

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102820\
 Data File : VX019158.D
 Acq On : 28 Oct 2020 12:15
 Operator : JC/MD
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Quant Time: Oct 29 02:06:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	288796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	475573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183445	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	147405	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.70	98	568726	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.12	95	210516	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	46396	19.271	ug/l	100
3) Chloromethane	1.31	50	51484	19.141	ug/l	99
4) Vinyl Chloride	1.39	62	59988	19.231	ug/l	98
5) Bromomethane	1.64	94	44591	20.932	ug/l	99
6) Chloroethane	1.72	64	39337	19.751	ug/l	98
7) Trichlorofluoromethane	1.92	101	97098	19.814	ug/l	98
8) Diethyl Ether	2.17	74	37688	20.038	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53405	19.661	ug/l	100
10) Methyl Iodide	2.49	142	58468	22.288	ug/l	100
11) Tert butyl alcohol	3.03	59	68050	92.507	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52980	18.928	ug/l	99
13) Acrolein	2.27	56	27352	86.932	ug/l	97
14) Allyl chloride	2.70	41	82700	19.507	ug/l	99
15) Acrylonitrile	3.11	53	147866	95.657	ug/l	100
16) Acetone	2.43	43	126173	98.201	ug/l	98
17) Carbon Disulfide	2.55	76	144299	18.571	ug/l	99
18) Methyl Acetate	2.75	43	59434	19.023	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	188015	19.386	ug/l	97
20) Methylene Chloride	2.83	84	61167	18.963	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	59643	18.514	ug/l	98
22) Diisopropyl ether	3.82	45	171218	20.257	ug/l	93
23) Vinyl Acetate	3.78	43	756034	100.306	ug/l	99
24) 1,1-Dichloroethane	3.67	63	104618	19.825	ug/l	99
25) 2-Butanone	4.64	43	195462	96.528	ug/l	99
26) 2,2-Dichloropropane	4.55	77	97097	19.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	68858	19.128	ug/l	98
28) Bromochloromethane	4.98	49	49655	20.698	ug/l	96
29) Tetrahydrofuran	5.09	42	124505	97.567	ug/l	99
30) Chloroform	5.17	83	110601	19.690	ug/l	99
31) Cyclohexane	5.54	56	92428	19.633	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	99786	19.594	ug/l	99
36) 1,1-Dichloropropene	5.76	75	84346	19.206	ug/l	99
37) Ethyl Acetate	4.79	43	76742	18.821	ug/l	99
38) Carbon Tetrachloride	5.74	117	85732	19.152	ug/l	97

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Quant Time: Oct 29 02:06:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	101755	19.378	ug/l	98
40) Benzene	6.11	78	243244	19.535	ug/l	98
41) Methacrylonitrile	4.99	41	42768	19.477	ug/l	98
42) 1,2-Dichloroethane	6.15	62	90385	19.696	ug/l	100
43) Isopropyl Acetate	6.40	43	131702	19.290	ug/l	100
44) Trichloroethene	7.18	130	68319	19.158	ug/l	94
45) 1,2-Dichloropropane	7.48	63	60104	19.708	ug/l	97
46) Dibromomethane	7.63	93	42811	18.983	ug/l	100
47) Bromodichloromethane	7.87	83	86499	19.459	ug/l	98
48) Methyl methacrylate	7.74	41	62988	19.168	ug/l	99
49) 1,4-Dioxane	7.74	88	28209	386.007	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	390106	99.414	ug/l	100
52) Toluene	8.76	92	157548	19.646	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	94396	18.592	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	102005	19.106	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61409	19.380	ug/l	97
56) Ethyl methacrylate	9.16	69	92535	19.334	ug/l	97
57) 1,3-Dichloropropane	9.35	76	104883	19.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	257128	96.063	ug/l	98
59) 2-Hexanone	9.47	43	297169	99.487	ug/l	99
60) Dibromochloromethane	9.56	129	66438	19.320	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64736	19.105	ug/l	100
64) Tetrachloroethene	9.32	164	63771	19.435	ug/l	98
65) Chlorobenzene	10.12	112	164303	18.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61260	19.332	ug/l	99
67) Ethyl Benzene	10.23	91	301242	19.206	ug/l	97
68) m/p-Xylenes	10.34	106	226522	38.480	ug/l	99
69) o-Xylene	10.68	106	108838	19.492	ug/l	97
70) Styrene	10.70	104	179812	18.874	ug/l	100
71) Bromoform	10.84	173	44897	17.870	ug/l #	99
73) Isopropylbenzene	11.00	105	294453	19.899	ug/l	99
74) N-amyl acetate	10.88	43	106504	19.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	90846	19.644	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	105253	24.384	ug/l	87
77) Bromobenzene	11.24	156	69889	19.030	ug/l	96
78) n-propylbenzene	11.34	91	334189	19.784	ug/l	100
79) 2-Chlorotoluene	11.40	91	196004	19.709	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	247267	19.780	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29256	17.846	ug/l	98
82) 4-Chlorotoluene	11.49	91	232901	19.178	ug/l	98
83) tert-Butylbenzene	11.76	119	239140	19.979	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	248214	19.668	ug/l	99
85) sec-Butylbenzene	11.93	105	287224	20.007	ug/l	99
86) p-Isopropyltoluene	12.05	119	263278	19.869	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127926	18.704	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	129439	18.181	ug/l	97
89) n-Butylbenzene	12.37	91	237541	19.072	ug/l	99
90) Hexachloroethane	12.58	117	42954	19.072	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	122694	18.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21364	18.871	ug/l	94

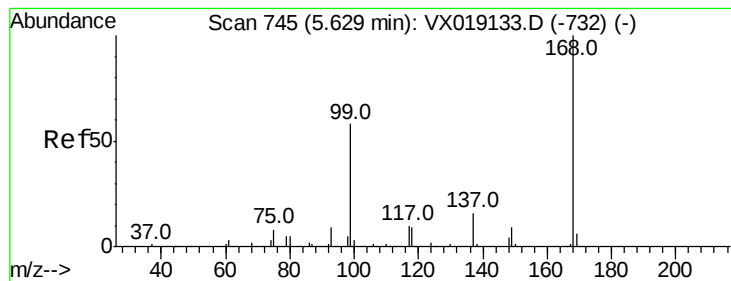
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102820\
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84295	17.088	ug/l	97
94) Hexachlorobutadiene	13.76	225	37859	17.435	ug/l	98
95) Naphthalene	13.82	128	272320	17.528	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	82498	17.239	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

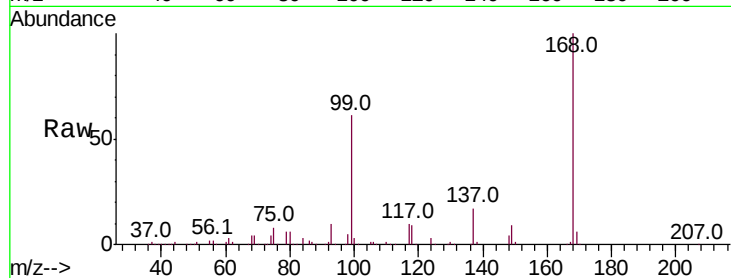
VX1028WBS01

Tot Ion:168 Resp: 288796

Ion Ratio Lower Upper

168 100

99 61.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

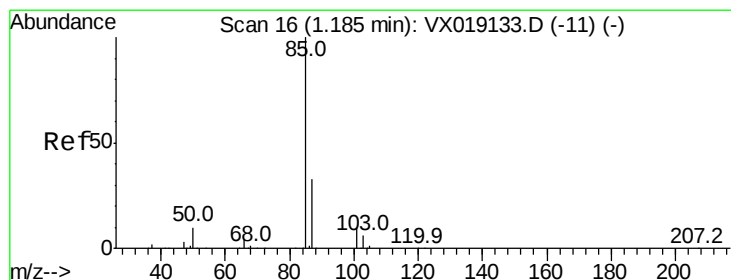
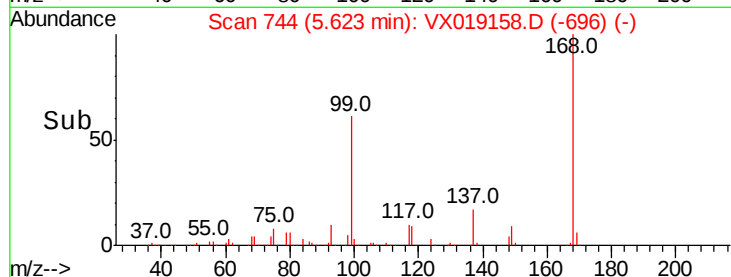
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.271 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019158.D

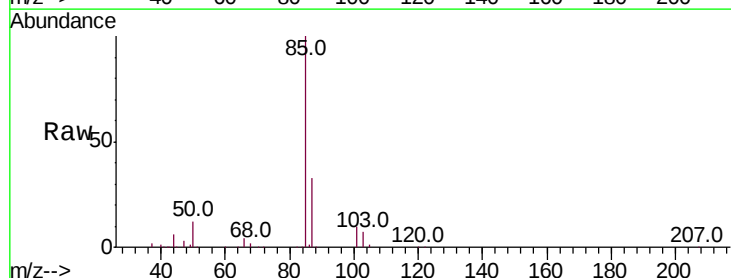
Acq: 28 Oct 2020 12:15

Tgt Ion: 85 Resp: 46396

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

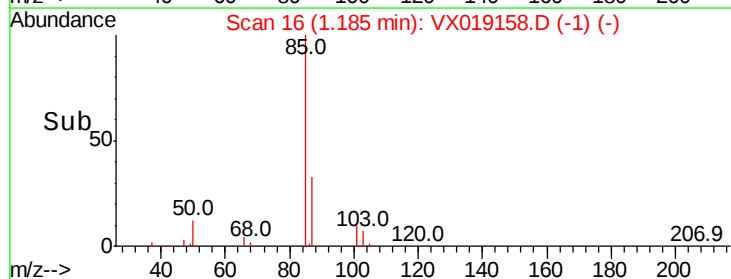
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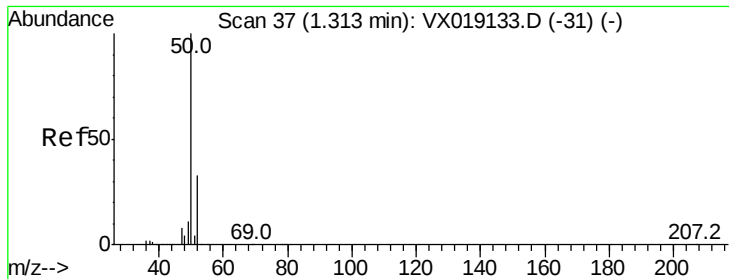
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.141 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

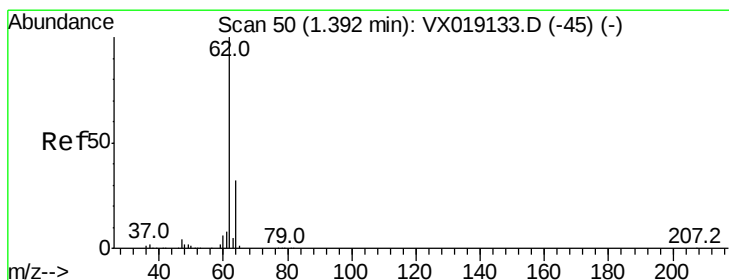
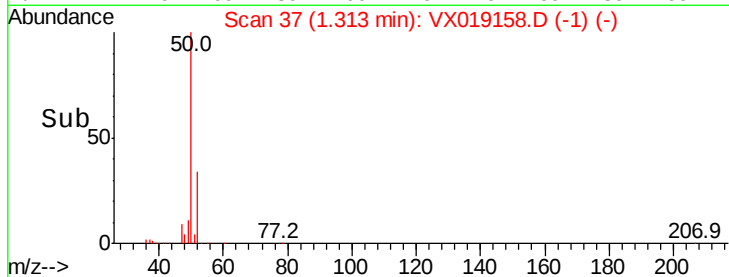
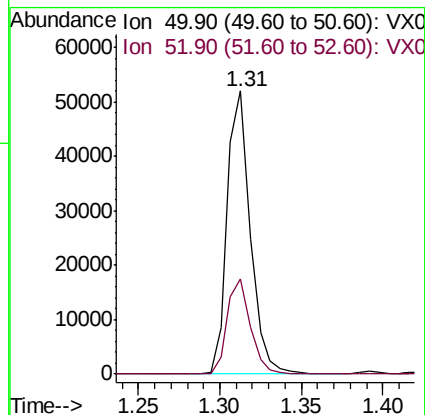
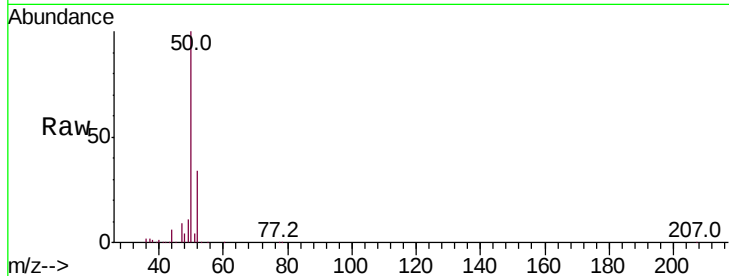
VX1028WBS01

Tot Ion: 50 Resp: 51484

Ion Ratio Lower Upper

50 100

52 33.8 26.8 40.2



#4

Vinyl Chloride

Concen: 19.231 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019158.D

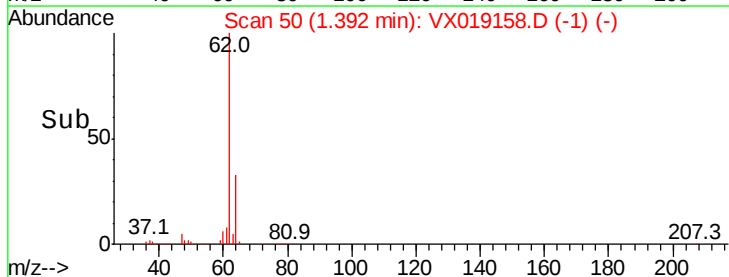
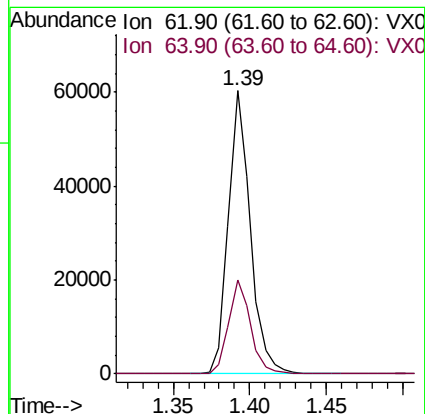
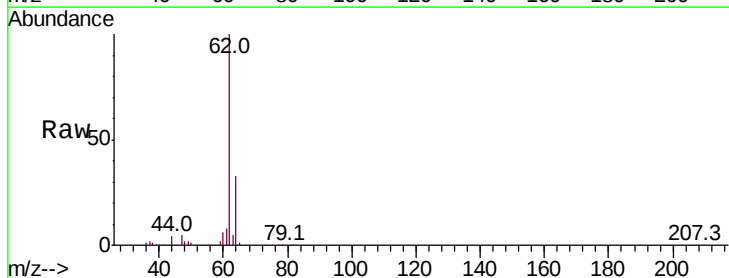
Acq: 28 Oct 2020 12:15

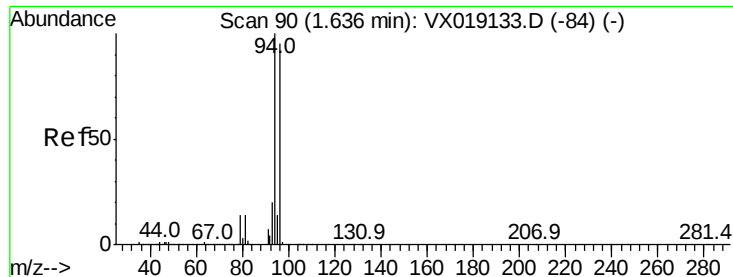
Tgt Ion: 62 Resp: 59988

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0





#5

Bromomethane

Concen: 20.932 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

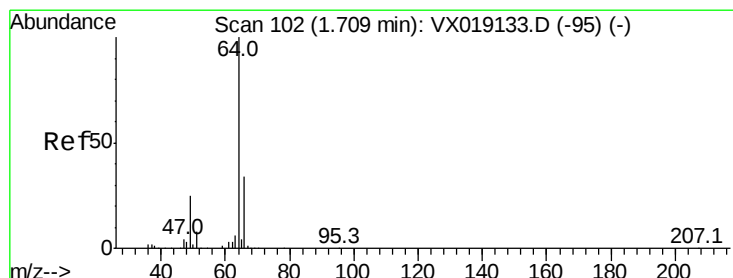
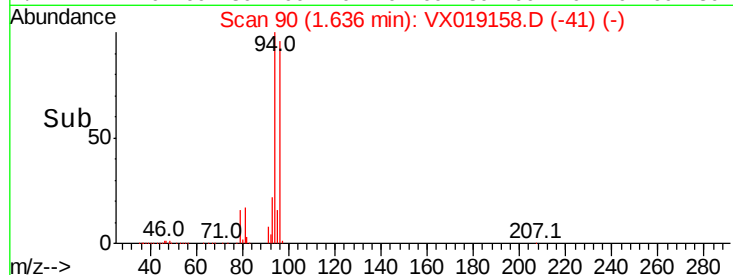
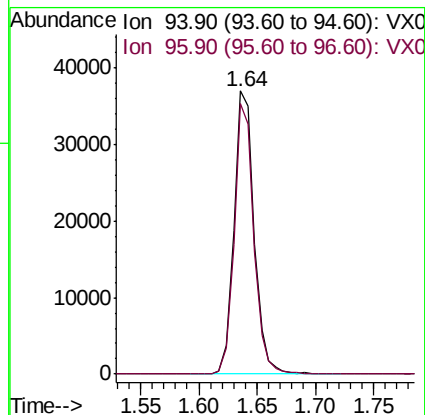
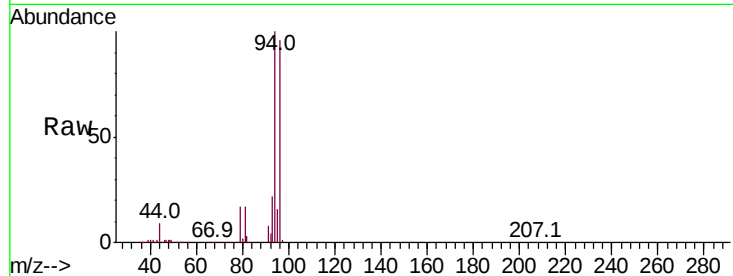
VX1028WBS01

Tot Ion: 94 Resp: 44591

Ion Ratio Lower Upper

94 100

96 95.6 76.0 114.0



#6

Chloroethane

Concen: 19.751 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019158.D

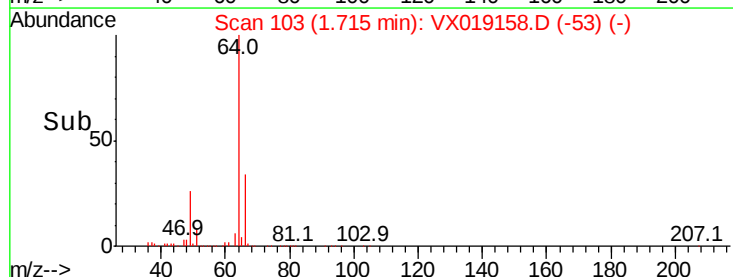
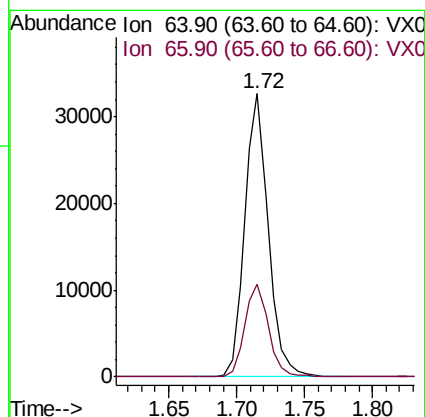
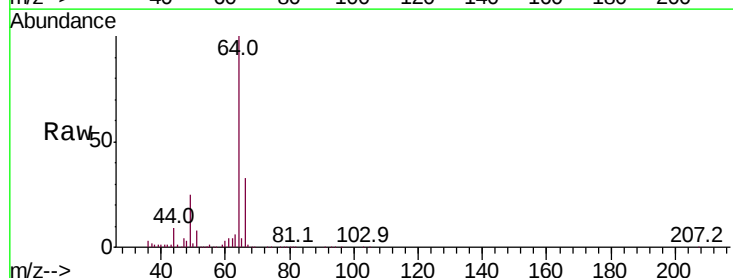
Acq: 28 Oct 2020 12:15

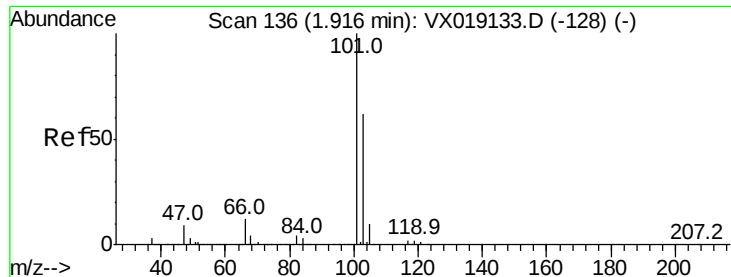
Tgt Ion: 64 Resp: 39337

Ion Ratio Lower Upper

64 100

66 32.7 27.1 40.7



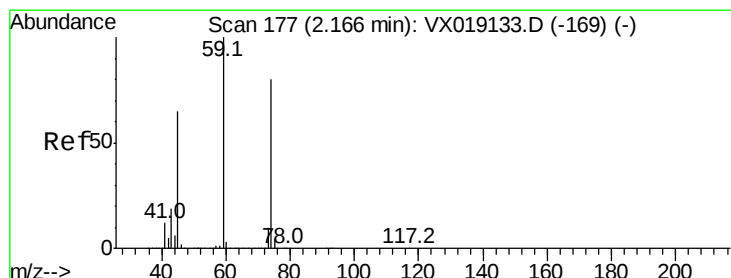
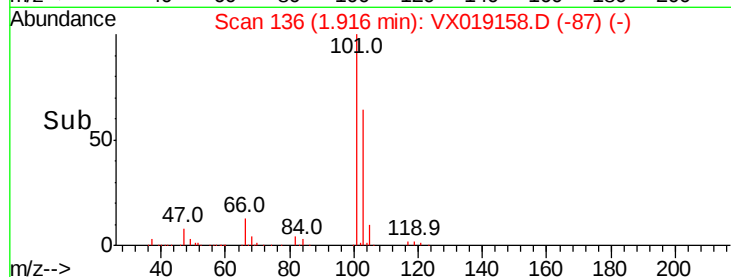
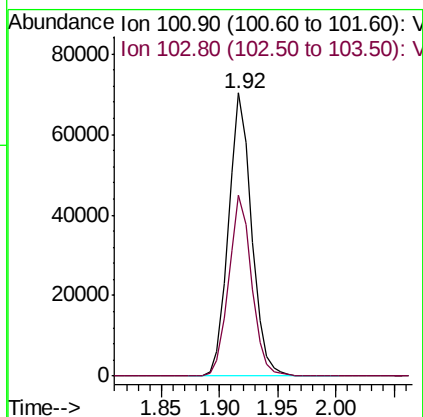
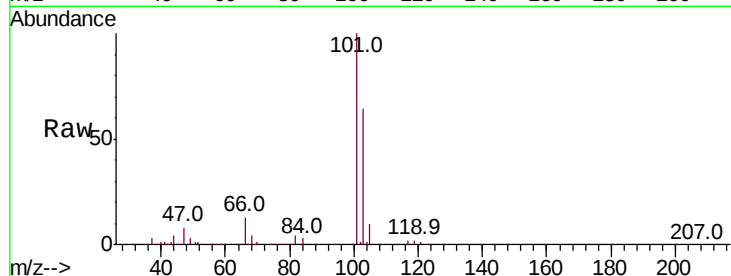


#7

Trichlorofluoromethane
 Concen: 19.814 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

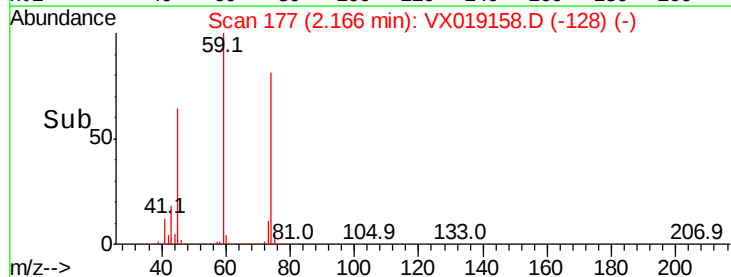
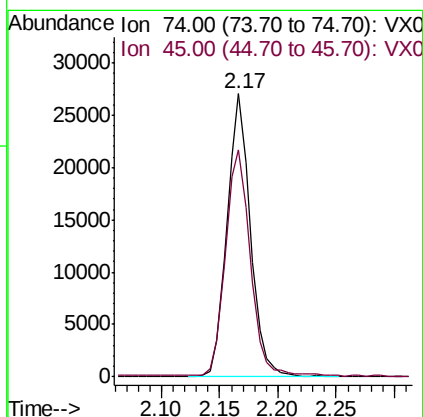
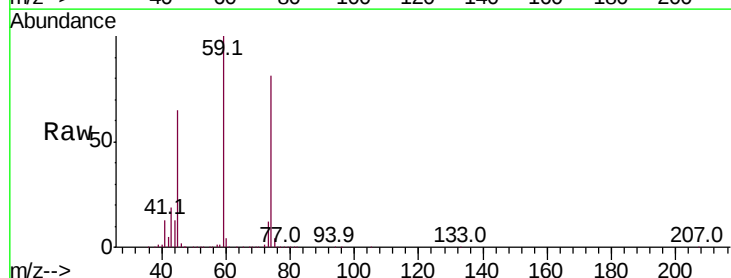
Tot Ion:101 Resp: 97098
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.0 75.0

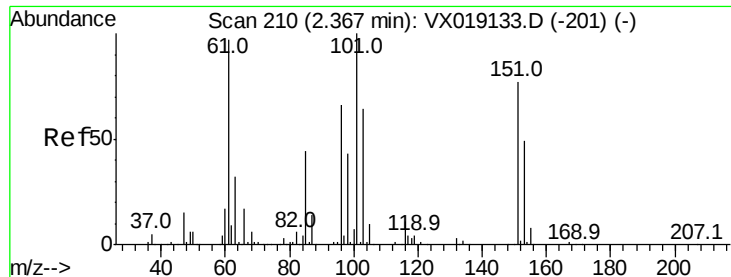


#8

Diethyl Ether
 Concen: 20.038 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion: 74 Resp: 37688
 Ion Ratio Lower Upper
 74 100
 45 84.8 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.661 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

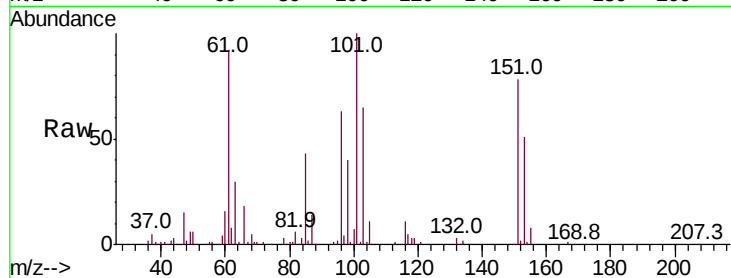
Tot Ion:101 Resp: 53405

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.4

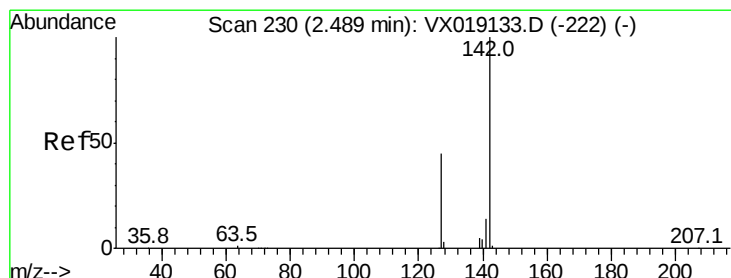
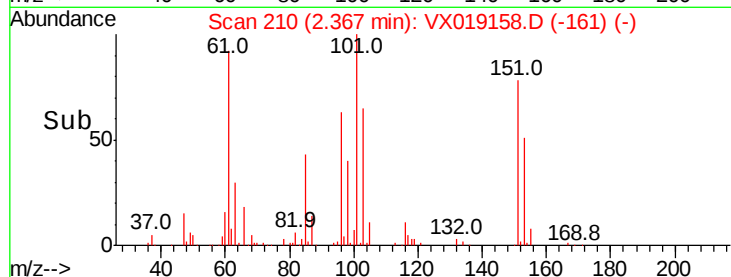
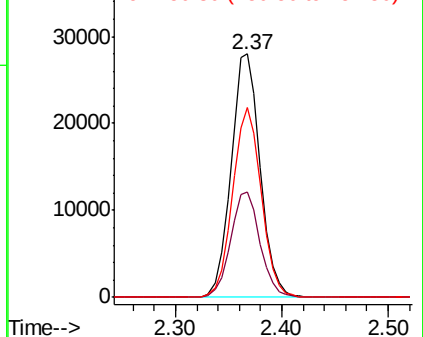
151 77.3 61.4 92.2



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: 22.288 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

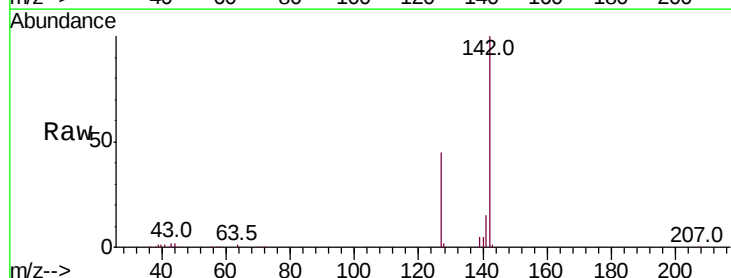
Tgt Ion:142 Resp: 58468

Ion Ratio Lower Upper

142 100

127 44.9 36.1 54.1

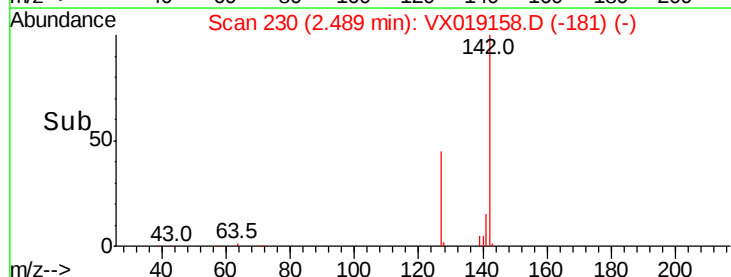
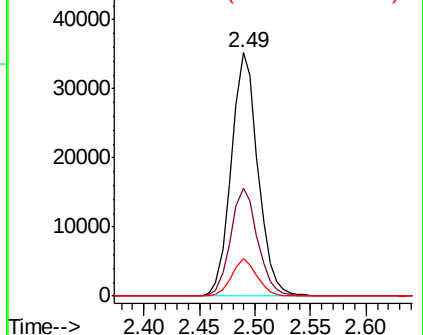
141 14.5 11.3 16.9

