

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052920\
 Data File : VX016504.D
 Acq On : 29 May 2020 12:38
 Operator : JC/SP
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Quant Time: May 30 01:41:16 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	5.62	168	298011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	173043	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	5.46	113	133427	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.70	98	534765	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.12	95	196451	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	51772	17.653	ug/l 94
3) Chloromethane	1.31	50	60799	17.155	ug/l 100
4) Vinyl Chloride	1.39	62	64541	17.220	ug/l 100
5) Bromomethane	1.63	94	40590	22.273	ug/l 99
6) Chloroethane	1.71	64	39633	18.128	ug/l 100
7) Trichlorofluoromethane	1.92	101	87268	17.729	ug/l 98
8) Diethyl Ether	2.17	74	36982	18.018	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48142	17.771	ug/l 99
10) Methyl Iodide	2.49	142	50187	17.614	ug/l 100
11) Tert butyl alcohol	3.01	59	81053	85.406	ug/l 100
12) 1,1-Dichloroethene	2.36	96	49576	17.289	ug/l 94
13) Acrolein	2.27	56	36796	91.146	ug/l 96
14) Allyl chloride	2.70	41	90857	17.229	ug/l 98
15) Acrylonitrile	3.11	53	173984	89.497	ug/l 99
16) Acetone	2.42	43	145428	89.690	ug/l 98
17) Carbon Disulfide	2.55	76	146228	17.172	ug/l 99
18) Methyl Acetate	2.75	43	75049	18.046	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	189648	18.418	ug/l 99
20) Methylene Chloride	2.83	84	58314	17.383	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	56383	17.776	ug/l 95
22) Diisopropyl ether	3.82	45	184375	18.200	ug/l 96
23) Vinyl Acetate	3.78	43	815121	91.924	ug/l 99
24) 1,1-Dichloroethane	3.67	63	102957	18.006	ug/l 99
25) 2-Butanone	4.63	43	242959	88.429	ug/l 100
26) 2,2-Dichloropropane	4.55	77	89803	19.194	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	65925	17.966	ug/l 99
28) Bromochloromethane	4.98	49	48880	18.396	ug/l 98
29) Tetrahydrofuran	5.09	42	161882	91.201	ug/l 99
30) Chloroform	5.18	83	103180	17.909	ug/l 96
31) Cyclohexane	5.55	56	89962	17.489	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	92234	17.683	ug/l 100
36) 1,1-Dichloropropene	5.77	75	77025	17.624	ug/l 98
37) Ethyl Acetate	4.79	43	92311	17.593	ug/l 97
38) Carbon Tetrachloride	5.75	117	81615	17.770	ug/l 98

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Instrument :
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 ClientSampleId :
 VX0529WBSD01

Quant Time: May 30 01:41:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87832	18.503	ug/l	99
40) Benzene	6.11	78	234281	18.001	ug/l	100
41) Methacrylonitrile	5.00	41	51570	17.893	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84280	18.209	ug/l	99
43) Isopropyl Acetate	6.41	43	147539	18.027	ug/l	99
44) Trichloroethene	7.19	130	75601	18.308	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60576	18.283	ug/l	99
46) Dibromomethane	7.63	93	40257	18.090	ug/l	99
47) Bromodichloromethane	7.87	83	82761	17.961	ug/l	99
48) Methyl methacrylate	7.74	41	69136	17.643	ug/l	98
49) 1,4-Dioxane	7.71	88	31131	339.460	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	466081	91.458	ug/l	100
52) Toluene	8.76	92	149119	18.170	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95988	18.319	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	102469	18.476	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	60268	18.469	ug/l	97
56) Ethyl methacrylate	9.16	69	96818	18.218	ug/l	100
57) 1,3-Dichloropropane	9.35	76	104193	18.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	255250	92.018	ug/l	99
59) 2-Hexanone	9.47	43	360793	91.040	ug/l	100
60) Dibromochloromethane	9.57	129	66177	18.021	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64296	18.400	ug/l	100
64) Tetrachloroethene	9.32	164	86153	18.288	ug/l	98
65) Chlorobenzene	10.12	112	156892	18.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60397	18.431	ug/l	98
67) Ethyl Benzene	10.23	91	277162	18.134	ug/l	99
68) m/p-Xylenes	10.34	106	207793	36.667	ug/l	98
69) o-Xylene	10.68	106	102379	18.654	ug/l	97
70) Styrene	10.70	104	172215	18.256	ug/l	99
71) Bromoform	10.84	173	50092	18.087	ug/l	98
73) Isopropylbenzene	11.00	105	268242	18.617	ug/l	100
74) N-amyl acetate	10.88	43	121961	18.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	64607	17.891	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	111014	24.287	ug/l	85
77) Bromobenzene	11.24	156	69422	18.370	ug/l	99
78) n-propylbenzene	11.34	91	298558	18.547	ug/l	100
79) 2-Chlorotoluene	11.40	91	184210	18.748	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	221390	18.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	34331	18.476	ug/l	99
82) 4-Chlorotoluene	11.49	91	213349	18.387	ug/l	100
83) tert-Butylbenzene	11.76	119	188612	18.348	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	223764	18.391	ug/l	99
85) sec-Butylbenzene	11.93	105	238371	18.485	ug/l	100
86) p-Isopropyltoluene	12.05	119	225302	18.651	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118858	18.154	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120858	18.049	ug/l	98
89) n-Butylbenzene	12.37	91	188354	18.720	ug/l	98
90) Hexachloroethane	12.58	117	36332	17.413	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112927	17.803	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20393	17.435	ug/l	98

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ClientSampleId :
VX0529WBSD01

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

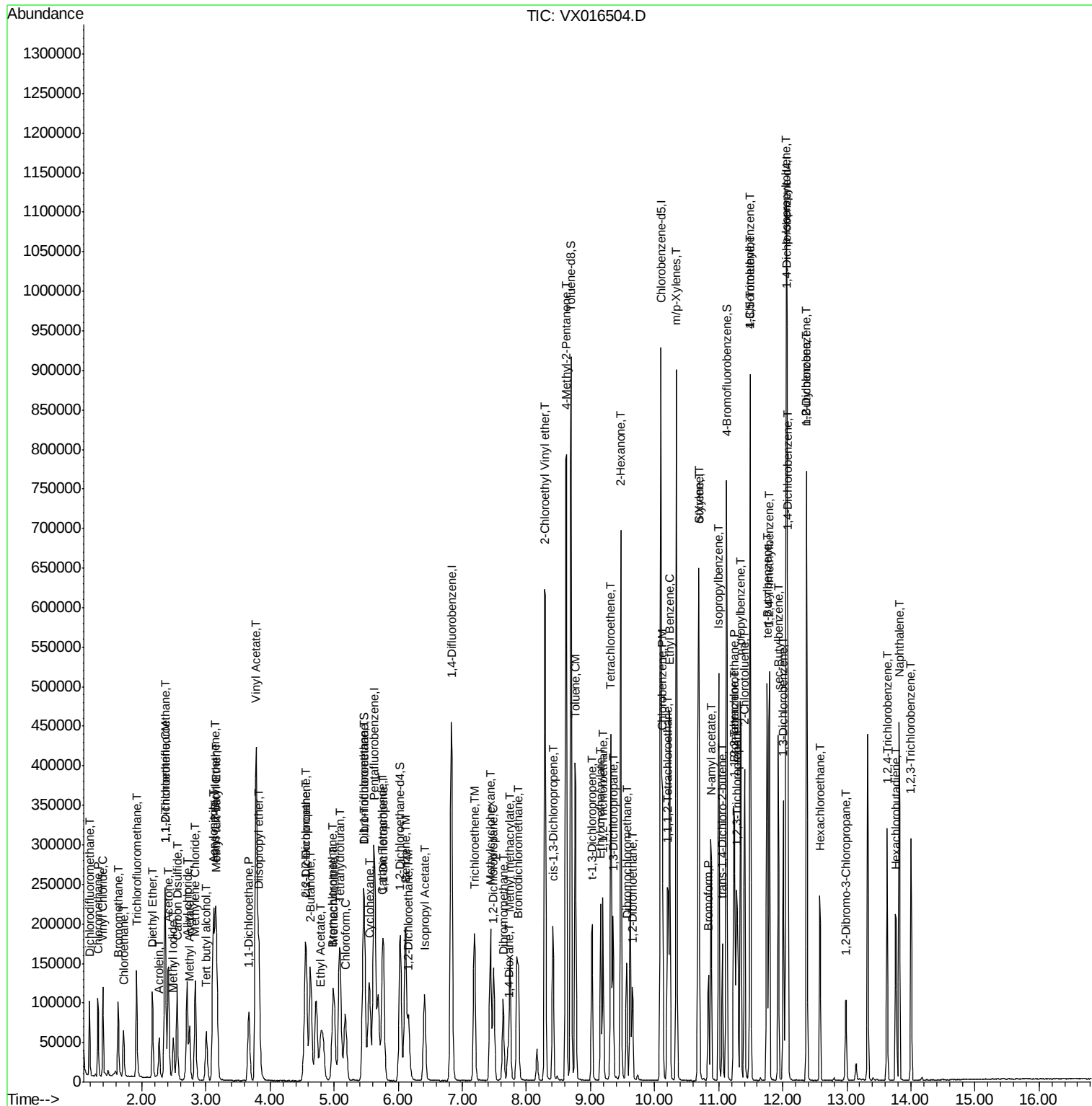
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78321	18.591	ug/l	99
94) Hexachlorobutadiene	13.77	225	34521	20.871	ug/l	99
95) Naphthalene	13.82	128	266008	18.419	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	78401	18.996	ug/l	96

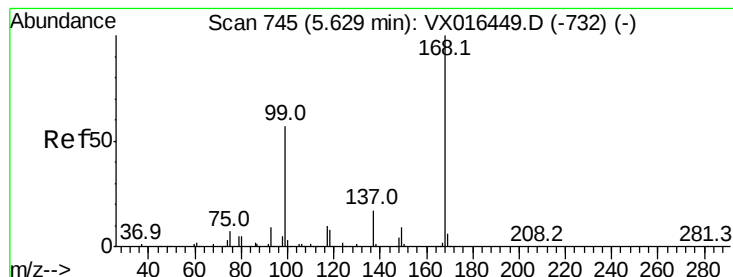
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Acq On : 29 May 2020 12:38
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Quant Time: May 30 01:41:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

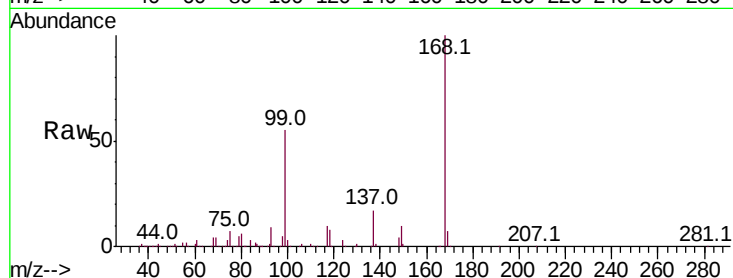
VX0529WBSD01

Tot Ion:168 Resp: 298011

Ion Ratio Lower Upper

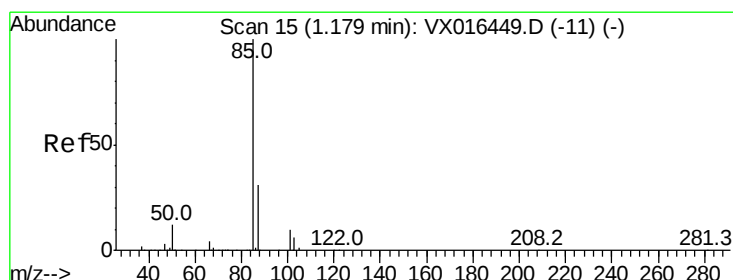
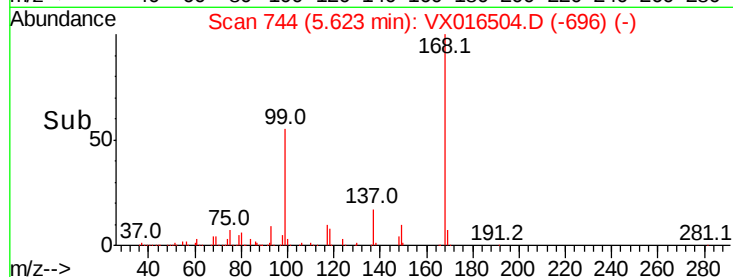
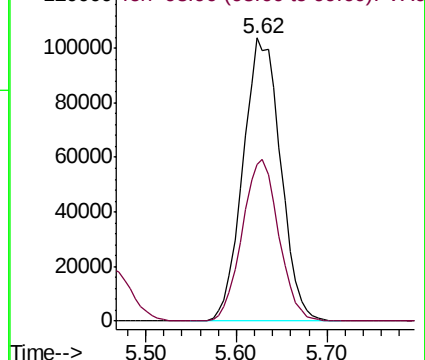
168 100

99 55.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.653 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016504.D

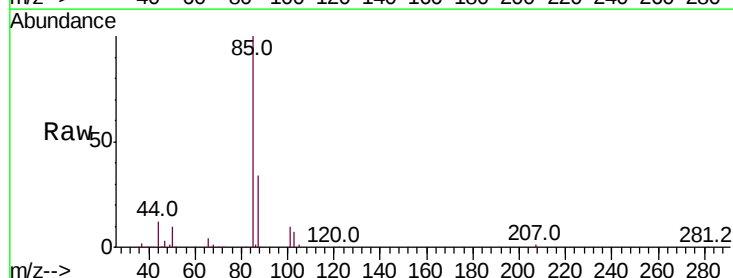
Acq: 29 May 2020 12:38

Tgt Ion: 85 Resp: 51772

Ion Ratio Lower Upper

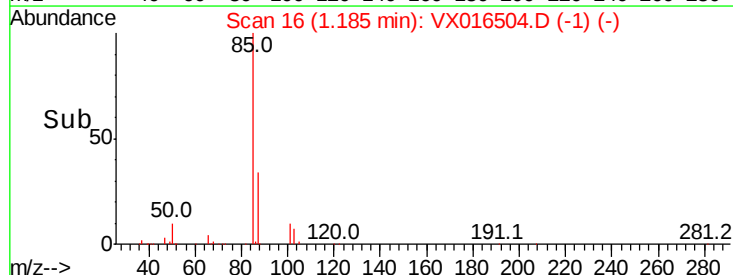
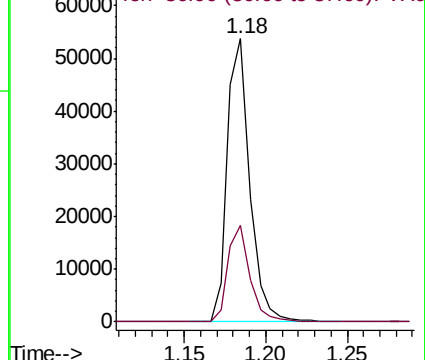
85 100

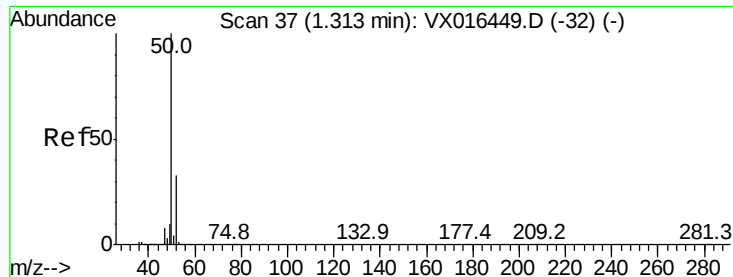
87 34.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.155 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

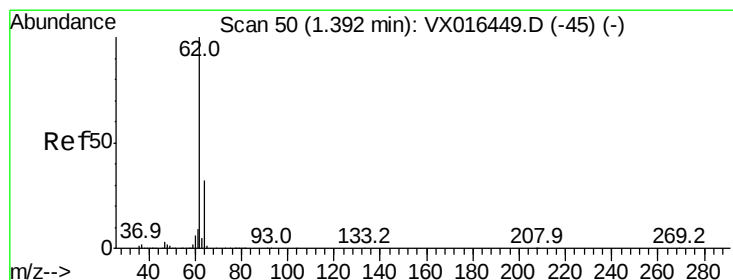
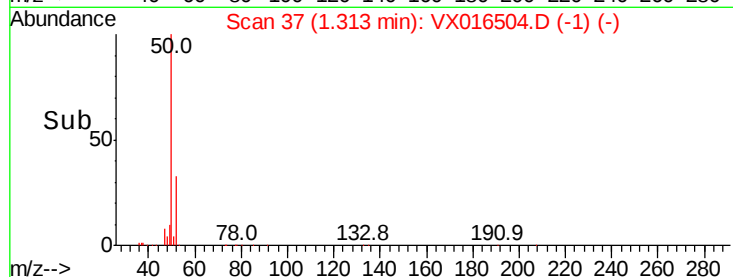
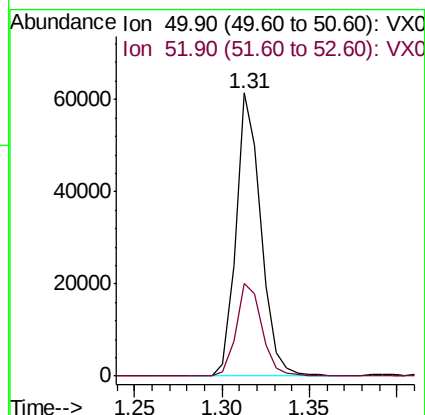
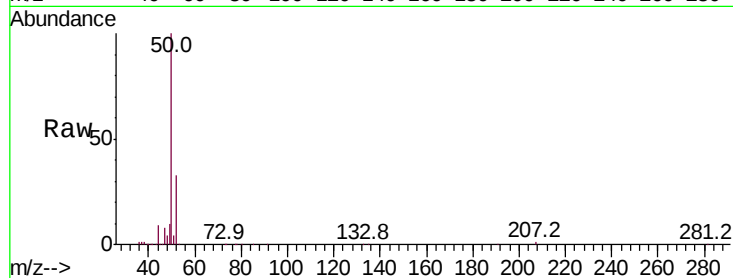
VX0529WBSD01

Tot Ion: 50 Resp: 60799

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 17.220 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016504.D

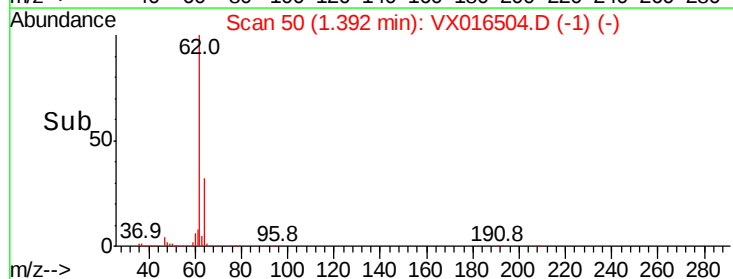
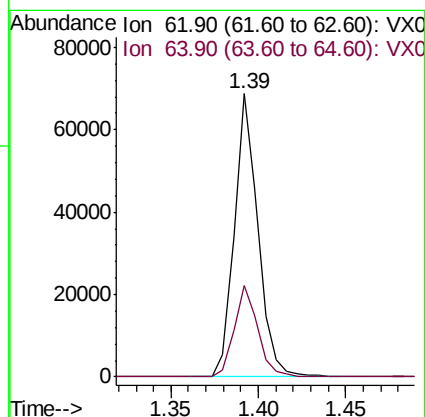
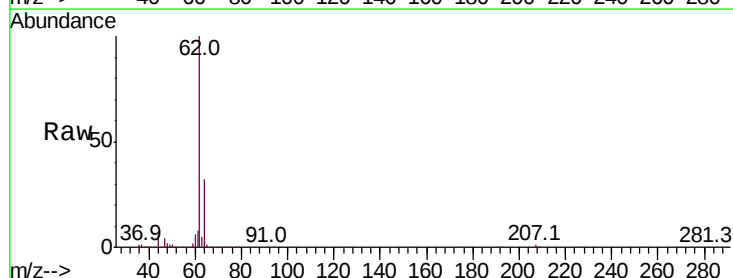
Acq: 29 May 2020 12:38

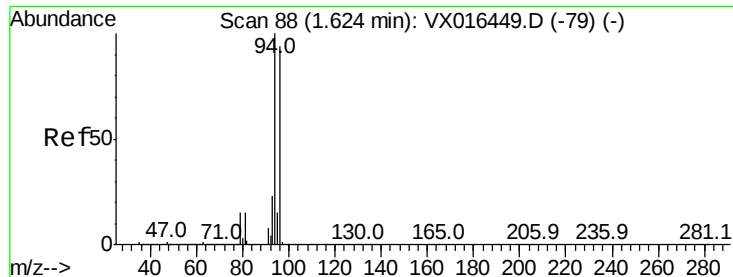
Tgt Ion: 62 Resp: 64541

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 22.273 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

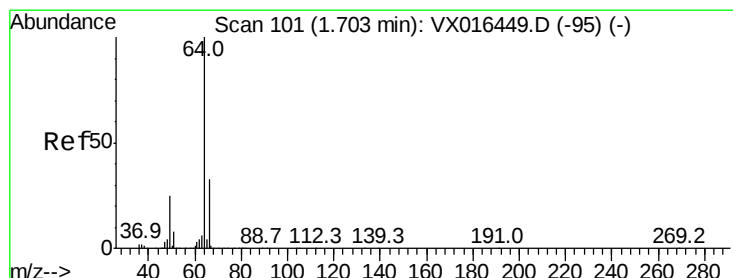
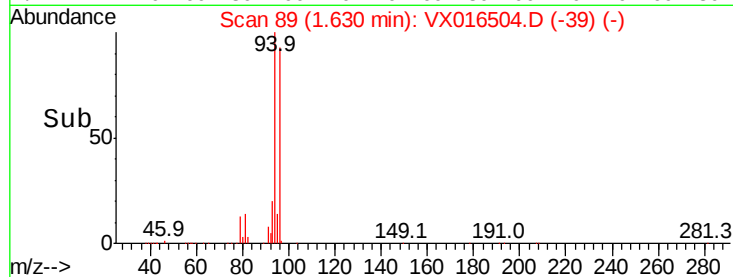
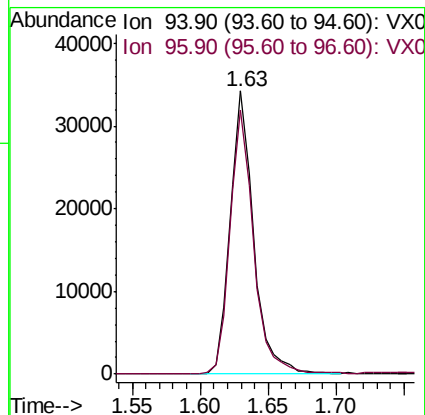
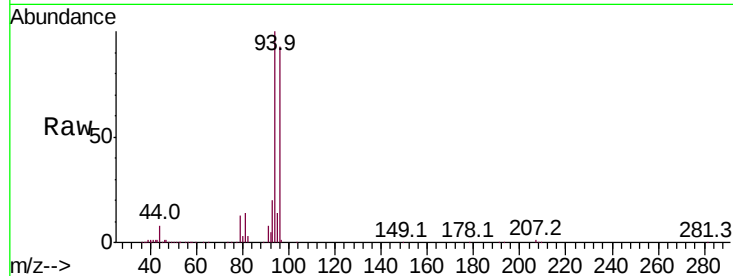
VX0529WBSD01

Tot Ion: 94 Resp: 40590

Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7



#6

Chloroethane

Concen: 18.128 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016504.D

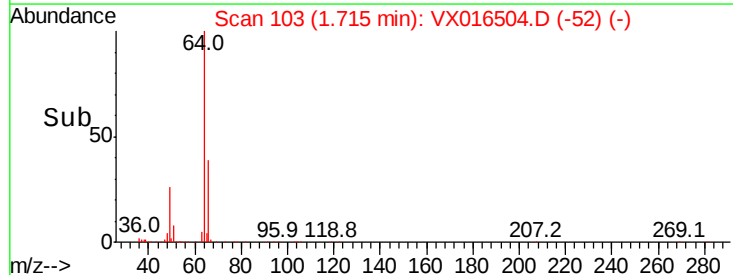
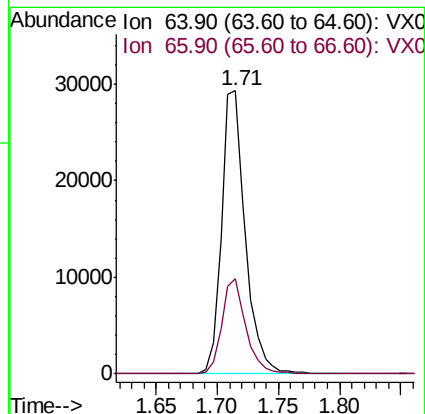
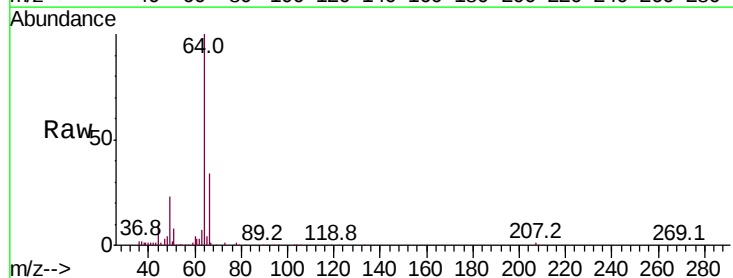
Acq: 29 May 2020 12:38

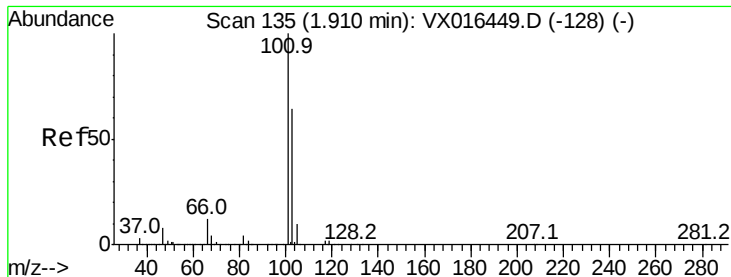
Tgt Ion: 64 Resp: 39633

Ion Ratio Lower Upper

64 100

66 33.6 26.7 40.1



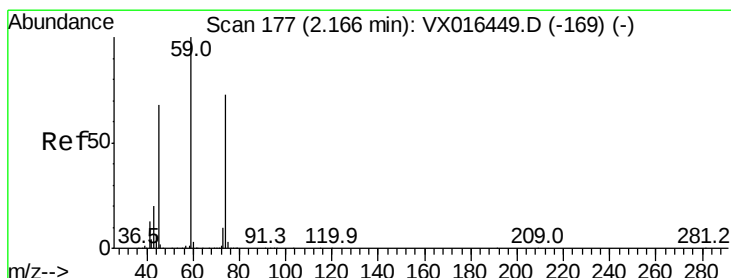
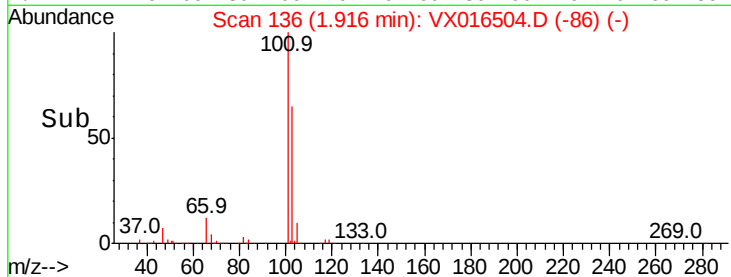
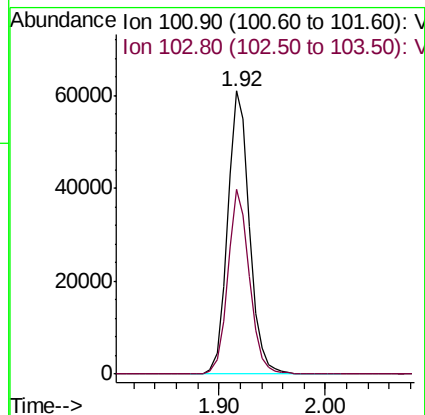
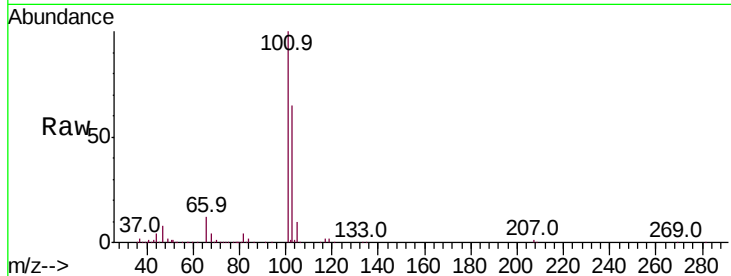


#7

Trichlorofluoromethane
 Concen: 17.729 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

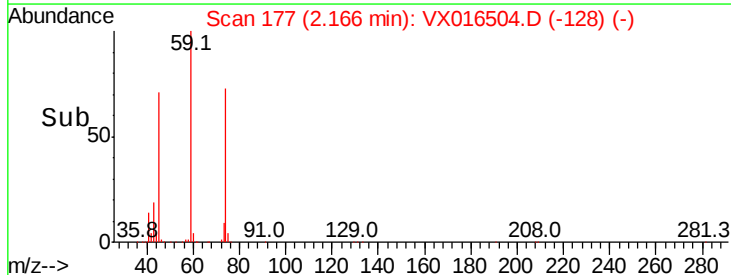
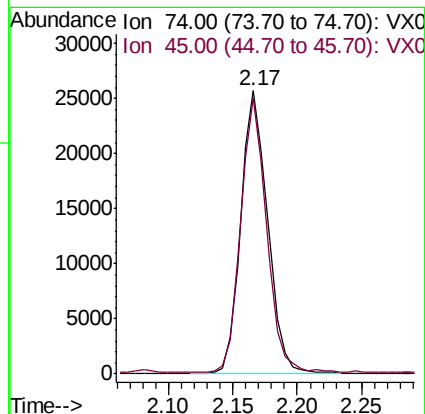
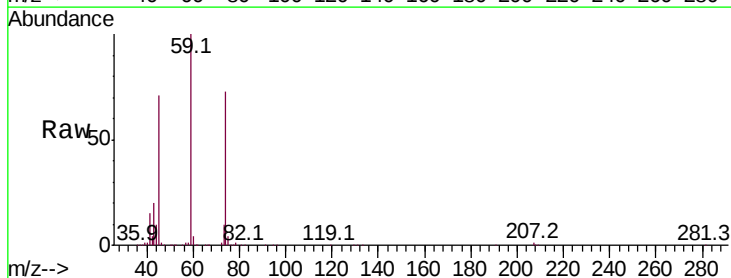
Tot Ion:101 Resp: 87268
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.9 76.3

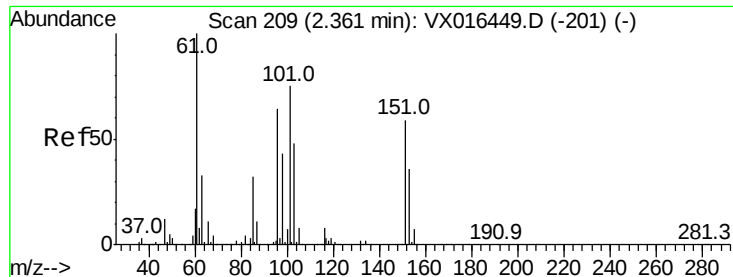


#8

Diethyl Ether
 Concen: 18.018 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 74 Resp: 36982
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.771 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016504.D

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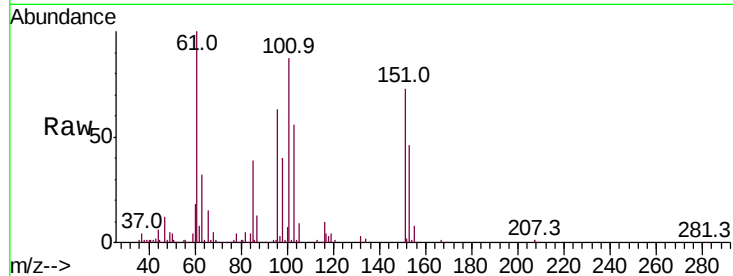
Tot Ion:101 Resp: 48142

