

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102820\
 Data File : VX019159.D
 Acq On : 28 Oct 2020 12:47
 Operator : JC/MD
 Sample : VX1028WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Quant Time: Oct 29 02:06:41 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	5.63	168	277570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	452629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	175401	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.46	113	140230	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.70	98	528687	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	194103	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	43136	18.641	ug/l 98
3) Chloromethane	1.31	50	48103	18.607	ug/l 98
4) Vinyl Chloride	1.39	62	55973	18.670	ug/l 99
5) Bromomethane	1.64	94	41997	20.512	ug/l 98
6) Chloroethane	1.72	64	36738	19.192	ug/l 98
7) Trichlorofluoromethane	1.92	101	89562	19.015	ug/l 96
8) Diethyl Ether	2.17	74	35351	19.556	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50650	19.401	ug/l 99
10) Methyl Iodide	2.49	142	55400	22.063	ug/l 99
11) Tert butyl alcohol	3.03	59	67591	95.599	ug/l 99
12) 1,1-Dichloroethene	2.36	96	49254	18.308	ug/l 97
13) Acrolein	2.28	56	27461	90.556	ug/l 100
14) Allyl chloride	2.71	41	77382	18.990	ug/l 99
15) Acrylonitrile	3.12	53	142134	95.667	ug/l 100
16) Acetone	2.43	43	120418	97.512	ug/l 98
17) Carbon Disulfide	2.55	76	134982	18.094	ug/l 98
18) Methyl Acetate	2.75	43	57093	19.012	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	182108	19.537	ug/l 100
20) Methylene Chloride	2.83	84	58334	18.816	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	55732	18.000	ug/l 94
22) Diisopropyl ether	3.82	45	162011	19.943	ug/l 90
23) Vinyl Acetate	3.78	43	723408	99.859	ug/l 98
24) 1,1-Dichloroethane	3.67	63	97136	19.151	ug/l 99
25) 2-Butanone	4.64	43	187996	96.596	ug/l 100
26) 2,2-Dichloropropane	4.54	77	89157	18.698	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	65011	18.790	ug/l 99
28) Bromochloromethane	4.98	49	46421	20.132	ug/l 97
29) Tetrahydrofuran	5.09	42	121949	99.429	ug/l 98
30) Chloroform	5.17	83	104995	19.448	ug/l 98
31) Cyclohexane	5.54	56	85856	18.974	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	93720	19.147	ug/l 99
36) 1,1-Dichloropropene	5.76	75	78249	18.721	ug/l 100
37) Ethyl Acetate	4.79	43	75768	19.524	ug/l 99
38) Carbon Tetrachloride	5.75	117	80462	18.886	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95759	19.161	ug/l	99
40) Benzene	6.11	78	229796	19.391	ug/l	97
41) Methacrylonitrile	5.00	41	40680	19.465	ug/l	100
42) 1,2-Dichloroethane	6.15	62	85158	19.498	ug/l	100
43) Isopropyl Acetate	6.40	43	126304	19.437	ug/l	99
44) Trichloroethene	7.18	130	62352	18.371	ug/l	97
45) 1,2-Dichloropropane	7.49	63	56886	19.598	ug/l	99
46) Dibromomethane	7.63	93	40927	19.068	ug/l	97
47) Bromodichloromethane	7.87	83	81264	19.208	ug/l	98
48) Methyl methacrylate	7.74	41	61664	19.716	ug/l	97
49) 1,4-Dioxane	7.74	88	27778	399.377	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	373970	100.133	ug/l	99
52) Toluene	8.76	92	147686	19.349	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90670	18.764	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	97338	19.156	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	58725	19.473	ug/l	97
56) Ethyl methacrylate	9.16	69	88515	19.432	ug/l	98
57) 1,3-Dichloropropane	9.35	76	99070	19.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	241734	94.890	ug/l	98
59) 2-Hexanone	9.47	43	284006	99.900	ug/l	98
60) Dibromochloromethane	9.56	129	63152	19.296	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62618	19.417	ug/l	99
64) Tetrachloroethene	9.32	164	59509	19.141	ug/l	98
65) Chlorobenzene	10.12	112	155017	18.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	56325	18.759	ug/l	99
67) Ethyl Benzene	10.23	91	281284	18.926	ug/l	98
68) m/p-Xylenes	10.34	106	212831	38.155	ug/l	99
69) o-Xylene	10.68	106	100090	18.918	ug/l	99
70) Styrene	10.70	104	168810	18.700	ug/l	99
71) Bromoform	10.84	173	43206	18.149	ug/l #	99
73) Isopropylbenzene	11.00	105	274571	19.041	ug/l	100
74) N-amyl acetate	10.88	43	103058	19.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88471	19.632	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	101362	24.098	ug/l	86
77) Bromobenzene	11.24	156	67037	18.732	ug/l	96
78) n-propylbenzene	11.34	91	313767	19.062	ug/l	99
79) 2-Chlorotoluene	11.40	91	185467	19.138	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	231777	19.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27992	17.522	ug/l	96
82) 4-Chlorotoluene	11.49	91	222003	18.760	ug/l	100
83) tert-Butylbenzene	11.76	119	223749	19.183	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	233411	18.979	ug/l	100
85) sec-Butylbenzene	11.93	105	268168	19.169	ug/l	99
86) p-Isopropyltoluene	12.05	119	250945	19.435	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	120679	18.107	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	121907	17.572	ug/l	97
89) n-Butylbenzene	12.37	91	224481	18.496	ug/l	99
90) Hexachloroethane	12.58	117	39987	18.220	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	120306	18.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20651	18.719	ug/l	96

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VX1028WBSD01

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

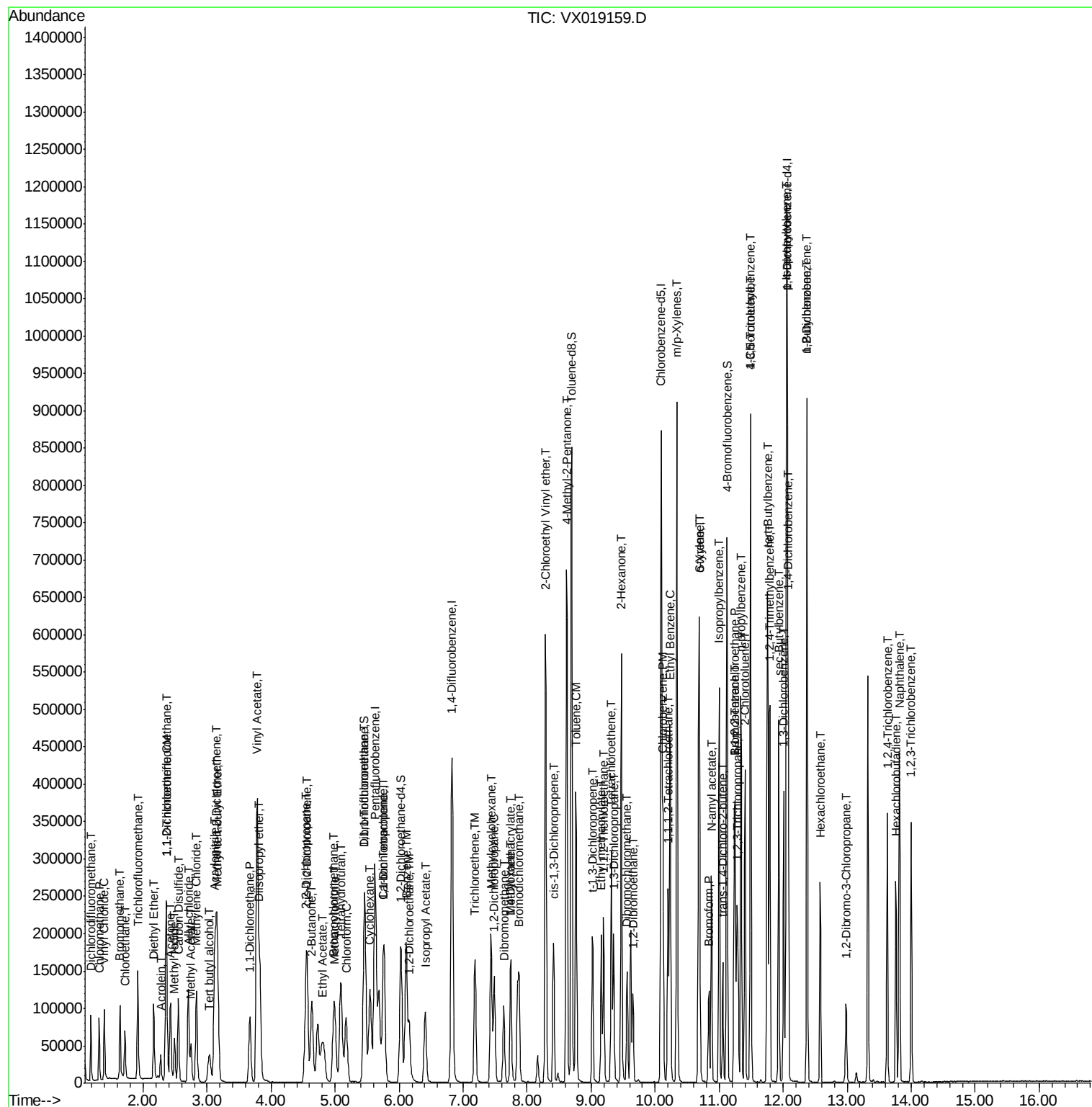
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80950	16.840	ug/l	98
94) Hexachlorobutadiene	13.76	225	35920	16.975	ug/l	99
95) Naphthalene	13.82	128	268736	17.750	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	81604	17.499	ug/l	97

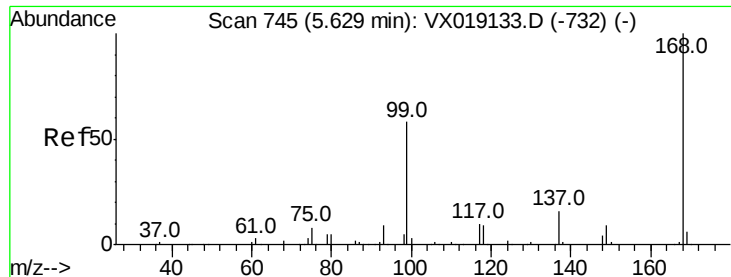
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Data File : VX019159.D
Acq On : 28 Oct 2020 12:47
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Misc : 5.0mL/MSVOA X/WATER
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QLast Update : Tue Oct 27 13:55:07 2020
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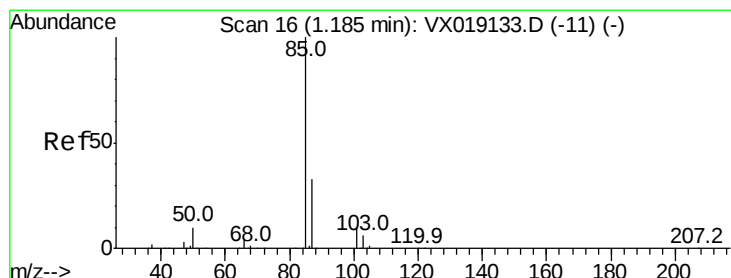
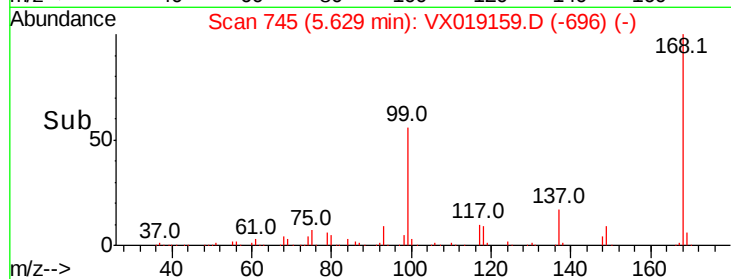
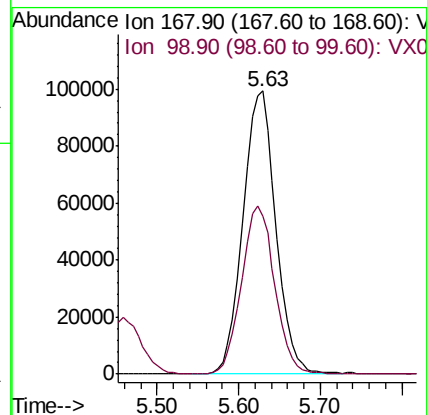
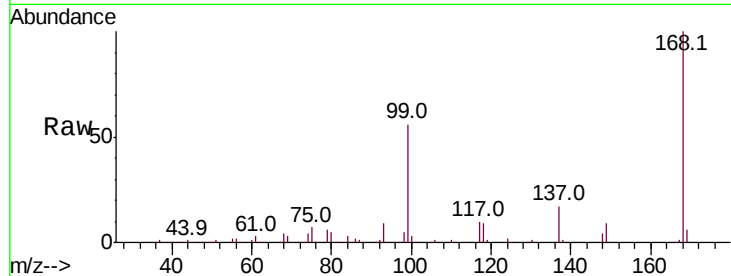


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX019159.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

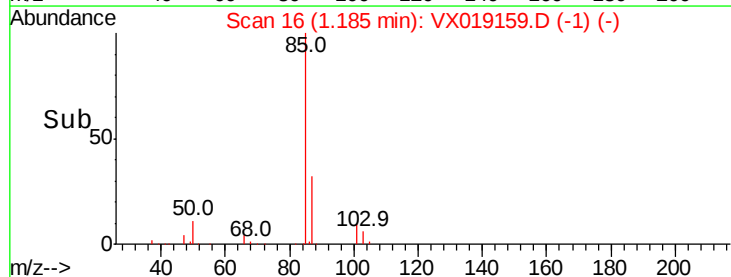
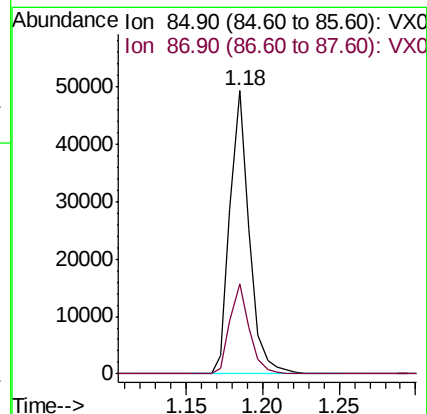
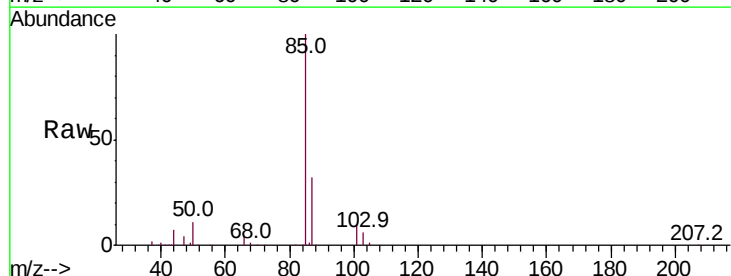
Tot Ion:168 Resp: 277570
 Ion Ratio Lower Upper
 168 100
 99 55.6 46.6 69.8

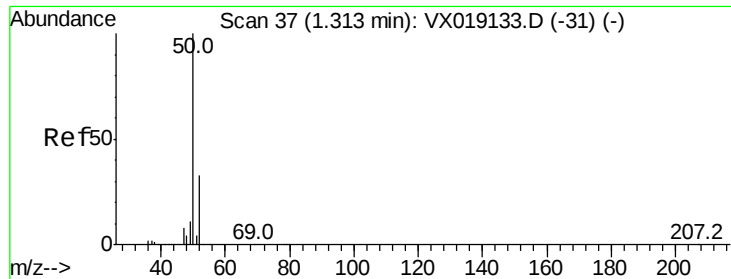


#2

Dichlorodifluoromethane
 Concen: 18.641 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion: 85 Resp: 43136
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.6 49.7





#3

Chloromethane

Concen: 18.607 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

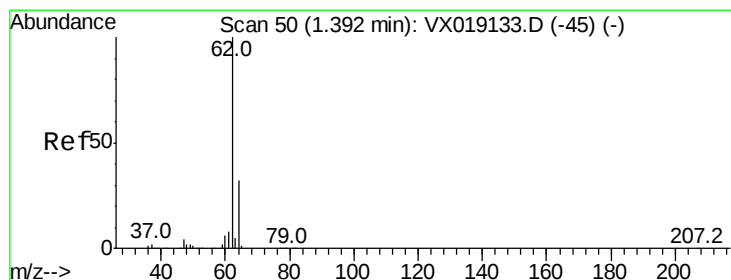
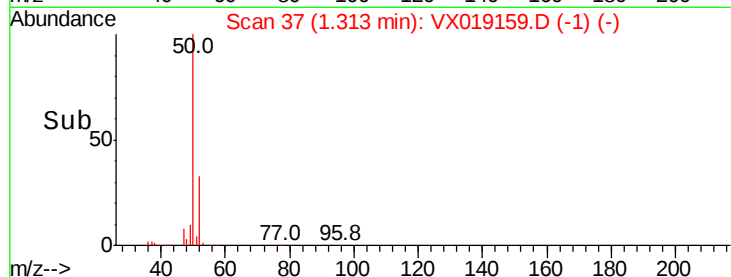
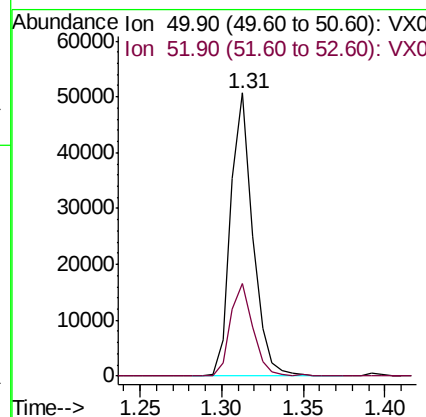
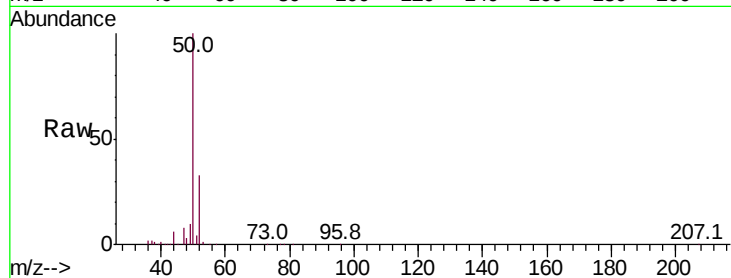
VX1028WBSD01

Tot Ion: 50 Resp: 48103

Ion Ratio Lower Upper

50 100

52 32.5 26.8 40.2



#4

Vinyl Chloride

Concen: 18.670 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019159.D

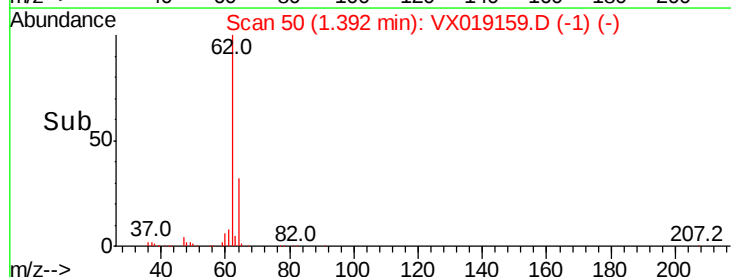
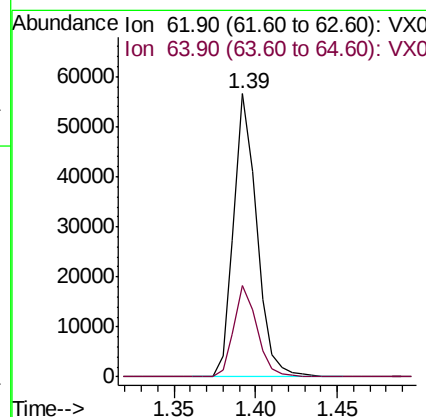
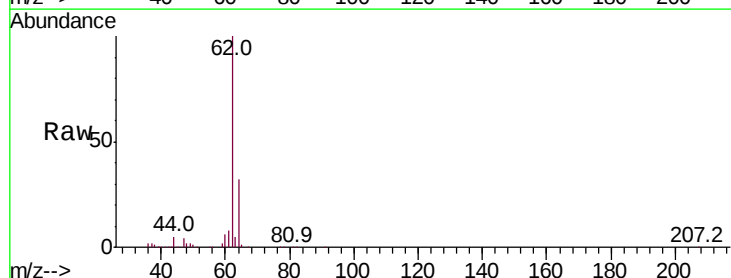
Acq: 28 Oct 2020 12:47

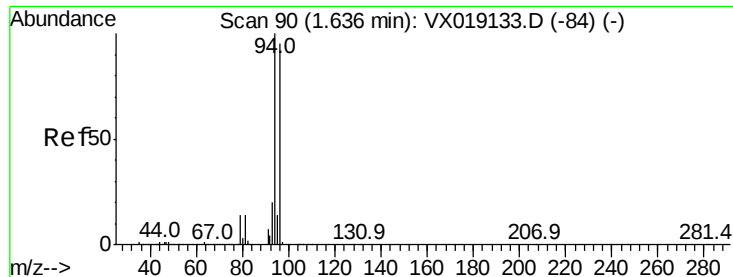
Tgt Ion: 62 Resp: 55973

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 20.512 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

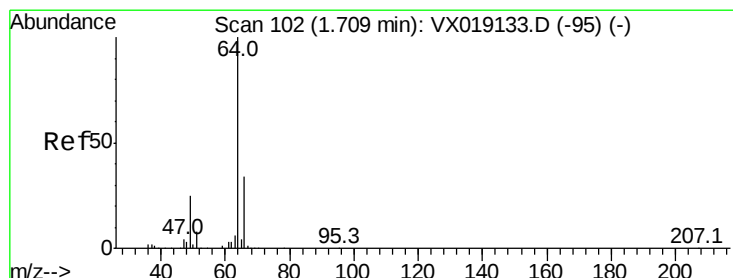
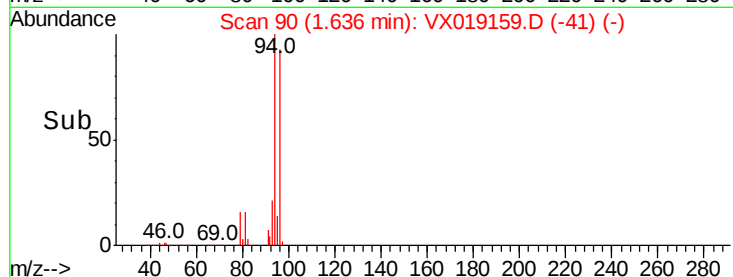
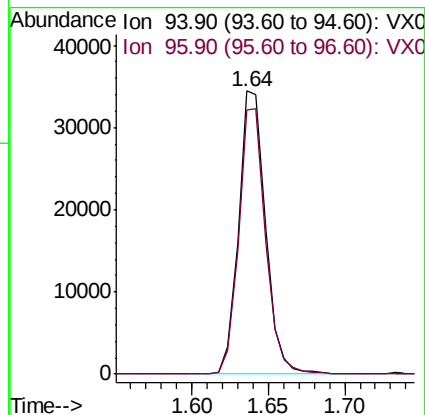
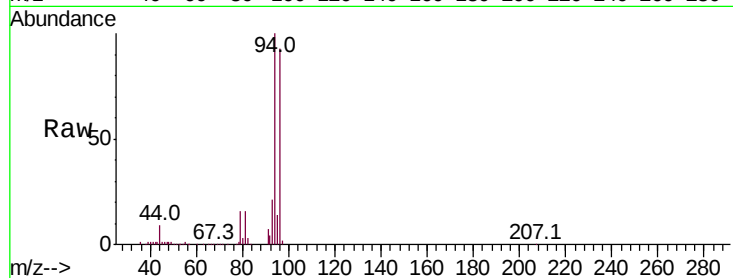
VX1028WBSD01

Tot Ion: 94 Resp: 41997

Ion Ratio Lower Upper

94 100

96 93.5 76.0 114.0



#6

Chloroethane

Concen: 19.192 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019159.D

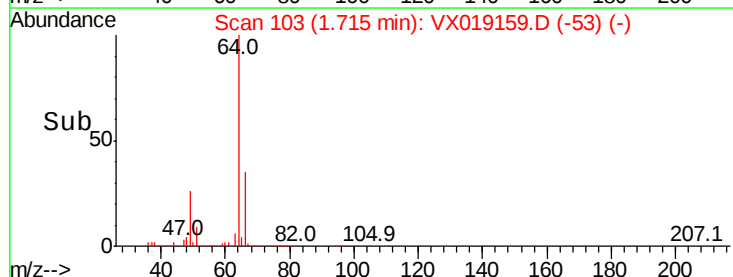
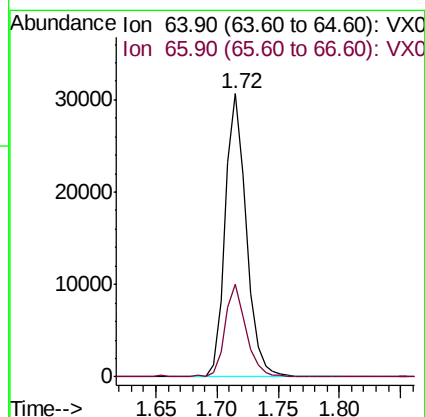
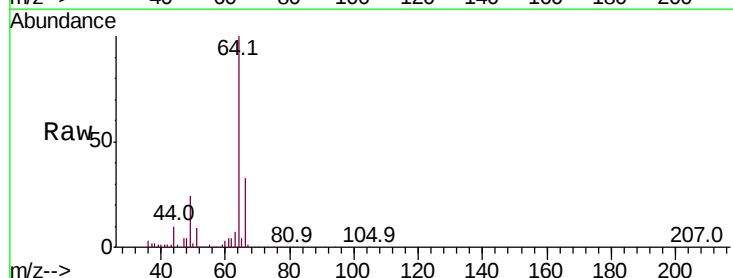
Acq: 28 Oct 2020 12:47

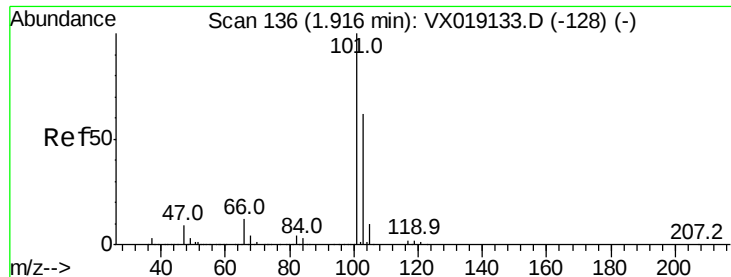
Tgt Ion: 64 Resp: 36738

Ion Ratio Lower Upper

64 100

66 32.6 27.1 40.7



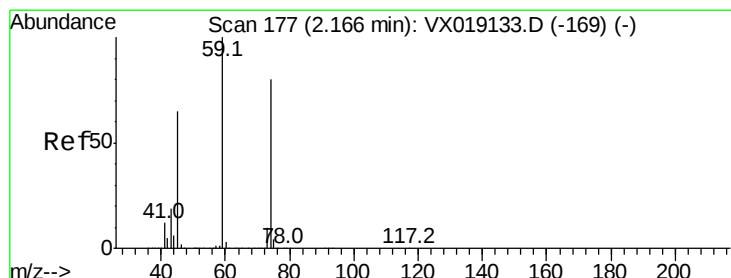
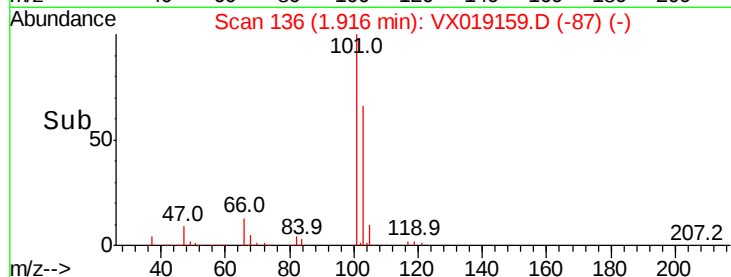
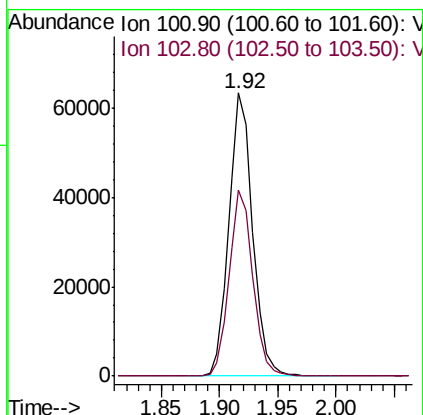
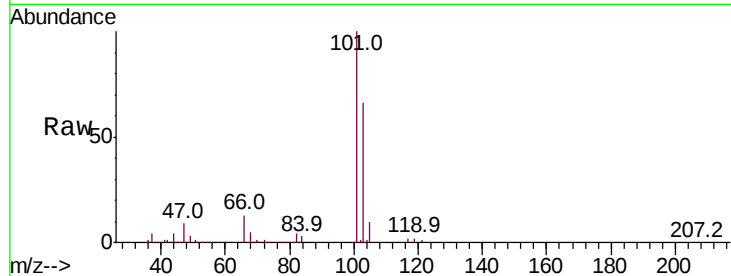


#7

Trichlorofluoromethane
Concen: 19.015 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

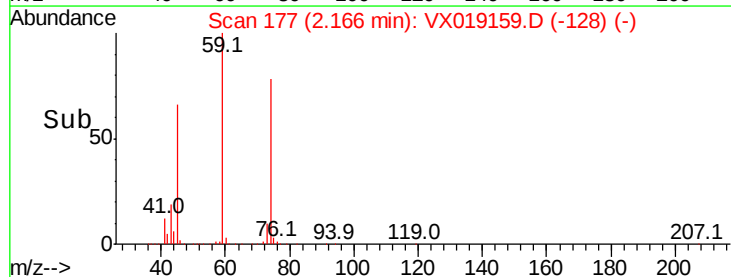
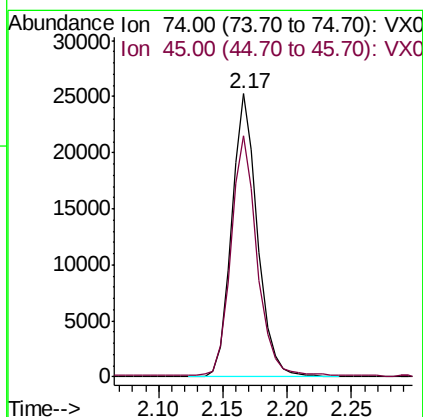
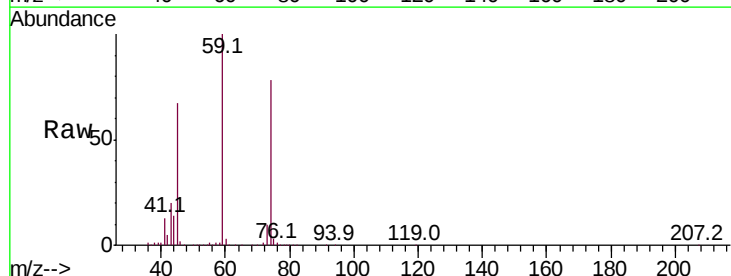
Tot Ion:101 Resp: 89562
Ion Ratio Lower Upper
101 100
103 65.9 50.0 75.0

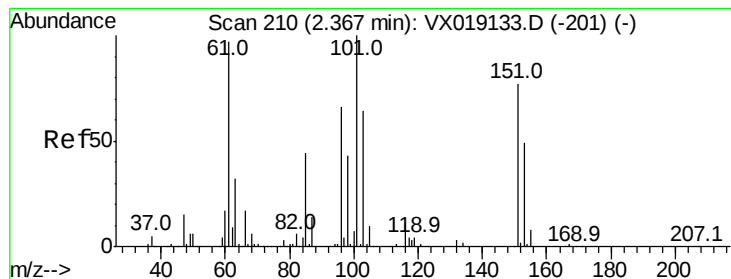


#8

Diethyl Ether
Concen: 19.556 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 74 Resp: 35351
Ion Ratio Lower Upper
74 100
45 84.8 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.401 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