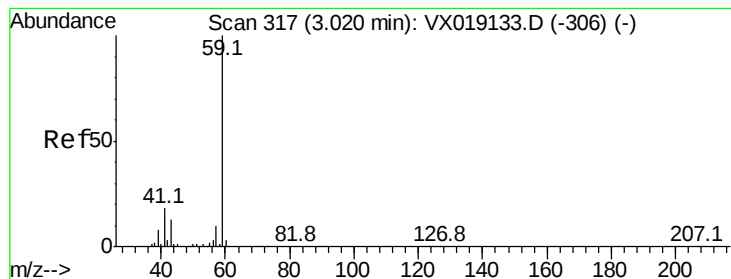


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



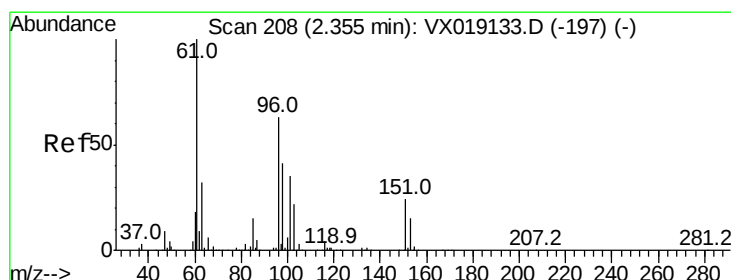
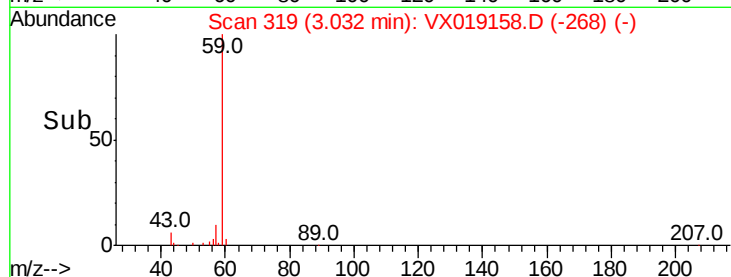
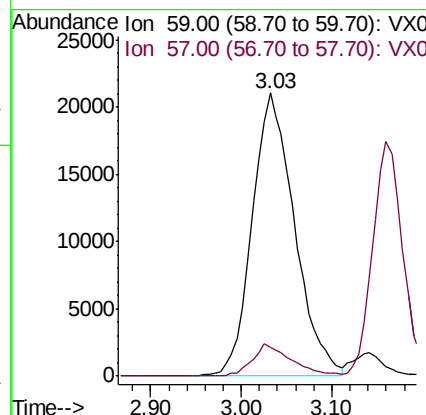
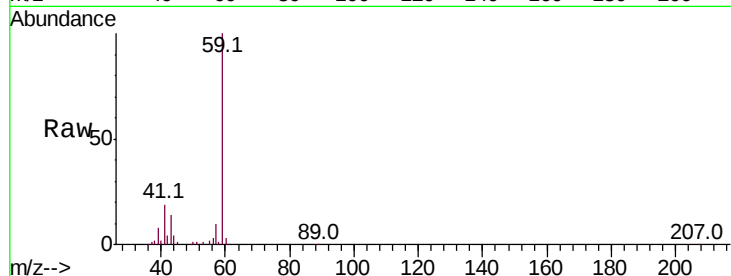


#11

Tert butyl alcohol
Concen: 92.507 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

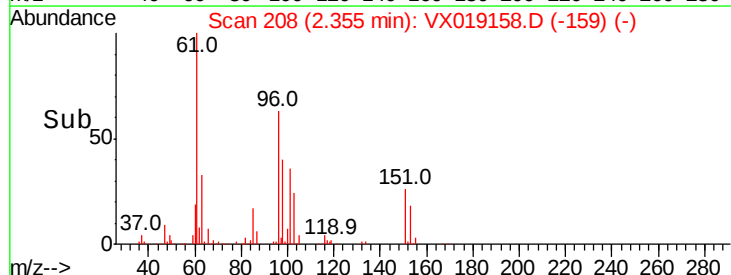
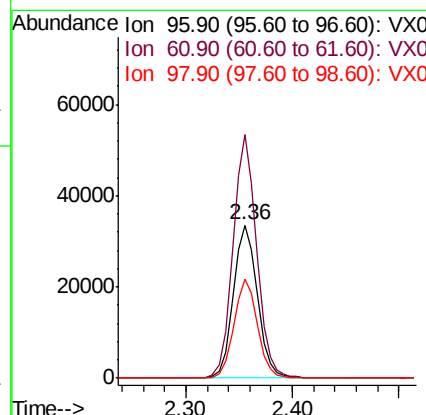
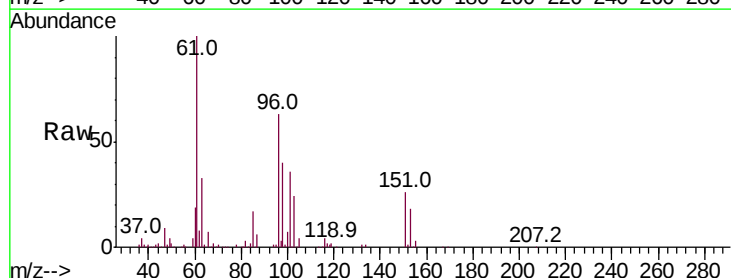
Tot Ion: 59 Resp: 68050
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

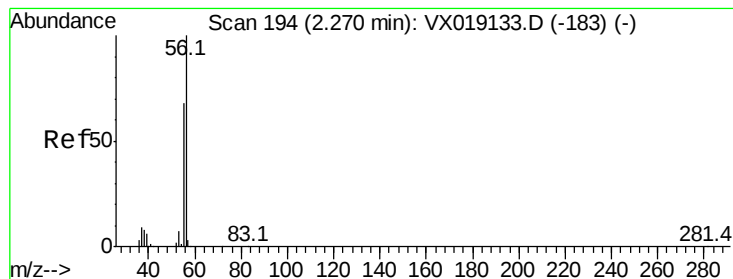


#12

1,1-Dichloroethene
Concen: 18.928 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 96 Resp: 52980
Ion Ratio Lower Upper
96 100
61 159.1 127.7 191.5
98 64.4 52.1 78.1





#13

Acrolein

Concen: 86.932 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

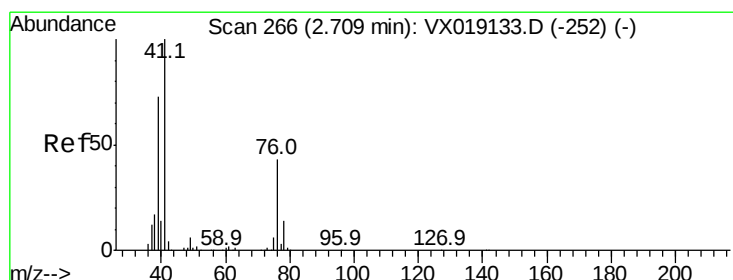
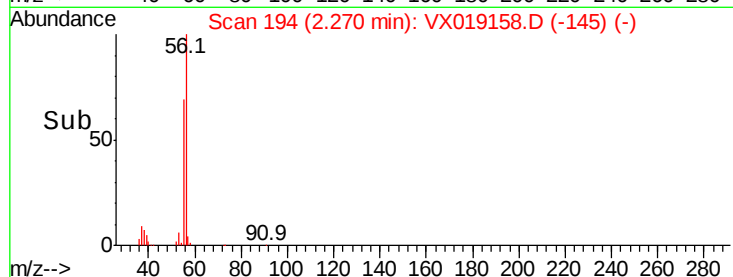
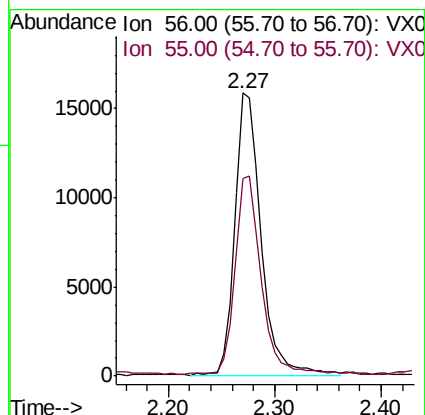
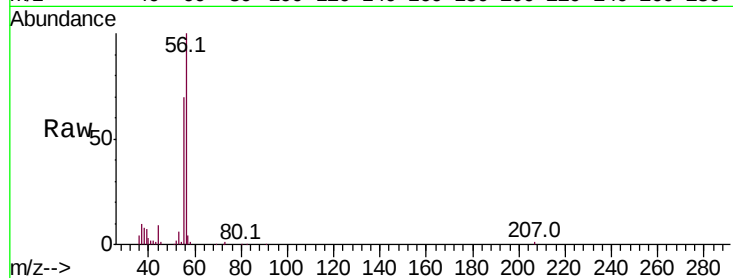
VX1028WBS01

Tot Ion: 56 Resp: 27352

Ion Ratio Lower Upper

56 100

55 70.8 54.7 82.1



#14

Allyl chloride

Concen: 19.507 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

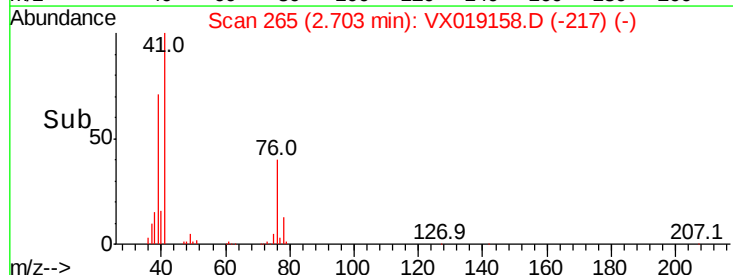
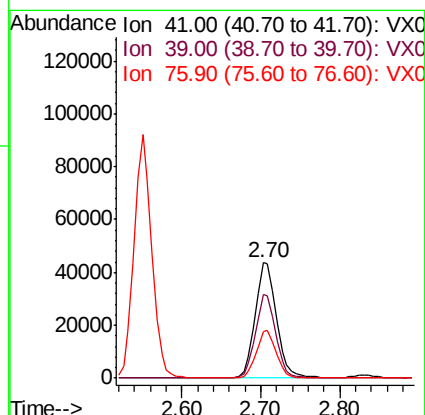
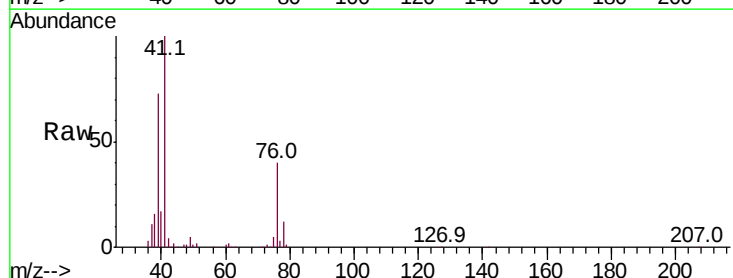
Tgt Ion: 41 Resp: 82700

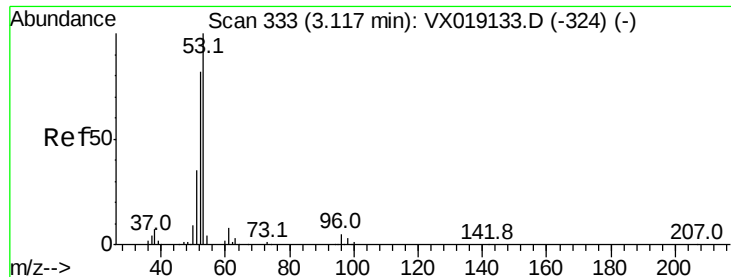
Ion Ratio Lower Upper

41 100

39 69.0 55.2 82.8

76 38.5 31.5 47.3





#15

Acrylonitrile

Concen: 95.657 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

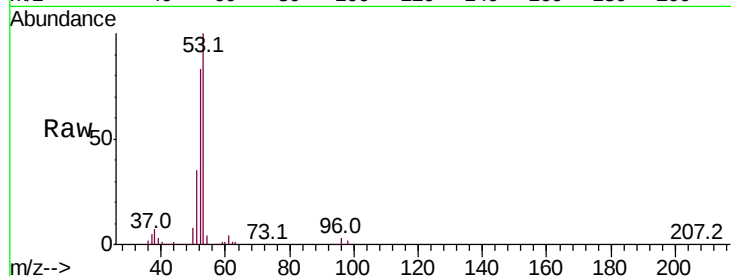
MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 53 Resp: 147866

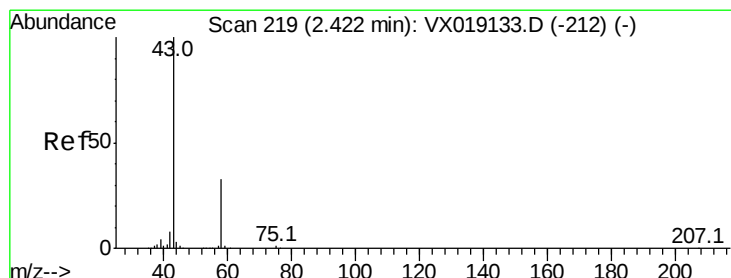
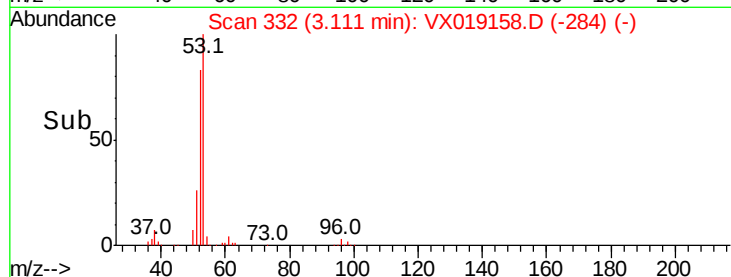
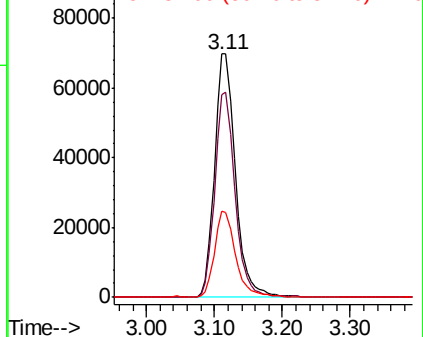
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	35.8	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.201 ug/l

RT: 2.43 min Scan# 220

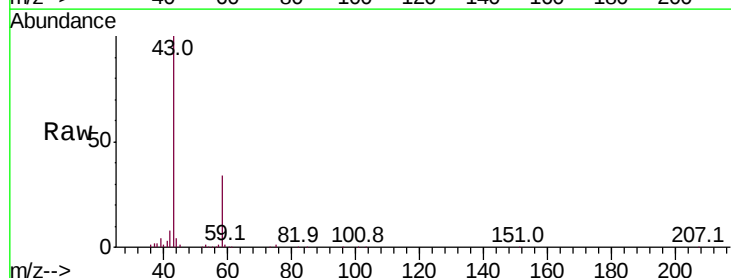
Delta R.T. 0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

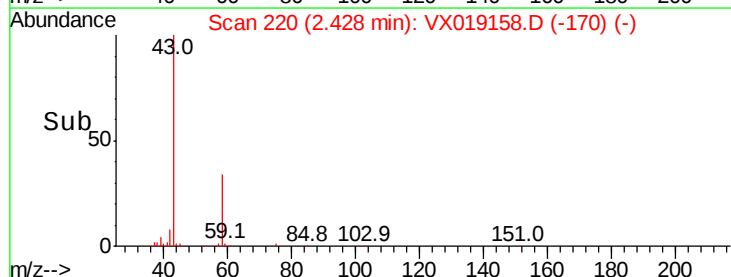
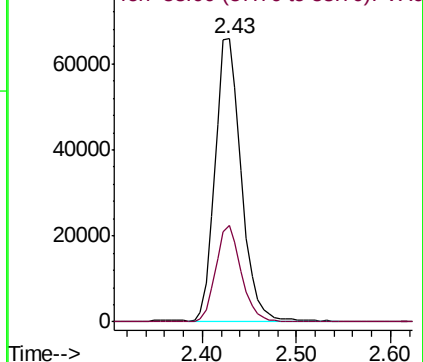
Tgt Ion: 43 Resp: 126173

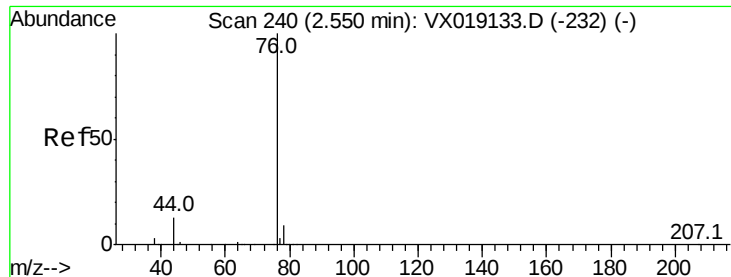
Ion	Ratio	Lower	Upper
43	100		
58	34.2	26.3	39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

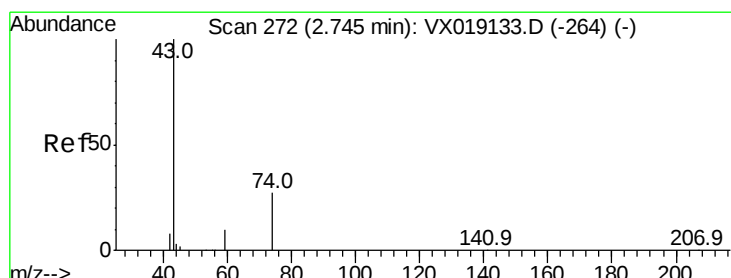
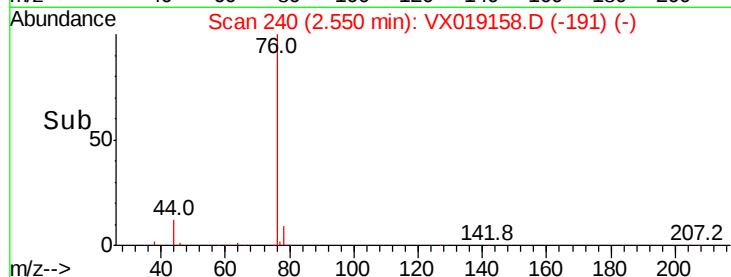
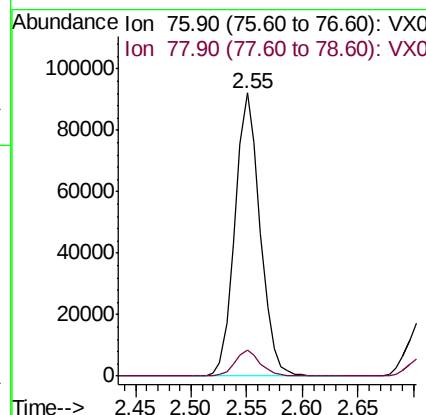
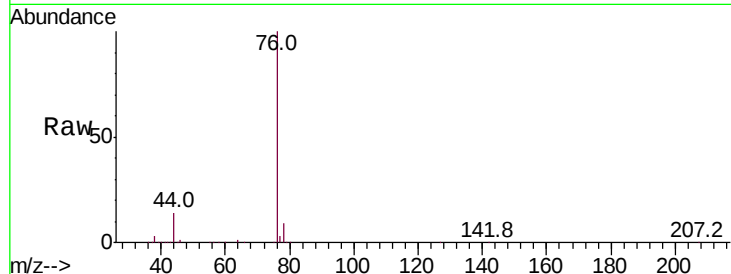




#17
Carbon Disulfide
Concen: 18.571 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

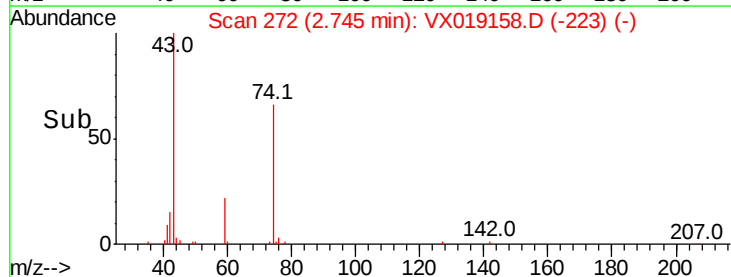
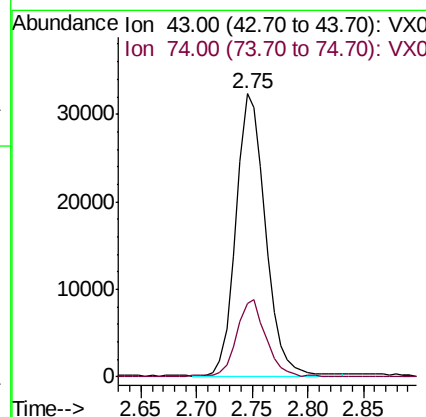
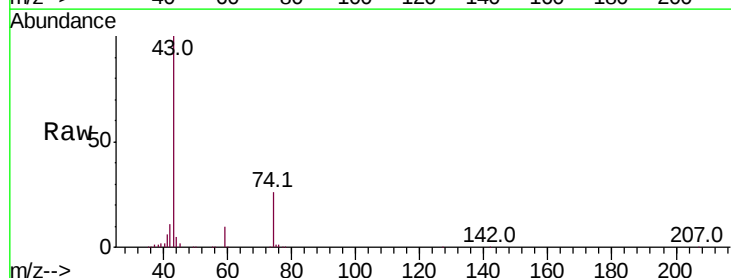
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

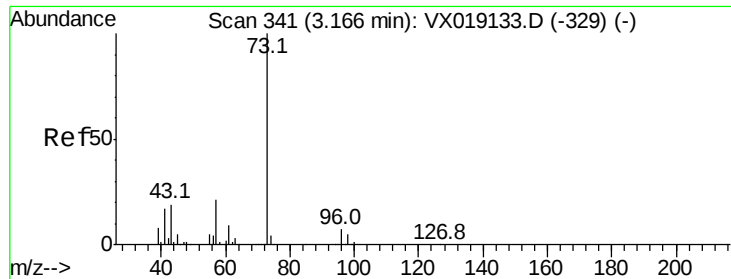
Tot Ion: 76 Resp: 144299
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 19.023 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 43 Resp: 59434
Ion Ratio Lower Upper
43 100
74 27.6 22.6 33.8



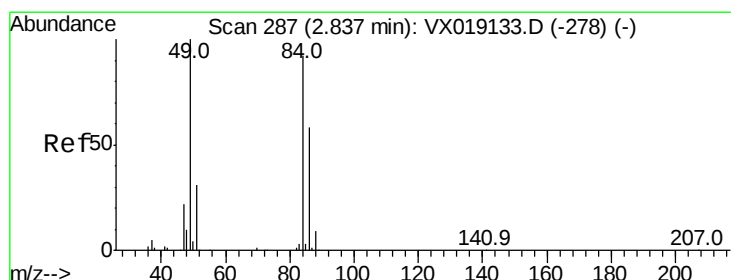
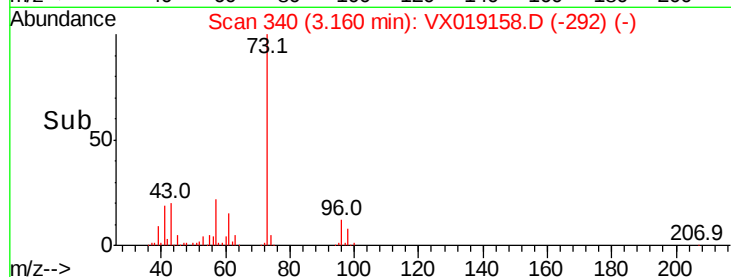
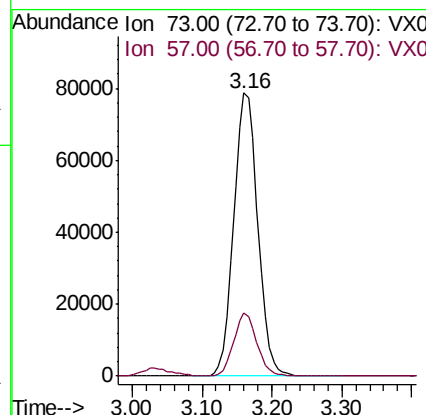
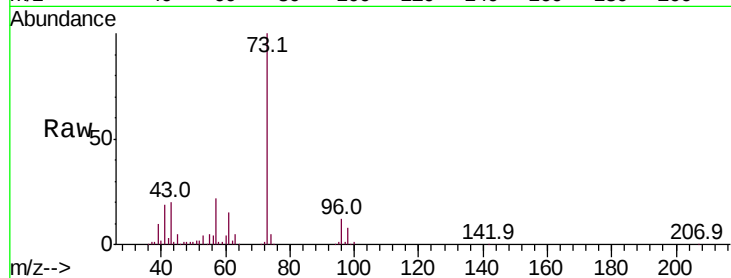


#19

Methyl tert-butyl Ether
 Concen: 19.386 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

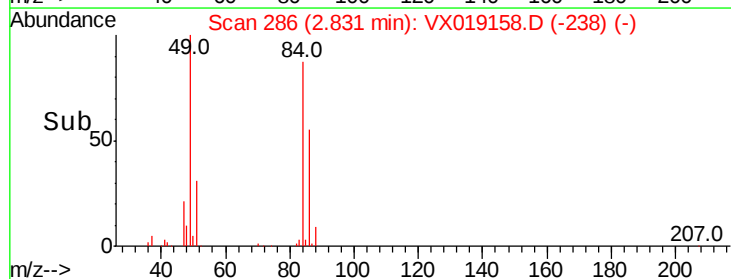
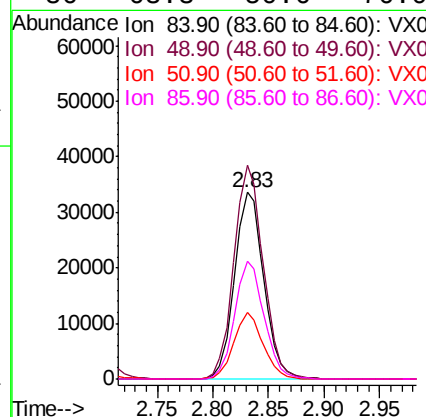
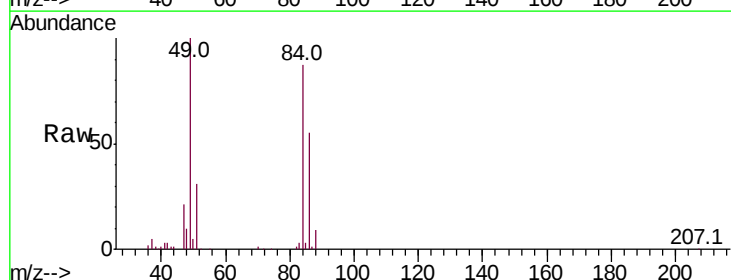
Tot Ion: 73 Resp: 188015
 Ion Ratio Lower Upper
 73 100
 57 22.2 16.6 25.0

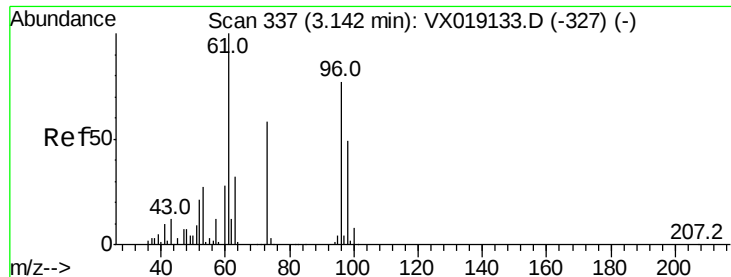


#20

Methylene Chloride
 Concen: 18.963 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion: 84 Resp: 61167
 Ion Ratio Lower Upper
 84 100
 49 114.6 86.8 130.2
 51 35.5 27.3 40.9
 86 63.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.514 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

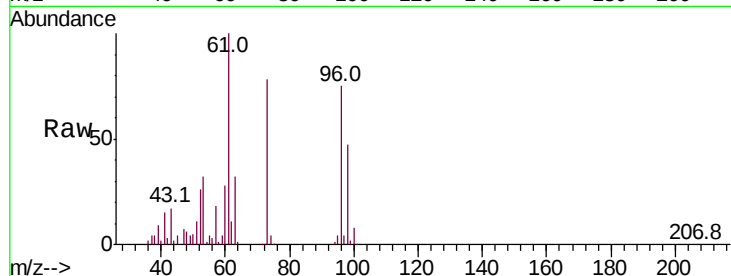
Tot Ion: 96 Resp: 59643

Ion Ratio Lower Upper

96 100

61 133.7 104.2 156.4

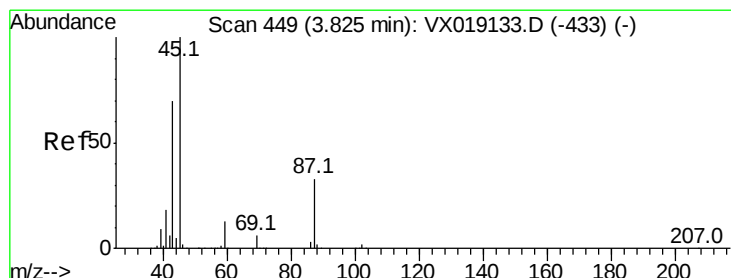
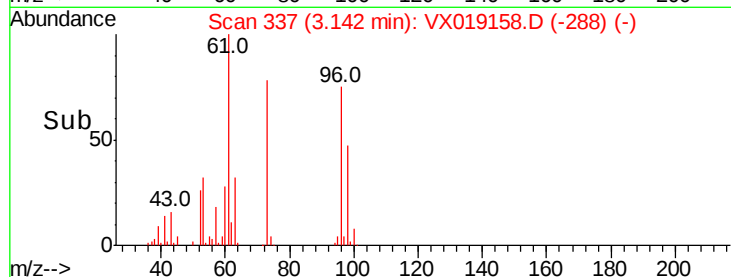
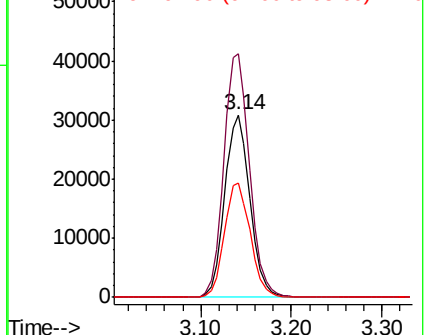
98 62.9 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.257 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion: 45 Resp: 171218

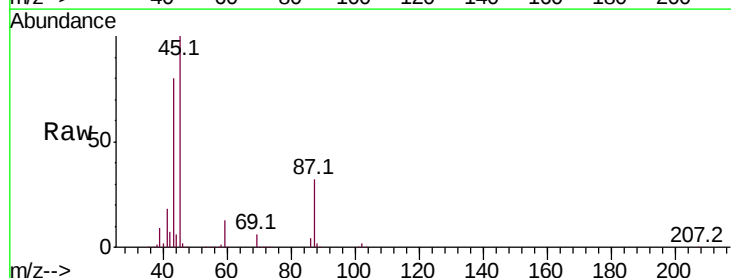
Ion Ratio Lower Upper

45 100

43 79.3 56.2 84.4

87 31.6 26.2 39.2

59 12.8 10.1 15.1

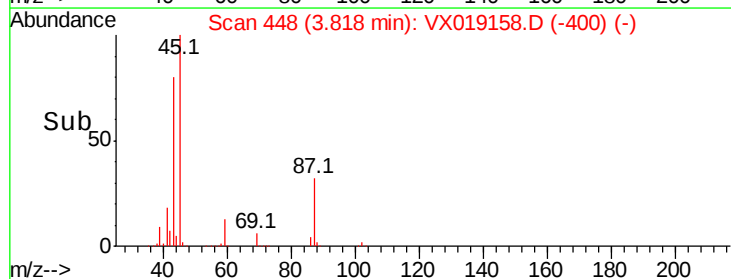
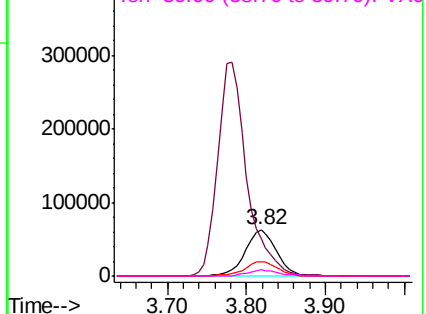


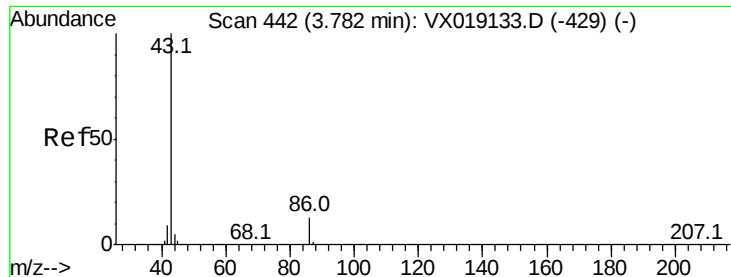
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.306 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