Ion Ratio Lower Upper

101 100

85 43.4 34.4 51.6

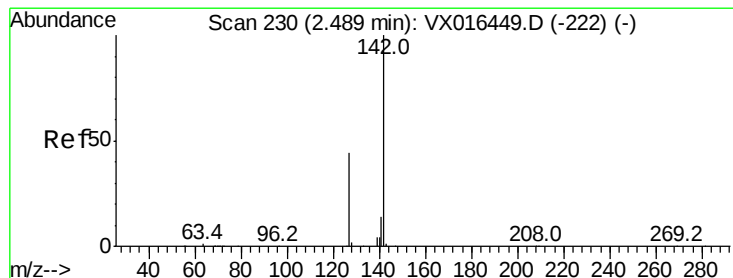
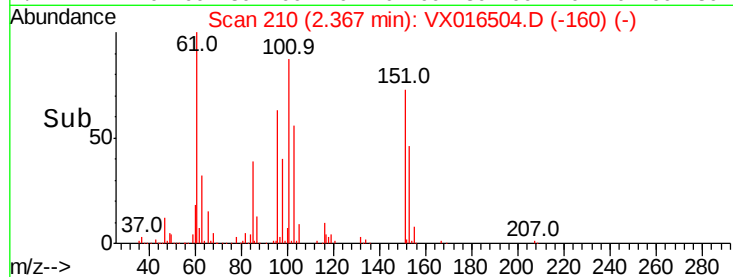
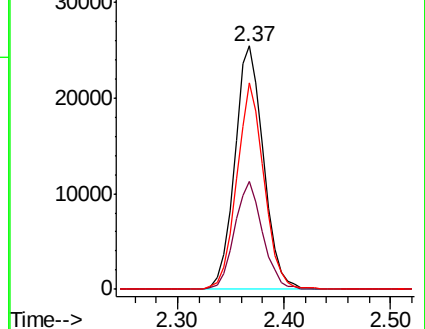
151 80.4 63.8 95.6



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: 17.614 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

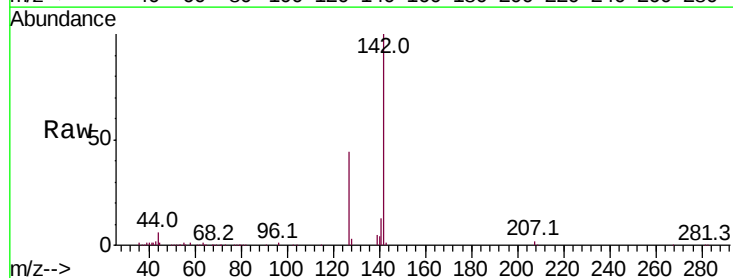
Tgt Ion:142 Resp: 50187

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

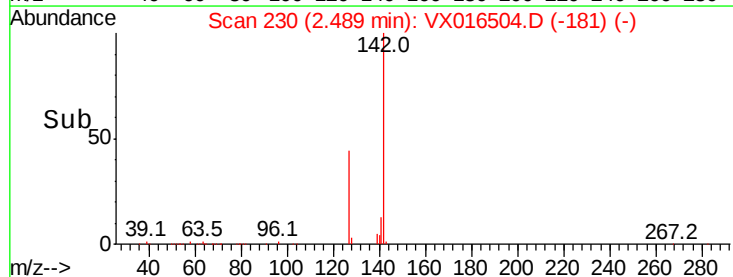
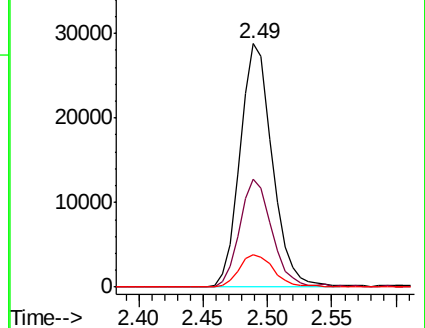
141 14.2 11.4 17.2

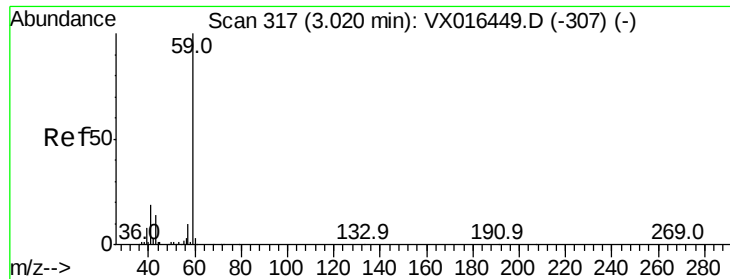


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



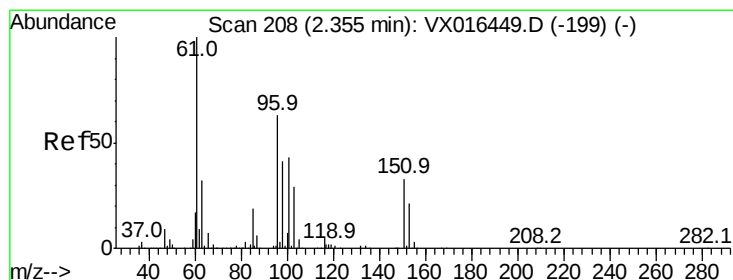
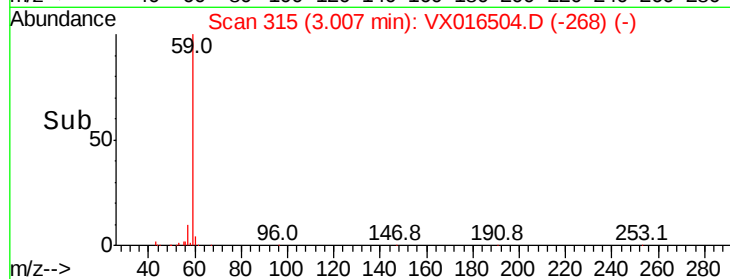
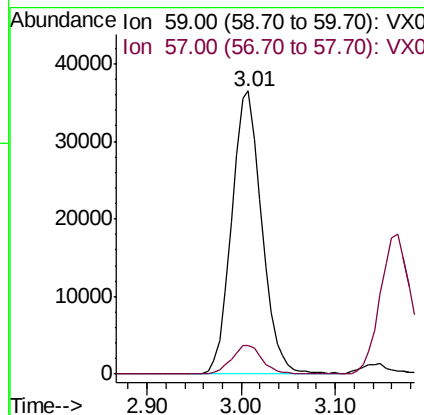
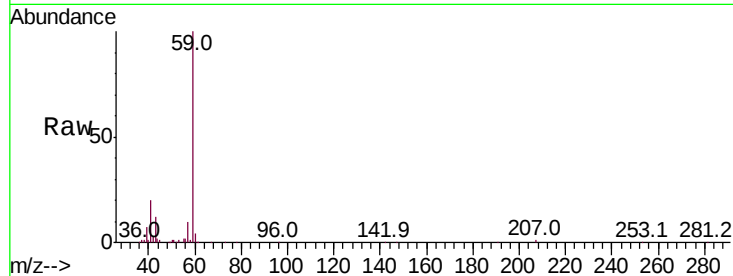


#11

Tert butyl alcohol
 Concen: 85.406 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

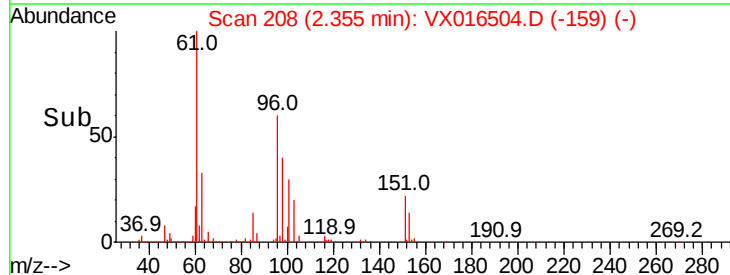
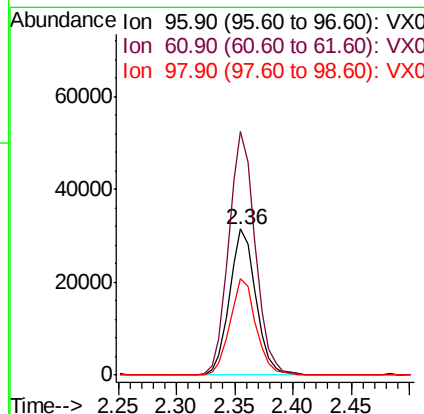
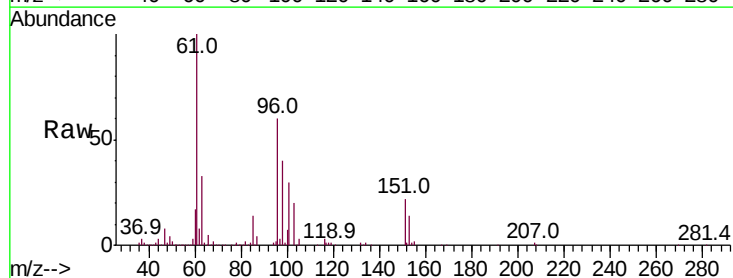
Tot Ion: 59 Resp: 81053
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

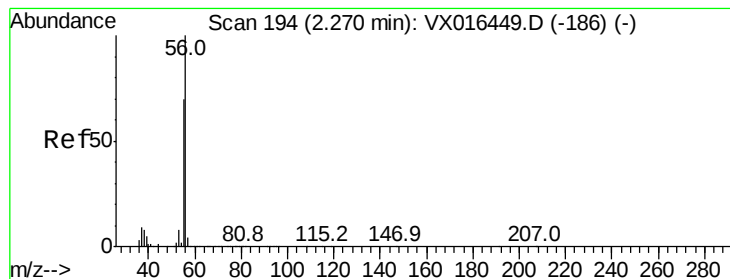


#12

1,1-Dichloroethene
 Concen: 17.289 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 96 Resp: 49576
 Ion Ratio Lower Upper
 96 100
 61 166.9 126.6 189.8
 98 66.3 51.3 76.9





#13

Acrolein

Concen: 91.146 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

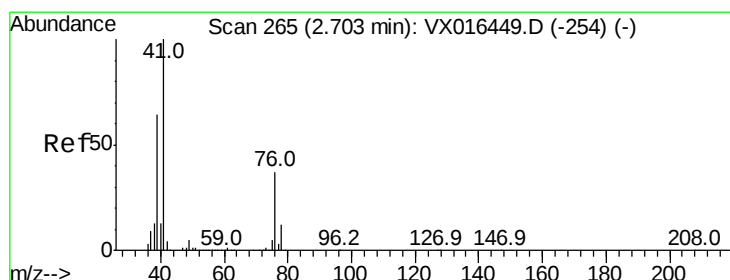
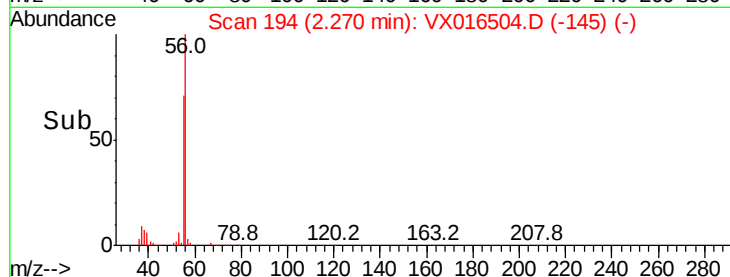
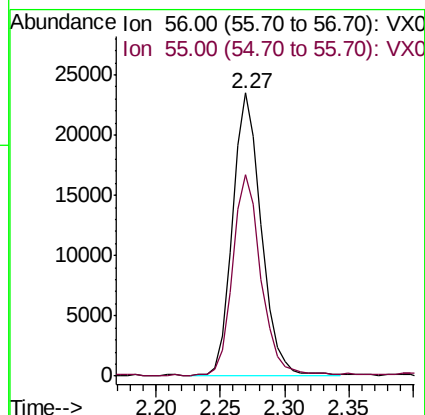
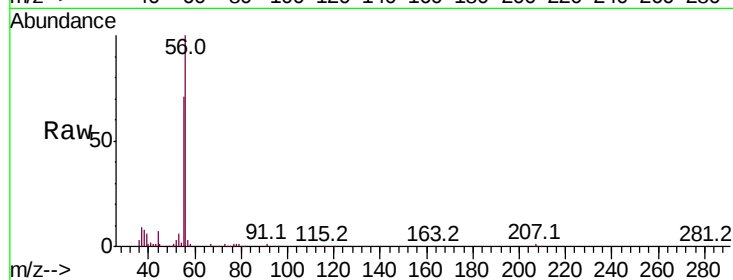
VX0529WBSD01

Tot Ion: 56 Resp: 36796

Ion Ratio Lower Upper

56 100

55 69.9 58.3 87.5



#14

Allyl chloride

Concen: 17.229 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

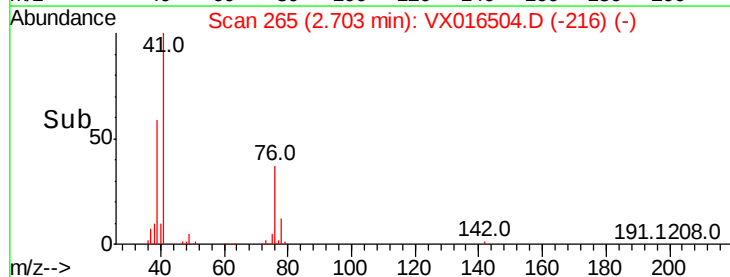
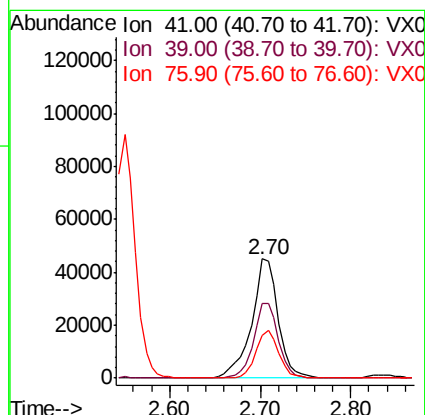
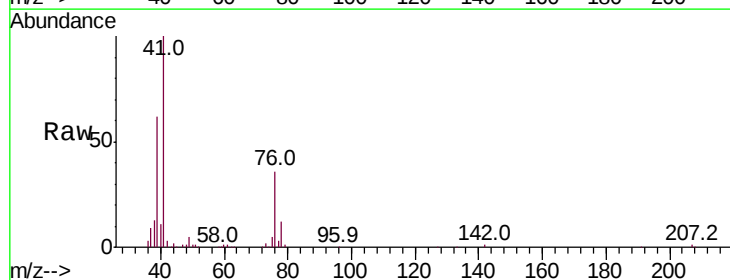
Tgt Ion: 41 Resp: 90857

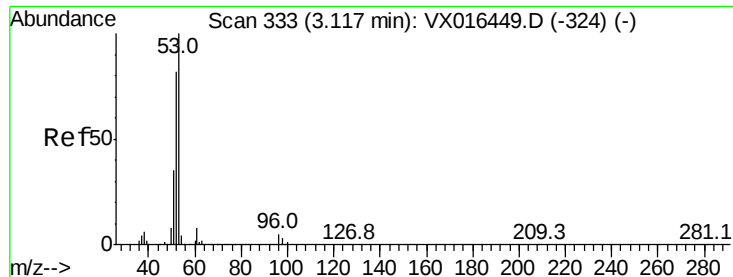
Ion Ratio Lower Upper

41 100

39 58.8 47.7 71.5

76 34.8 26.6 40.0





#15

Acrylonitrile

Concen: 89.497 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

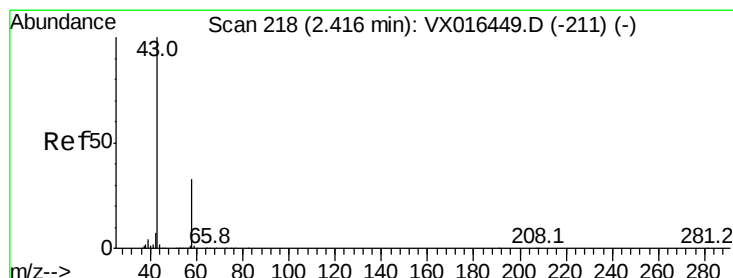
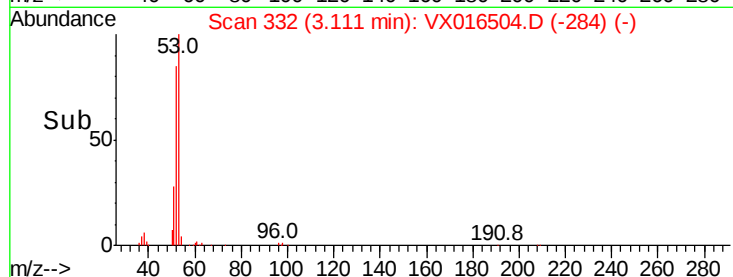
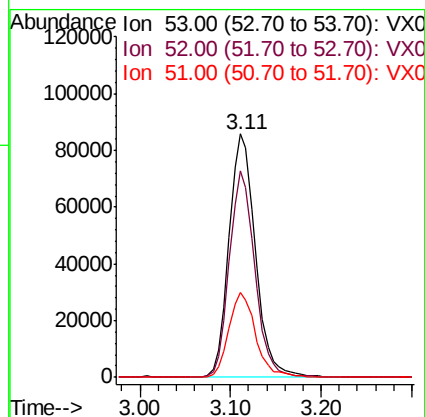
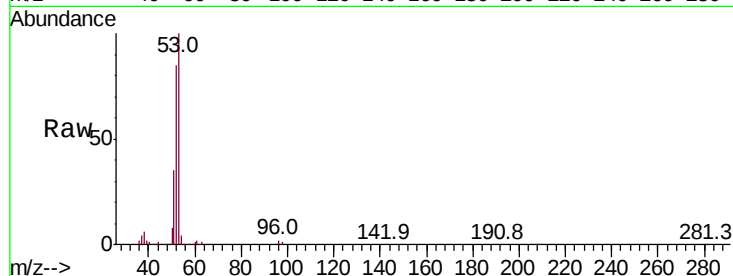
Tot Ion: 53 Resp: 173984

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

51 35.7 28.6 43.0



#16

Acetone

Concen: 89.690 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016504.D

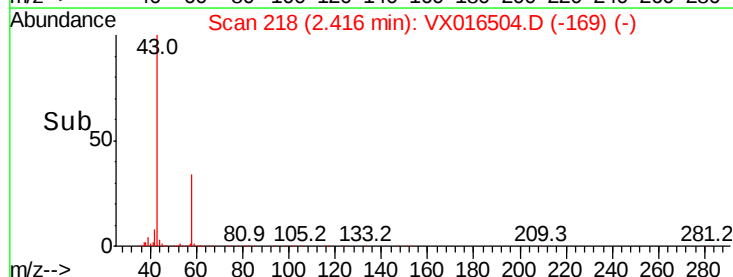
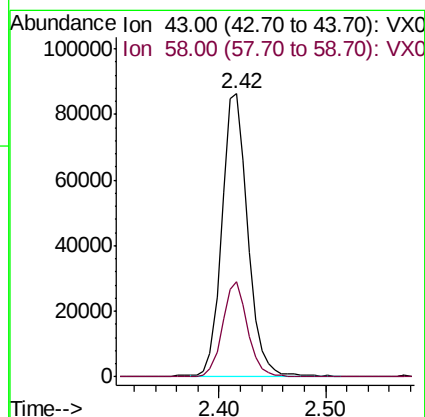
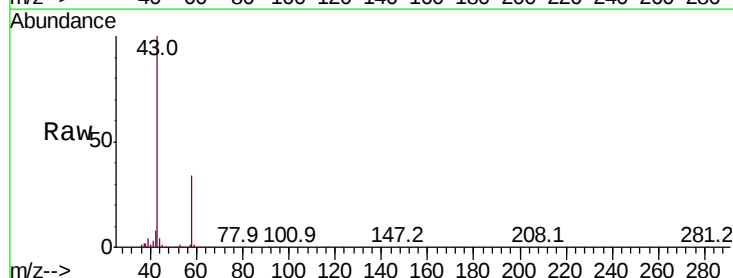
Acq: 29 May 2020 12:38

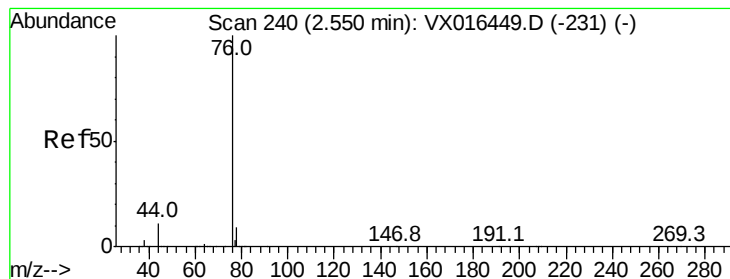
Tgt Ion: 43 Resp: 145428

Ion Ratio Lower Upper

43 100

58 33.6 26.1 39.1





#17

Carbon Disulfide

Concen: 17.172 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

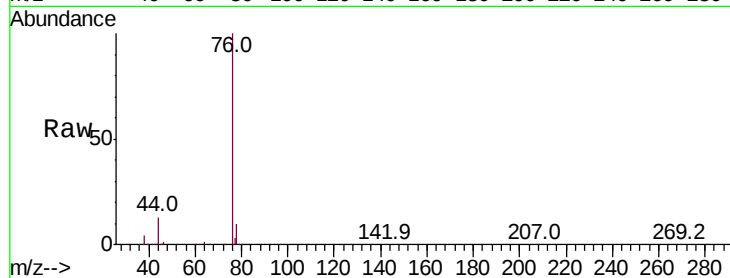
VX0529WBSD01

Tot Ion: 76 Resp: 146228

Ion Ratio Lower Upper

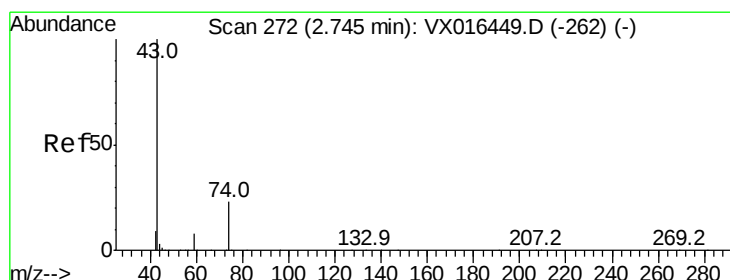
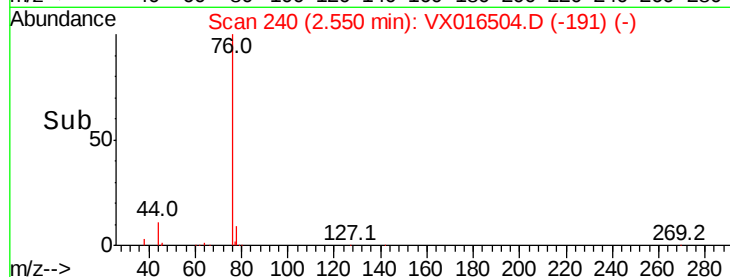
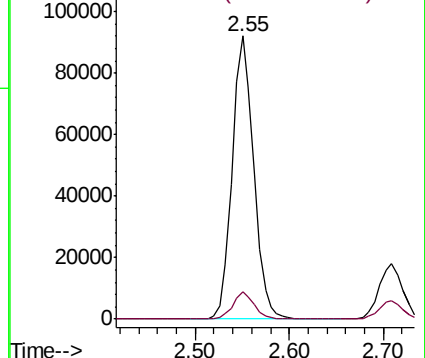
76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.046 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016504.D

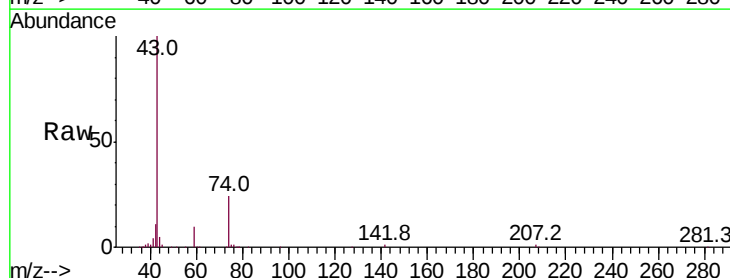
Acq: 29 May 2020 12:38

Tgt Ion: 43 Resp: 75049

Ion Ratio Lower Upper

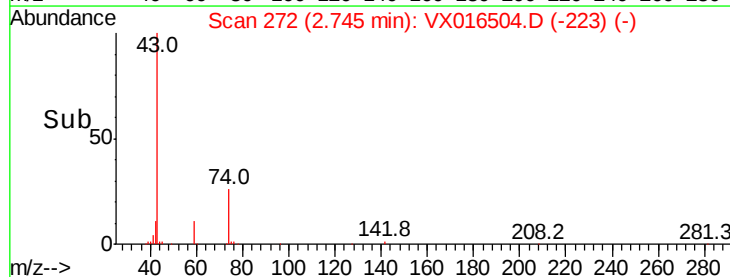
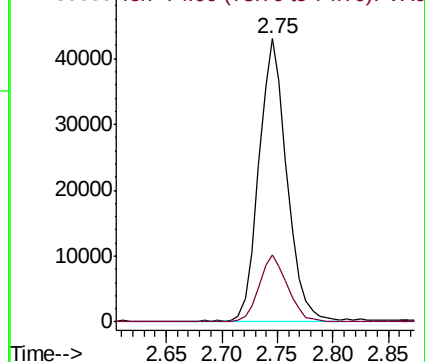
43 100

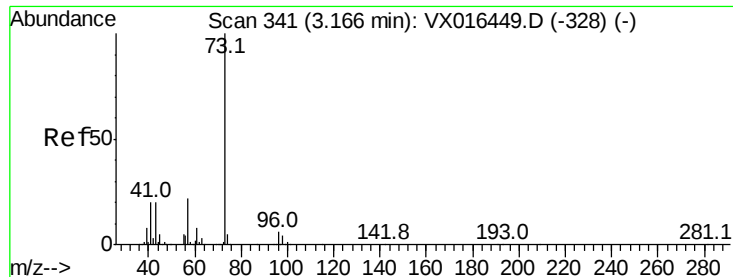
74 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



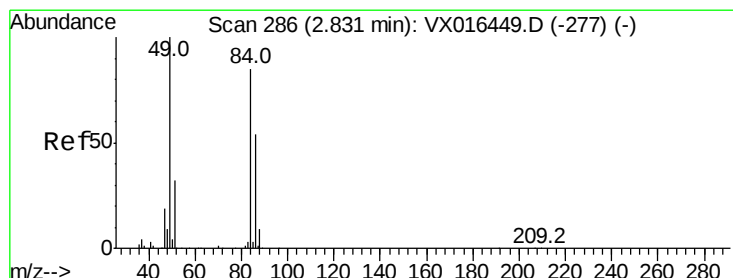
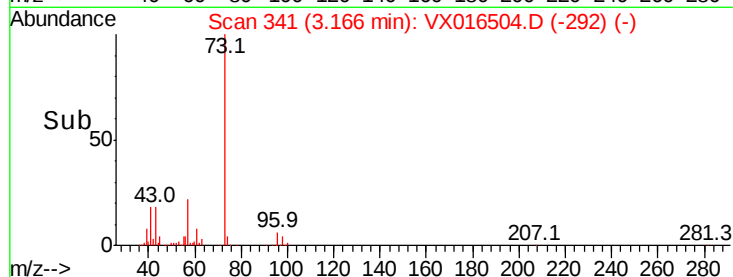
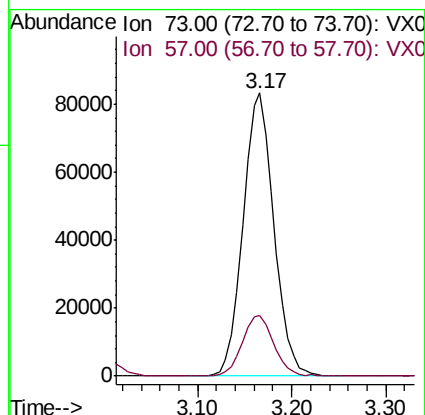
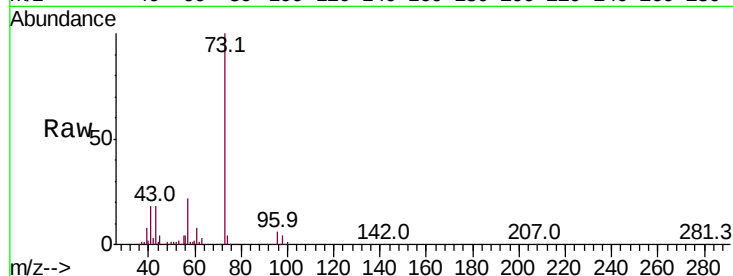


#19

Methyl tert-butyl Ether
 Concen: 18.418 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

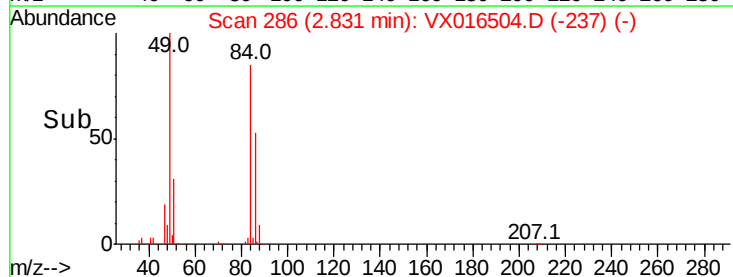
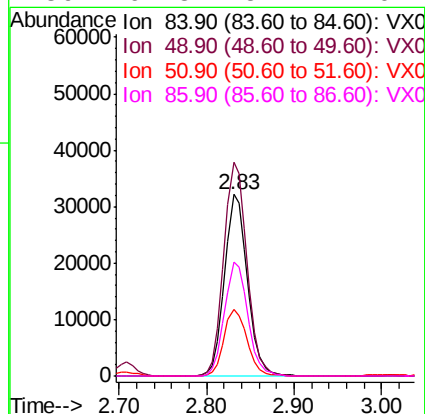
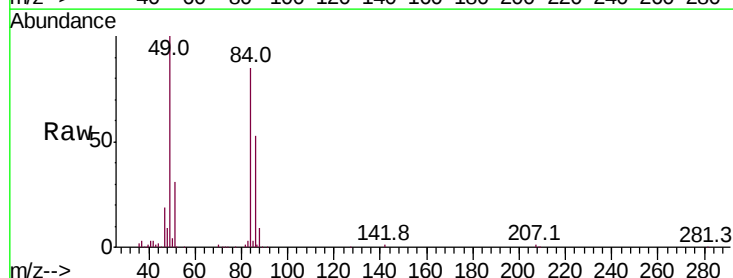
Tot Ion: 73 Resp: 189648
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.8 26.6

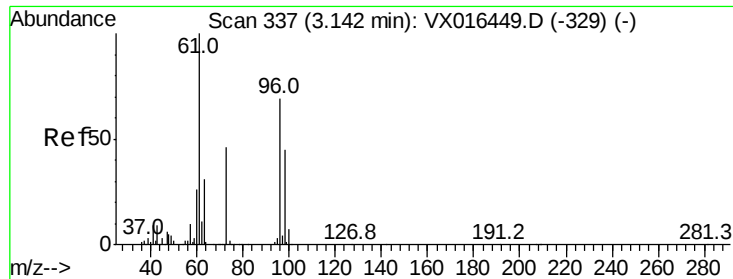


#20

Methylene Chloride
 Concen: 17.383 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 84 Resp: 58314
 Ion Ratio Lower Upper
 84 100
 49 117.7 94.5 141.7
 51 36.8 30.2 45.4
 86 62.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.776 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

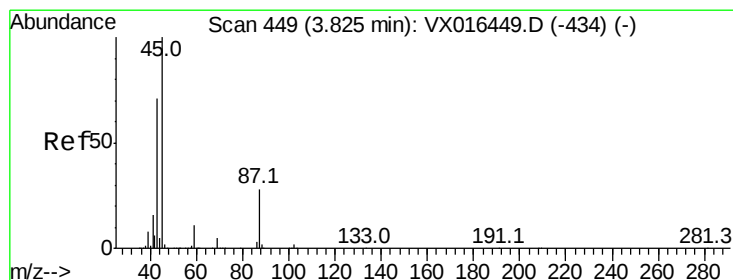
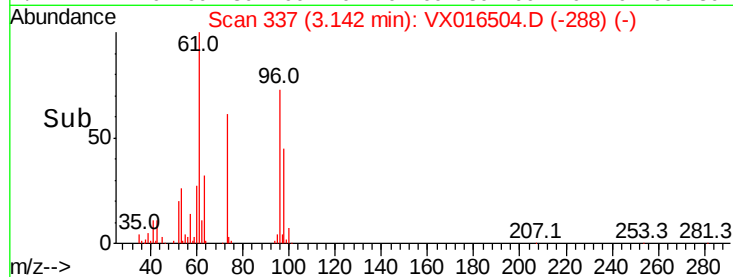
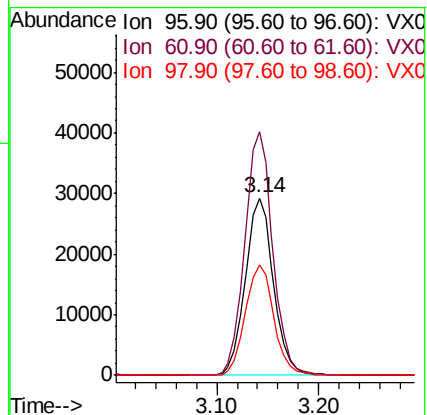
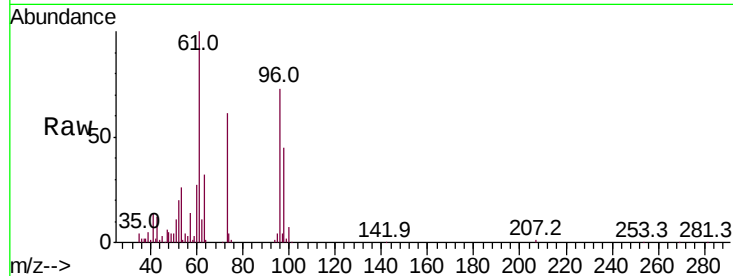
Tot Ion: 96 Resp: 56383

