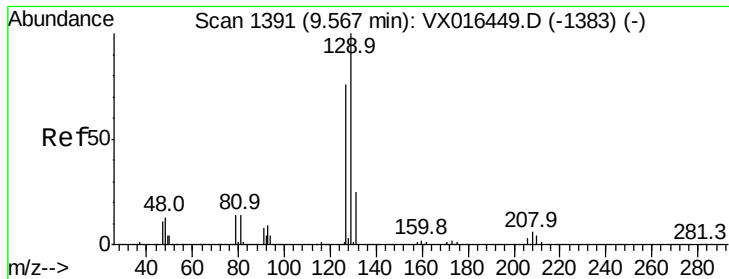
Tgt Ion: 43 Resp: 1057342

Ion Ratio Lower Upper

43 100

58 58.2 28.8 86.4





#60

Dibromochloromethane

Concen: 51.489 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

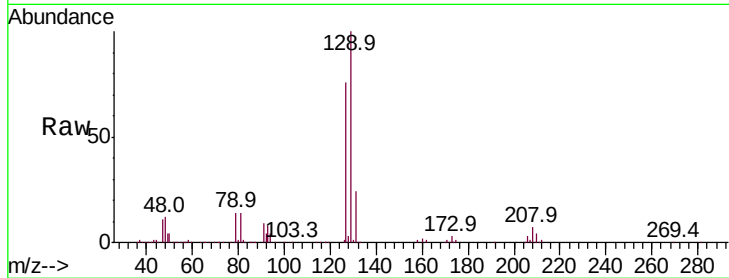
WP022RW358-200526MS

Tot Ion:129 Resp: 186908

Ion Ratio Lower Upper

129 100

127 77.1 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

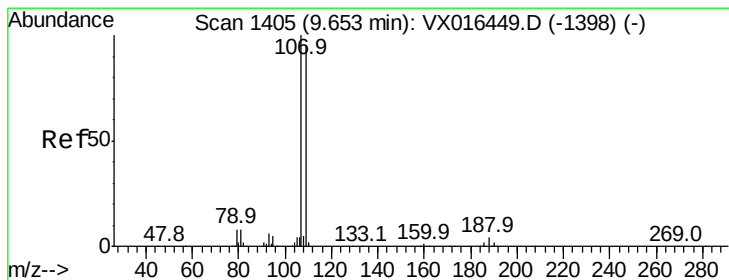
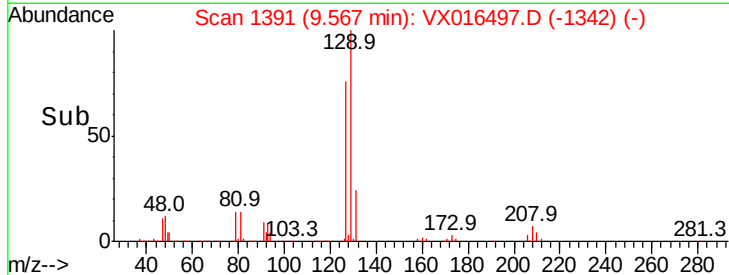
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.657 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016497.D

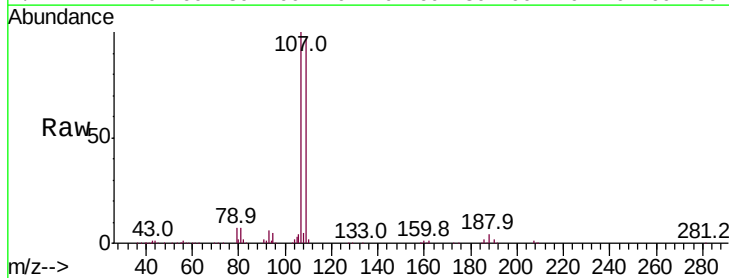
Acq: 28 May 2020 19:42

Tgt Ion:107 Resp: 178435

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

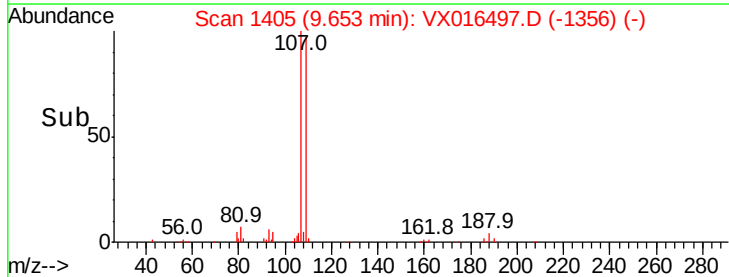
9.65

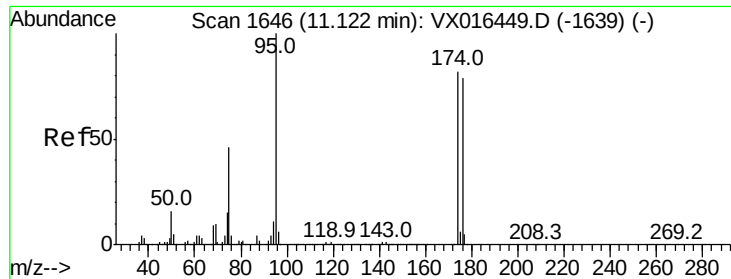
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.765 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

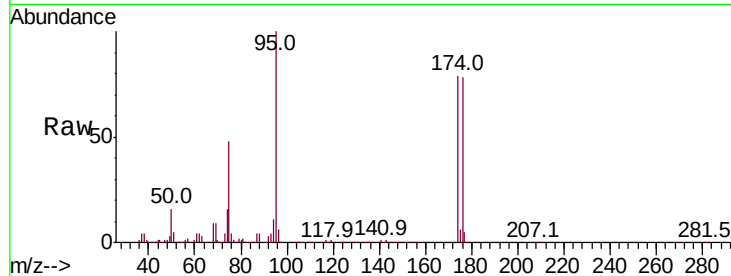
Tot Ion: 95 Resp: 214508

Ion Ratio Lower Upper

95 100

174 79.6 0.0 163.0

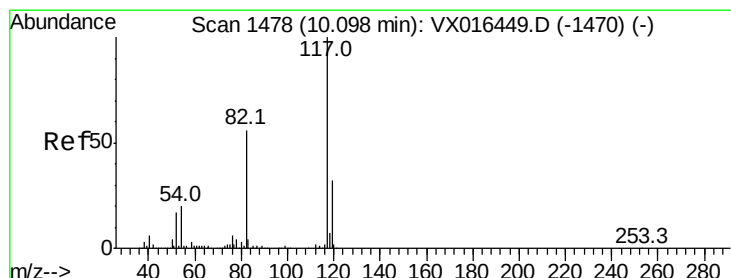
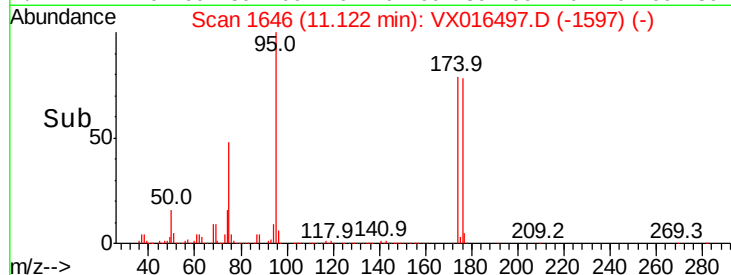
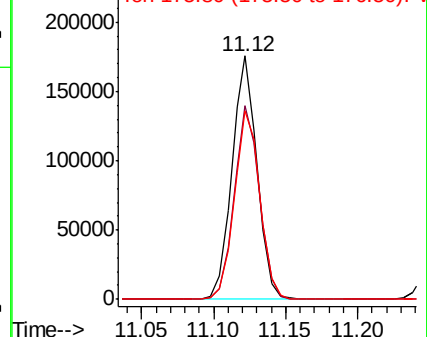
176 78.7 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016497.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016497.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016497.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

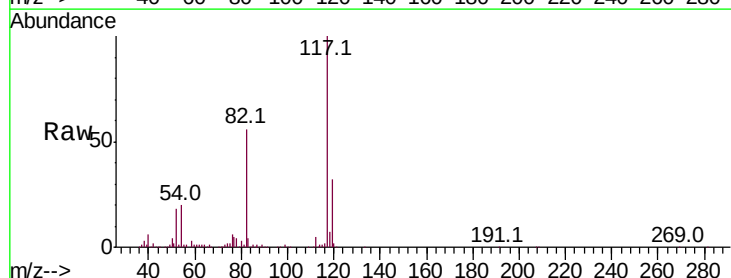
Tgt Ion: 117 Resp: 424431

Ion Ratio Lower Upper

117 100

82 55.6 45.0 67.6

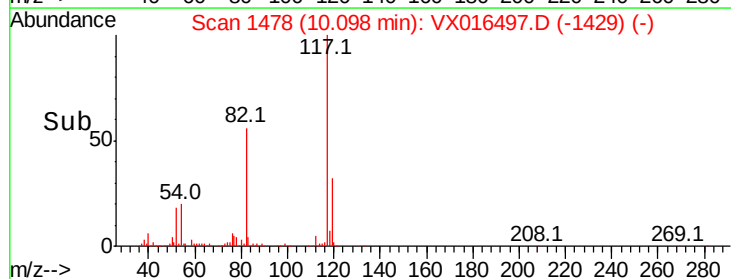
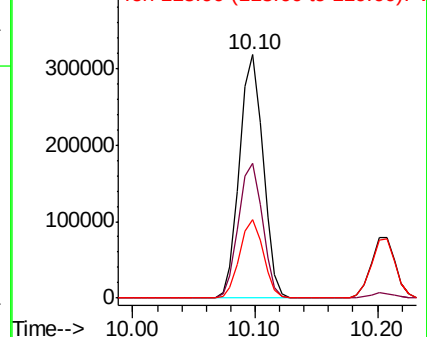
119 32.3 25.8 38.8

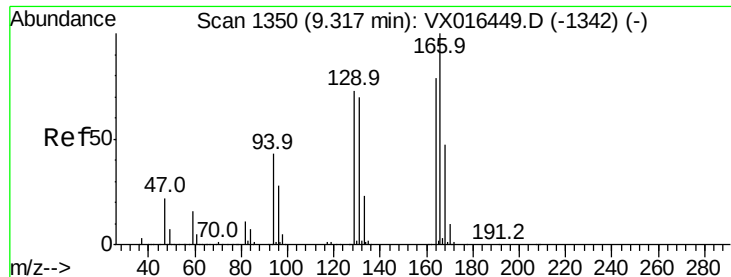


Abundance Ion 116.90 (116.60 to 117.60): VX016497.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016497.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016497.D (-1429) (-)





#64

Tetrachloroethene

Concen: 44.689 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion:164 Resp: 212204

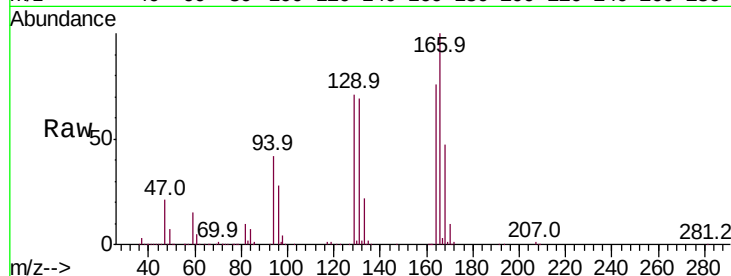
Ion Ratio Lower Upper

164 100

166 132.0 100.9 151.3

129 93.2 73.2 109.8

131 90.9 70.8 106.2



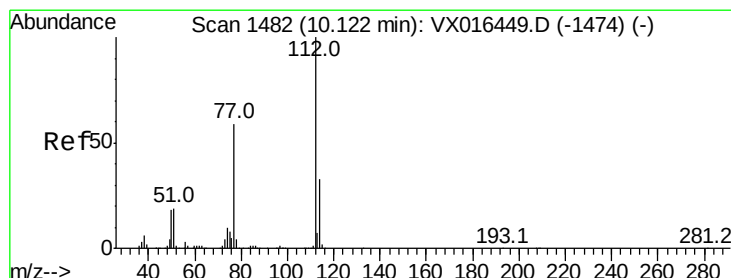
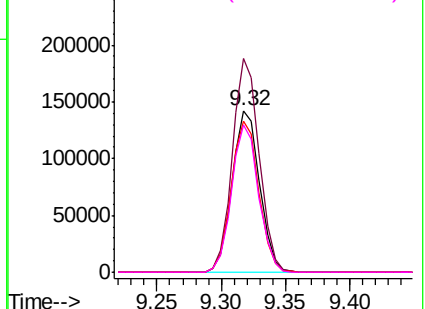
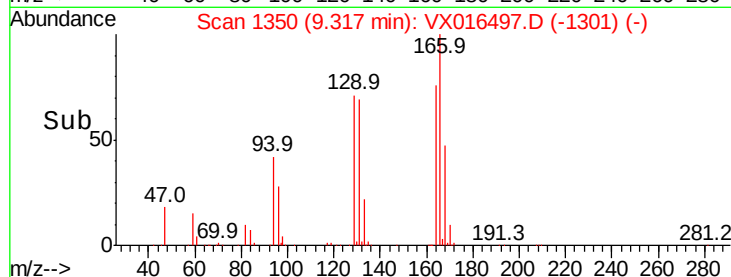
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 111.314 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016497.D