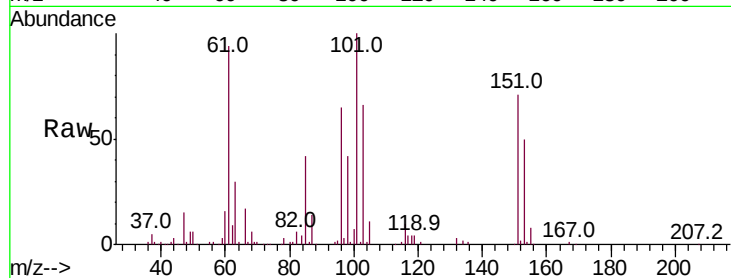
Tot Ion:101 Resp: 50650

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

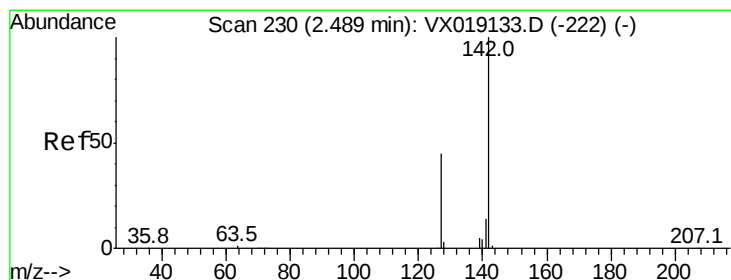
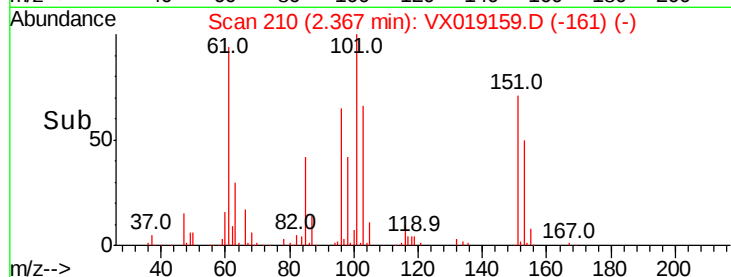
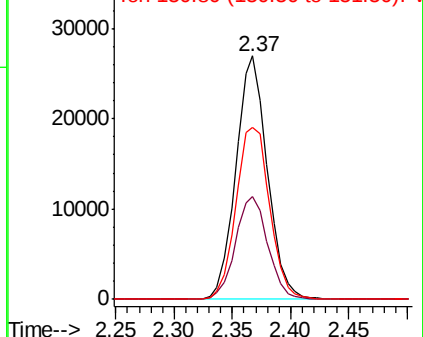
151 76.0 61.4 92.2



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: 22.063 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

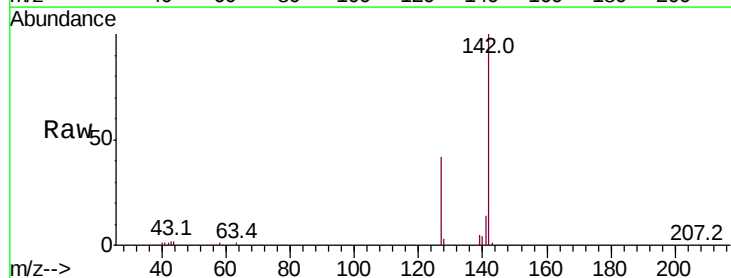
Tgt Ion:142 Resp: 55400

Ion Ratio Lower Upper

142 100

127 44.2 36.1 54.1

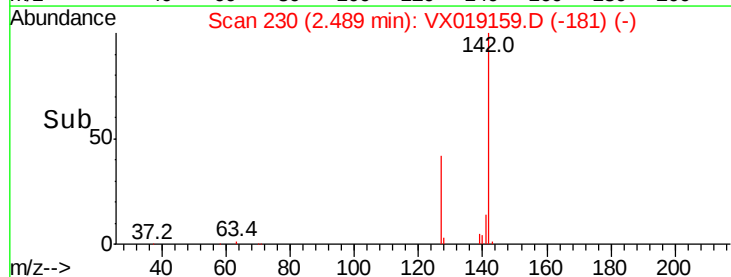
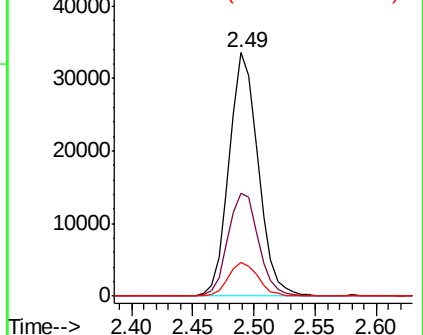
141 14.1 11.3 16.9

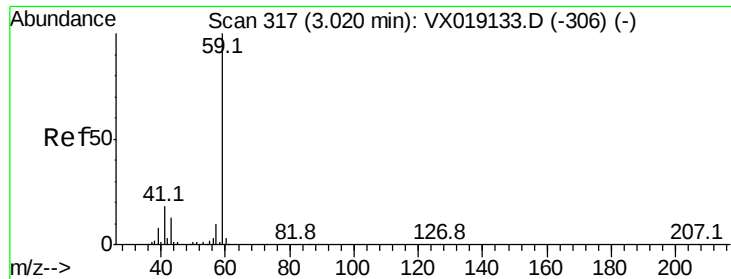


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



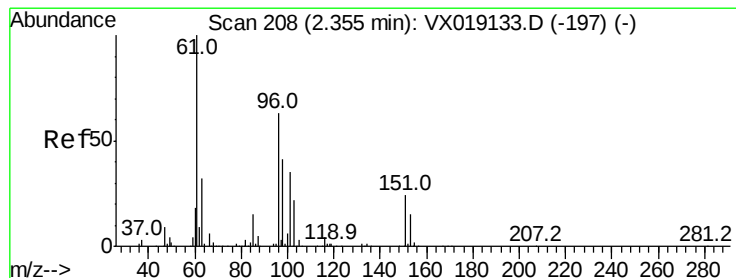
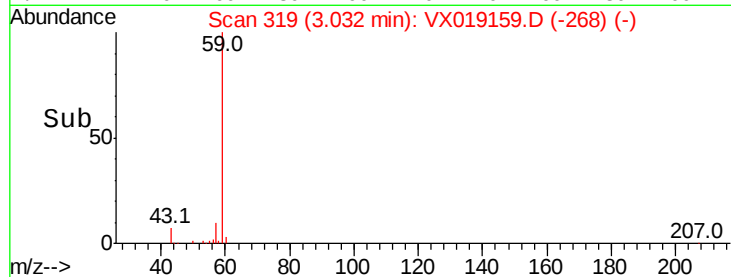
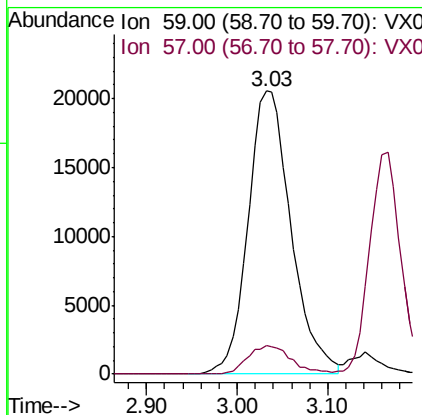
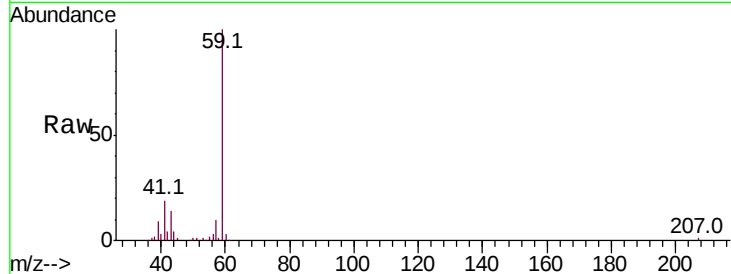


#11

Tert butyl alcohol
 Concen: 95.599 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

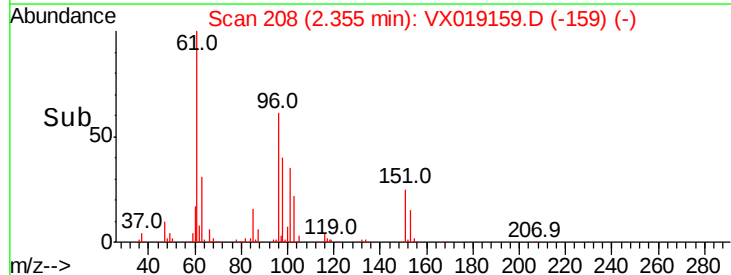
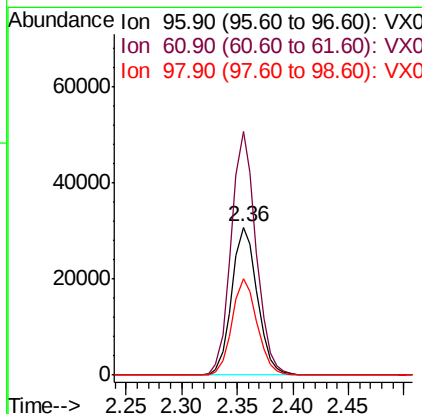
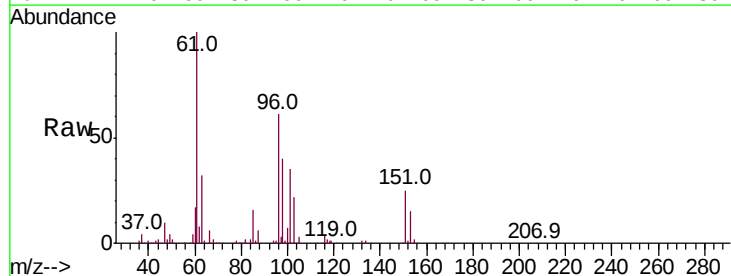
Tot Ion: 59 Resp: 67591
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

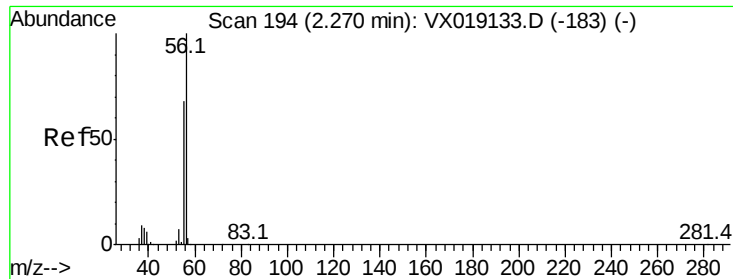


#12

1,1-Dichloroethene
 Concen: 18.308 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion: 96 Resp: 49254
 Ion Ratio Lower Upper
 96 100
 61 165.0 127.7 191.5
 98 65.4 52.1 78.1





#13

Acrolein

Concen: 90.556 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

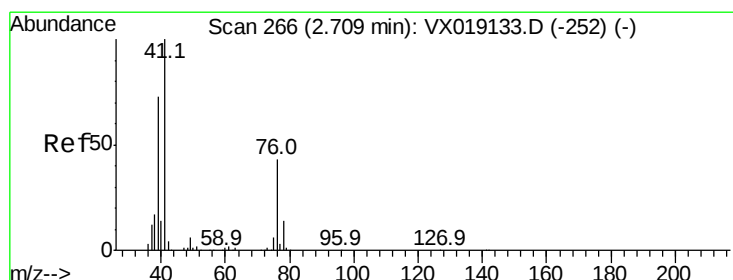
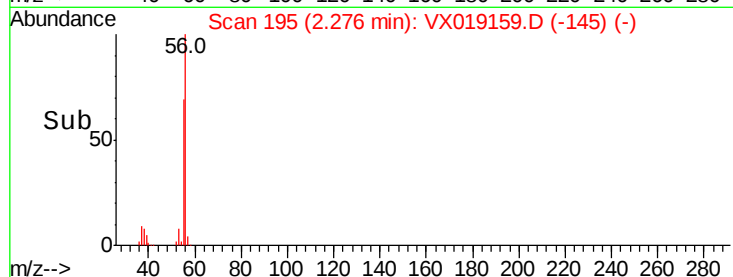
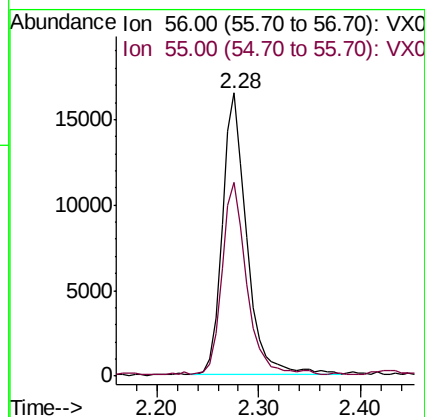
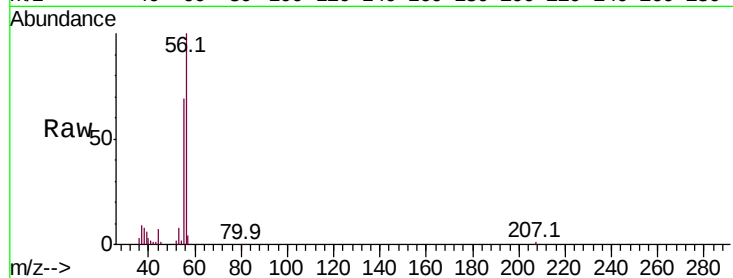
VX1028WBSD01

Tot Ion: 56 Resp: 27461

Ion Ratio Lower Upper

56 100

55 68.7 54.7 82.1



#14

Allyl chloride

Concen: 18.990 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

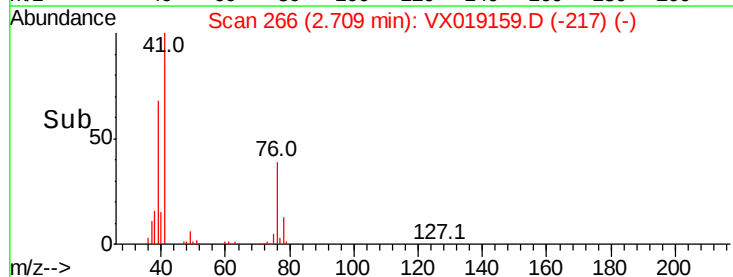
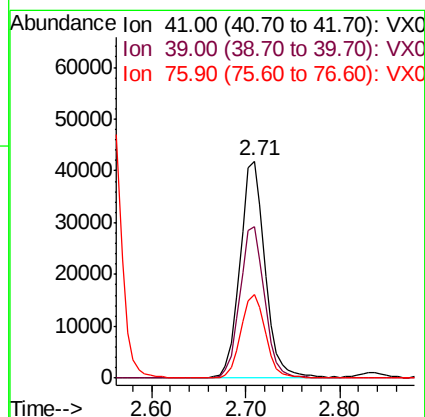
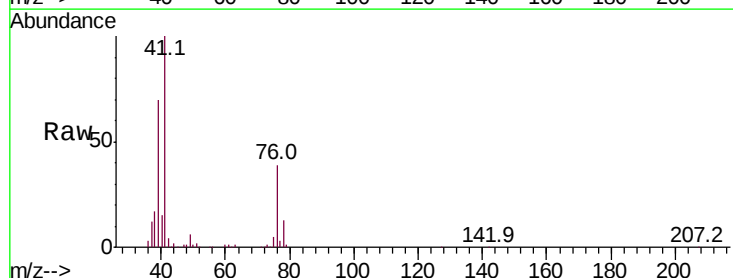
Tgt Ion: 41 Resp: 77382

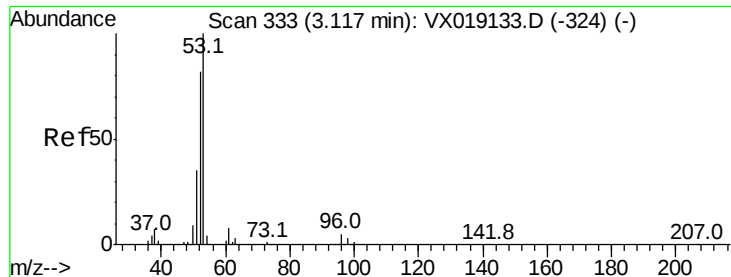
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 38.0 31.5 47.3





#15

Acrylonitrile

Concen: 95.667 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

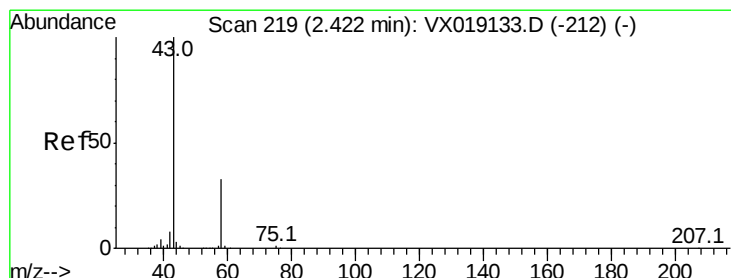
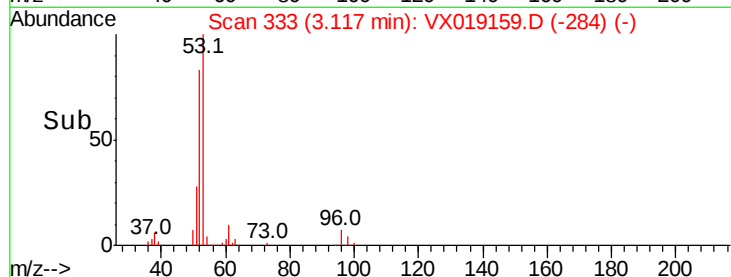
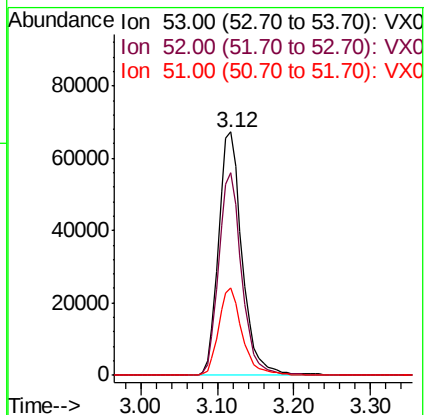
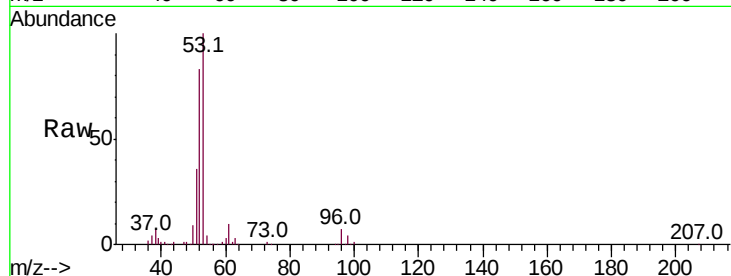
Tot Ion: 53 Resp: 142134

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

51 35.5 28.4 42.6



#16

Acetone

Concen: 97.512 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019159.D

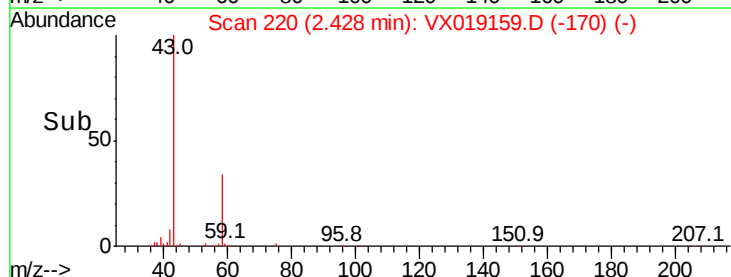
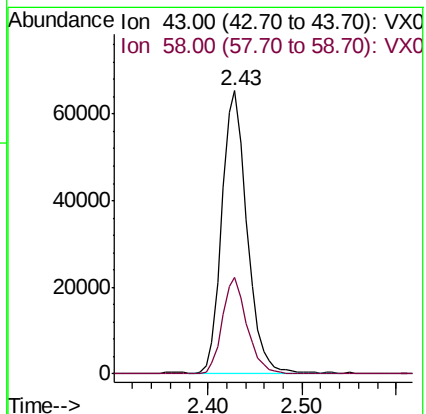
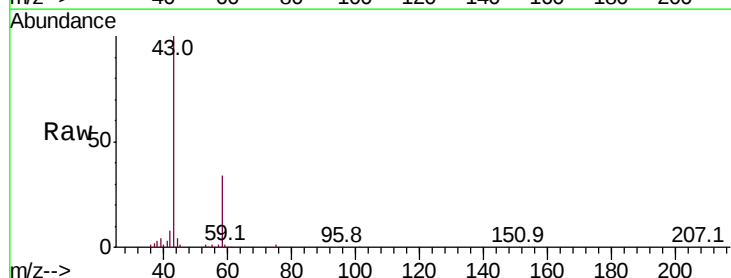
Acq: 28 Oct 2020 12:47

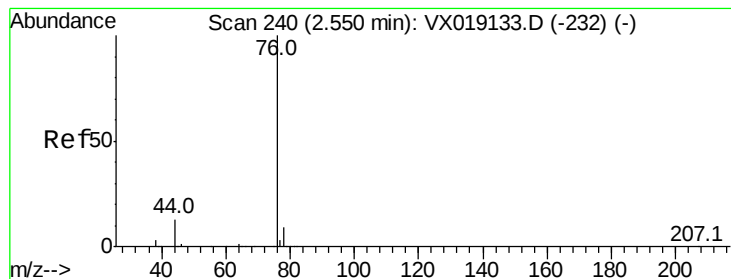
Tgt Ion: 43 Resp: 120418

Ion Ratio Lower Upper

43 100

58 34.0 26.3 39.5





#17

Carbon Disulfide

Concen: 18.094 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

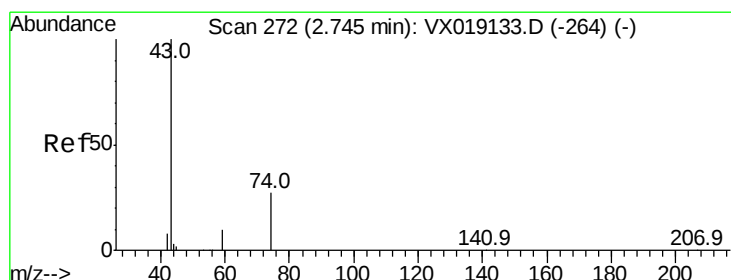
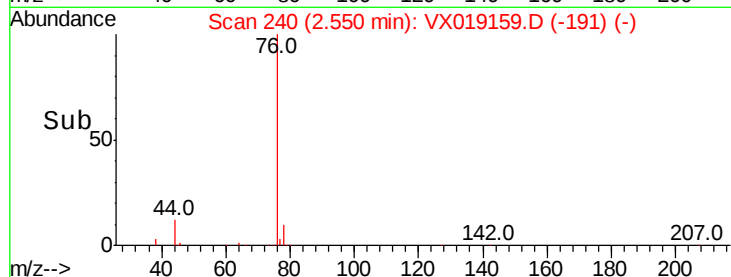
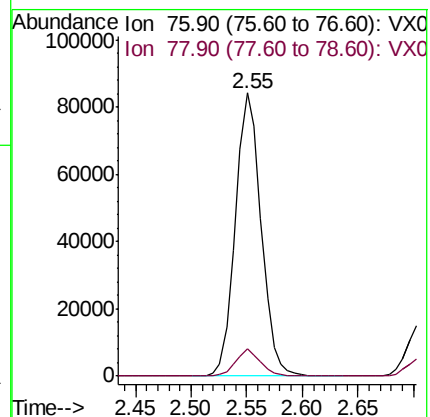
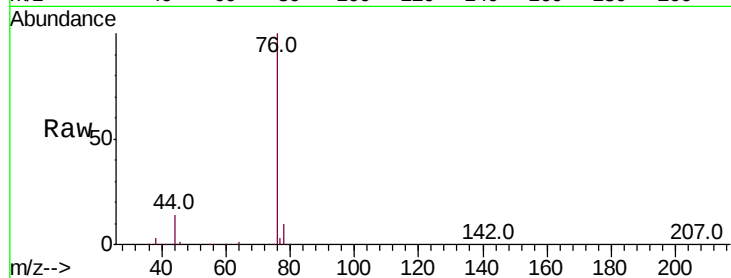
VX1028WBSD01

Tot Ion: 76 Resp: 134982

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

Methyl Acetate

Concen: 19.012 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019159.D

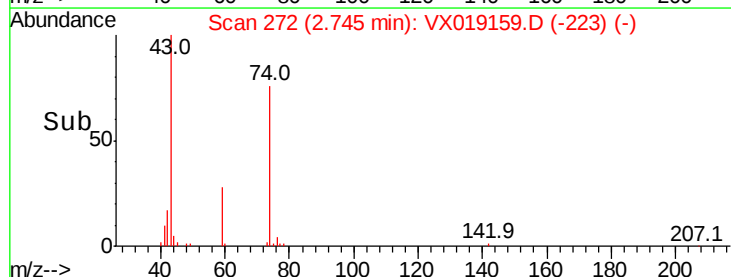
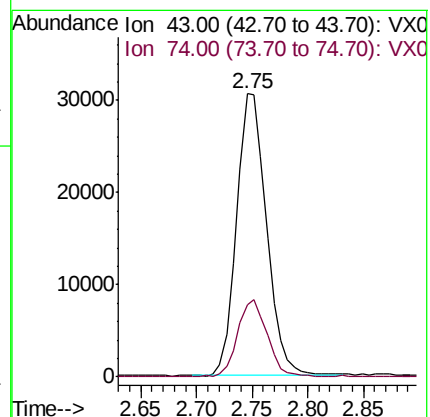
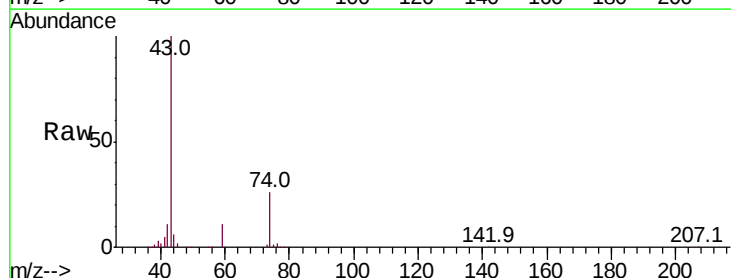
Acq: 28 Oct 2020 12:47

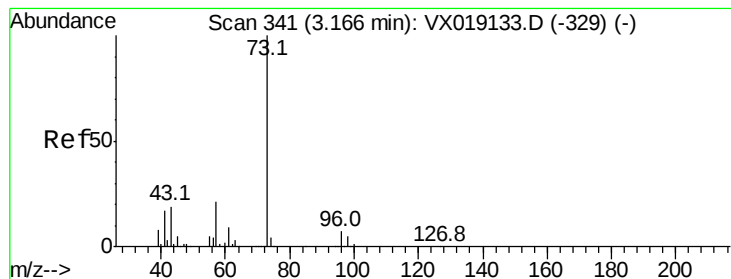
Tgt Ion: 43 Resp: 57093

Ion Ratio Lower Upper

43 100

74 27.5 22.6 33.8



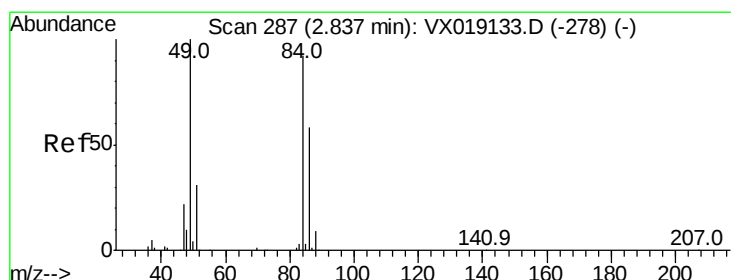
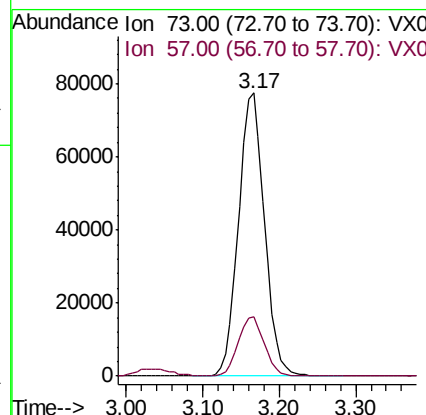
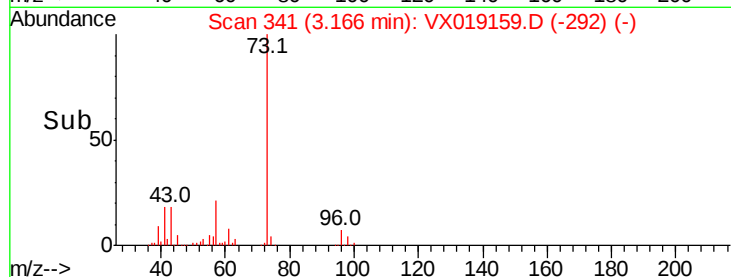
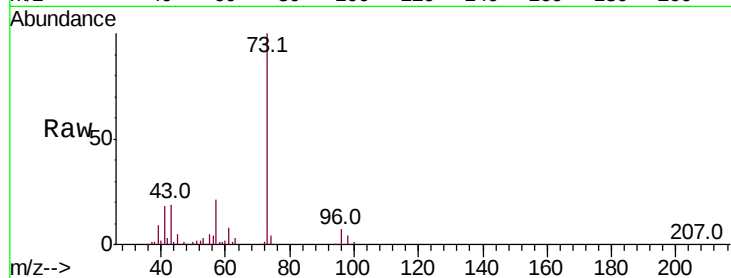


#19

Methyl tert-butyl Ether
 Concen: 19.537 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

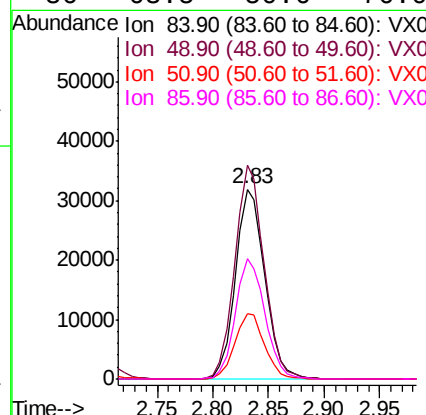
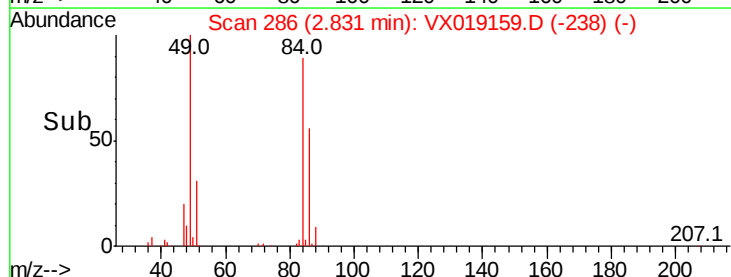
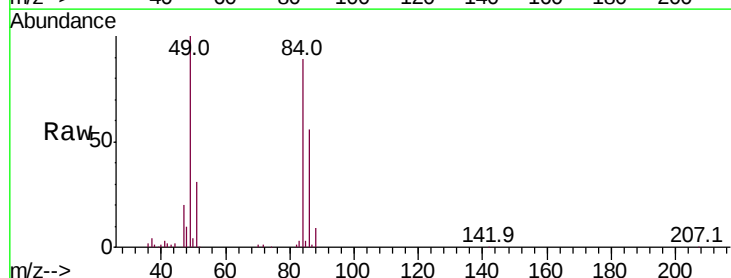
Tot Ion: 73 Resp: 182108
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.6 25.0

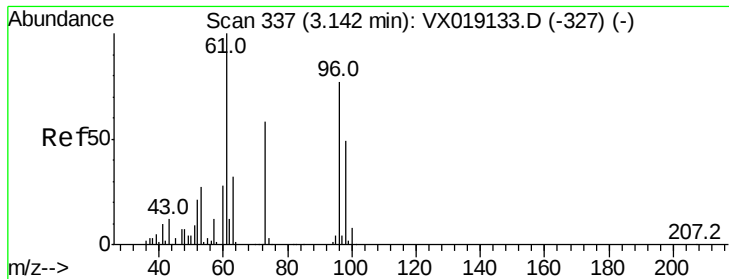


#20

Methylene Chloride
 Concen: 18.816 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion: 84 Resp: 58334
 Ion Ratio Lower Upper
 84 100
 49 112.6 86.8 130.2
 51 34.5 27.3 40.9
 86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.000 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