Ion Ratio Lower Upper

96 100

61 137.5 115.3 172.9

98 62.4 51.9 77.9



#22

Diisopropyl ether

Concen: 18.200 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion: 45 Resp: 184375

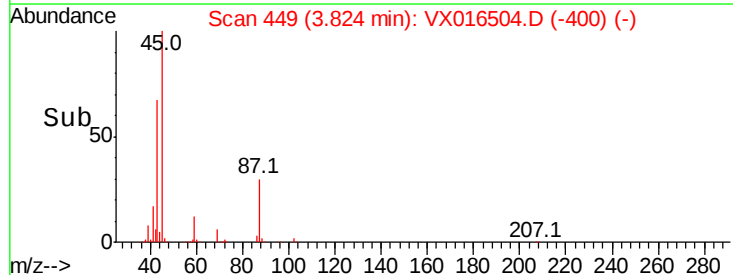
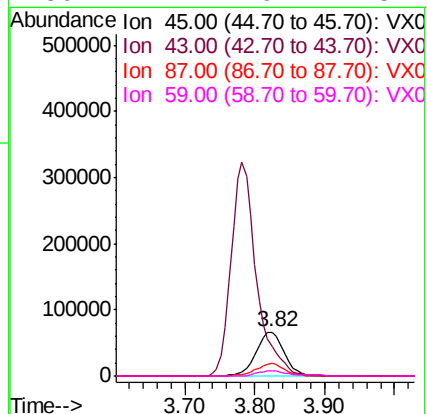
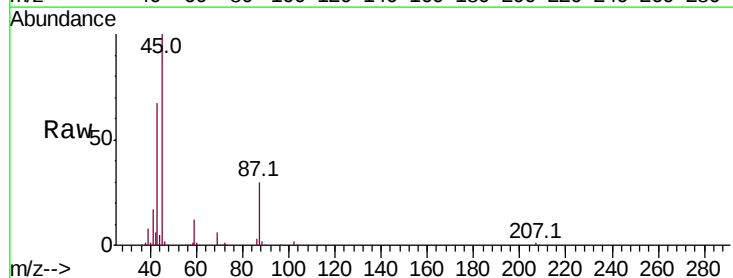
Ion Ratio Lower Upper

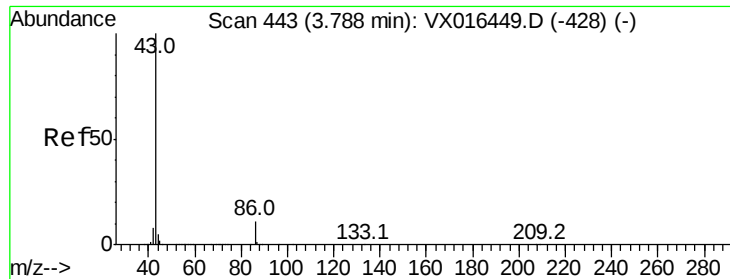
45 100

43 67.3 57.0 85.6

87 29.9 22.5 33.7

59 12.1 9.1 13.7





#23

Vinyl Acetate

Concen: 91.924 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

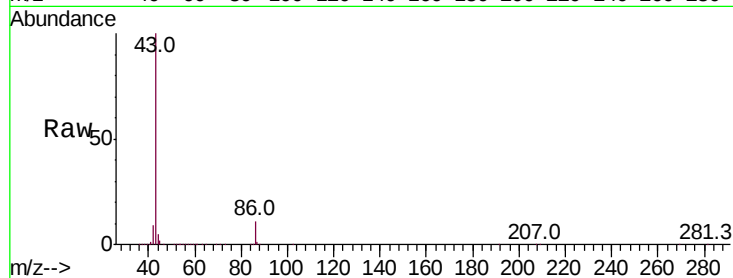
VX0529WBSD01

Tot Ion: 43 Resp: 815121

Ion Ratio Lower Upper

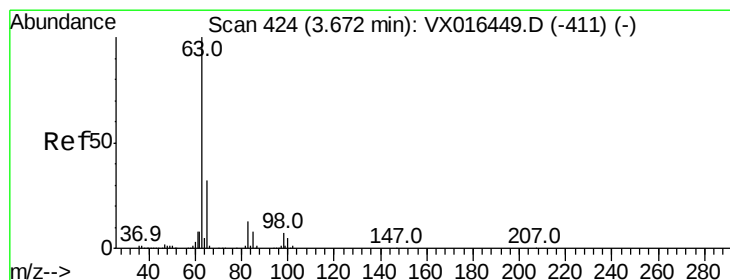
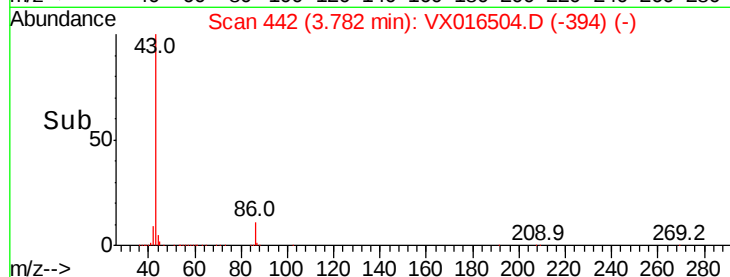
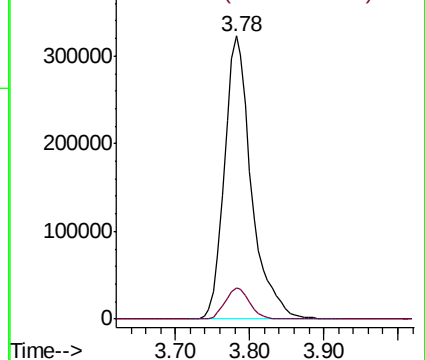
43 100

86 11.2 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: 18.006 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

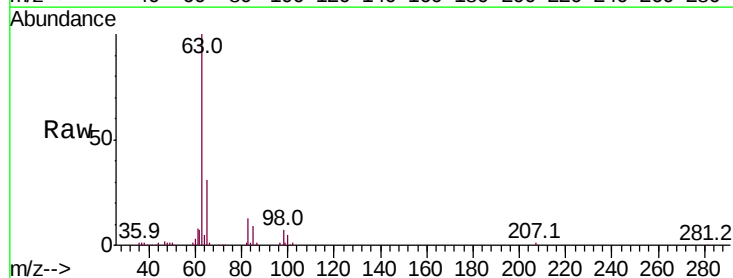
Tgt Ion: 63 Resp: 102957

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

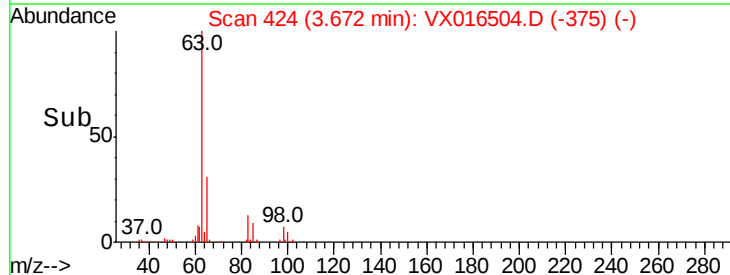
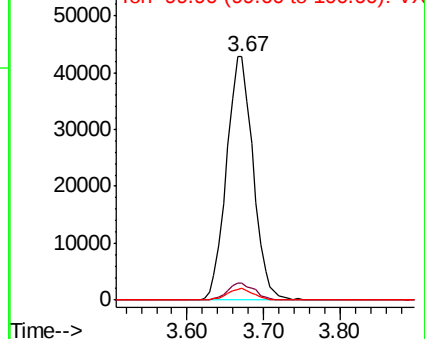
100 5.1 2.4 7.1

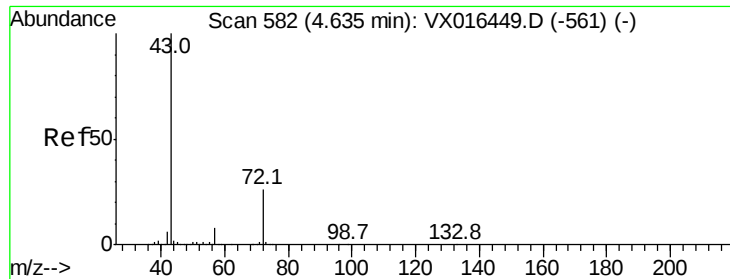


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.429 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

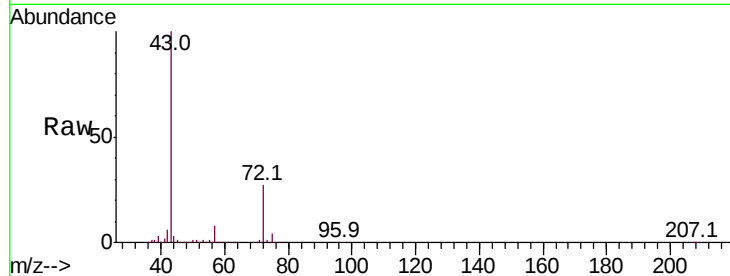
VX0529WBSD01

Tot Ion: 43 Resp: 242959

Ion Ratio Lower Upper

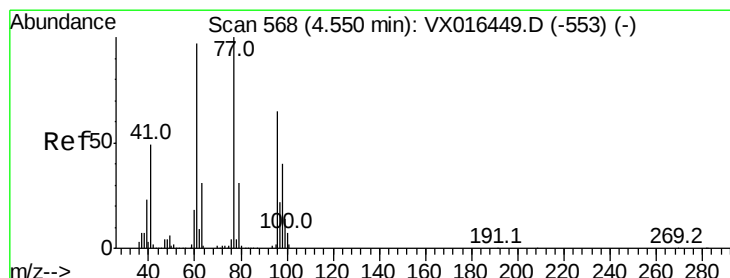
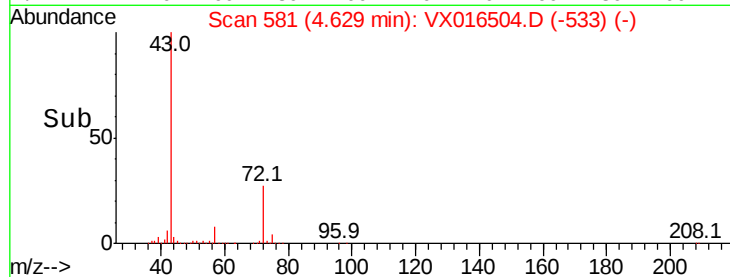
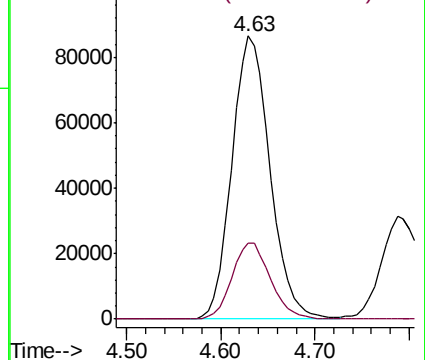
43 100

72 26.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.194 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016504.D

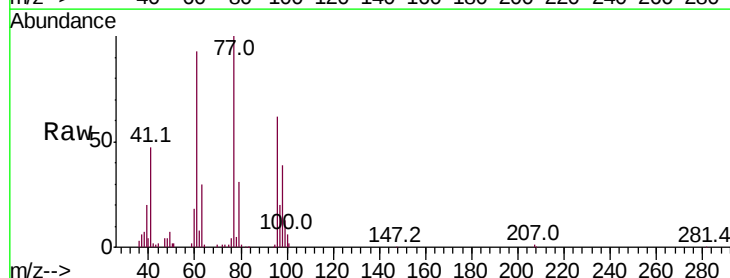
Acq: 29 May 2020 12:38

Tgt Ion: 77 Resp: 89803

Ion Ratio Lower Upper

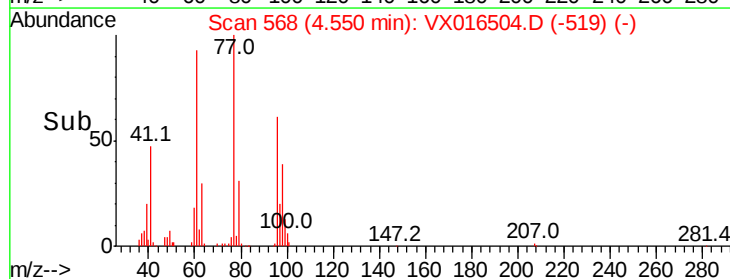
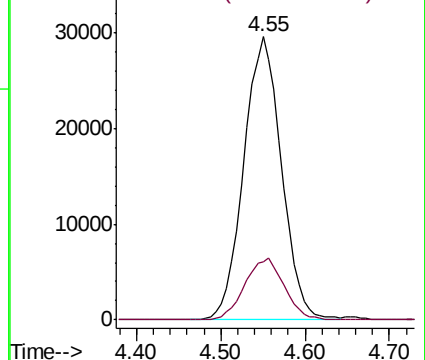
77 100

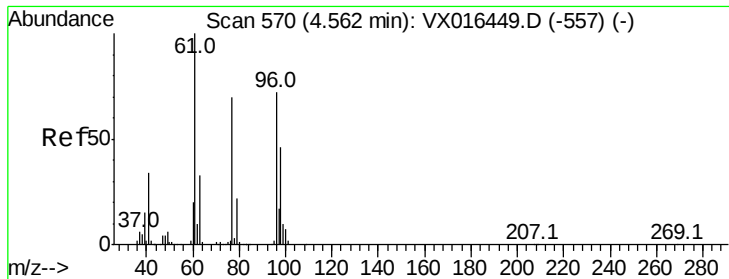
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



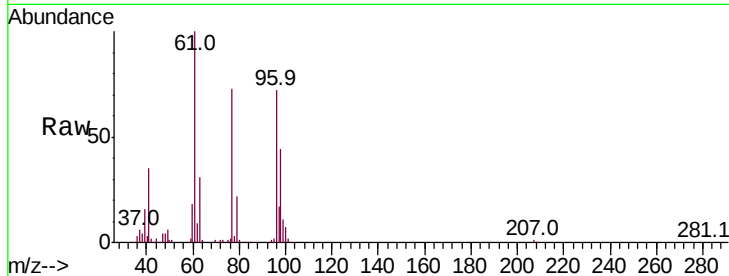


#27

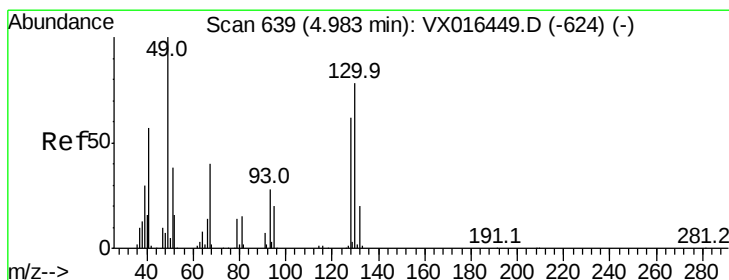
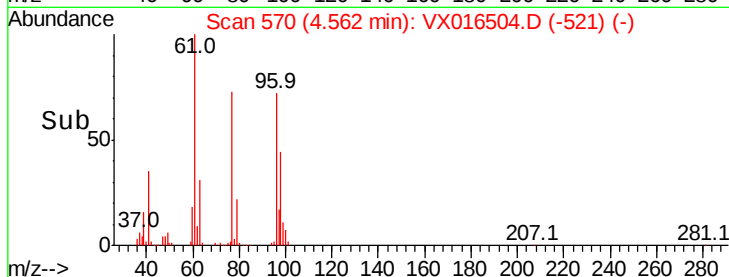
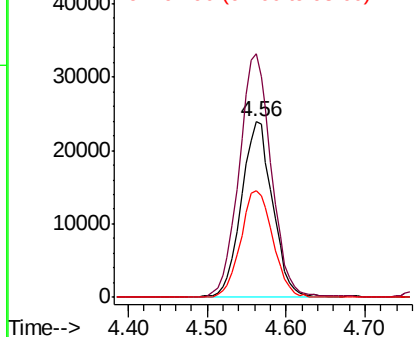
cis-1,2-Dichloroethene
 Concen: 17.966 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	284.6
98	62.4	0.0	127.2



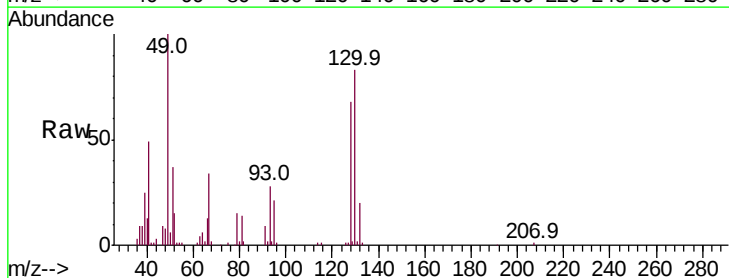
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



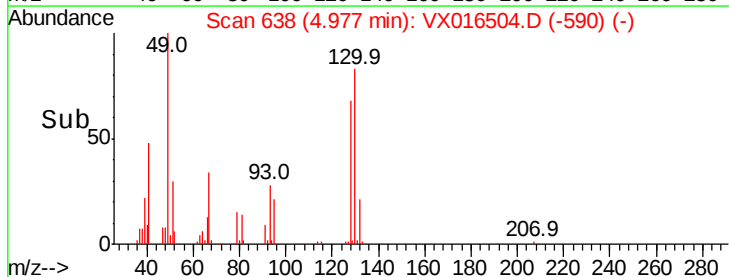
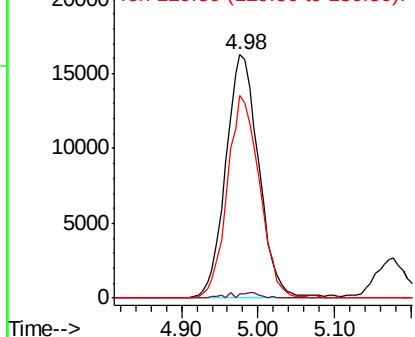
#28

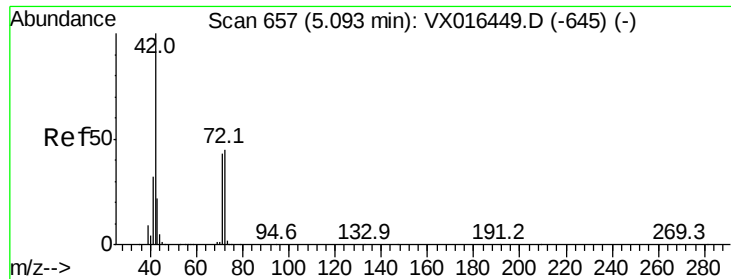
Bromochloromethane
 Concen: 18.396 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.0
130	80.4	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: 91.201 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

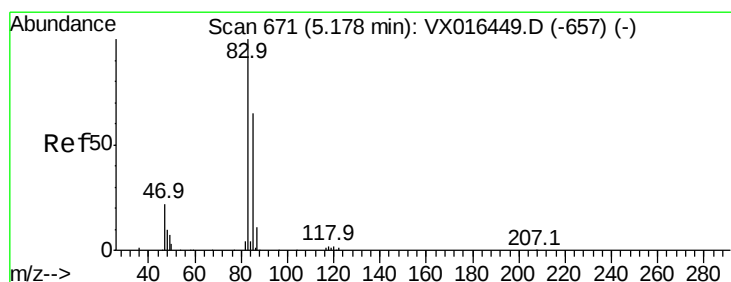
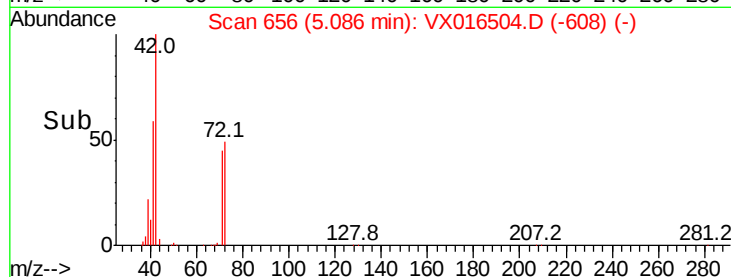
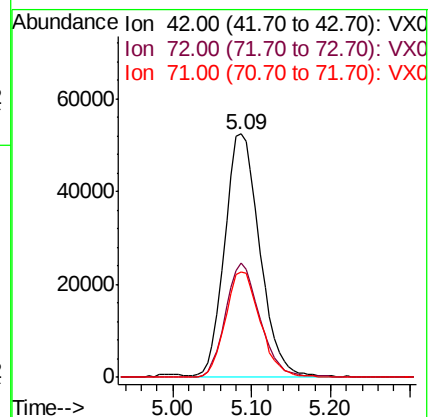
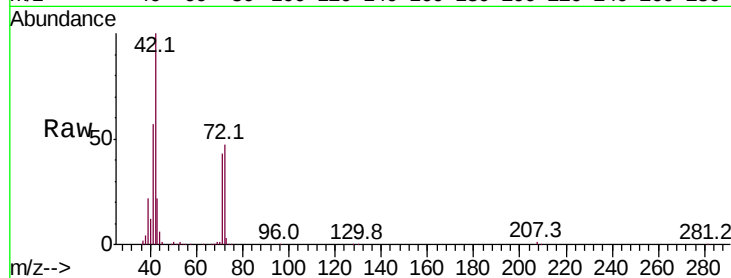
Tot Ion: 42 Resp: 161882

Ion Ratio Lower Upper

42 100

72 46.1 37.0 55.4

71 43.2 34.1 51.1



#30

Chloroform

Concen: 17.909 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016504.D

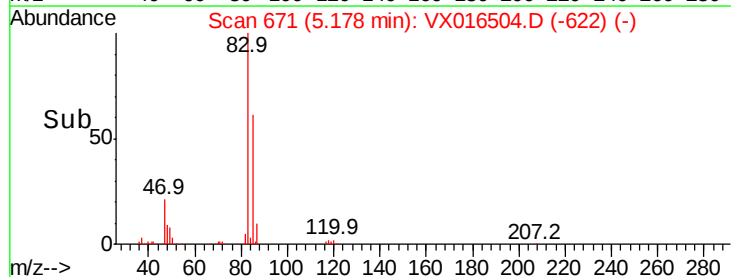
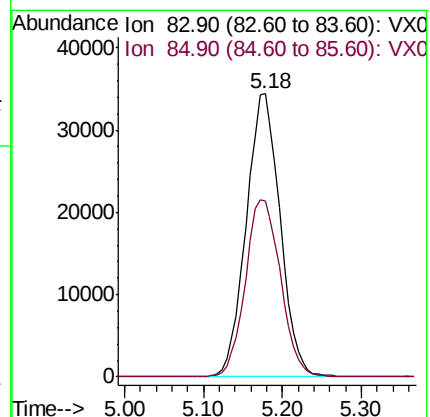
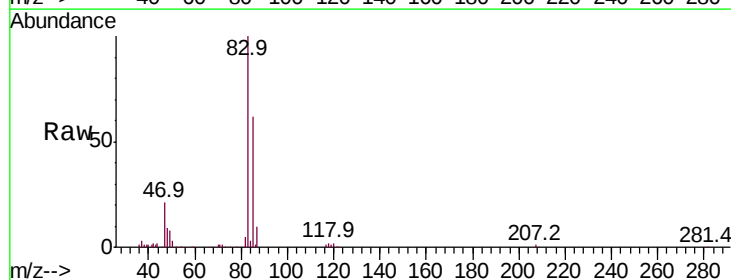
Acq: 29 May 2020 12:38

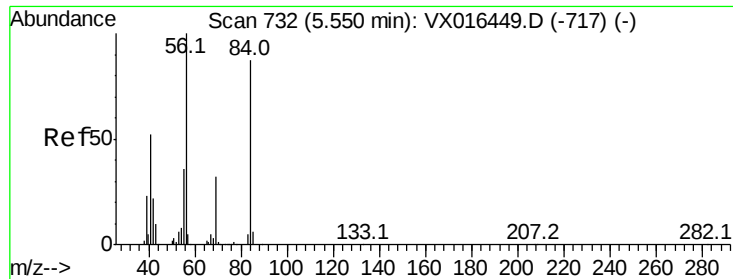
Tgt Ion: 83 Resp: 103180

Ion Ratio Lower Upper

83 100

85 61.9 52.0 78.0

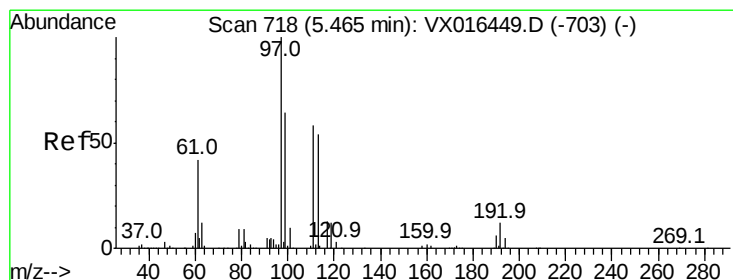
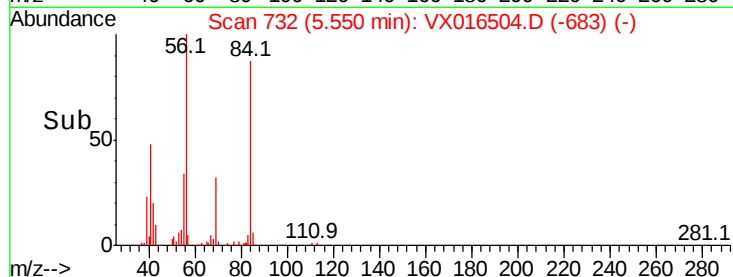
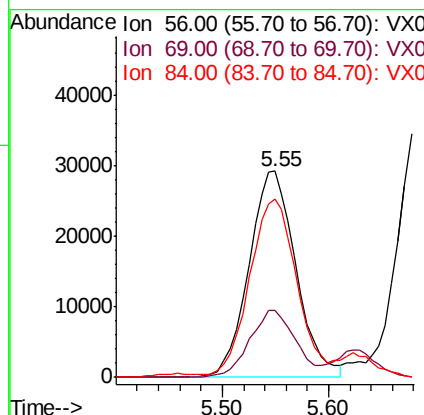
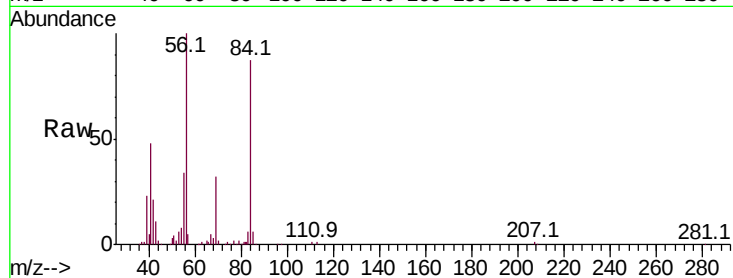




#31
Cyclohexane
Concen: 17.489 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

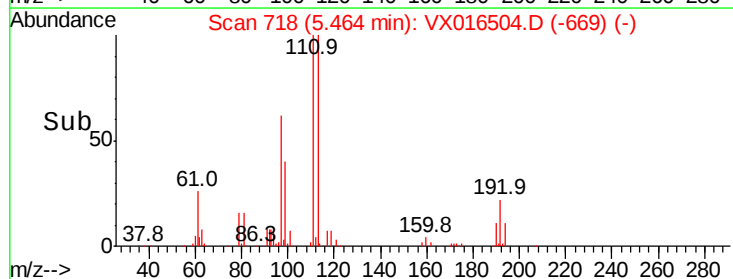
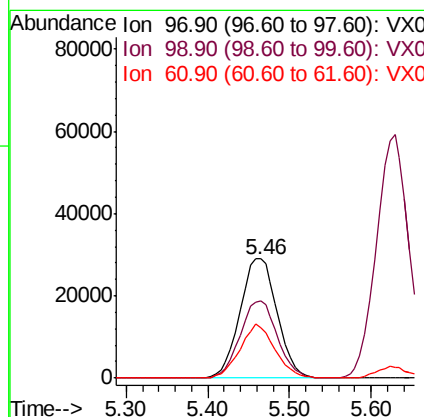
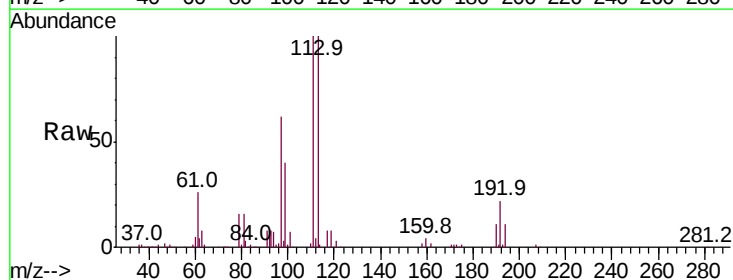
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

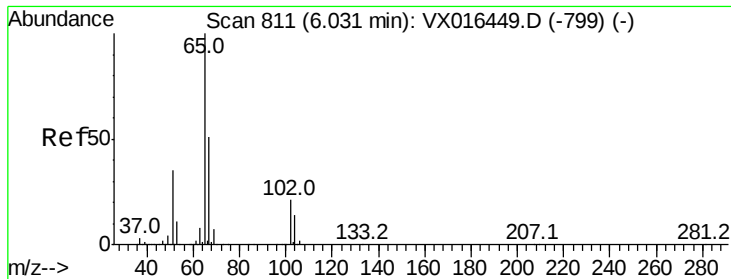
Tot Ion: 56 Resp: 89962
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 84.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.683 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion: 97 Resp: 92234
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 42.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 46.757 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

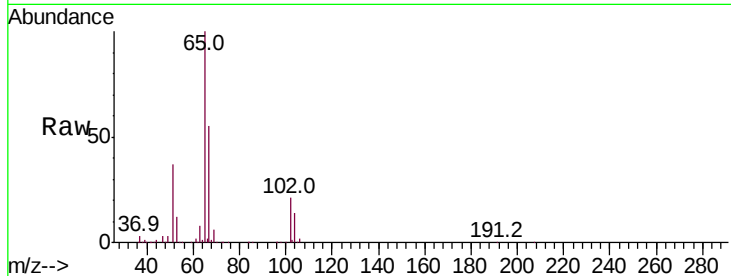
VX0529WBSD01

Tot Ion: 65 Resp: 173043

Ion Ratio Lower Upper

65 100

67 53.4 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

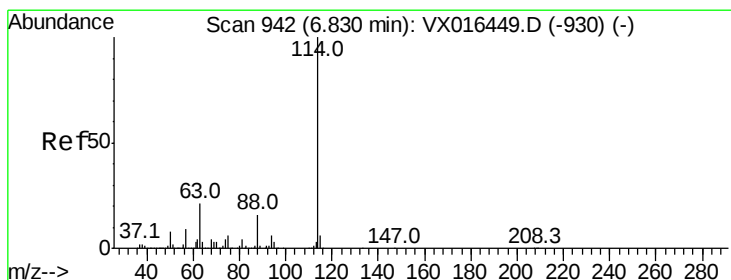
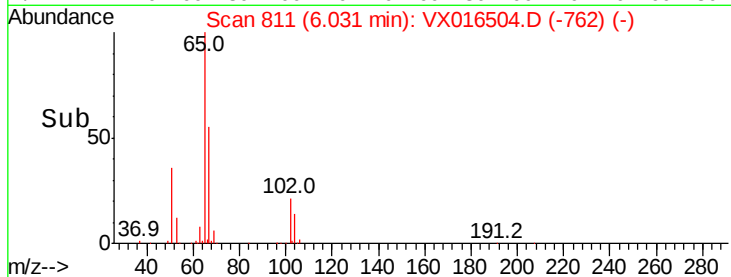
40000

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: VX016504.D

Acq: 29 May 2020 12:38

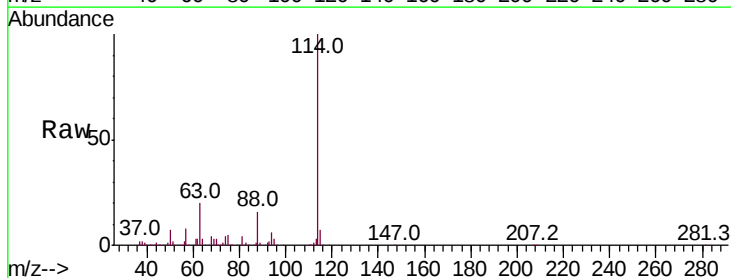
Tgt Ion: 114 Resp: 461591

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.3 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