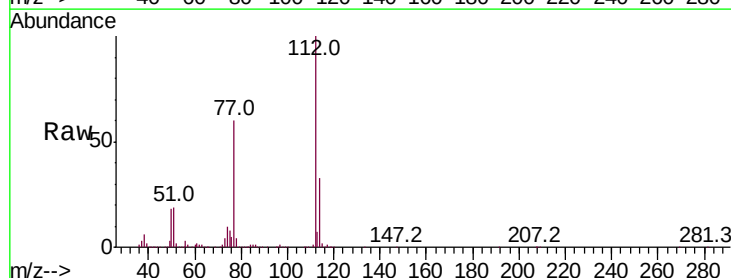
Acq: 28 May 2020 19:42

Tgt Ion:112 Resp: 963196

Ion Ratio Lower Upper

112 100

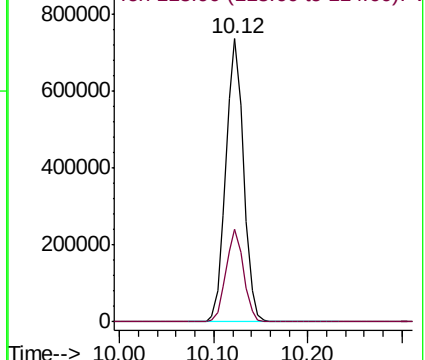
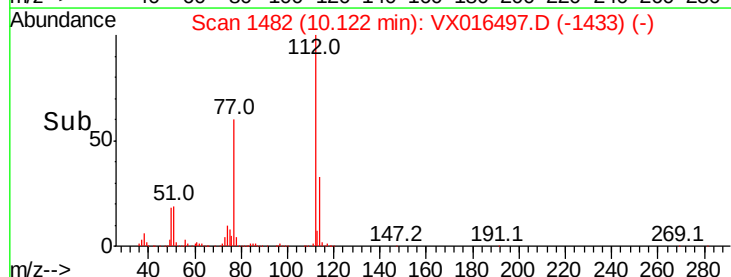
114 32.7 26.0 39.0

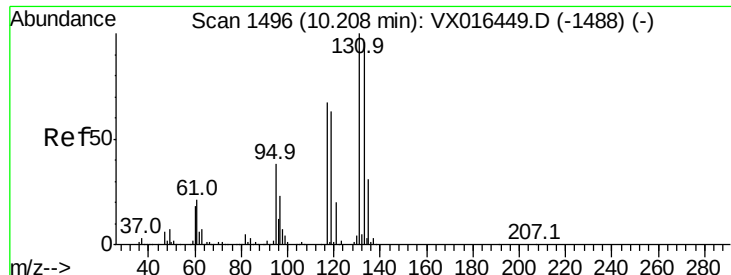


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.504 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

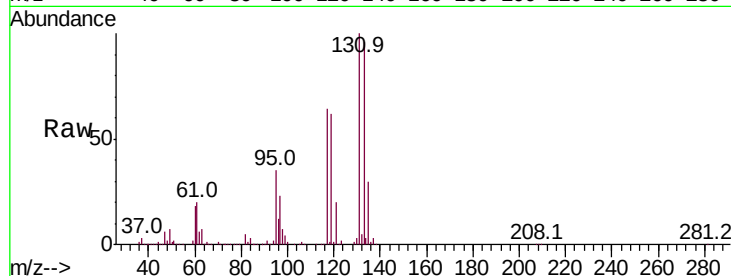
Tot Ion:131 Resp: 166819

Ion Ratio Lower Upper

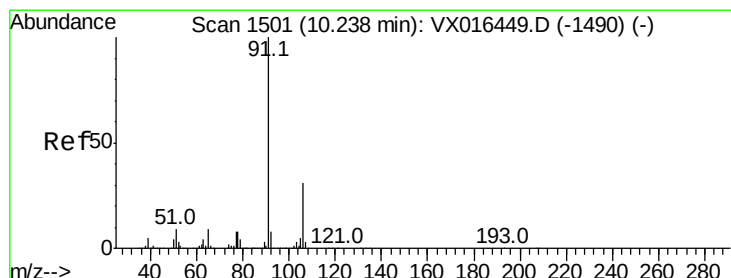
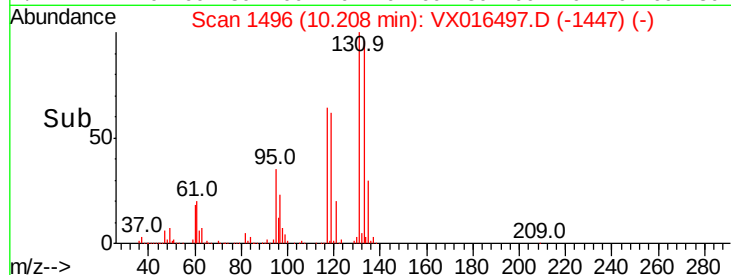
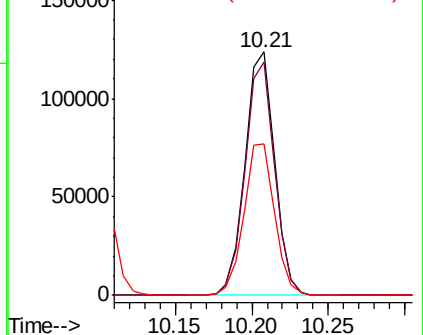
131 100

133 95.8 48.4 145.3

119 64.0 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.586 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016497.D

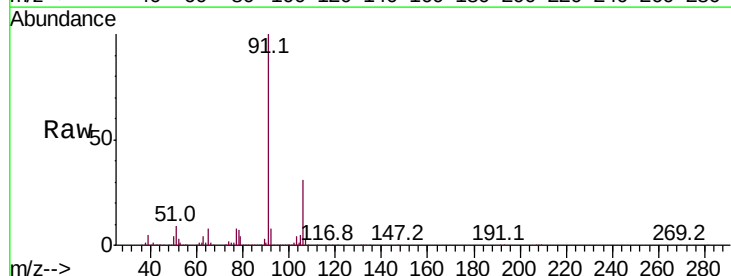
Acq: 28 May 2020 19:42

Tgt Ion: 91 Resp: 763929

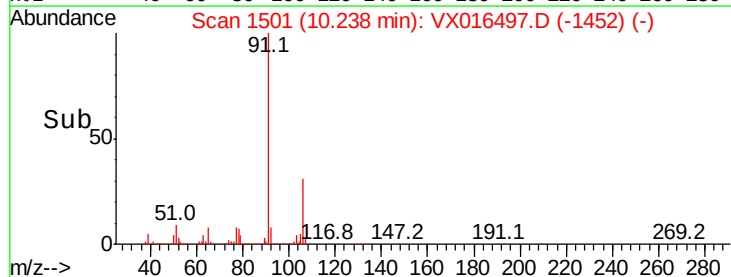
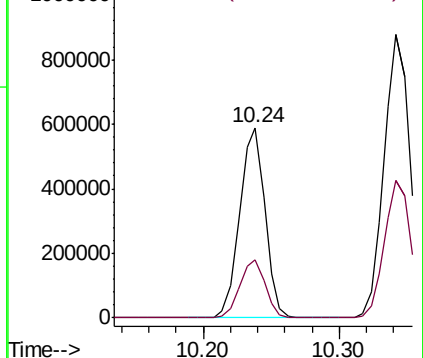
Ion Ratio Lower Upper

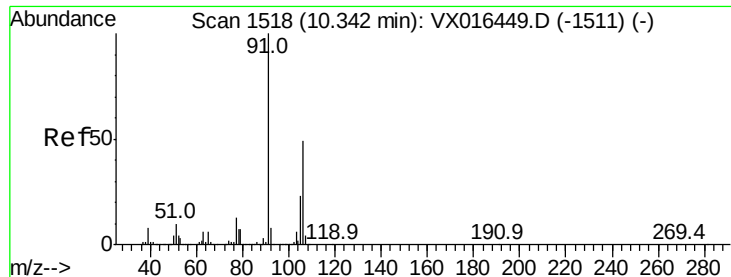
91 100

106 30.8 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 100.230 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

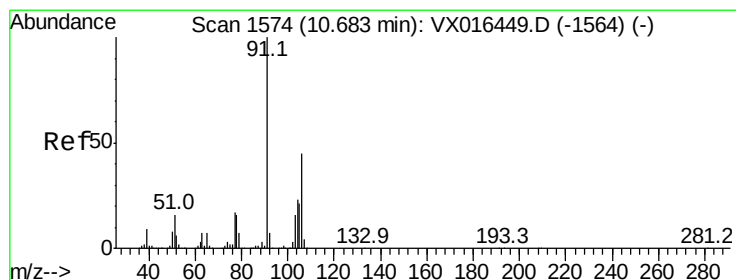
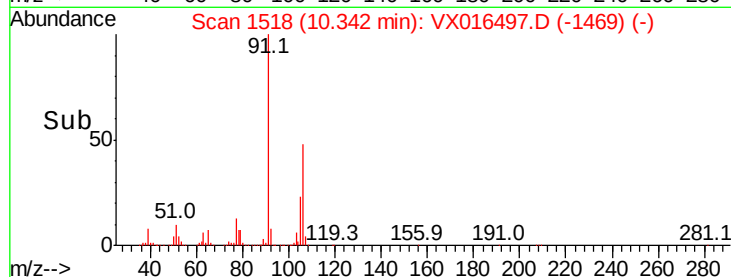
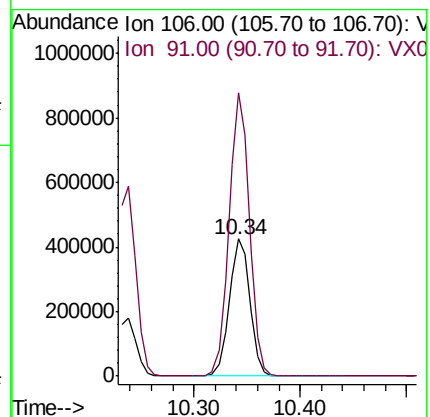
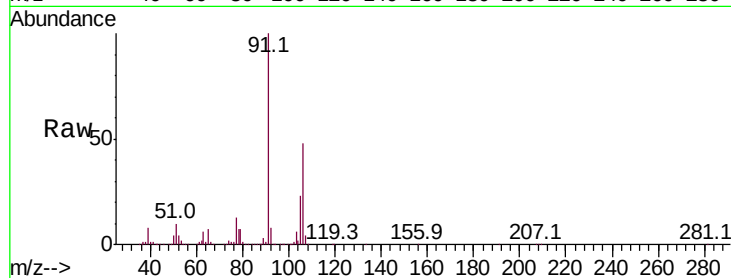
WP022RW358-200526MS