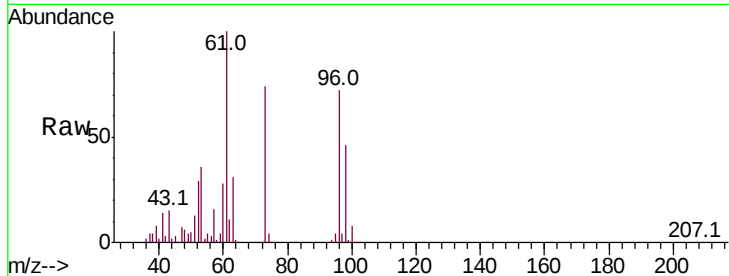
Tot Ion: 96 Resp: 55732

Ion Ratio Lower Upper

96 100

61 139.6 104.2 156.4

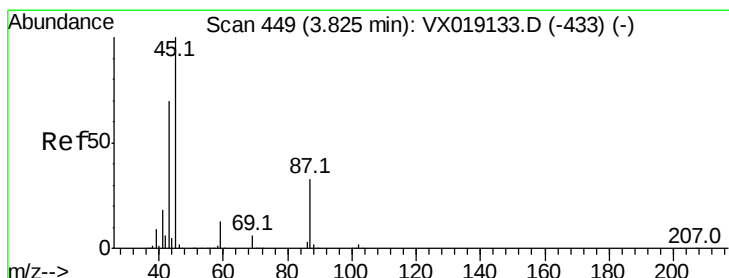
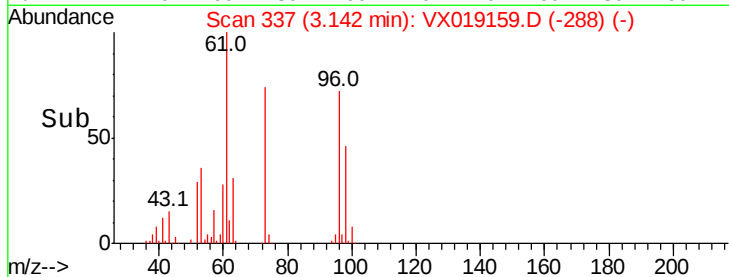
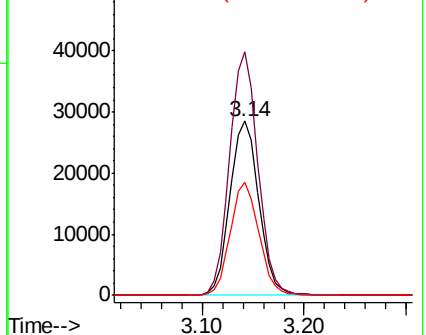
98 64.7 51.3 76.9



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: 19.943 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Tgt Ion: 45 Resp: 162011

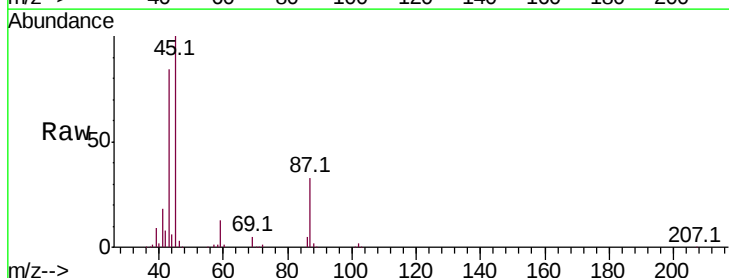
Ion Ratio Lower Upper

45 100

43 83.9 56.2 84.4

87 32.8 26.2 39.2

59 12.7 10.1 15.1

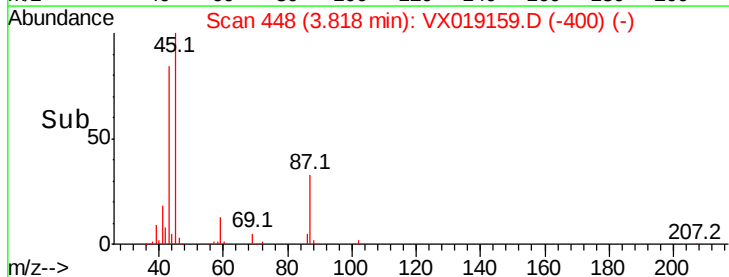
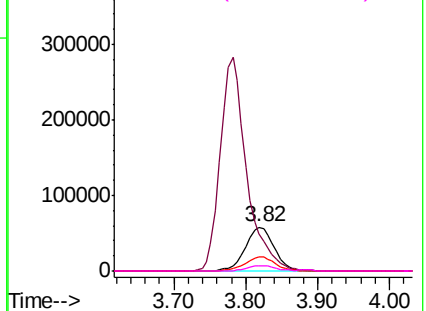


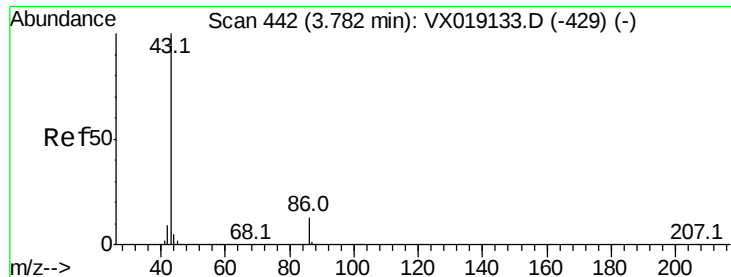
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 99.859 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

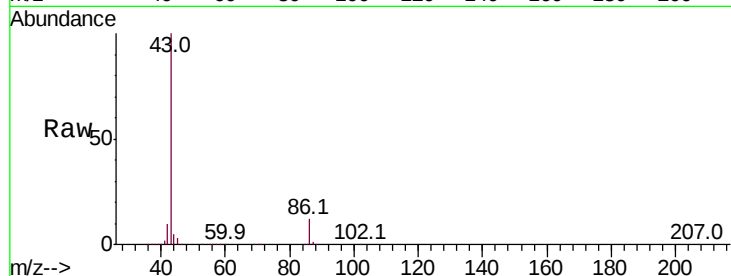
VX1028WBSD01

Tot Ion: 43 Resp: 723408

Ion Ratio Lower Upper

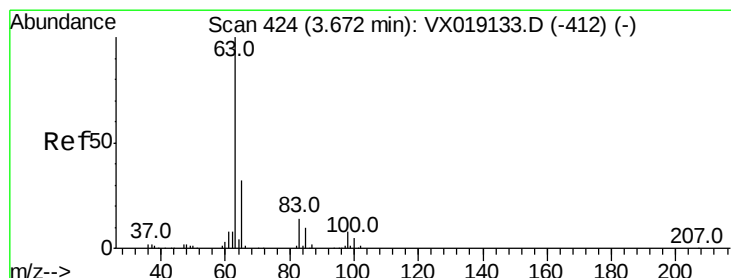
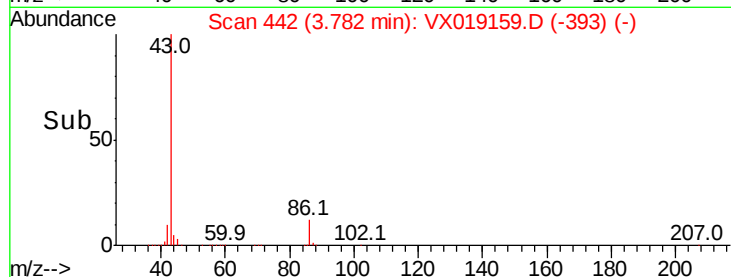
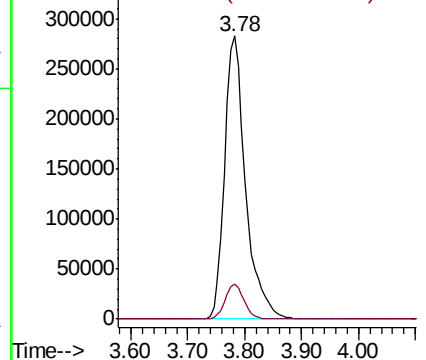
43 100

86 12.4 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: 19.151 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

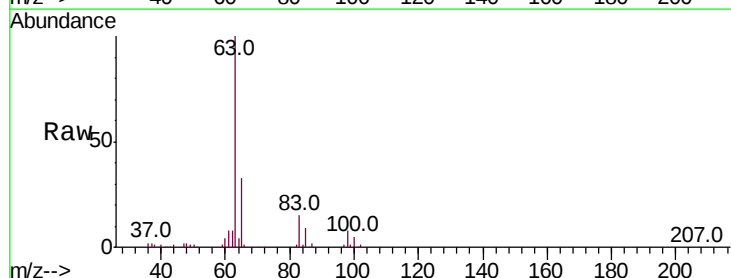
Tgt Ion: 63 Resp: 97136

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

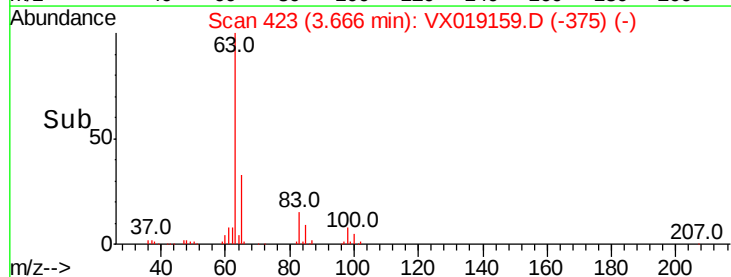
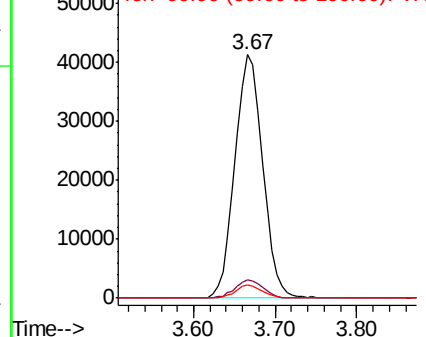
100 5.2 2.4 7.2

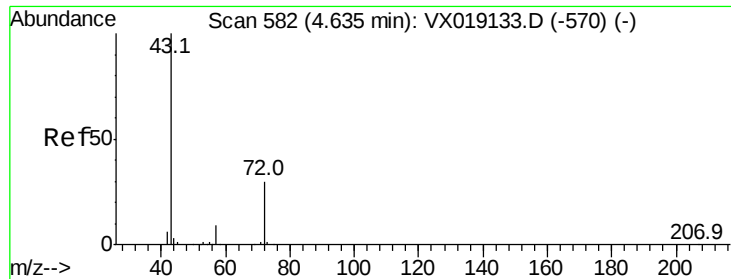


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.596 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

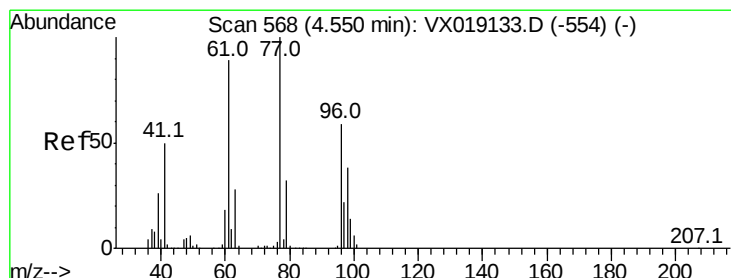
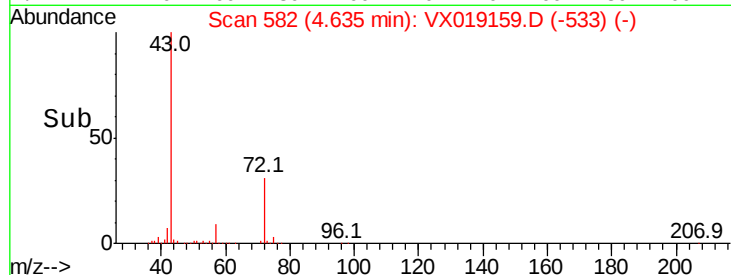
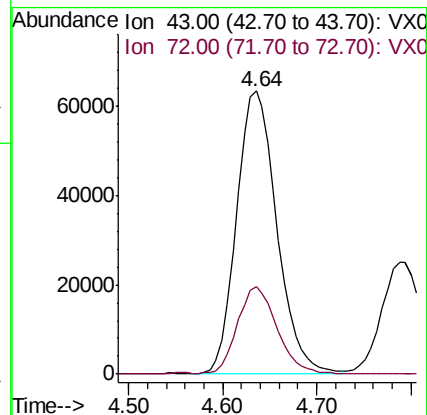
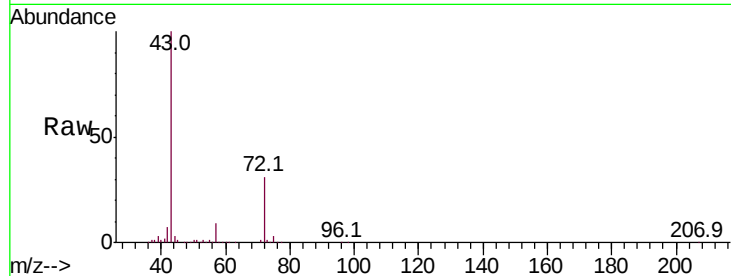
VX1028WBSD01

Tot Ion: 43 Resp: 187996

Ion Ratio Lower Upper

43 100

72 30.6 24.6 36.8



#26

2,2-Dichloropropane

Concen: 18.698 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019159.D

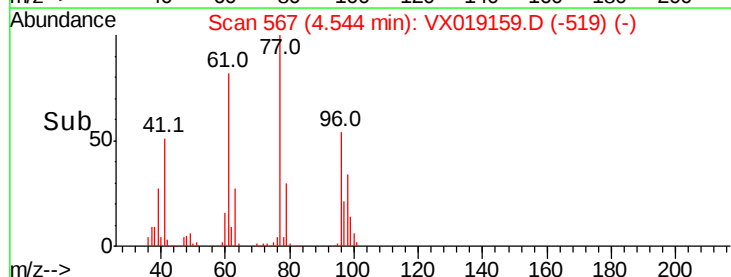
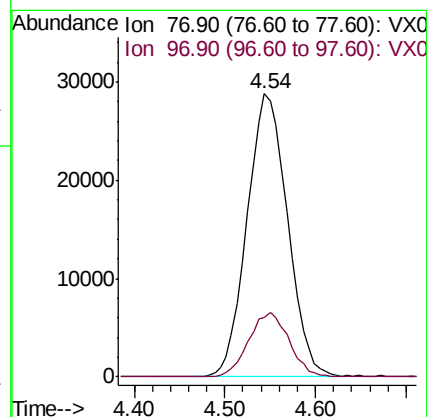
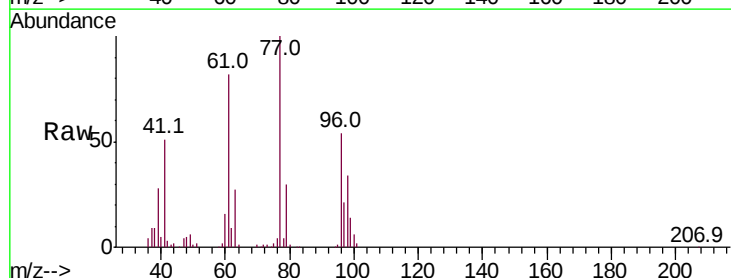
Acq: 28 Oct 2020 12:47

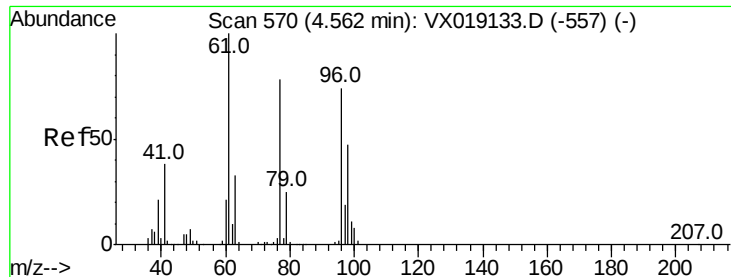
Tgt Ion: 77 Resp: 89157

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



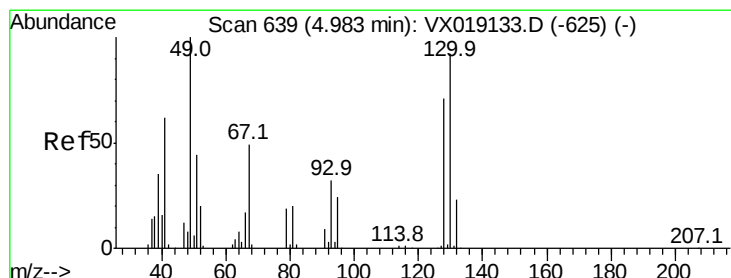
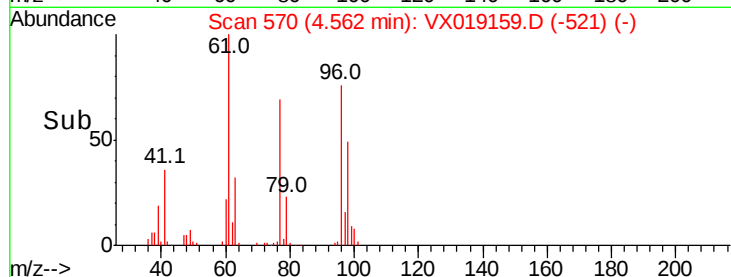
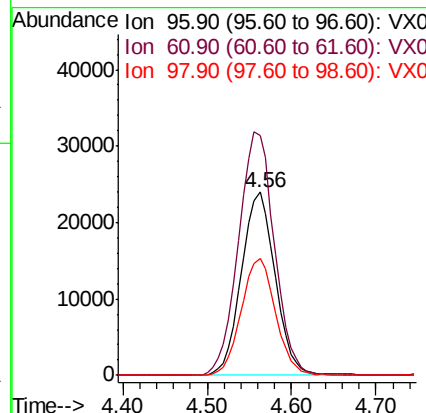
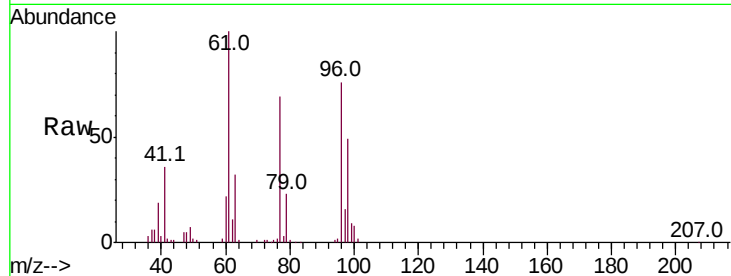


#27

cis-1,2-Dichloroethene
Concen: 18.790 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

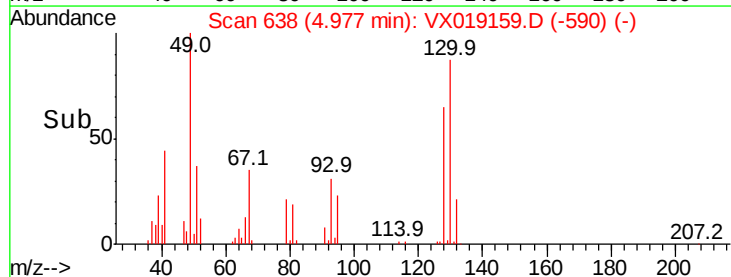
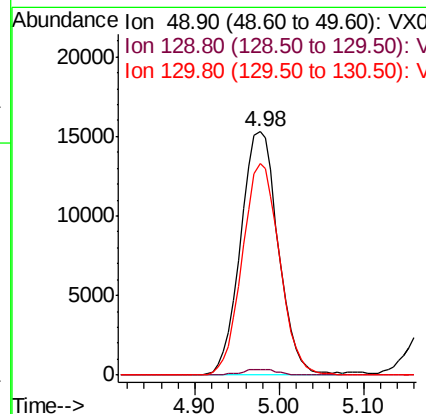
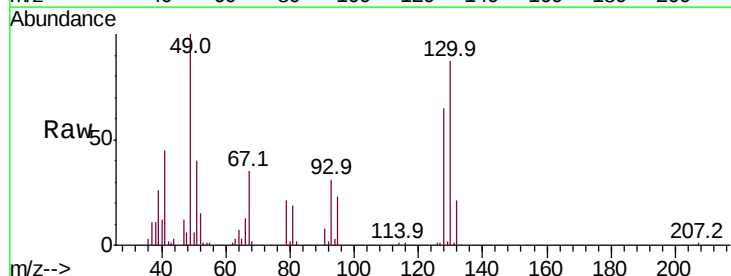
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	278.8
98	64.7	0.0	130.2

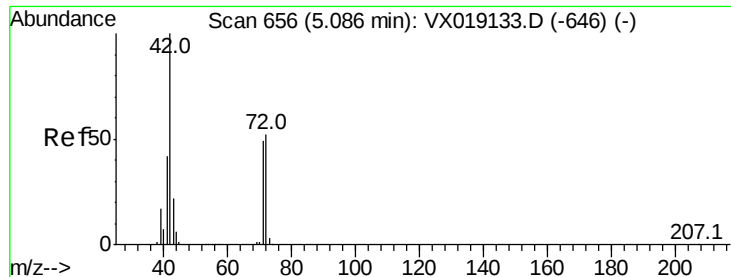


#28

Bromochloromethane
Concen: 20.132 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	85.8	71.3	106.9

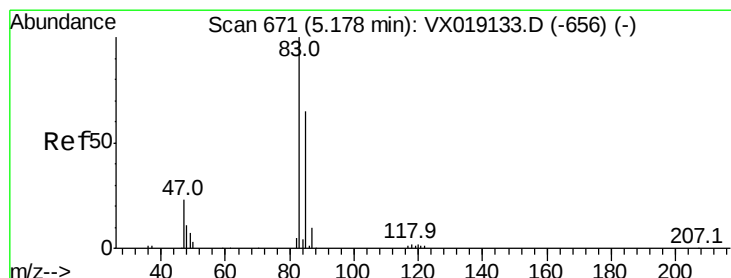
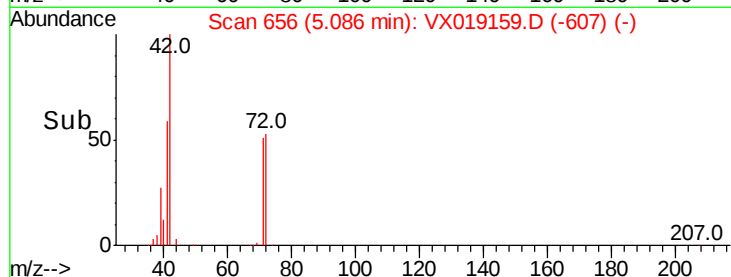
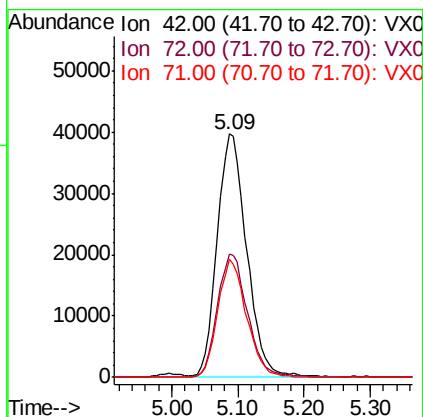
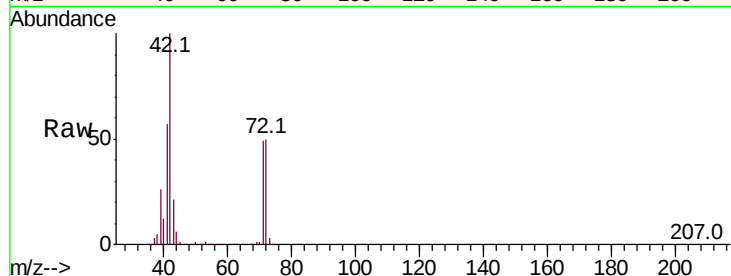




#29
Tetrahydrofuran
Concen: 99.429 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

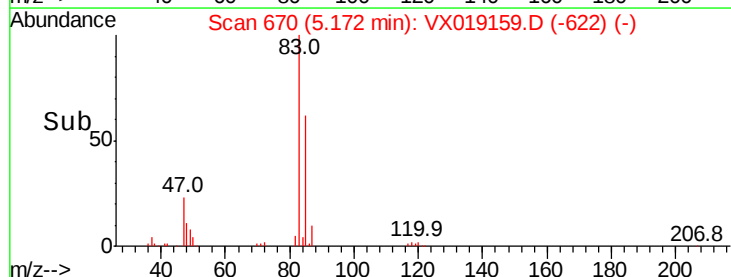
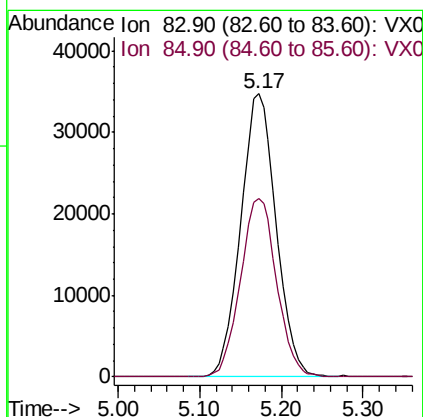
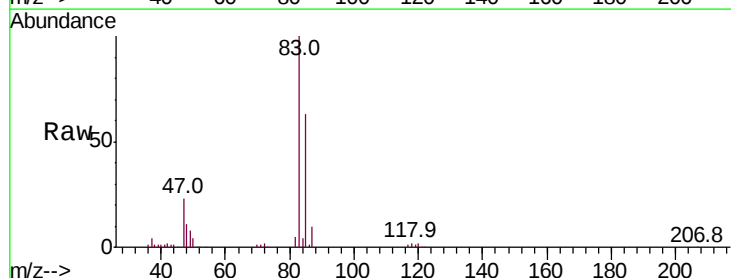
Instrument :
MSVOA_X
ClientSampled :
VX1028WBSD01

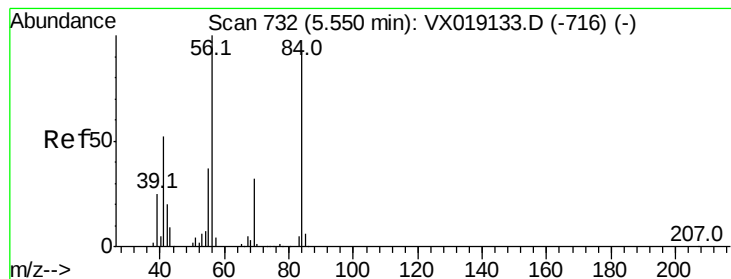
Tot Ion: 42 Resp: 121949
Ion Ratio Lower Upper
42 100
72 52.2 42.6 63.8
71 47.4 39.7 59.5



#30
Chloroform
Concen: 19.448 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 83 Resp: 104995
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9





#31

Cyclohexane

Concen: 18.974 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

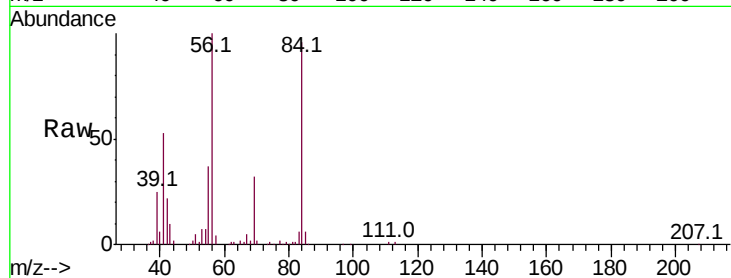
Tot Ion: 56 Resp: 85856

Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

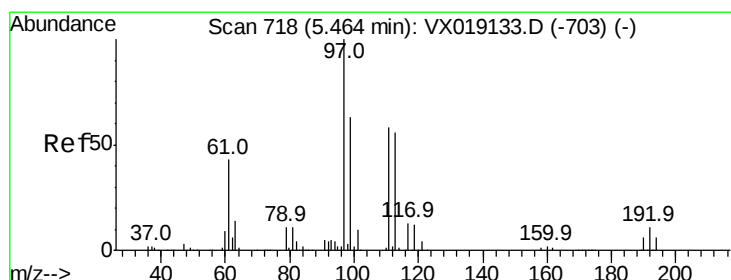
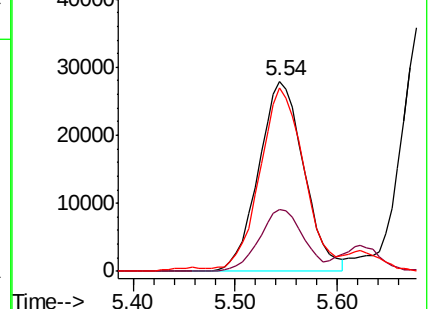
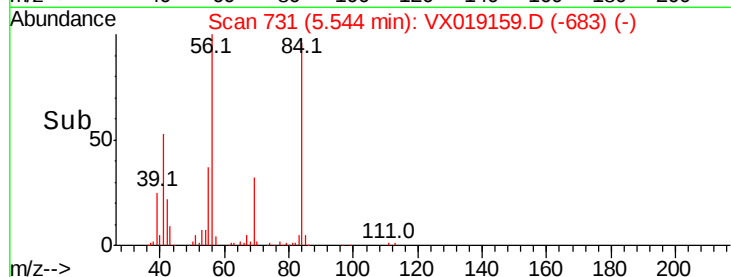
84 94.5 73.4 110.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.147 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

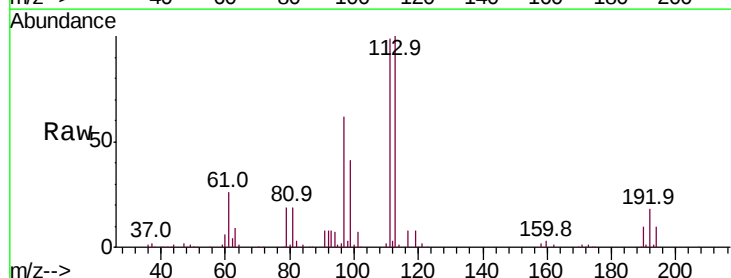
Tgt Ion: 97 Resp: 93720

Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

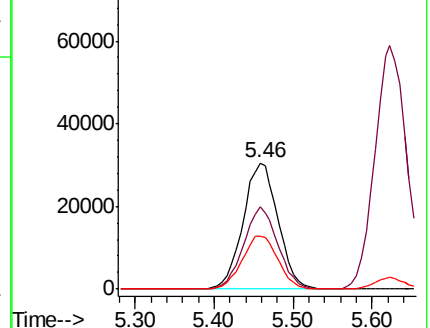
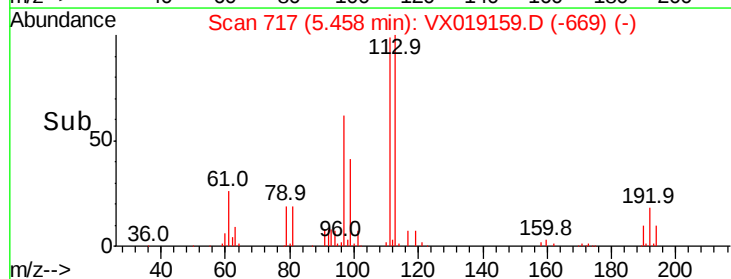
61 42.9 34.2 51.2

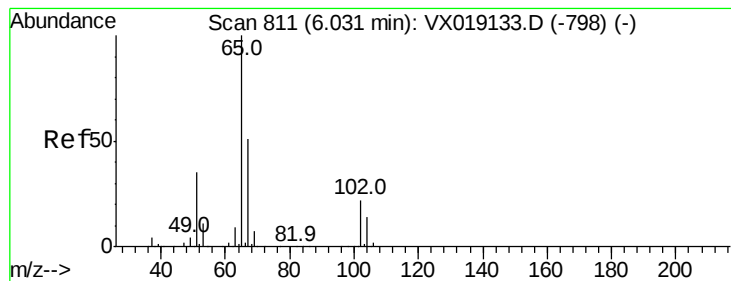


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.000 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

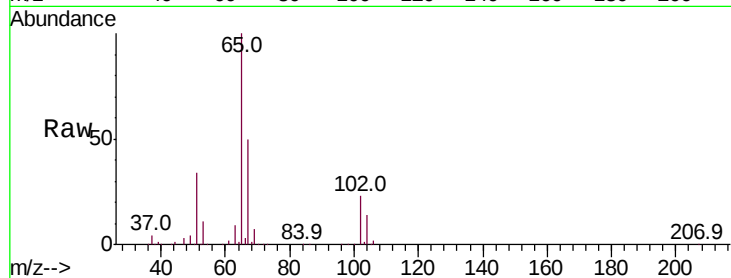
VX1028WBSD01

Tot Ion: 65 Resp: 175401

Ion Ratio Lower Upper

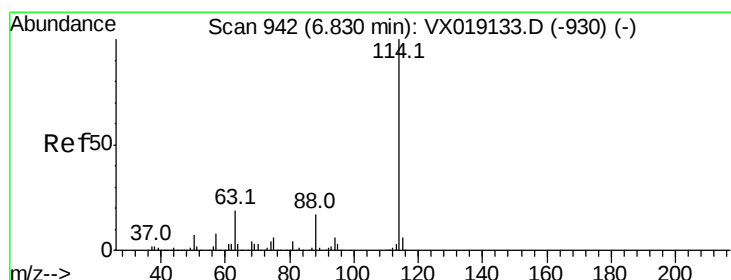
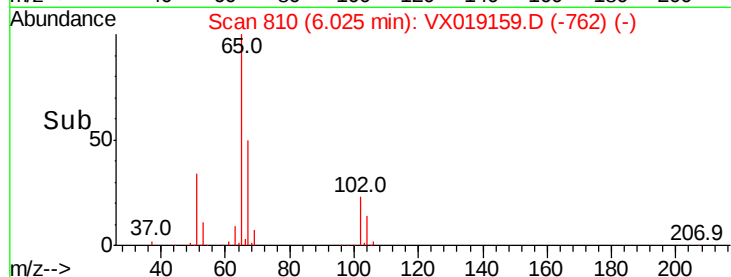
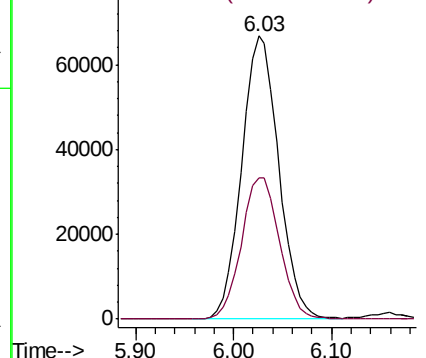
65 100