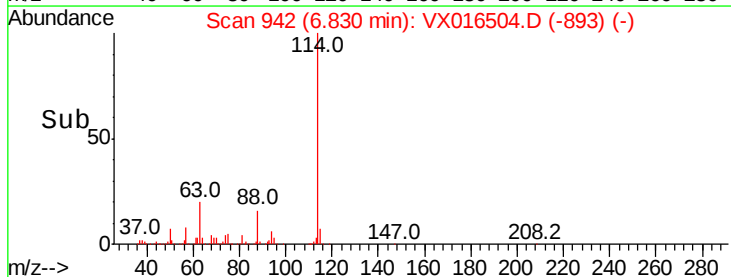
100000

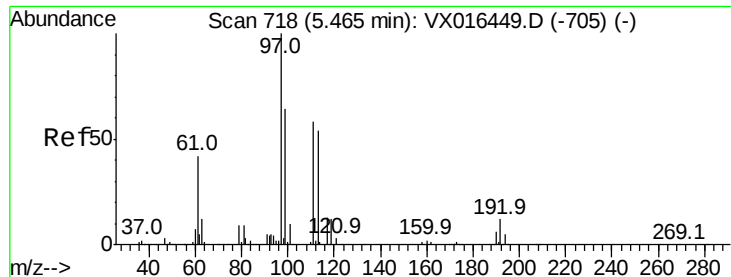
50000

0

Time-->

6.70 6.80 6.90 7.00

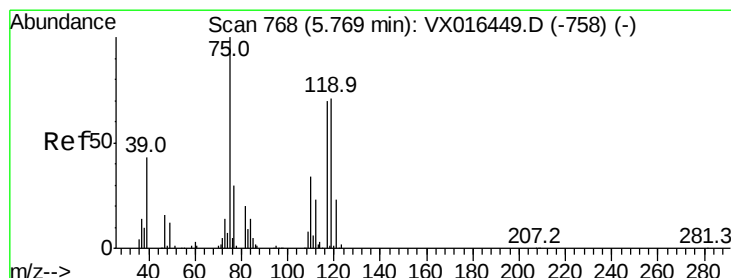
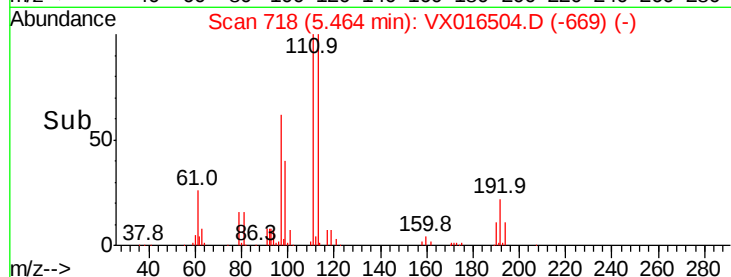
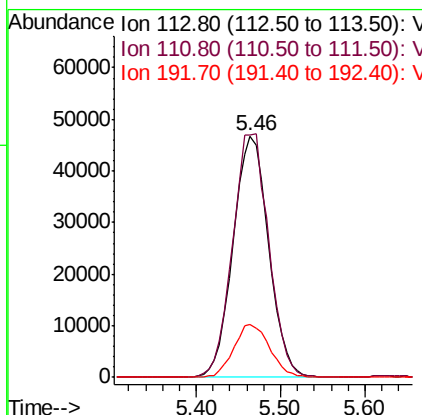
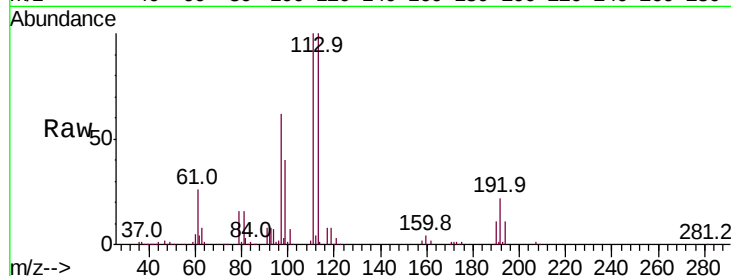




#35
 Dibromofluoromethane
 Concen: 46.945 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

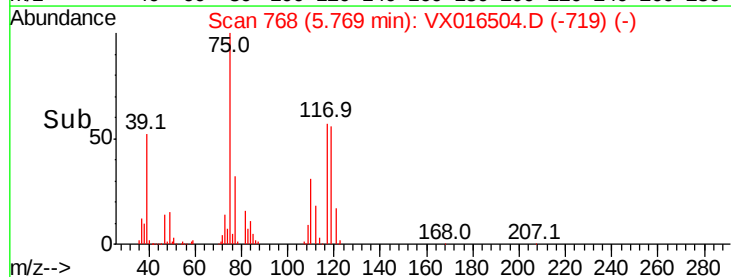
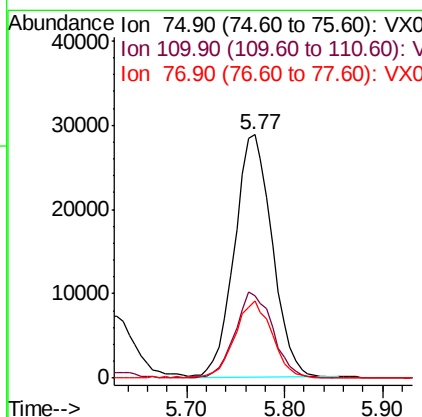
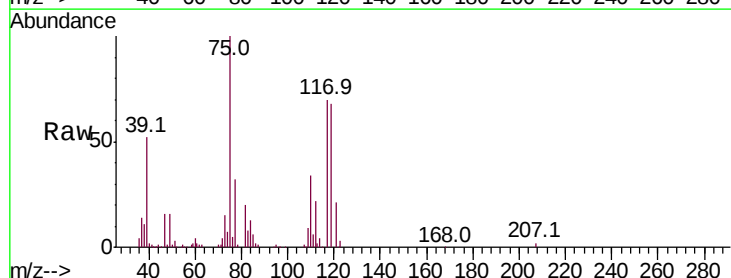
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

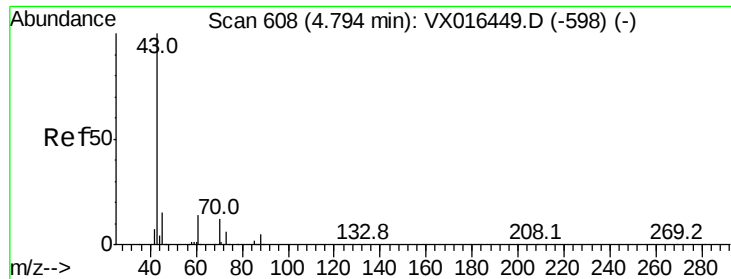
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	22.2	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 17.624 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.3
77	31.6	24.2	36.4





#37

Ethyl Acetate

Concen: 17.593 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

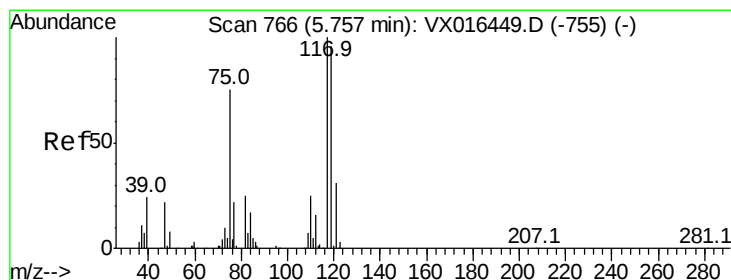
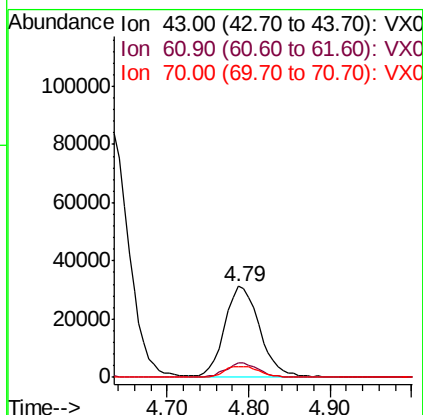
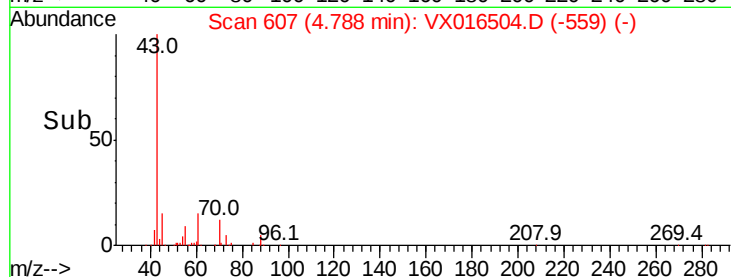
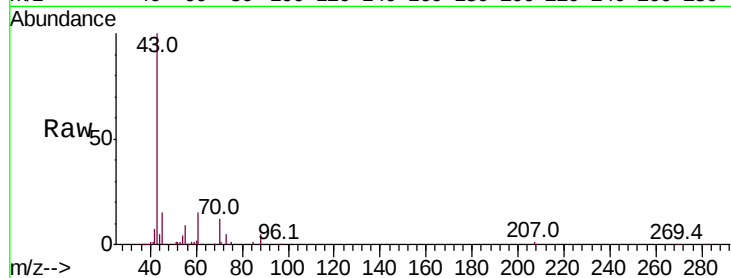
Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :
MSVOA_X
ClientSampleID :
VX0529WBSD01

Tot Ion: 43 Resp: 92311

Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.3	16.9
70	12.5	9.3	13.9



#38

Carbon Tetrachloride

Concen: 17.770 ug/l

RT: 5.75 min Scan# 765

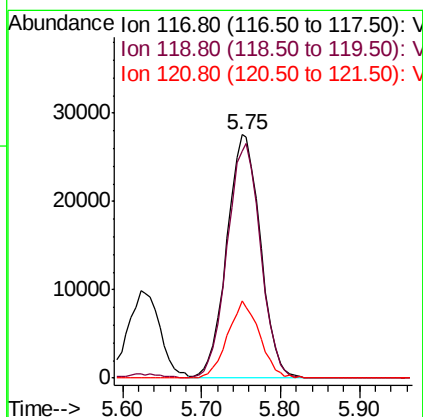
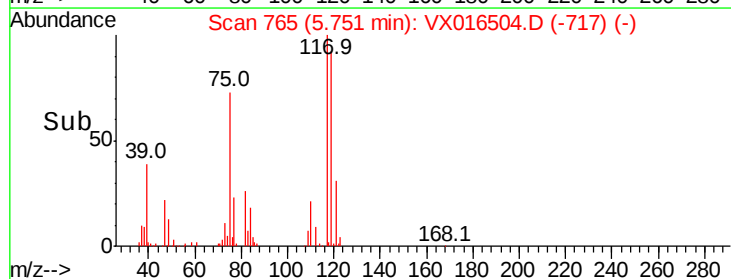
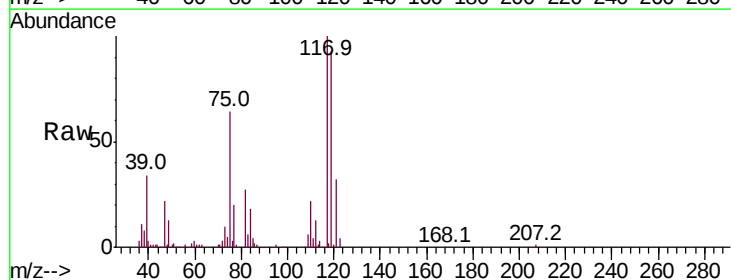
Delta R.T. -0.01 min

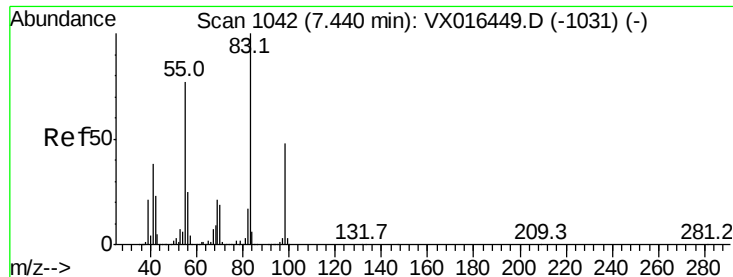
Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion: 117 Resp: 81615

Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
121	31.8	24.6	37.0

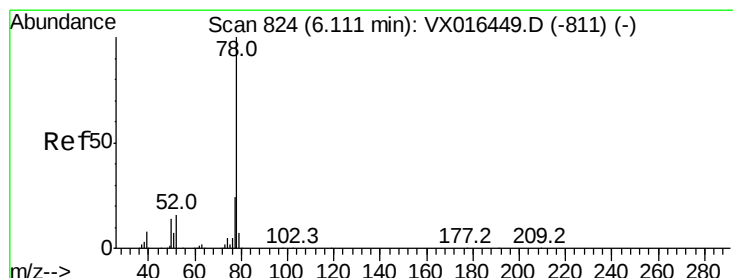
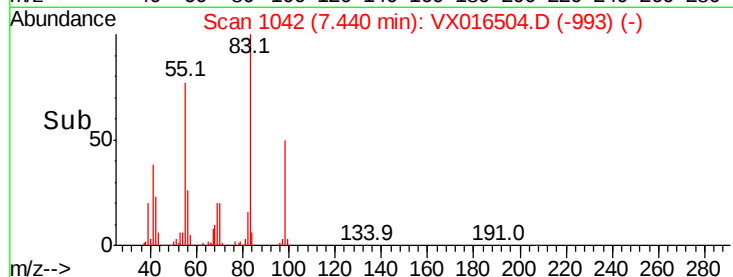
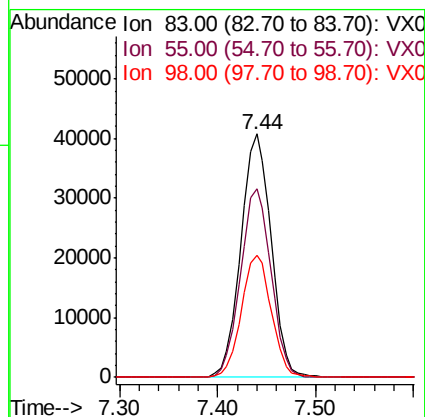
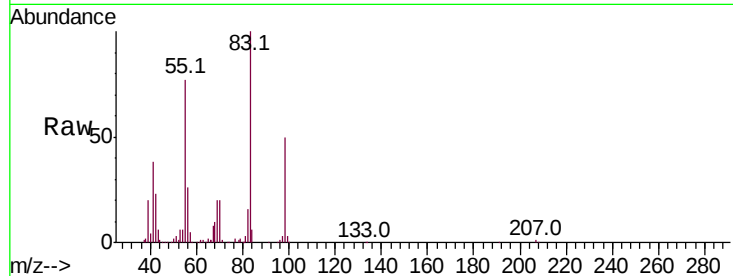




#39
Methvlcvclohexane
Concen: 18.503 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

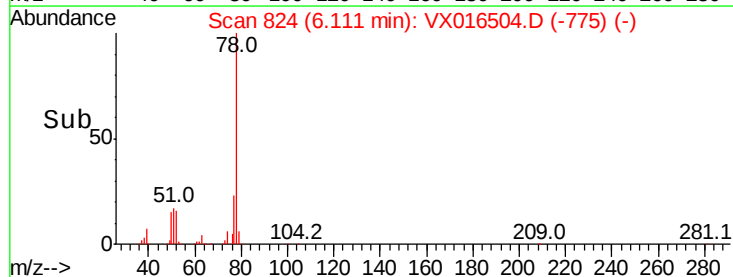
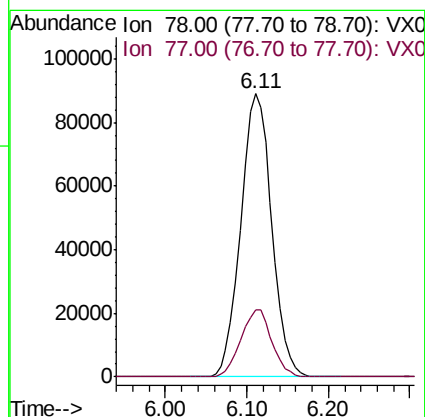
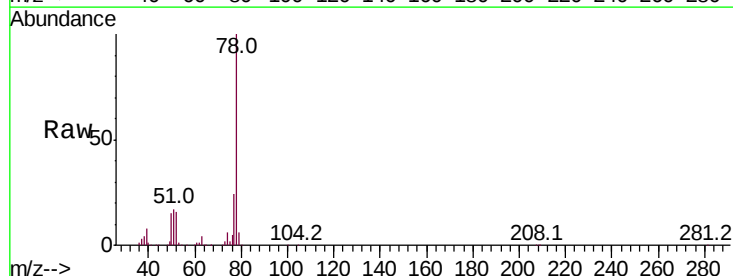
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

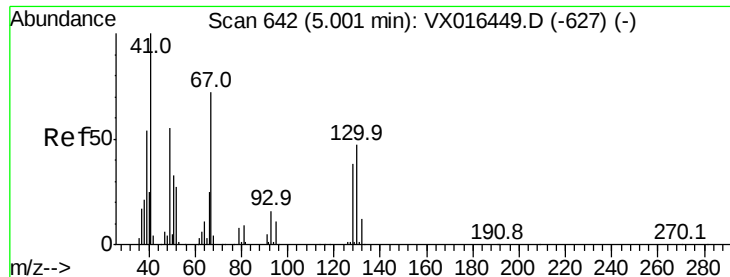
Tot Ion: 83 Resp: 87832
Ion Ratio Lower Upper
83 100
55 77.3 61.7 92.5
98 49.9 38.7 58.1



#40
Benzene
Concen: 18.001 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion: 78 Resp: 234281
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

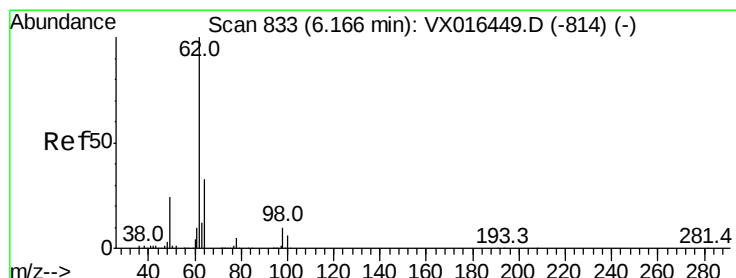
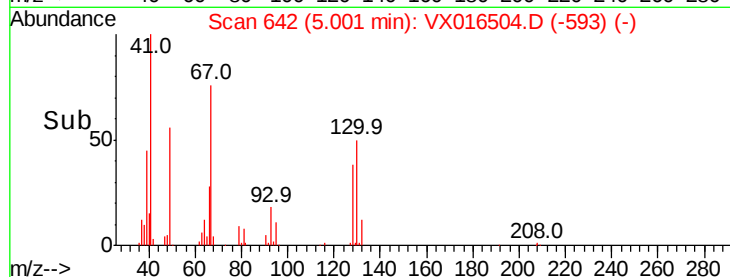
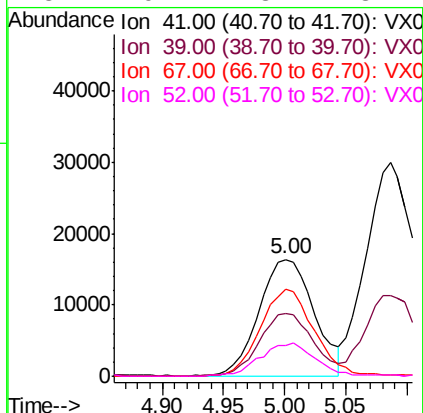
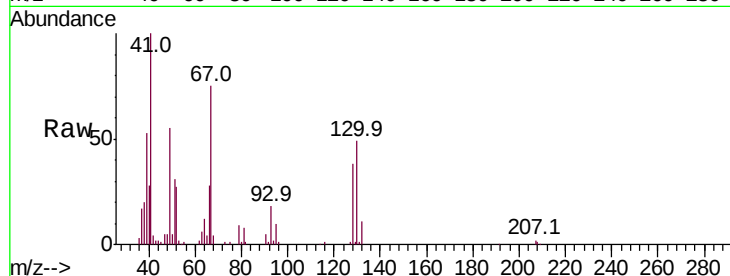




#41
Methacrylonitrile
Concen: 17.893 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

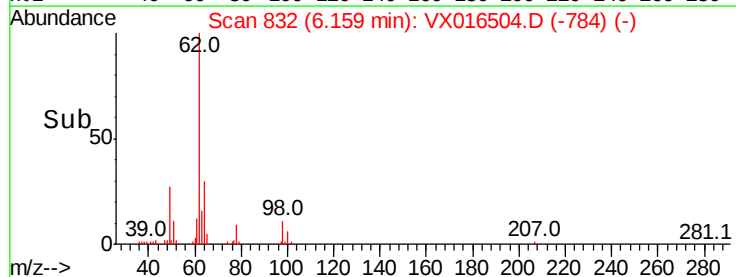
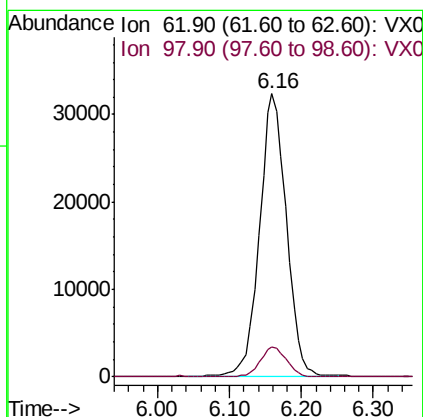
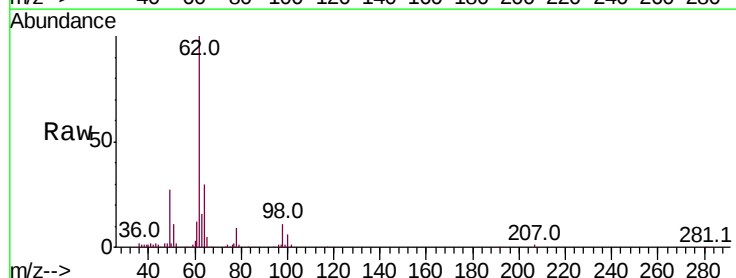
Instrument :
MSVOA_X
ClientSampleID :
VX0529WBSD01

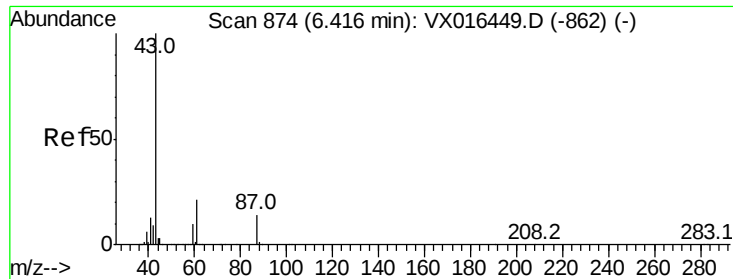
Tot Ion:	41	Resp:	51570
Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.0	64.4
67	72.8	58.9	88.3
52	29.1	23.1	34.7



#42
1,2-Dichloroethane
Concen: 18.209 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion:	62	Resp:	84280
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.027 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

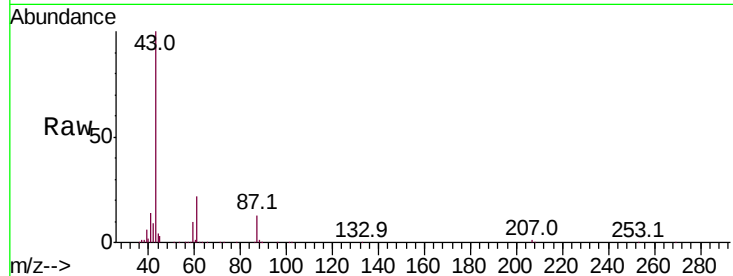
Tot Ion: 43 Resp: 147539

Ion Ratio Lower Upper

43 100

61 21.6 16.8 25.2

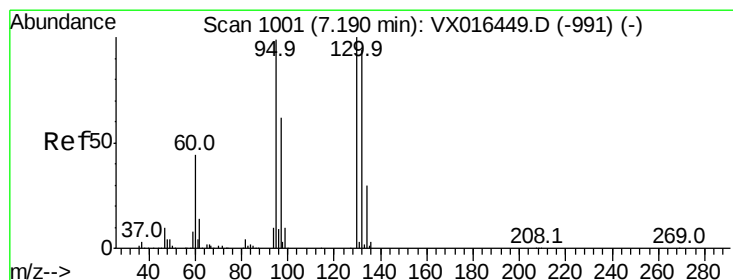
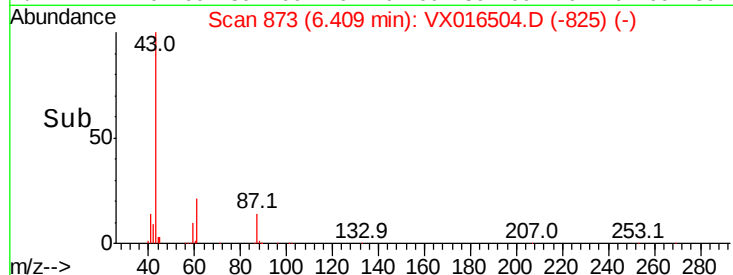
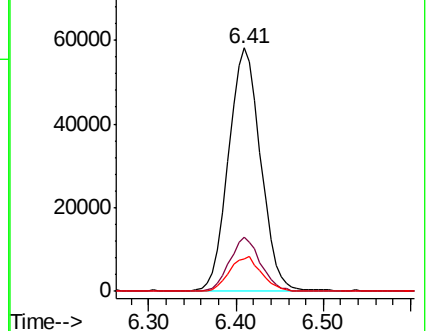
87 14.3 11.2 16.8



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: 18.308 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016504.D

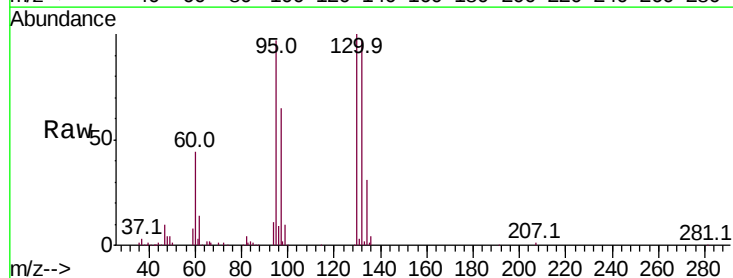
Acq: 29 May 2020 12:38

Tgt Ion:130 Resp: 75601

Ion Ratio Lower Upper

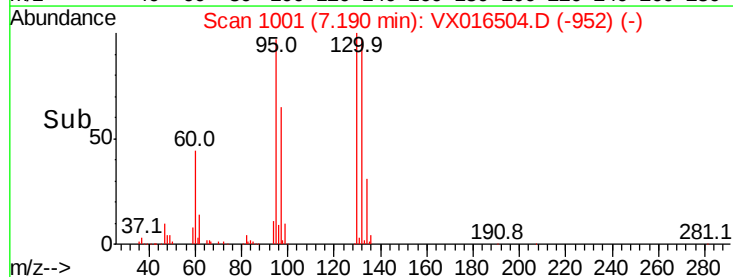
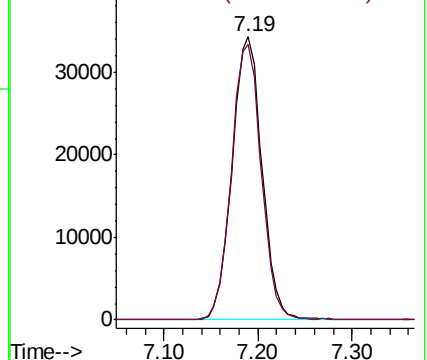
130 100

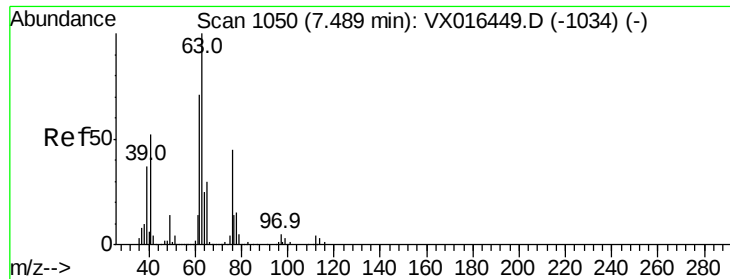
95 97.4 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

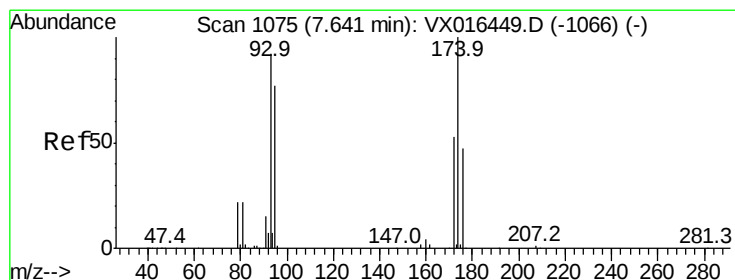
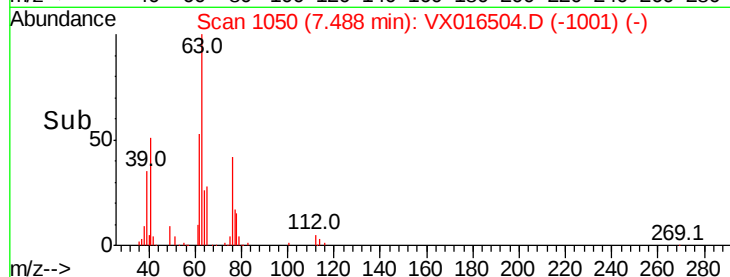
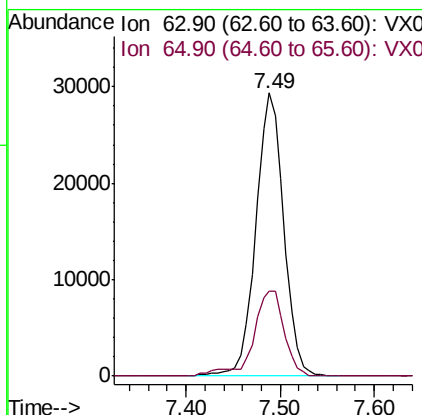
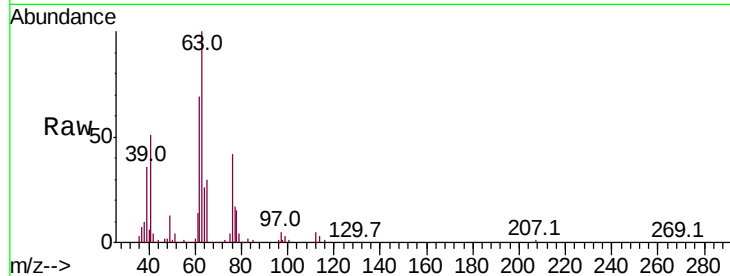




#45
 1,2-Dichloropropane
 Concen: 18.283 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

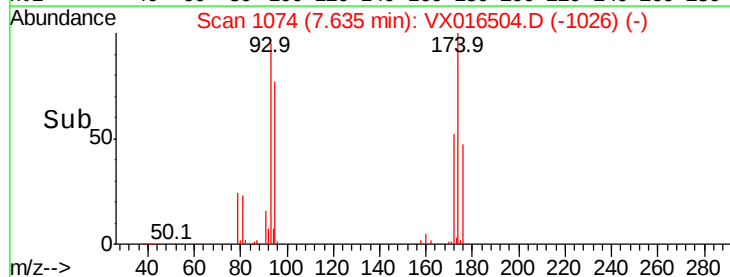
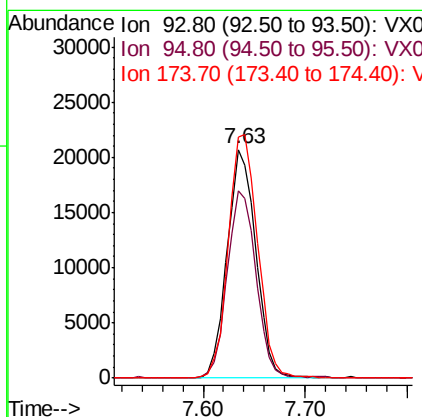
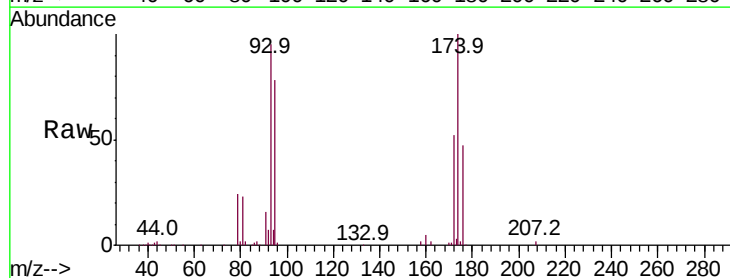
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

