

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033309.D
 Acq On : 08 Dec 2022 09:29
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 09 00:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	172637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	271205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49141	44.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.740%
35) Dibromofluoromethane	5.385	113	55041	45.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.647	98	122248	47.906	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	97549	49.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55914	46.365	ug/l	96
3) Chloromethane	1.294	50	57721	41.396	ug/l	99
4) Vinyl Chloride	1.374	62	68683	43.140	ug/l	100
5) Bromomethane	1.618	94	46646	39.924	ug/l	97
6) Chloroethane	1.691	64	52568	43.530	ug/l	98
7) Trichlorofluoromethane	1.886	101	138235	46.248	ug/l	100
8) Diethyl Ether	2.130	74	46583	43.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	77135	48.649	ug/l	99
10) Methyl Iodide	2.453	142	74671	43.000	ug/l	99
11) Tert butyl alcohol	3.020	59	49763	146.964	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	72114	46.076	ug/l	95
13) Acrolein	2.239	56	76223	207.558	ug/l	100
14) Allyl chloride	2.666	41	112505	45.013	ug/l	97
15) Acrylonitrile	3.068	53	173886	207.310	ug/l	99
16) Acetone	2.398	43	191975	234.248	ug/l	99
17) Carbon Disulfide	2.514	76	178664	44.478	ug/l	99
18) Methyl Acetate	2.709	43	100166	42.220	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	246959	45.554	ug/l	98
20) Methylene Chloride	2.788	84	79514	43.505	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	78787	46.019	ug/l	98
22) Diisopropyl ether	3.757	45	251244	46.918	ug/l	95
23) Vinyl Acetate	3.721	43	948400	228.181	ug/l	99
24) 1,1-Dichloroethane	3.611	63	140906	44.784	ug/l	100
25) 2-Butanone	4.562	43	260952	221.826	ug/l	99
26) 2,2-Dichloropropane	4.477	77	113079	48.871	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	94609	46.239	ug/l	98
28) Bromochloromethane	4.897	49	63752	48.404	ug/l	95
29) Tetrahydrofuran	5.007	42	157956	207.242	ug/l	97
30) Chloroform	5.093	83	160095	45.833	ug/l	99
31) Cyclohexane	5.470	56	127486	48.435	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	143231	47.659	ug/l	99
36) 1,1-Dichloropropene	5.690	75	116379	48.935	ug/l	99
37) Ethyl Acetate	4.708	43	98202	43.682	ug/l	99
38) Carbon Tetrachloride	5.678	117	128427	48.197	ug/l	97
39) Methylcyclohexane	7.379	83	138222	51.924	ug/l	99
40) Benzene	6.037	78	329183	47.472	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57952	46.780	ug/l	96
42) 1,2-Dichloroethane	6.086	62	129509	47.033	ug/l	99
43) Isopropyl Acetate	6.336	43	164193	45.392	ug/l	98
44) Trichloroethene	7.123	130	92698	48.486	ug/l	99
45) 1,2-Dichloropropane	7.427	63	83747	47.225	ug/l	98
46) Dibromomethane	7.580	93	62024	45.912	ug/l	98
47) Bromodichloromethane	7.818	83	126117	47.892	ug/l	98
48) Methyl methacrylate	7.690	41	83962	44.975	ug/l	95
49) 1,4-Dioxane	7.708	88	37576	882.675	ug/l #	64
51) 4-Methyl-2-Pentanone	8.574	43	516492	225.789	ug/l	97
52) Toluene	8.720	92	220884	49.268	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	127185	45.211	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	136857	48.839	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	89998	47.754	ug/l	98
56) Ethyl methacrylate	9.116	69	127547	48.068	ug/l	93
57) 1,3-Dichloropropane	9.305	76	143604	47.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	290176	239.001	ug/l	100
59) 2-Hexanone	9.433	43	387579	229.918	ug/l	95
60) Dibromochloromethane	9.519	129	100139	48.227	ug/l	99
61) 1,2-Dibromoethane	9.610	107	95354	47.567	ug/l	100
64) Tetrachloroethene	9.275	164	81560	47.632	ug/l	98
65) Chlorobenzene	10.079	112	241748	47.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	91486	47.741	ug/l	99
67) Ethyl Benzene	10.195	91	437602	49.535	ug/l	100
68) m/p-Xylenes	10.299	106	344275	100.164	ug/l	97
69) o-Xylene	10.640	106	165789	48.799	ug/l	98
70) Styrene	10.652	104	279138	50.167	ug/l	98
71) Bromoform	10.799	173	71331	47.026	ug/l #	99
73) Isopropylbenzene	10.963	105	442394	48.381	ug/l	99
74) N-amyl acetate	10.841	43	147071	47.142	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126859	43.732	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137399	53.532	ug/l	88
77) Bromobenzene	11.195	156	106610	46.171	ug/l	99
78) n-propylbenzene	11.305	91	510235	49.974	ug/l	99
79) 2-Chlorotoluene	11.366	91	301610	47.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	371632	48.825	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	35577	43.118	ug/l	95
82) 4-Chlorotoluene	11.451	91	348717	47.528	ug/l	98
83) tert-Butylbenzene	11.713	119	364266	47.992	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	369297	48.606	ug/l	100
85) sec-Butylbenzene	11.890	105	444778	50.225	ug/l	99
86) p-Isopropyltoluene	12.012	119	378857	49.622	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	201471	48.168	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	201786	47.231	ug/l	99
89) n-Butylbenzene	12.329	91	324755	51.934	ug/l	99
90) Hexachloroethane	12.542	117	61617	47.479	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	194397	46.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26552	42.375	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	123370	48.849	ug/l	99
94) Hexachlorobutadiene	13.725	225	49179	48.628	ug/l	99
95) Naphthalene	13.774	128	398755	47.334	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122545	47.910	ug/l	99