Tot Ion:106 Resp: 572522

Ion Ratio Lower Upper

106 100

91 204.5 163.8 245.8



#69

o-Xylene

Concen: 50.221 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016497.D

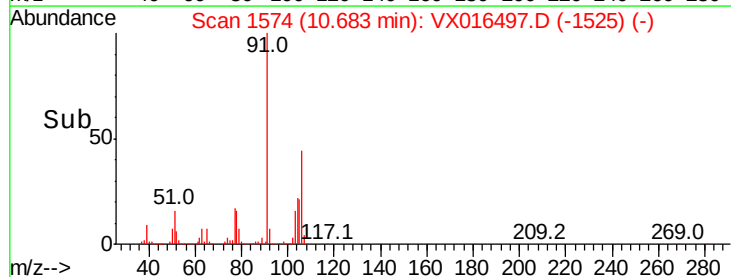
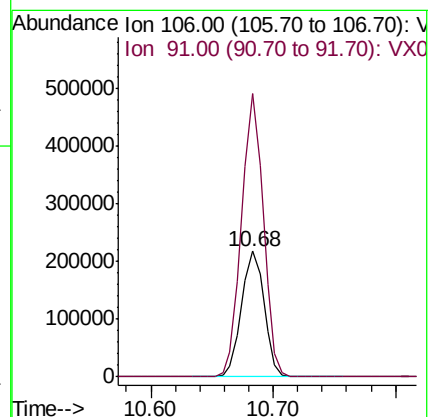
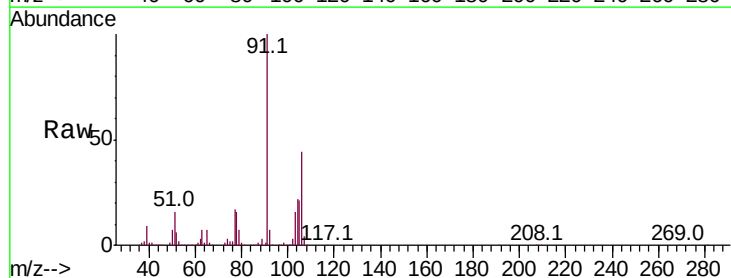
Acq: 28 May 2020 19:42

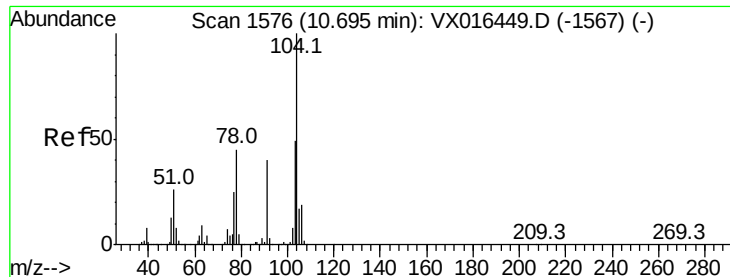
Tgt Ion:106 Resp: 277816

Ion Ratio Lower Upper

106 100

91 217.0 109.6 328.8





#70

Stvrene

Concen: 51.865 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

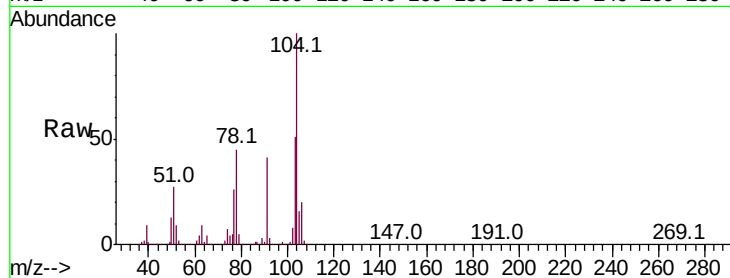
Tot Ion:104 Resp: 493157

Ion Ratio Lower Upper

104 100

78 49.8 40.2 60.2

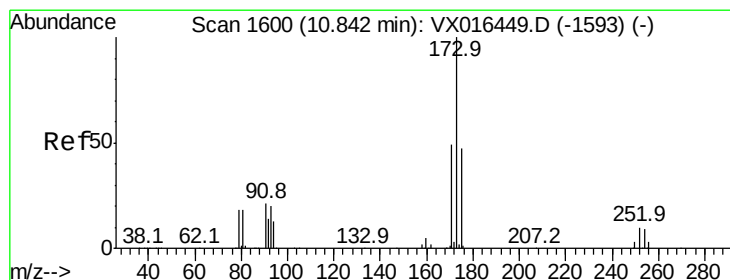
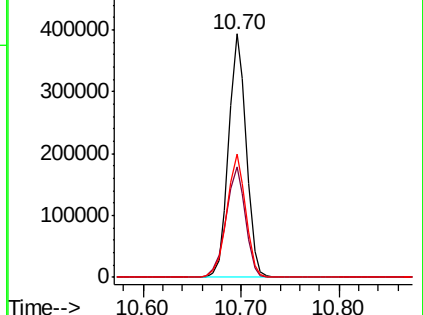
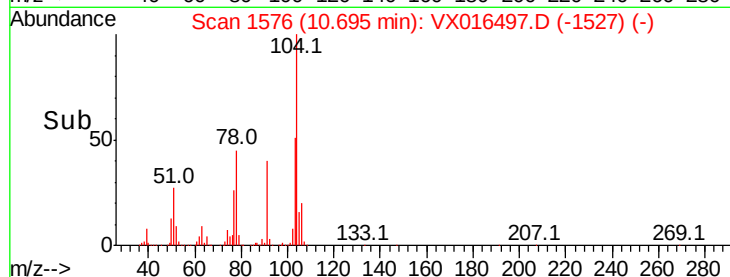
103 54.0 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.176 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

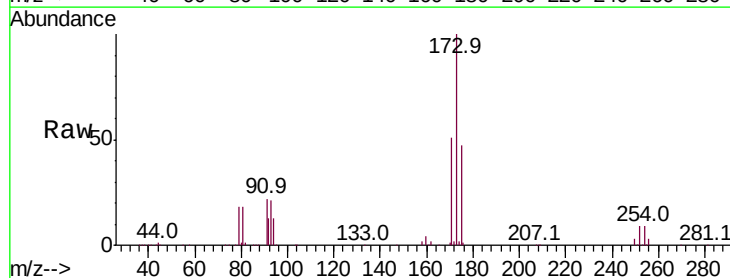
Tgt Ion:173 Resp: 142861

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

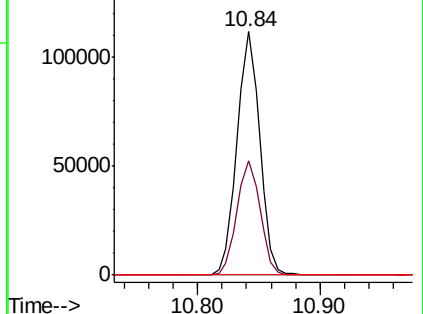
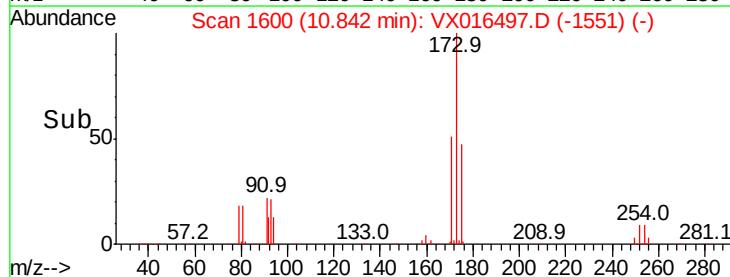
254 0.2 0.1 0.1#

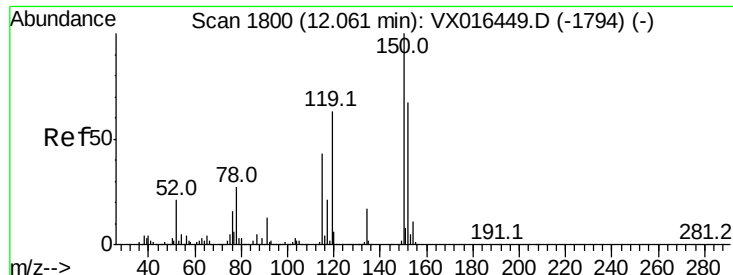


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

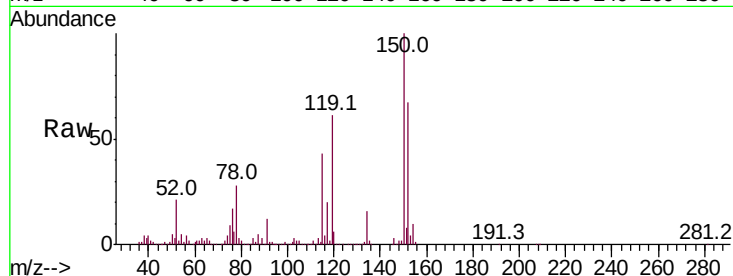
Tot Ion:152 Resp: 209916

Ion Ratio Lower Upper

152 100

115 79.5 39.9 119.6

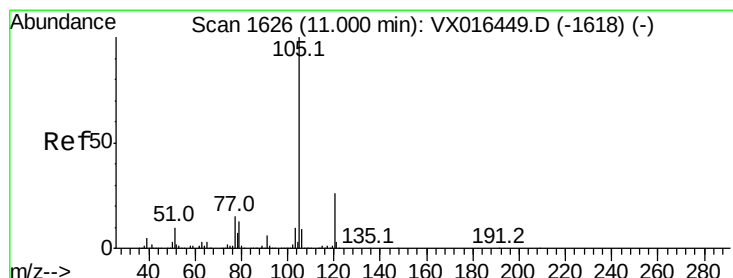
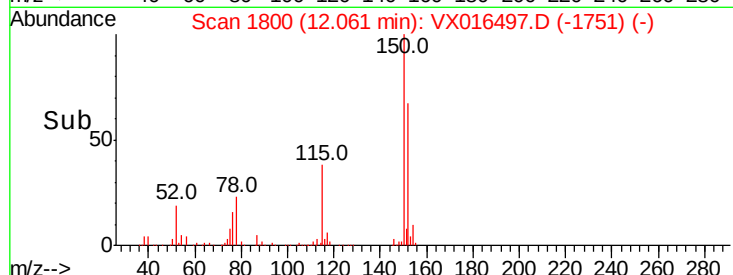
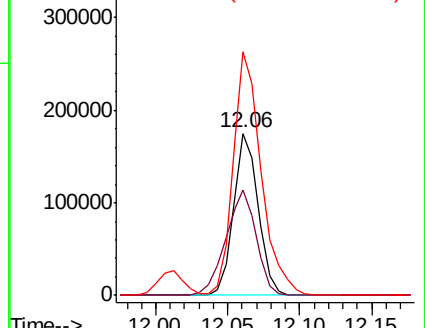
150 170.9 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.973 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016497.D

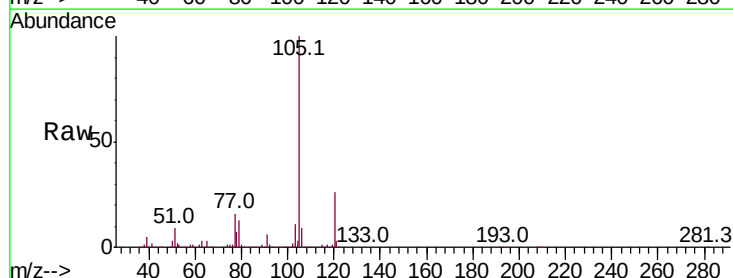
Acq: 28 May 2020 19:42

Tgt Ion:105 Resp: 726843

Ion Ratio Lower Upper

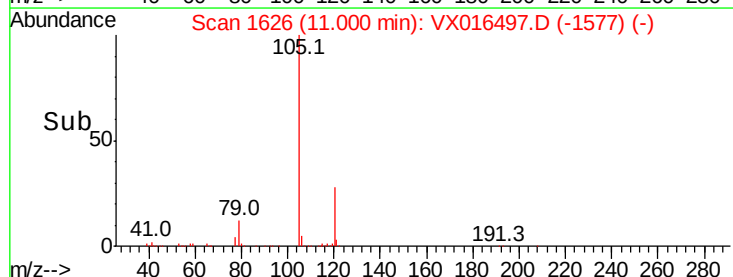
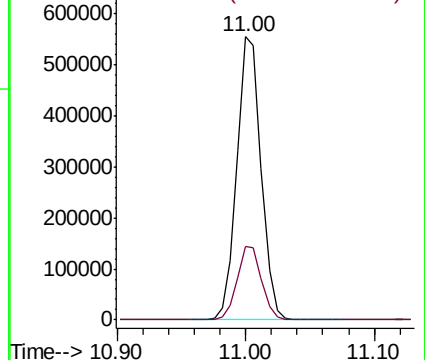
105 100