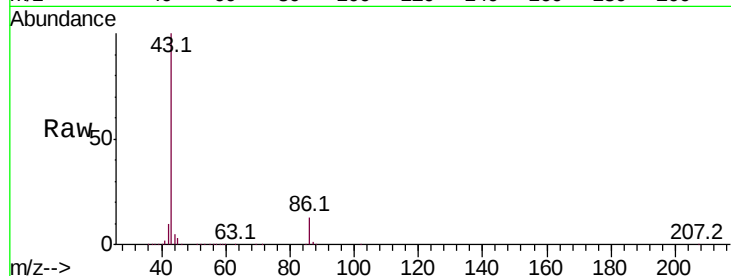
VX1028WBS01

Tot Ion: 43 Resp: 756034

Ion Ratio Lower Upper

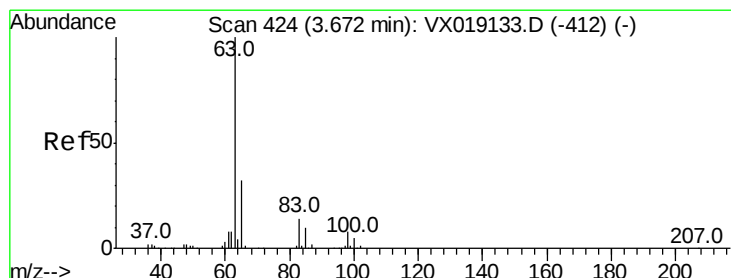
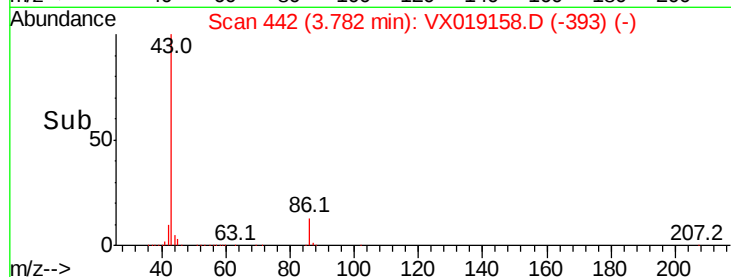
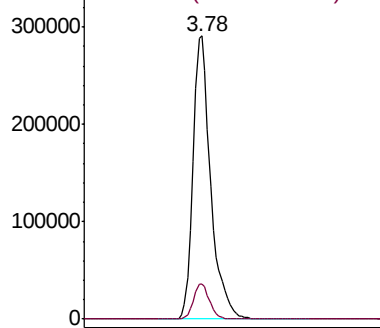
43 100

86 12.5 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.825 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

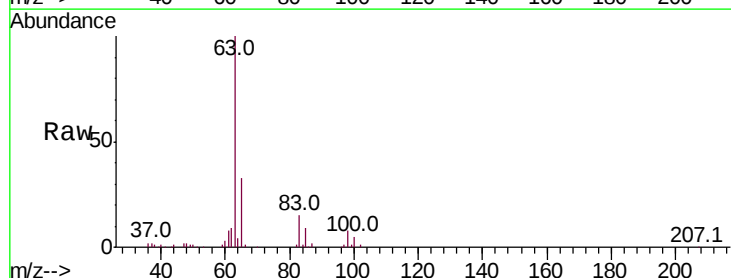
Tgt Ion: 63 Resp: 104618

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

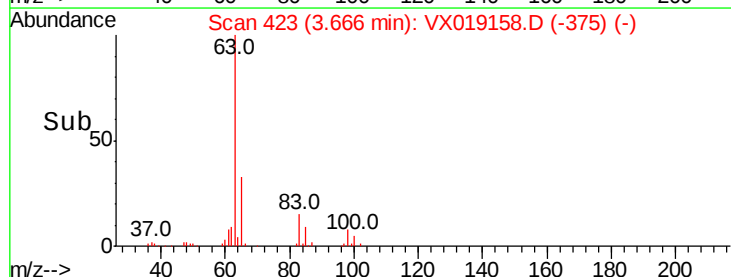
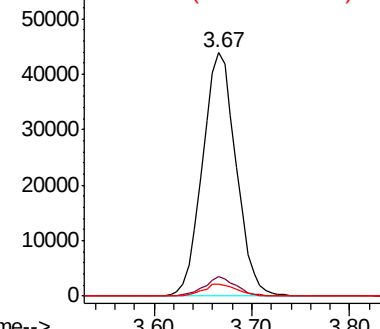
100 4.8 2.4 7.2

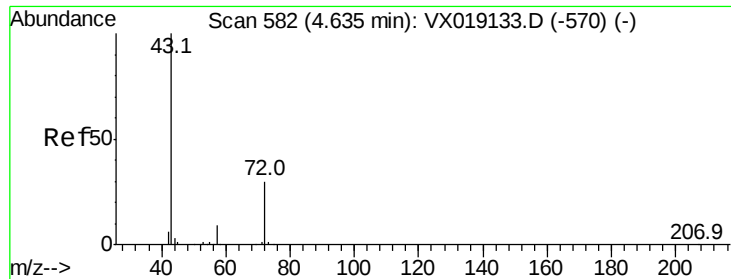


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.528 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

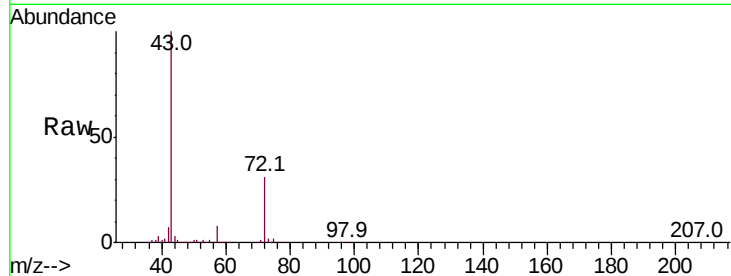
VX1028WBS01

Tot Ion: 43 Resp: 195462

Ion Ratio Lower Upper

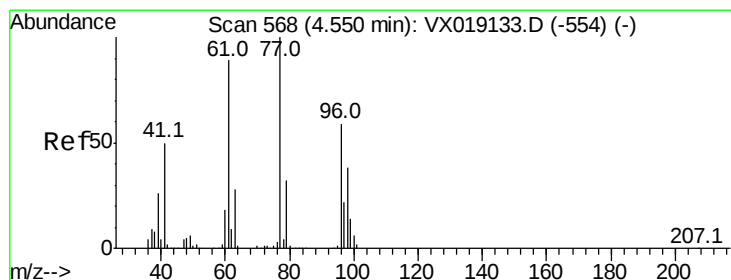
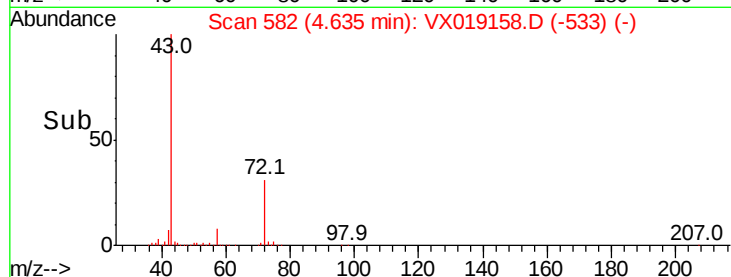
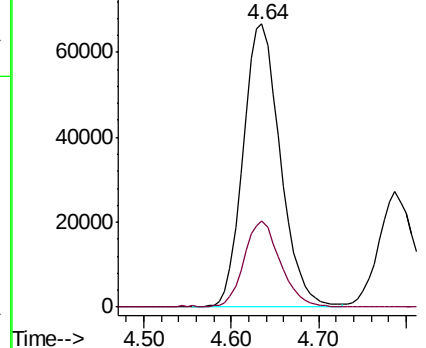
43 100

72 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.572 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019158.D

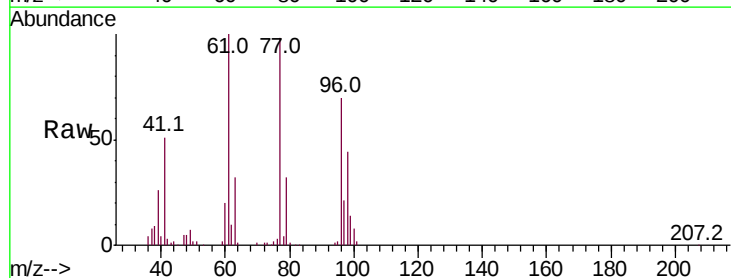
Acq: 28 Oct 2020 12:15

Tgt Ion: 77 Resp: 97097

Ion Ratio Lower Upper

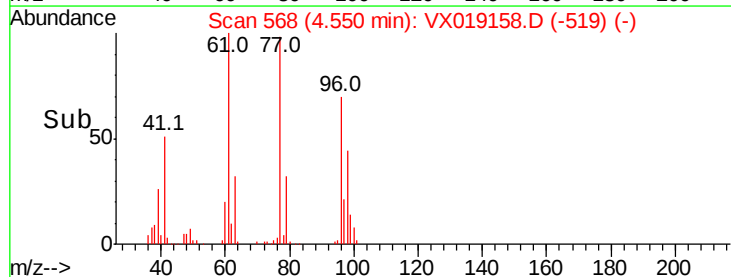
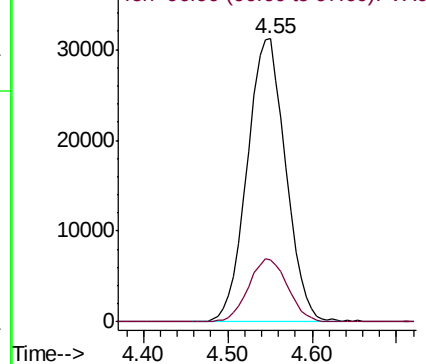
77 100

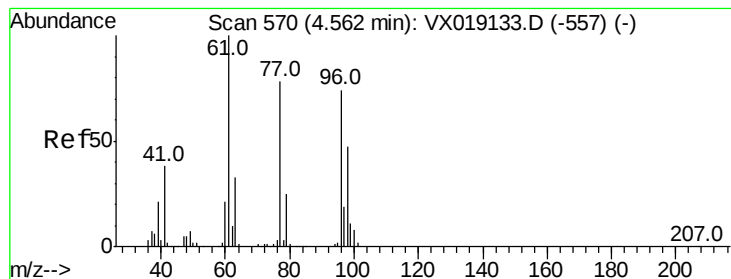
97 22.6 11.4 34.1



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: 19.128 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

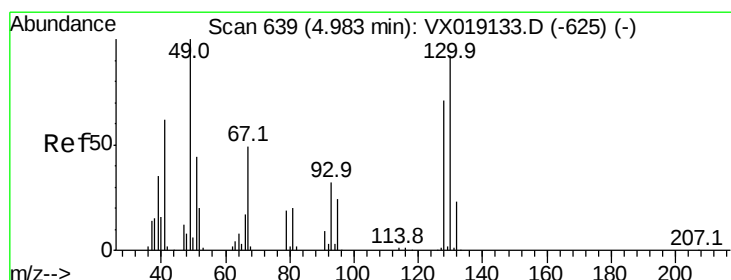
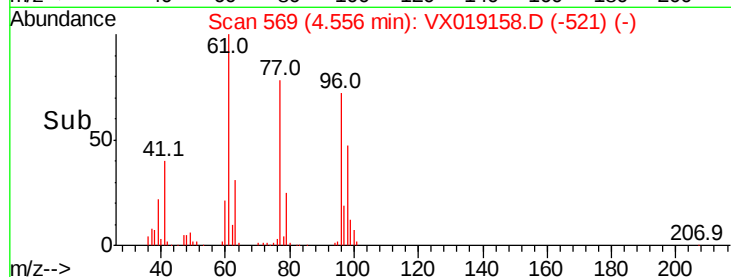
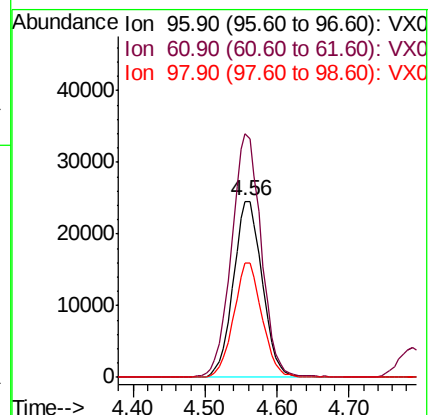
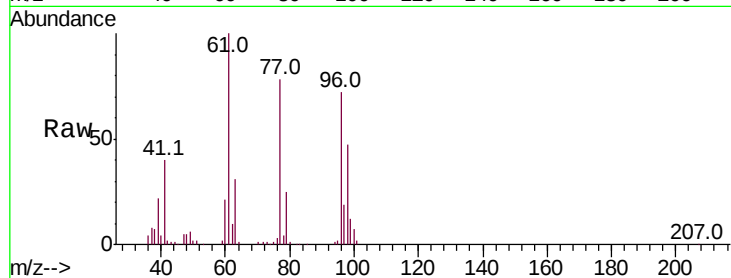
Tot Ion: 96 Resp: 68858

Ion Ratio Lower Upper

96 100

61 142.0 0.0 278.8

98 63.5 0.0 130.2



#28

Bromochloromethane

Concen: 20.698 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

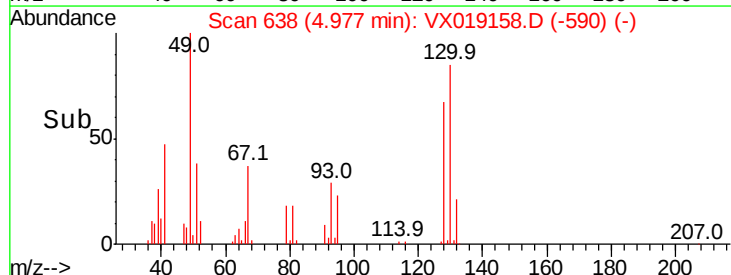
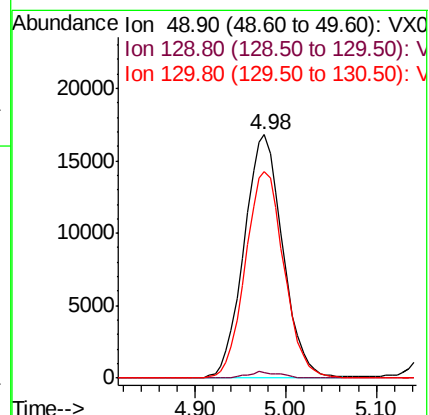
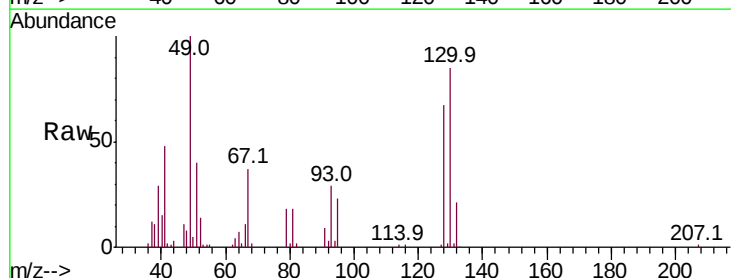
Tgt Ion: 49 Resp: 49655

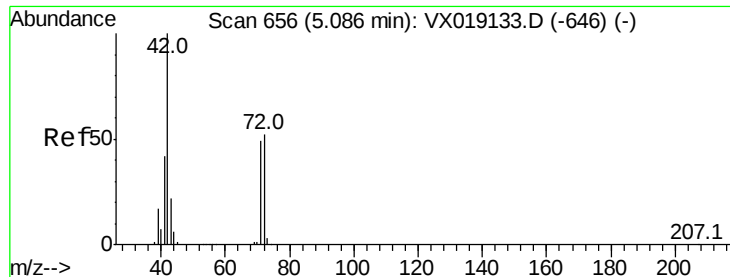
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 85.0 71.3 106.9

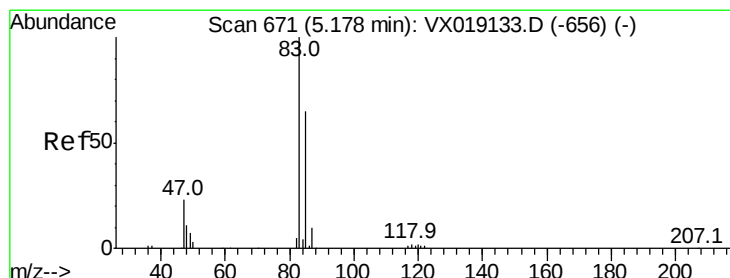
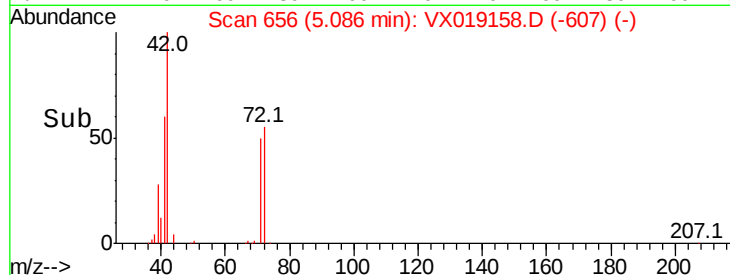
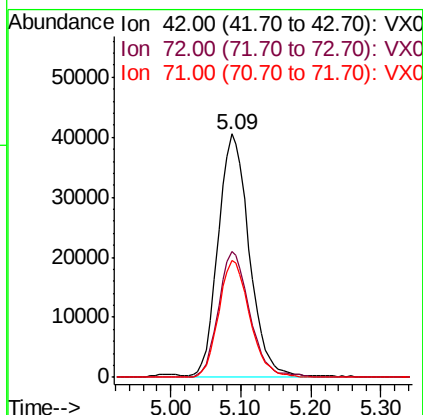
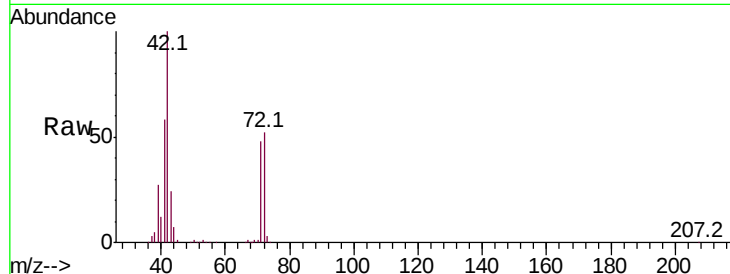




#29
Tetrahydrofuran
Concen: 97.567 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

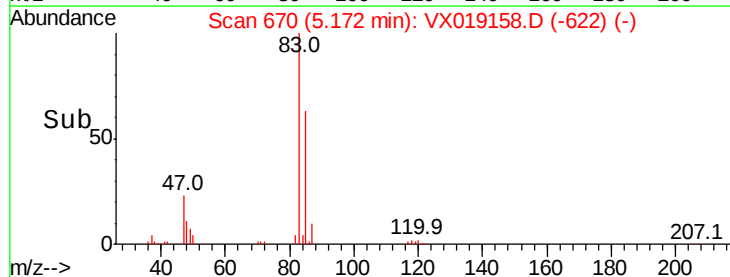
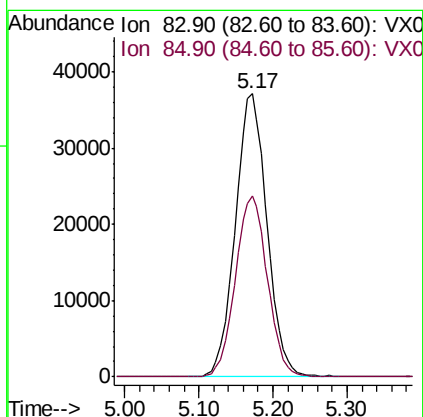
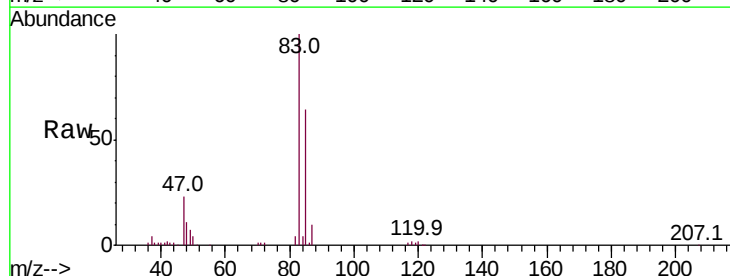
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

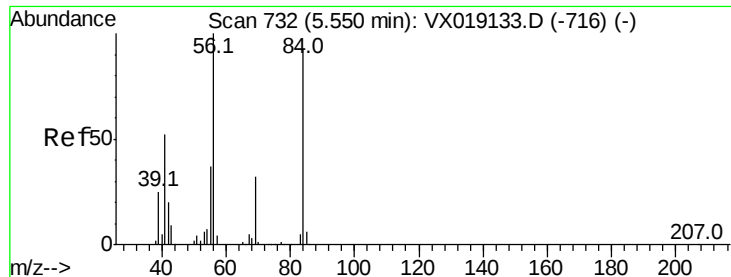
Tot Ion: 42 Resp: 124505
Ion Ratio Lower Upper
42 100
72 52.7 42.6 63.8
71 48.4 39.7 59.5



#30
Chloroform
Concen: 19.690 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 83 Resp: 110601
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9

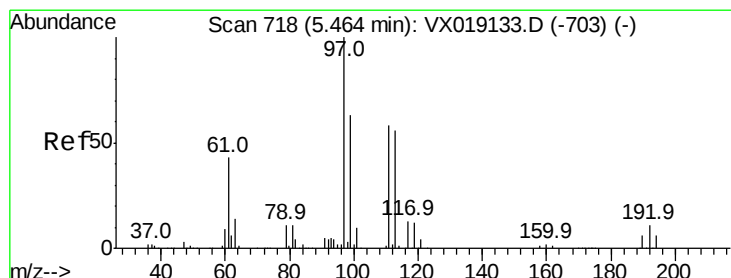
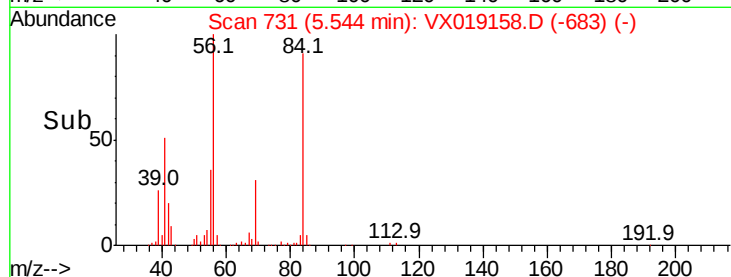
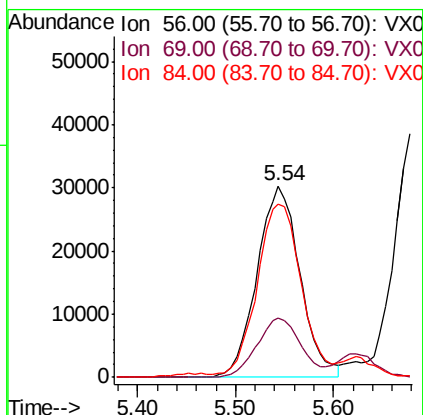
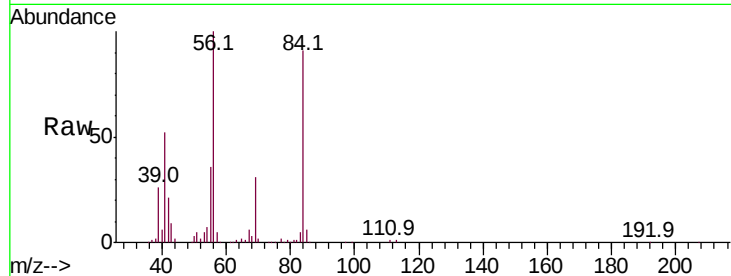




#31
Cyclohexane
Concen: 19.633 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

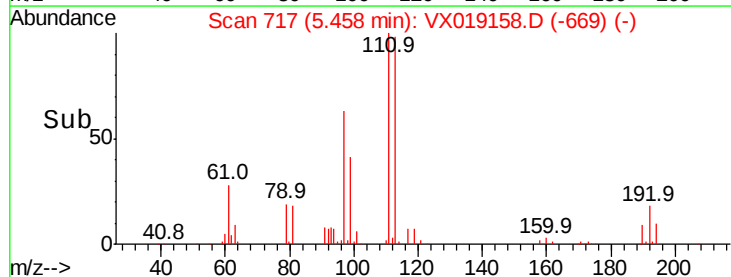
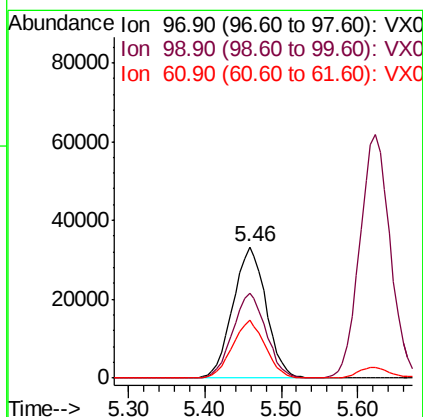
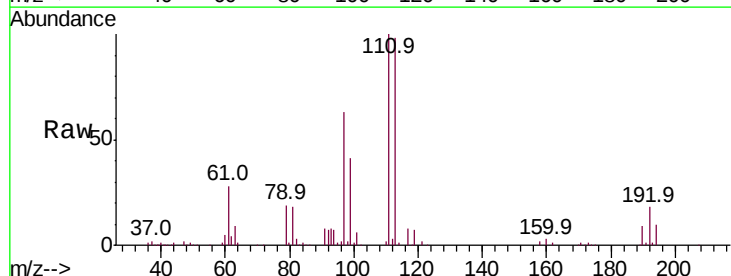
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

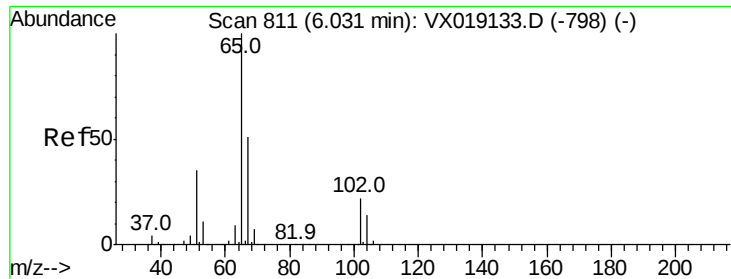
Tot Ion: 56 Resp: 92428
Ion Ratio Lower Upper
56 100
69 31.0 25.9 38.9
84 88.8 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 19.594 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 97 Resp: 99786
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 43.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.255 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

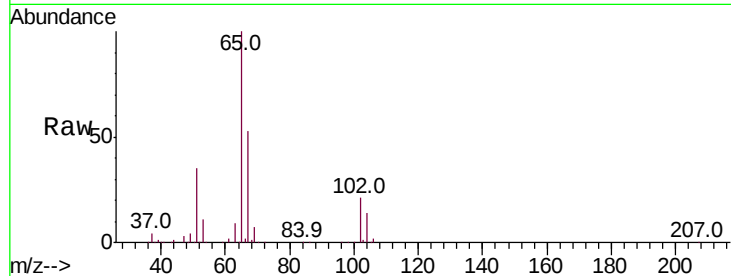
VX1028WBS01

Tot Ion: 65 Resp: 183445

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



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

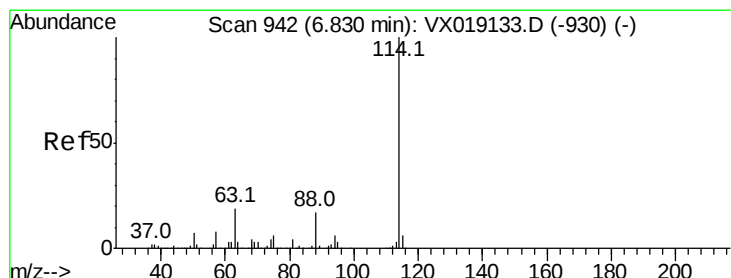
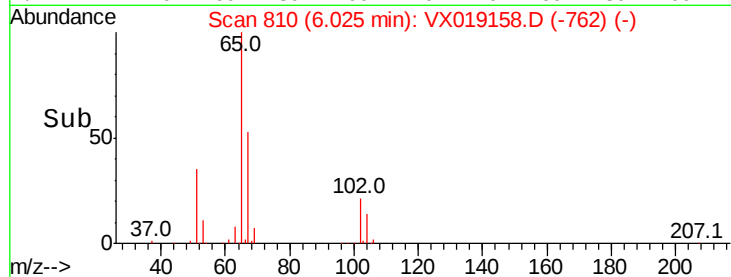
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

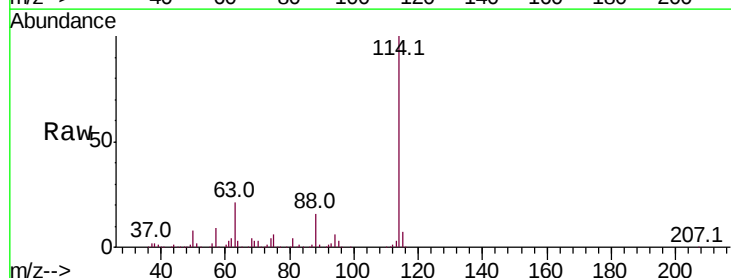
Tgt Ion:114 Resp: 475573

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

88 16.3 0.0 34.2



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-->

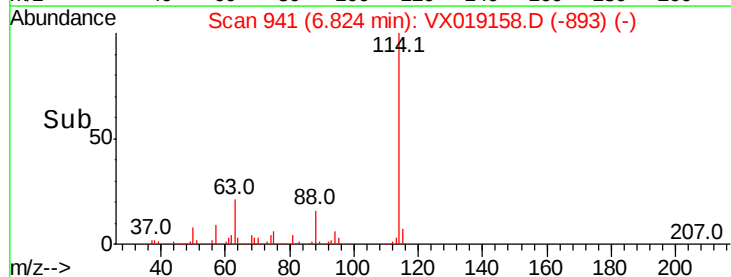
6.70

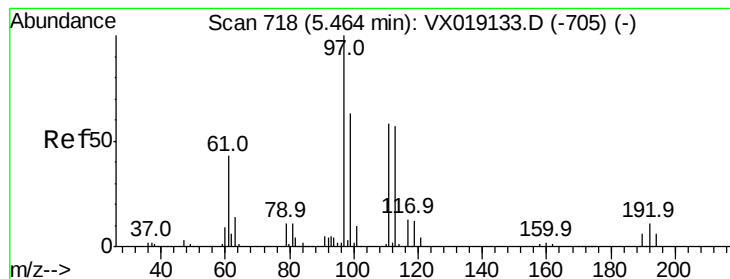
6.80

6.90

7.00

7.10





#35

Dibromofluoromethane

Concen: 49.345 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

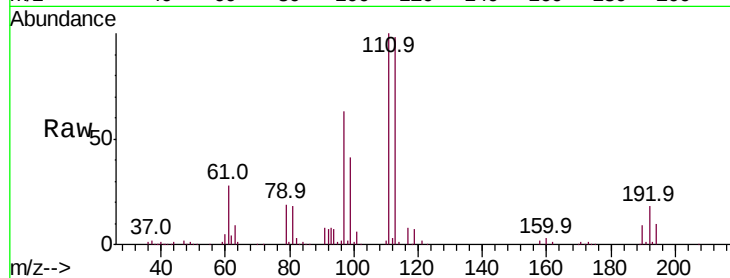
Tot Ion:113 Resp: 147405

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

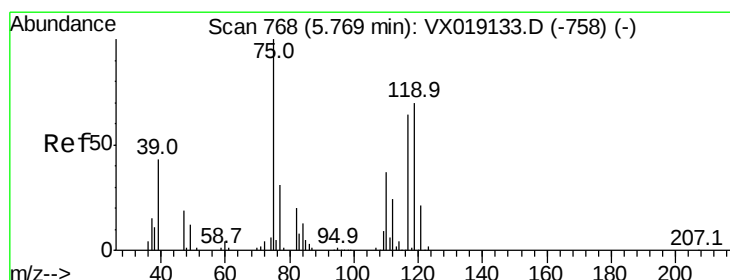
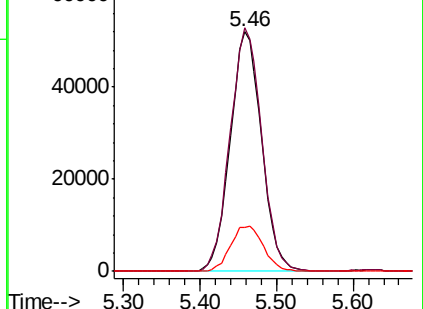
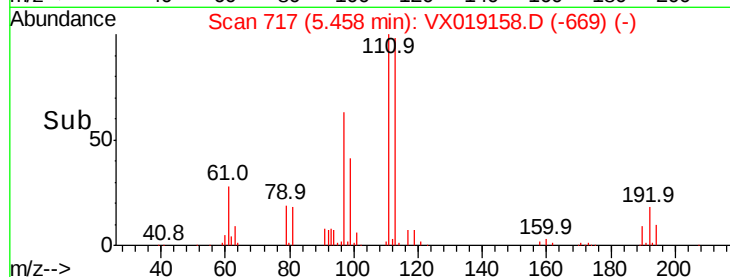
192 19.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.206 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