67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

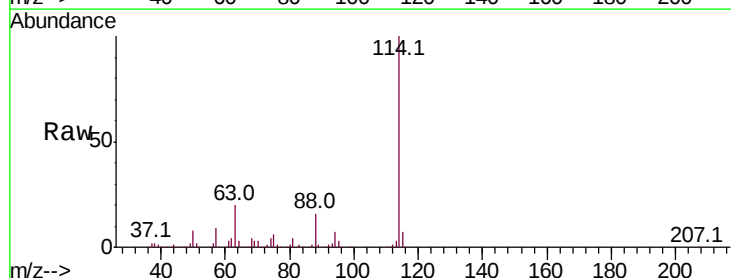
Tgt Ion:114 Resp: 452629

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

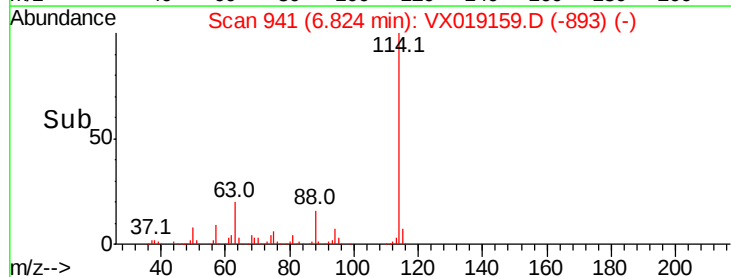
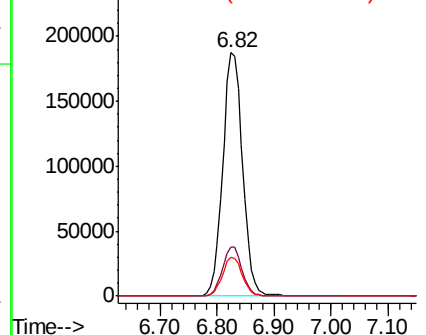
88 16.2 0.0 34.2

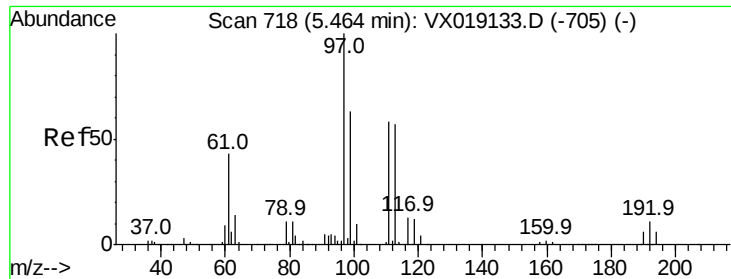


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

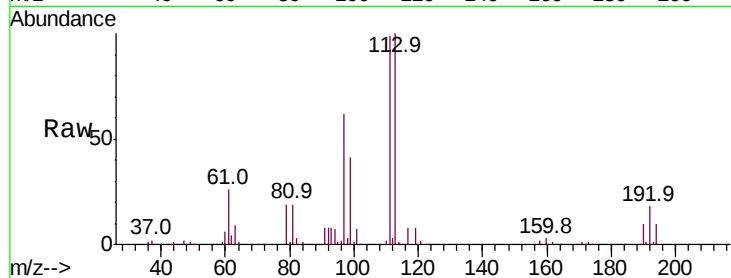




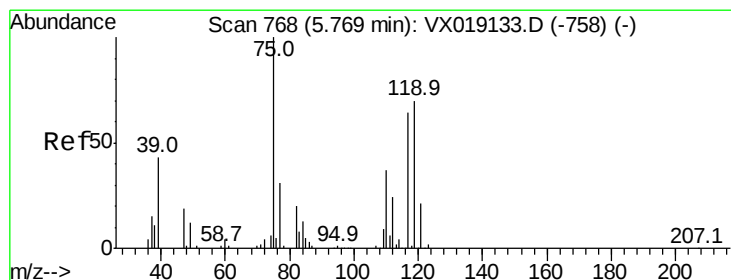
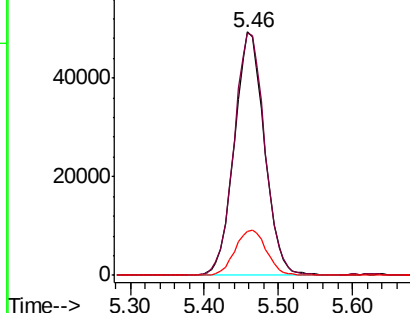
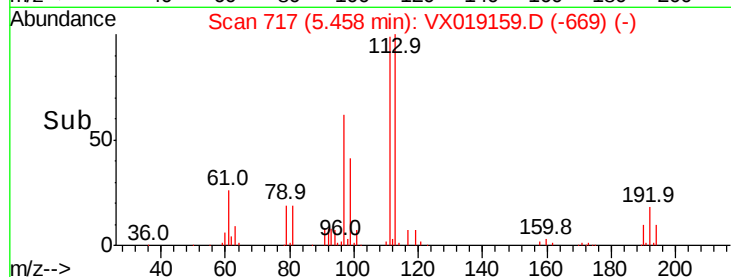
#35
 Dibromofluoromethane
 Concen: 49.322 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Tot Ion:113 Resp: 140230
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 19.6 16.2 24.2

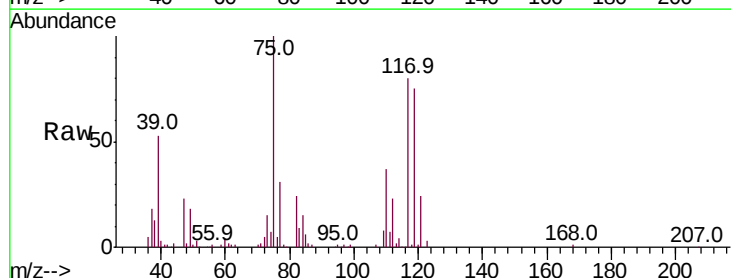


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

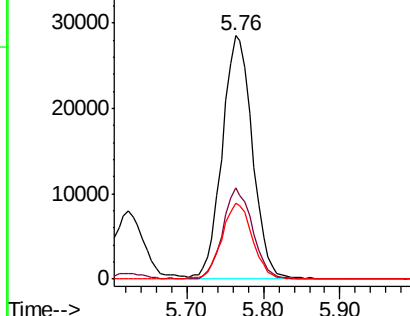
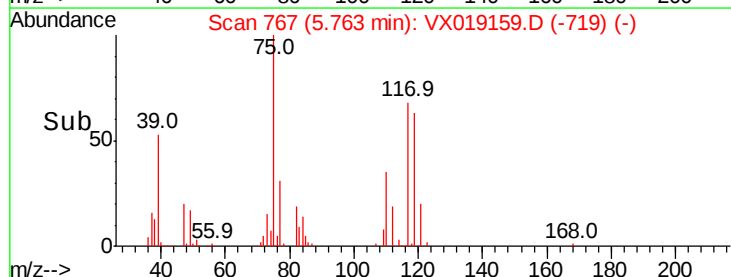


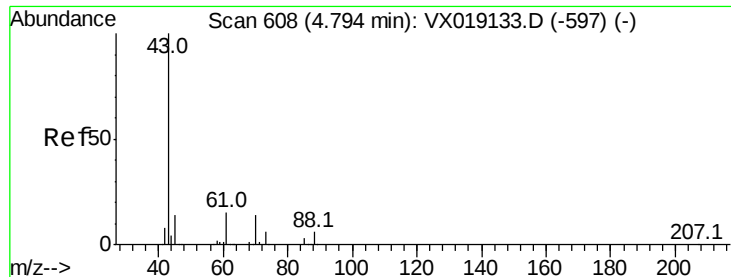
#36
 1,1-Dichloropropene
 Concen: 18.721 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion: 75 Resp: 78249
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.3 54.9
 77 31.5 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

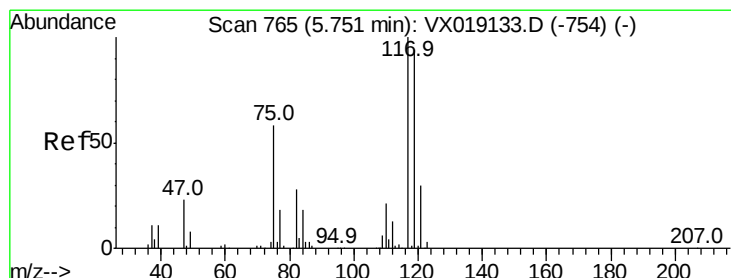
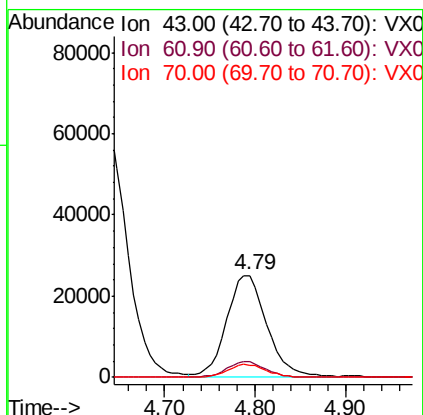
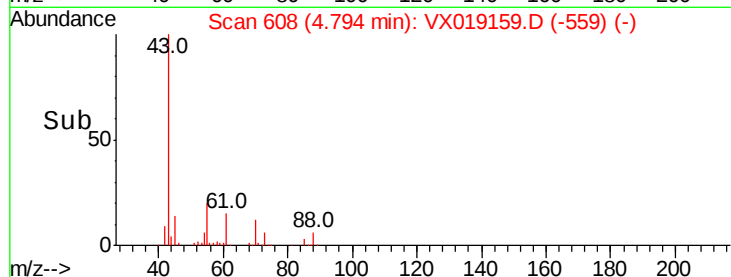
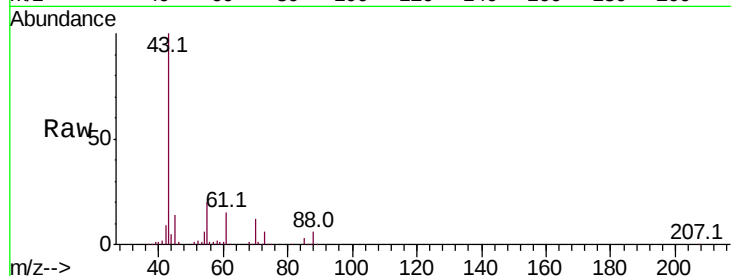




#37
Ethyl Acetate
Concen: 19.524 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

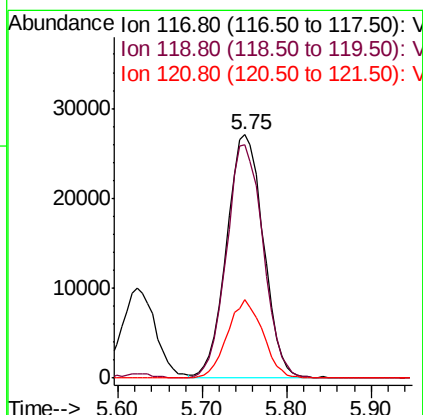
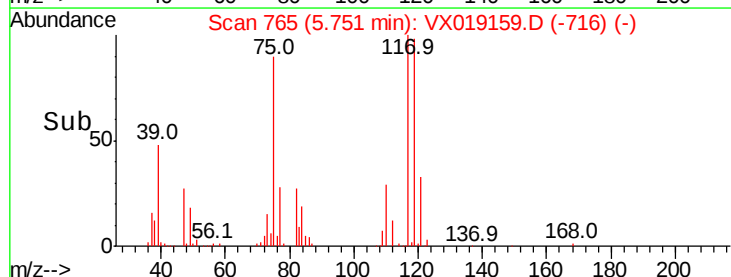
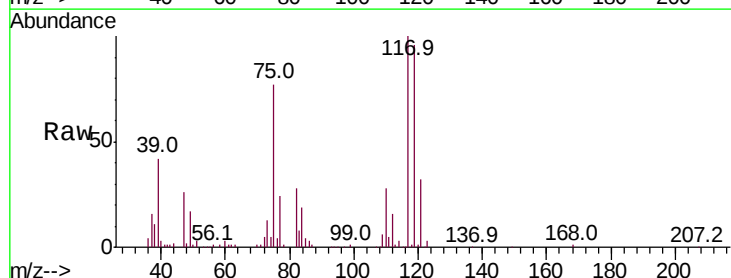
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

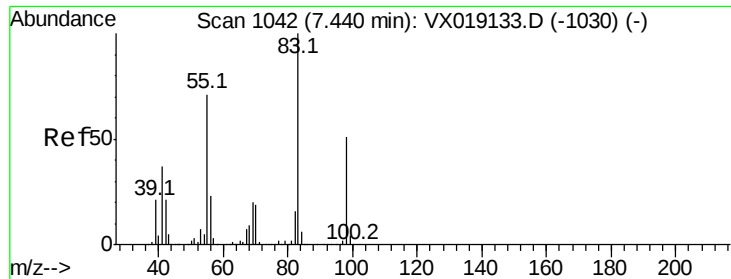
Tot Ion: 43 Resp: 75768
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.886 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 117 Resp: 80462
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 32.5 23.9 35.9

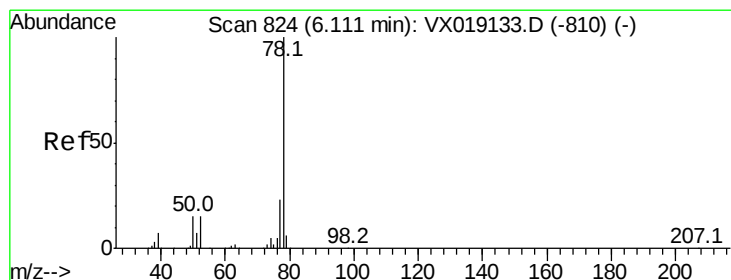
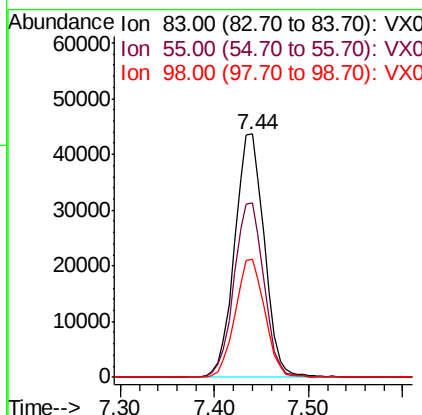
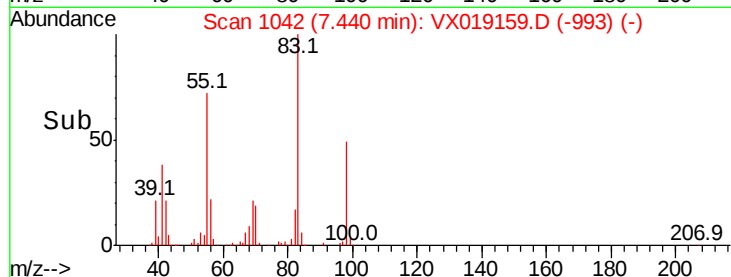
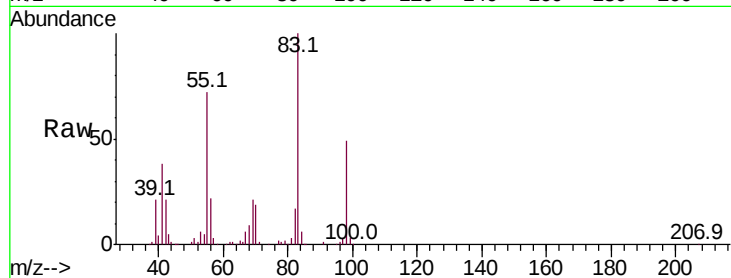




#39
Methvlcvclohexane
Concen: 19.161 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

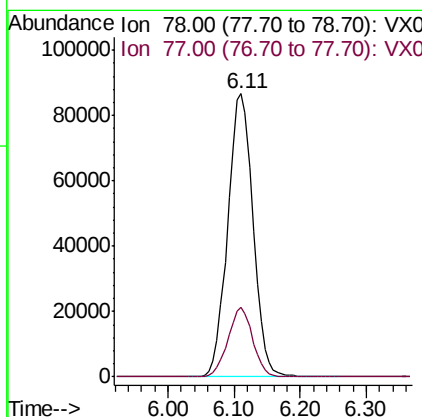
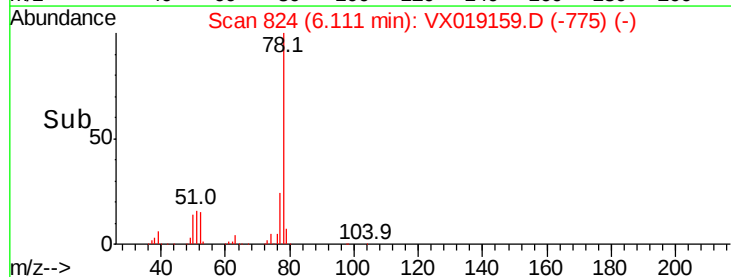
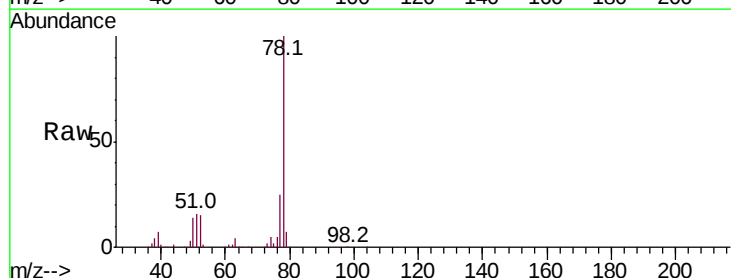
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

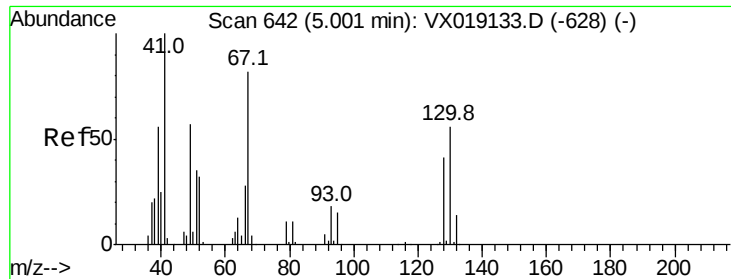
Tot Ion: 83 Resp: 95759
Ion Ratio Lower Upper
83 100
55 71.8 57.0 85.6
98 48.7 40.5 60.7



#40
Benzene
Concen: 19.391 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 78 Resp: 229796
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

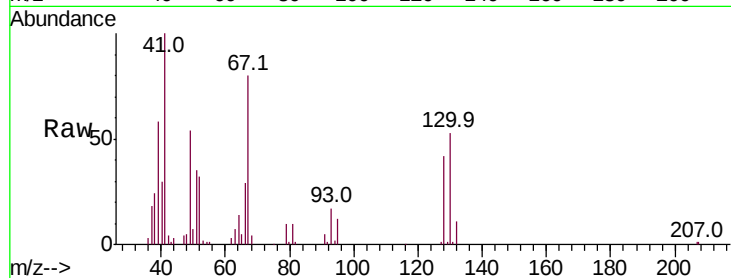




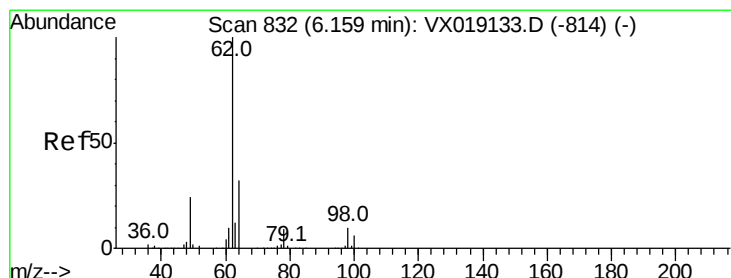
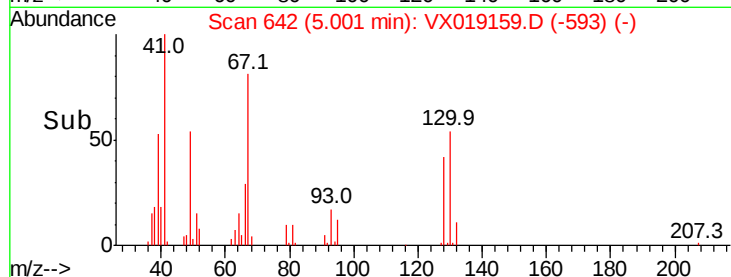
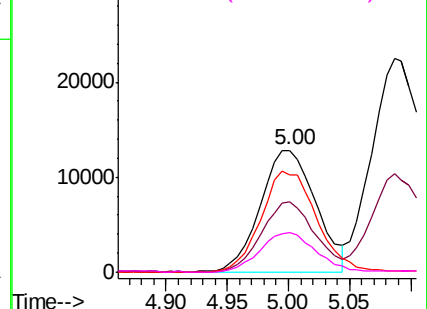
#41
Methacrylonitrile
Concen: 19.465 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tot Ion:	41	Resp:	40680
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.4	66.6
67	83.2	66.4	99.6
52	33.1	26.2	39.4

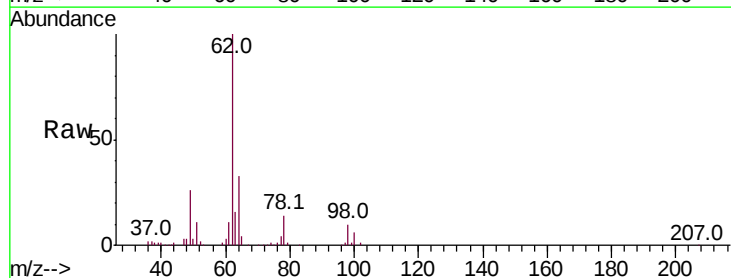


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

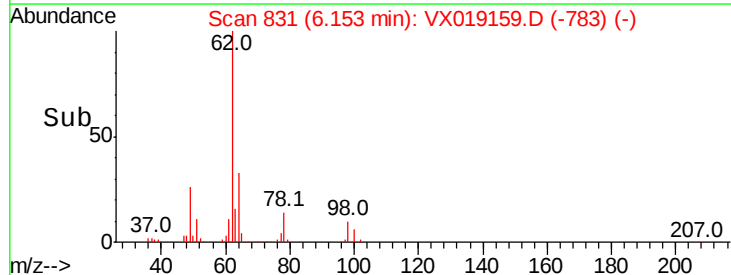
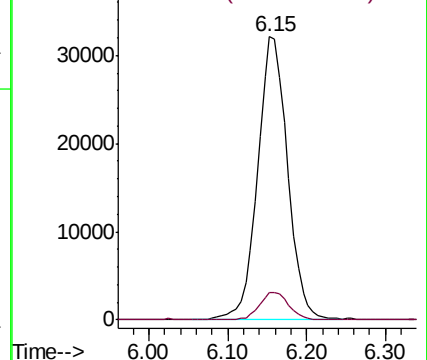


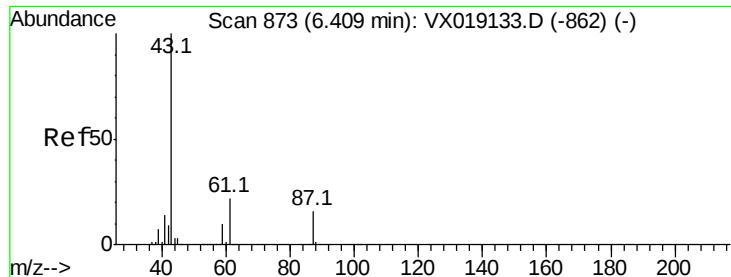
#42
1,2-Dichloroethane
Concen: 19.498 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion:	62	Resp:	85158
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0



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



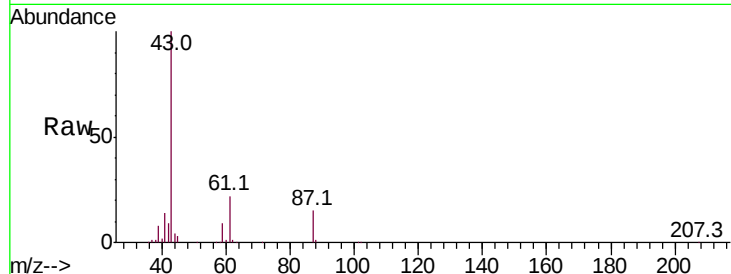


#43

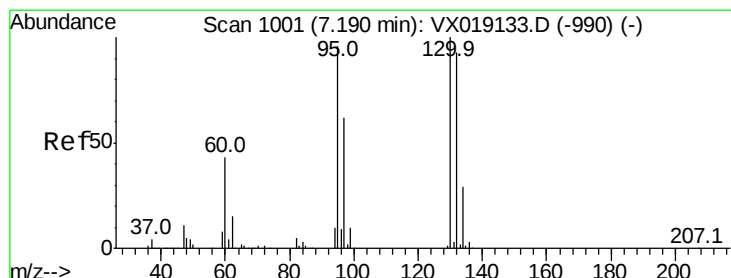
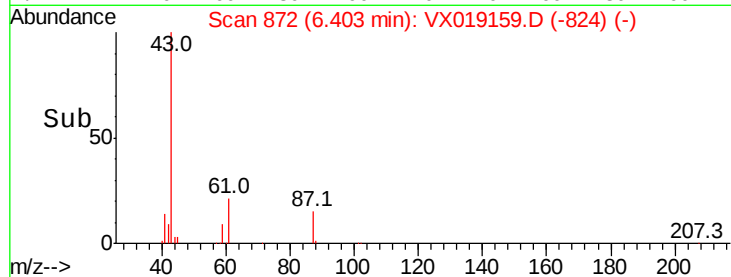
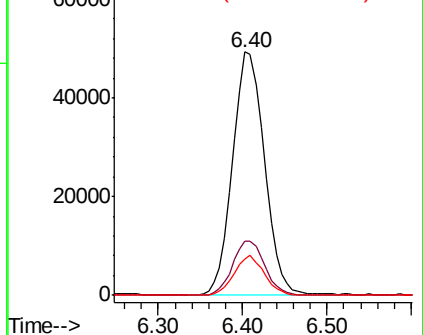
Isopropyl Acetate
 Concen: 19.437 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Tot Ion: 43 Resp: 126304
 Ion Ratio Lower Upper
 43 100
 61 22.5 17.8 26.6
 87 15.4 12.6 19.0



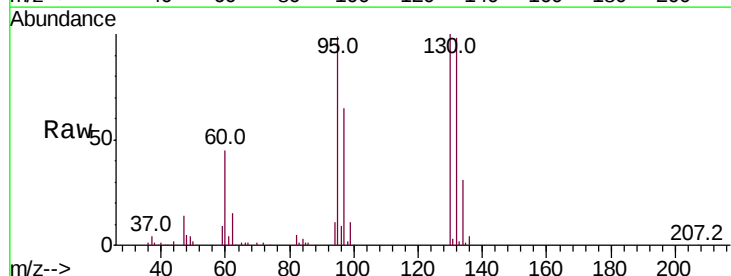
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



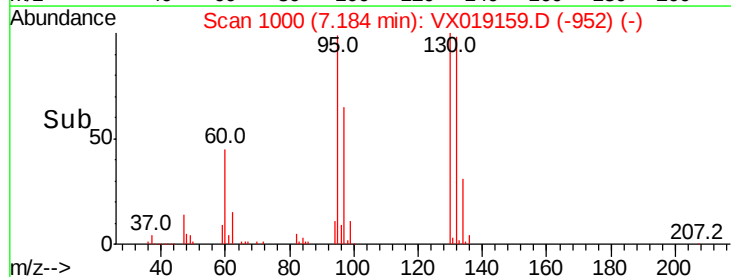
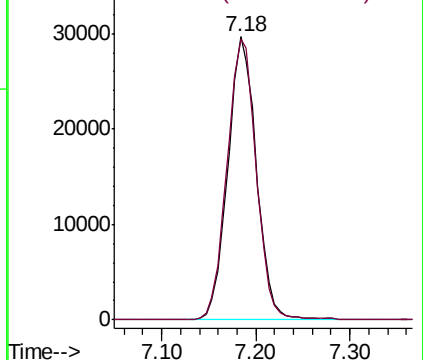
#44

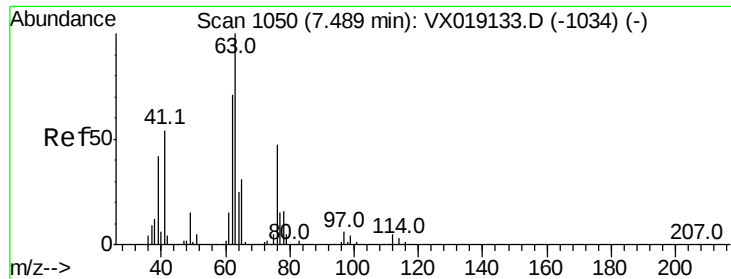
Trichloroethene
 Concen: 18.371 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion:130 Resp: 62352
 Ion Ratio Lower Upper
 130 100
 95 99.1 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: 19.598 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

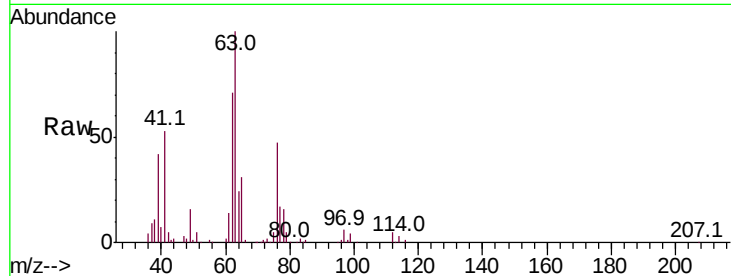
VX1028WBSD01

Tot Ion: 63 Resp: 56886

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

30000

25000

20000

15000

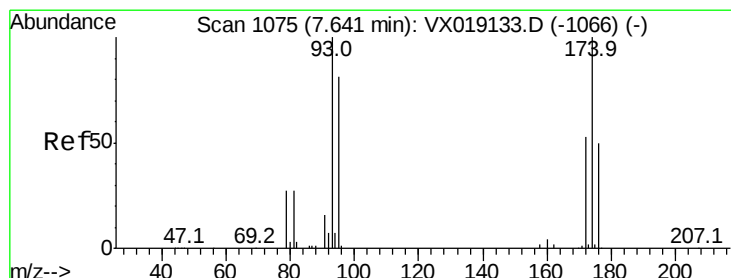
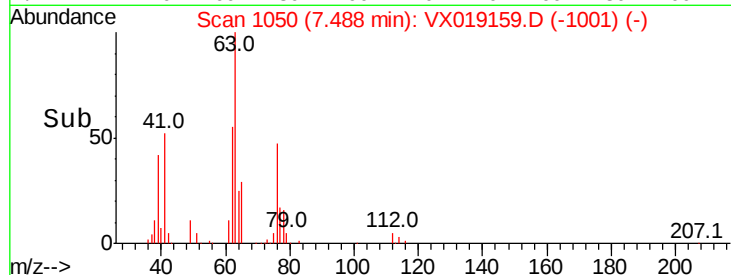
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 19.068 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

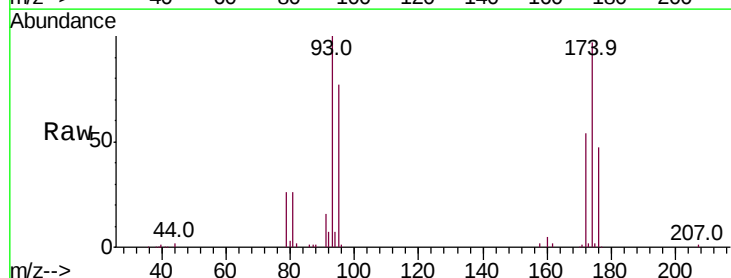
Tgt Ion: 93 Resp: 40927

Ion Ratio Lower Upper

93 100

95 80.9 67.0 100.6

174 99.2 81.7 122.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.63

30000

25000

20000

15000

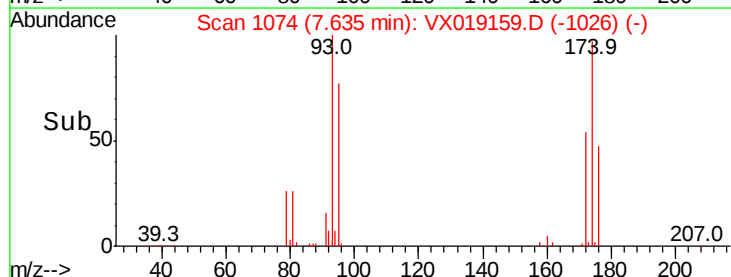
10000

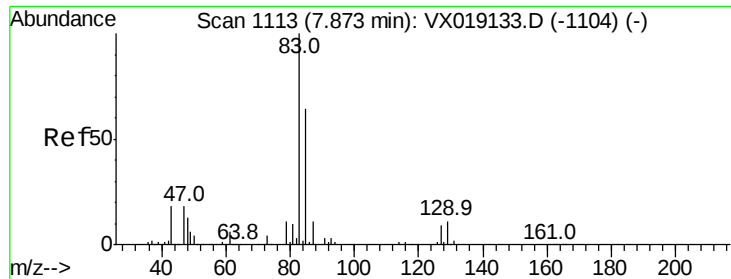
5000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 19.208 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