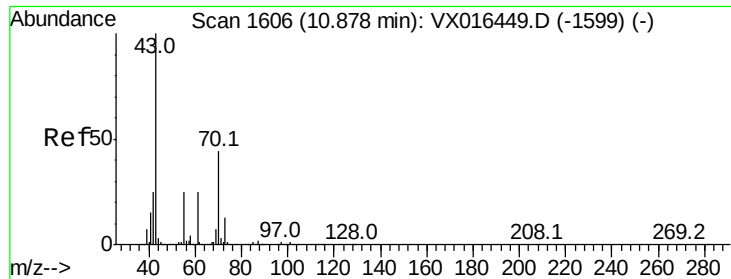
120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.531 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

Tot Ion: 43 Resp: 338058

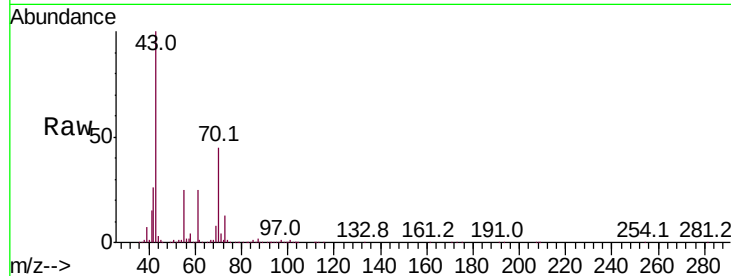
Ion Ratio Lower Upper

43 100

70 46.2 36.1 54.1

55 25.4 20.2 30.4

61 26.1 20.3 30.5

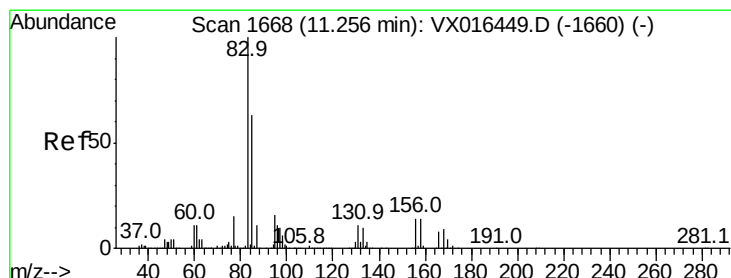
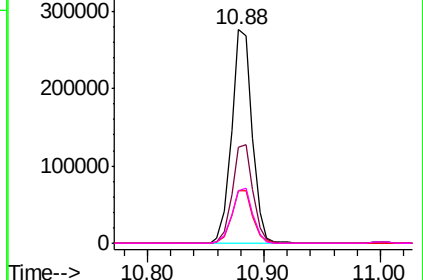
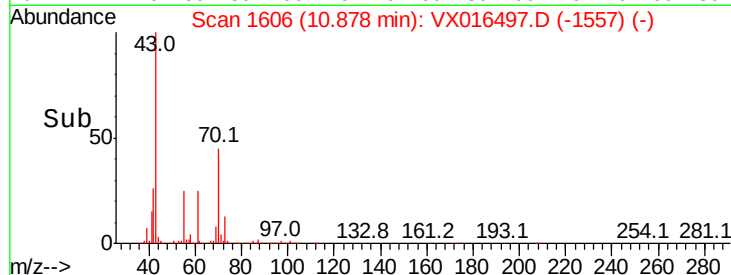


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 56.630 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

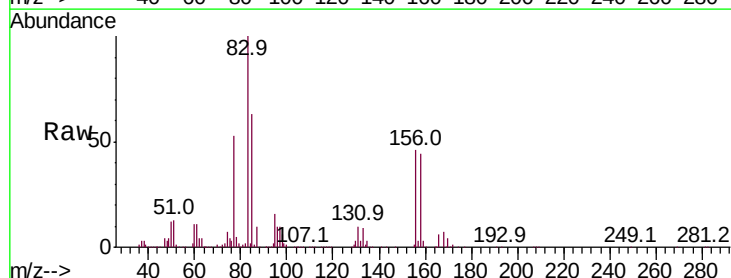
Tgt Ion: 83 Resp: 206426

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

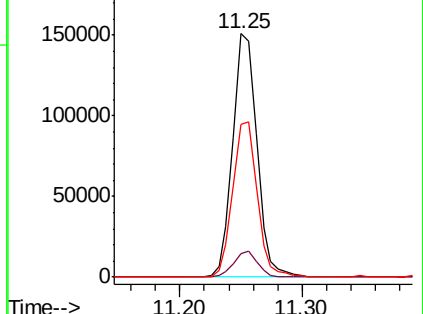
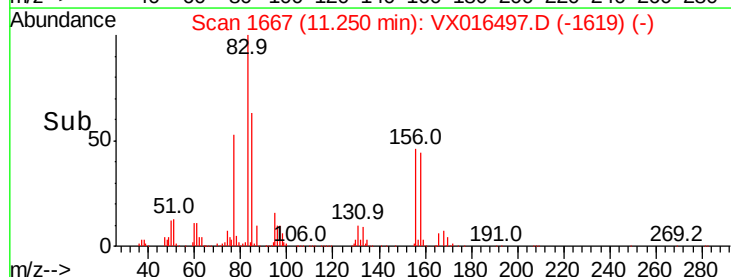
85 64.7 32.0 96.2

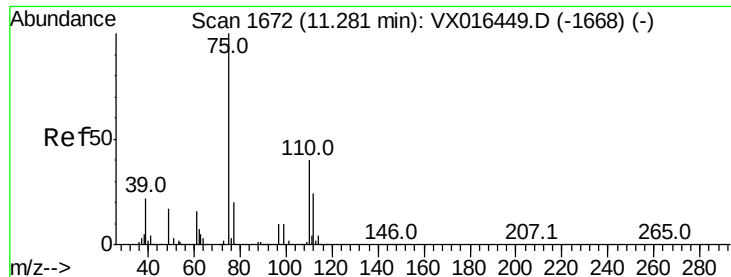


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.943 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

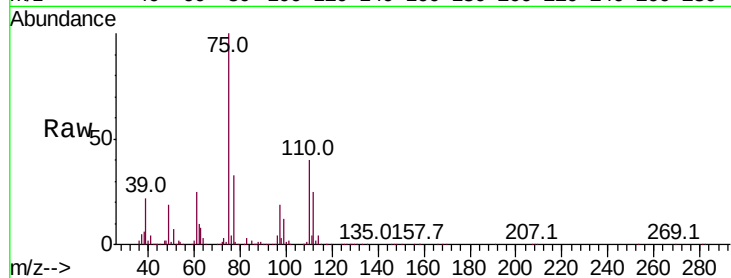
WP022RW358-200526MS

Tot Ion: 75 Resp: 313492

Ion Ratio Lower Upper

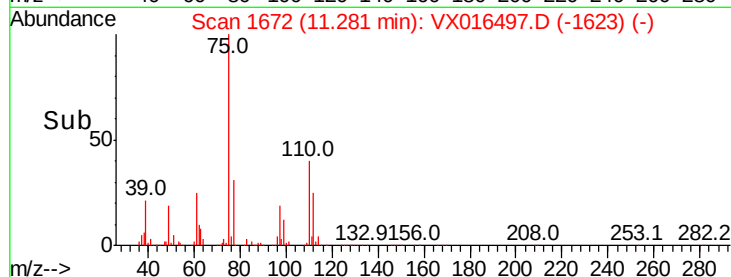
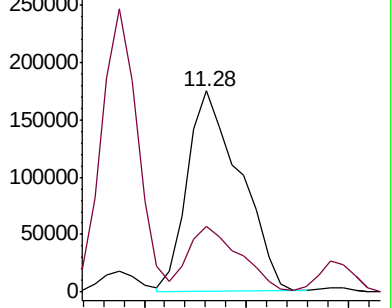
75 100

77 32.2 21.3 63.7

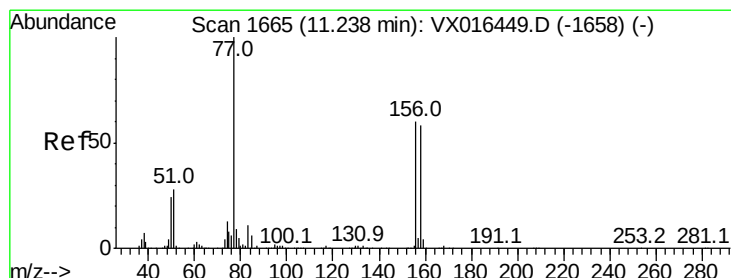


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 49.936 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

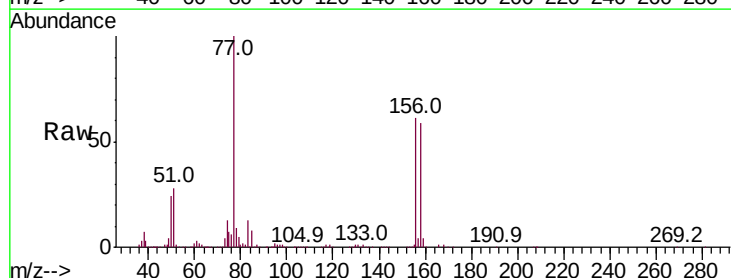
Tgt Ion: 156 Resp: 190494

Ion Ratio Lower Upper

156 100

77 159.9 79.6 238.8

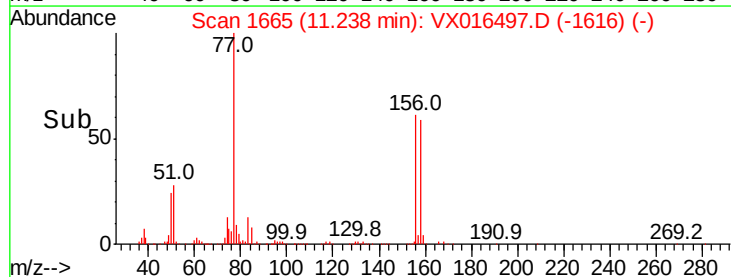
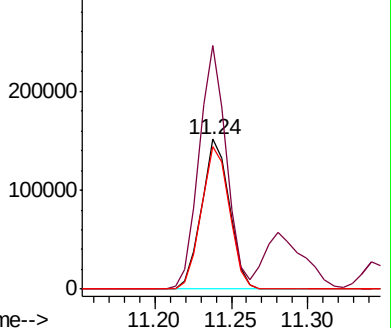
158 96.7 48.1 144.4



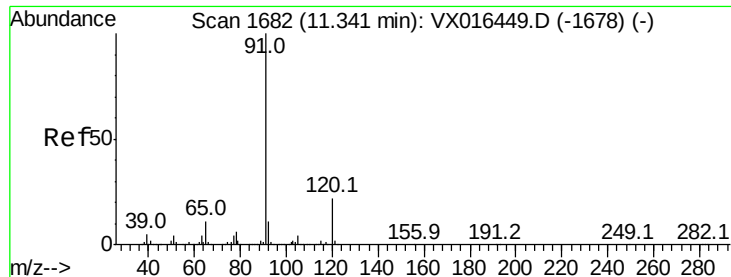
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 50.468 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