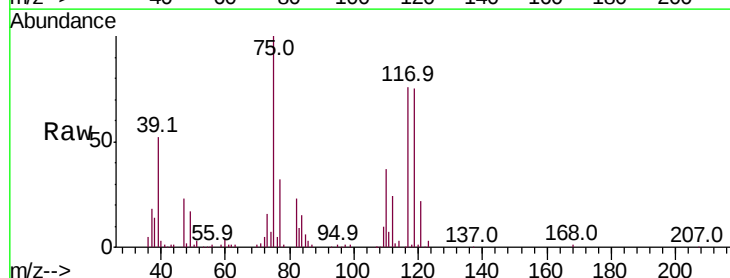
Tgt Ion: 75 Resp: 84346

Ion Ratio Lower Upper

75 100

110 35.5 18.3 54.9

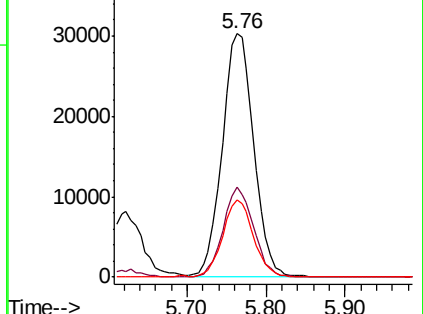
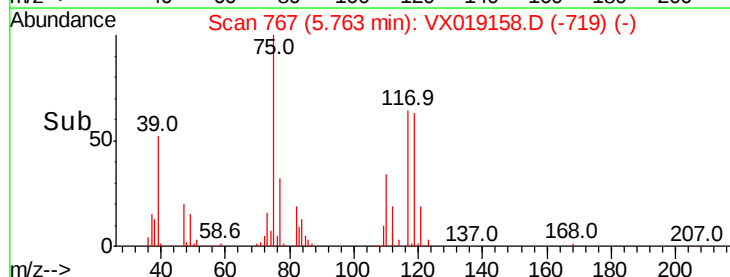
77 31.2 24.9 37.3

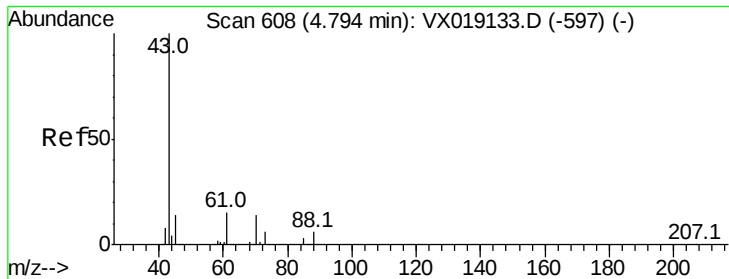


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

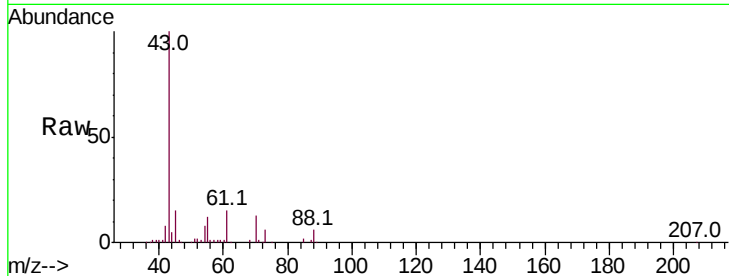




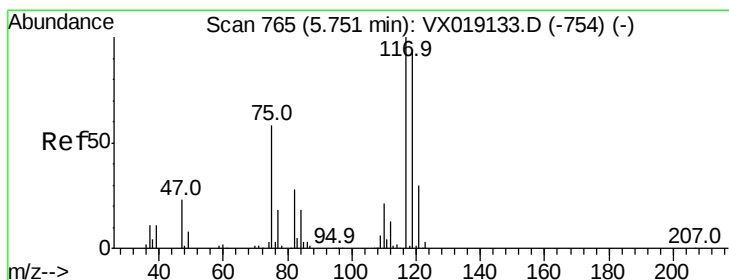
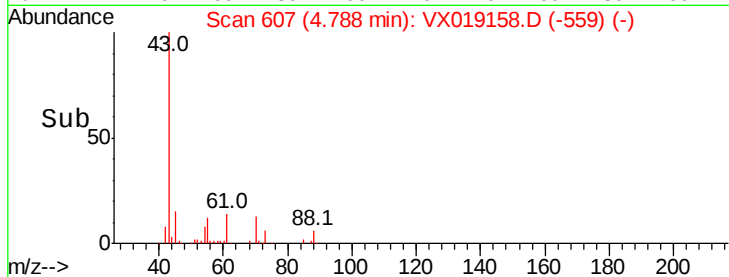
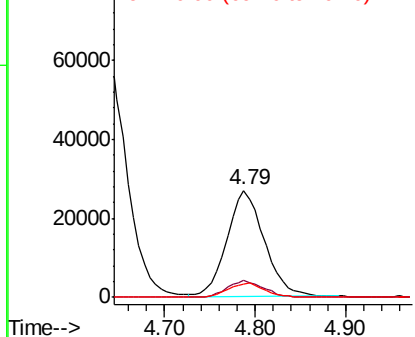
#37
Ethyl Acetate
Concen: 18.821 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 43 Resp: 76742
Ion Ratio Lower Upper
43 100
61 15.9 12.5 18.7
70 13.2 10.5 15.7

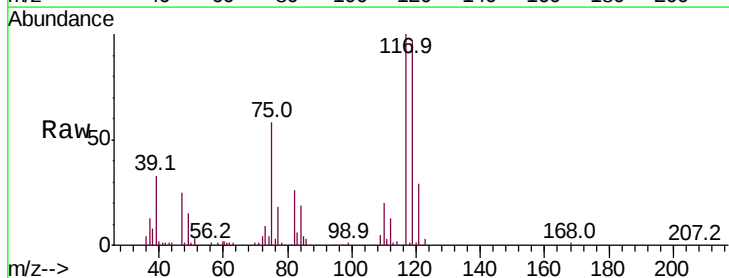


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

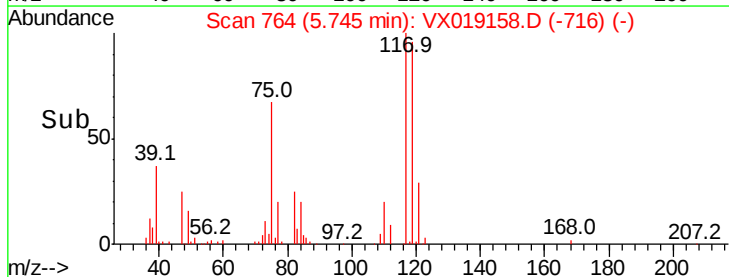
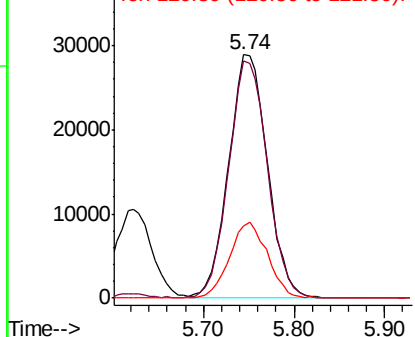


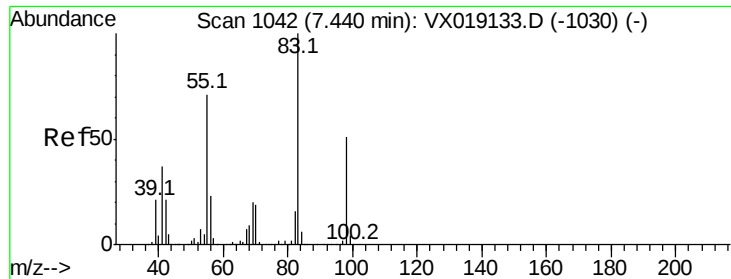
#38
Carbon Tetrachloride
Concen: 19.152 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 117 Resp: 85732
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.6
121 29.4 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

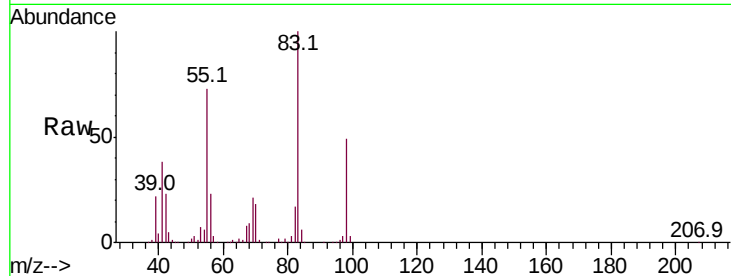




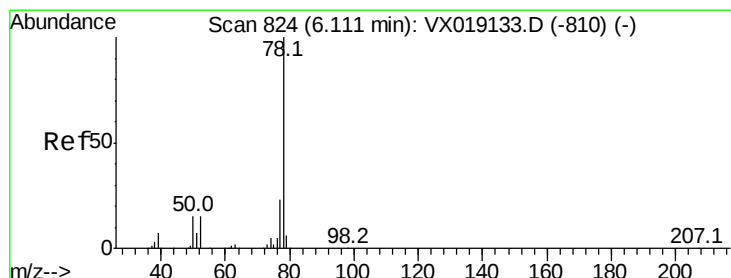
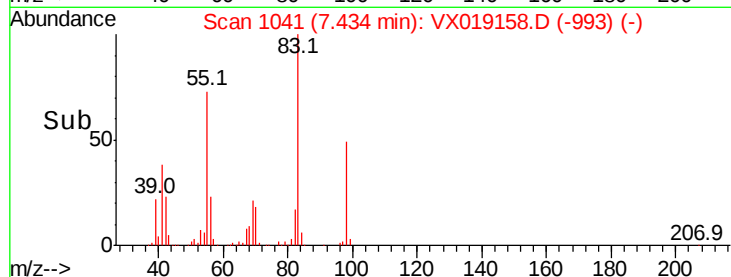
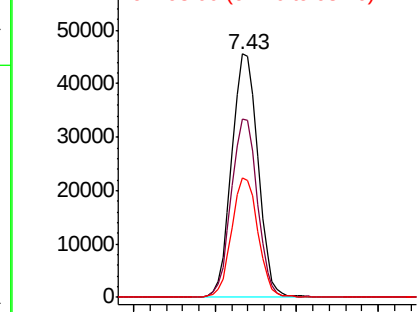
#39
Methvlcvclohexane
Concen: 19.378 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion: 83 Resp: 101755
Ion Ratio Lower Upper
83 100
55 72.9 57.0 85.6
98 49.3 40.5 60.7

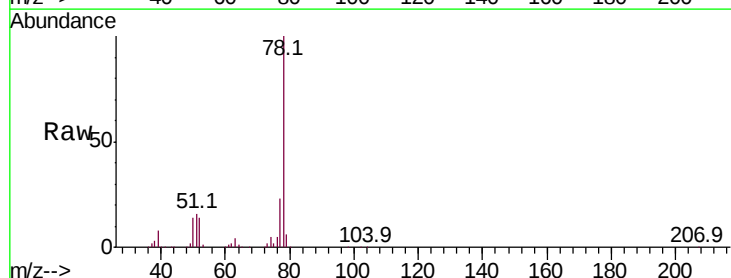


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

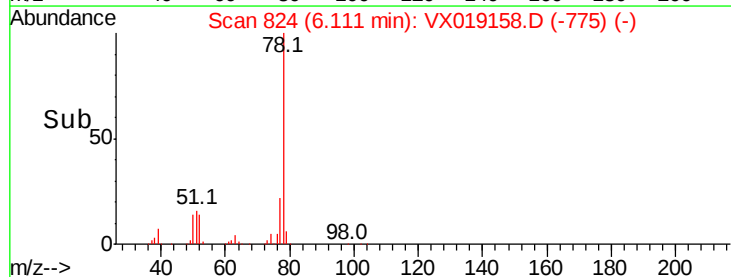
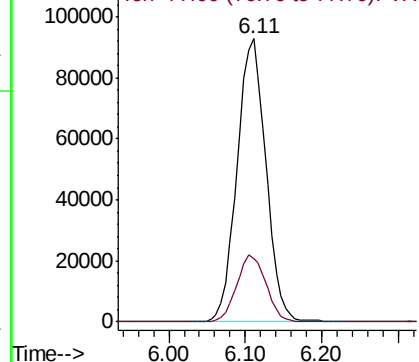


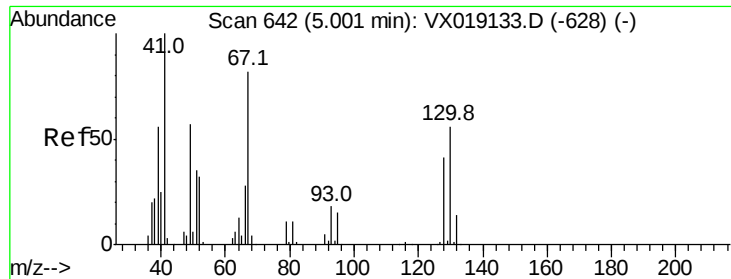
#40
Benzene
Concen: 19.535 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 78 Resp: 243244
Ion Ratio Lower Upper
78 100
77 22.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

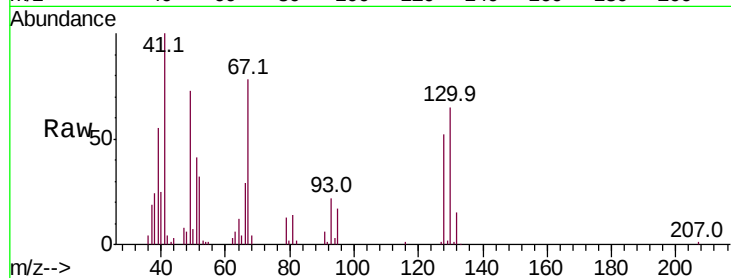




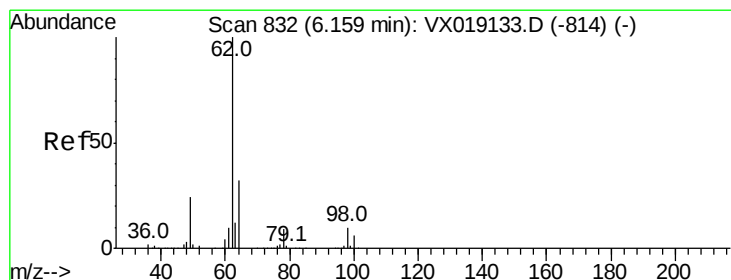
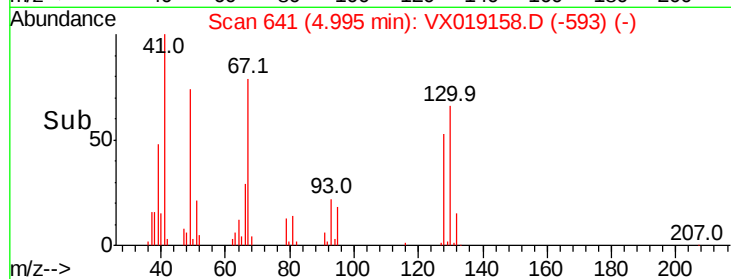
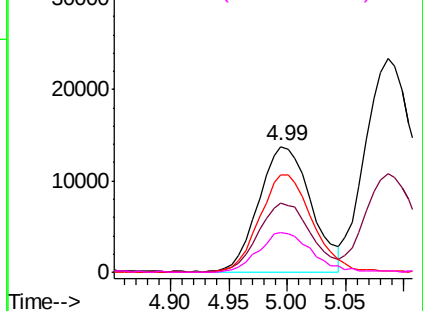
#41
Methacrylonitrile
Concen: 19.477 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

Tot Ion:	41	Resp:	42768
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.4	66.6
67	79.5	66.4	99.6
52	32.3	26.2	39.4

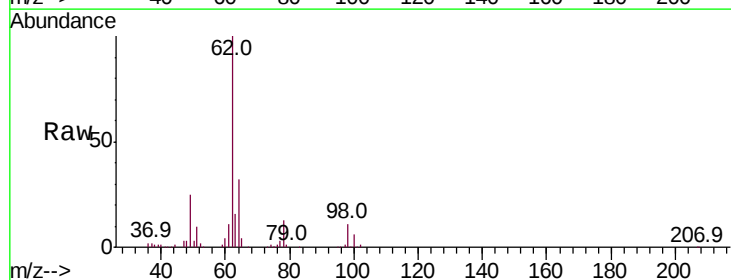


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

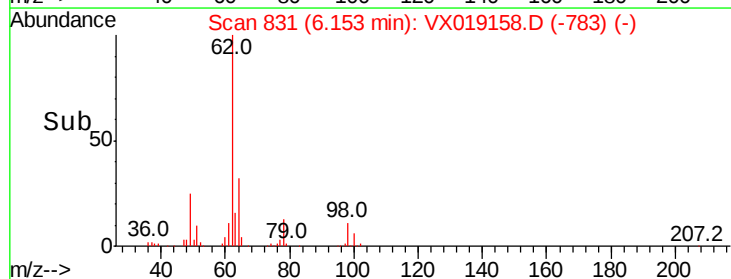
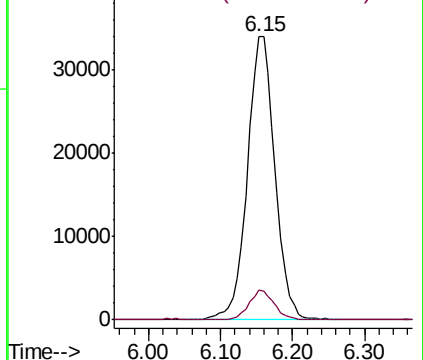


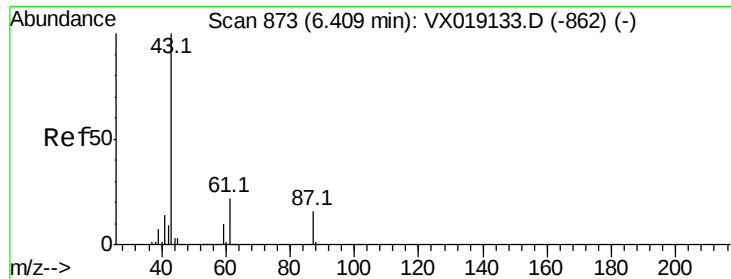
#42
1,2-Dichloroethane
Concen: 19.696 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion:	62	Resp:	90385
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



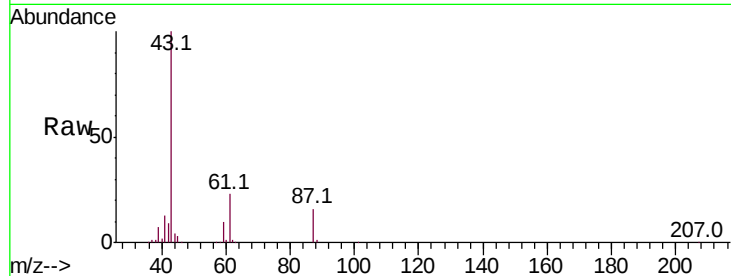


#43

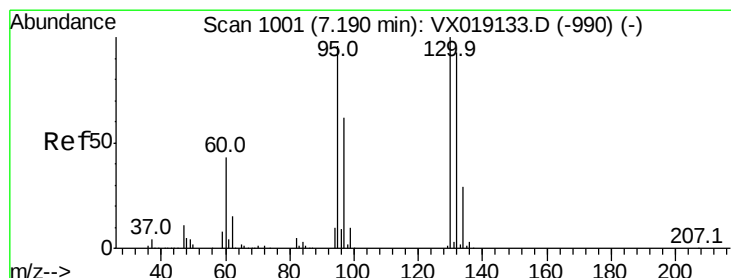
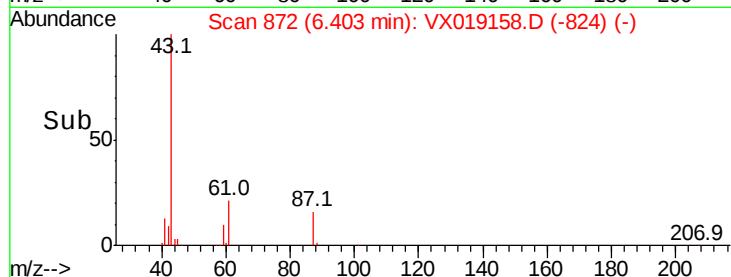
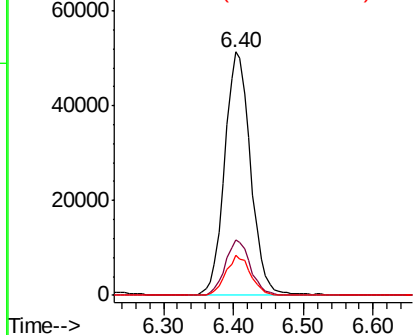
Isopropyl Acetate
 Concen: 19.290 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Tot Ion: 43 Resp: 131702
 Ion Ratio Lower Upper
 43 100
 61 22.1 17.8 26.6
 87 15.6 12.6 19.0



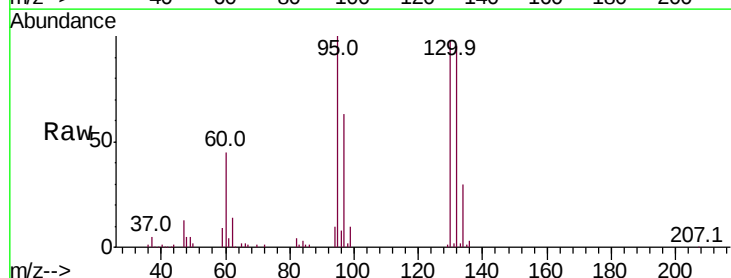
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



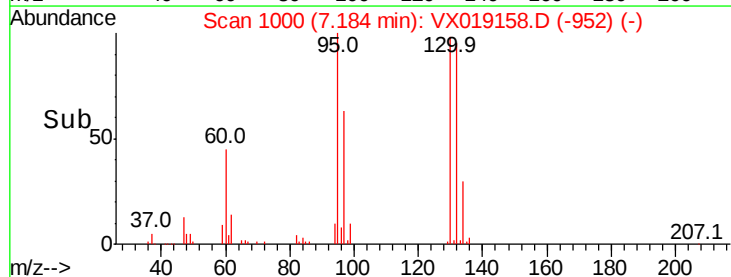
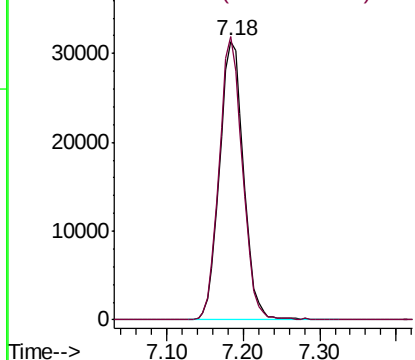
#44

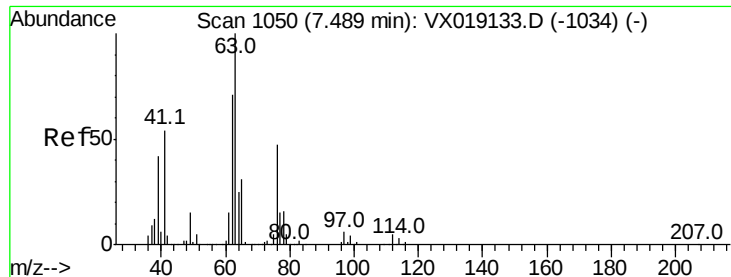
Trichloroethene
 Concen: 19.158 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion:130 Resp: 68319
 Ion Ratio Lower Upper
 130 100
 95 101.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.708 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

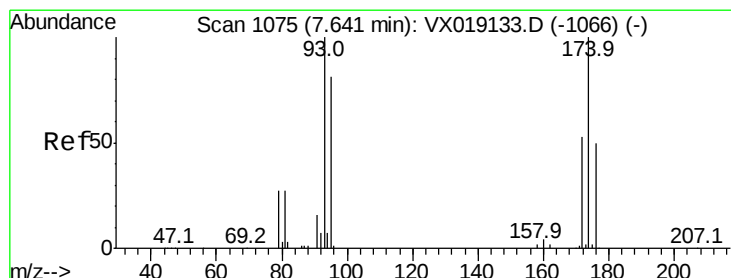
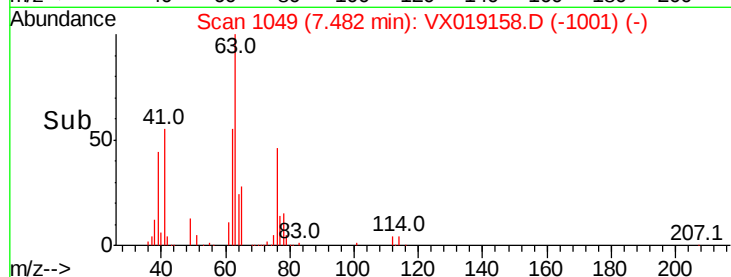
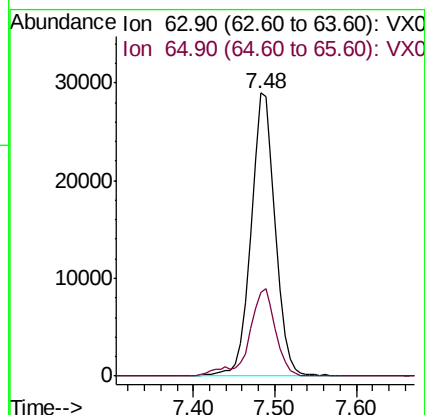
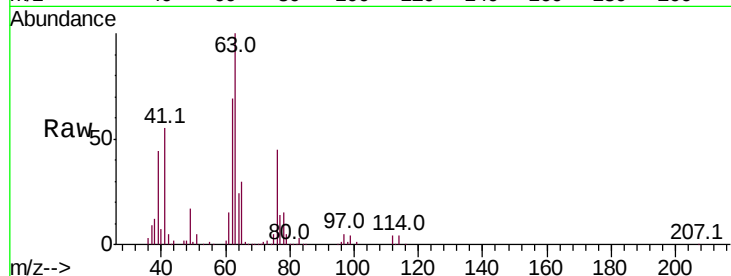
VX1028WBS01

Tot Ion: 63 Resp: 60104

Ion Ratio Lower Upper

63 100

65 29.6 25.2 37.8



#46

Dibromomethane

Concen: 18.983 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

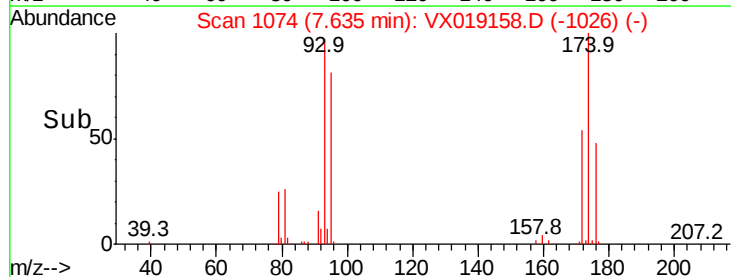
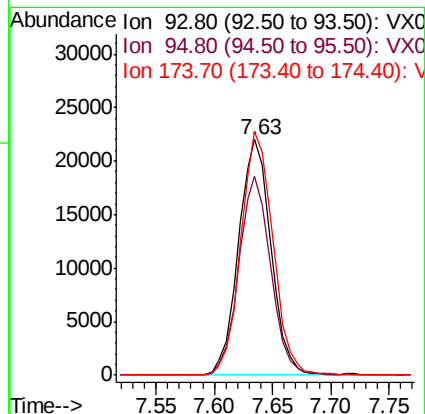
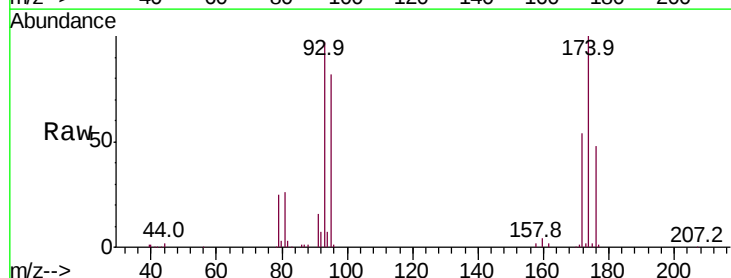
Tgt Ion: 93 Resp: 42811

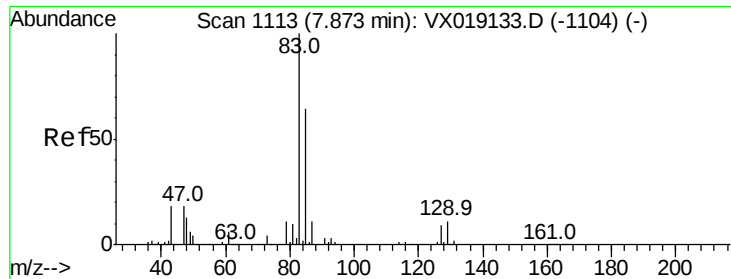
Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.6

174 102.3 81.7 122.5





#47

Bromodichloromethane

Concen: 19.459 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

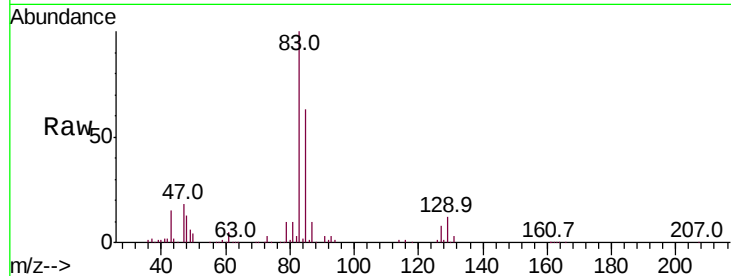
Tot Ion: 83 Resp: 86499

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

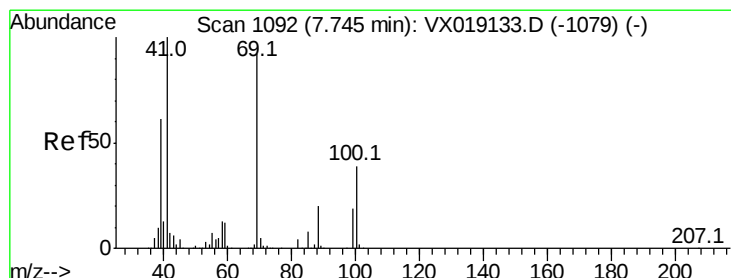
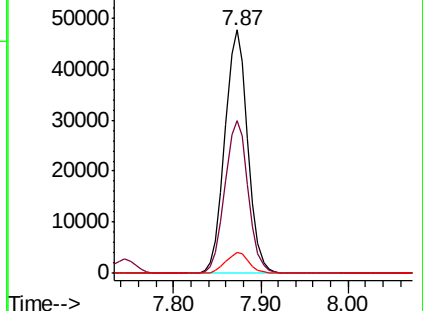
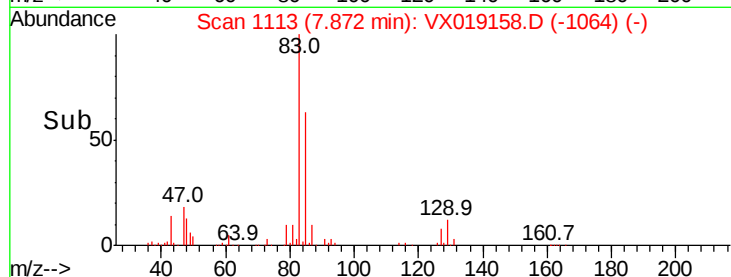
127 8.4 7.1 10.7