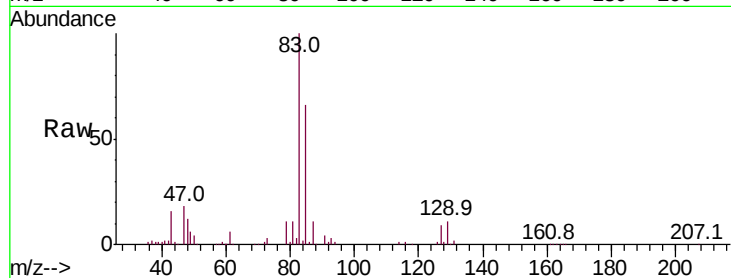
Tot Ion: 83 Resp: 81264

Ion Ratio Lower Upper

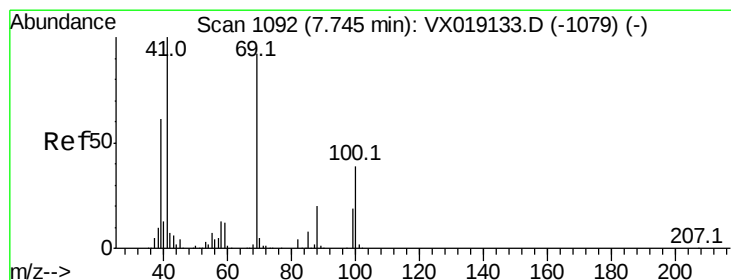
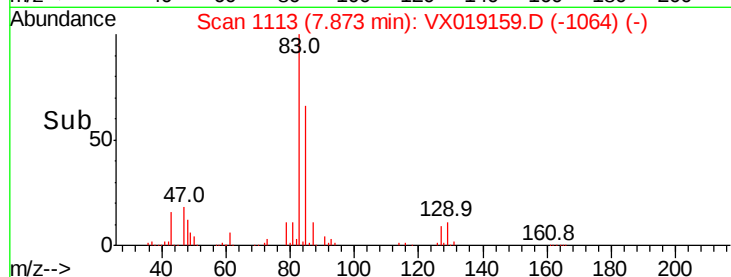
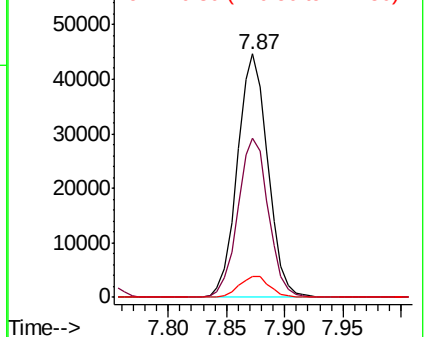
83 100

85 65.6 51.2 76.8

127 8.8 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: 19.716 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

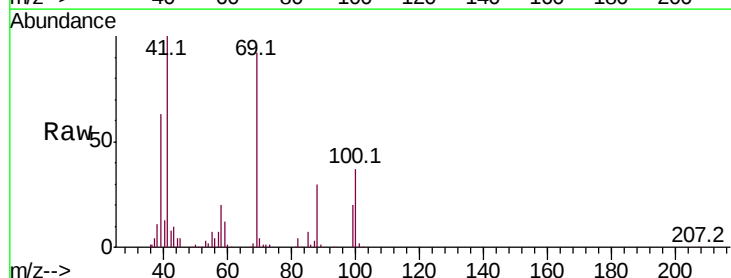
Tgt Ion: 41 Resp: 61664

Ion Ratio Lower Upper

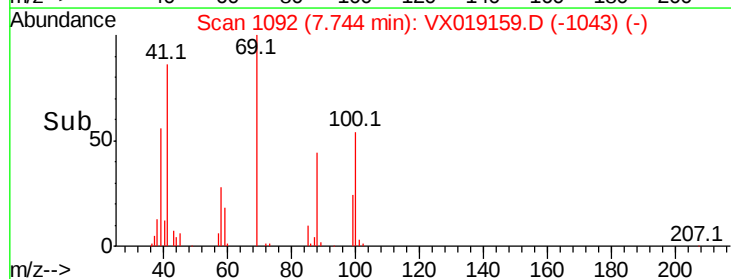
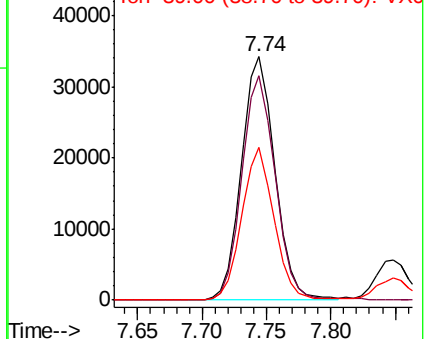
41 100

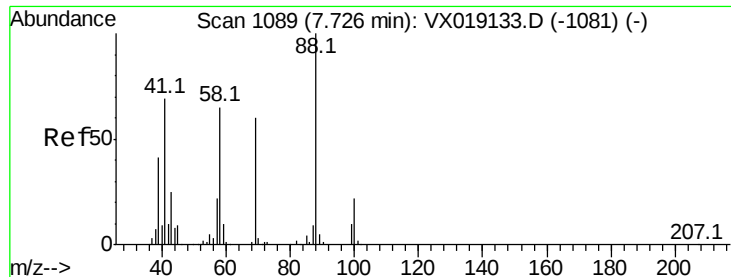
69 92.0 75.5 113.3

39 59.2 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

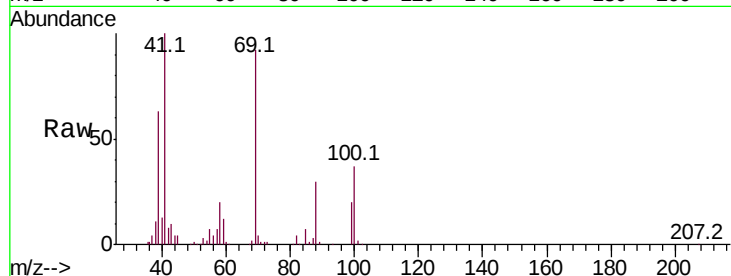




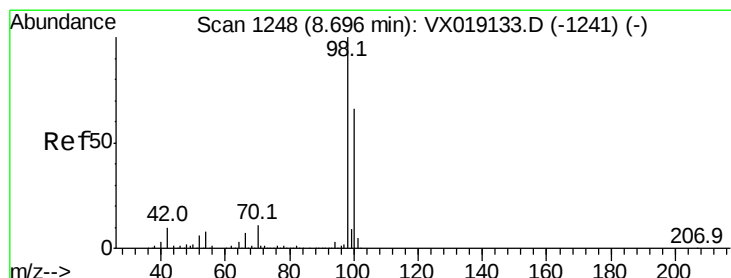
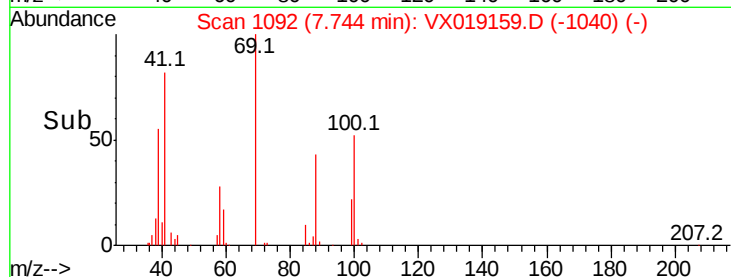
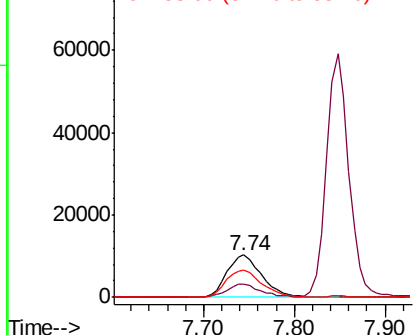
#49
1,4-Dioxane
Concen: 399.377 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.02 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tot Ion: 88 Resp: 27778
Ion Ratio Lower Upper
88 100
43 27.7 23.0 34.6
58 65.8 52.2 78.2

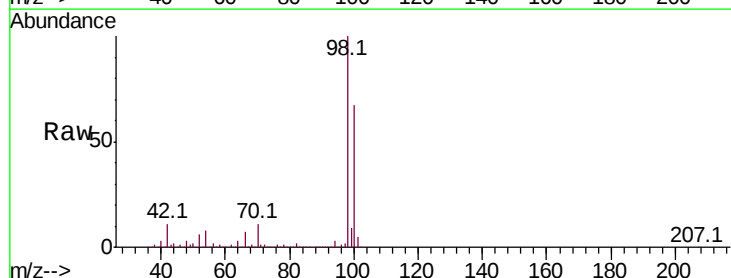


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

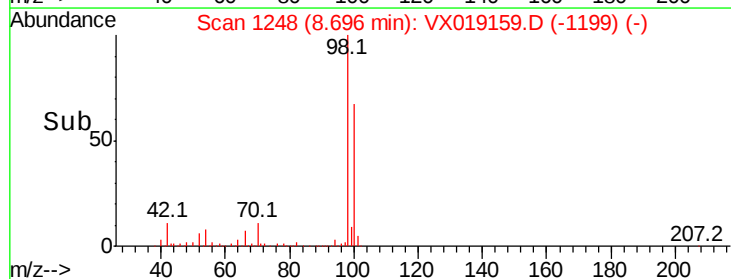
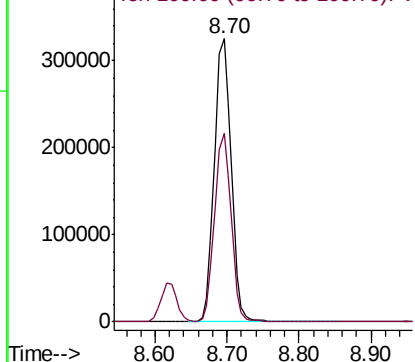


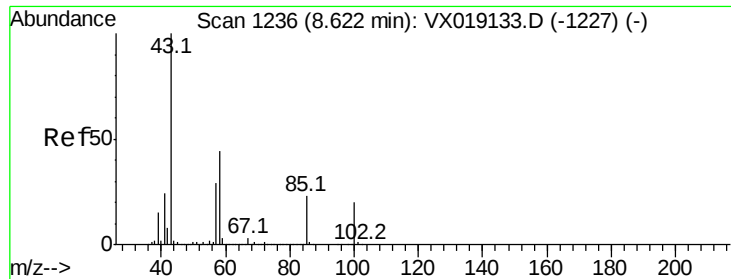
#50
Toluene-d8
Concen: 49.329 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 98 Resp: 528687
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 100.133 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleID :

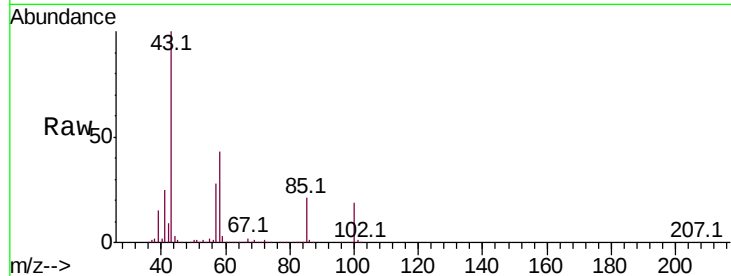
VX1028WBSD01

Tot Ion: 43 Resp: 373970

Ion Ratio Lower Upper

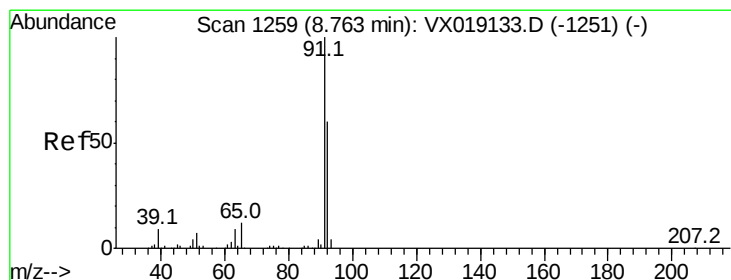
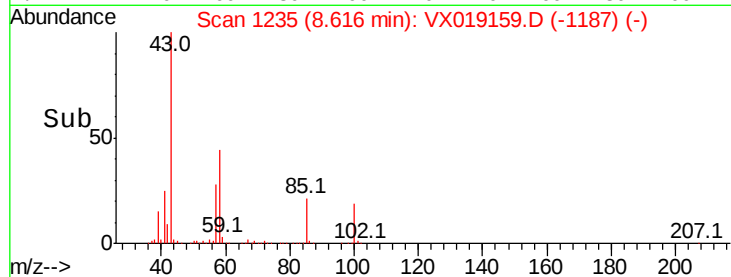
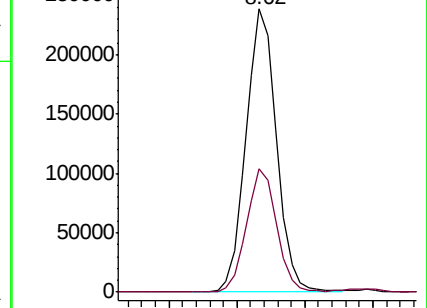
43 100

58 43.1 35.0 52.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.349 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019159.D

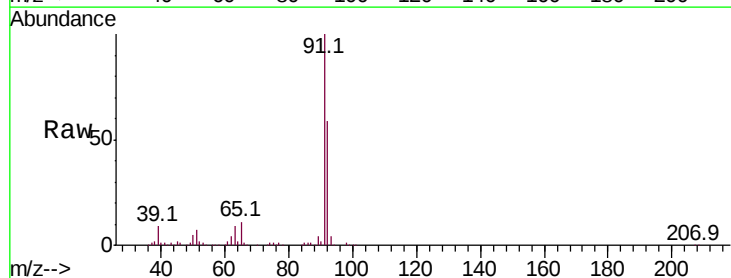
Acq: 28 Oct 2020 12:47

Tgt Ion: 92 Resp: 147686

Ion Ratio Lower Upper

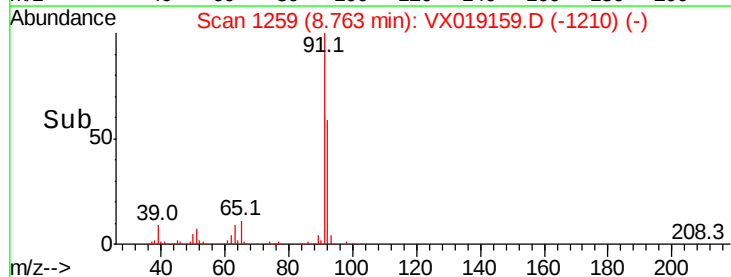
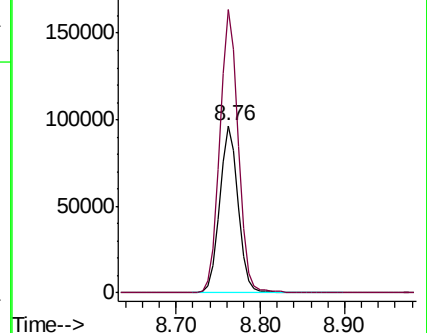
92 100

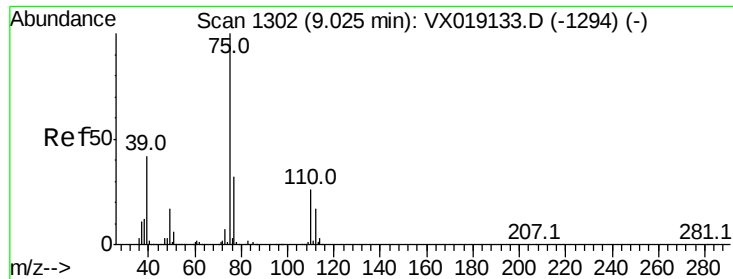
91 169.1 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

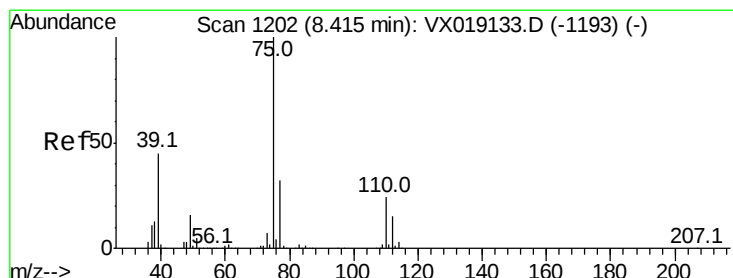
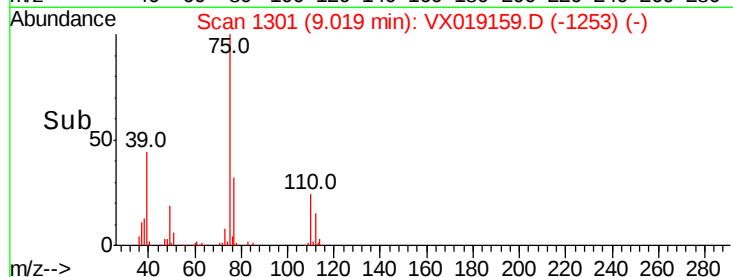
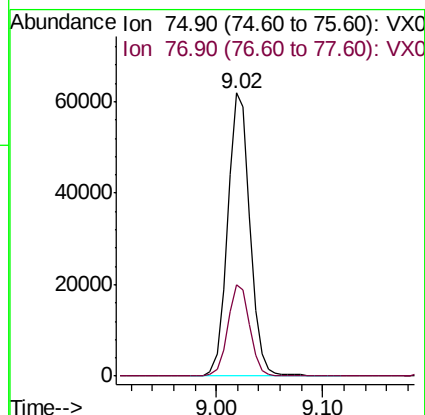
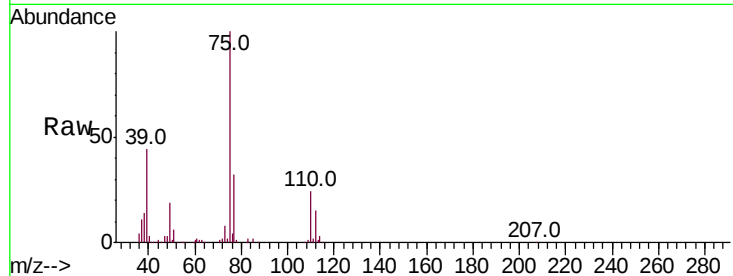




#53
 t-1,3-Dichloropropene
 Concen: 18.764 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

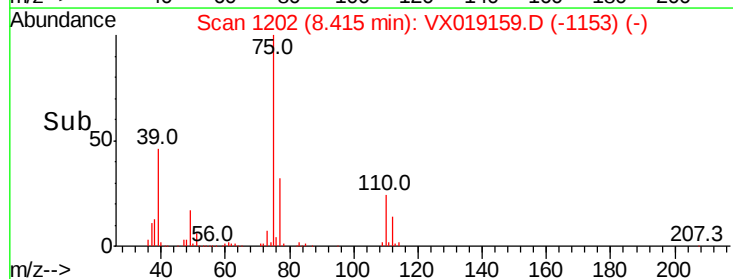
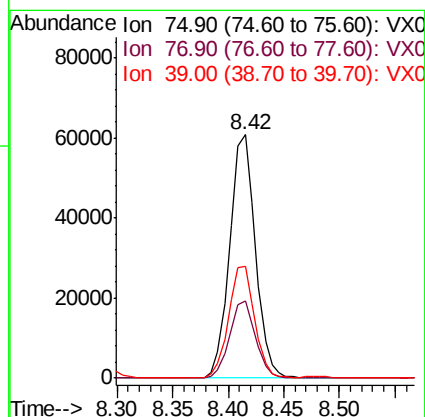
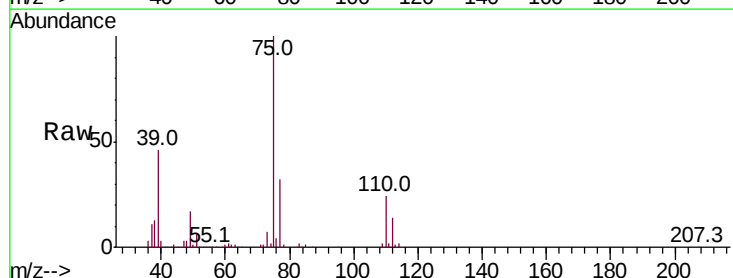
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

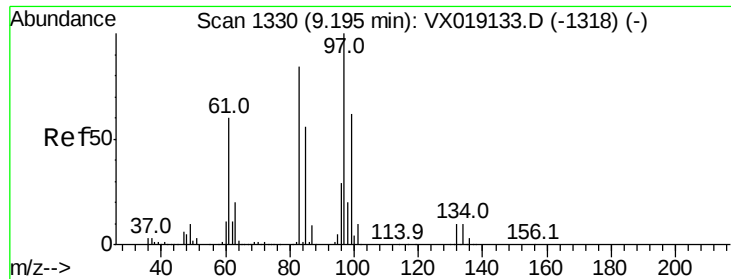
Tot Ion: 75 Resp: 90670
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.156 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion: 75 Resp: 97338
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 45.7 36.2 54.2

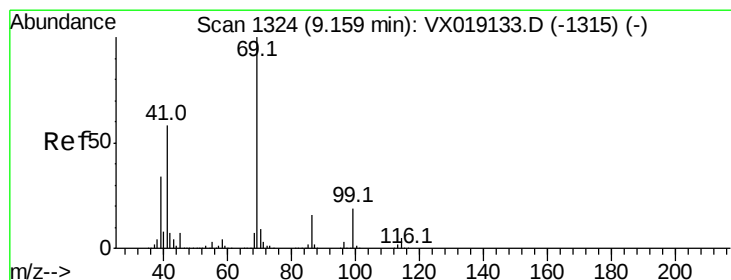
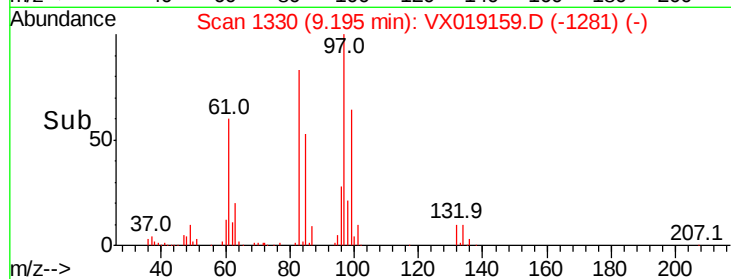
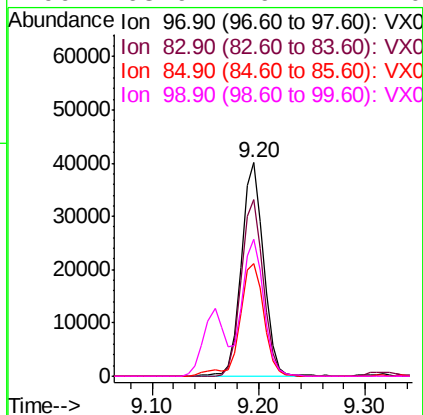
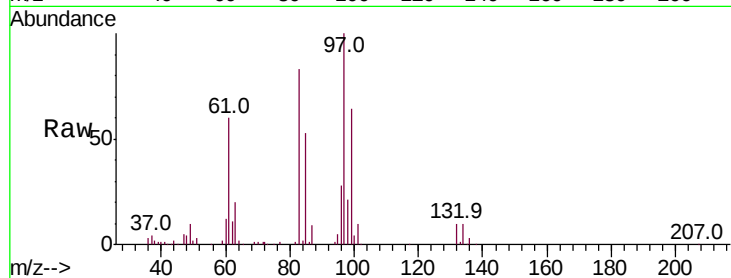




#55
 1,1,2-Trichloroethane
 Concen: 19.473 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

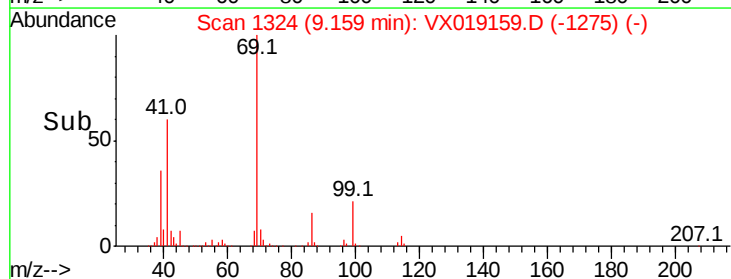
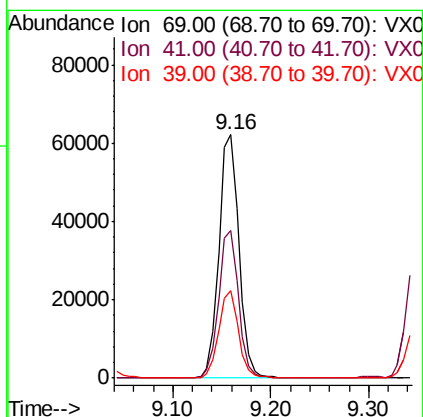
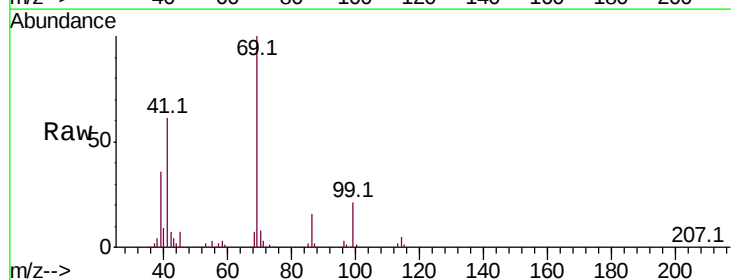
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

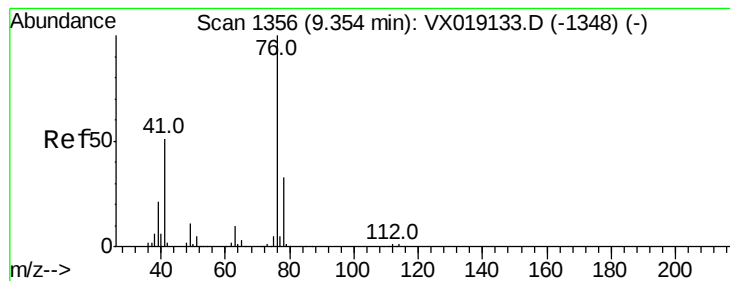
Tot Ion:	97	Resp:	58725
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.2	100.8
85	52.8	44.6	67.0
99	63.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.432 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion:	69	Resp:	88515
Ion	Ratio	Lower	Upper
69	100		
41	59.9	46.5	69.7
39	35.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.485 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

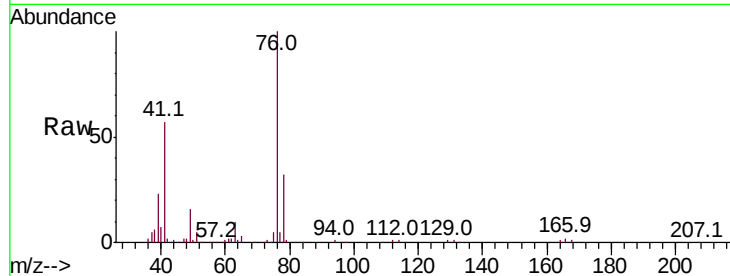
VX1028WBSD01

Tot Ion: 76 Resp: 99070

Ion Ratio Lower Upper

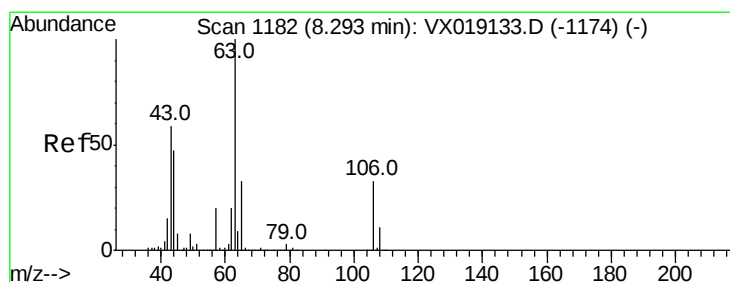
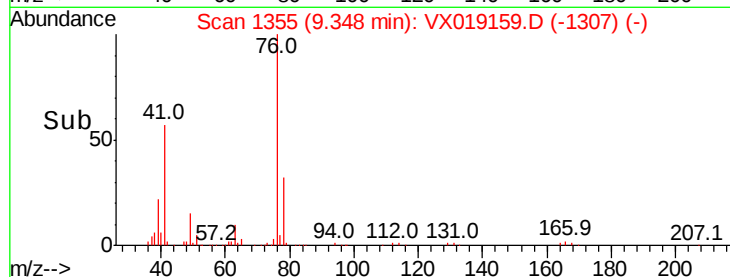
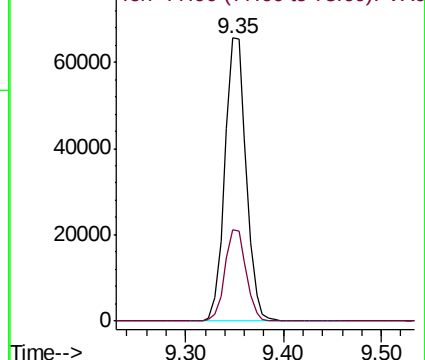
76 100

78 32.2 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: 94.890 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019159.D

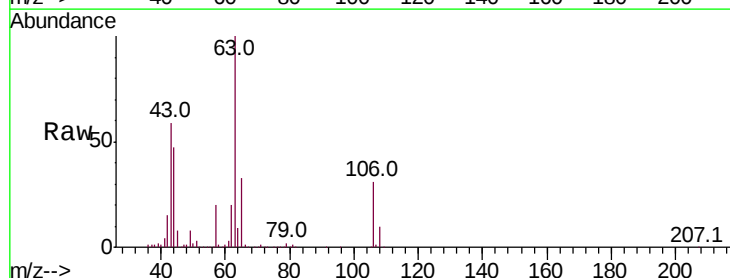
Acq: 28 Oct 2020 12:47

Tgt Ion: 63 Resp: 241734

Ion Ratio Lower Upper

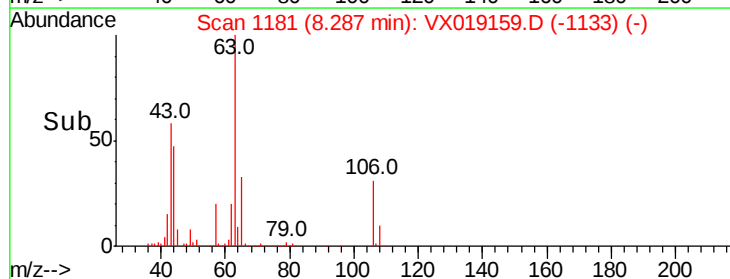
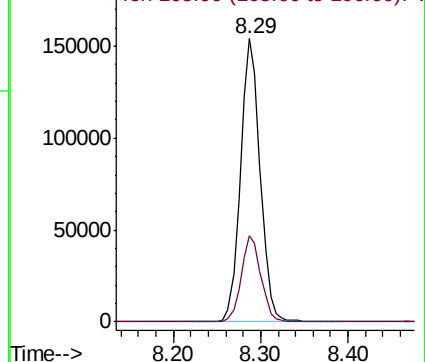
63 100

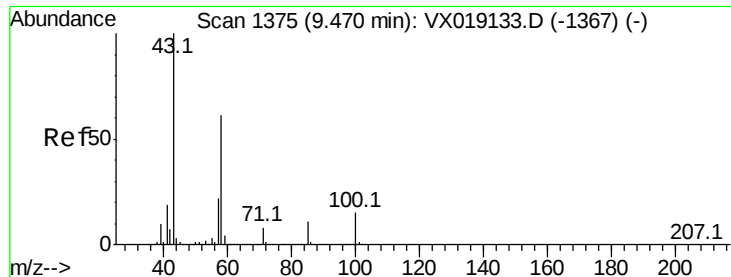
106 30.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