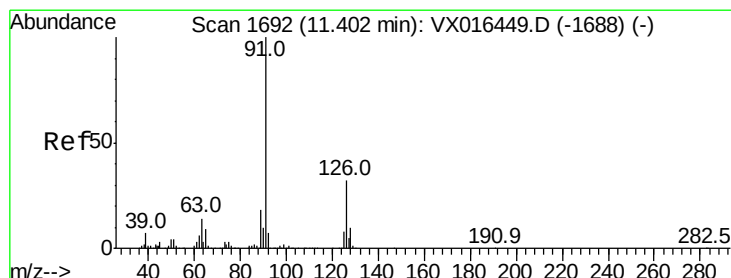
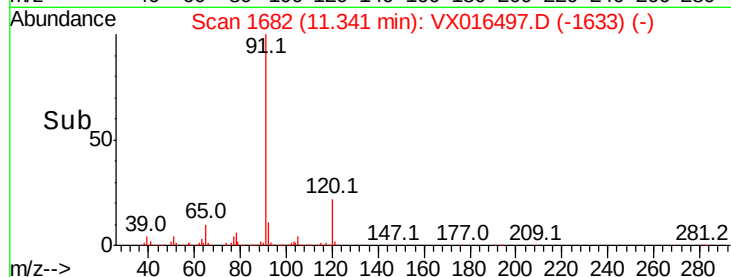
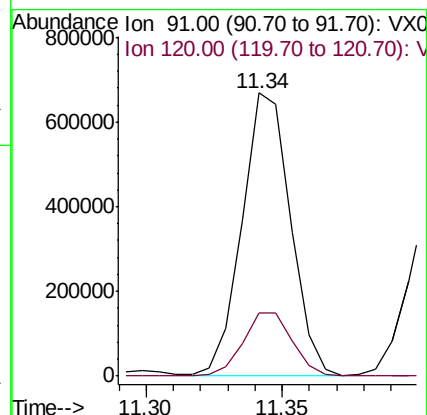
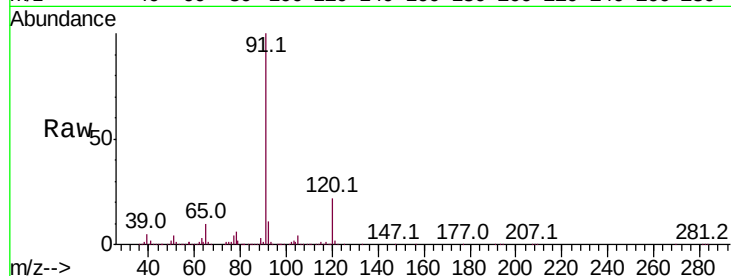
WP022RW358-200526MS

Tot Ion: 91 Resp: 820085

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.7



#79

2-Chlorotoluene

Concen: 50.453 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016497.D

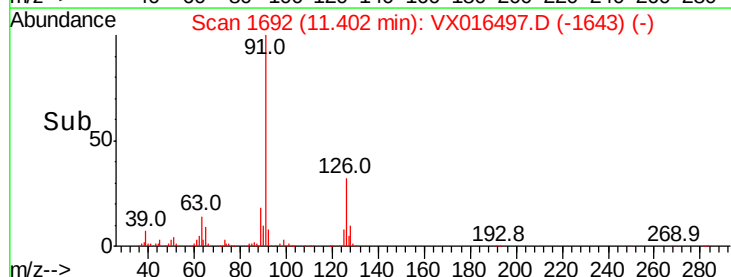
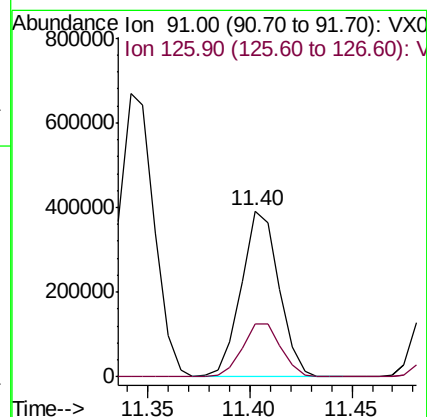
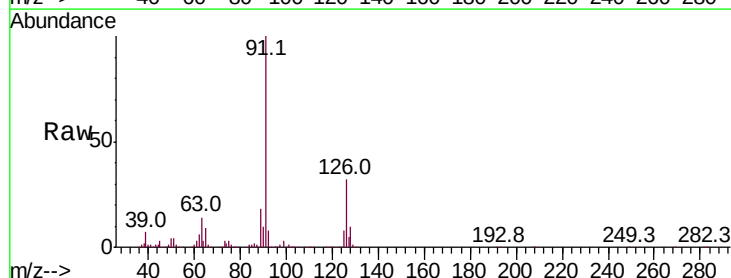
Acq: 28 May 2020 19:42

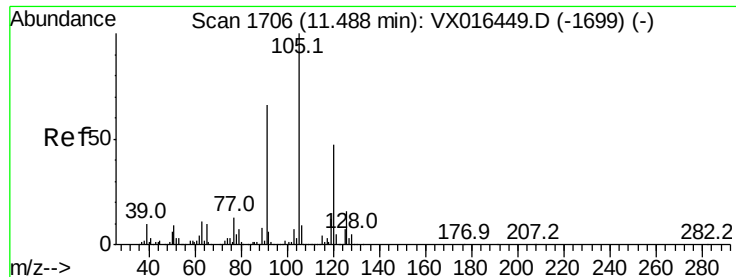
Tgt Ion: 91 Resp: 500429

Ion Ratio Lower Upper

91 100

126 33.2 16.8 50.3



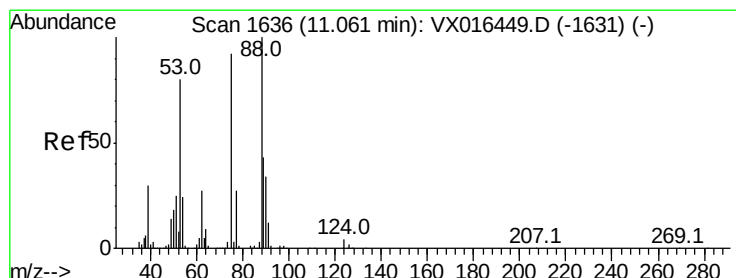
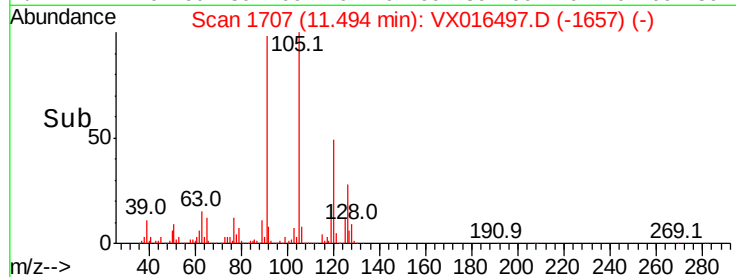
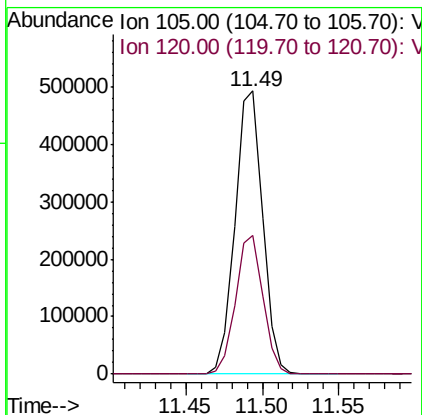
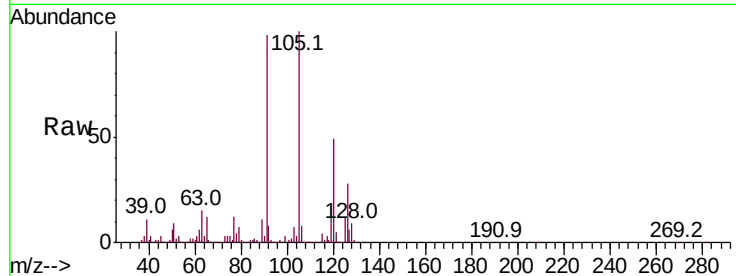


#80

1,3,5-Trimethylbenzene
Concen: 50.595 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

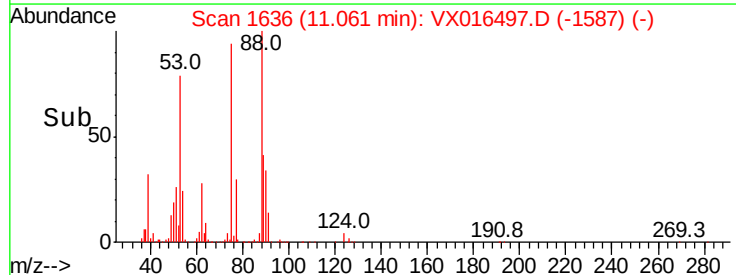
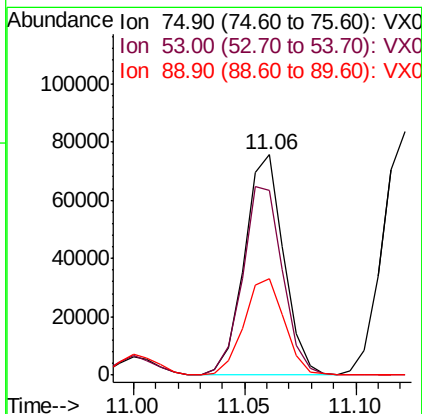
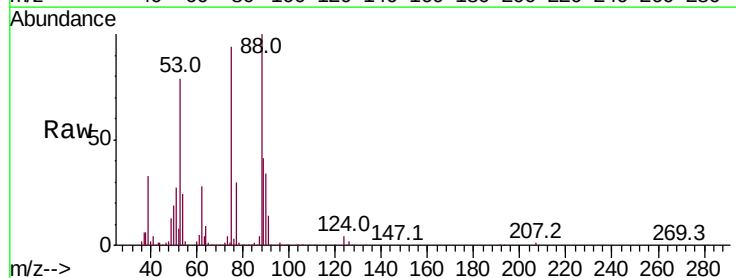
Tot Ion:105 Resp: 614458
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

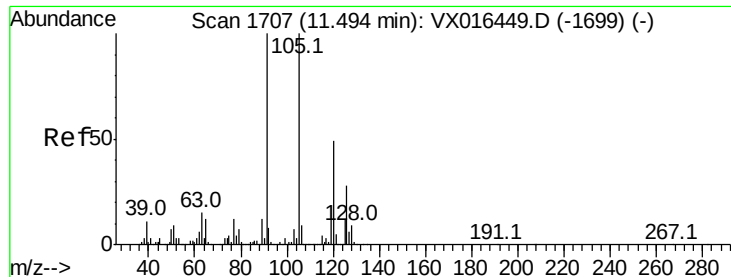


#81

trans-1,4-Dichloro-2-butene
Concen: 49.077 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 75 Resp: 92056
Ion Ratio Lower Upper
75 100
53 88.0 71.3 106.9
89 45.7 36.6 55.0

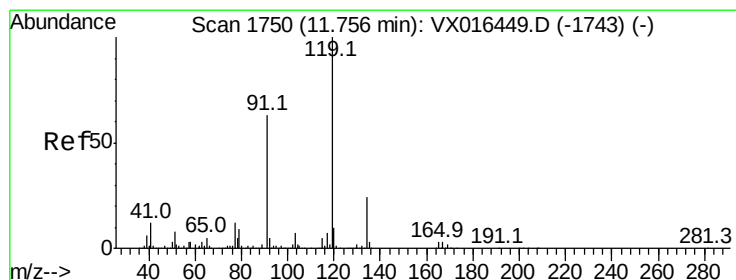
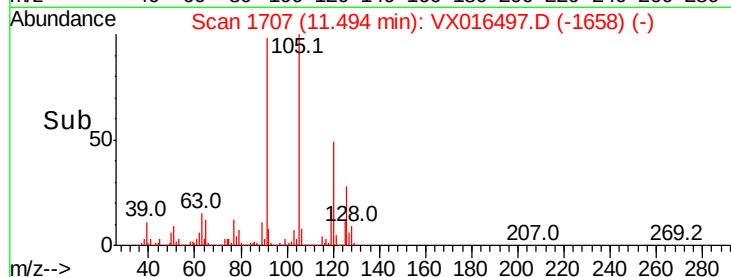
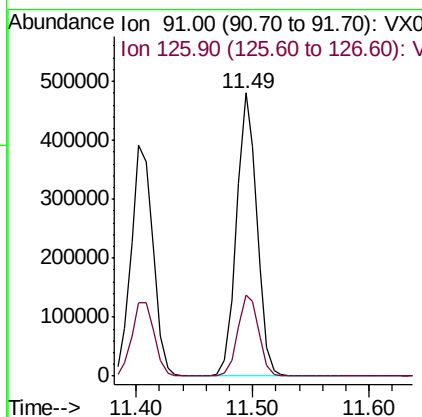
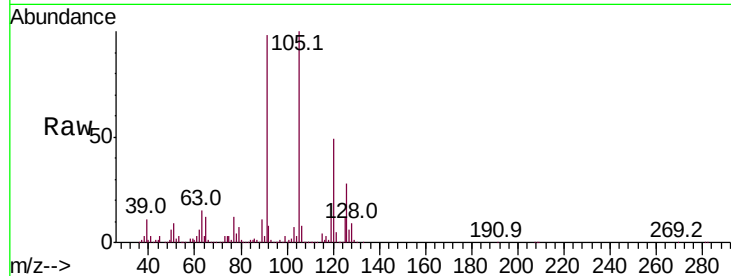