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: 19.168 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

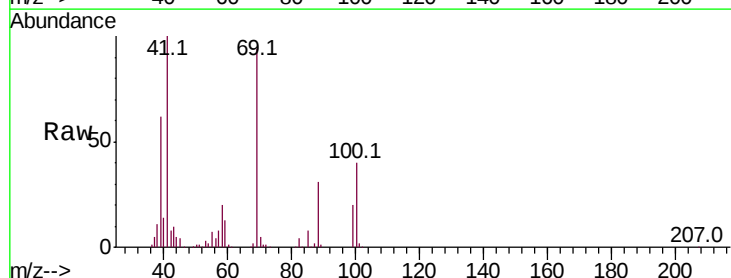
Tgt Ion: 41 Resp: 62988

Ion Ratio Lower Upper

41 100

69 93.8 75.5 113.3

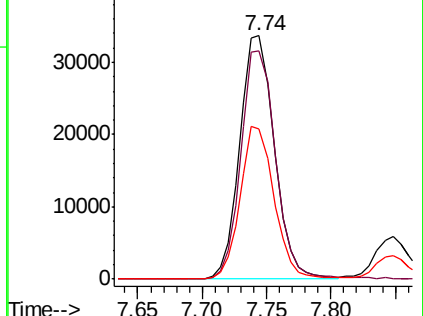
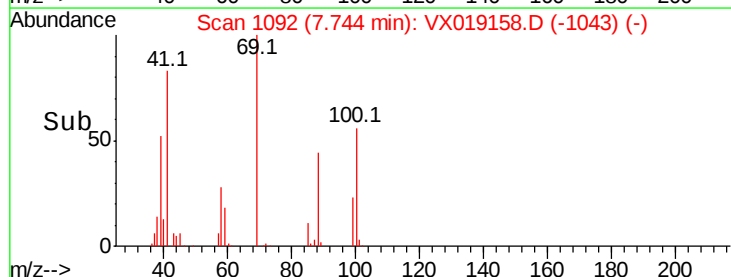
39 61.5 48.9 73.3

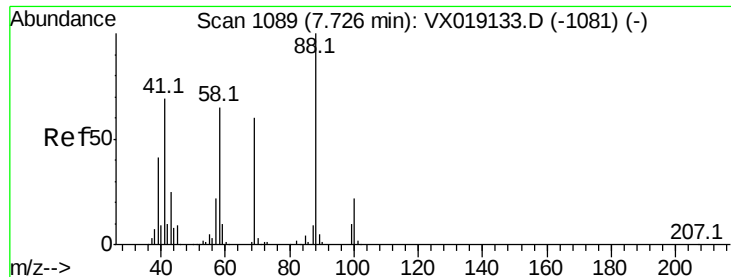


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

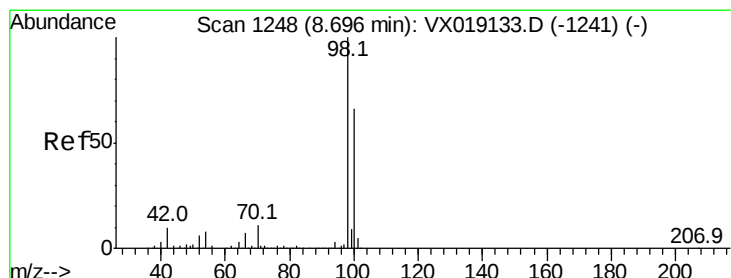
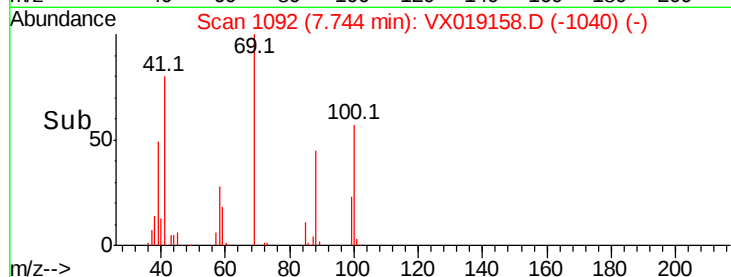
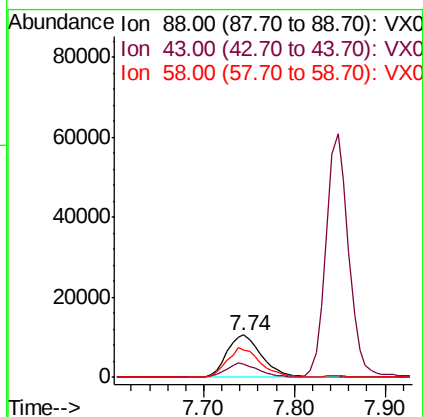
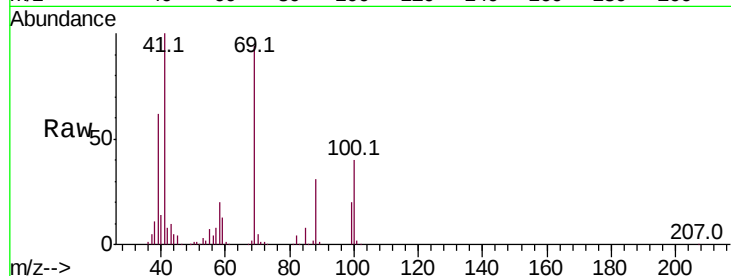




#49
1,4-Dioxane
Concen: 386.007 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.02 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

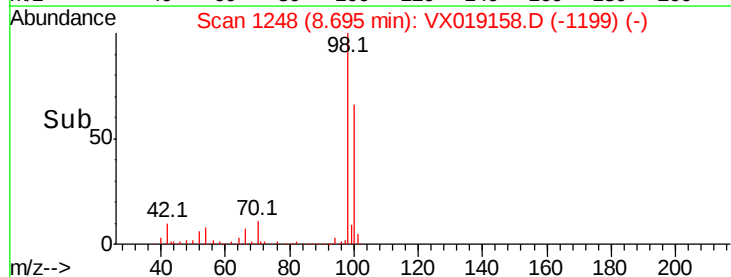
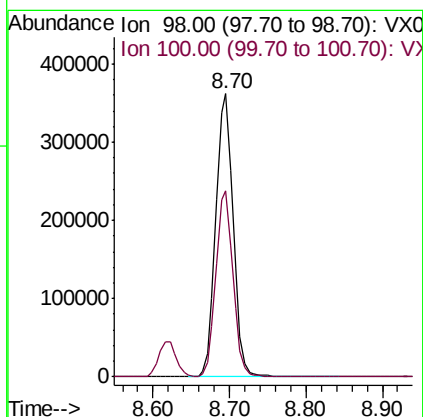
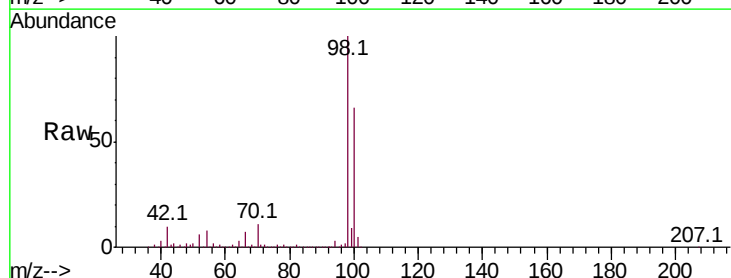
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

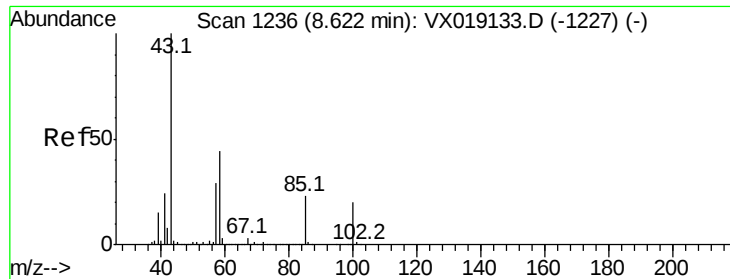
Tot Ion: 88 Resp: 28209
Ion Ratio Lower Upper
88 100
43 29.4 23.0 34.6
58 66.7 52.2 78.2



#50
Toluene-d8
Concen: 50.505 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 98 Resp: 568726
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6

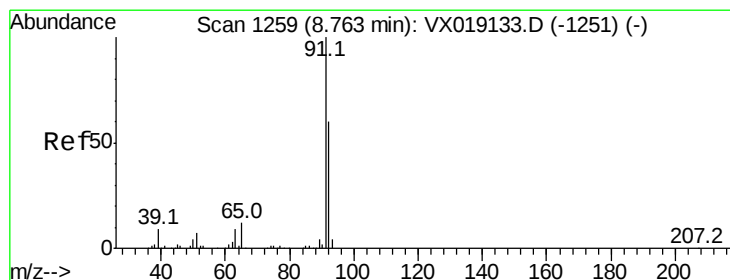
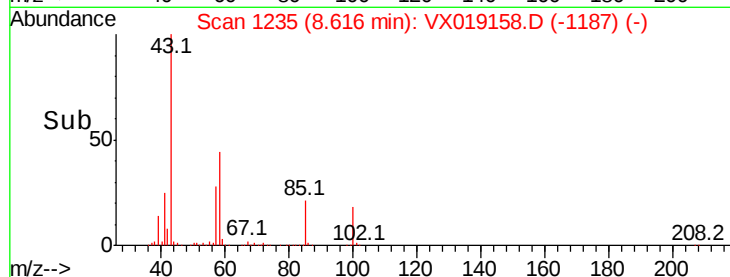
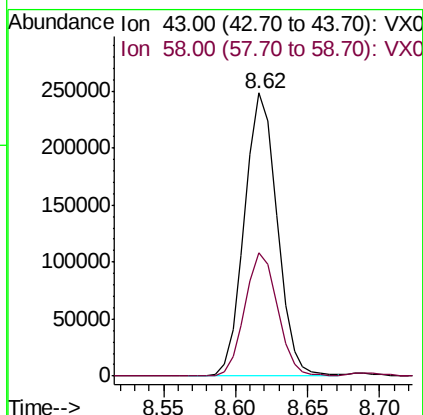
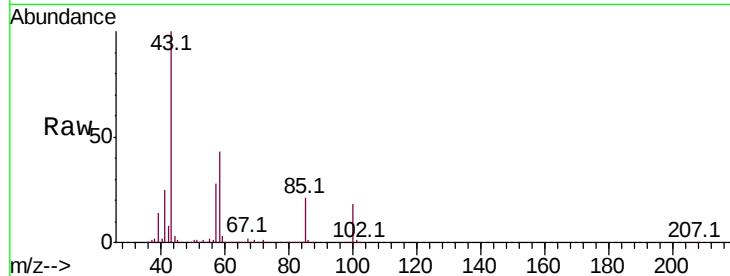




#51
4-Methyl-2-Pentanone
Concen: 99.414 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

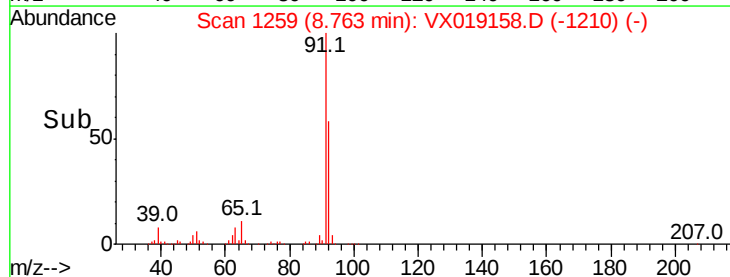
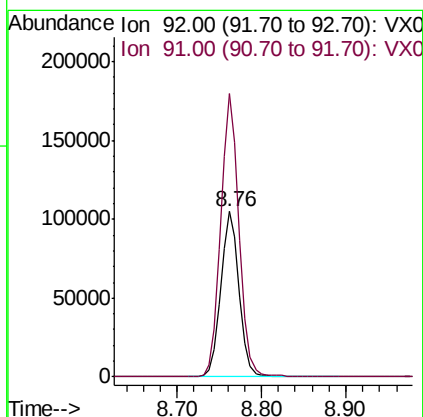
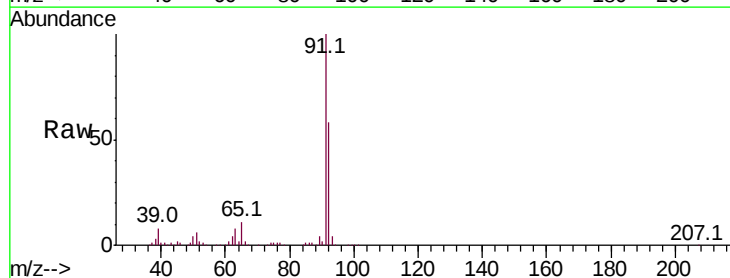
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

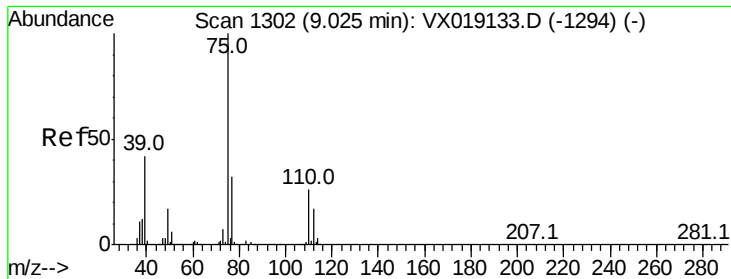
Tot Ion: 43 Resp: 390106
Ion Ratio Lower Upper
43 100
58 43.4 35.0 52.4



#52
Toluene
Concen: 19.646 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 92 Resp: 157548
Ion Ratio Lower Upper
92 100
91 171.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 18.592 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

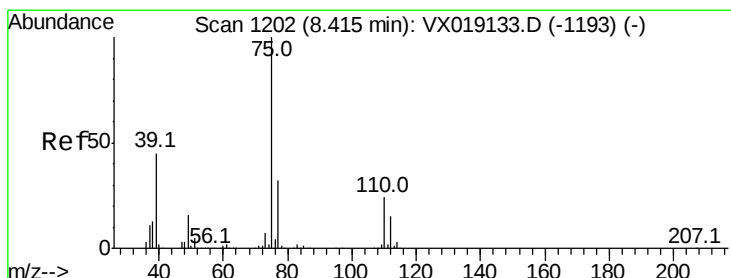
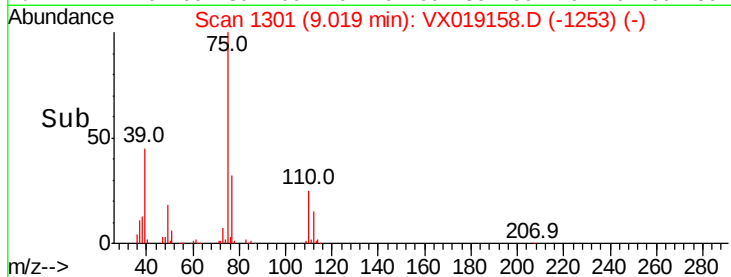
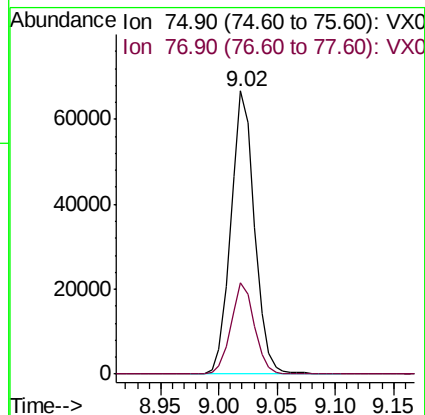
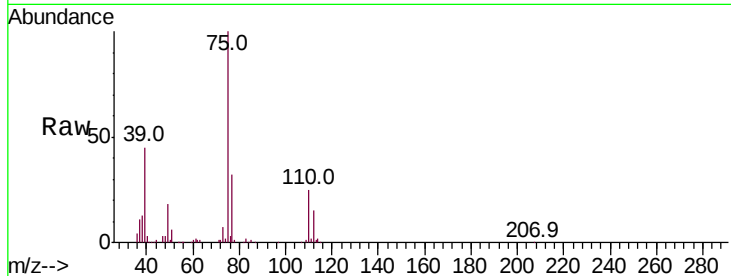
VX1028WBS01

Tot Ion: 75 Resp: 94396

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.106 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

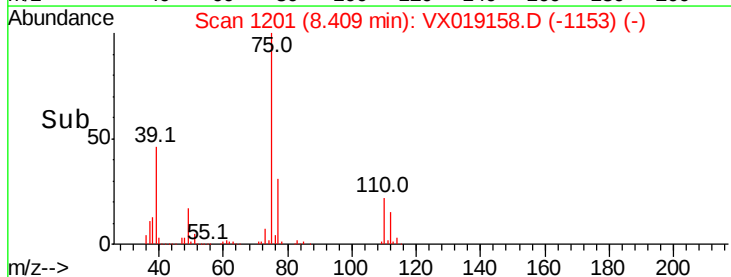
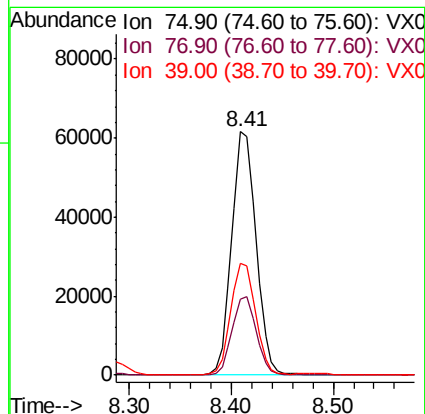
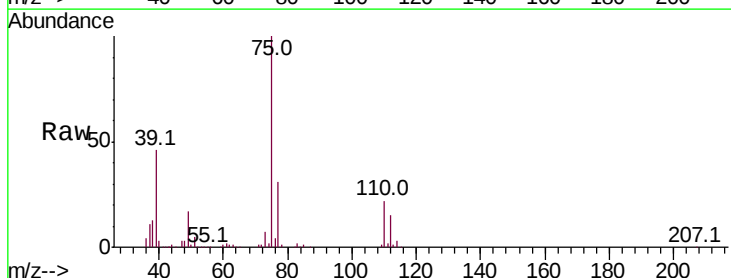
Tgt Ion: 75 Resp: 102005

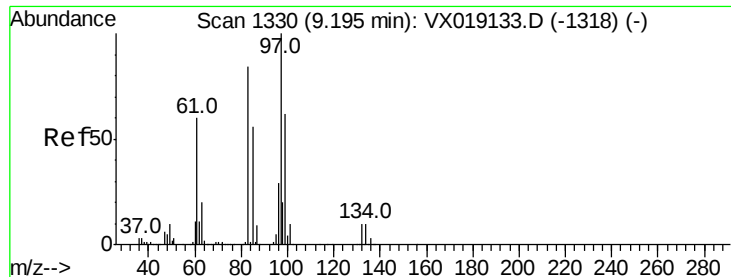
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 45.7 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 19.380 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

Tot Ion: 97 Resp: 61409

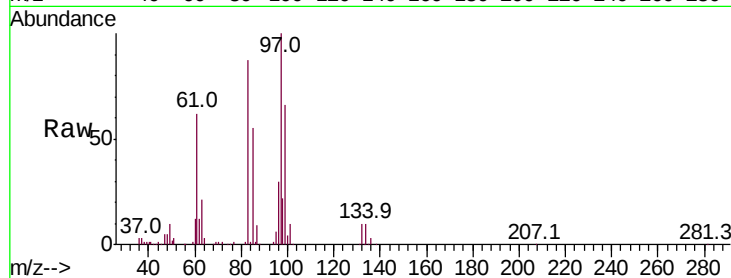
Ion Ratio Lower Upper

97 100

83 87.2 67.2 100.8

85 54.5 44.6 67.0

99 65.5 49.4 74.0

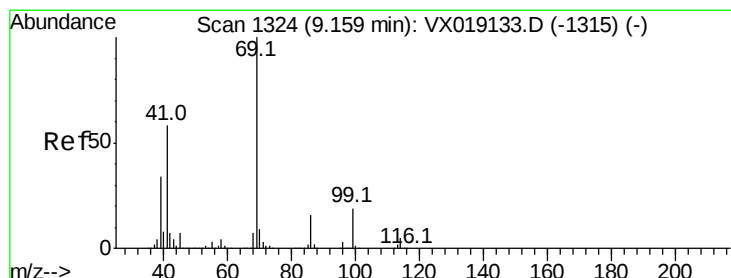
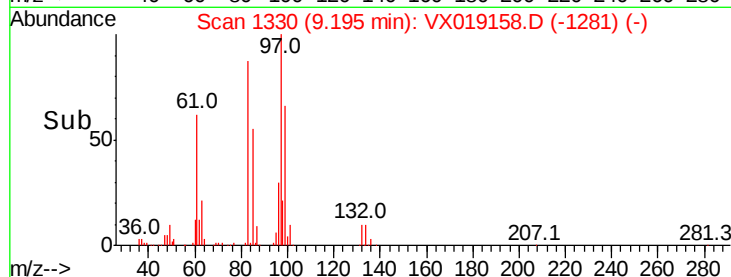
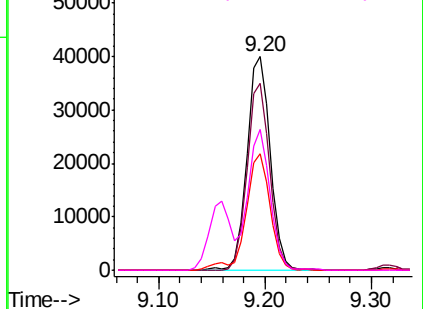


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.334 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

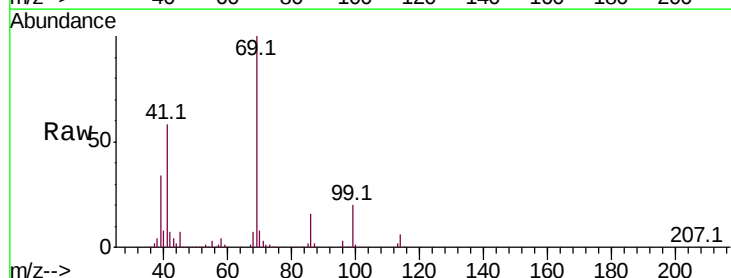
Tgt Ion: 69 Resp: 92535

Ion Ratio Lower Upper

69 100

41 61.1 46.5 69.7

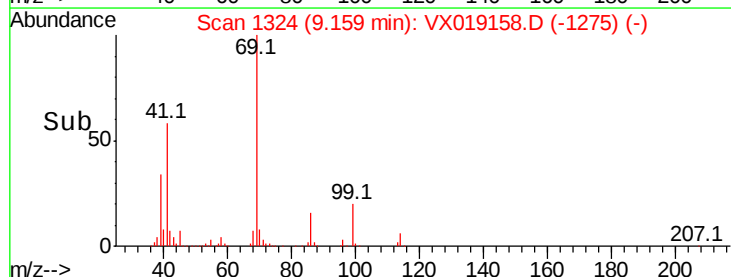
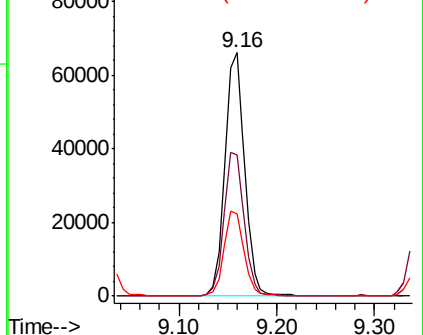
39 35.1 27.6 41.4

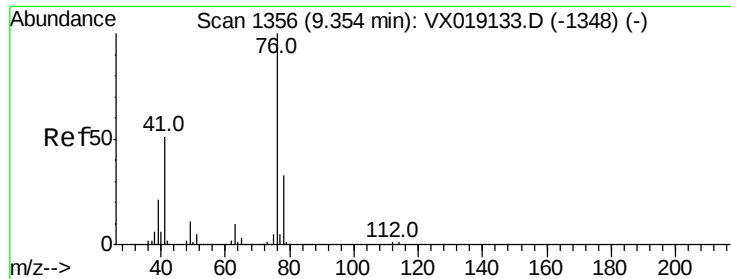


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.633 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

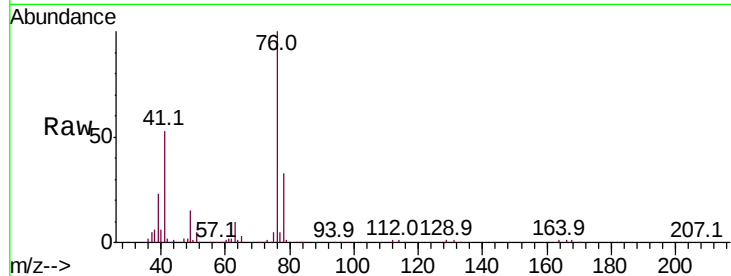
VX1028WBS01

Tot Ion: 76 Resp: 104883

Ion Ratio Lower Upper

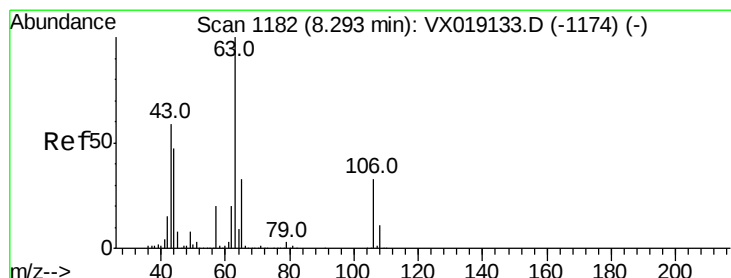
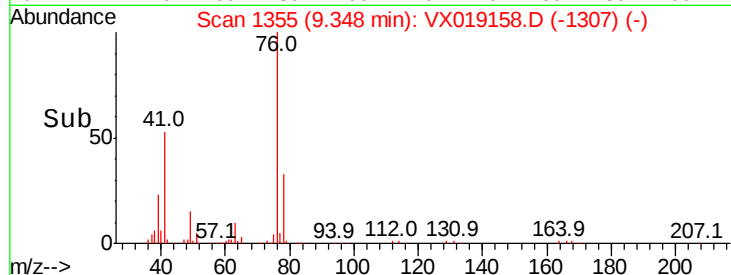
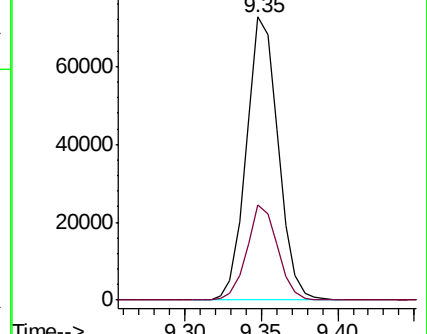
76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.063 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019158.D

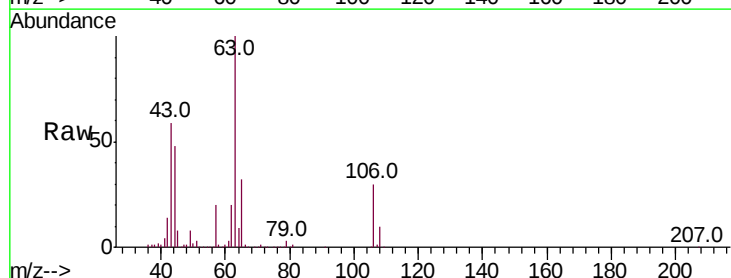
Acq: 28 Oct 2020 12:15

Tgt Ion: 63 Resp: 257128

Ion Ratio Lower Upper

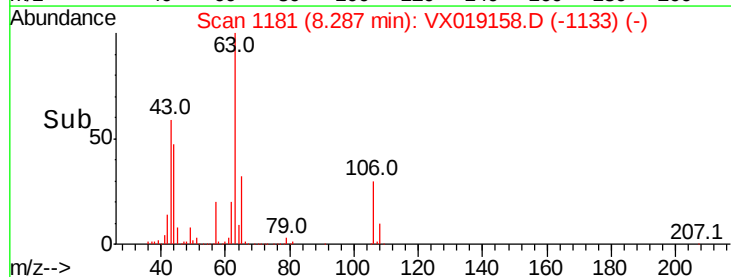
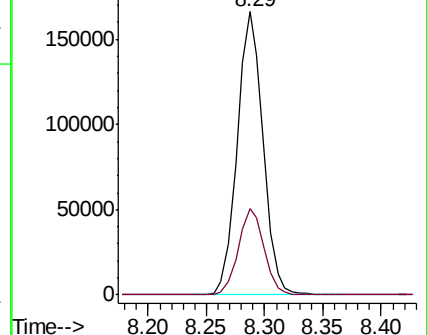
63 100

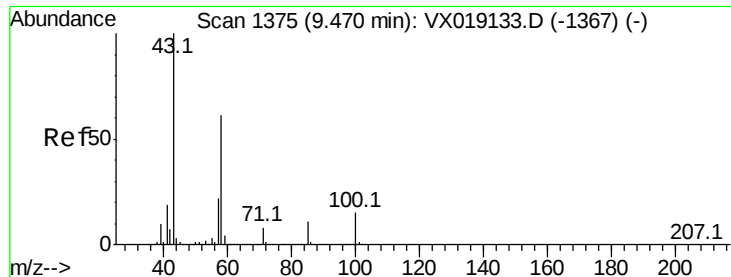
106 30.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

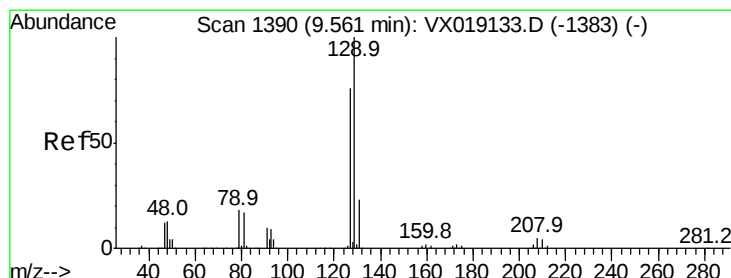
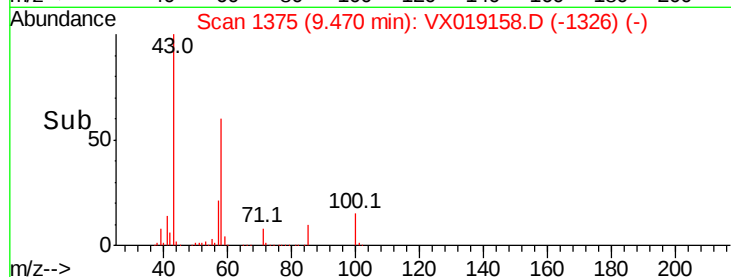
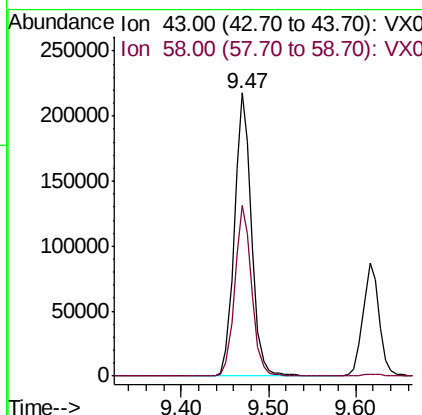
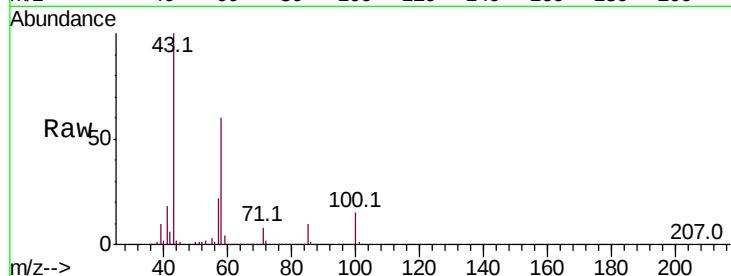




#59
2-Hexanone
Concen: 99.487 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