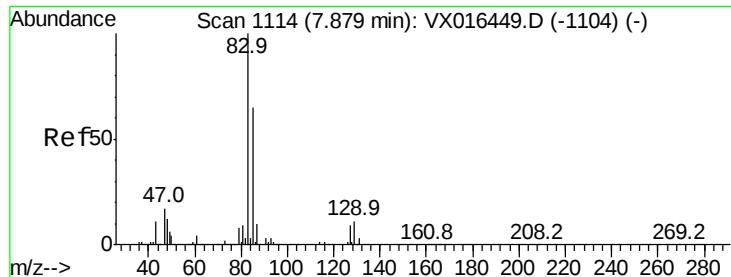
Tot Ion: 63 Resp: 60576
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.2 36.2



#46
 Dibromomethane
 Concen: 18.090 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 93 Resp: 40257
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.6 100.0
 174 108.9 86.2 129.4





#47

Bromodichloromethane

Concen: 17.961 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

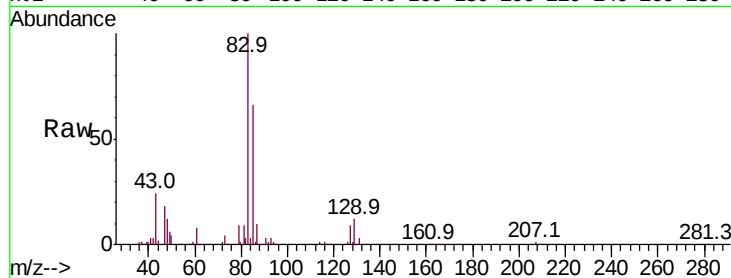
Tot Ion: 83 Resp: 82761

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0

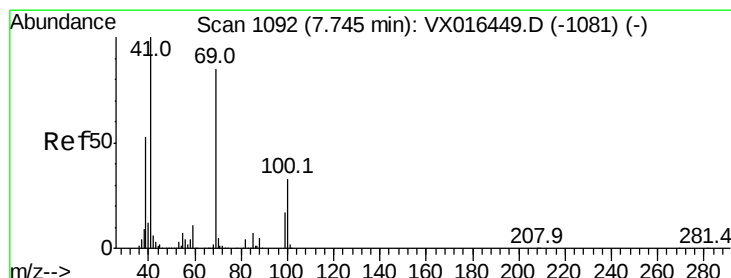
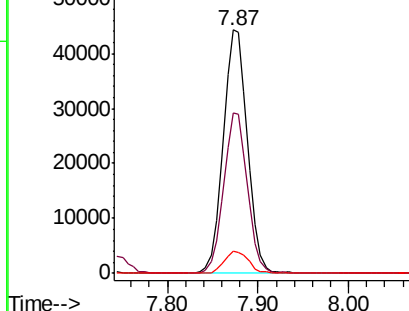
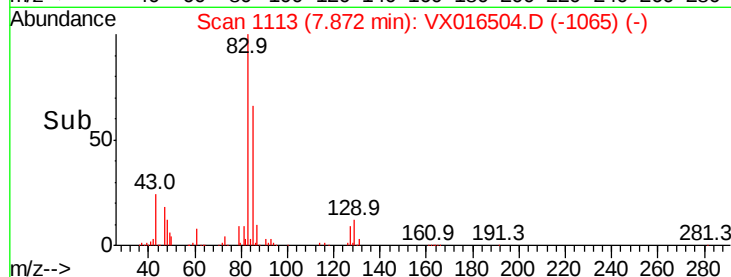
127 9.1 7.4 11.0



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: 17.643 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

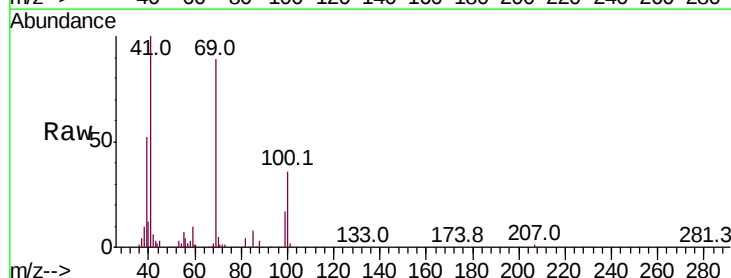
Tgt Ion: 41 Resp: 69136

Ion Ratio Lower Upper

41 100

69 88.5 68.6 102.8

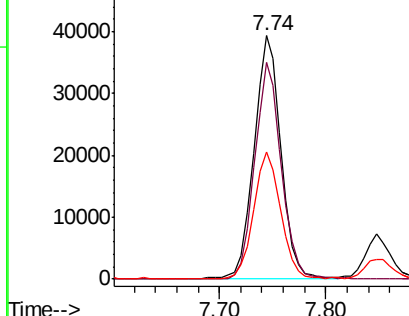
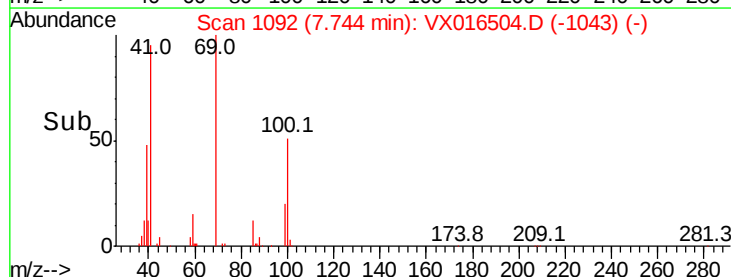
39 52.4 42.4 63.6

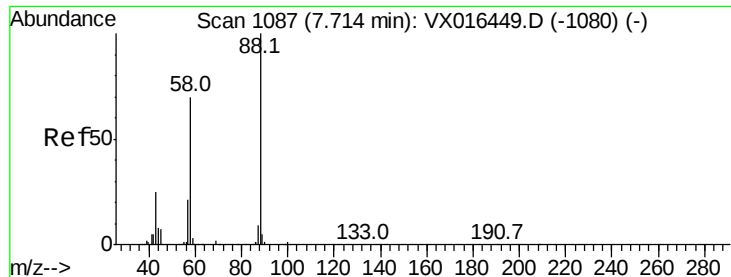


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 339.460 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

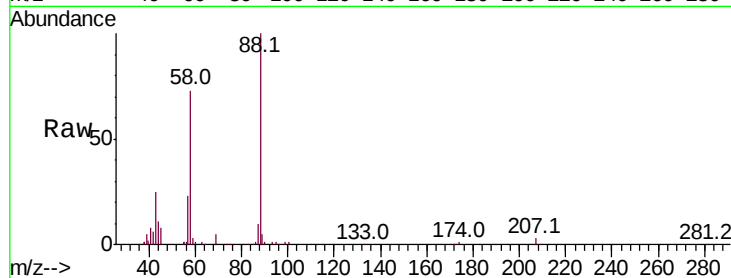
Tot Ion: 88 Resp: 31131

Ion Ratio Lower Upper

88 100

43 29.8 24.2 36.4

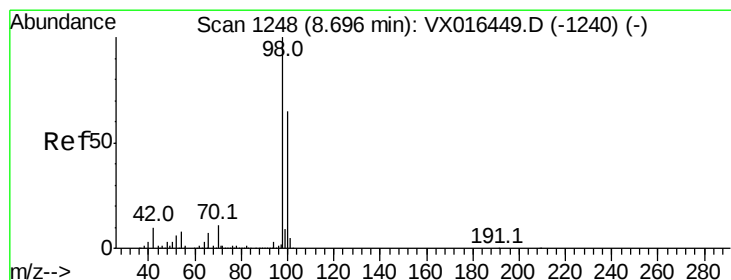
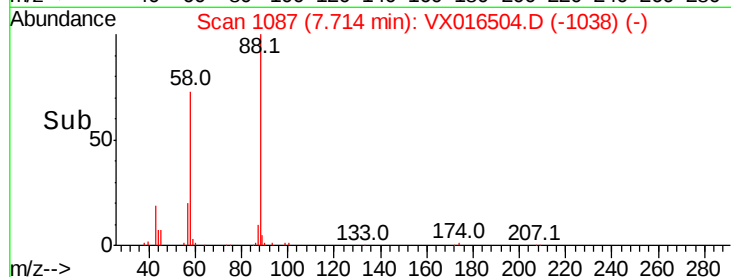
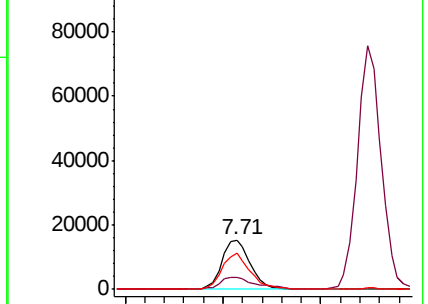
58 72.1 56.5 84.7



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: 48.340 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016504.D

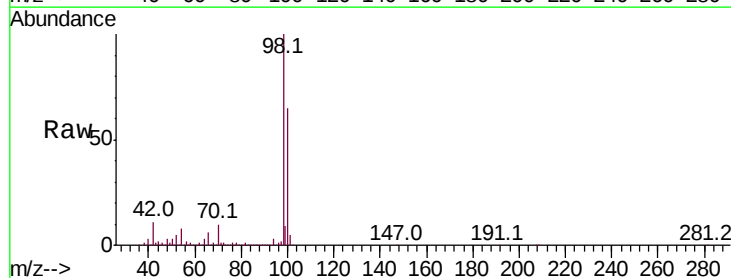
Acq: 29 May 2020 12:38

Tgt Ion: 98 Resp: 534765

Ion Ratio Lower Upper

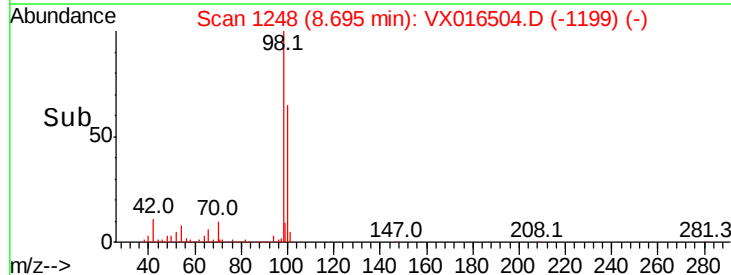
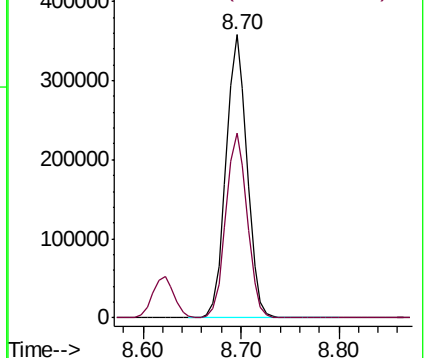
98 100

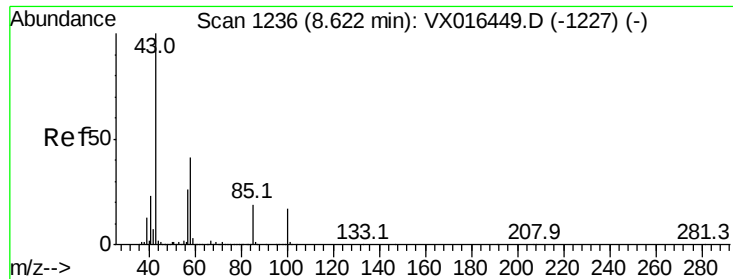
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

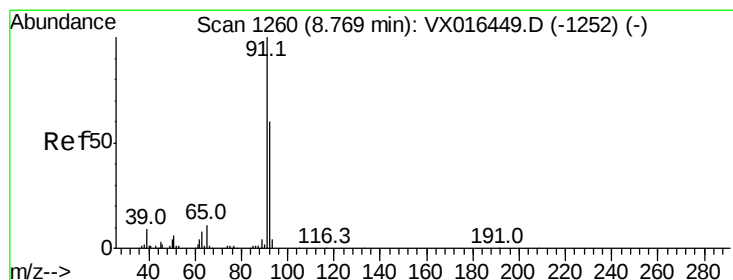
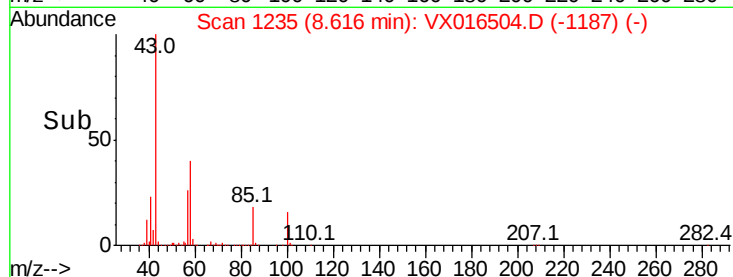
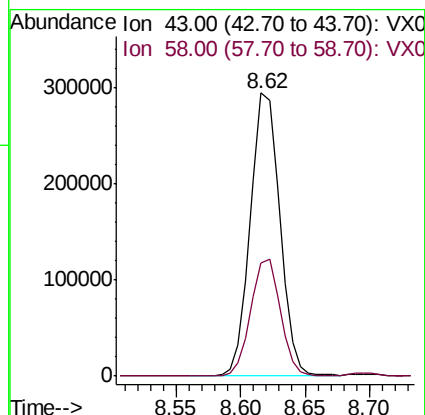
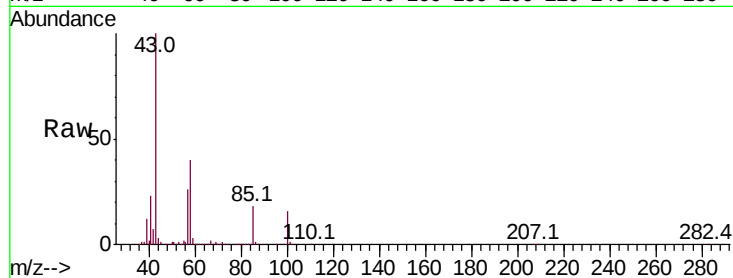




#51
 4-Methyl-2-Pentanone
 Concen: 91.458 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

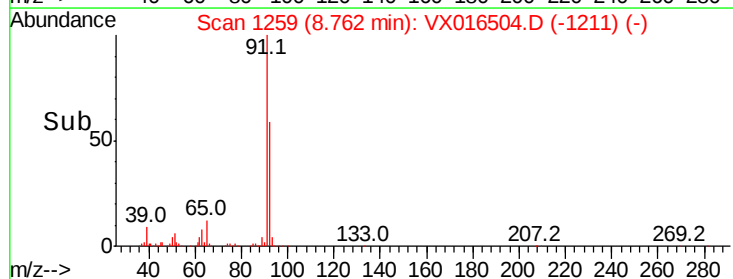
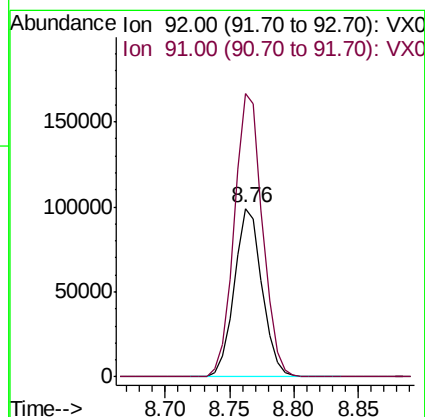
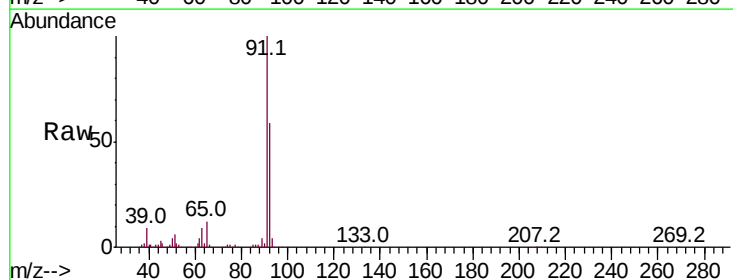
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0529WBSD01

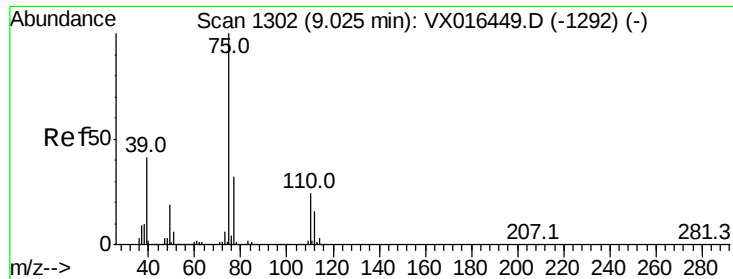
Tot Ion: 43 Resp: 466081
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.0 49.6



#52
 Toluene
 Concen: 18.170 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion: 92 Resp: 149119
 Ion Ratio Lower Upper
 92 100
 91 170.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 18.319 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

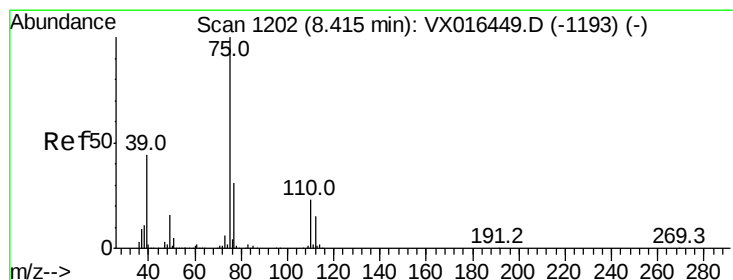
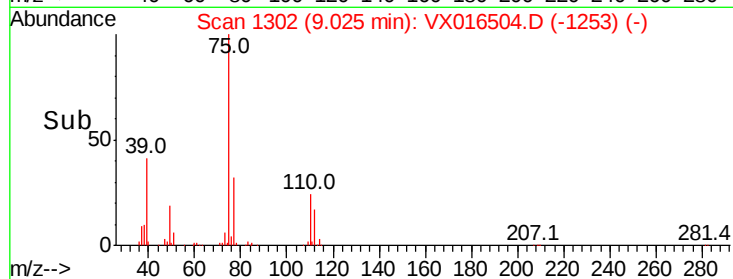
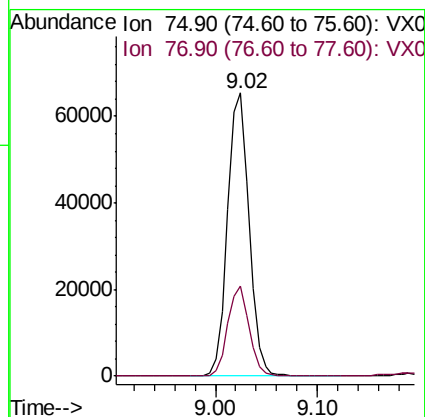
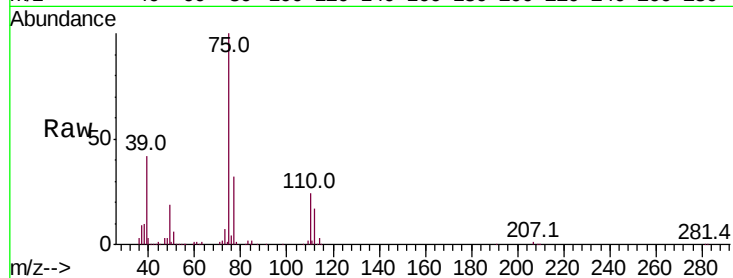
VX0529WBSD01

Tot Ion: 75 Resp: 95988

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.476 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

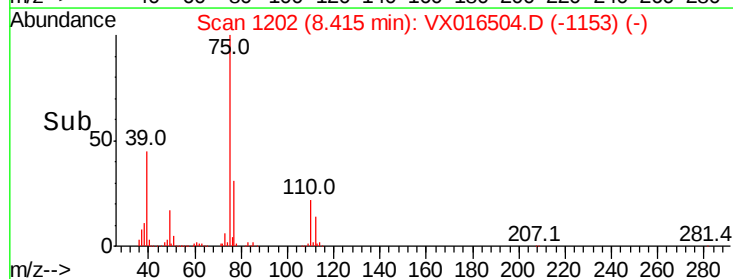
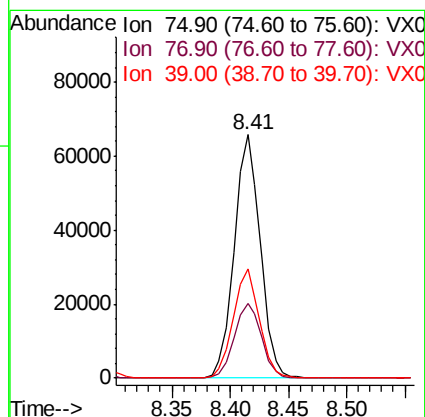
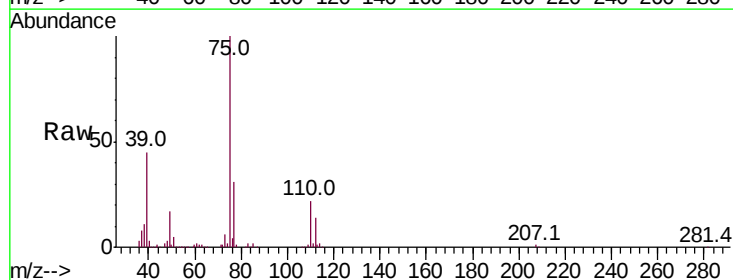
Tgt Ion: 75 Resp: 102469

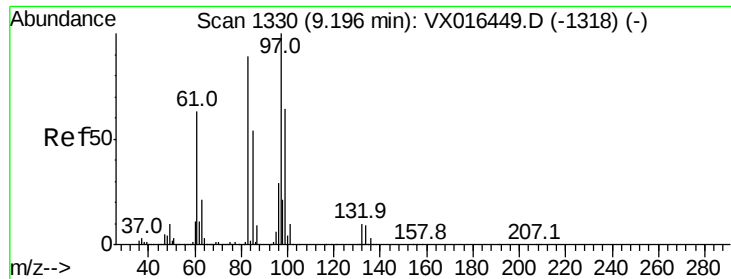
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 45.0 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 18.469 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

Tot Ion: 97 Resp: 60268

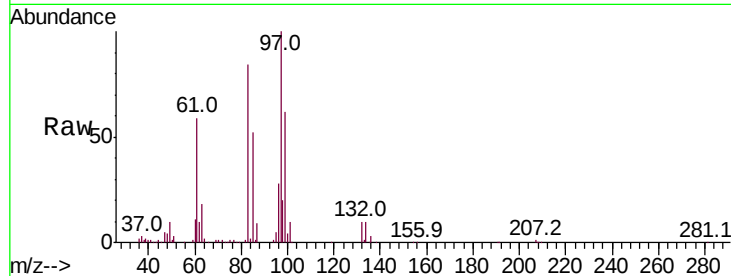
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.9	106.3
85	52.1	43.4	65.2
99	61.9	51.0	76.6

97 100

83 84.4 70.9 106.3

85 52.1 43.4 65.2

99 61.9 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

60000

50000

40000

30000

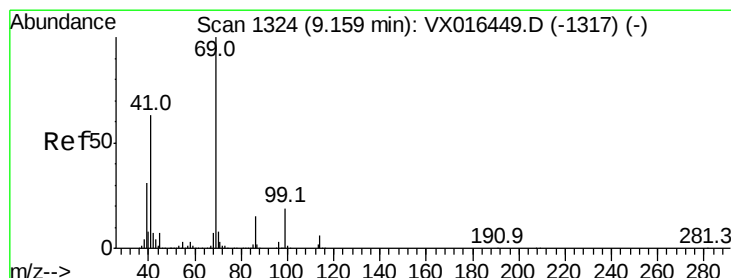
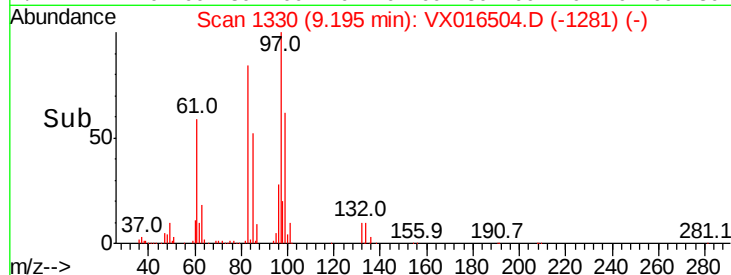
20000

10000

0

9.10 9.15 9.20 9.25 9.30

Time-->



#56

Ethyl methacrylate

Concen: 18.218 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

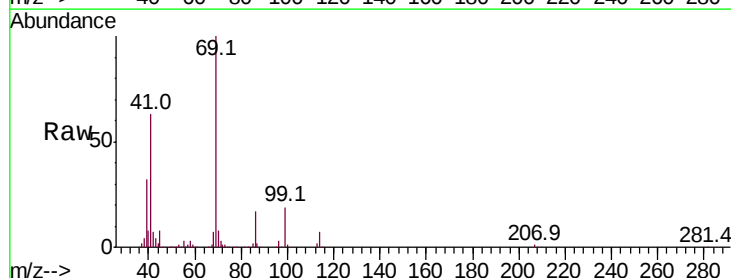
Tgt Ion: 69 Resp: 96818

Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.7	76.1
39	31.9	25.8	38.6

69 100

41 63.6 50.7 76.1

39 31.9 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

80000

60000

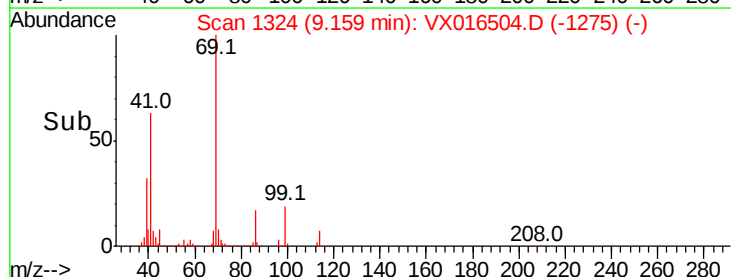
40000

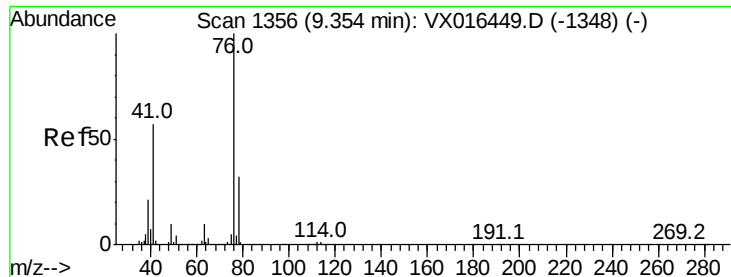
20000

0

9.10 9.15 9.20 9.30

Time-->





#57

1,3-Dichloropropane

Concen: 18.603 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

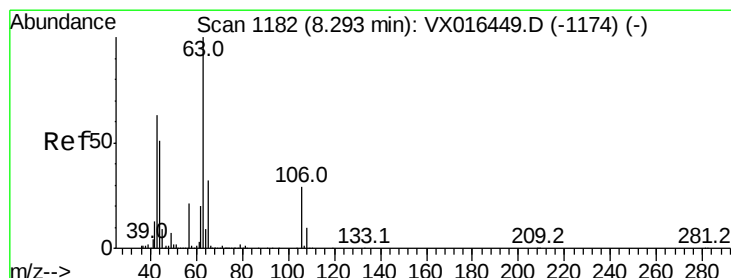
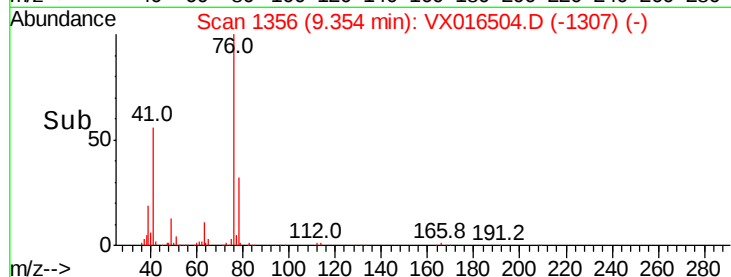
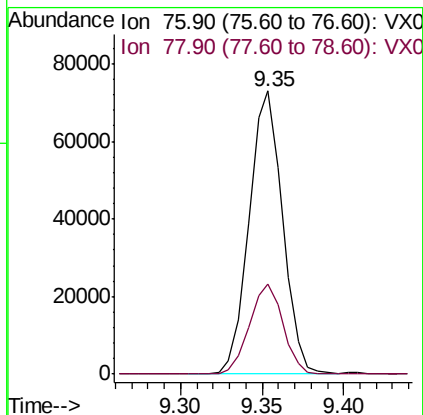
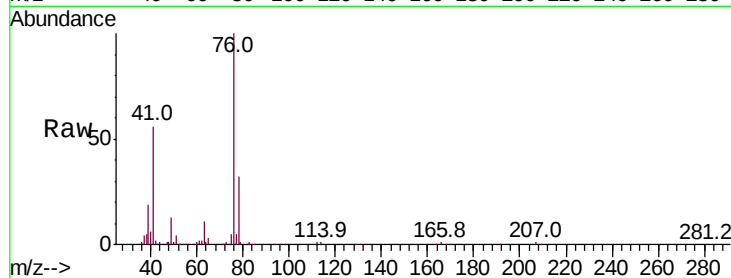
VX0529WBSD01

Tot Ion: 76 Resp: 104193

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 92.018 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016504.D

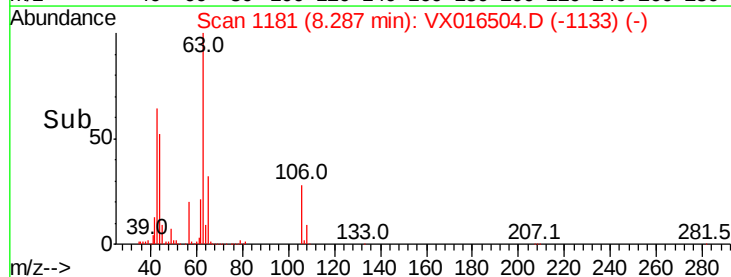
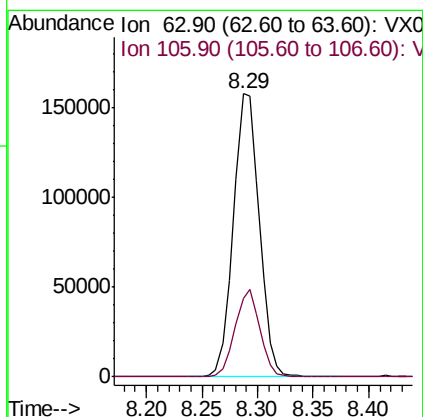
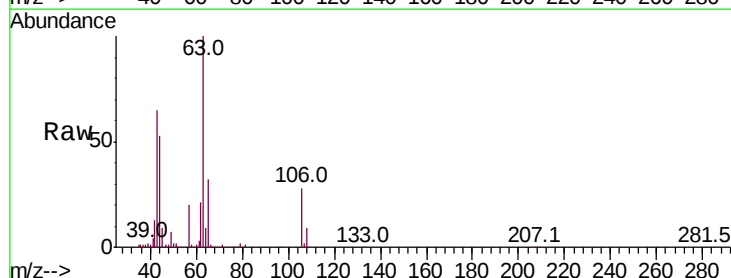
Acq: 29 May 2020 12:38