#82
4-Chlorotoluene
Concen: 50.029 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

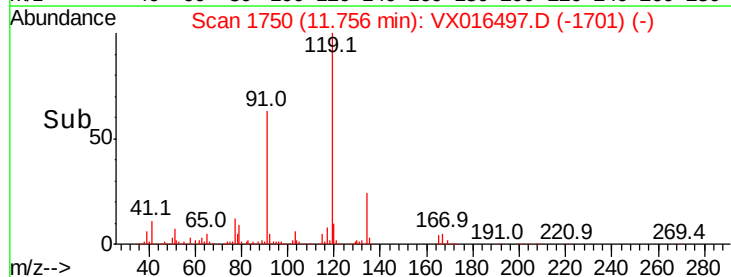
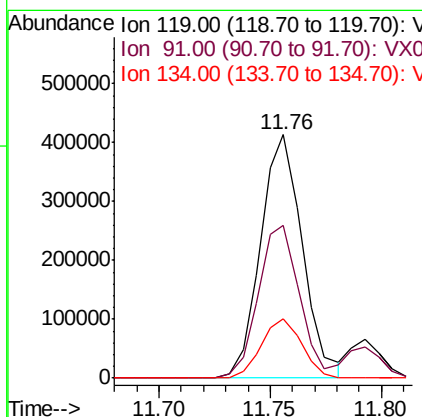
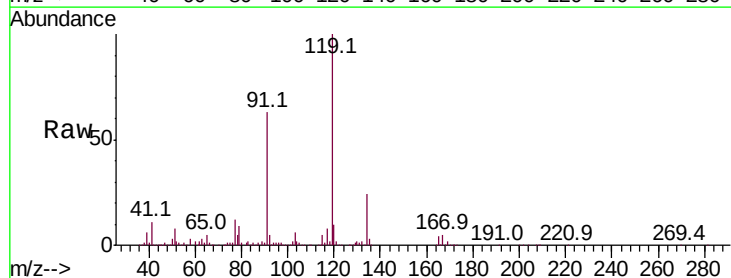
Instrument :
MSVOA_X
ClientSampleId :
WP022RW358-200526MS

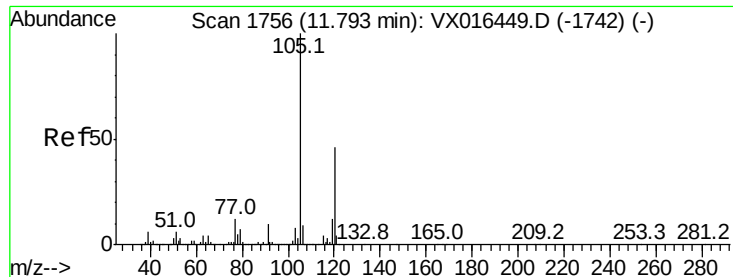
Tot Ion: 91 Resp: 585984
Ion Ratio Lower Upper
91 100
126 29.4 14.7 44.1



#83
tert-Butylbenzene
Concen: 51.866 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016497.D
Acq: 28 May 2020 19:42

Tgt Ion: 119 Resp: 538218
Ion Ratio Lower Upper
119 100
91 61.7 31.3 93.8
134 23.7 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 50.642 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

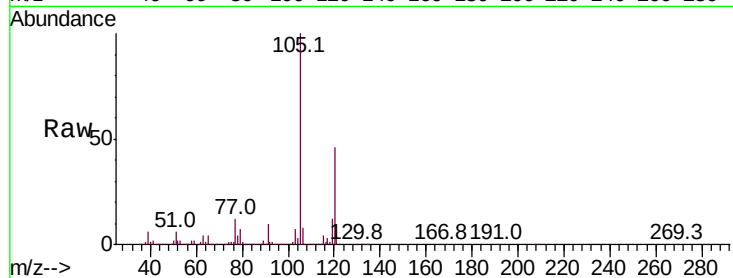
WP022RW358-200526MS

Tot Ion:105 Resp: 621981

Ion Ratio Lower Upper

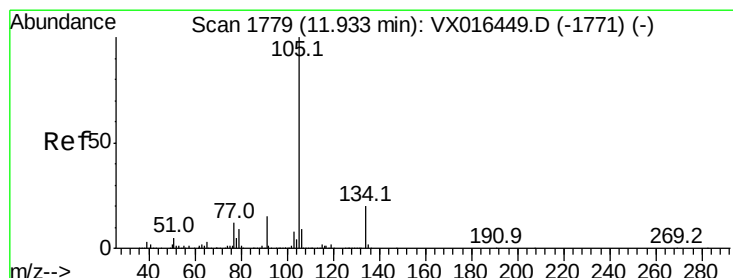
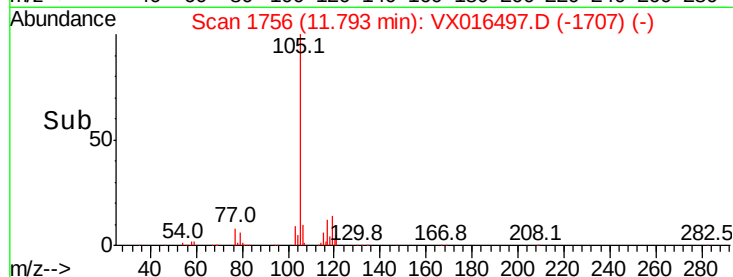
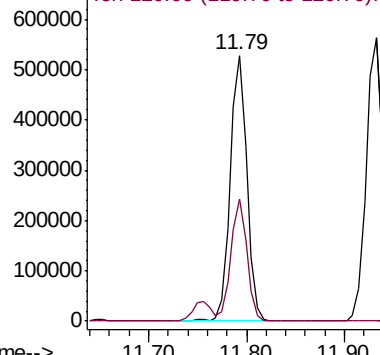
105 100

120 44.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.173 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016497.D

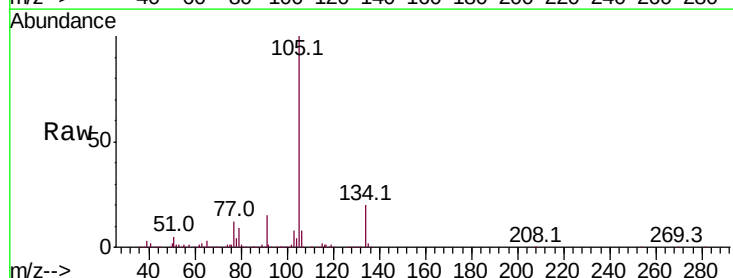
Acq: 28 May 2020 19:42

Tgt Ion:105 Resp: 666153

Ion Ratio Lower Upper

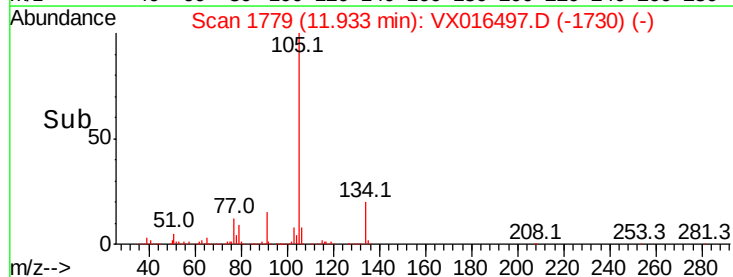
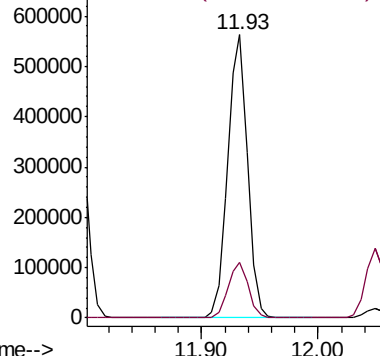
105 100

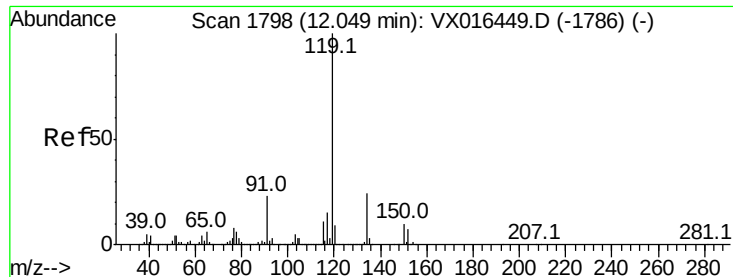
134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

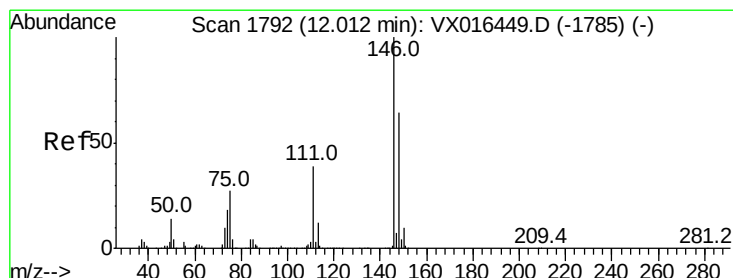
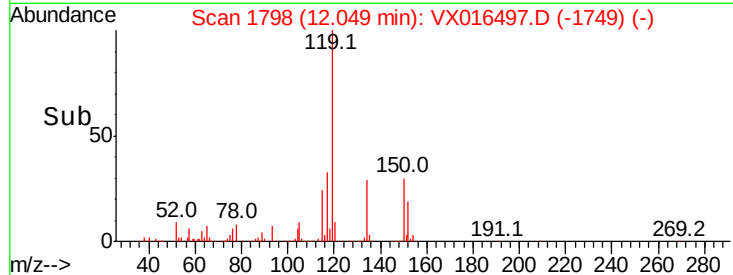
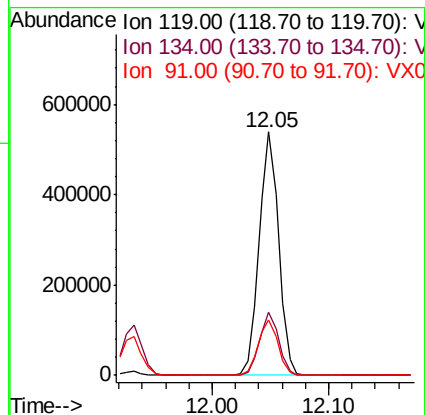
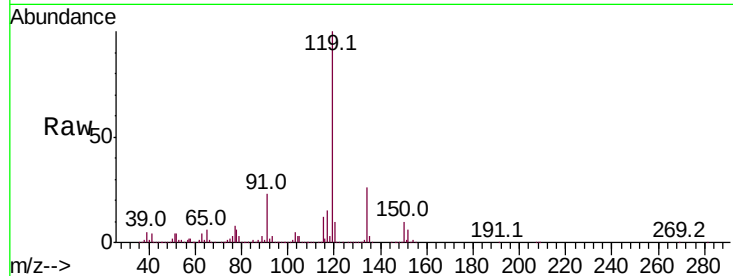




#86
 p-Isopropyltoluene
 Concen: 51.794 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