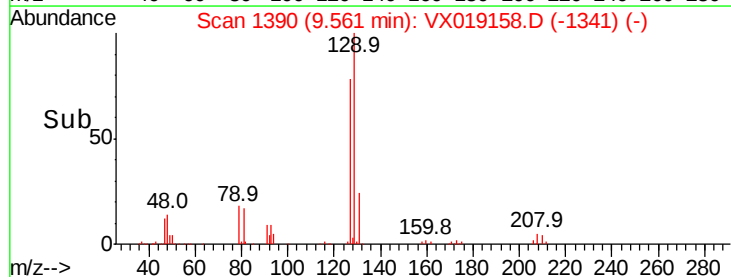
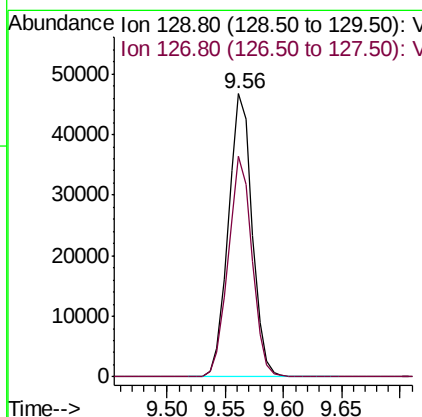
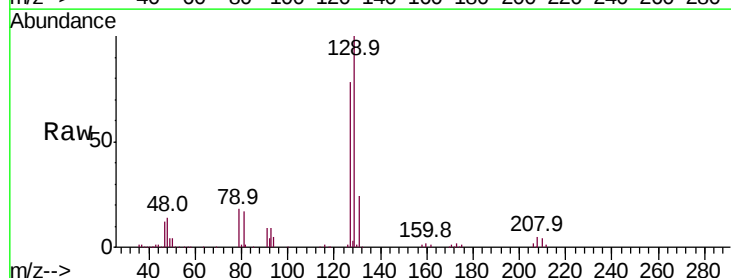
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

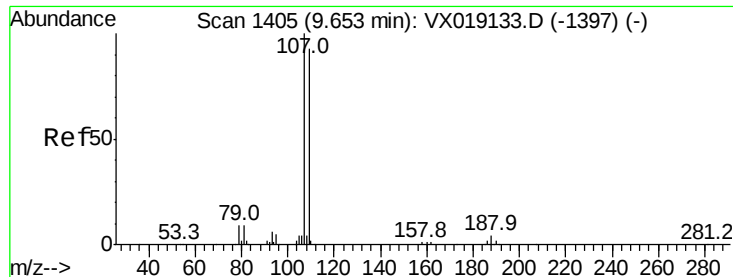
Tot Ion: 43 Resp: 297169
Ion Ratio Lower Upper
43 100
58 60.1 30.5 91.5



#60
Dibromochloromethane
Concen: 19.320 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 129 Resp: 66438
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.105 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampled :

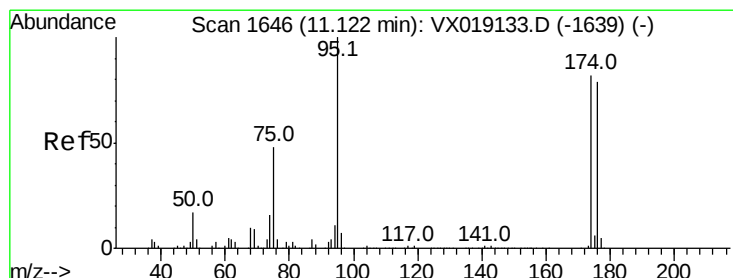
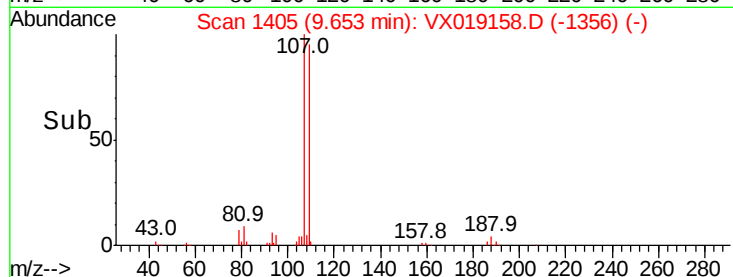
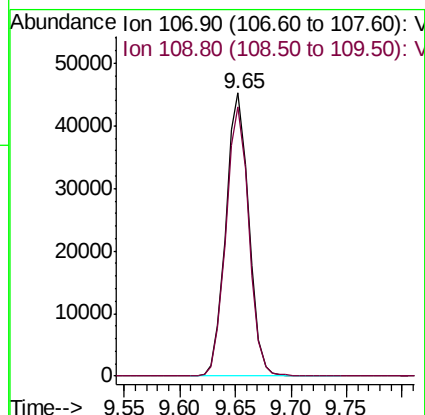
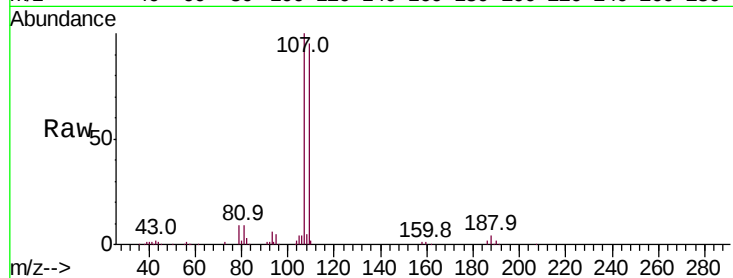
VX1028WBS01

Tot Ion:107 Resp: 64736

Ion Ratio Lower Upper

107 100

109 95.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 49.364 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

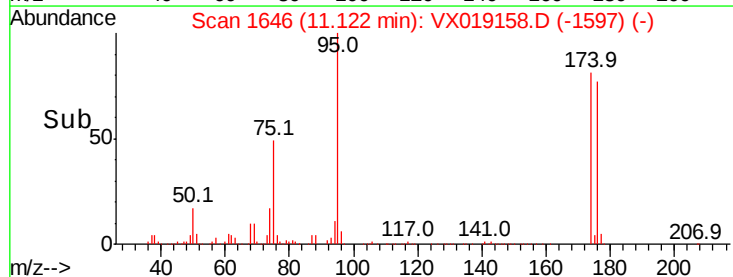
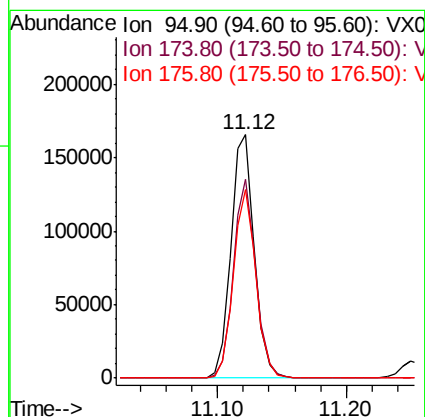
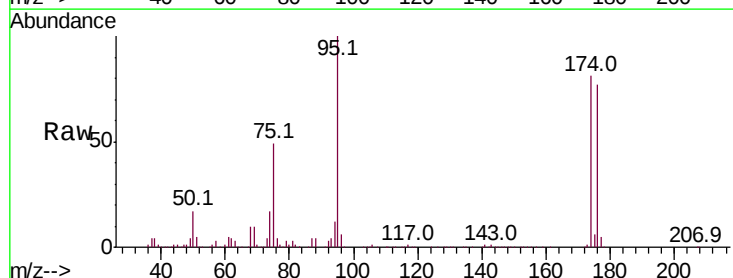
Tgt Ion: 95 Resp: 210516

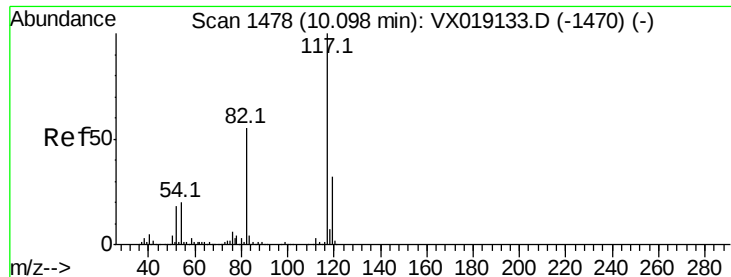
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.0

176 74.8 0.0 149.8

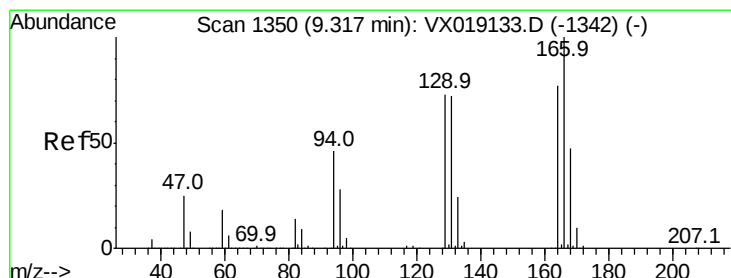
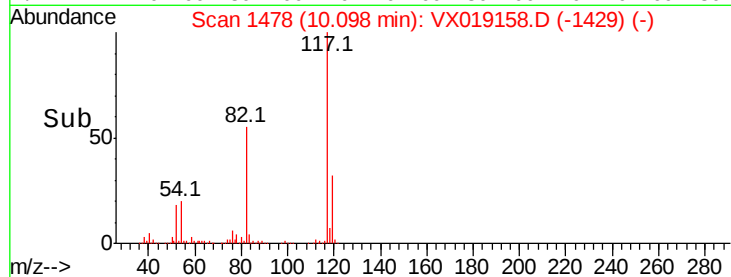
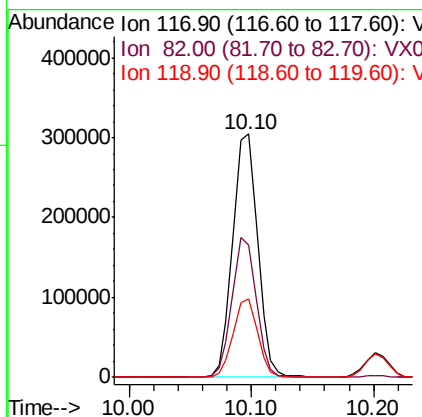
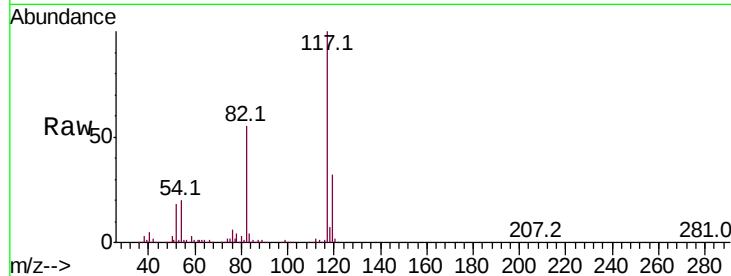




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

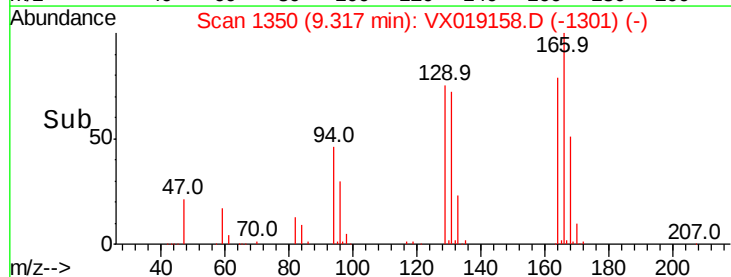
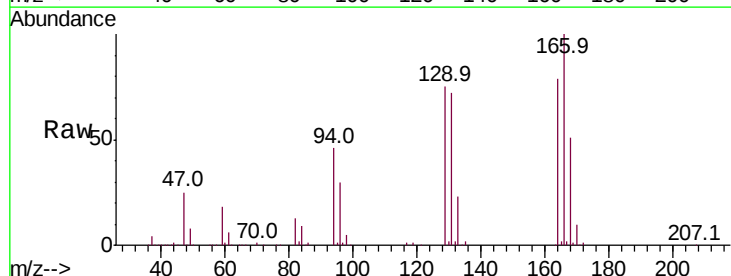
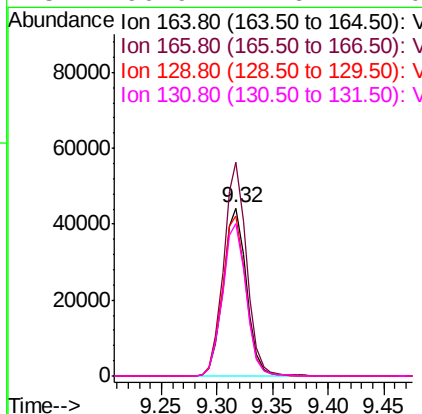
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

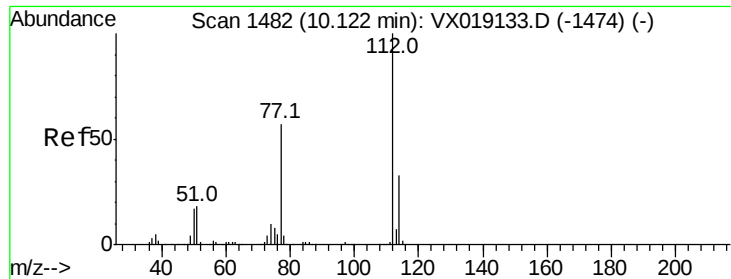
Tot Ion:117 Resp: 430660
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.435 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion:164 Resp: 63771
Ion Ratio Lower Upper
164 100
166 126.9 104.1 156.1
129 94.7 76.2 114.4
131 90.9 74.6 112.0

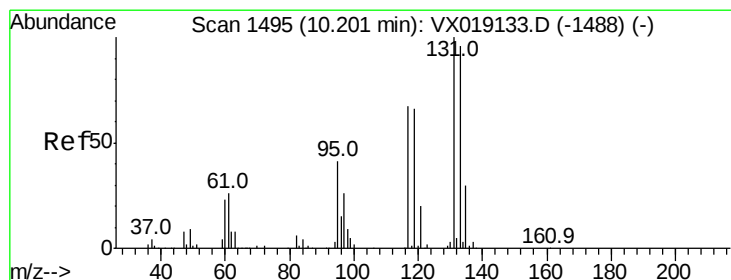
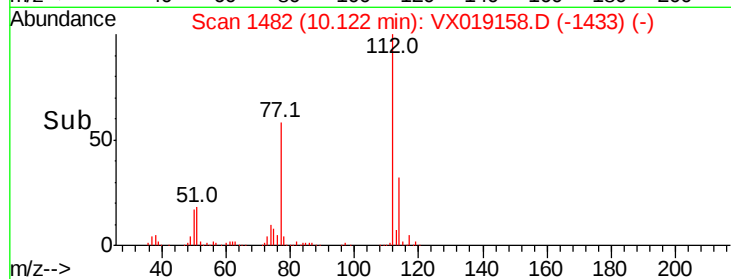
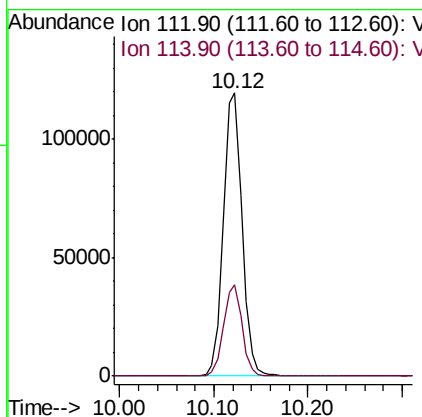
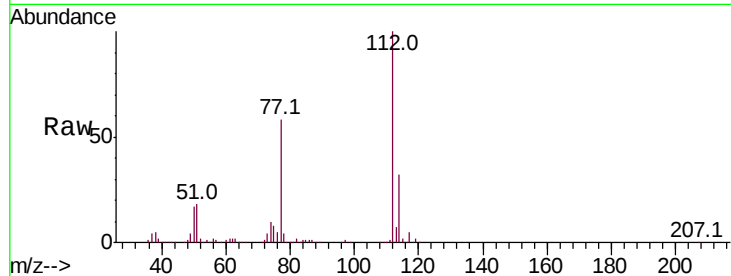




#65
Chlorobenzene
Concen: 18.666 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

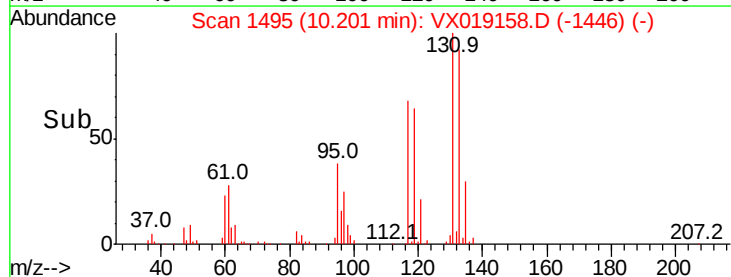
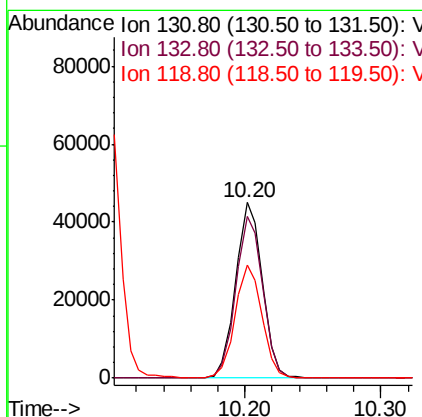
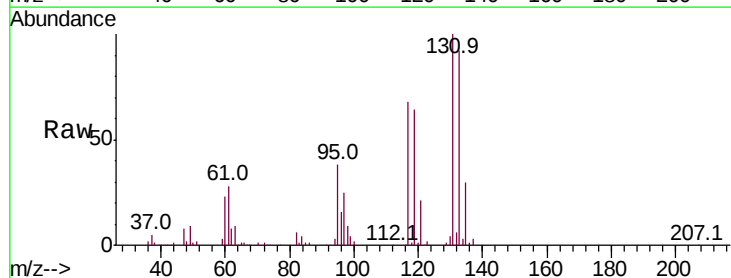
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

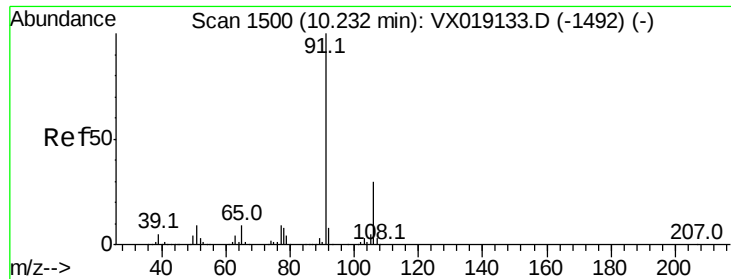
Tot Ion:112 Resp: 164303
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.332 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion:131 Resp: 61260
Ion Ratio Lower Upper
131 100
133 93.3 47.3 141.8
119 65.0 32.3 96.9

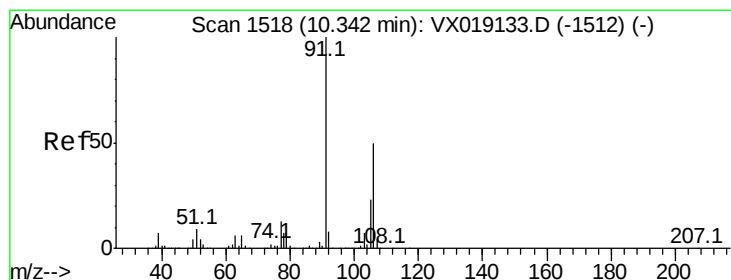
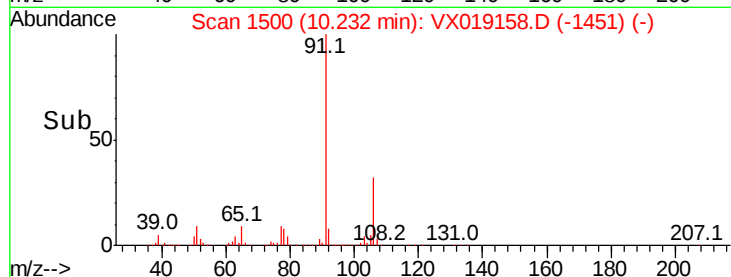
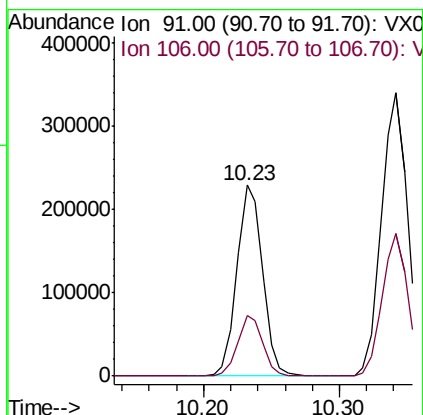
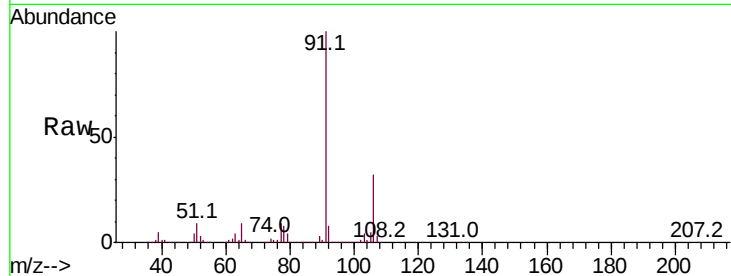




#67
Ethyl Benzene
Concen: 19.206 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

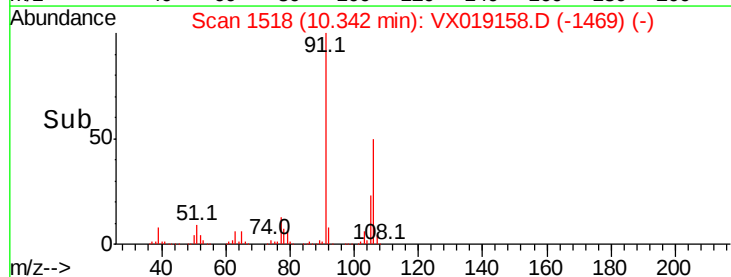
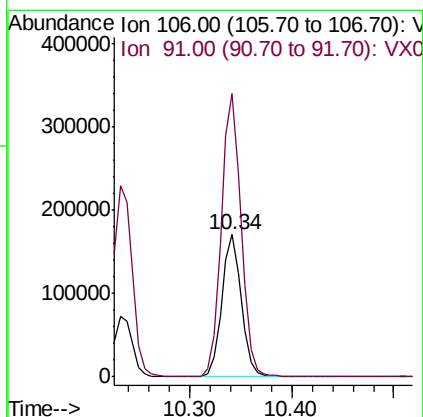
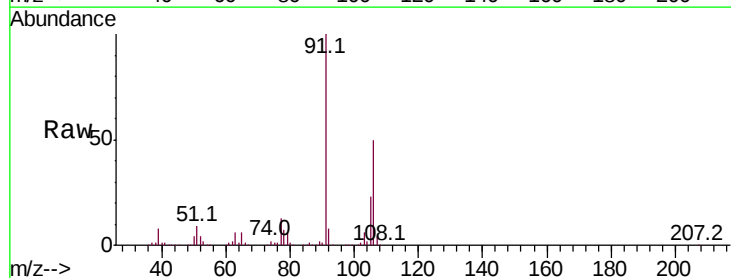
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

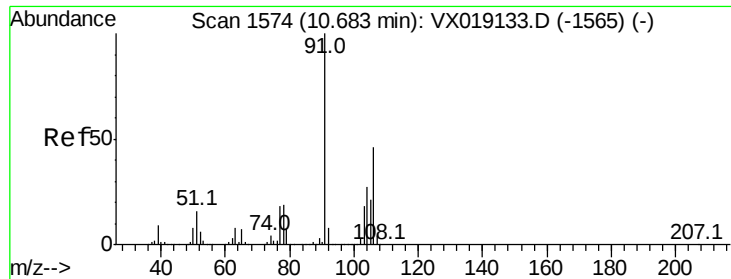
Tot Ion: 91 Resp: 301242
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5



#68
m/p-Xylenes
Concen: 38.480 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 106 Resp: 226522
Ion Ratio Lower Upper
106 100
91 202.8 161.0 241.4

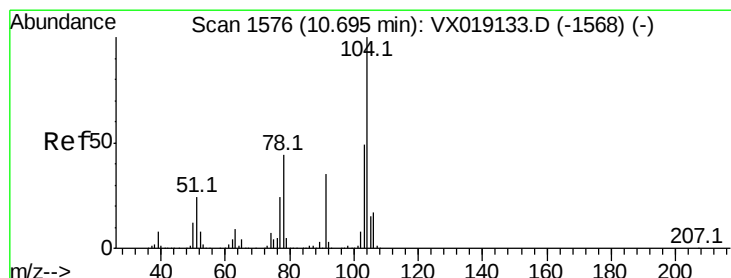
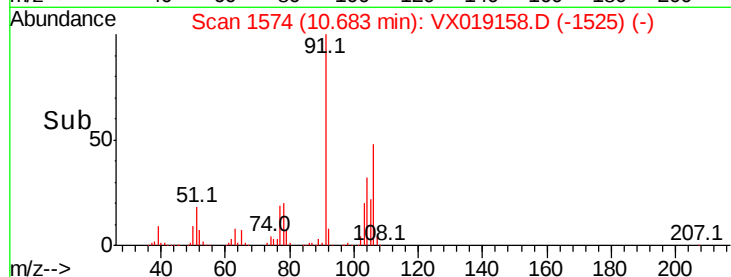
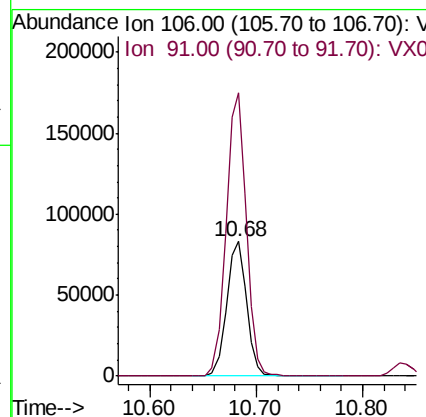
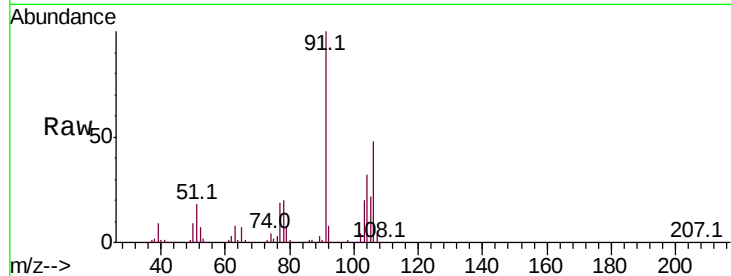




#69
o-Xylene
Concen: 19.492 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

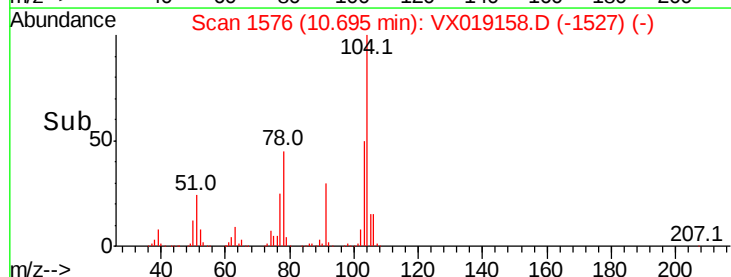
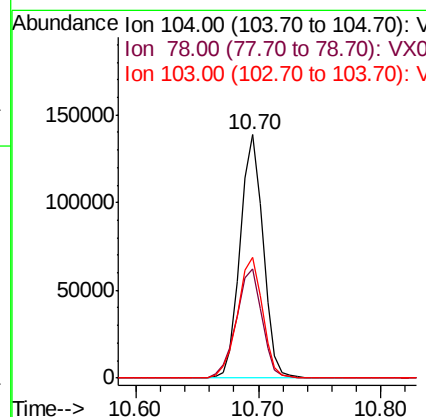
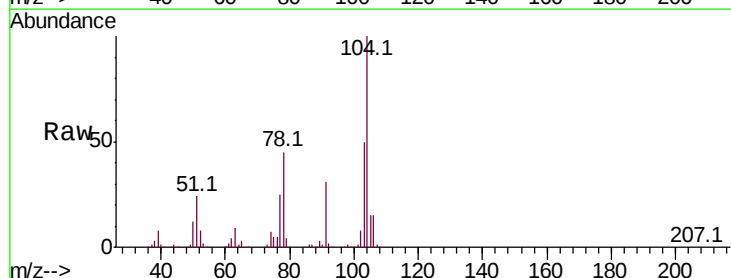
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

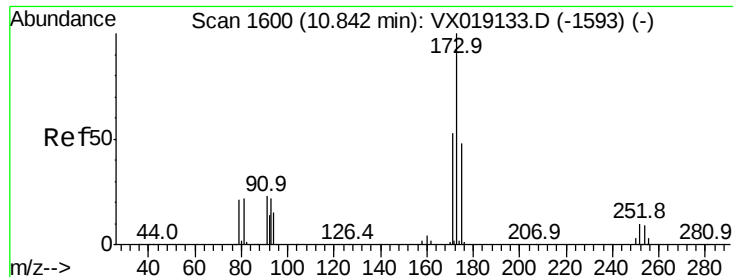
Tot Ion:106 Resp: 108838
Ion Ratio Lower Upper
106 100
91 211.6 108.3 324.8



#70
Styrene
Concen: 18.874 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion:104 Resp: 179812
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.4 43.5 65.3





#71

Bromoform

Concen: 17.870 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

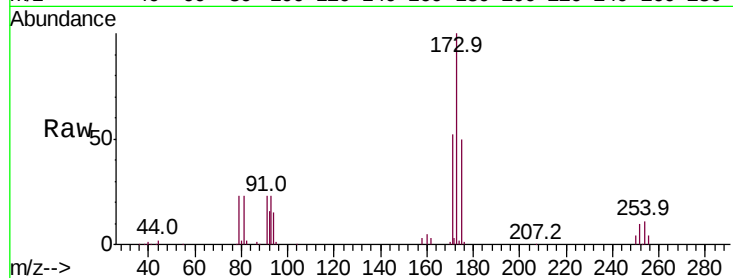
Tot Ion:173 Resp: 44897

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

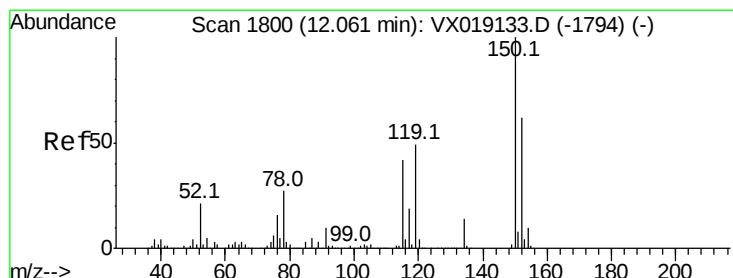
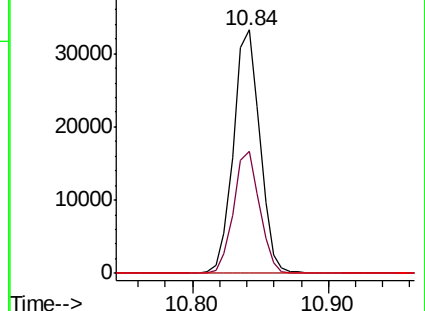
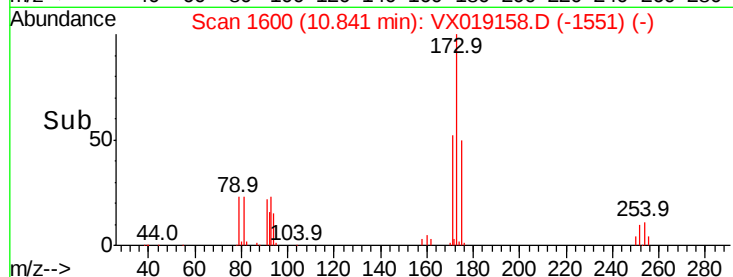
254 0.0 0.1 0.1#