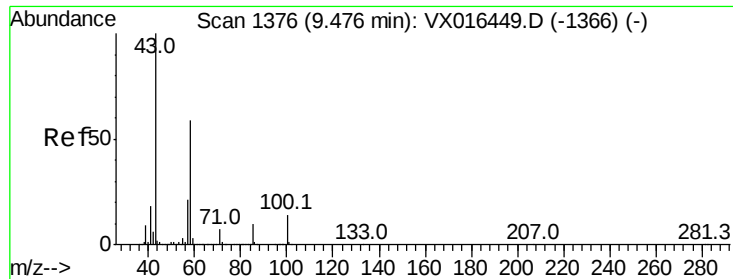
Tgt Ion: 63 Resp: 255250

Ion Ratio Lower Upper

63 100

106 29.5 23.2 34.8

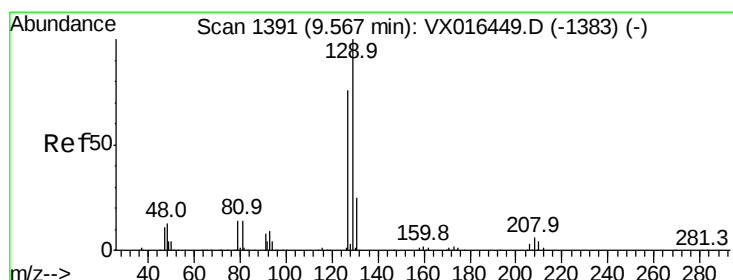
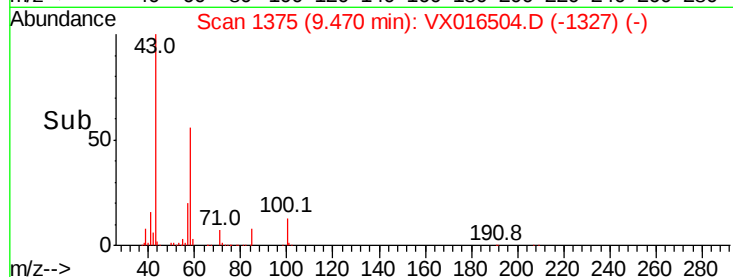
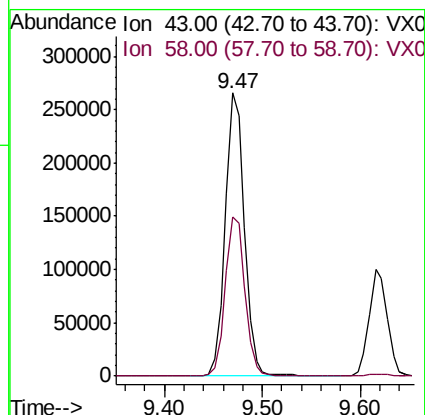
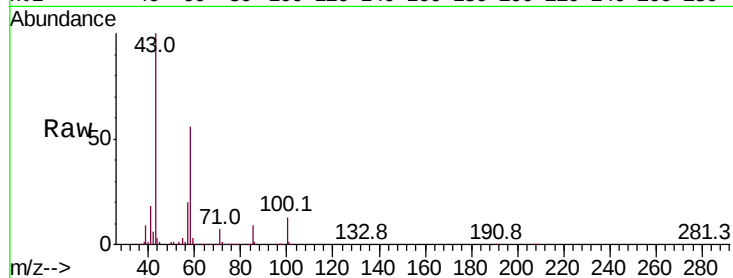




#59
2-Hexanone
Concen: 91.040 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

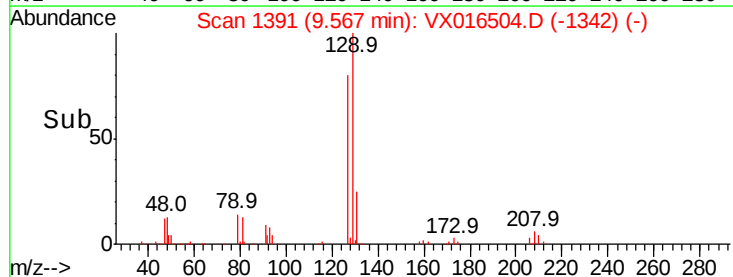
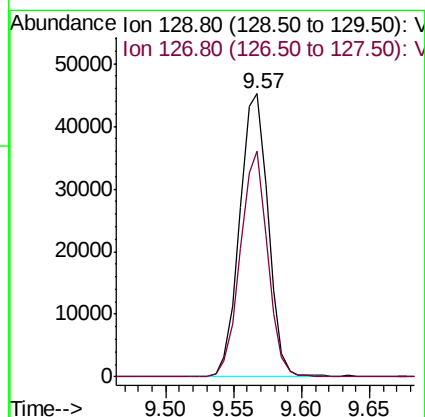
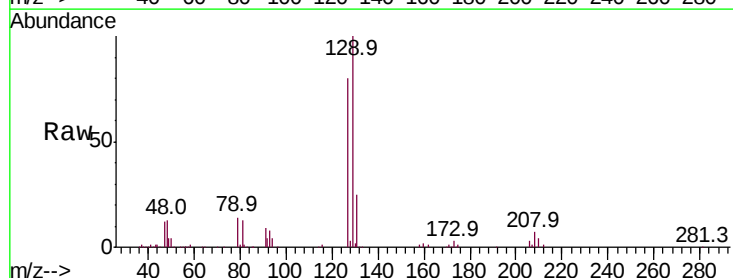
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

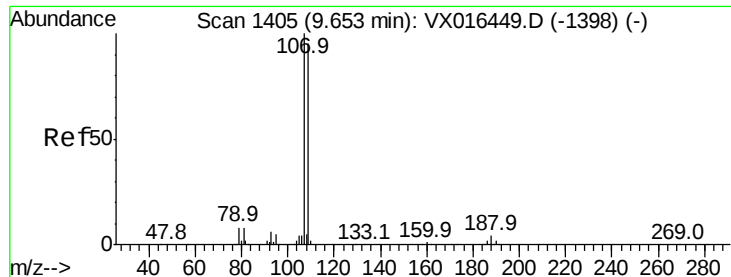
Tot Ion: 43 Resp: 360793
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.4



#60
Dibromochloromethane
Concen: 18.021 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion: 129 Resp: 66177
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.400 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

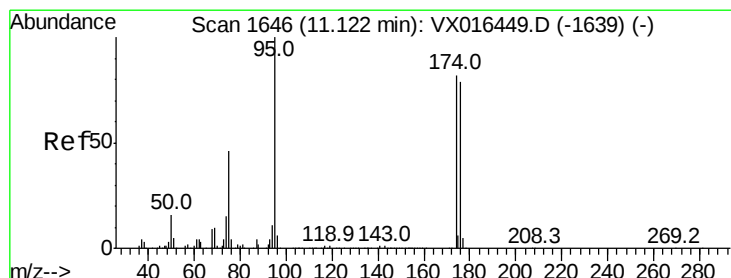
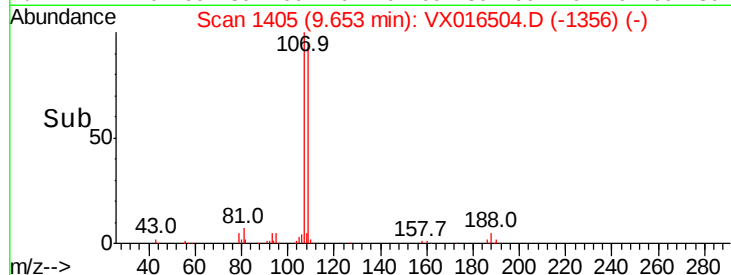
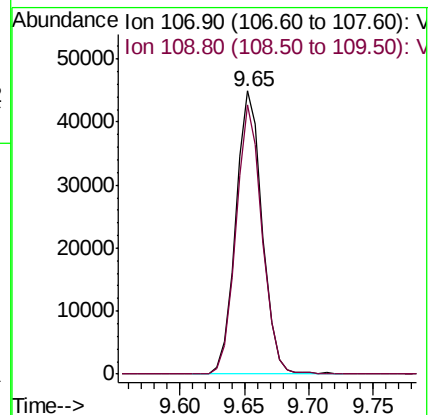
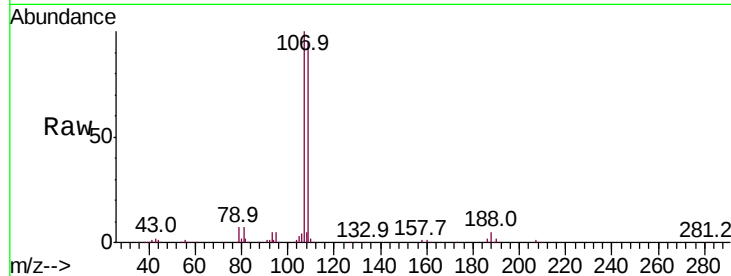
VX0529WBSD01

Tot Ion:107 Resp: 64296

Ion Ratio Lower Upper

107 100

109 94.1 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 45.958 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

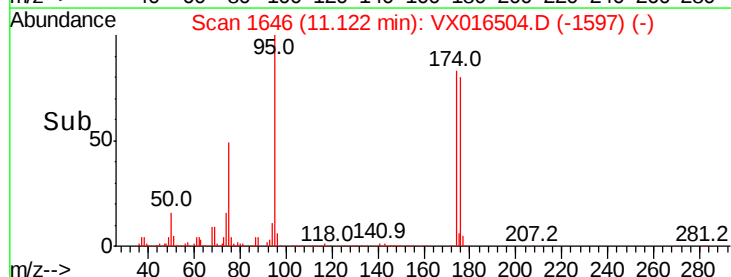
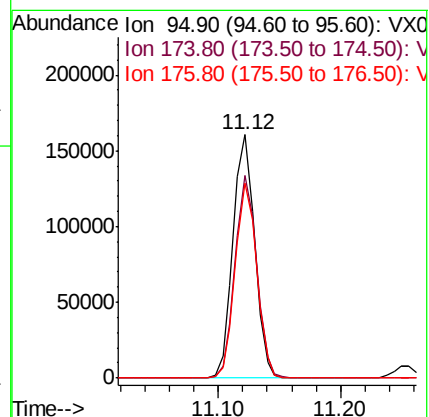
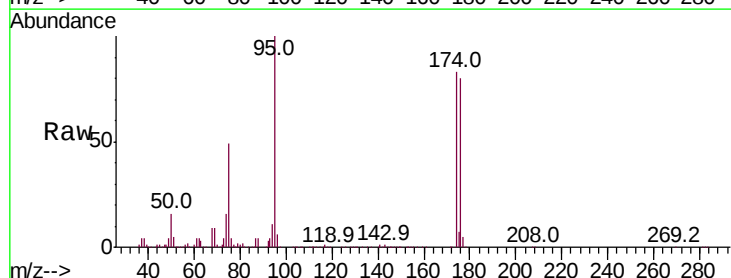
Tgt Ion: 95 Resp: 196451

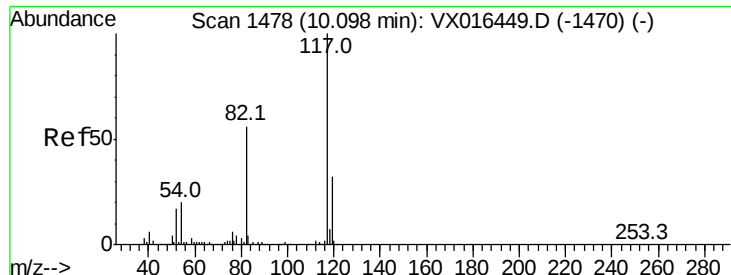
Ion Ratio Lower Upper

95 100

174 82.8 0.0 163.0

176 79.5 0.0 156.8

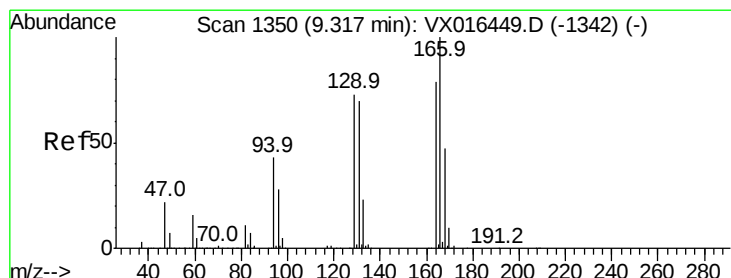
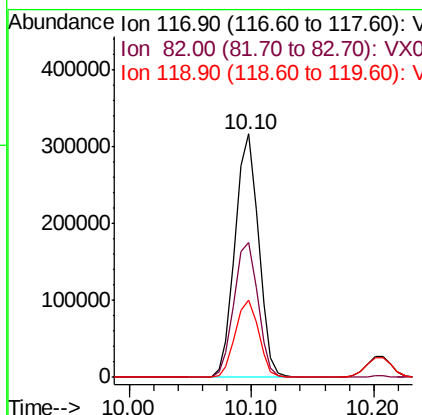
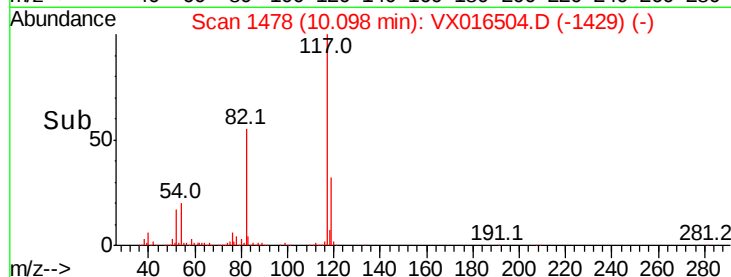
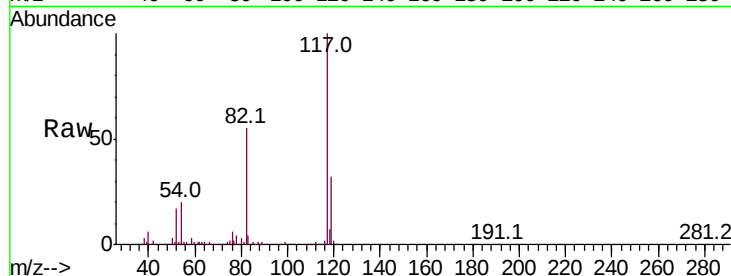




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

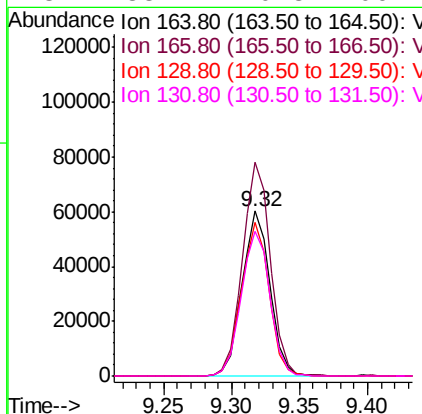
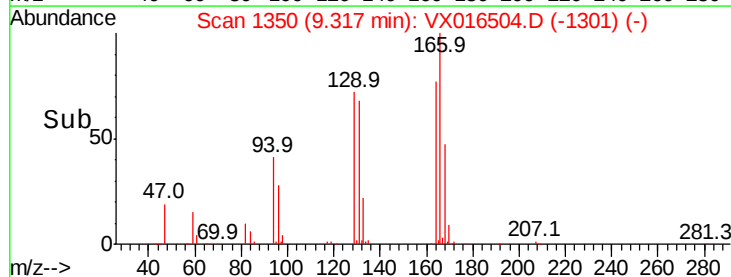
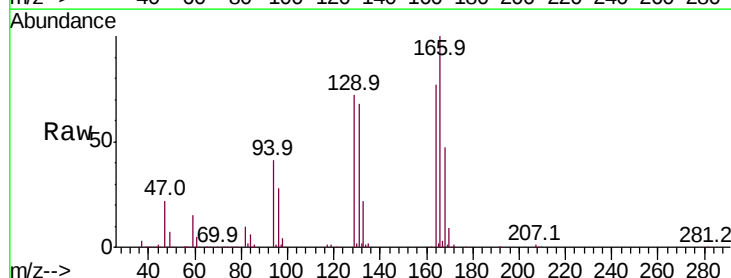
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

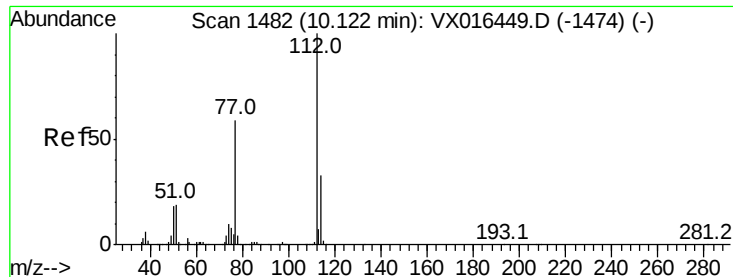
Tot Ion:117 Resp: 421080
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 18.288 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion:164 Resp: 86153
Ion Ratio Lower Upper
164 100
166 129.8 100.9 151.3
129 93.2 73.2 109.8
131 88.2 70.8 106.2





#65

Chlorobenzene

Concen: 18.276 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

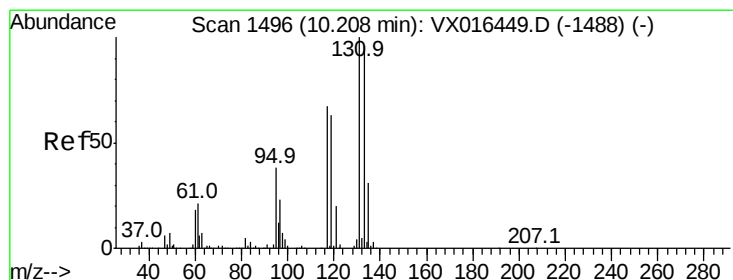
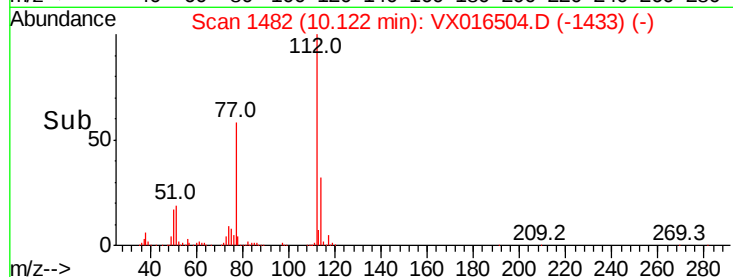
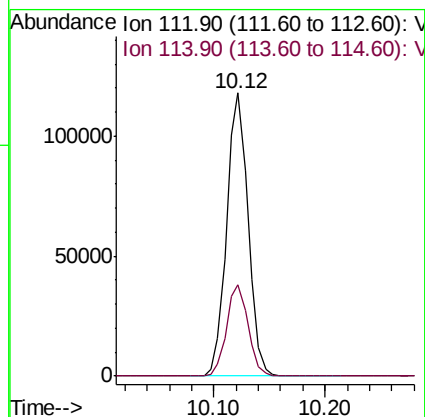
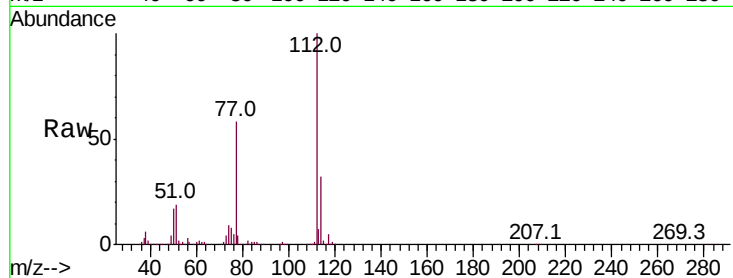
VX0529WBSD01

Tot Ion:112 Resp: 156892

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 18.431 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

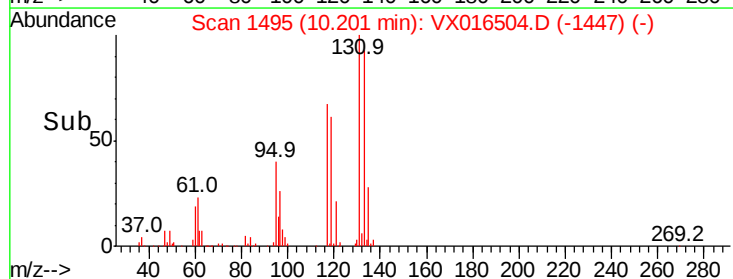
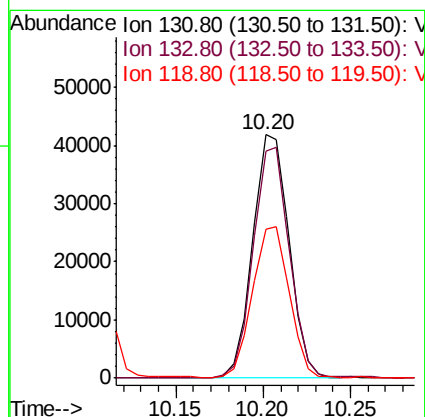
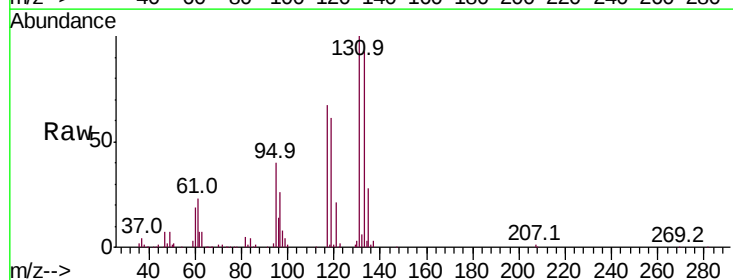
Tgt Ion:131 Resp: 60397

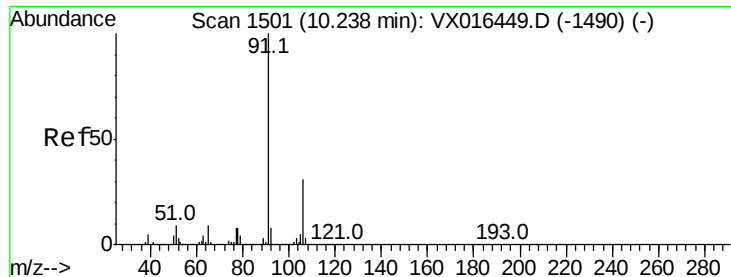
Ion Ratio Lower Upper

131 100

133 94.5 48.4 145.3

119 63.6 32.0 96.2





#67

Ethyl Benzene

Concen: 18.134 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

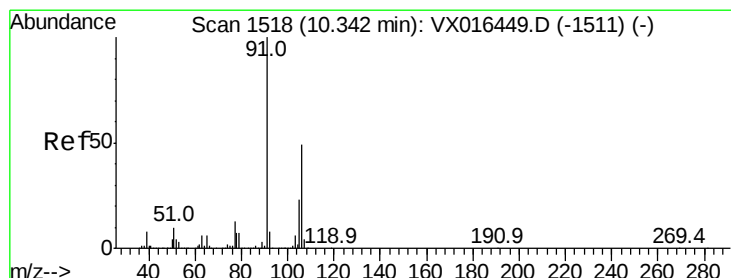
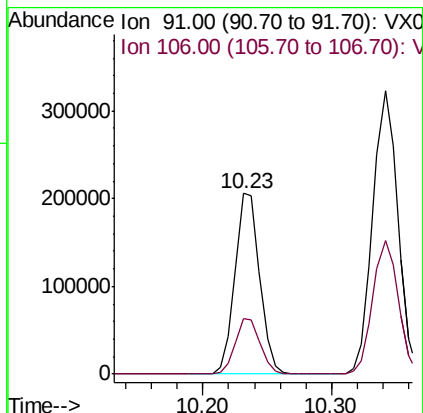
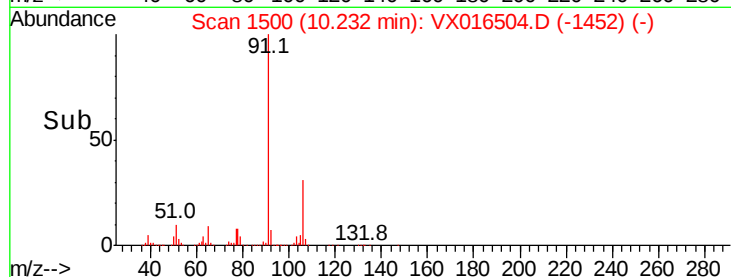
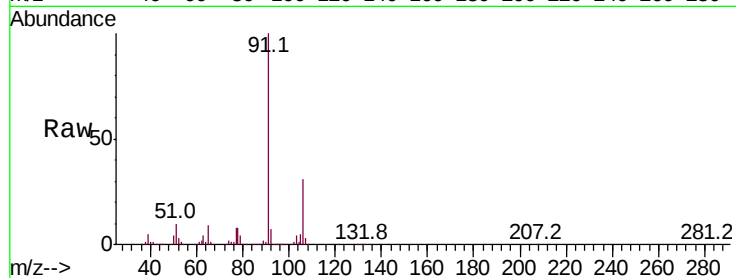
VX0529WBSD01

Tot Ion: 91 Resp: 277162

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 36.667 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016504.D

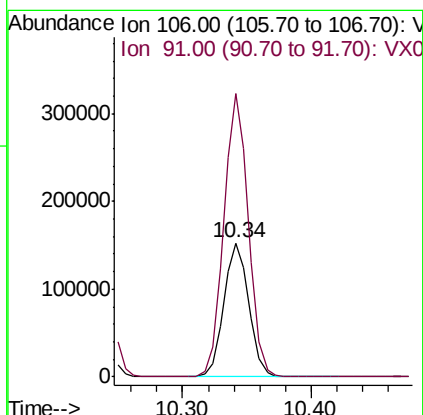
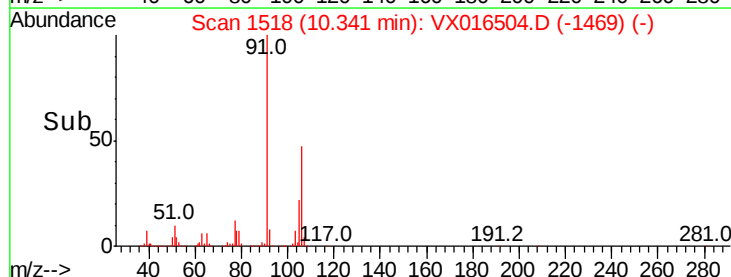
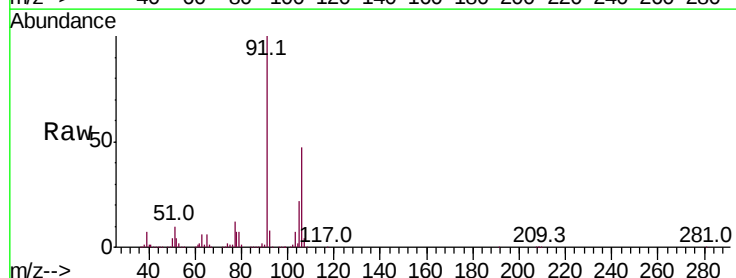
Acq: 29 May 2020 12:38

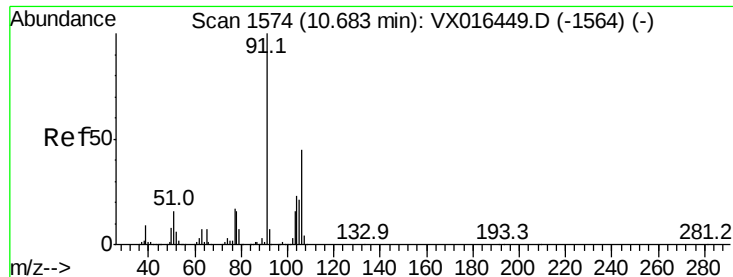
Tgt Ion: 106 Resp: 207793

Ion Ratio Lower Upper

106 100

91 207.9 163.8 245.8

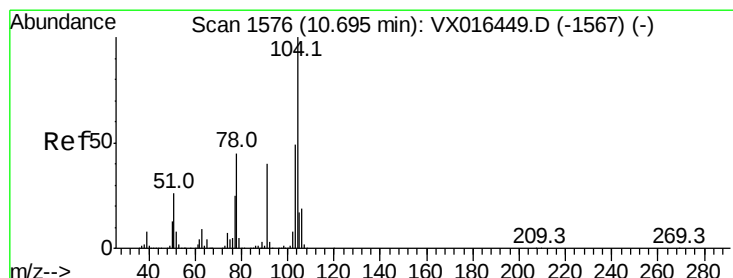
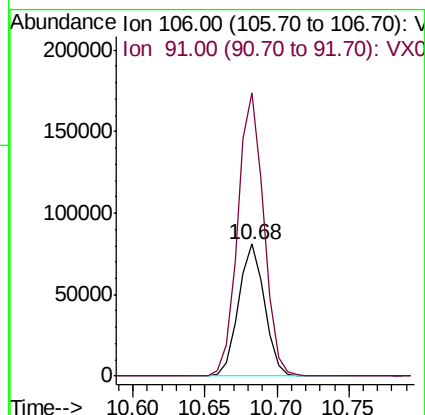
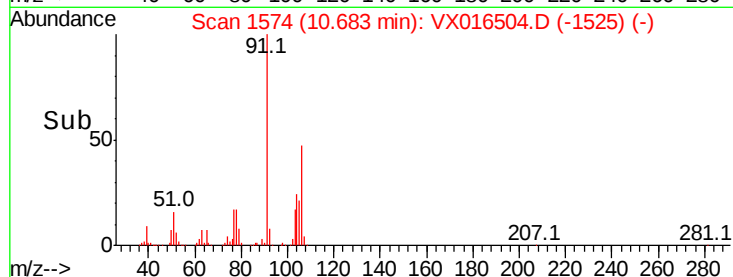
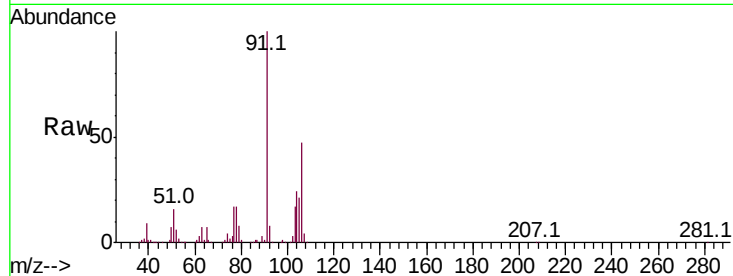




#69
o-Xylene
Concen: 18.654 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

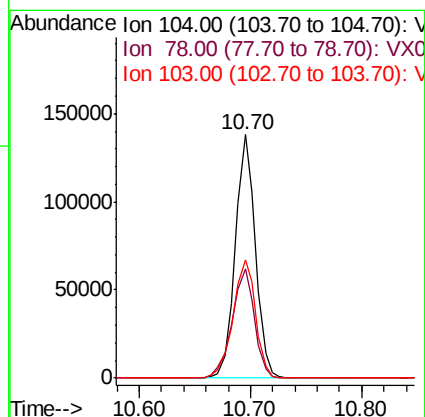
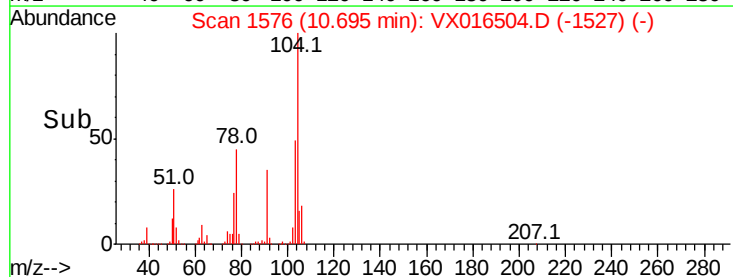
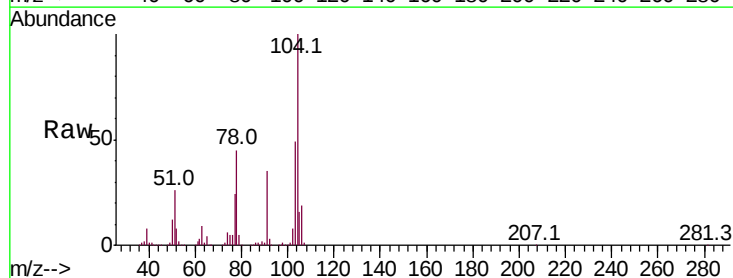
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

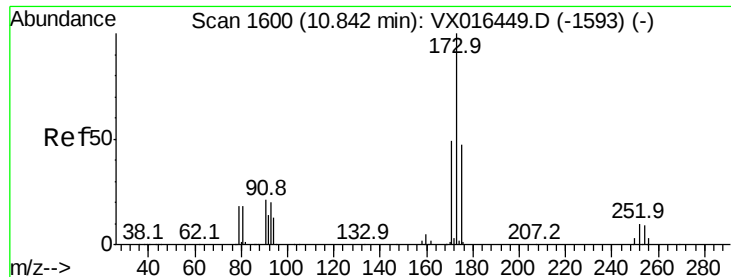
Tot Ion:106 Resp: 102379
Ion Ratio Lower Upper
106 100
91 213.7 109.6 328.8



#70
Styrene
Concen: 18.256 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion:104 Resp: 172215
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 54.6 43.1 64.7