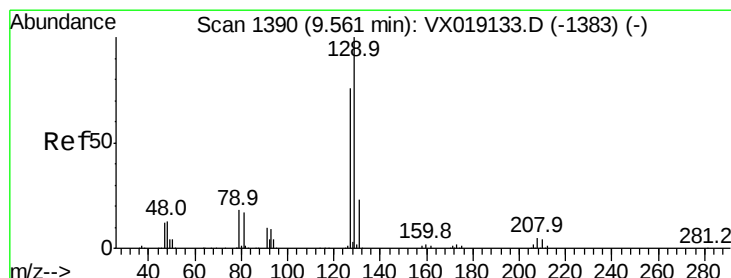
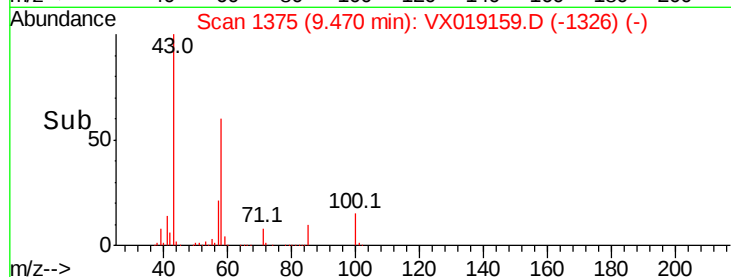
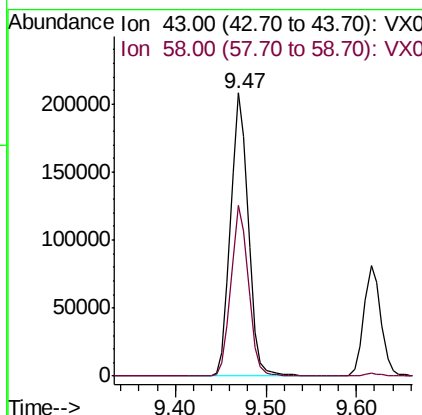
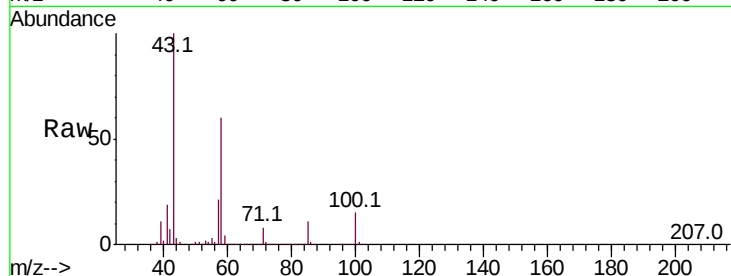




#59
2-Hexanone
Concen: 99.900 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

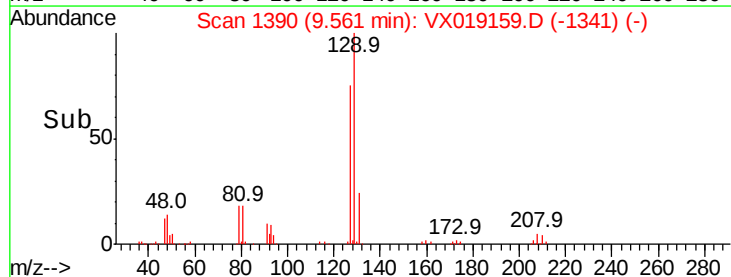
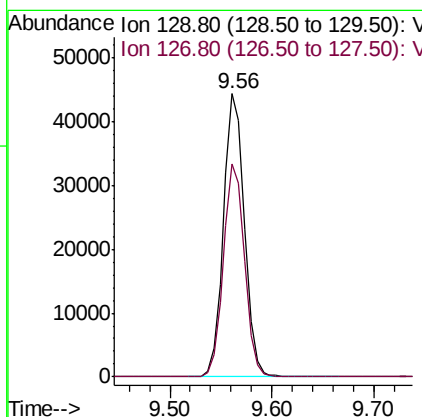
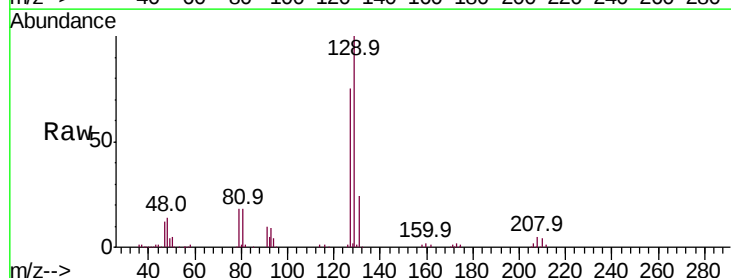
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

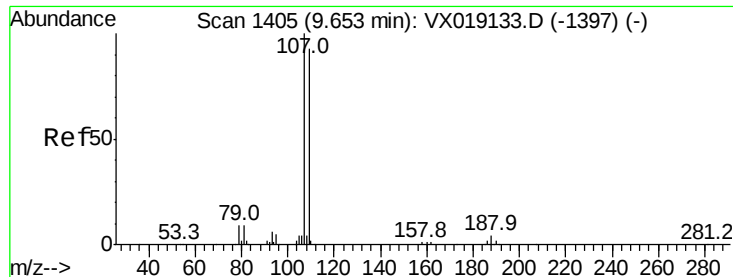
Tot Ion: 43 Resp: 284006
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5



#60
Dibromochloromethane
Concen: 19.296 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 129 Resp: 63152
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.417 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

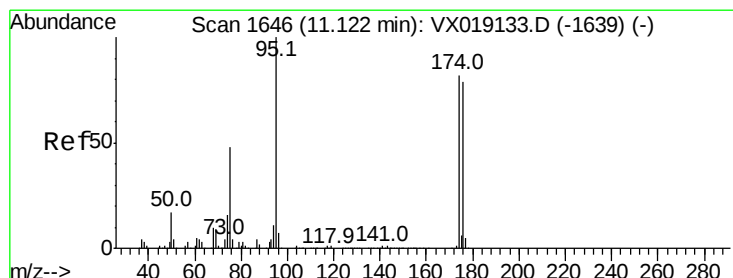
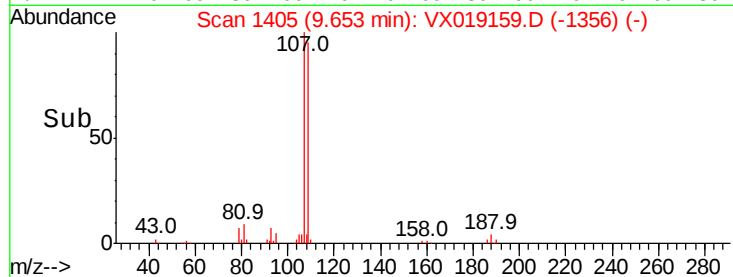
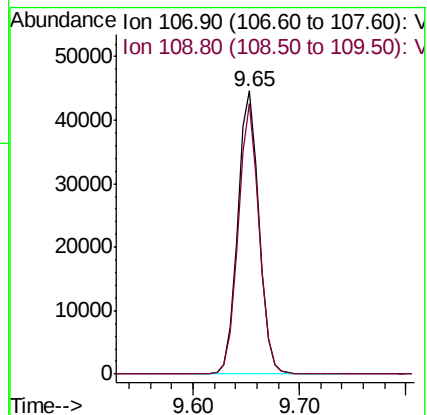
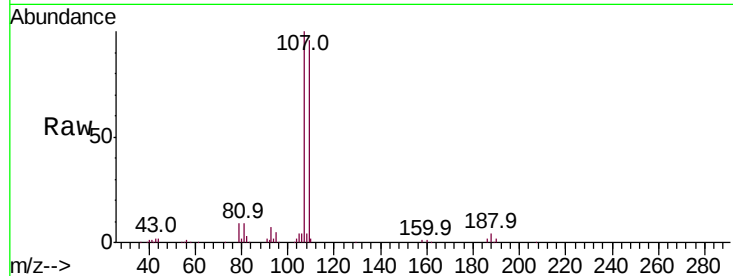
VX1028WBSD01

Tot Ion:107 Resp: 62618

Ion Ratio Lower Upper

107 100

109 93.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.823 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

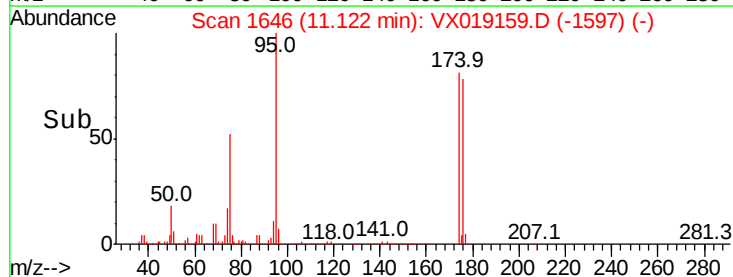
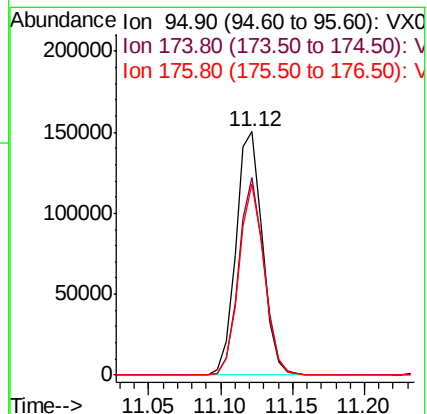
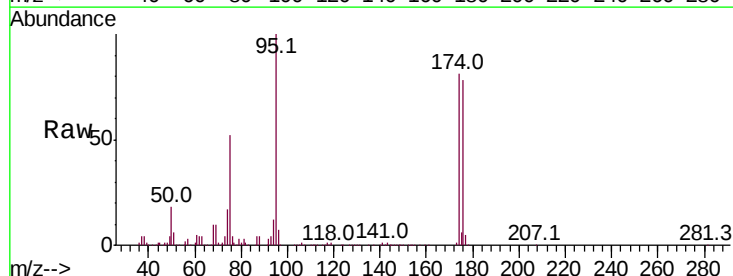
Tgt Ion: 95 Resp: 194103

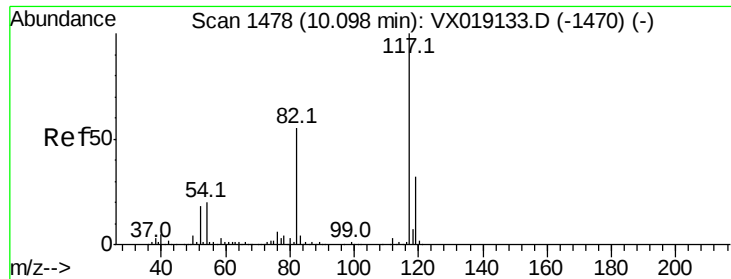
Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.0

176 75.0 0.0 149.8

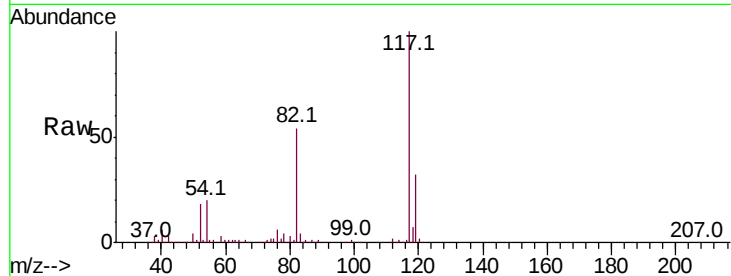




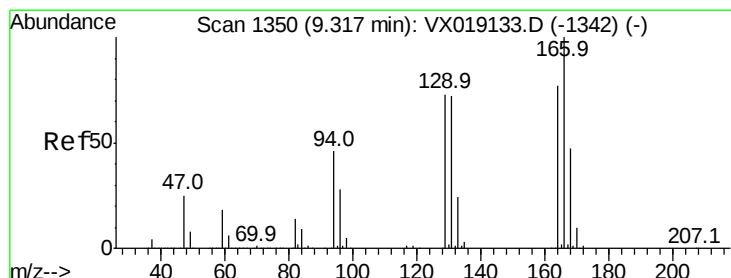
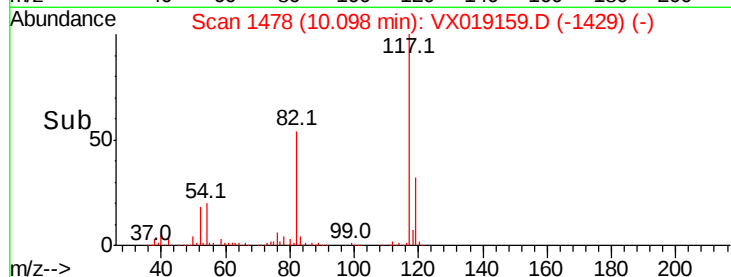
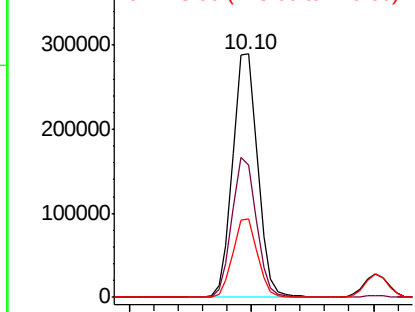
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

Tot Ion:117 Resp: 408071
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.4 25.5 38.3

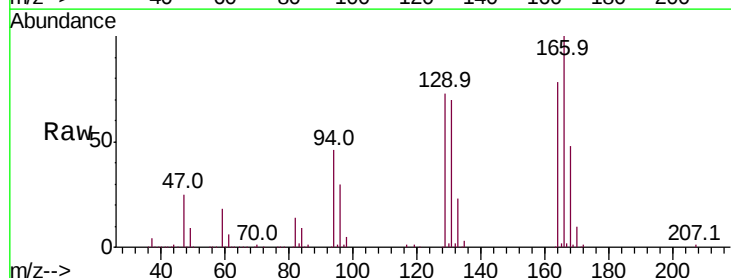


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

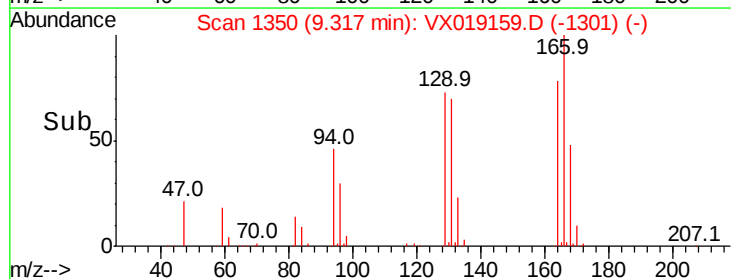
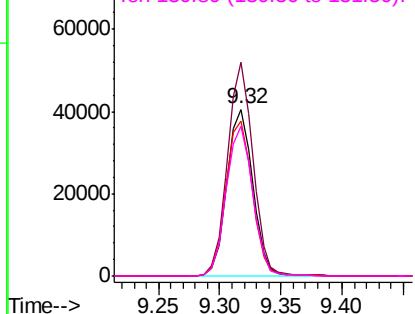


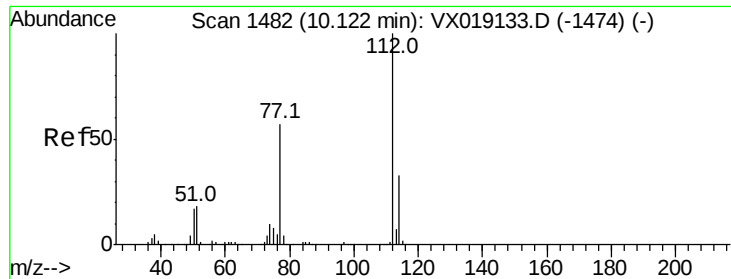
#64
Tetrachloroethene
Concen: 19.141 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion:164 Resp: 59509
Ion Ratio Lower Upper
164 100
166 128.1 104.1 156.1
129 93.0 76.2 114.4
131 90.1 74.6 112.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

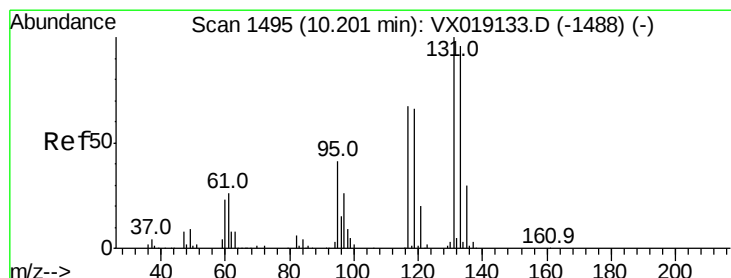
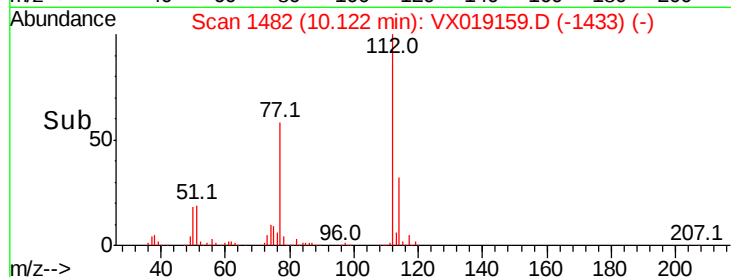
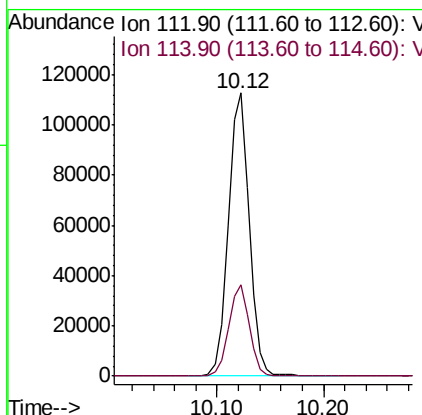
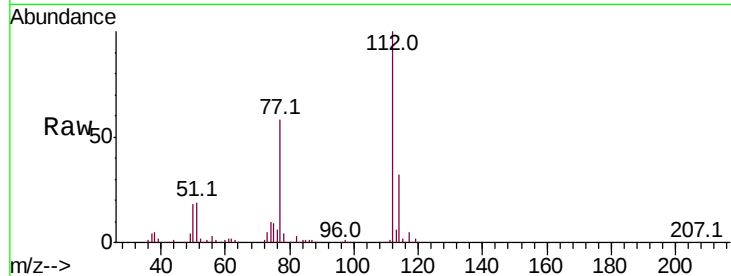




#65
Chlorobenzene
Concen: 18.586 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

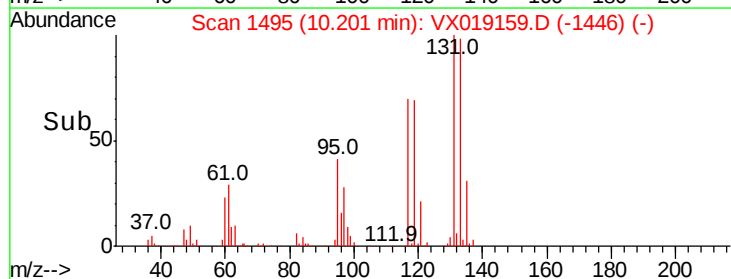
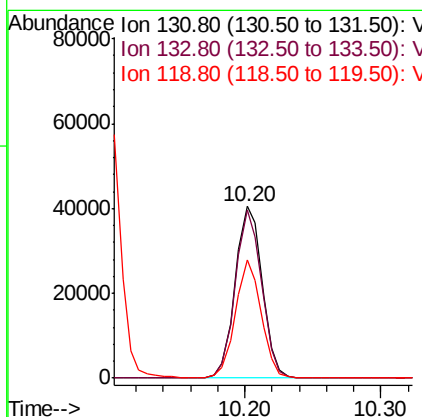
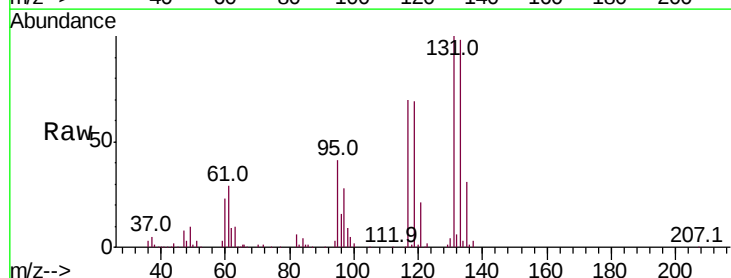
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

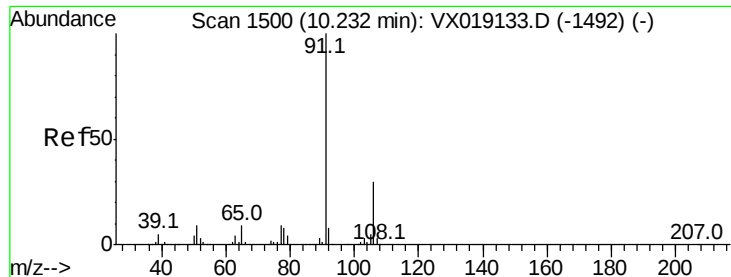
Tot Ion:112 Resp: 155017
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.759 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion:131 Resp: 56325
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 65.3 32.3 96.9





#67

Ethyl Benzene

Concen: 18.926 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

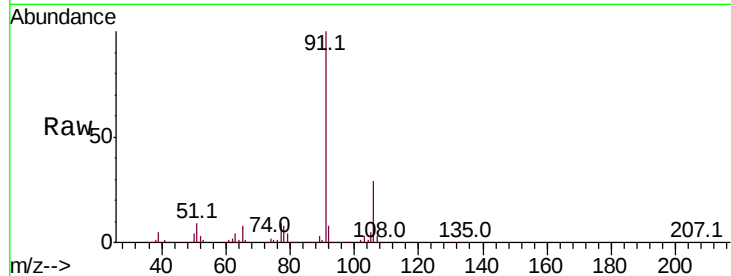
VX1028WBSD01

Tot Ion: 91 Resp: 281284

Ion Ratio Lower Upper

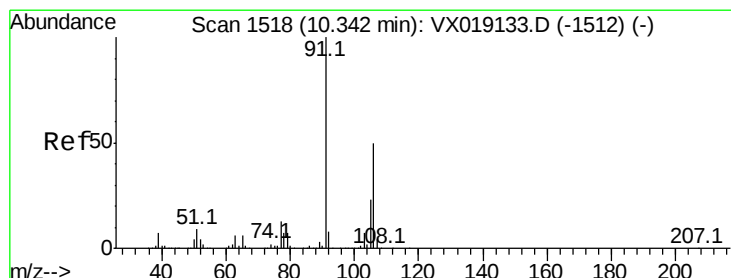
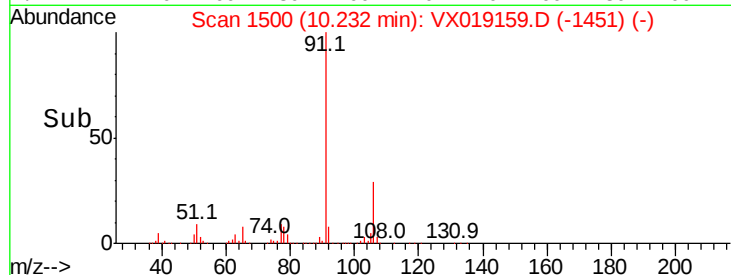
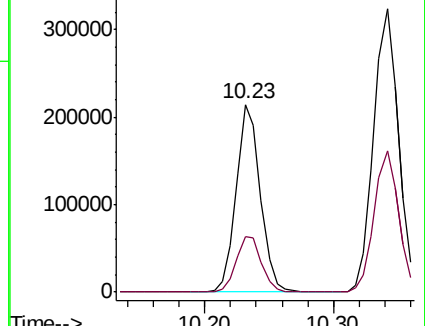
91 100

106 29.4 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.155 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019159.D

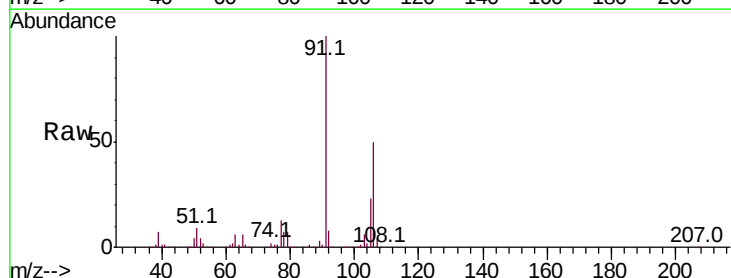
Acq: 28 Oct 2020 12:47

Tgt Ion: 106 Resp: 212831

Ion Ratio Lower Upper

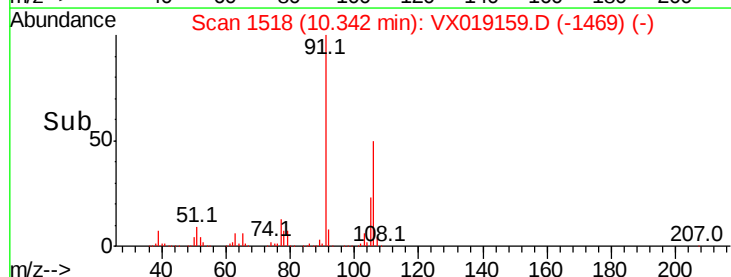
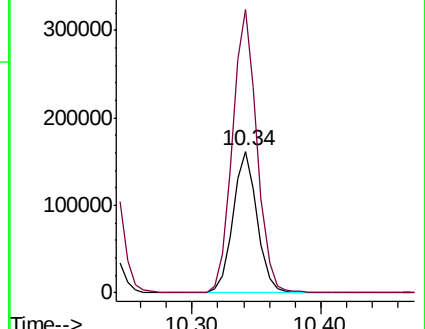
106 100

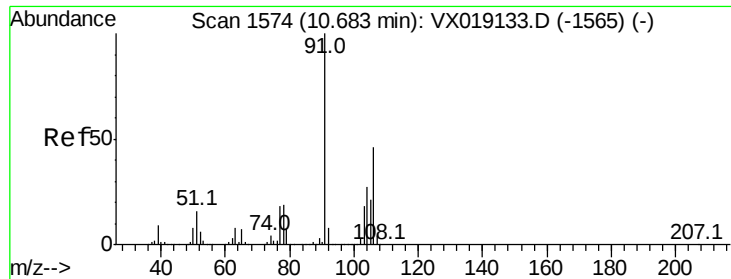
91 202.4 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

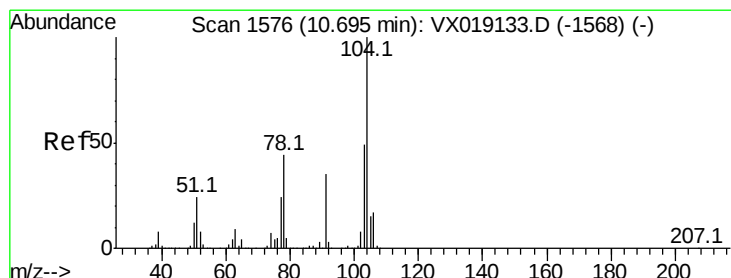
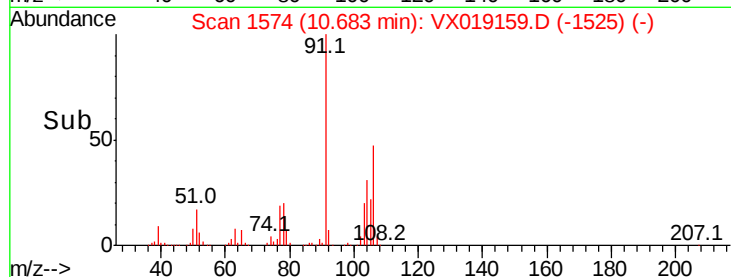
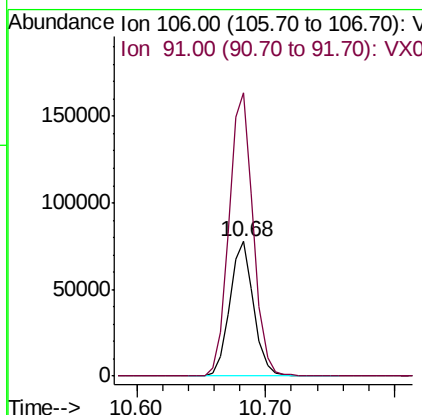
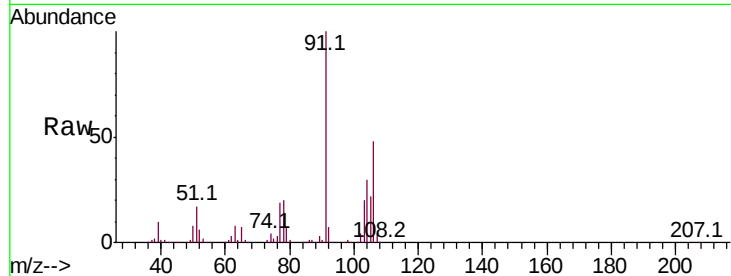




#69
o-Xylene
Concen: 18.918 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

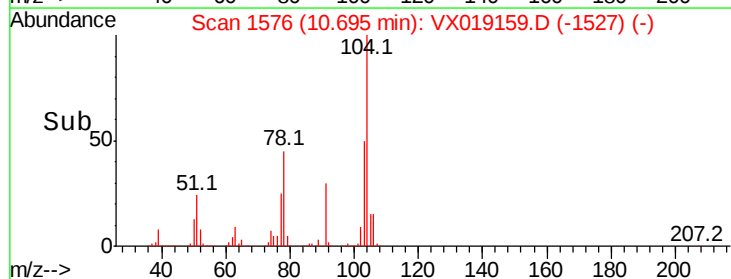
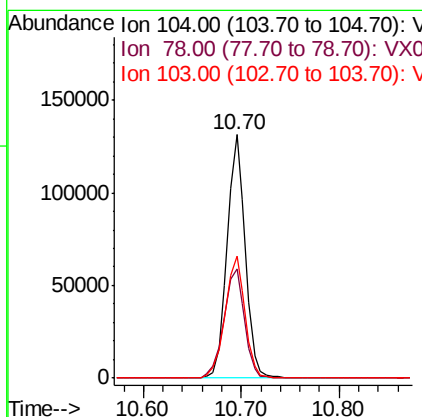
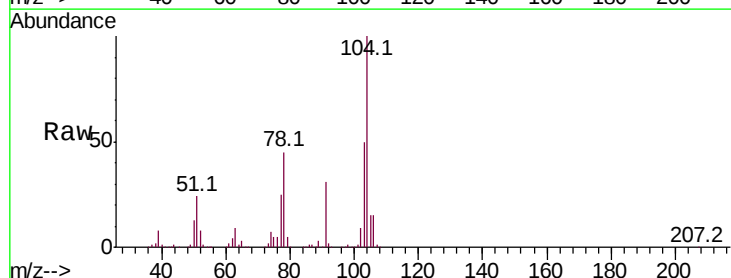
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

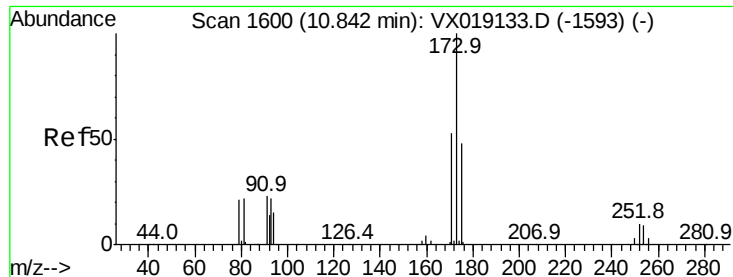
Tot Ion:106 Resp: 100090
Ion Ratio Lower Upper
106 100
91 214.8 108.3 324.8



#70
Styrene
Concen: 18.700 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion:104 Resp: 168810
Ion Ratio Lower Upper
104 100
78 51.1 40.0 60.0
103 55.1 43.5 65.3





#71

Bromoform

Concen: 18.149 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

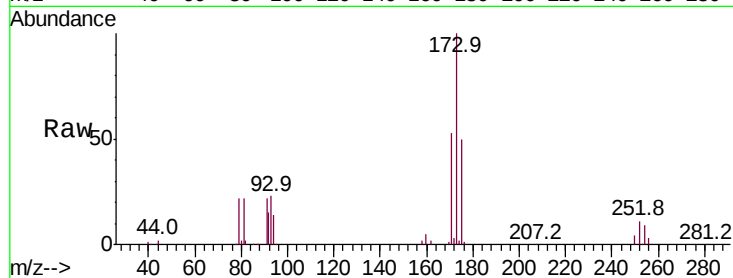
Tot Ion:173 Resp: 43206

Ion Ratio Lower Upper

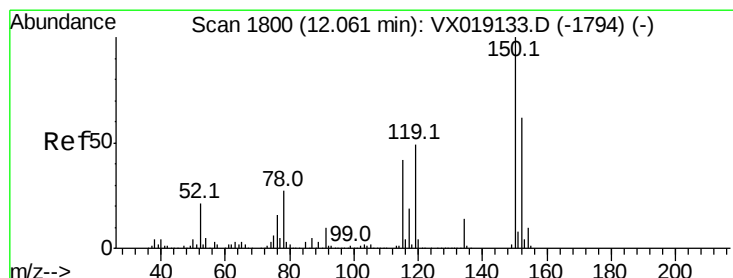
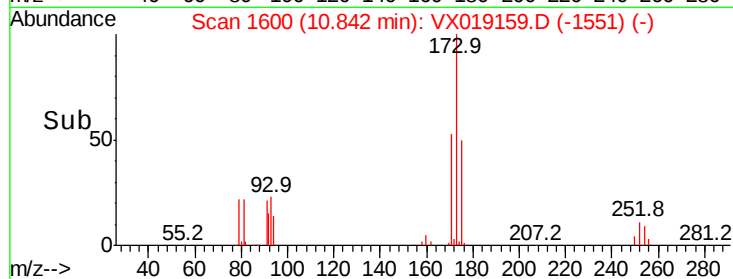
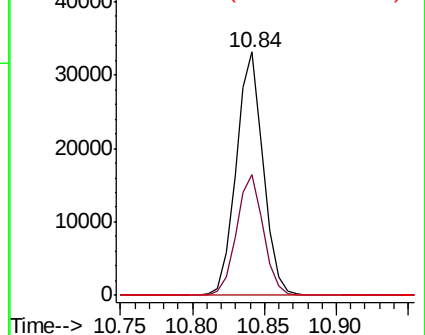
173 100