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: VX019158.D

Acq: 28 Oct 2020 12:15

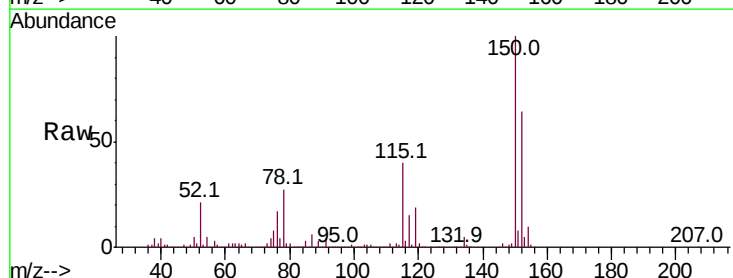
Tgt Ion:152 Resp: 209049

Ion Ratio Lower Upper

152 100

115 70.8 41.9 125.7

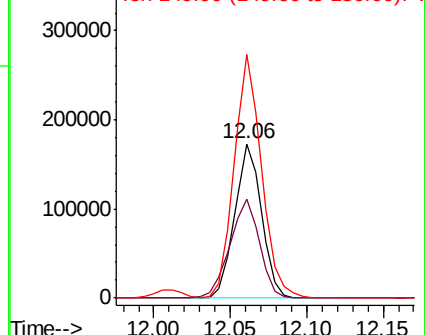
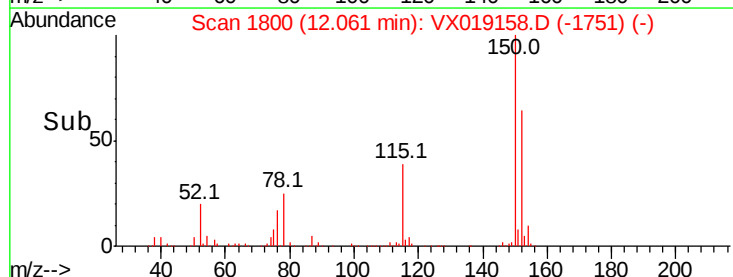
150 162.5 0.0 347.8

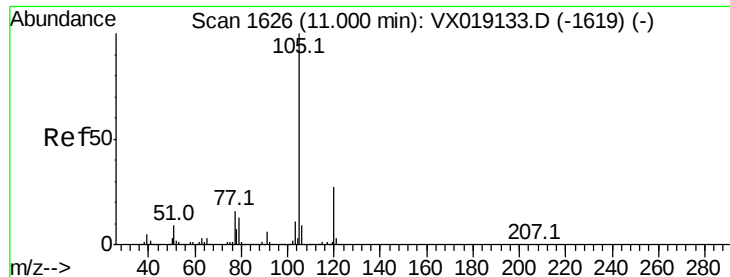


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.899 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampled :

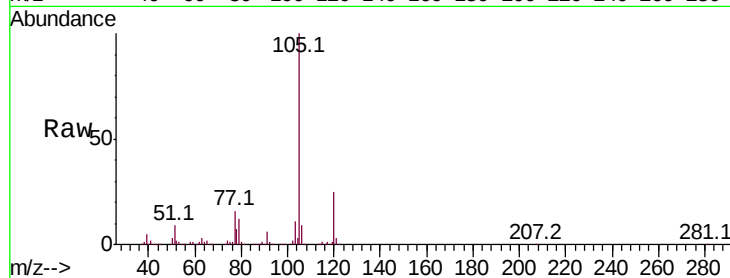
VX1028WBS01

Tot Ion:105 Resp: 294453

Ion Ratio Lower Upper

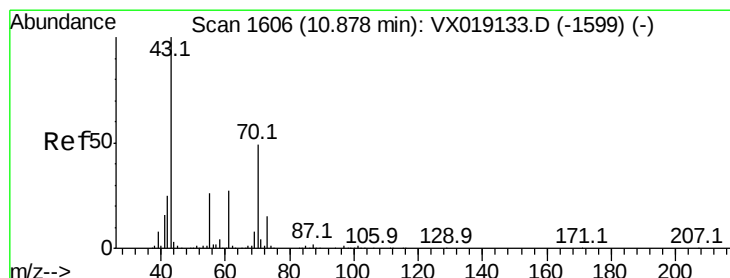
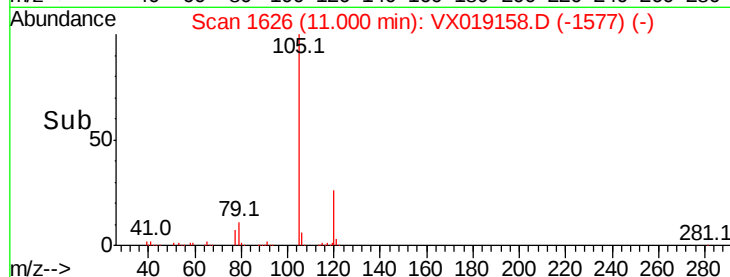
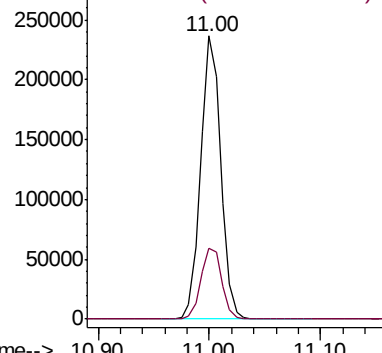
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Tgt Ion: 43 Resp: 106504

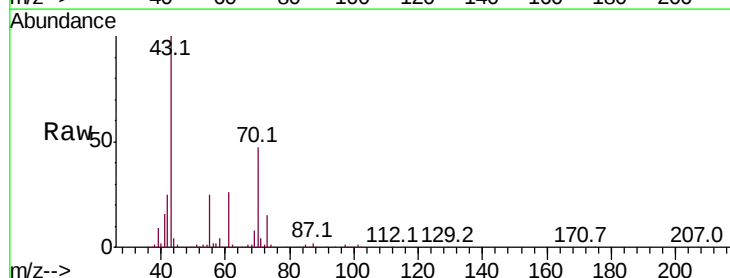
Ion Ratio Lower Upper

43 100

70 49.0 39.6 59.4

55 26.3 20.7 31.1

61 26.5 21.9 32.9

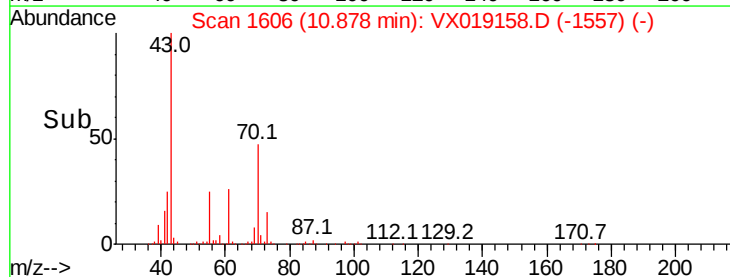
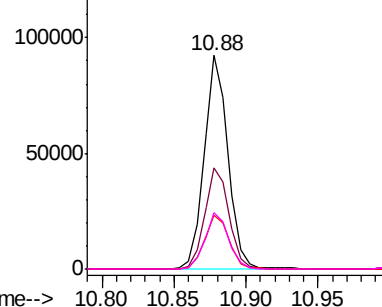


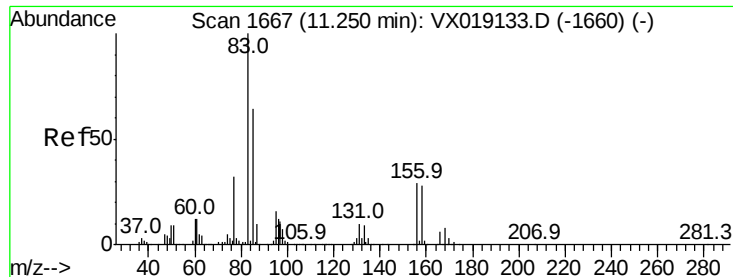
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.644 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

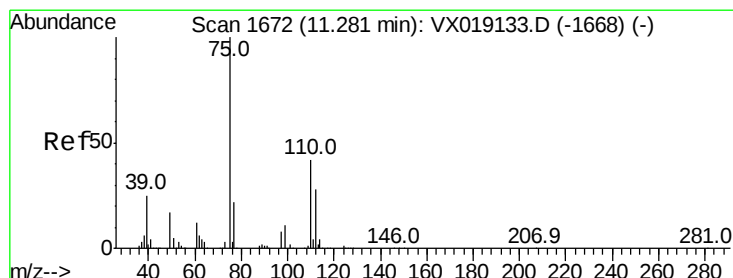
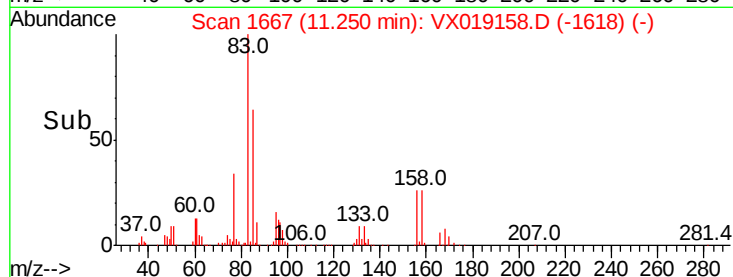
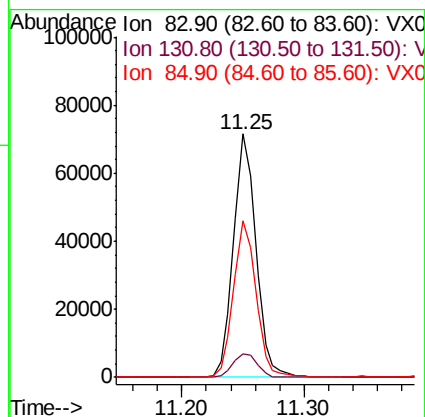
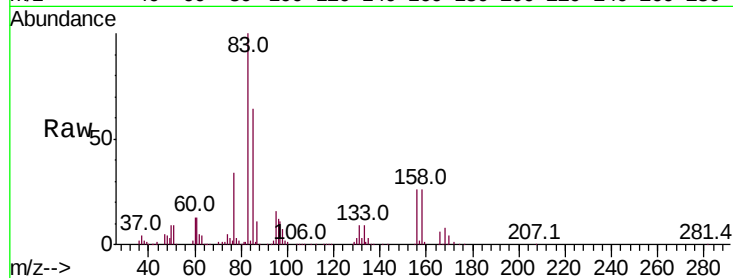
Tot Ion: 83 Resp: 90846

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.6 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 24.384 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019158.D

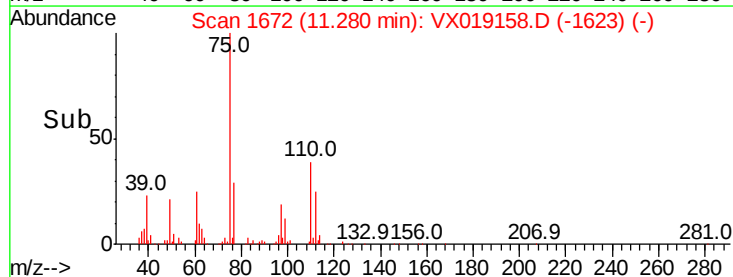
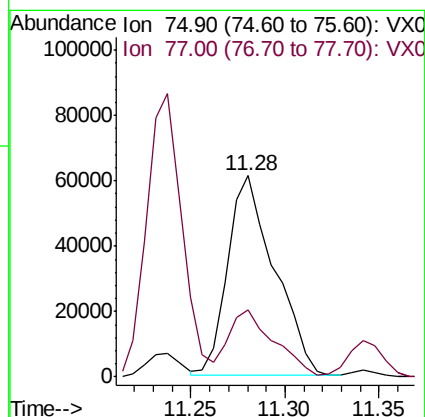
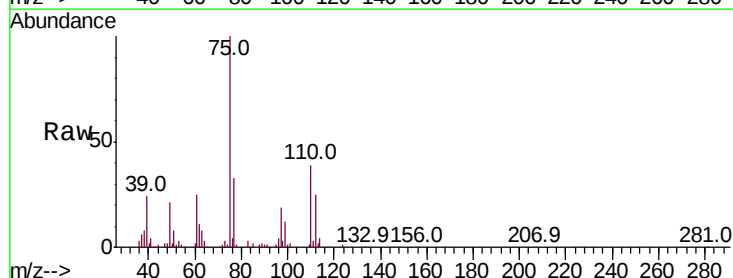
Acq: 28 Oct 2020 12:15

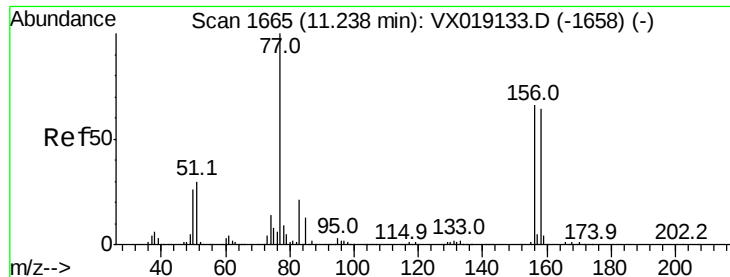
Tgt Ion: 75 Resp: 105253

Ion Ratio Lower Upper

75 100

77 32.4 20.3 60.9

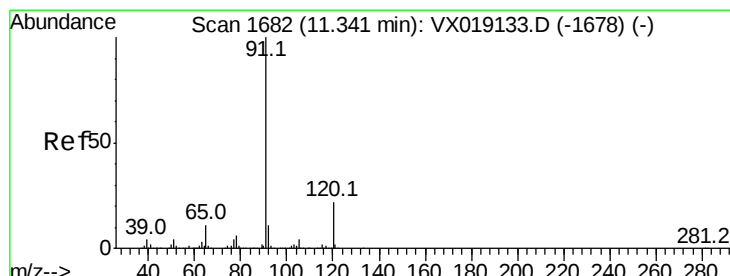
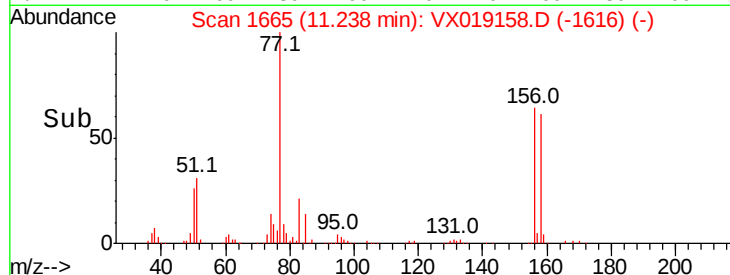
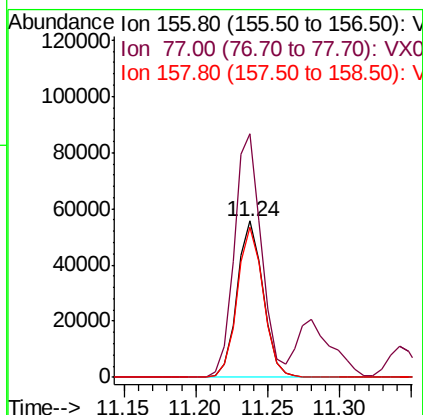
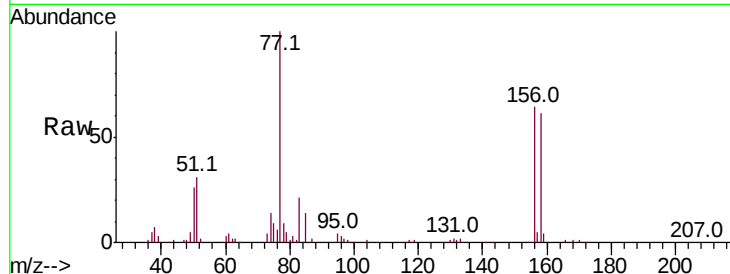




#77
Bromobenzene
Concen: 19.030 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

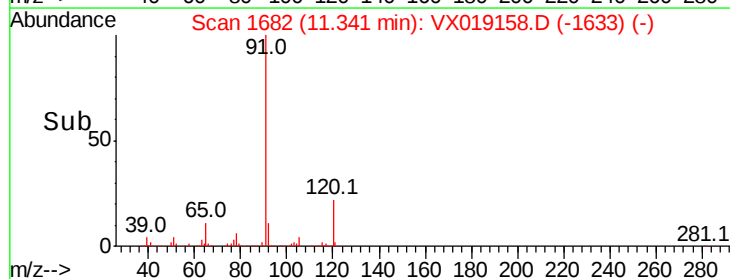
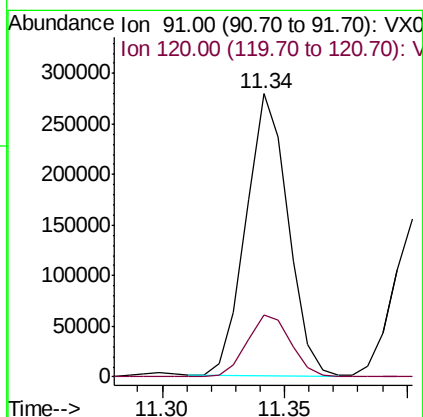
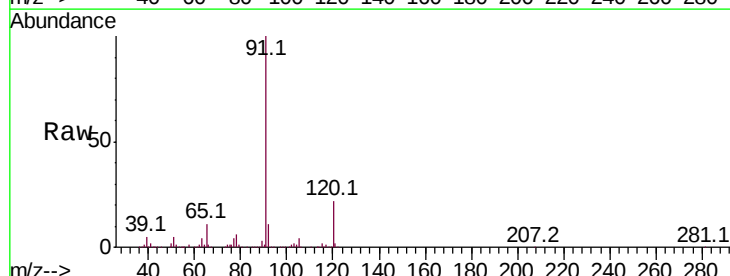
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS01

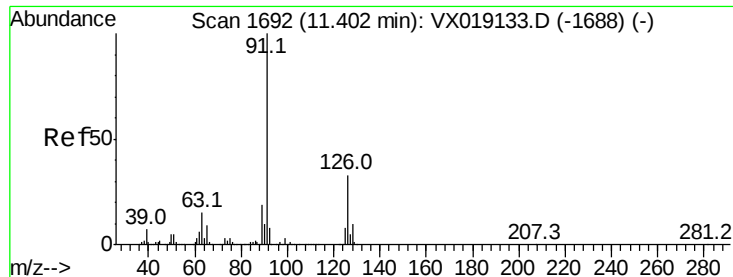
Tot Ion:156 Resp: 69889
Ion Ratio Lower Upper
156 100
77 163.4 77.7 233.1
158 96.6 48.3 144.8



#78
n-propylbenzene
Concen: 19.784 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 91 Resp: 334189
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.0

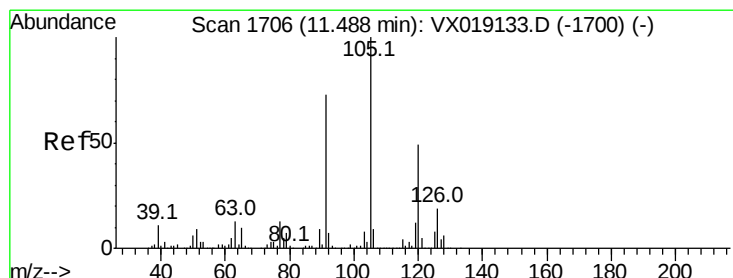
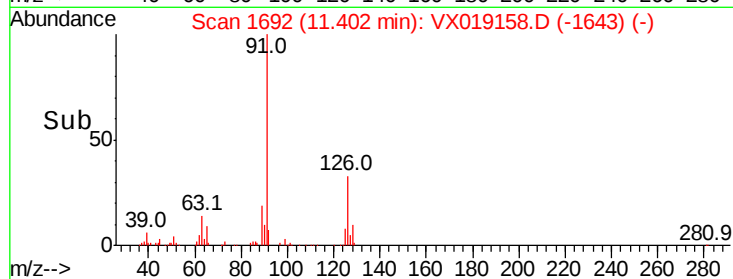
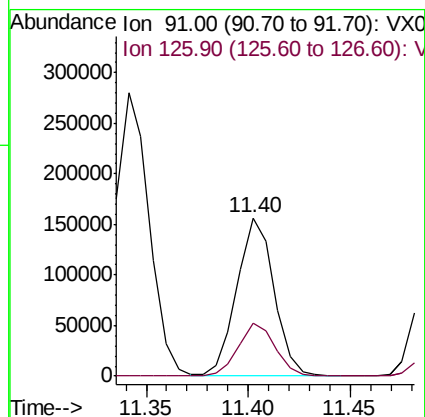
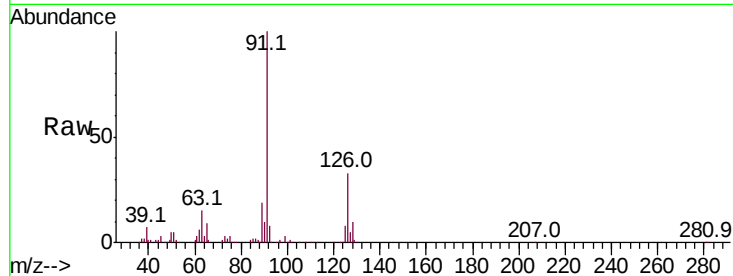




#79
 2-Chlorotoluene
 Concen: 19.709 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

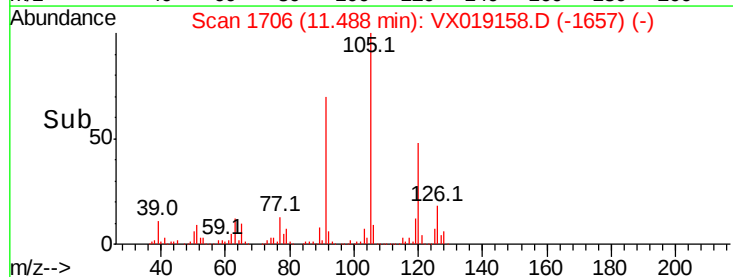
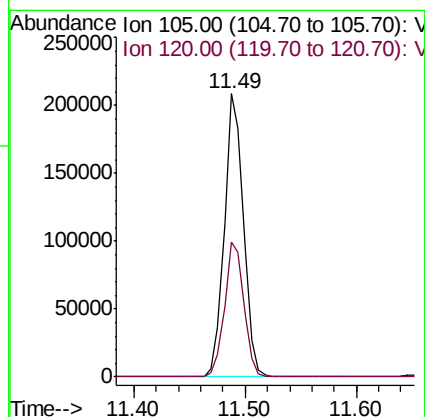
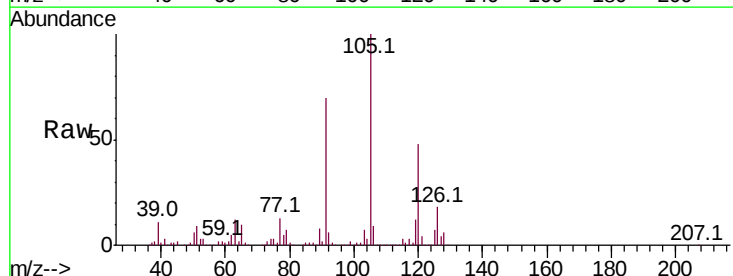
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

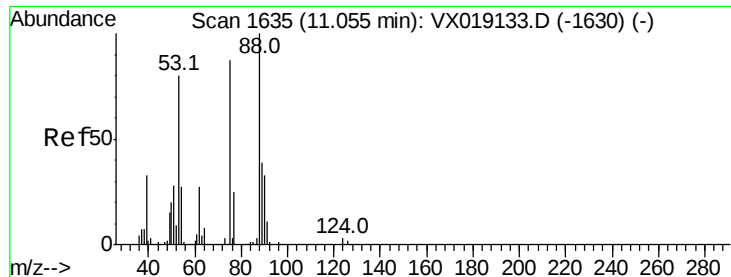
Tot Ion: 91 Resp: 196004
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.780 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion:105 Resp: 247267
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.846 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

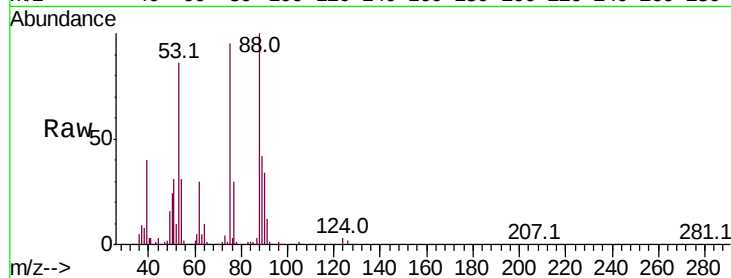
Tot Ion: 75 Resp: 29256

Ion Ratio Lower Upper

75 100

53 94.4 73.3 109.9

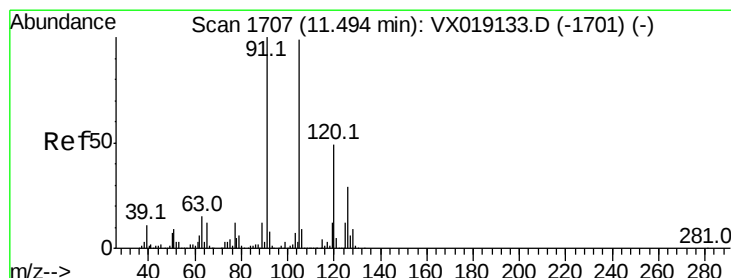
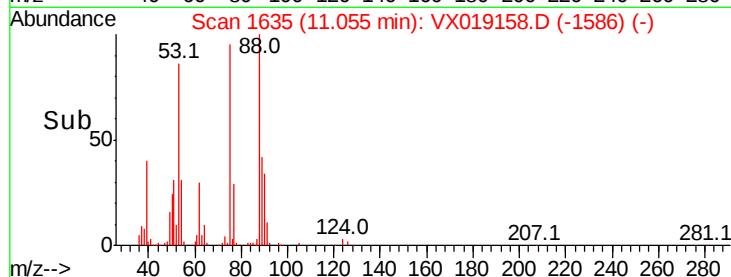
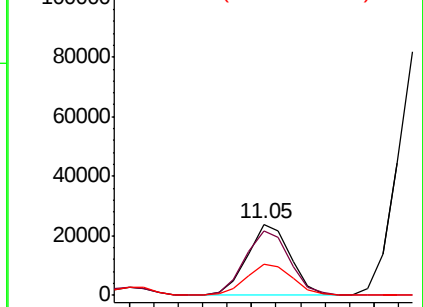
89 47.3 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.178 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019158.D

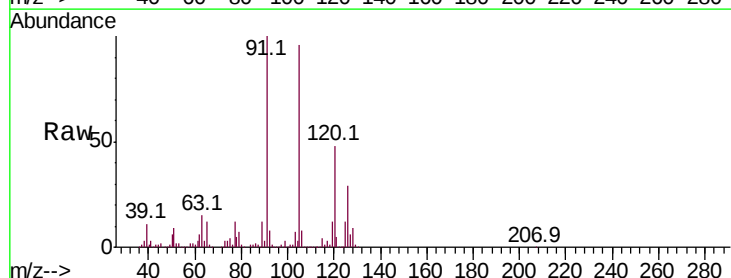
Acq: 28 Oct 2020 12:15

Tgt Ion: 91 Resp: 232901

Ion Ratio Lower Upper

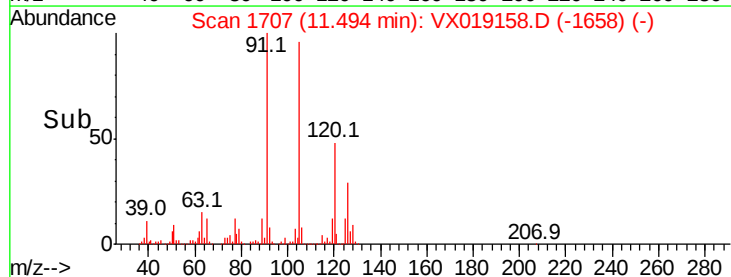
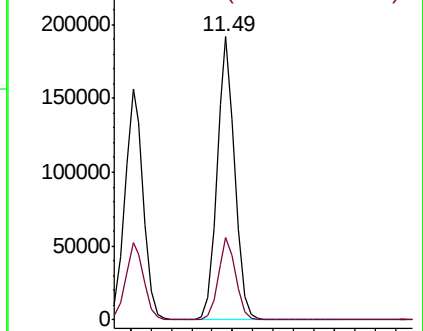
91 100

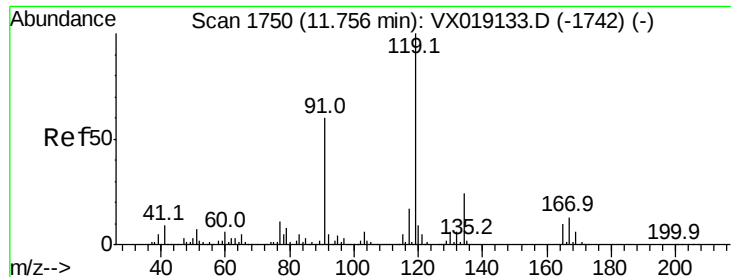
126 28.7 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

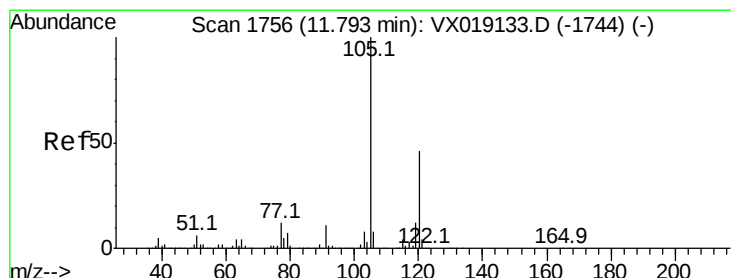
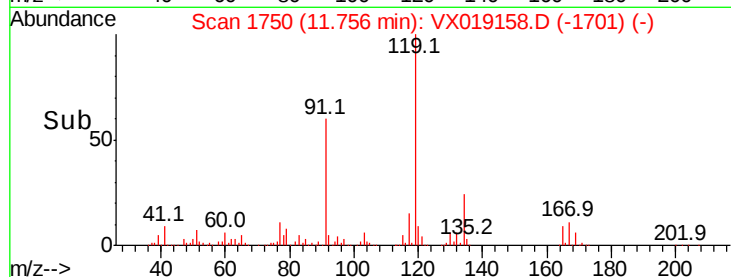
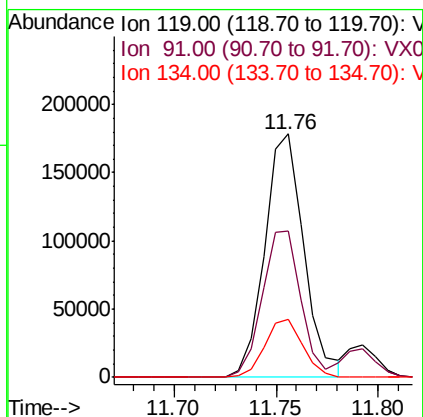
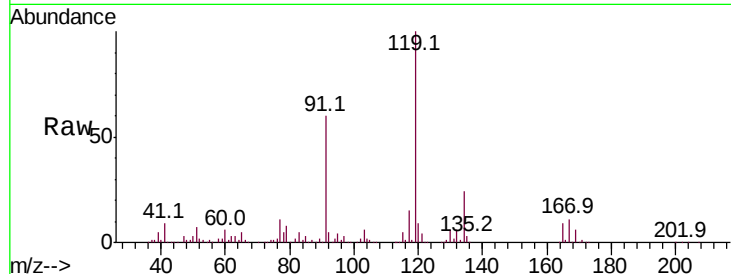




#83
 tert-Butylbenzene
 Concen: 19.979 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