#71

Bromoform

Concen: 18.087 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

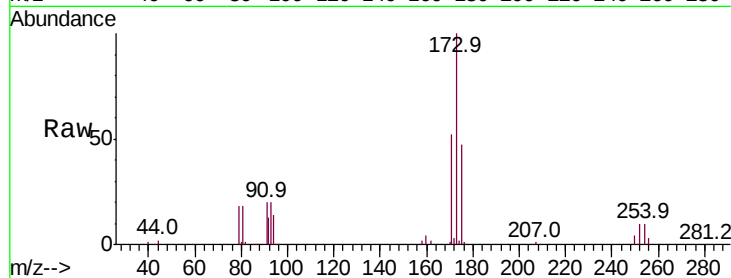
Tot Ion:173 Resp: 50092

Ion Ratio Lower Upper

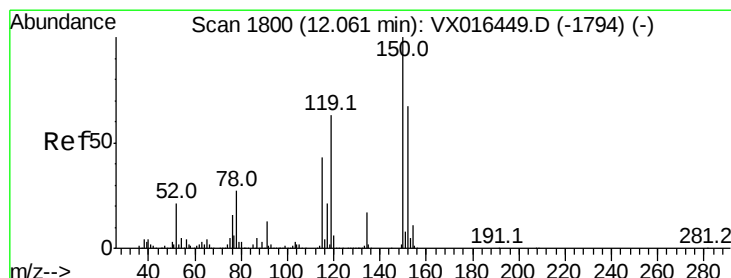
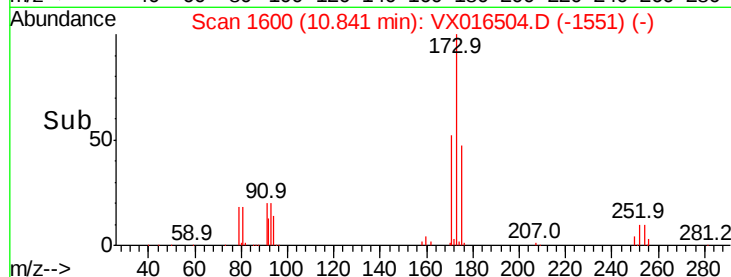
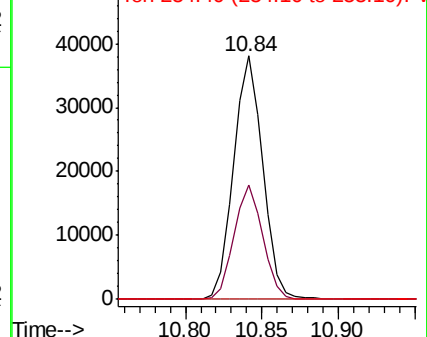
173 100

175 46.7 23.9 71.7

254 0.1 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: VX016504.D

Acq: 29 May 2020 12:38

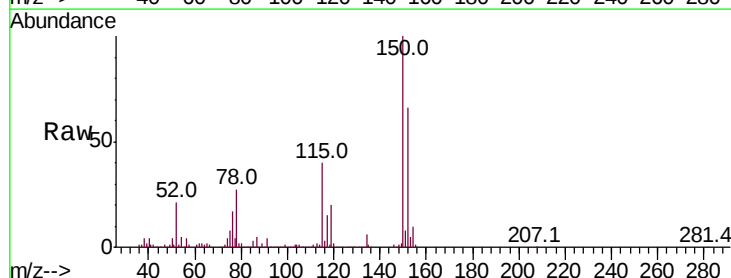
Tgt Ion:152 Resp: 207950

Ion Ratio Lower Upper

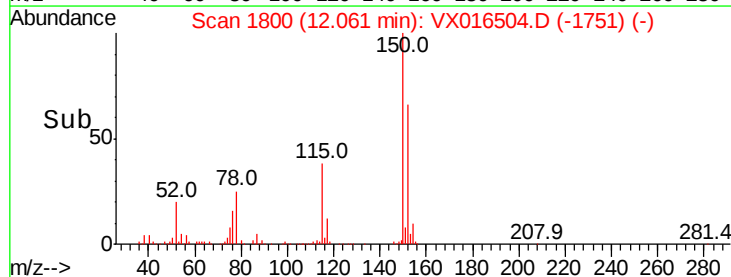
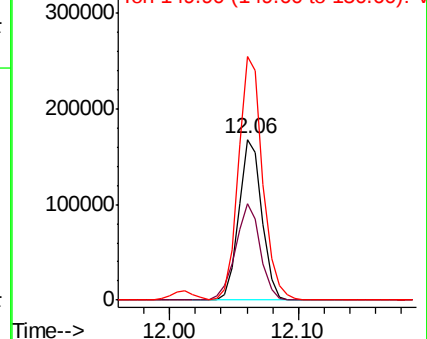
152 100

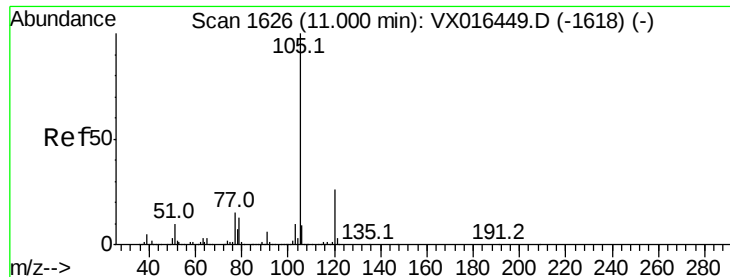
115 65.0 39.9 119.6

150 160.2 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: 18.617 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

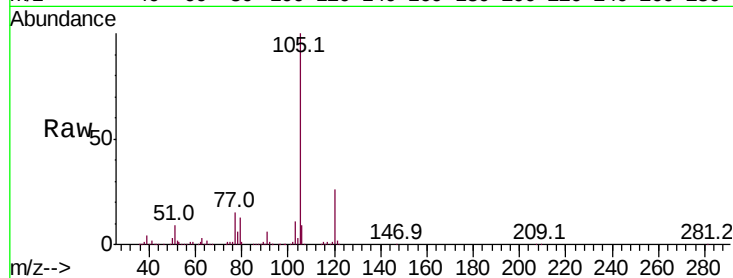
VX0529WBSD01

Tot Ion:105 Resp: 268242

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

250000

200000

150000

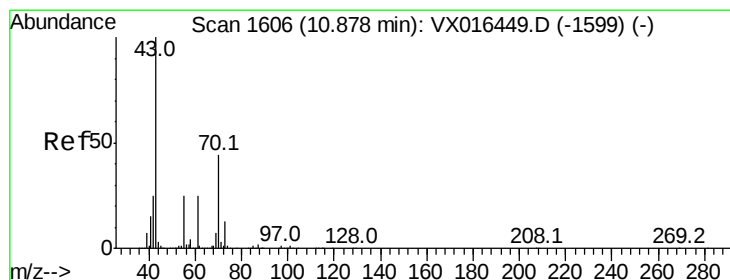
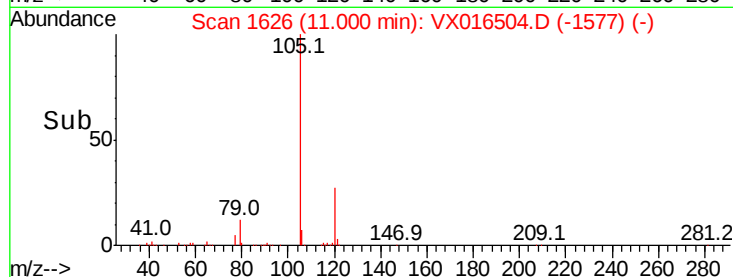
100000

50000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 18.402 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Tgt Ion: 43 Resp: 121961

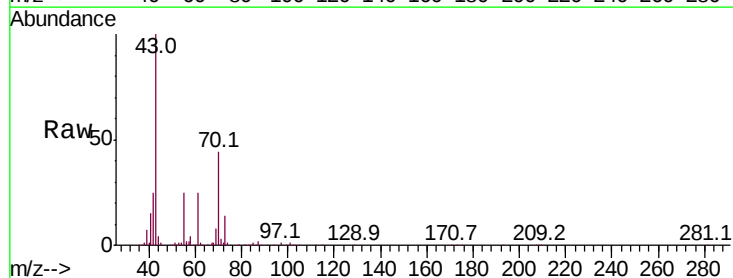
Ion Ratio Lower Upper

43 100

70 45.8 36.1 54.1

55 25.6 20.2 30.4

61 25.4 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

150000

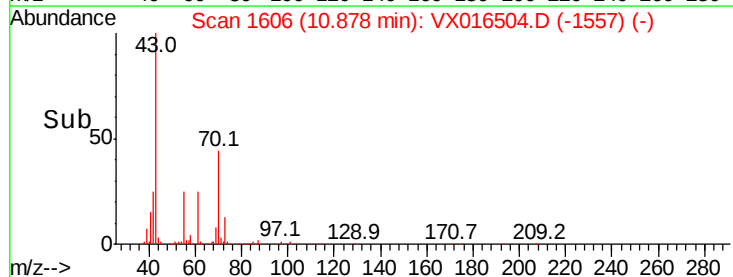
100000

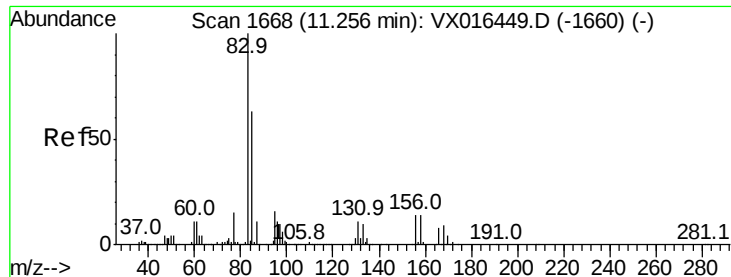
50000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.891 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

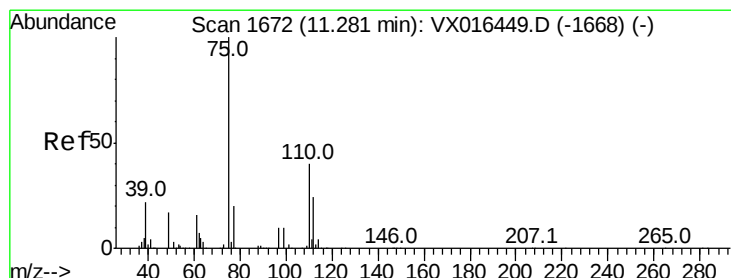
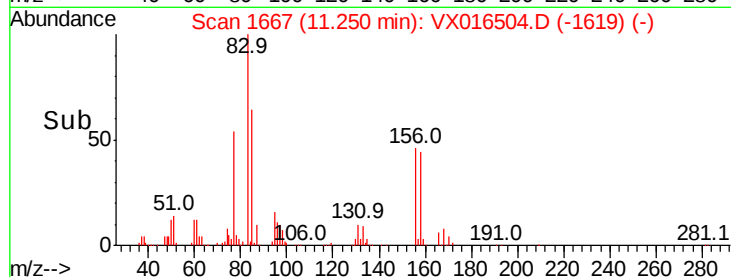
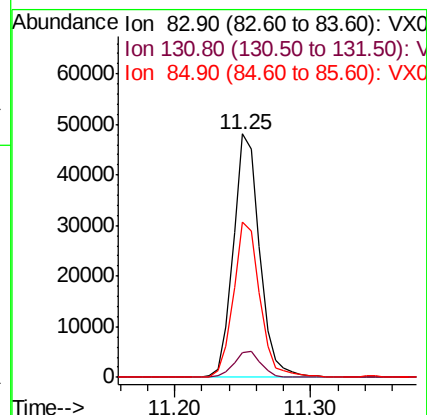
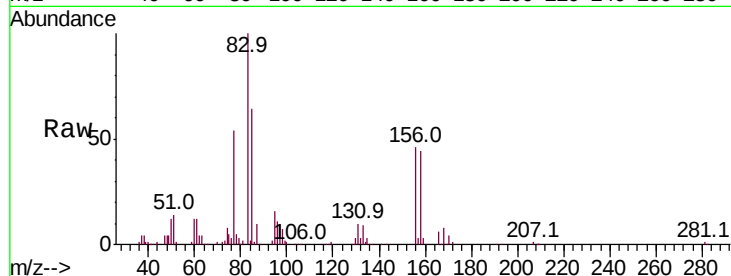
Tot Ion: 83 Resp: 64607

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 24.287 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016504.D

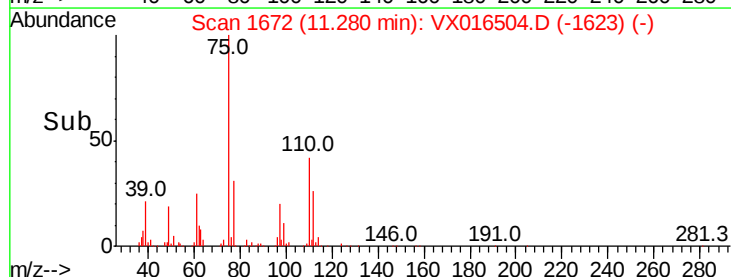
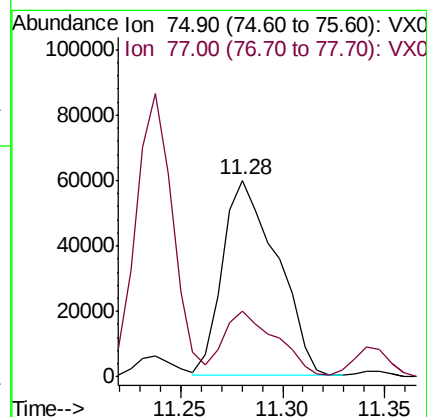
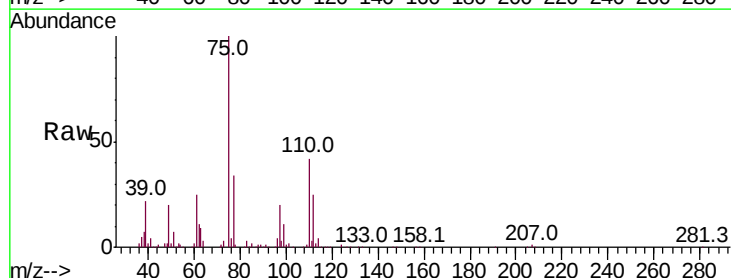
Acq: 29 May 2020 12:38

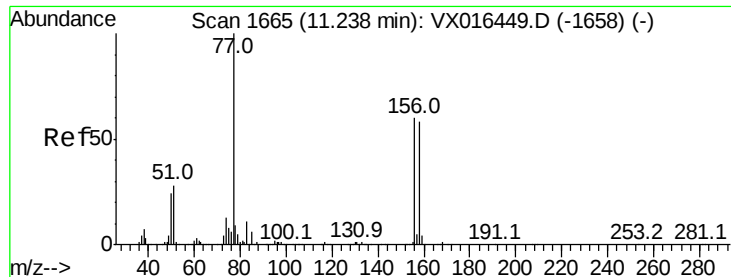
Tgt Ion: 75 Resp: 111014

Ion Ratio Lower Upper

75 100

77 32.7 21.3 63.7





#77

Bromobenzene

Concen: 18.370 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

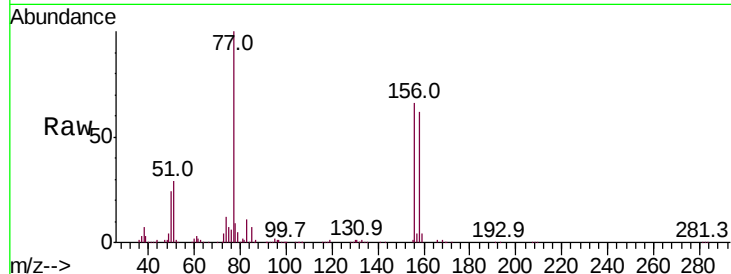
Tot Ion:156 Resp: 69422

Ion Ratio Lower Upper

156 100

77 157.3 79.6 238.8

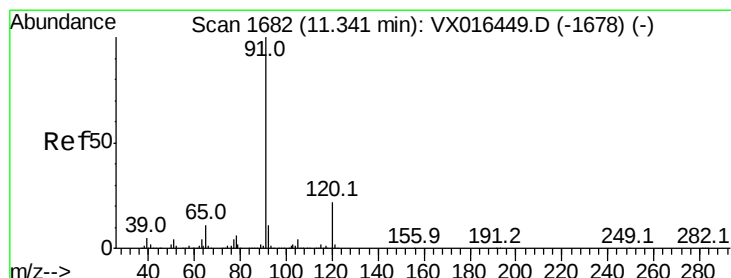
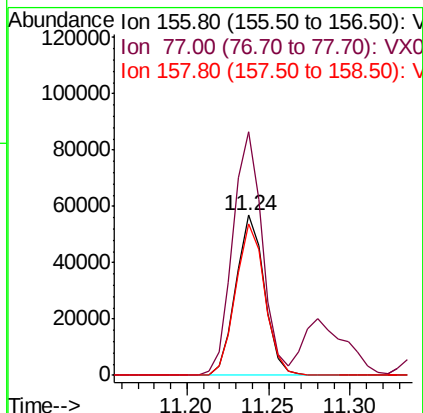
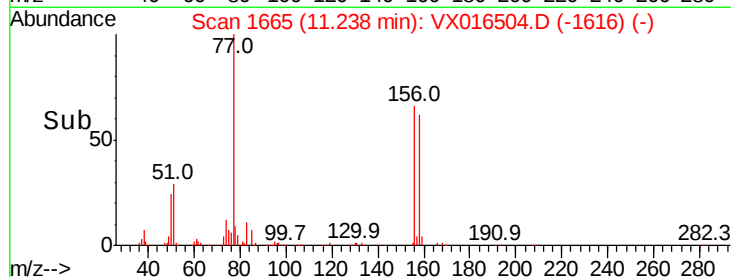
158 96.6 48.1 144.4



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



#78

n-propylbenzene

Concen: 18.547 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016504.D

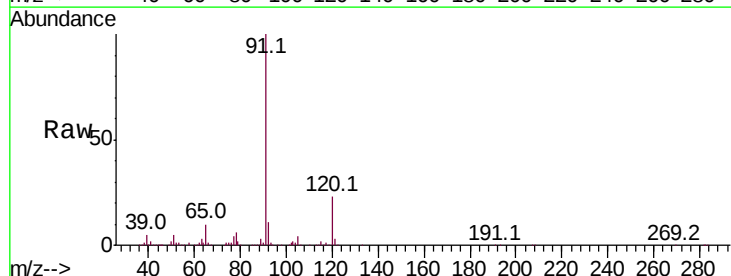
Acq: 29 May 2020 12:38

Tgt Ion: 91 Resp: 298558

Ion Ratio Lower Upper

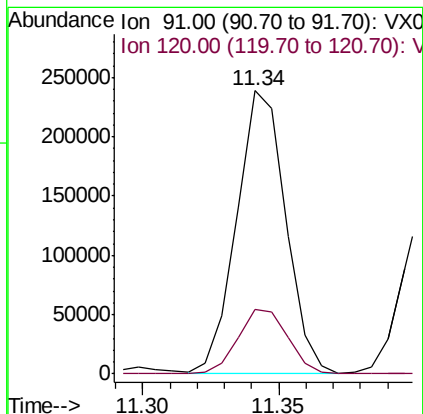
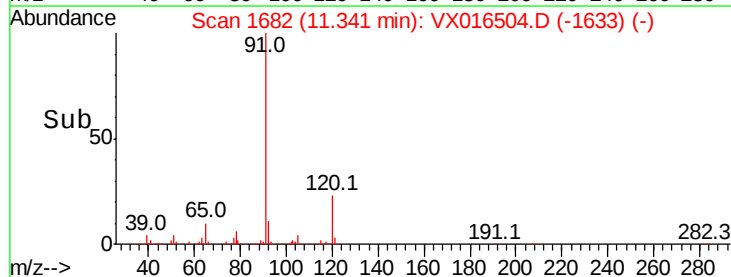
91 100

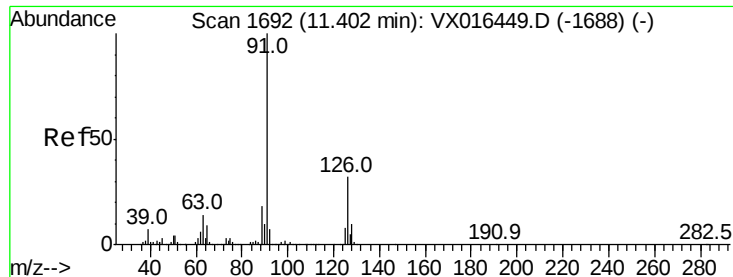
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

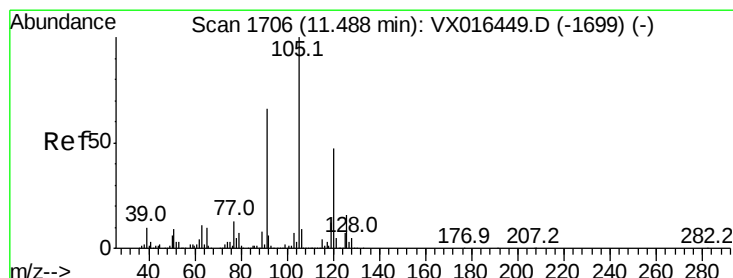
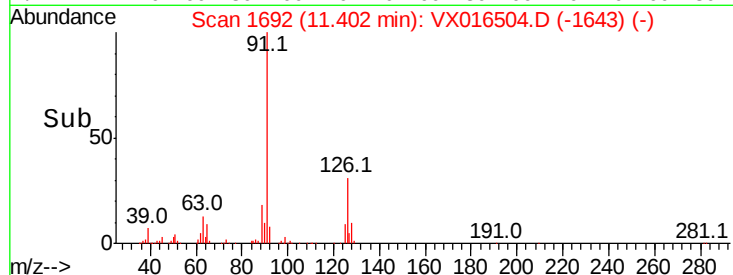
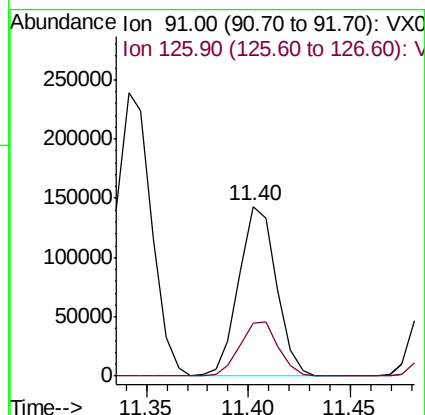
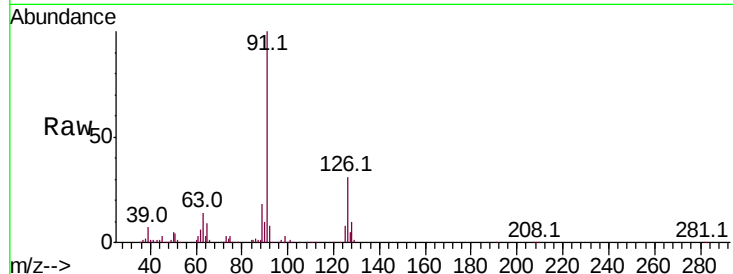




#79
 2-Chlorotoluene
 Concen: 18.748 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

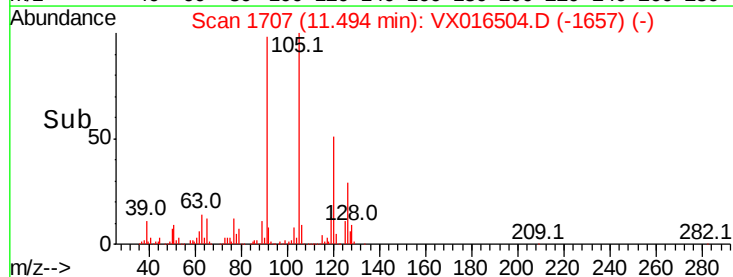
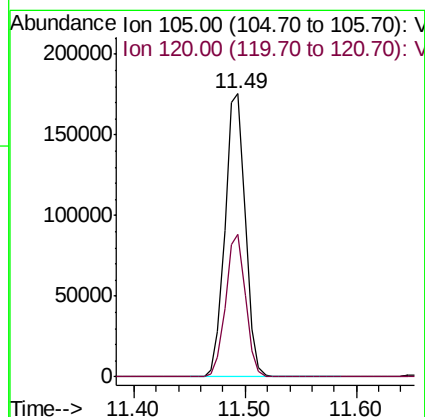
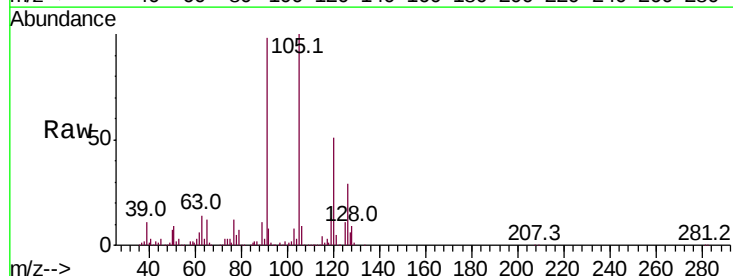
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0529WBSD01

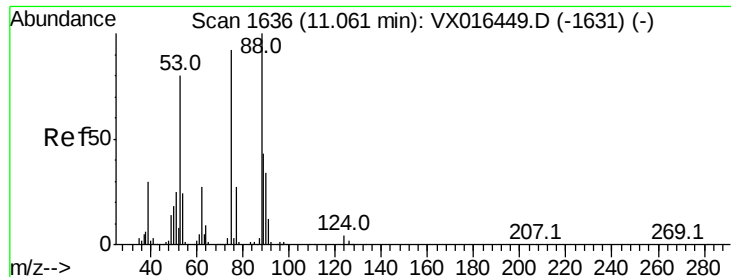
Tot Ion: 91 Resp: 184210
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.402 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion:105 Resp: 221390
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.476 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

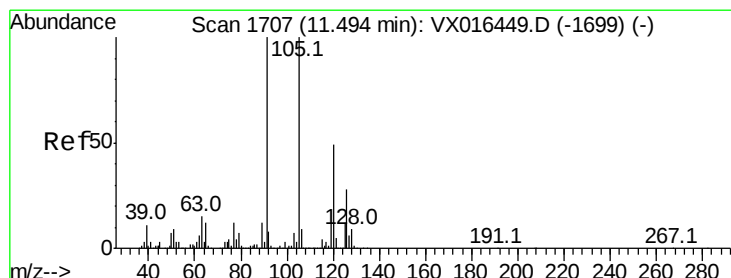
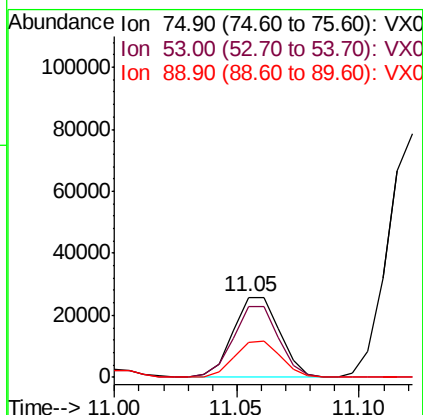
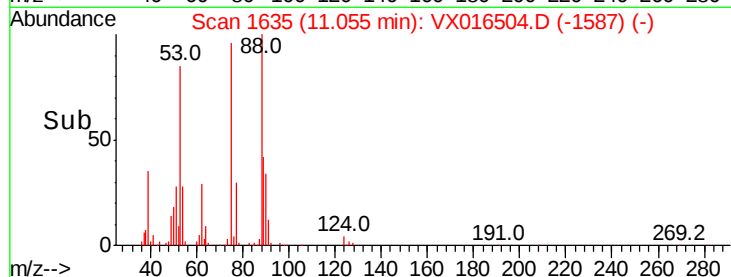
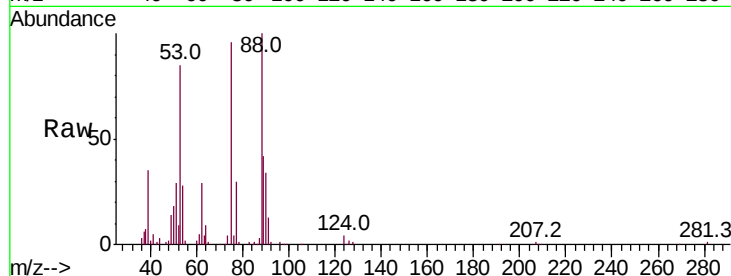
Tot Ion: 75 Resp: 34331

Ion Ratio Lower Upper

75 100

53 87.5 71.3 106.9

89 45.9 36.6 55.0



#82

4-Chlorotoluene

Concen: 18.387 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016504.D

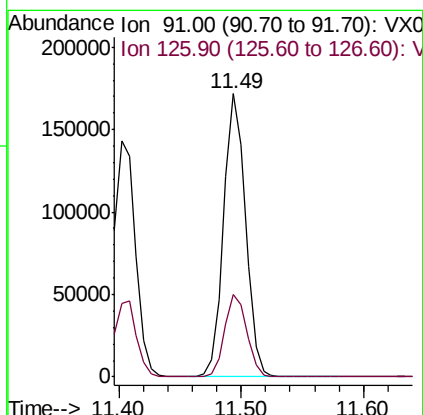
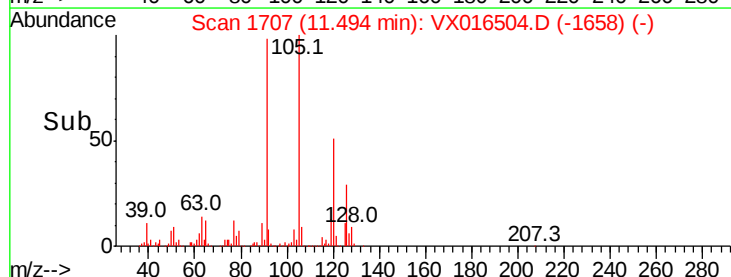
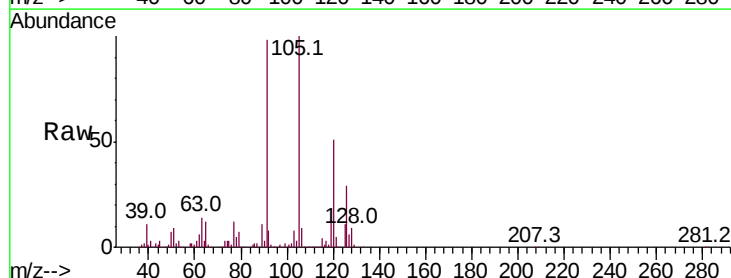
Acq: 29 May 2020 12:38

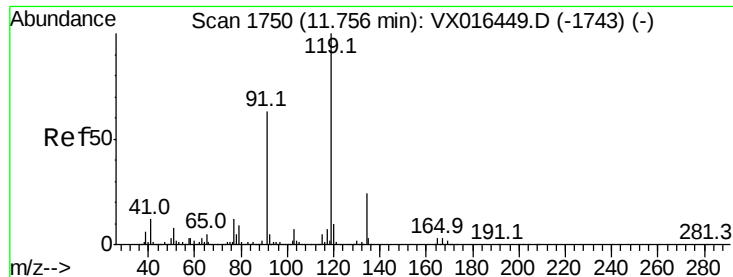
Tgt Ion: 91 Resp: 213349

Ion Ratio Lower Upper

91 100

126 29.4 14.7 44.1





#83

tert-Butylbenzene

Concen: 18.348 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

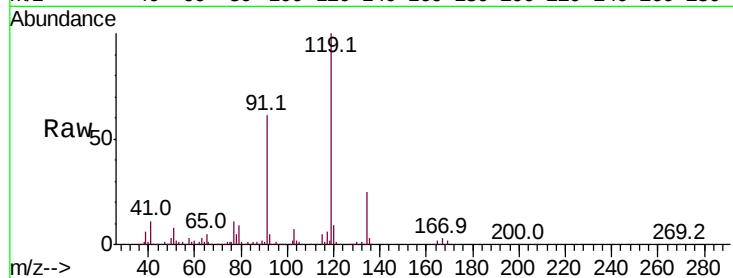
Tot Ion:119 Resp: 188612

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

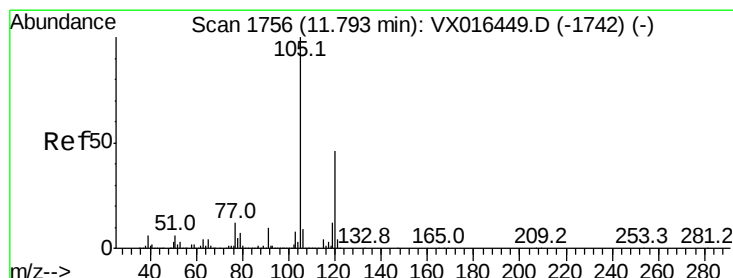
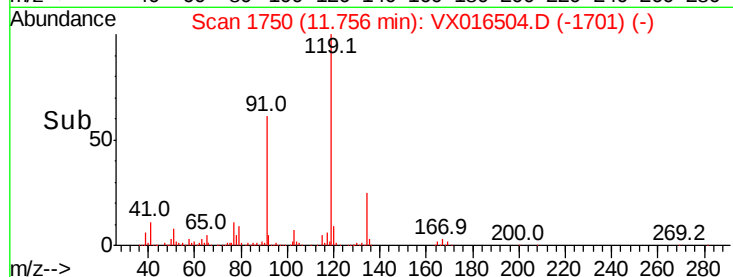
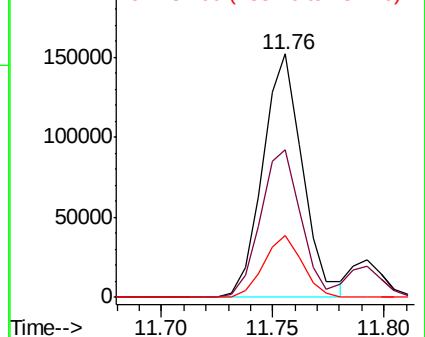
134 24.3 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.391 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016504.D