175 49.3 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: VX019159.D

Acq: 28 Oct 2020 12:47

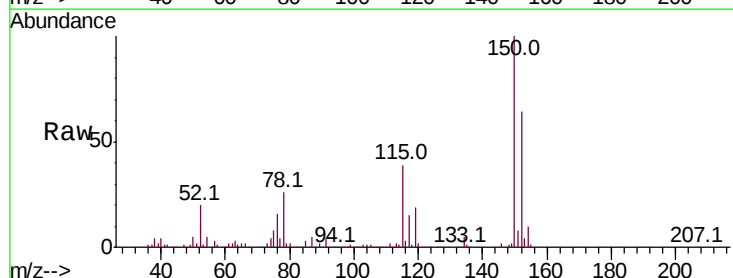
Tgt Ion:152 Resp: 203711

Ion Ratio Lower Upper

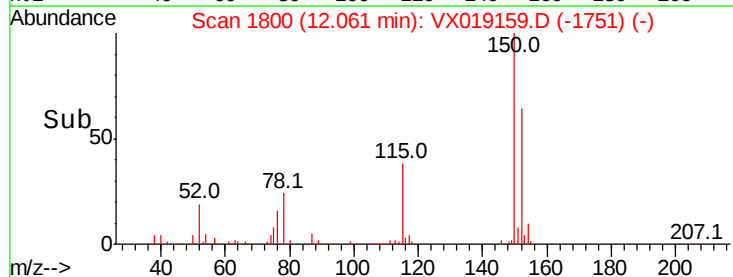
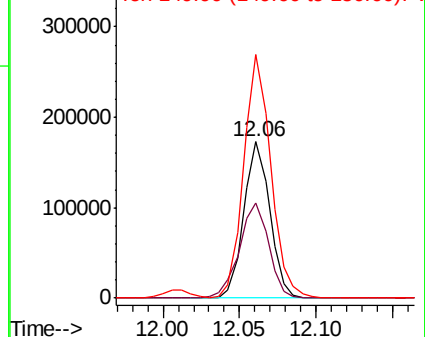
152 100

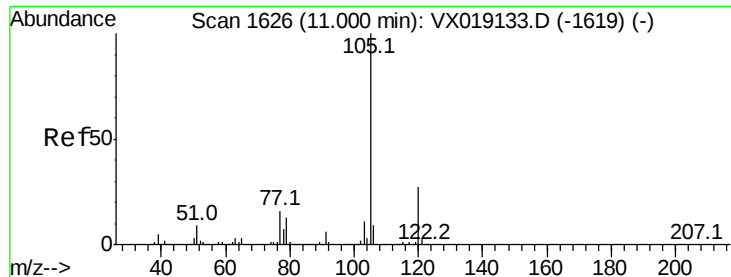
115 69.0 41.9 125.7

150 162.8 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: 19.041 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

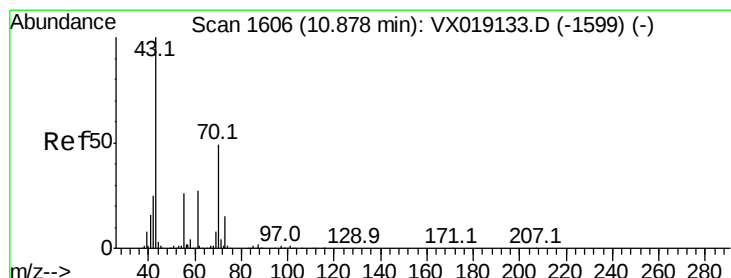
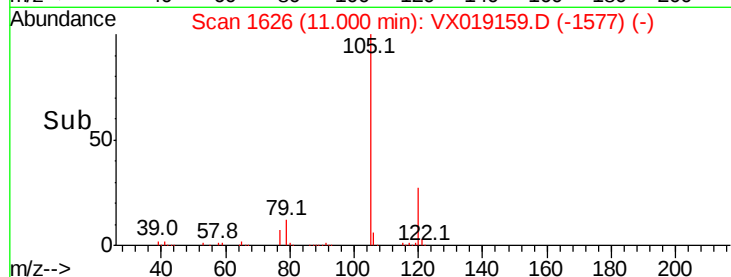
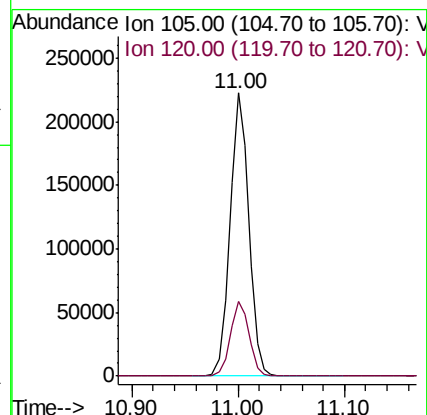
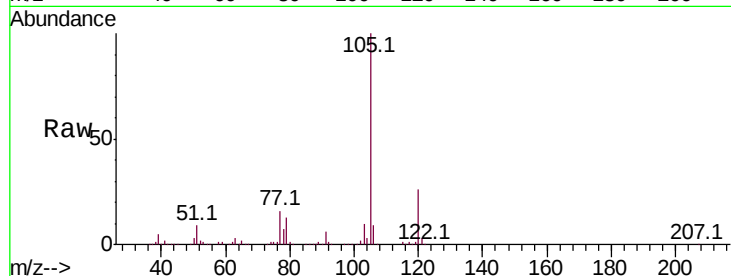
VX1028WBSD01

Tot Ion:105 Resp: 274571

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 19.547 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Tgt Ion: 43 Resp: 103058

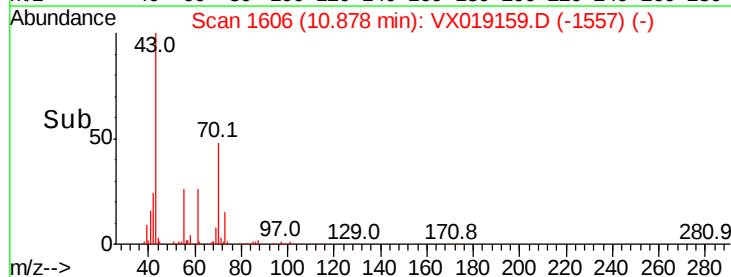
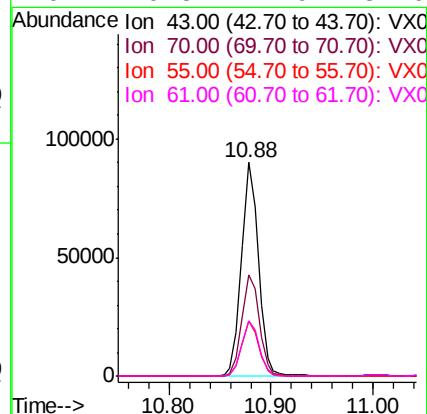
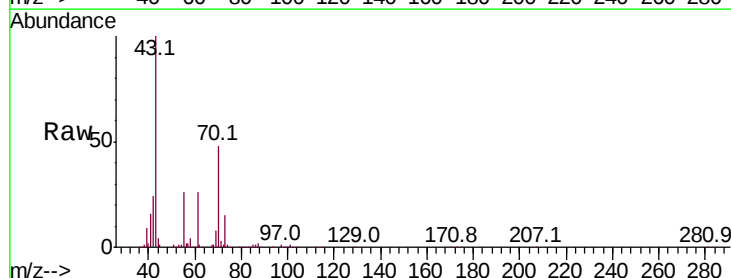
Ion Ratio Lower Upper

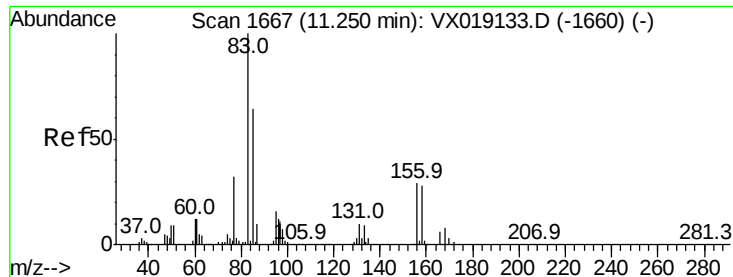
43 100

70 49.1 39.6 59.4

55 26.1 20.7 31.1

61 26.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.632 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

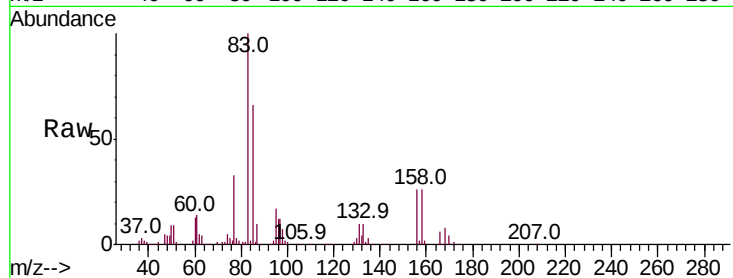
Tot Ion: 83 Resp: 88471

Ion Ratio Lower Upper

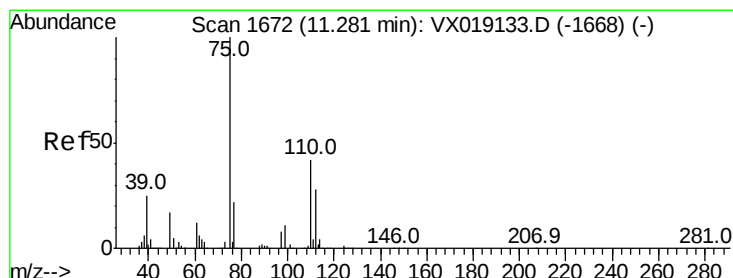
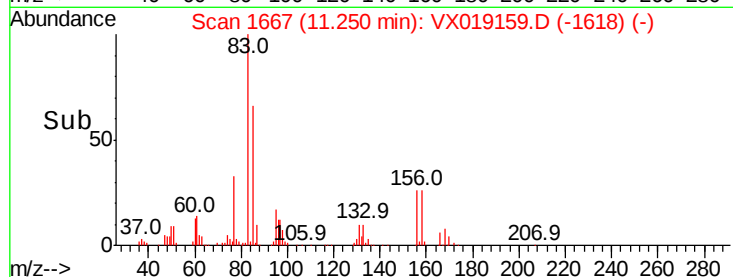
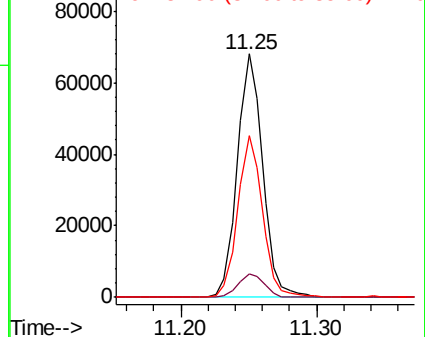
83 100

131 10.1 5.2 15.6

85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.098 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019159.D

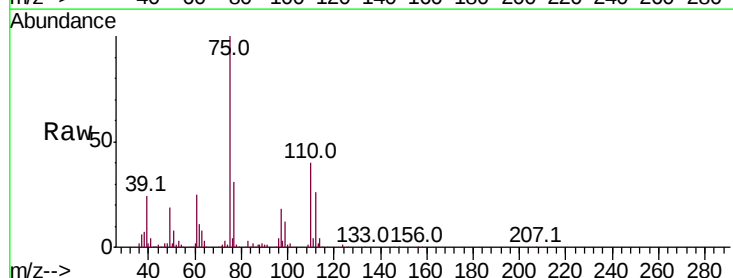
Acq: 28 Oct 2020 12:47

Tgt Ion: 75 Resp: 101362

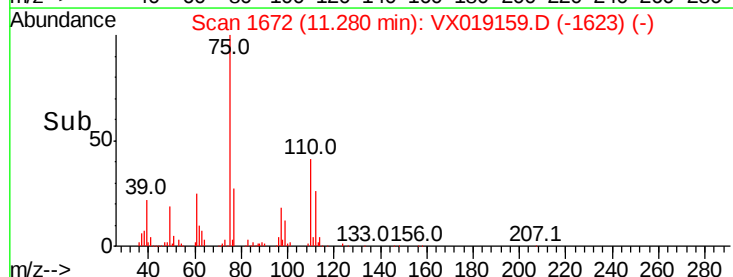
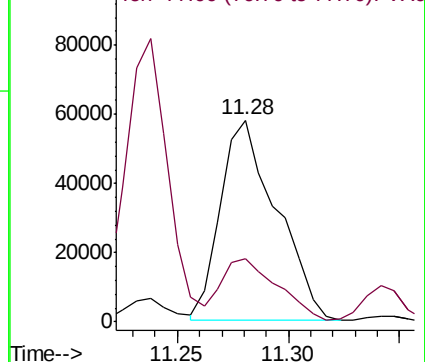
Ion Ratio Lower Upper

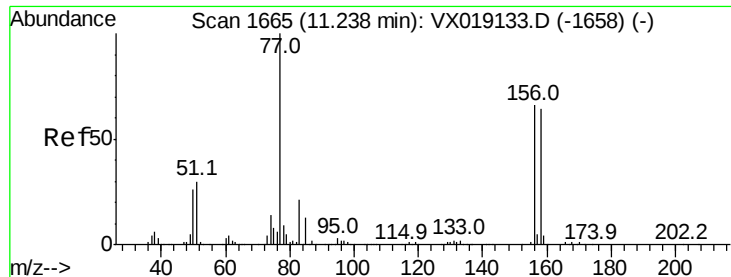
75 100

77 31.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.732 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

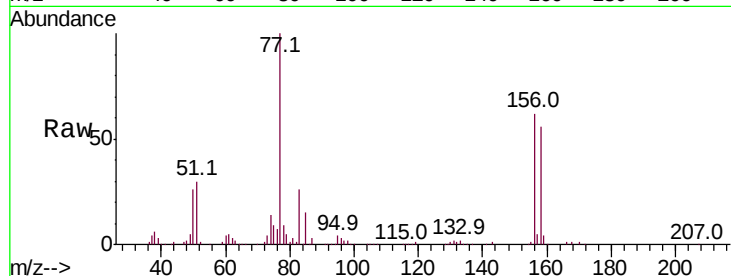
Tot Ion:156 Resp: 67037

Ion Ratio Lower Upper

156 100

77 162.3 77.7 233.1

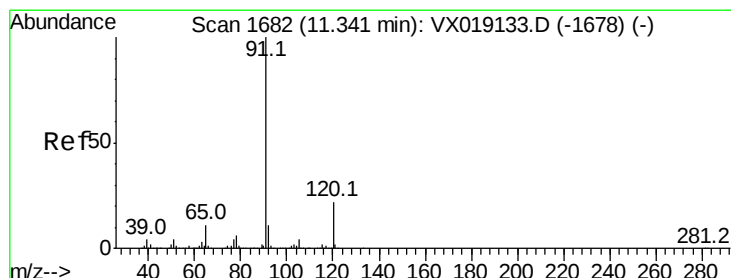
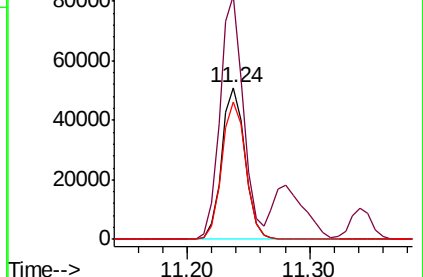
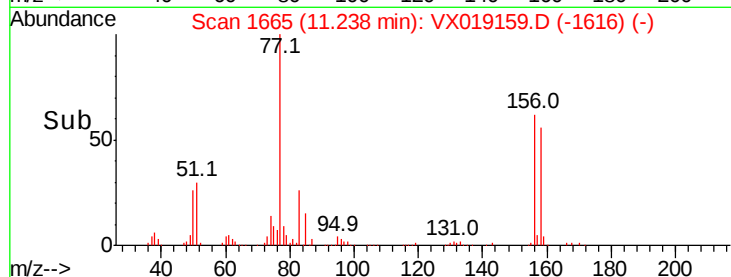
158 93.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.062 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019159.D

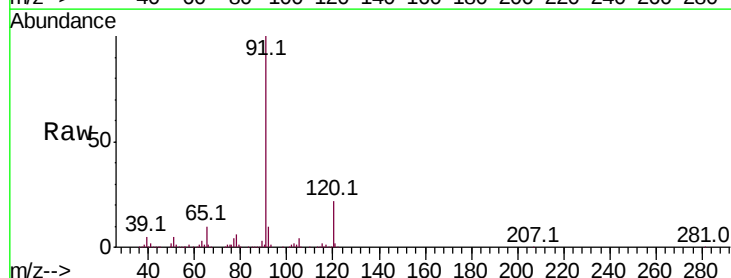
Acq: 28 Oct 2020 12:47

Tgt Ion: 91 Resp: 313767

Ion Ratio Lower Upper

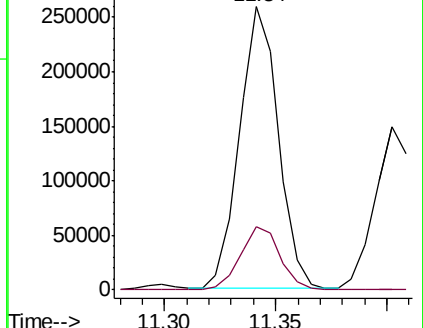
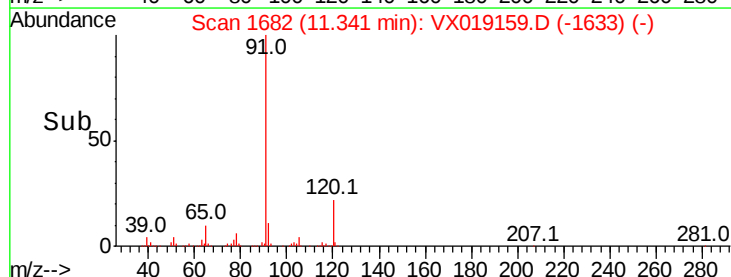
91 100

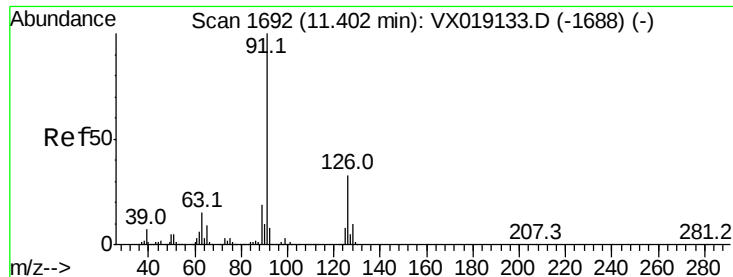
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.138 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

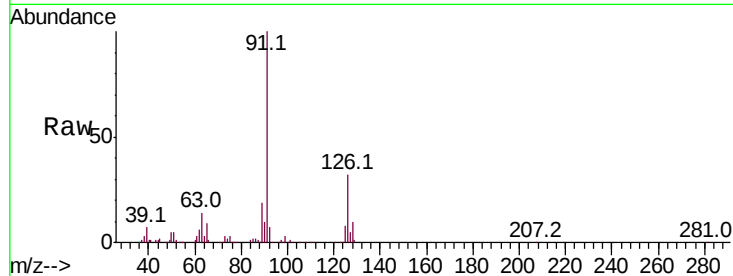
VX1028WBSD01

Tot Ion: 91 Resp: 185467

Ion Ratio Lower Upper

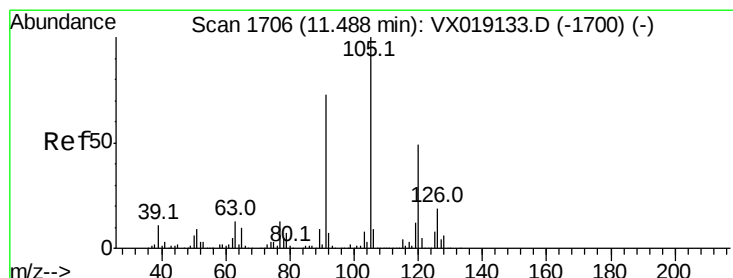
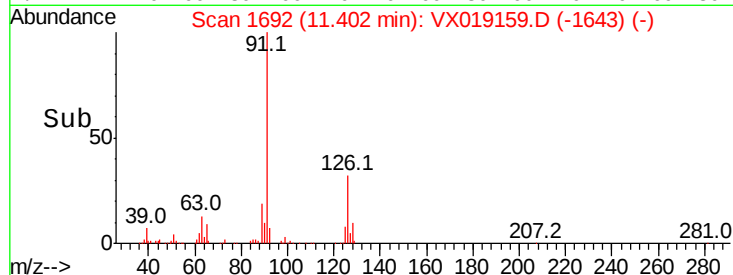
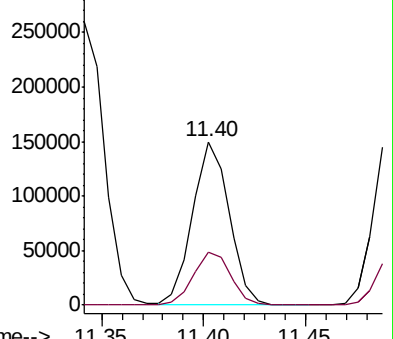
91 100

126 33.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.027 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019159.D

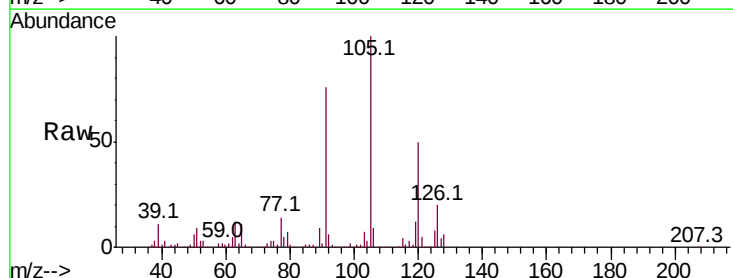
Acq: 28 Oct 2020 12:47

Tgt Ion: 105 Resp: 231777

Ion Ratio Lower Upper

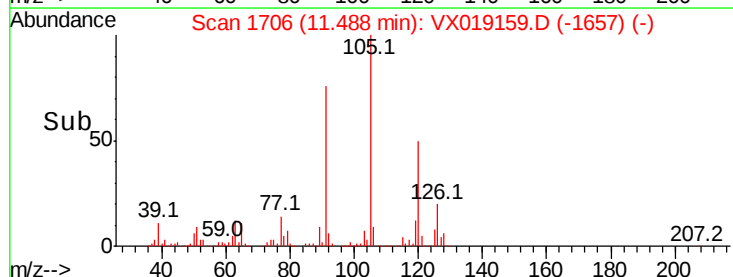
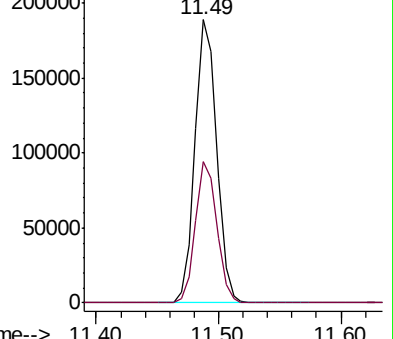
105 100

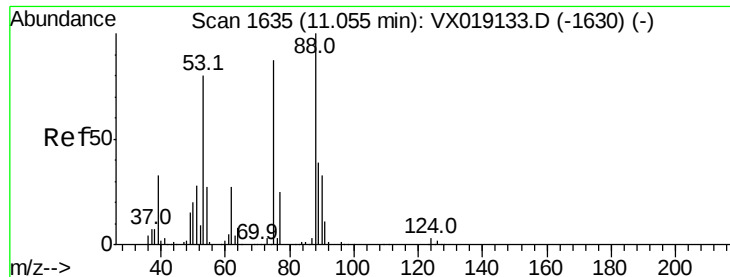
120 49.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.522 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

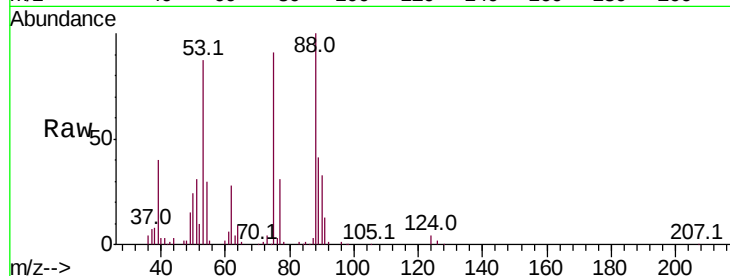
Tot Ion: 75 Resp: 27992

Ion Ratio Lower Upper

75 100

53 96.4 73.3 109.9

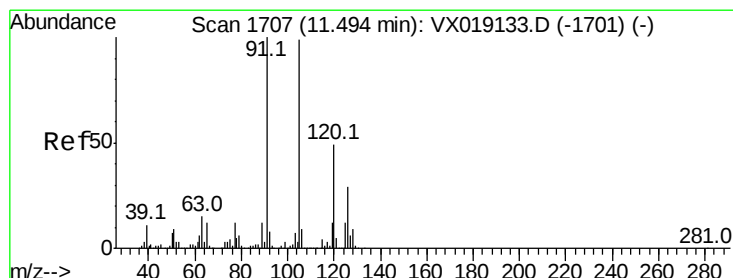
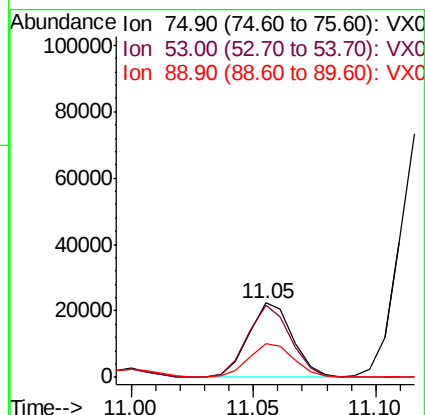
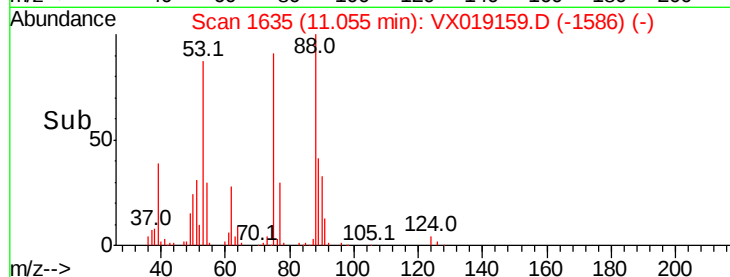
89 47.3 38.2 57.2



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: 18.760 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019159.D

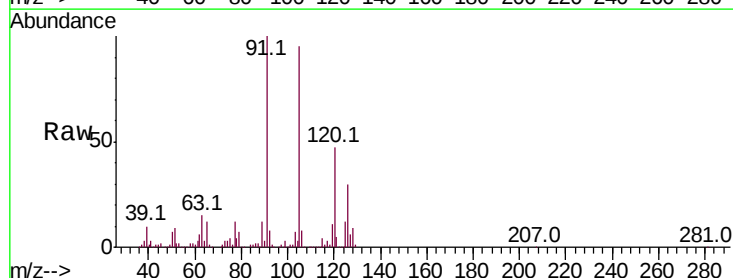
Acq: 28 Oct 2020 12:47

Tgt Ion: 91 Resp: 222003

Ion Ratio Lower Upper

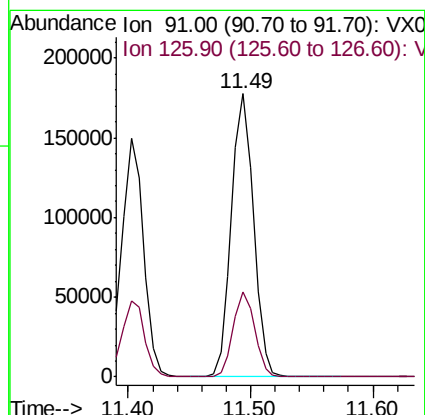
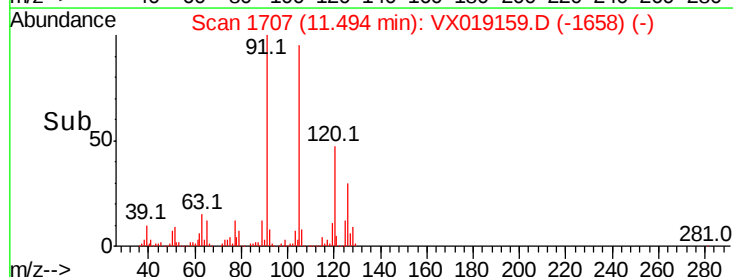
91 100

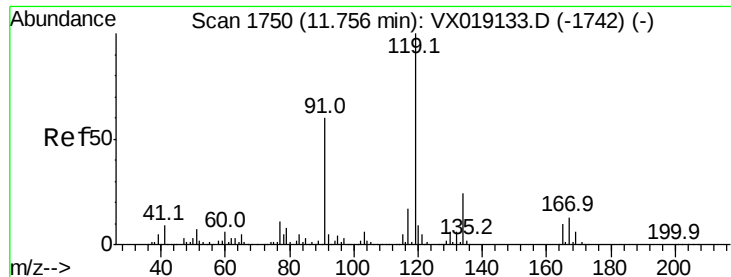
126 29.3 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

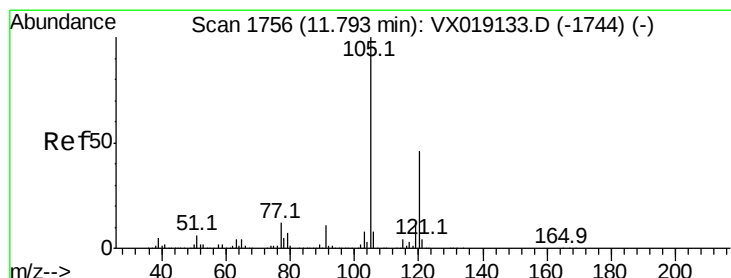
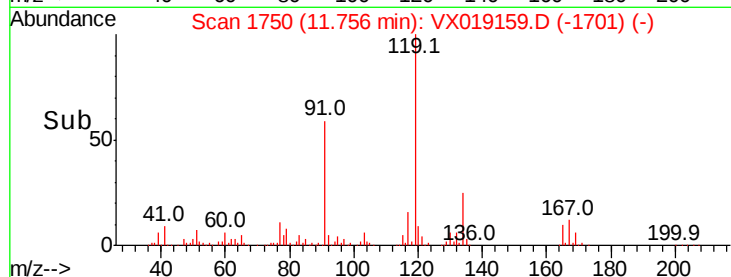
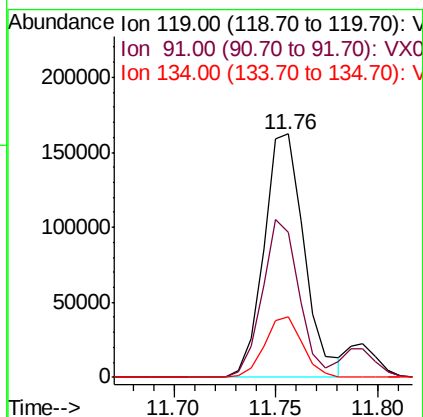
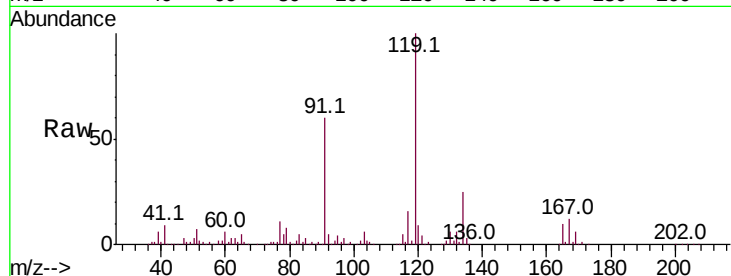




#83
tert-Butylbenzene
Concen: 19.183 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