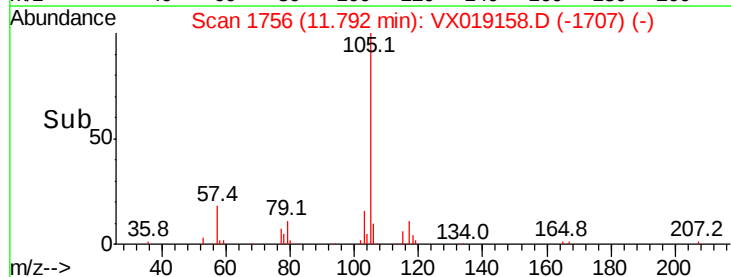
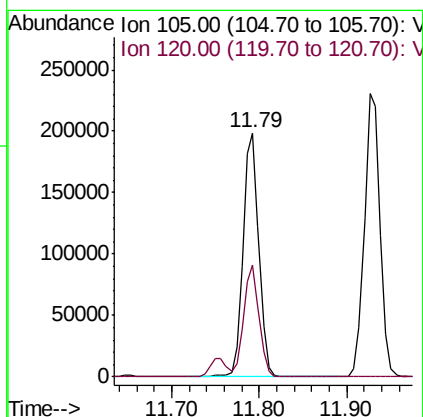
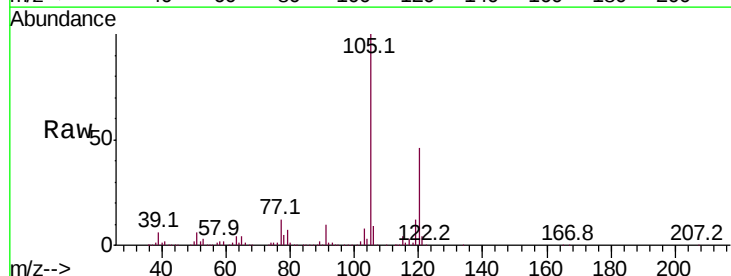
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

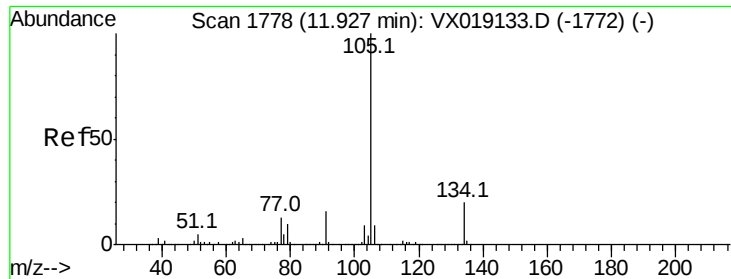
Tot Ion:119 Resp: 239140
 Ion Ratio Lower Upper
 119 100
 91 58.8 29.0 87.1
 134 23.1 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.668 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion:105 Resp: 248214
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

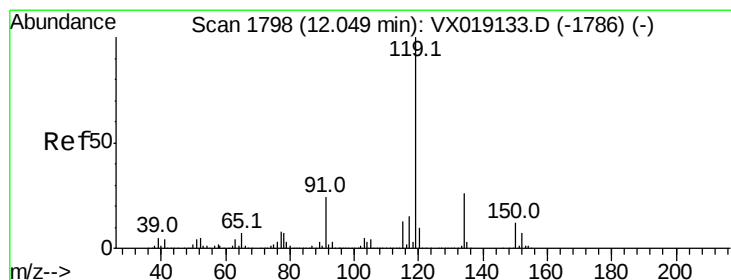
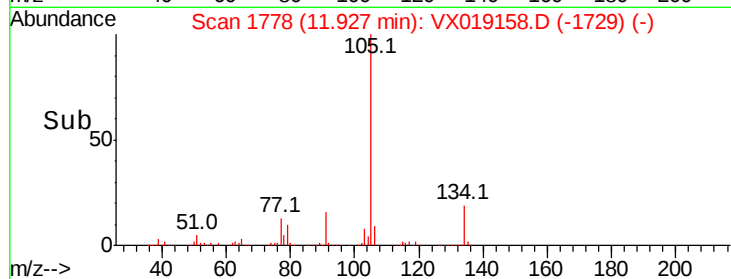
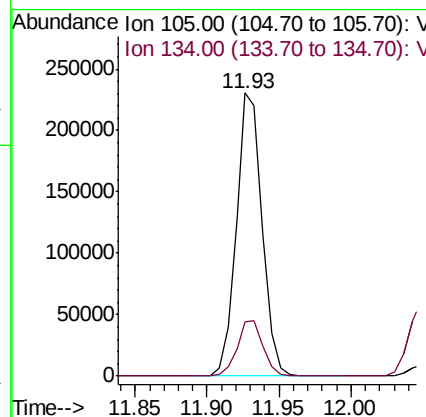
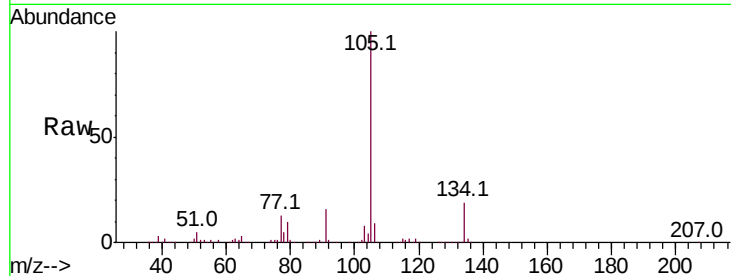




#85
 sec-Butylbenzene
 Concen: 20.007 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

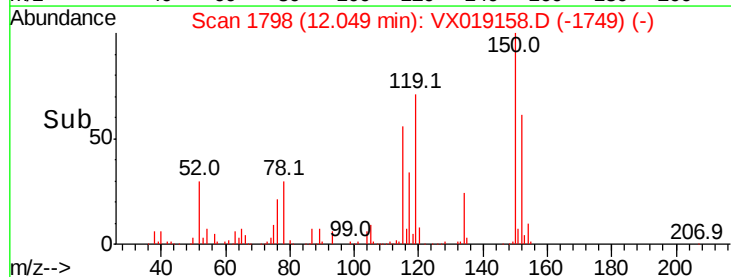
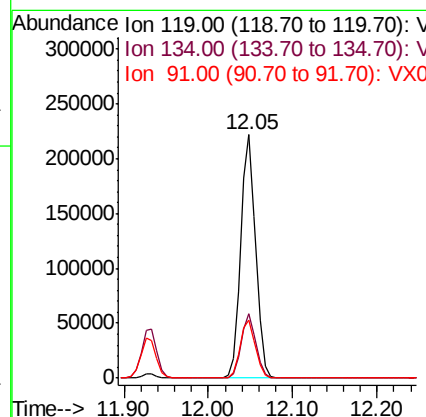
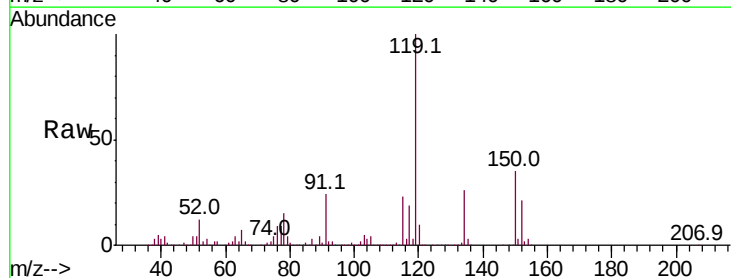
Instrument :
 MSVOA_X
 ClientSampled :
 VX1028WBS01

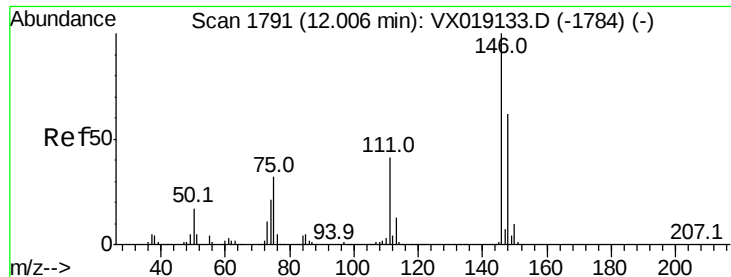
Tot Ion:105 Resp: 287224
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.869 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion:119 Resp: 263278
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.4 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 18.704 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampled :

VX1028WBS01

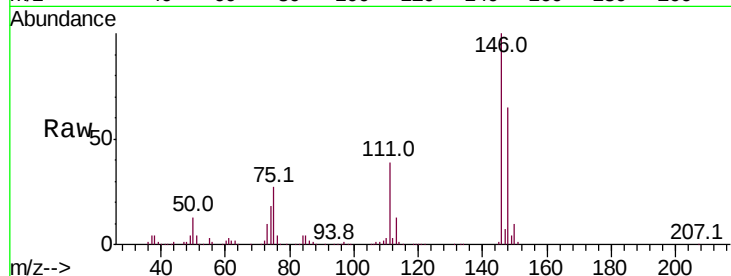
Tot Ion:146 Resp: 127926

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.2

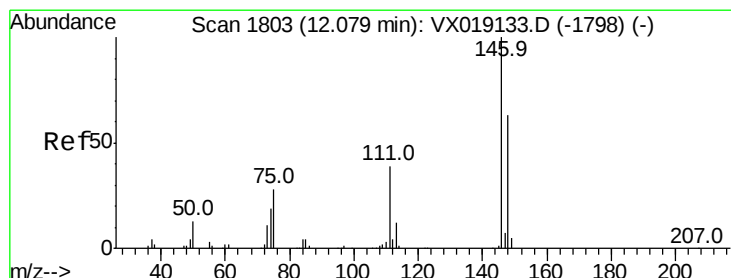
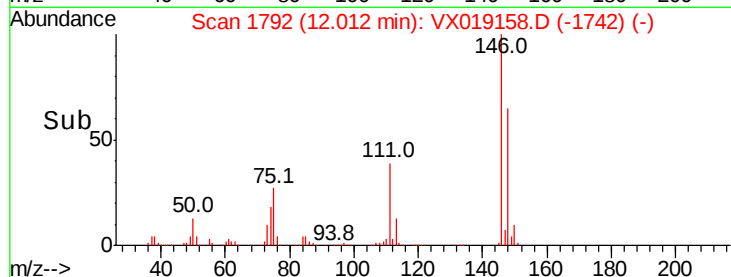
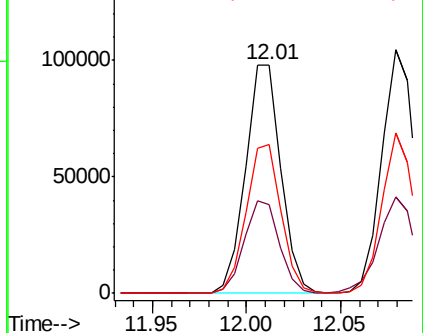
148 64.6 31.6 94.8



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: 18.181 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

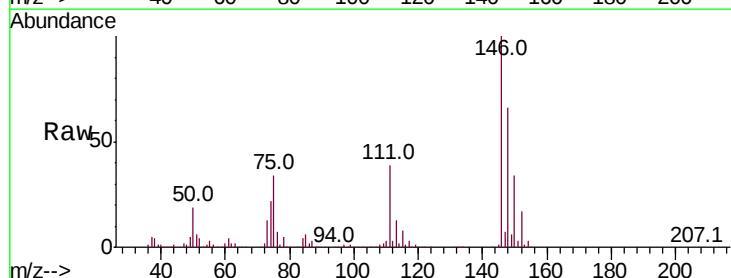
Tgt Ion:146 Resp: 129439

Ion Ratio Lower Upper

146 100

111 42.1 20.2 60.5

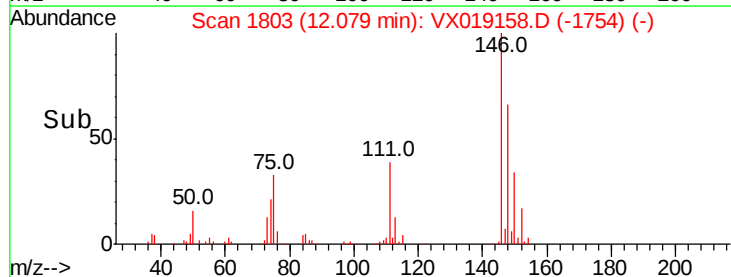
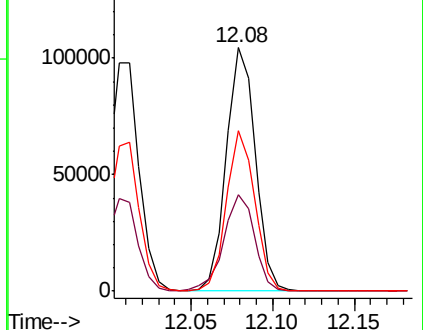
148 64.6 31.3 93.8

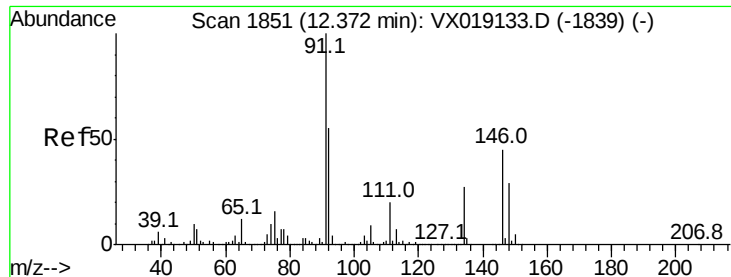


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

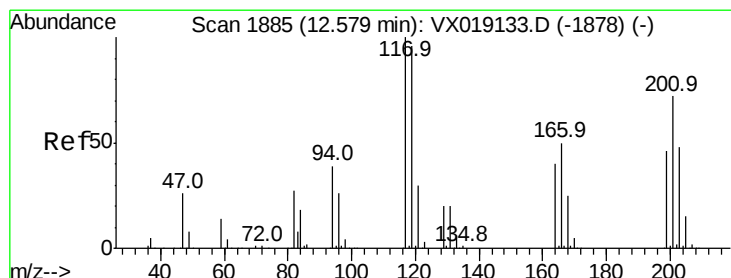
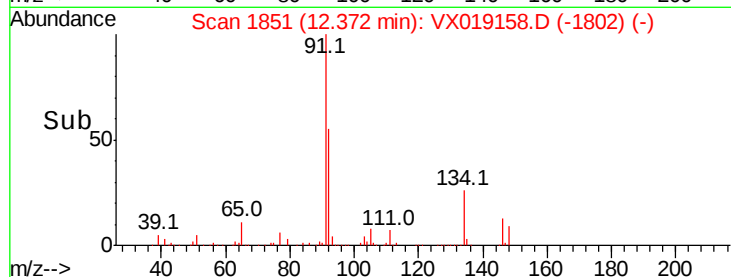
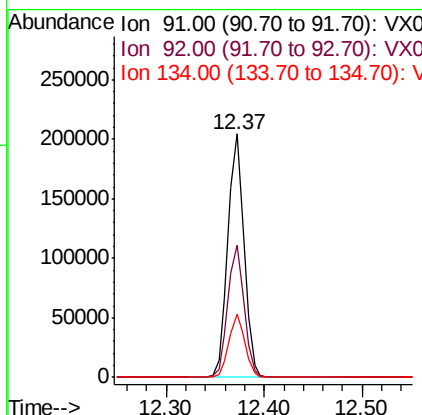
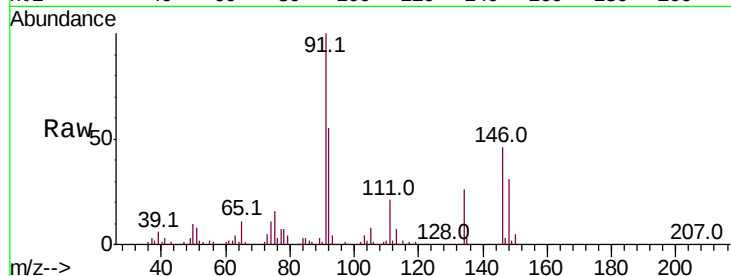




#89
n-Butylbenzene
Concen: 19.072 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

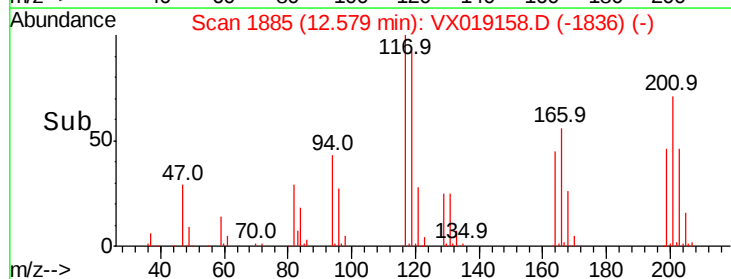
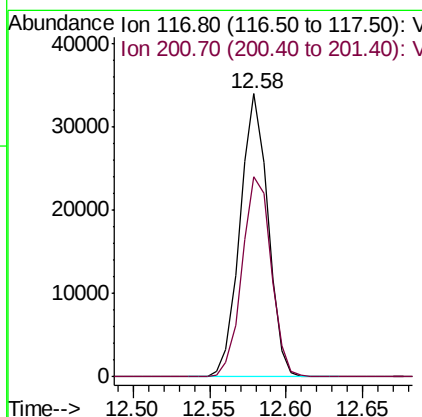
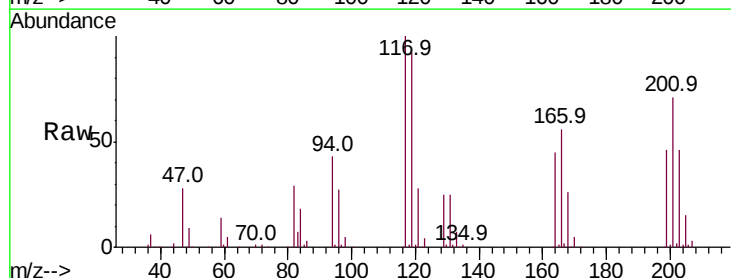
Instrument :
MSVOA_X
ClientSampled :
VX1028WBS01

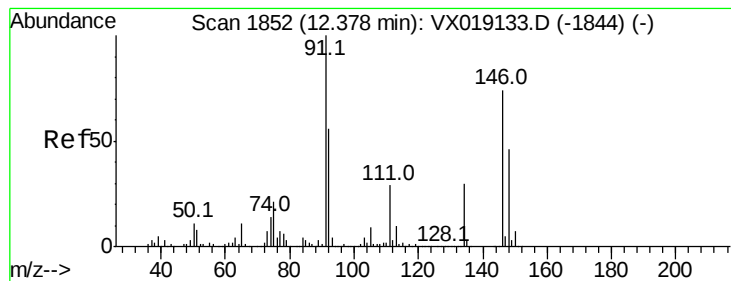
Tot Ion: 91 Resp: 237541
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 25.6 13.2 39.6



#90
Hexachloroethane
Concen: 19.072 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019158.D
Acq: 28 Oct 2020 12:15

Tgt Ion: 117 Resp: 42954
Ion Ratio Lower Upper
117 100
201 73.7 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 18.683 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

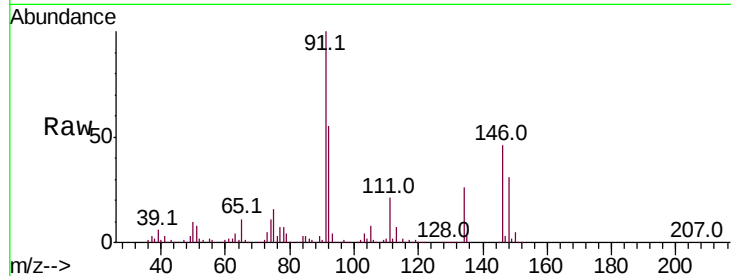
Tot Ion:146 Resp: 122694

Ion Ratio Lower Upper

146 100

111 43.9 21.2 63.6

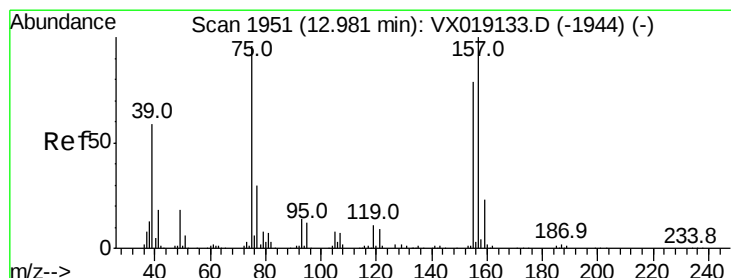
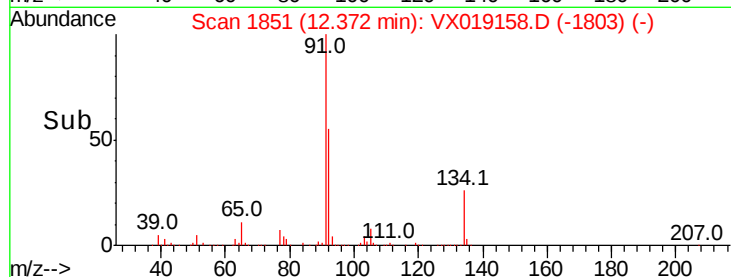
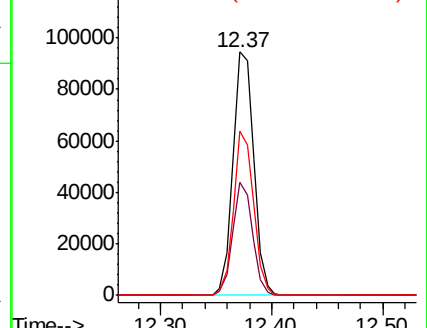
148 64.6 31.6 94.7



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: 18.871 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

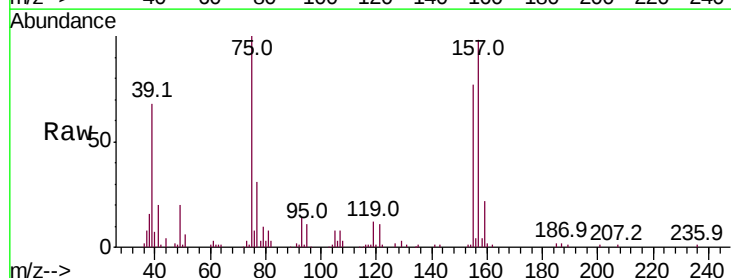
Tgt Ion: 75 Resp: 21364

Ion Ratio Lower Upper

75 100

155 81.2 42.8 128.4

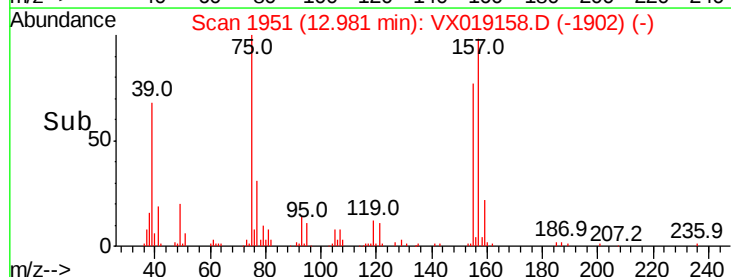
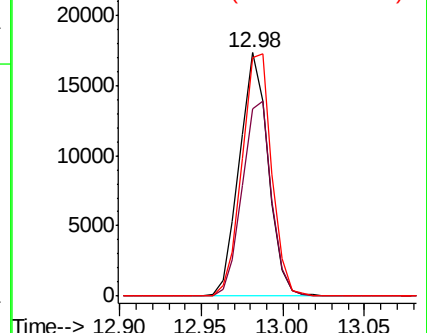
157 102.9 54.8 164.4

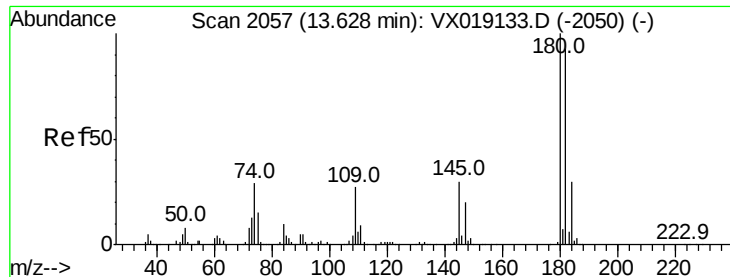


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

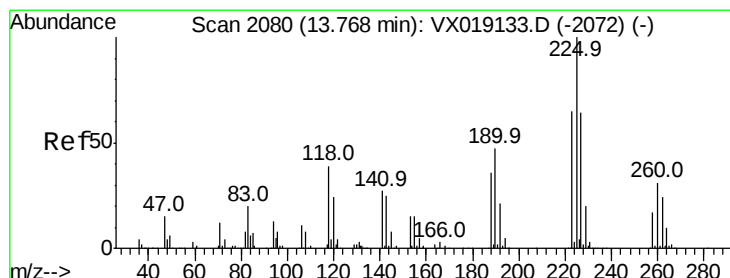
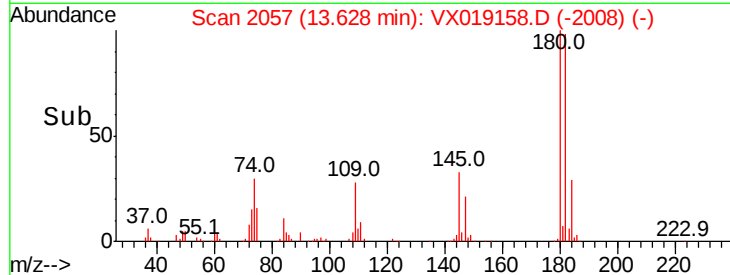
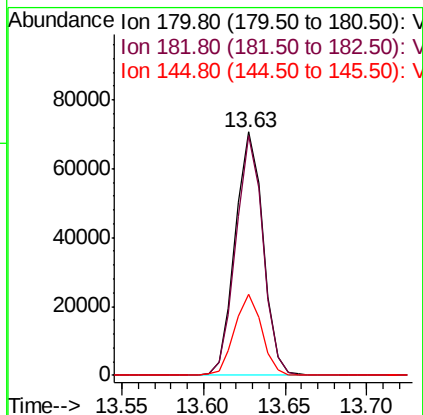
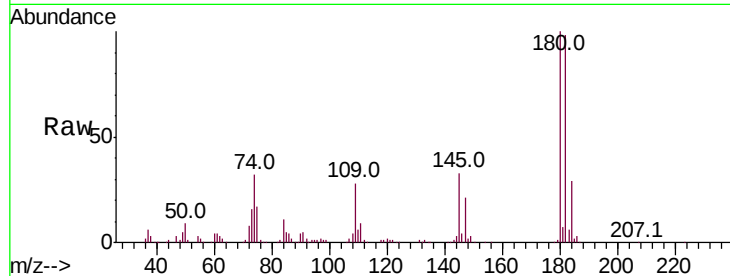




#93
 1,2,4-Trichlorobenzene
 Concen: 17.088 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

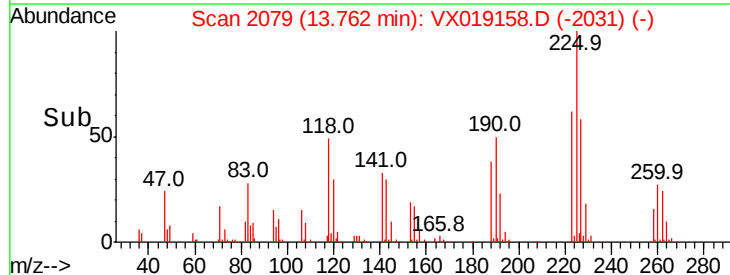
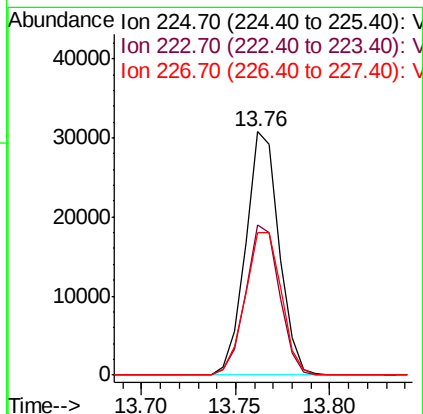
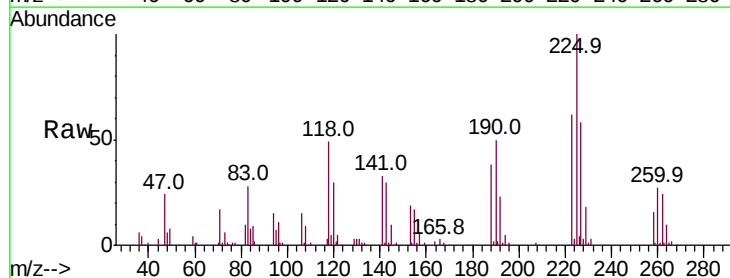
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

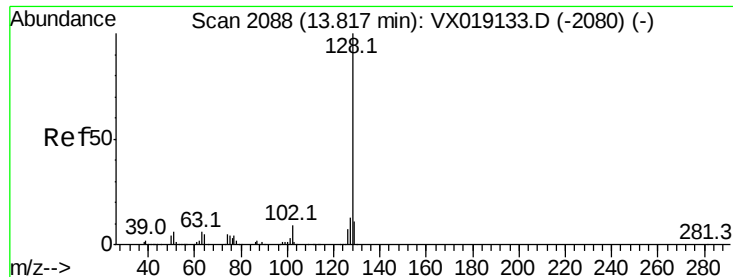
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	32.4	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 17.435 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019158.D
 Acq: 28 Oct 2020 12:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.4	97.2
227	63.3	31.6	94.7





#95

Naphthalene

Concen: 17.528 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS01

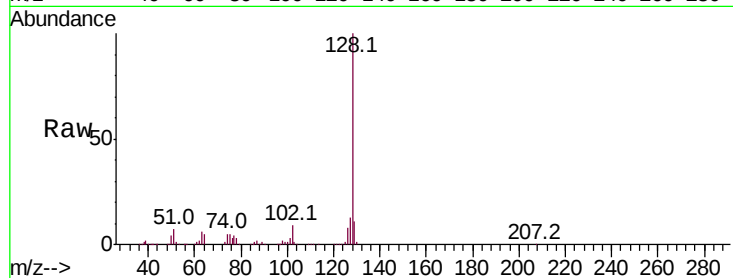
Tot Ion:128 Resp: 272320

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

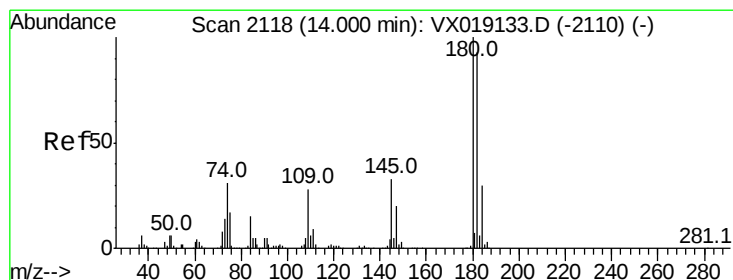
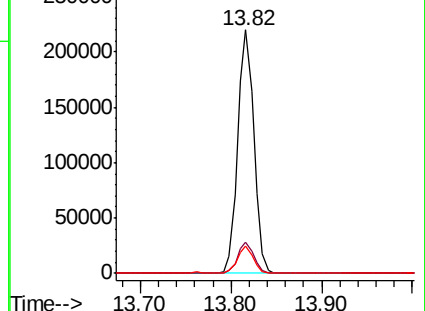
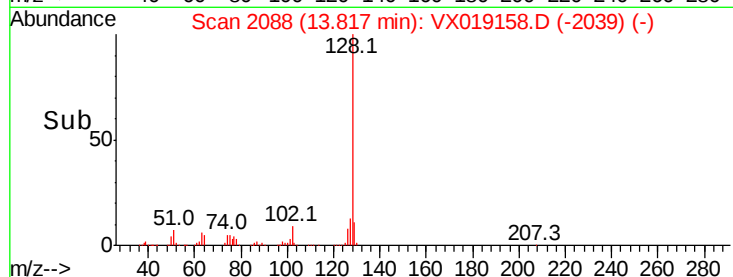
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.239 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019158.D

Acq: 28 Oct 2020 12:15

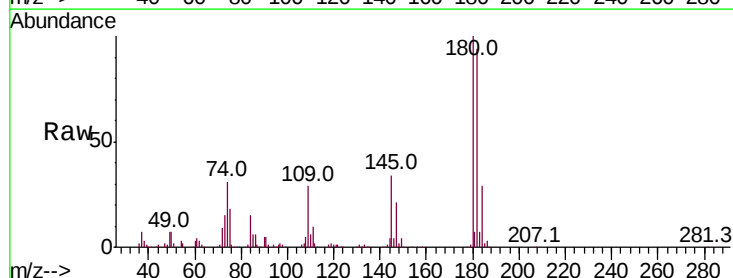
Tgt Ion:180 Resp: 82498

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.3

145 33.9 16.5 49.5



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