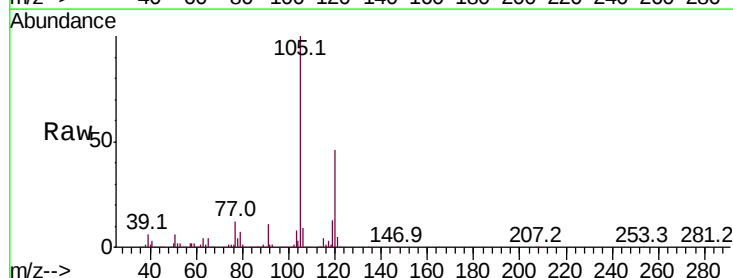
Acq: 29 May 2020 12:38

Tgt Ion:105 Resp: 223764

Ion Ratio Lower Upper

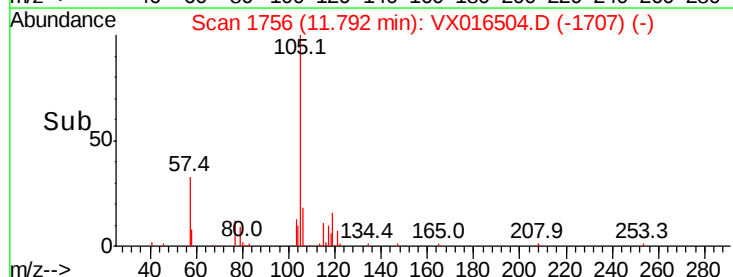
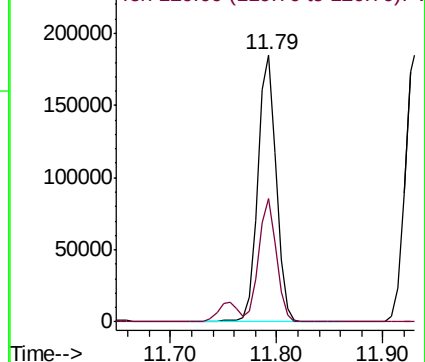
105 100

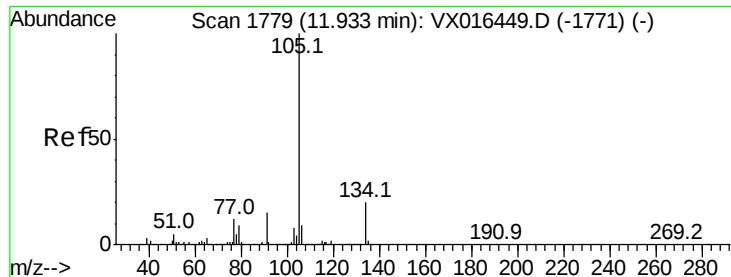
120 44.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

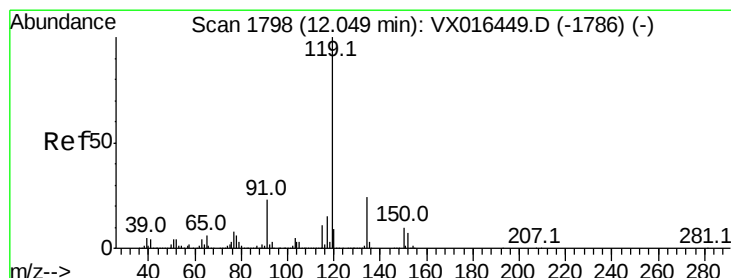
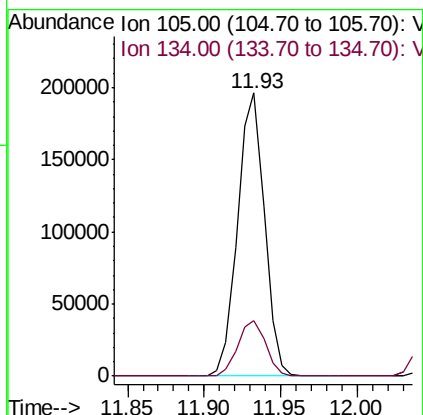
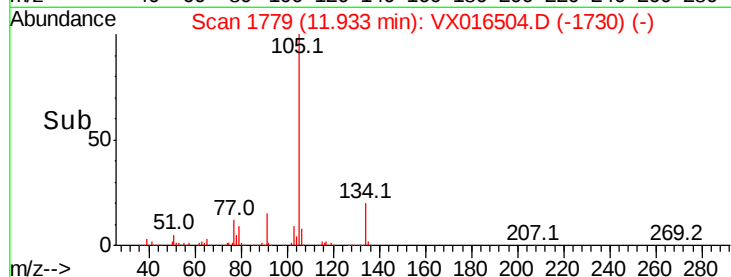
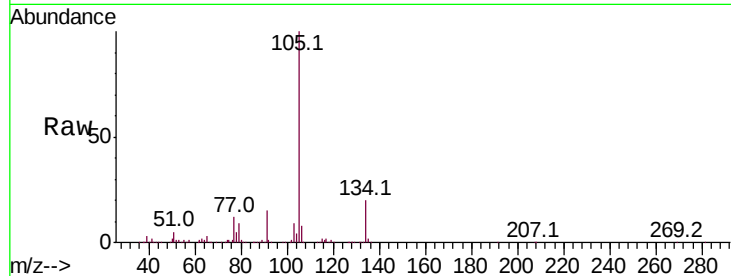




#85
 sec-Butylbenzene
 Concen: 18.485 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

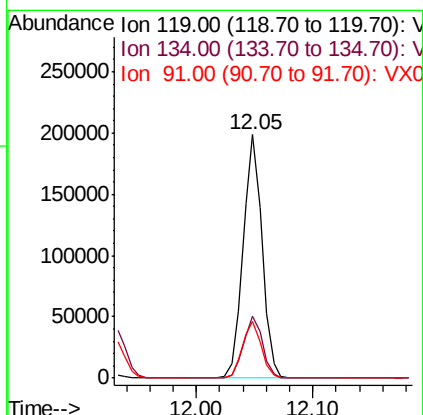
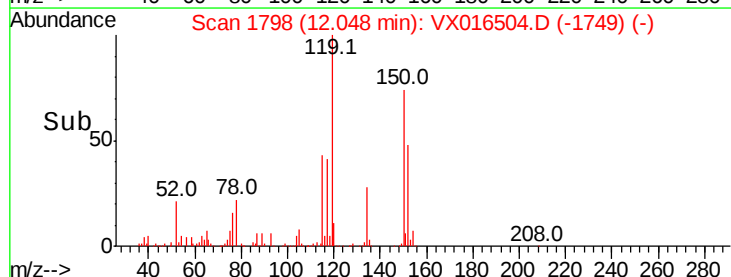
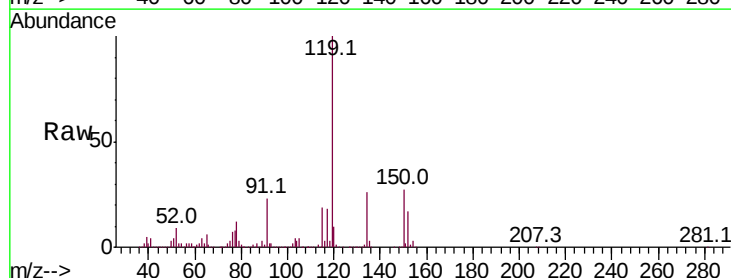
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

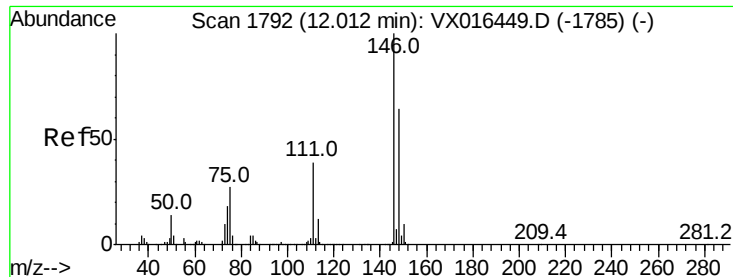
Tot Ion:105 Resp: 238371
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 18.651 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion:119 Resp: 225302
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.154 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

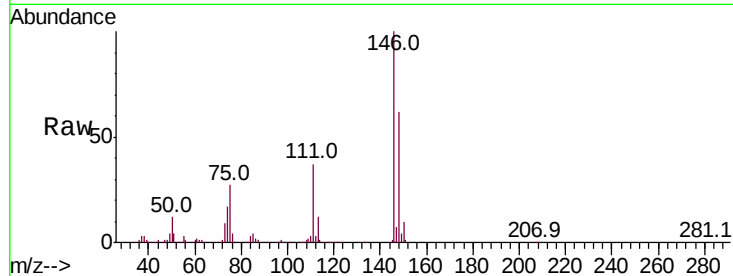
Tot Ion:146 Resp: 118858

Ion Ratio Lower Upper

146 100

111 40.7 20.0 60.0

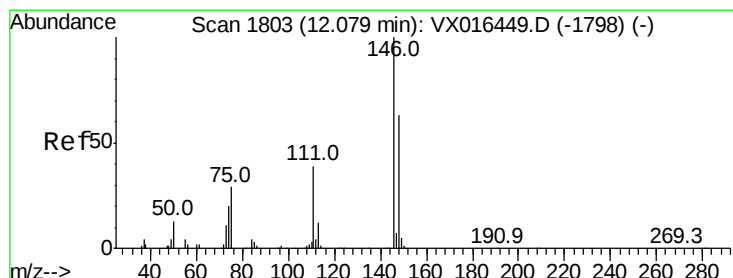
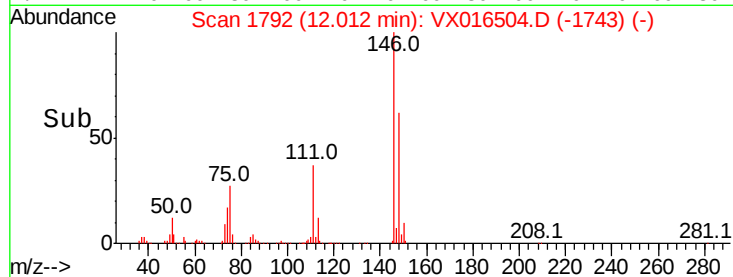
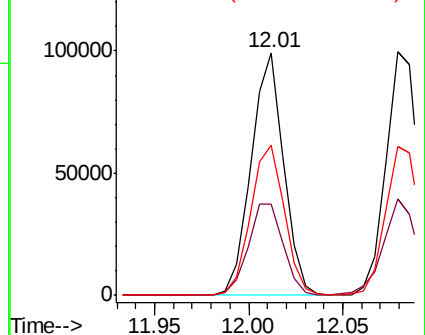
148 64.3 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 18.049 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

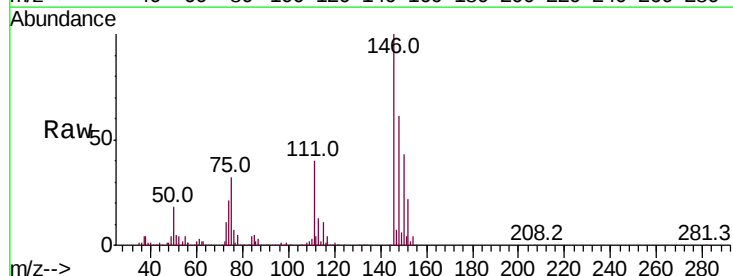
Tgt Ion:146 Resp: 120858

Ion Ratio Lower Upper

146 100

111 40.7 19.4 58.2

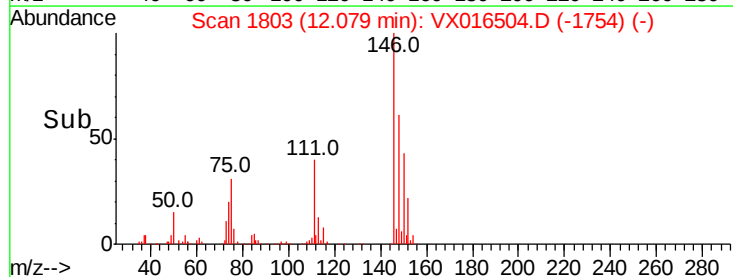
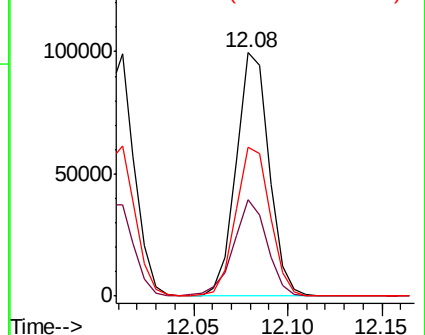
148 64.2 31.4 94.3

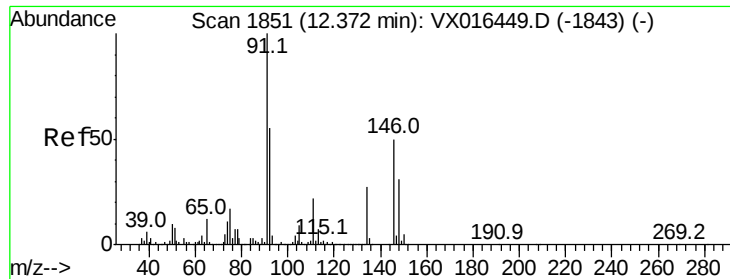


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

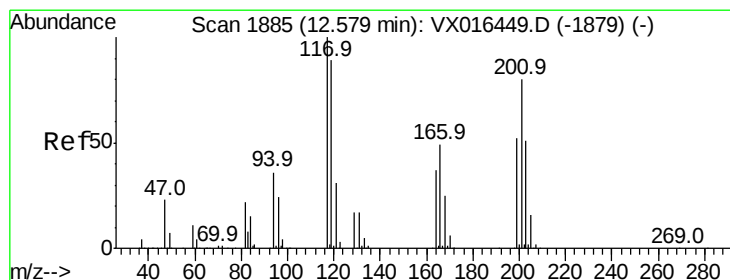
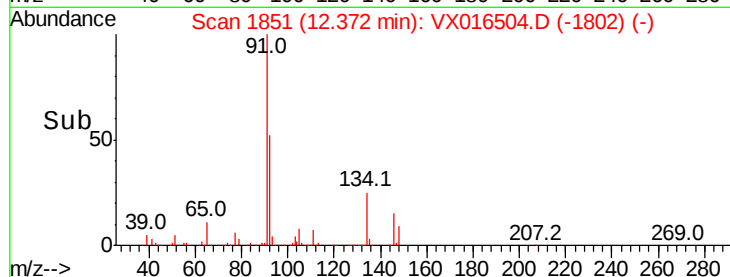
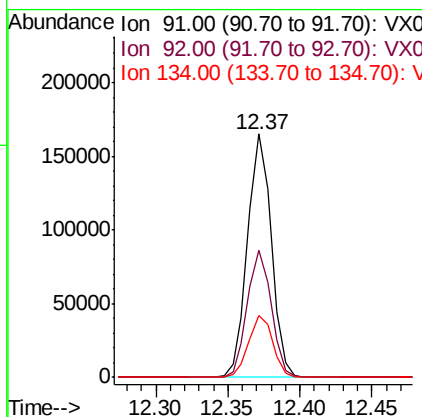
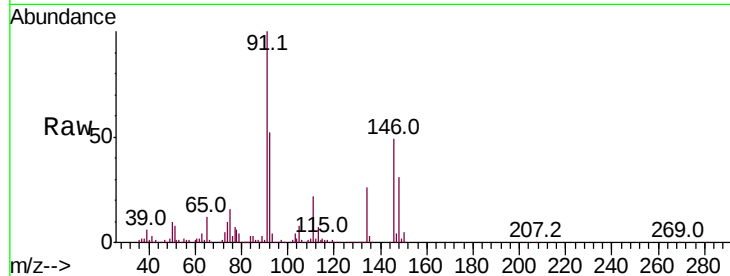




#89
n-Butylbenzene
Concen: 18.720 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

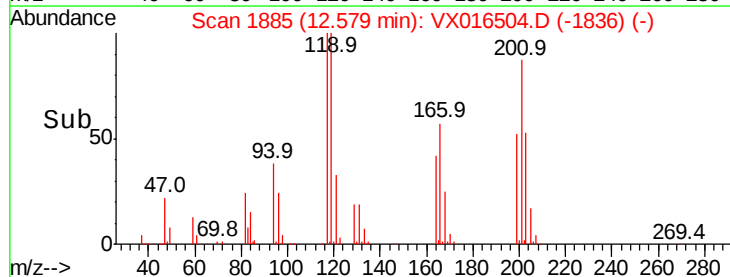
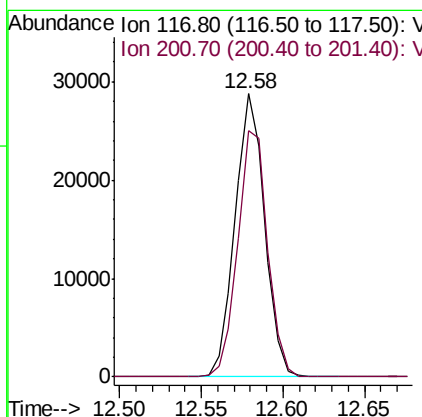
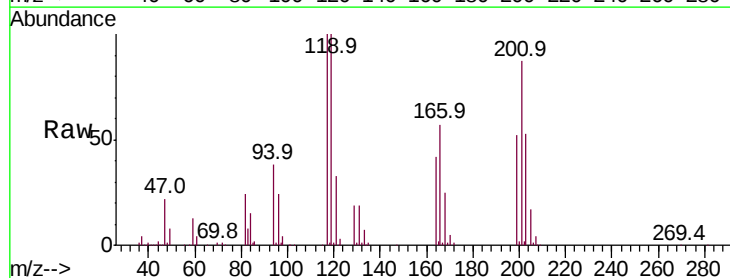
Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD01

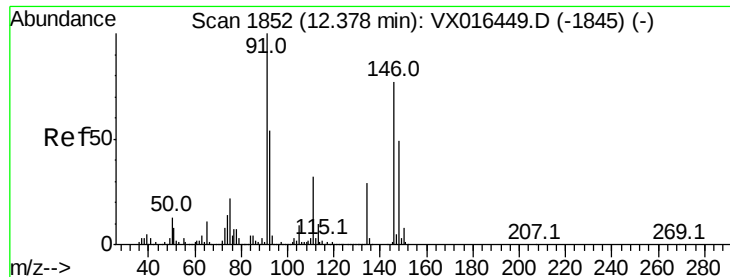
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.2	81.5
134	25.9	13.1	39.3



#90
Hexachloroethane
Concen: 17.413 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016504.D
Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 17.803 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

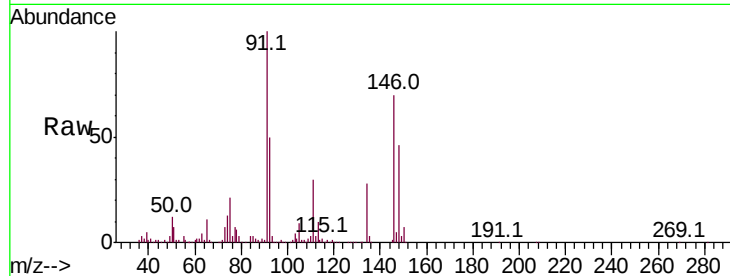
Tot Ion:146 Resp: 112927

Ion Ratio Lower Upper

146 100

111 42.6 21.4 64.3

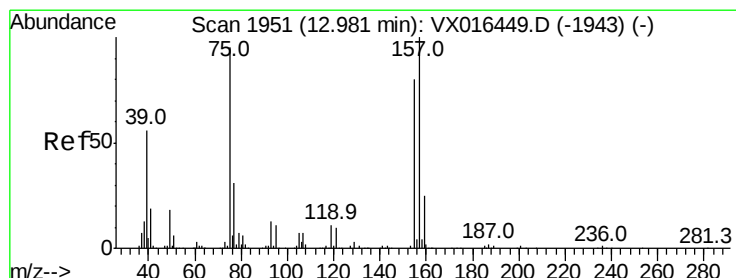
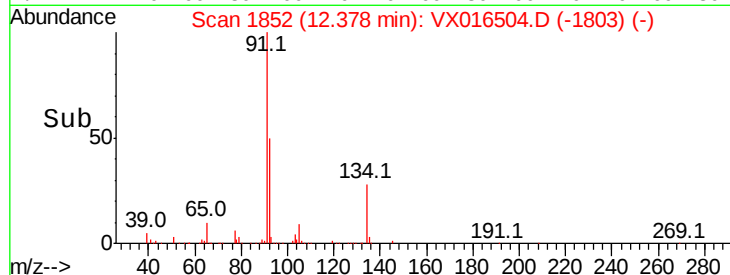
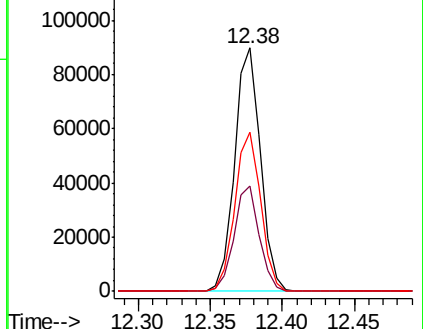
148 65.4 31.9 95.7



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: 17.435 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

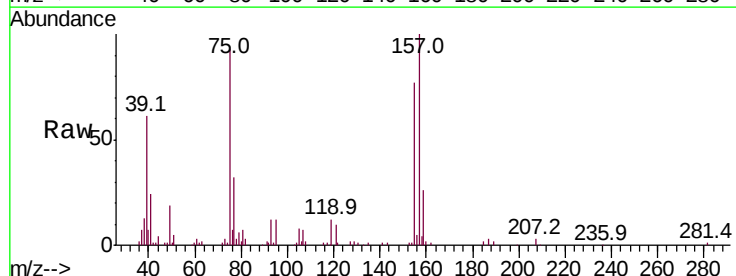
Tgt Ion: 75 Resp: 20393

Ion Ratio Lower Upper

75 100

155 88.6 44.1 132.4

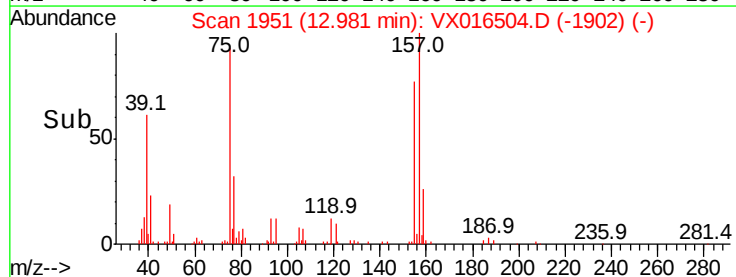
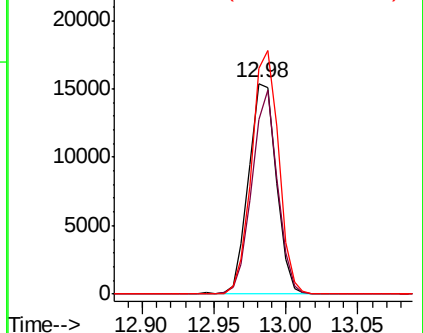
157 112.1 57.8 173.3

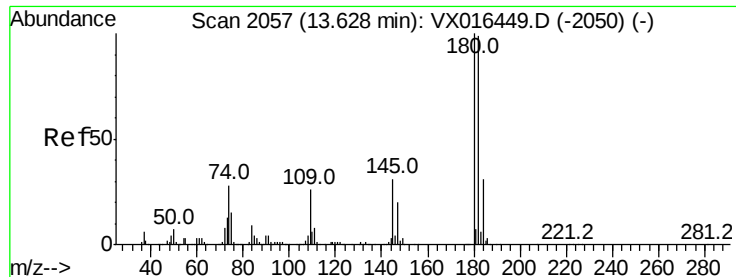


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

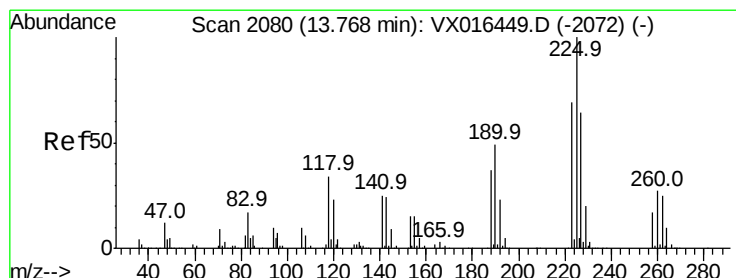
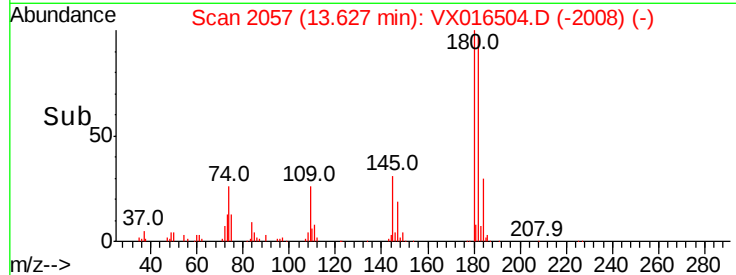
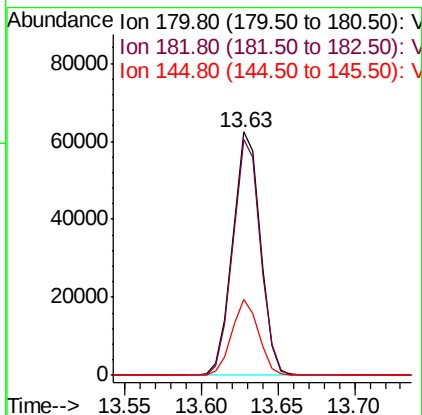
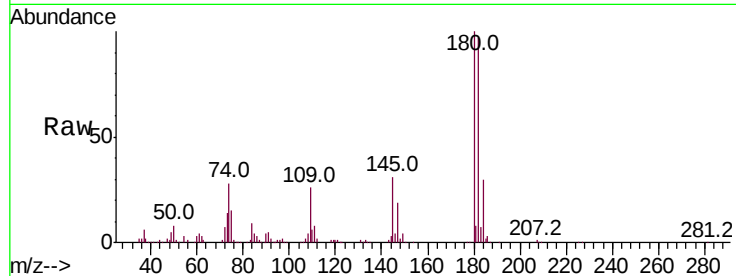




#93
 1,2,4-Trichlorobenzene
 Concen: 18.591 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

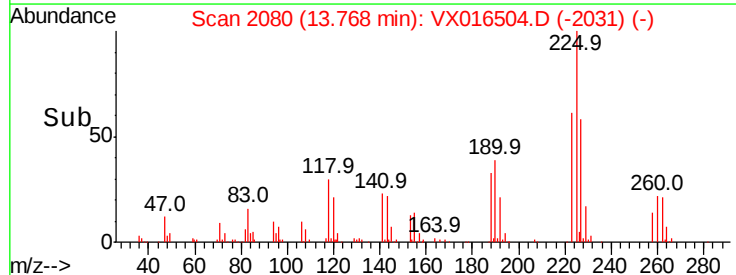
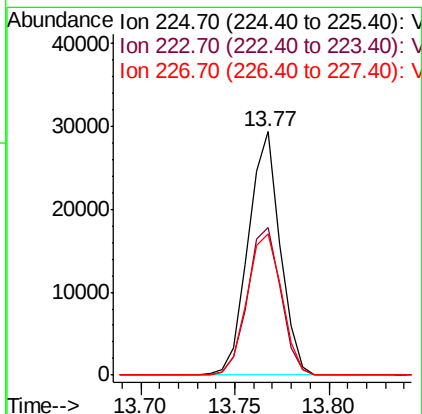
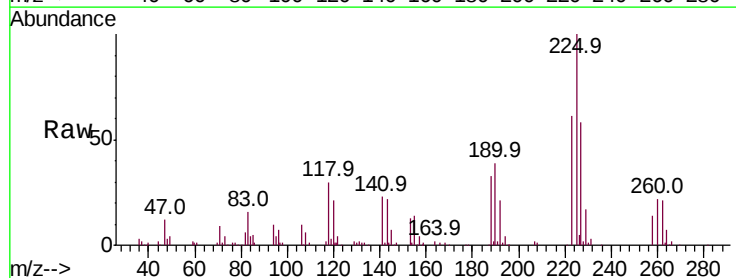
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

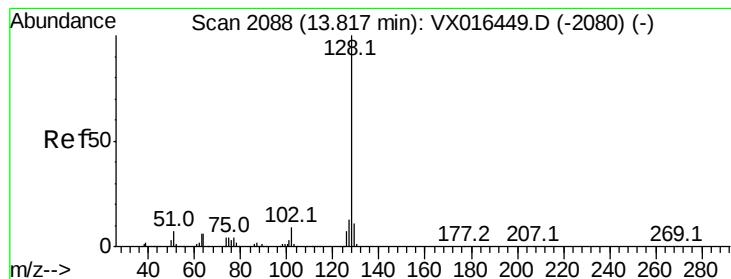
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	30.1	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 20.871 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016504.D
 Acq: 29 May 2020 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.3	96.8
227	62.7	31.6	94.7





#95

Naphthalene

Concen: 18.419 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBSD01

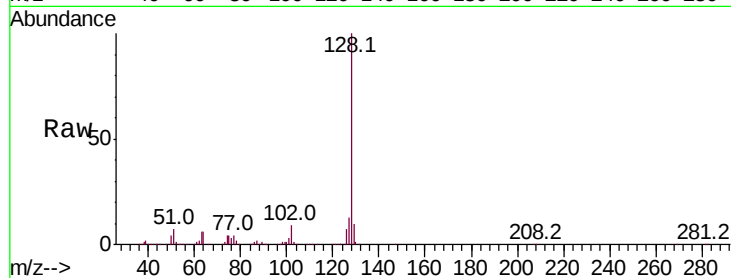
Tot Ion:128 Resp: 266008

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

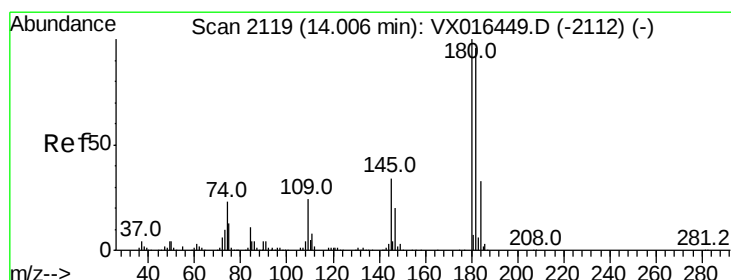
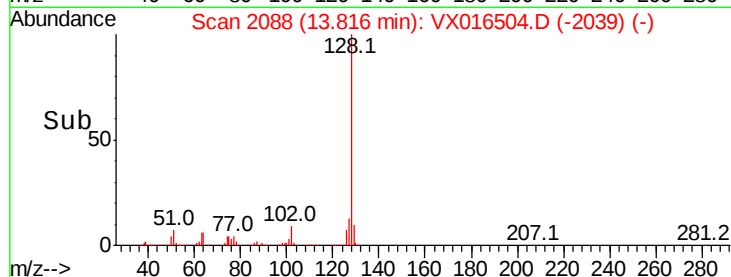
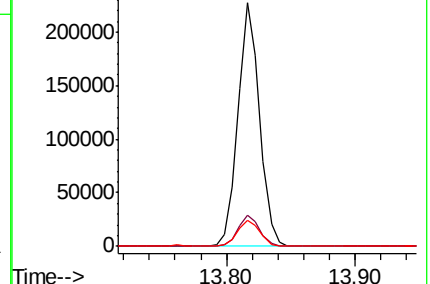
129 11.1 8.6 13.0



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: 18.996 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016504.D

Acq: 29 May 2020 12:38

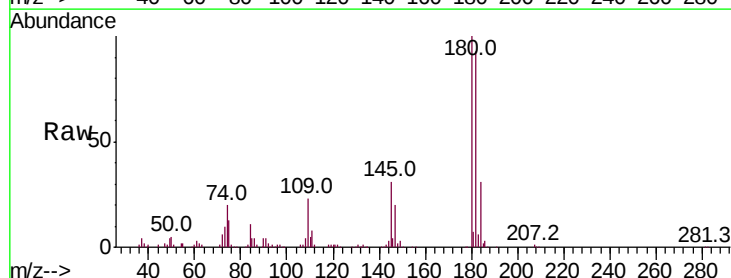
Tgt Ion:180 Resp: 78401

Ion Ratio Lower Upper

180 100

182 92.4 48.6 145.8

145 31.4 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