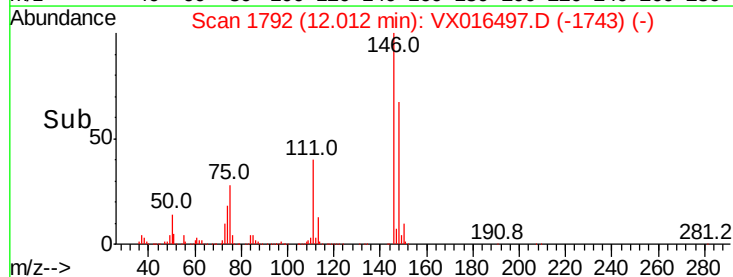
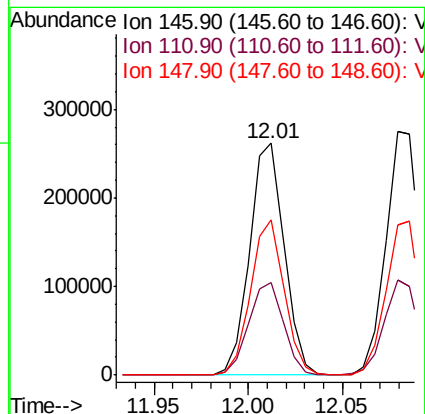
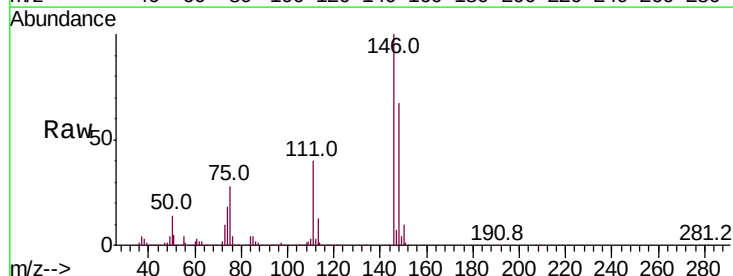
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-200526MS

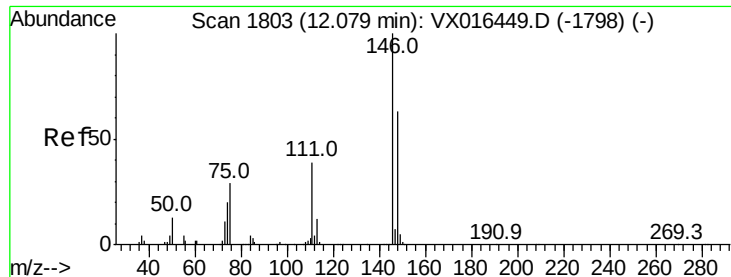
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.7	38.0
91	23.1	11.7	35.0



#87
 1,3-Dichlorobenzene
 Concen: 50.241 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016497.D
 Acq: 28 May 2020 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	65.1	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 51.790 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

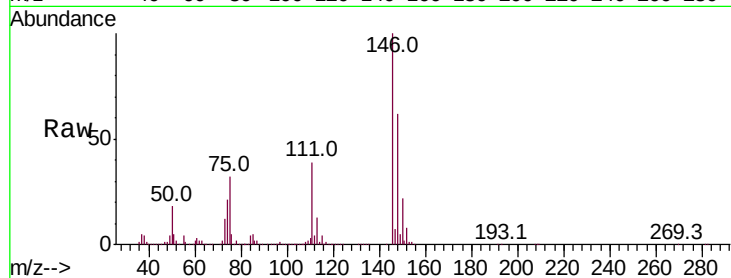
Tot Ion:146 Resp: 350067

Ion Ratio Lower Upper

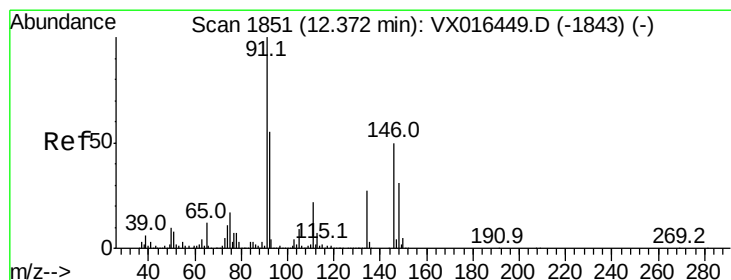
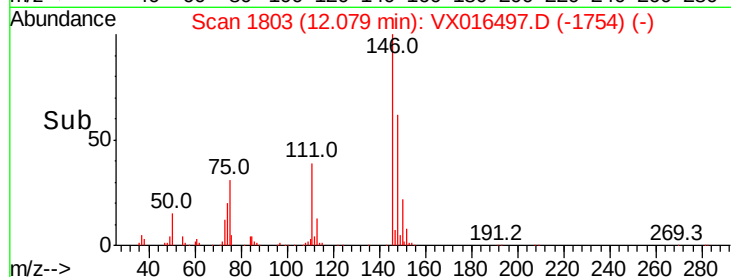
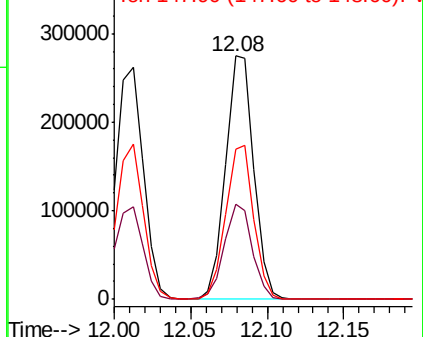
146 100

111 39.2 19.4 58.2

148 63.1 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 52.080 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

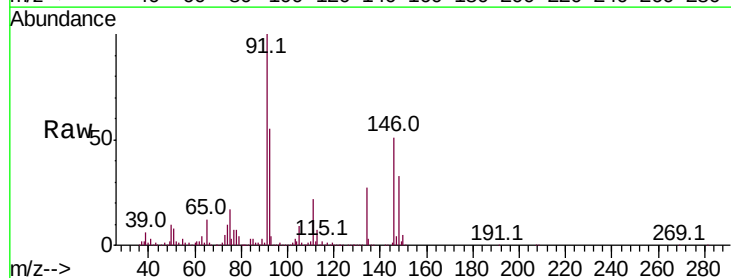
Tgt Ion: 91 Resp: 528969

Ion Ratio Lower Upper

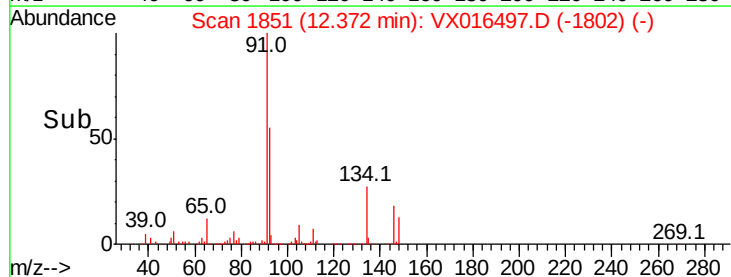
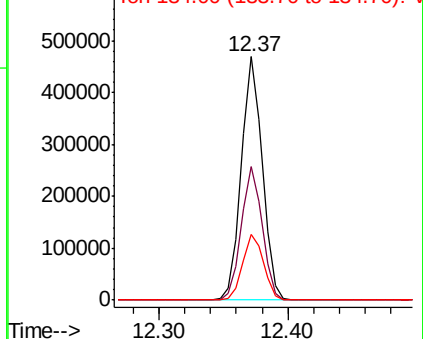
91 100

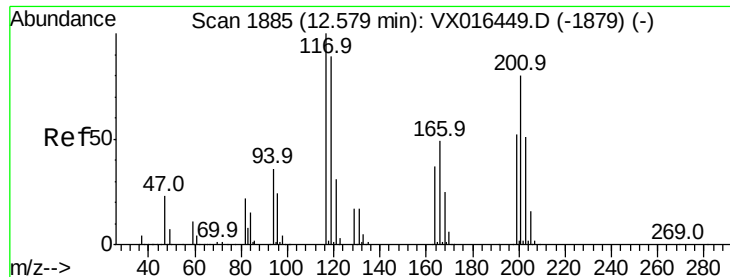
92 54.4 27.2 81.5

134 26.9 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 51.145 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

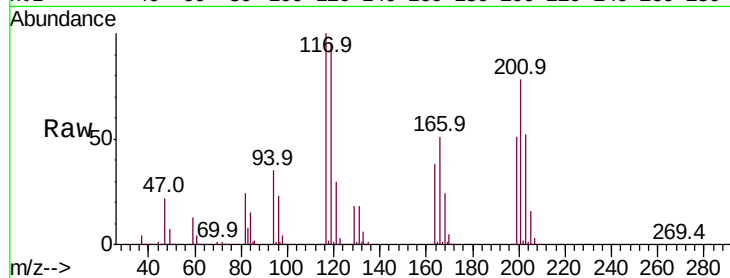
WP022RW358-200526MS

Tot Ion:117 Resp: 107725

Ion Ratio Lower Upper

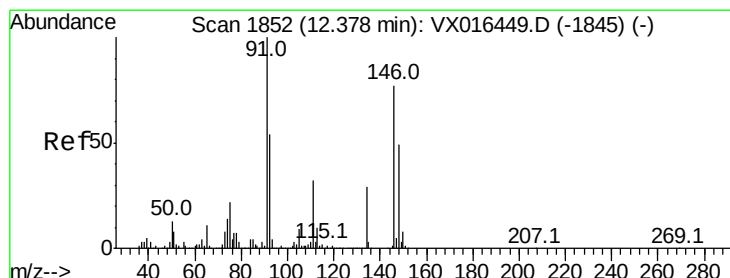
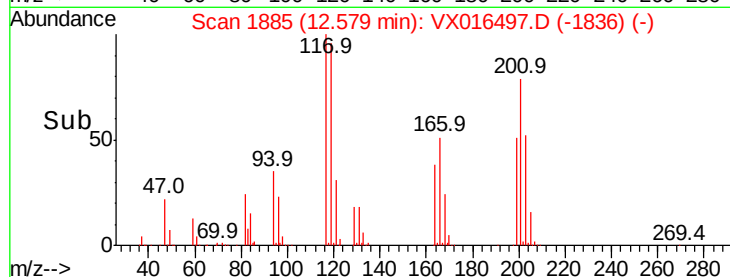
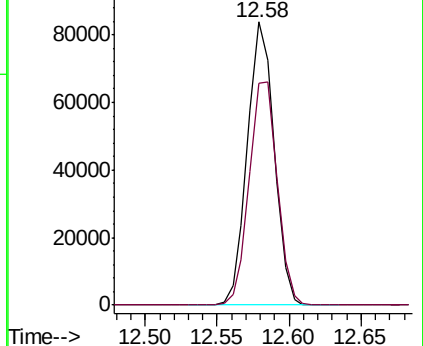
117 100

201 82.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.887 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

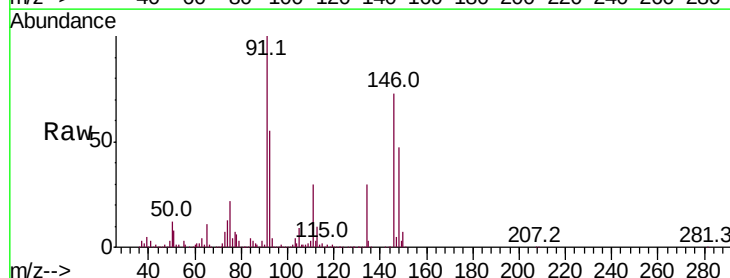
Tgt Ion:146 Resp: 325837

Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

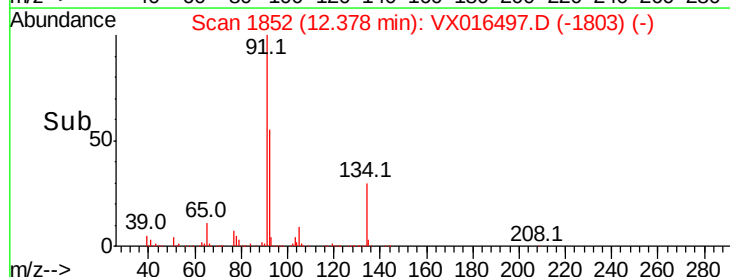
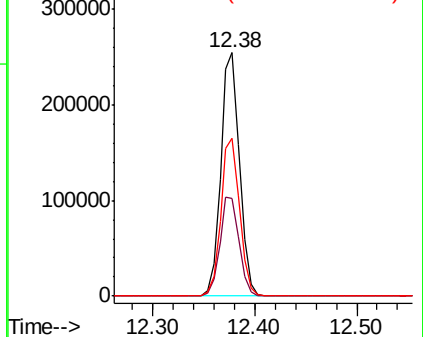
148 64.4 31.9 95.7

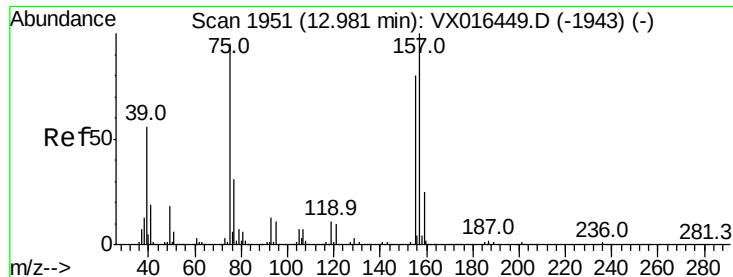


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.722 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