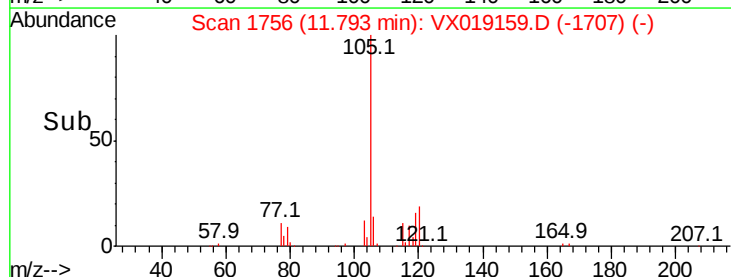
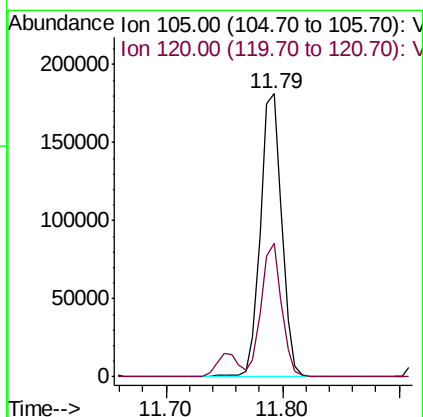
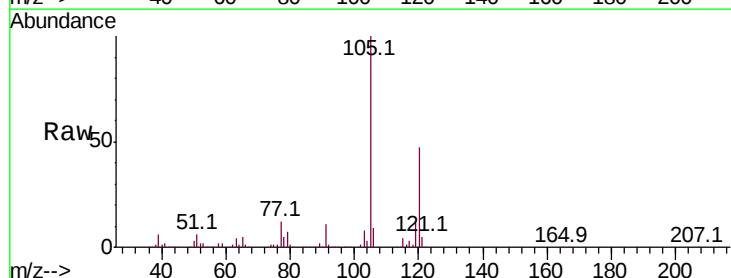
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

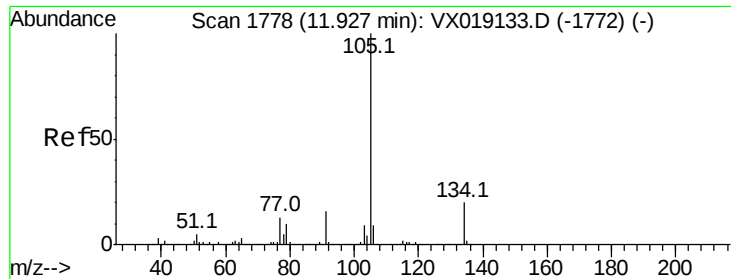
Tot Ion:119 Resp: 223749
Ion Ratio Lower Upper
119 100
91 58.9 29.0 87.1
134 23.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 18.979 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion:105 Resp: 233411
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.169 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

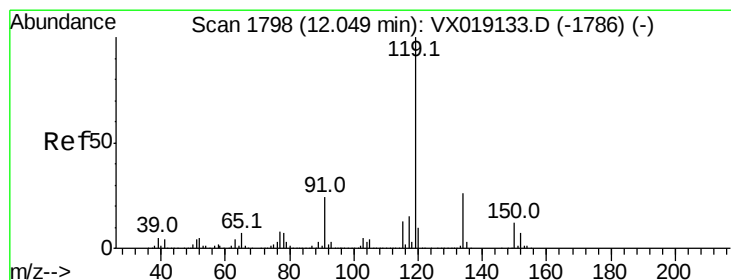
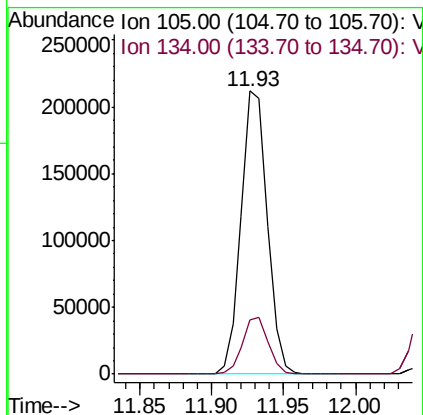
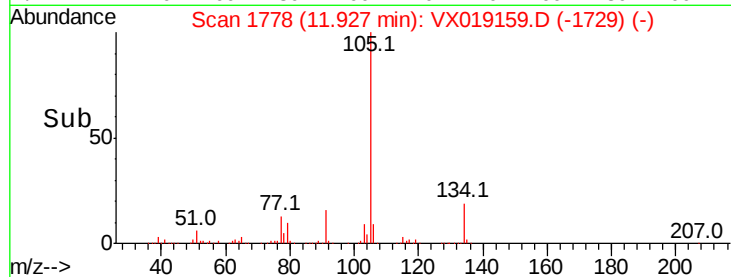
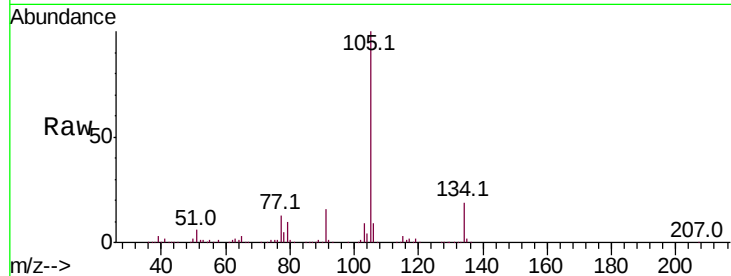
VX1028WBSD01

Tot Ion:105 Resp: 268168

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.435 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

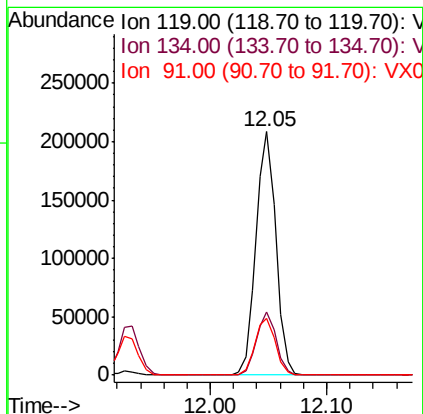
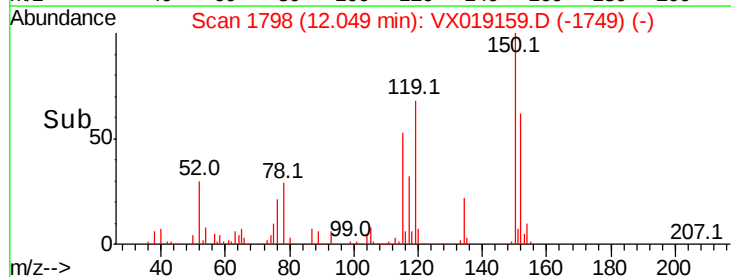
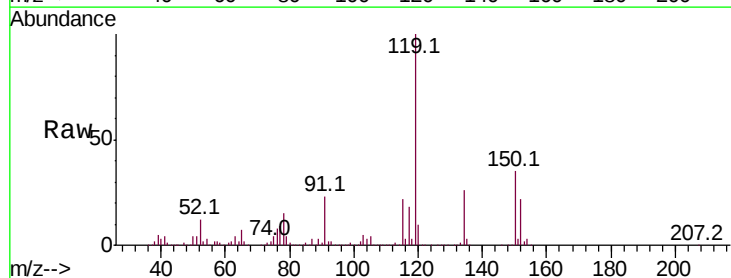
Tgt Ion:119 Resp: 250945

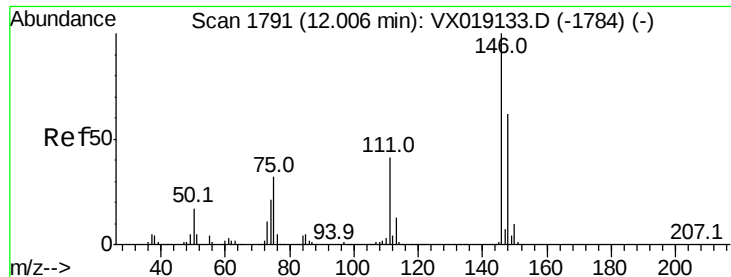
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 18.107 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

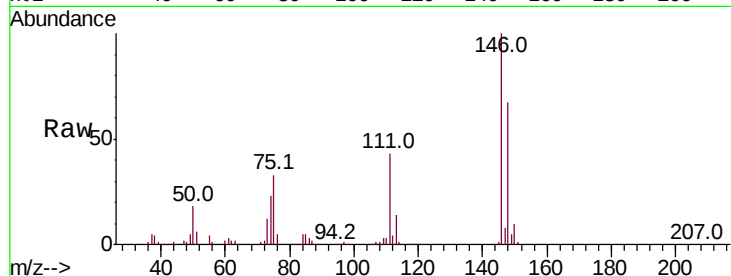
Tot Ion:146 Resp: 120679

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

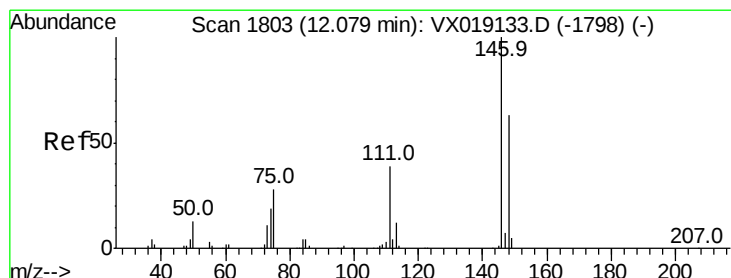
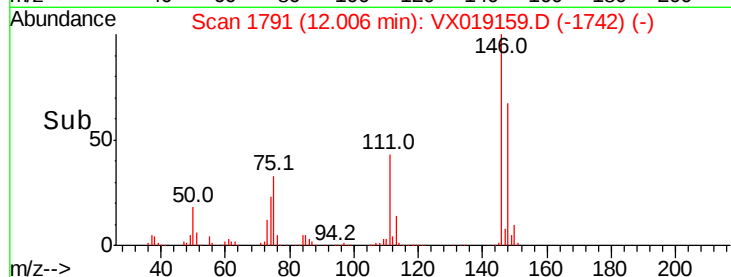
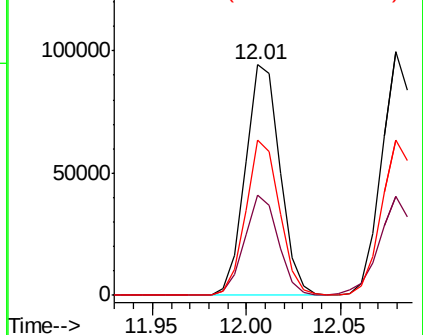
148 65.3 31.6 94.8



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: 17.572 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

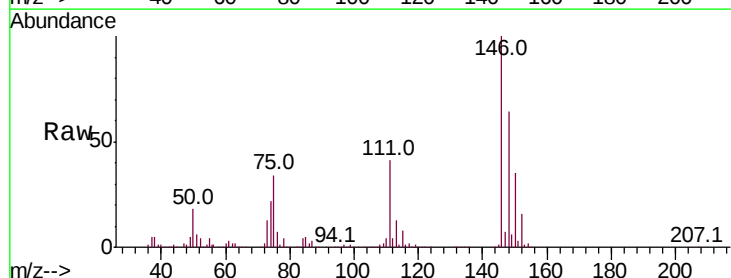
Tgt Ion:146 Resp: 121907

Ion Ratio Lower Upper

146 100

111 42.3 20.2 60.5

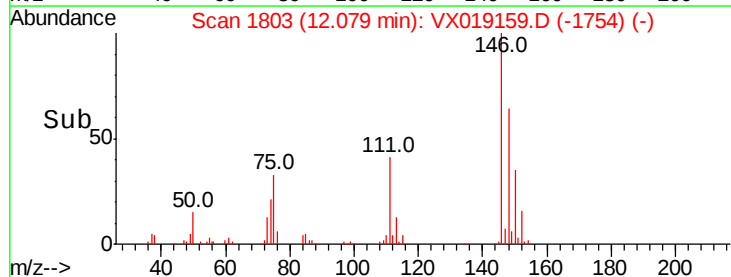
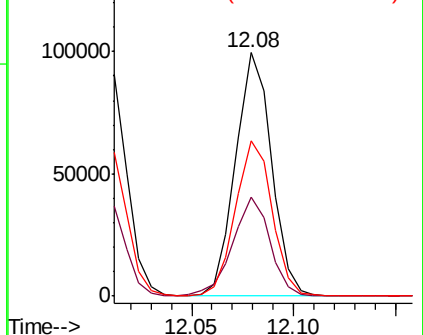
148 65.2 31.3 93.8

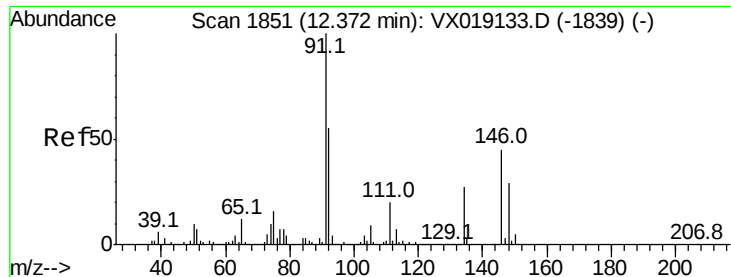


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

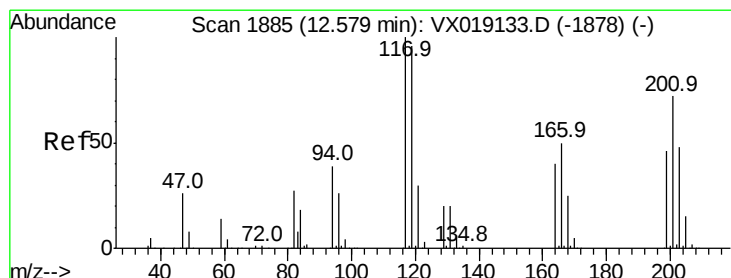
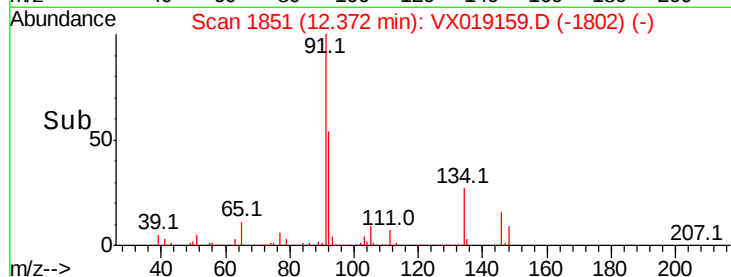
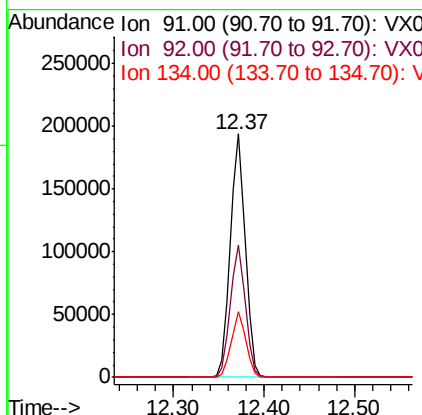
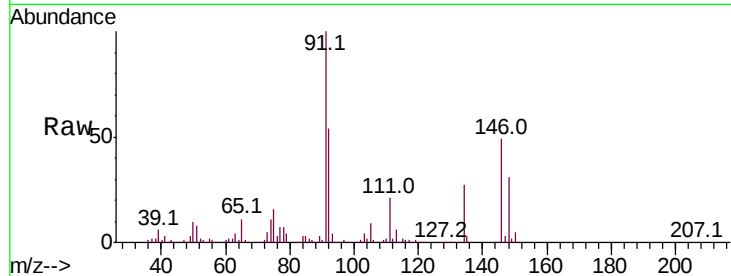




#89
n-Butylbenzene
Concen: 18.496 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

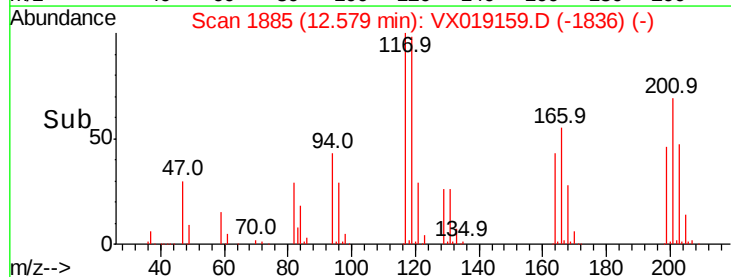
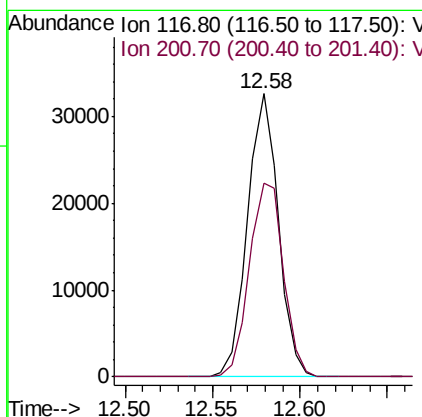
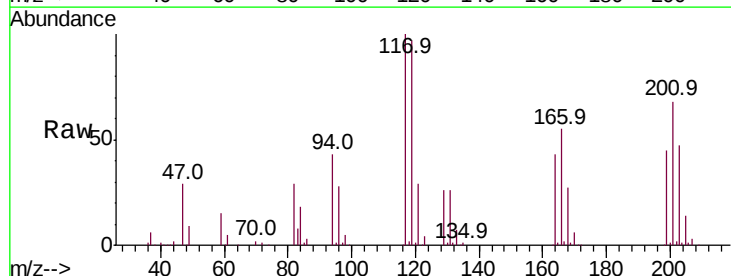
Instrument :
MSVOA_X
ClientSampleId :
VX1028WBSD01

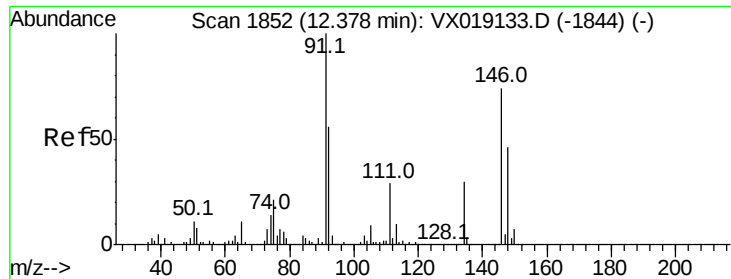
Tot Ion: 91 Resp: 224481
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 18.220 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019159.D
Acq: 28 Oct 2020 12:47

Tgt Ion: 117 Resp: 39987
Ion Ratio Lower Upper
117 100
201 75.6 38.5 115.3

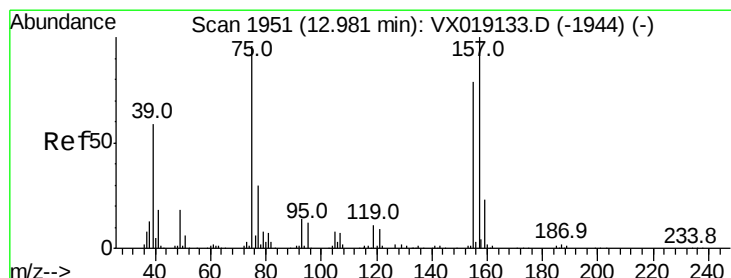
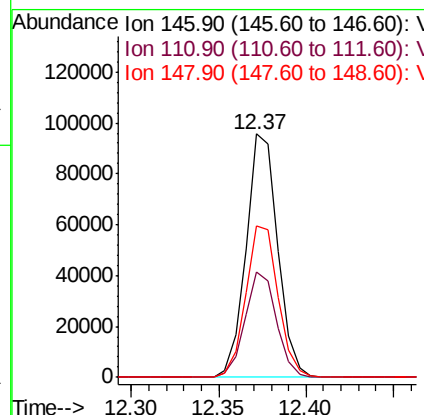
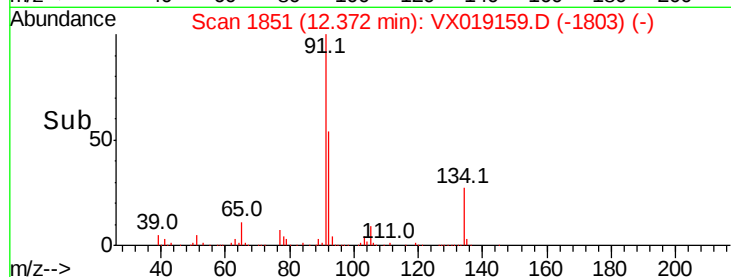
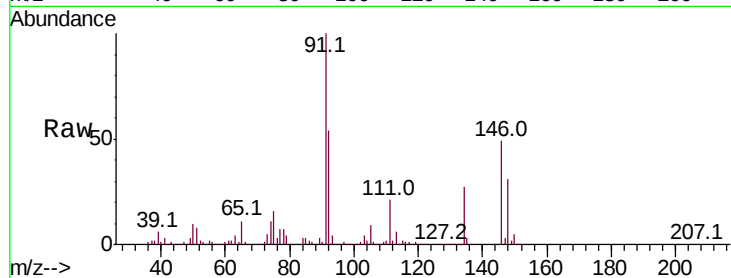




#91
 1,2-Dichlorobenzene
 Concen: 18.799 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

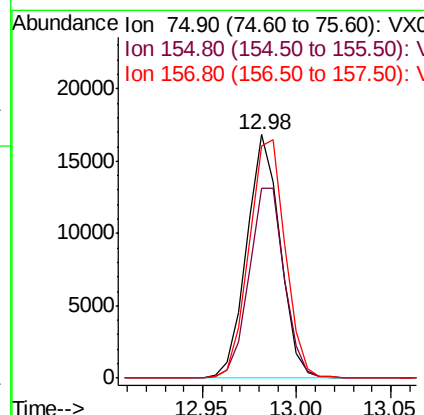
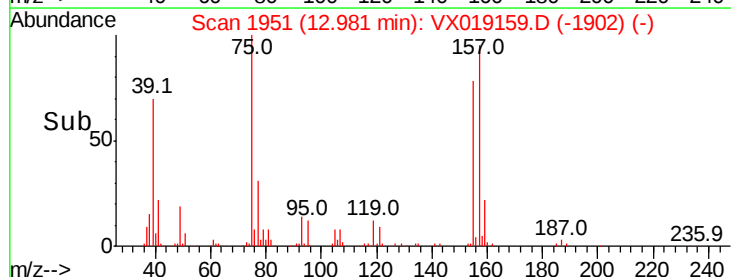
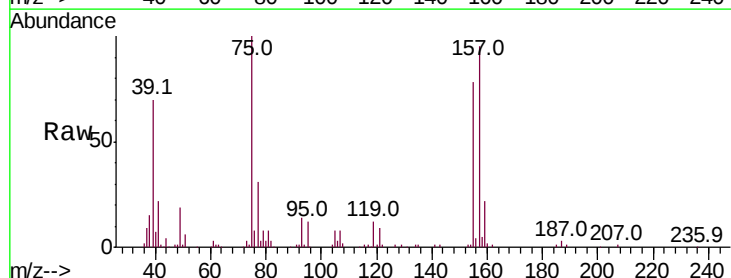
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

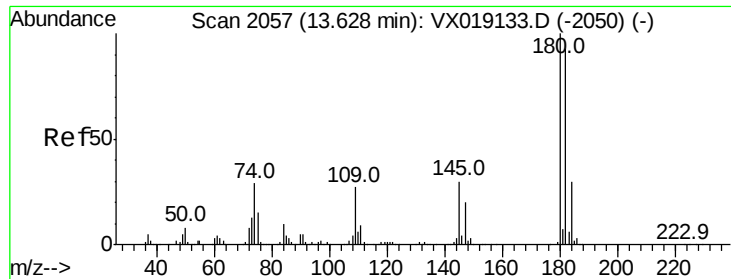
Tot Ion:146 Resp: 120306
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 63.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.719 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion: 75 Resp: 20651
 Ion Ratio Lower Upper
 75 100
 155 82.5 42.8 128.4
 157 105.5 54.8 164.4

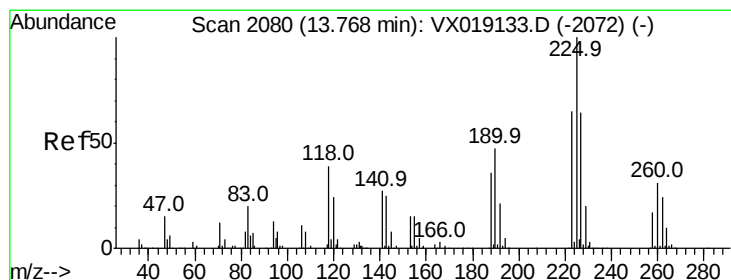
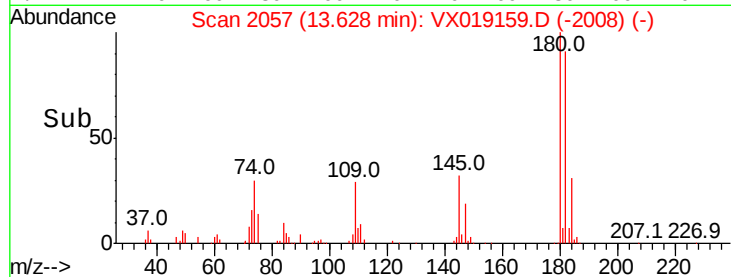
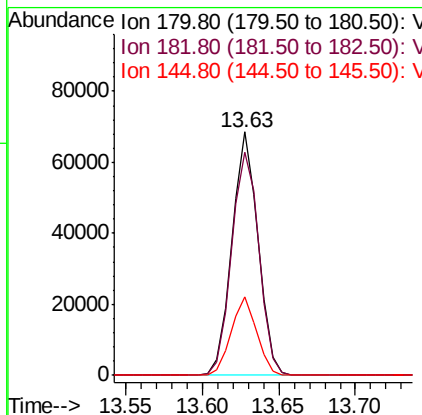
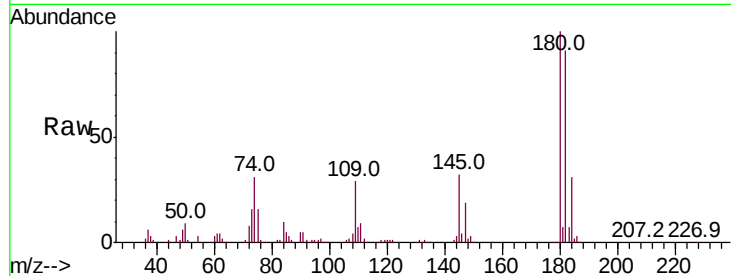




#93
 1,2,4-Trichlorobenzene
 Concen: 16.840 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

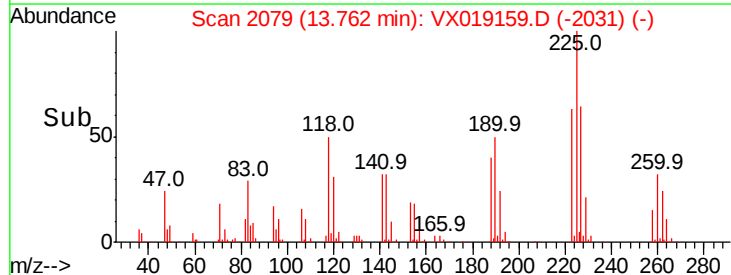
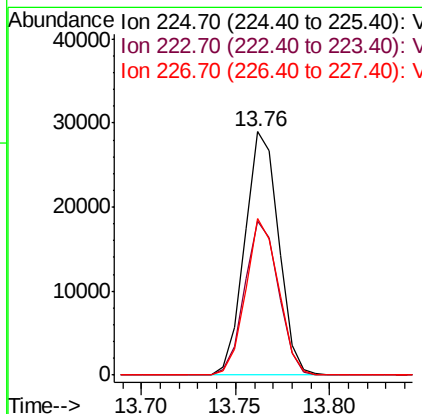
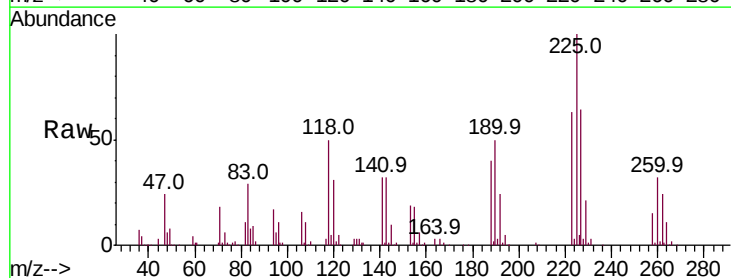
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

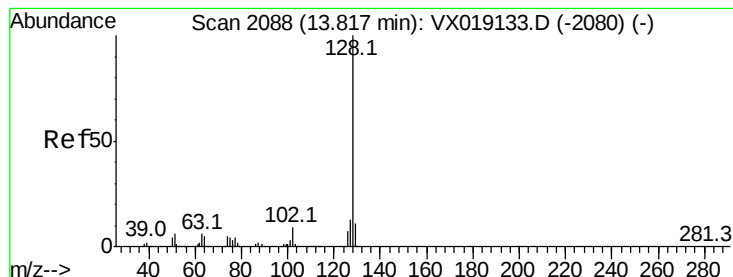
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	31.6	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 16.975 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019159.D
 Acq: 28 Oct 2020 12:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.4	97.2
227	62.6	31.6	94.7





#95

Naphthalene

Concen: 17.750 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBSD01

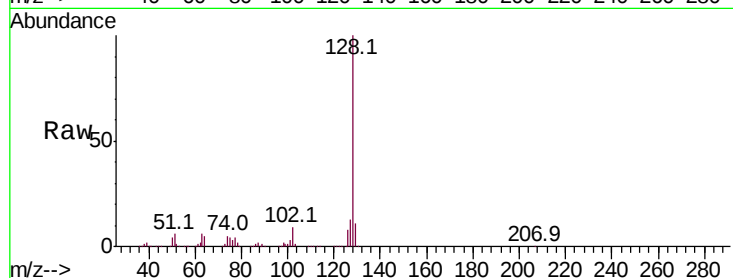
Tot Ion:128 Resp: 268736

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

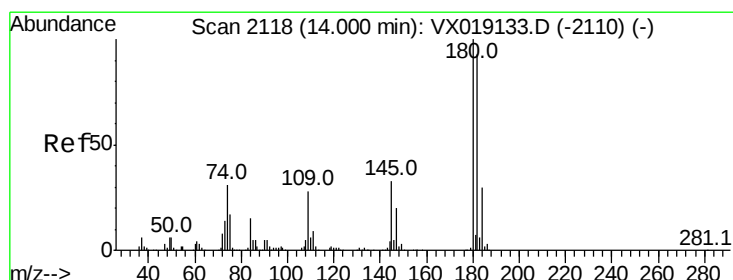
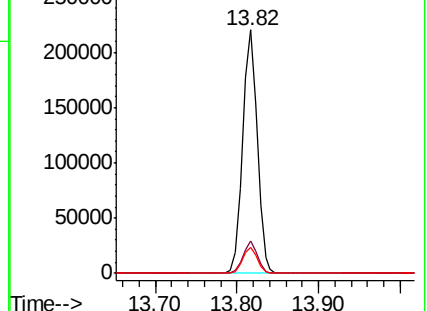
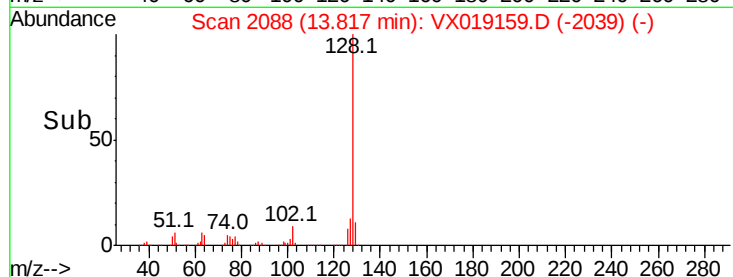
129 10.9 8.6 13.0



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: 17.499 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019159.D

Acq: 28 Oct 2020 12:47

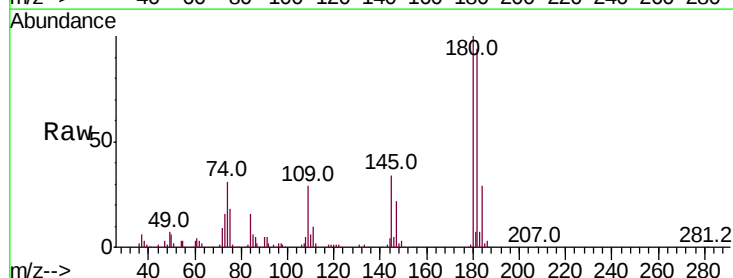
Tgt Ion:180 Resp: 81604

Ion Ratio Lower Upper

180 100

182 92.5 47.8 143.3

145 32.4 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