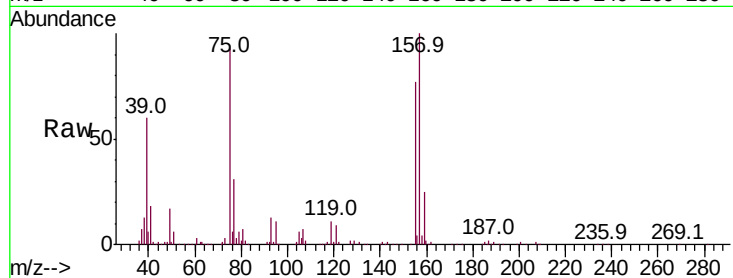
Tot Ion: 75 Resp: 59888

Ion Ratio Lower Upper

75 100

155 91.0 44.1 132.4

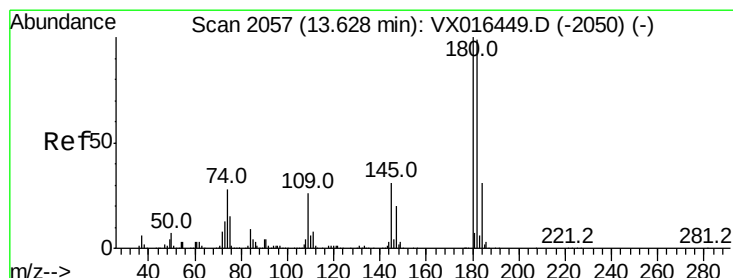
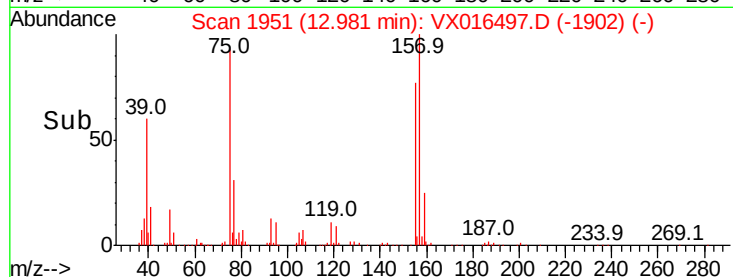
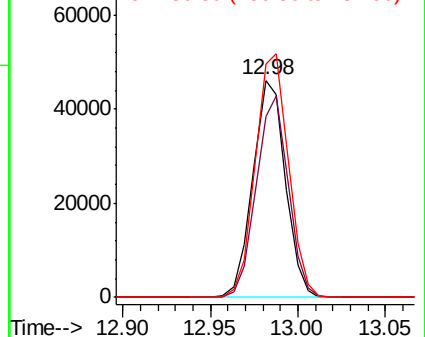
157 113.7 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX016449.D (-1943) (-)

Ion 154.80 (154.50 to 155.50): VX016449.D (-1943) (-)

Ion 156.80 (156.50 to 157.50): VX016449.D (-1943) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.643 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

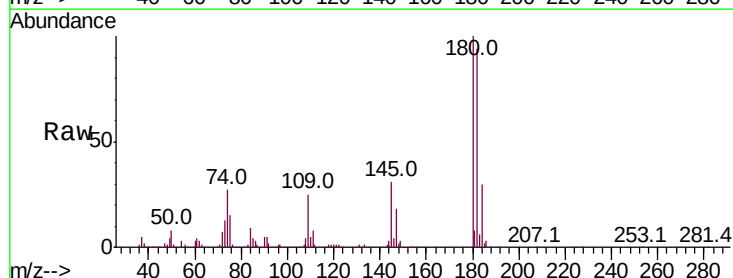
Tgt Ion: 180 Resp: 215362

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.8

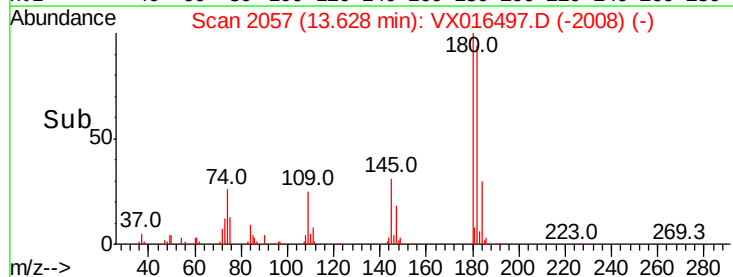
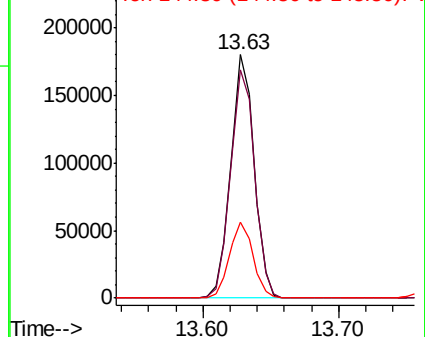
145 31.4 15.4 46.2

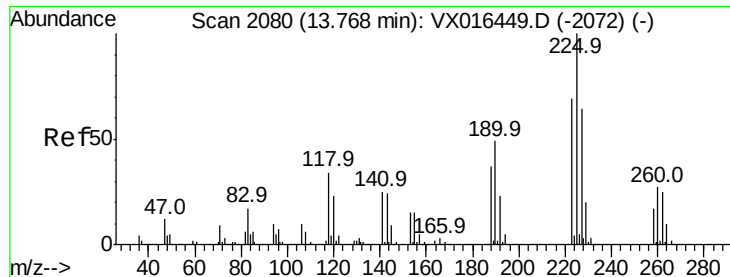


Abundance Ion 179.80 (179.50 to 180.50): VX016449.D (-2050) (-)

Ion 181.80 (181.50 to 182.50): VX016449.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX016449.D (-2050) (-)





#94

Hexachlorobutadiene

Concen: 48.389 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

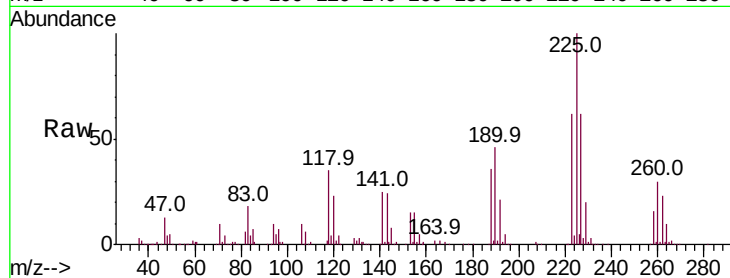
Tot Ion:225 Resp: 80793

Ion Ratio Lower Upper

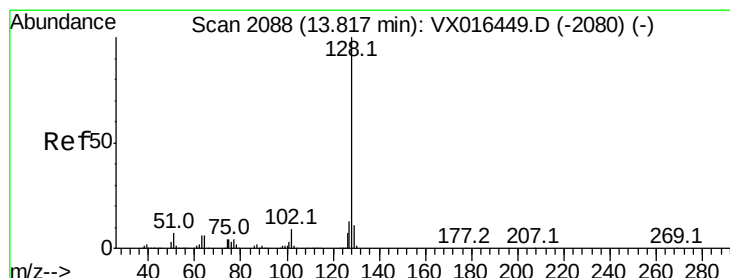
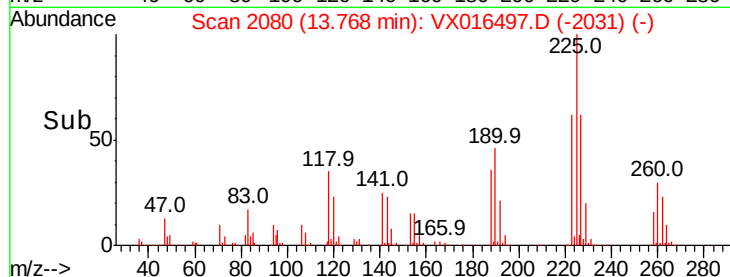
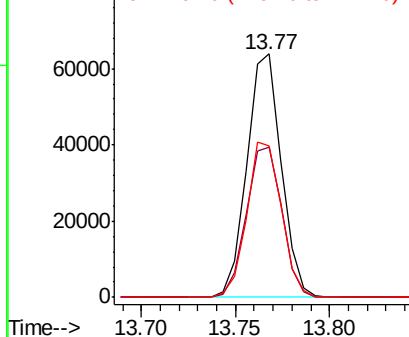
225 100

223 63.6 32.3 96.8

227 64.2 31.6 94.7



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



#95

Naphthalene

Concen: 51.452 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

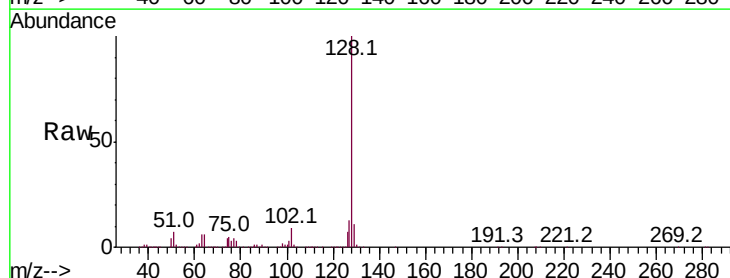
Tgt Ion:128 Resp: 750091

Ion Ratio Lower Upper

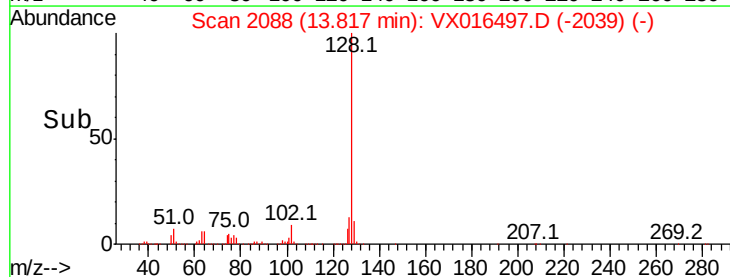
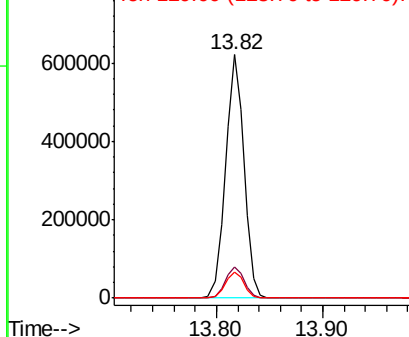
128 100

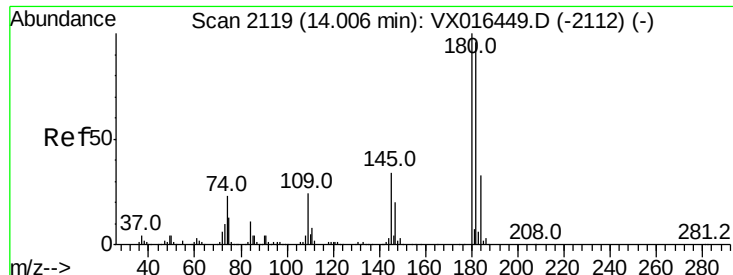
127 13.1 10.6 15.8

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 51.390 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016497.D

Acq: 28 May 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-200526MS

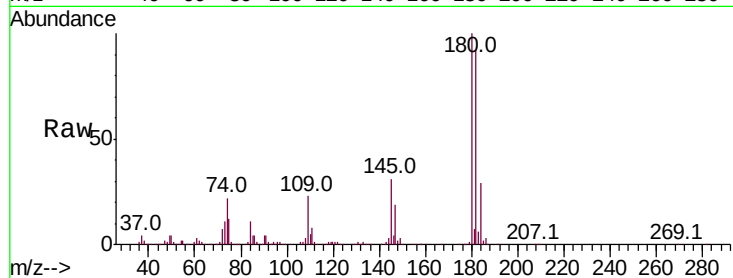
Tot Ion:180 Resp: 214101

Ion Ratio Lower Upper

180 100

182 92.7 48.6 145.8

145 32.1 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