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QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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

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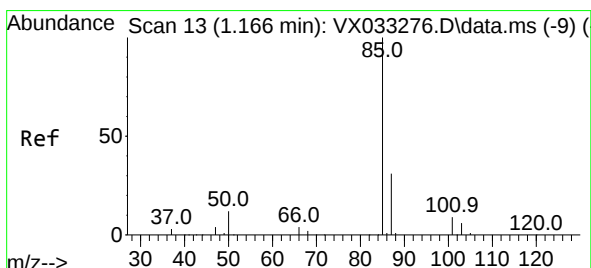
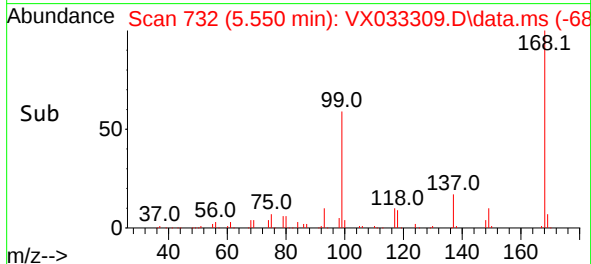
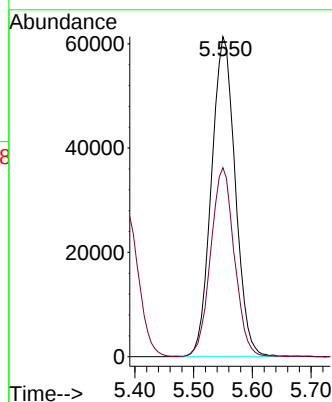
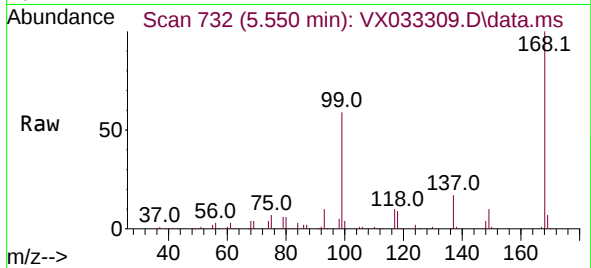




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

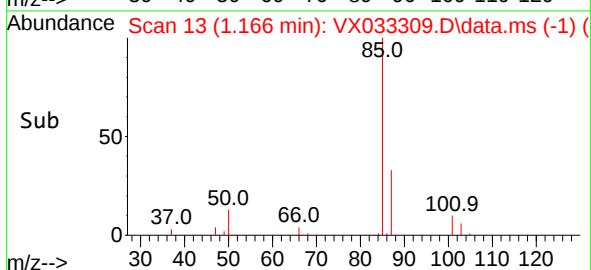
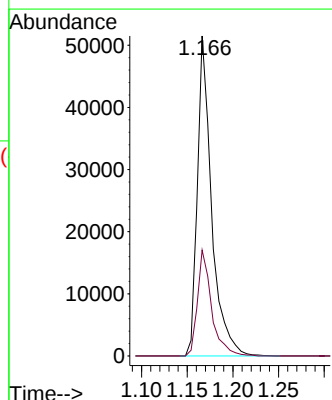
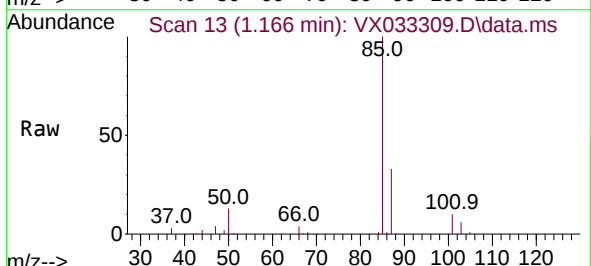
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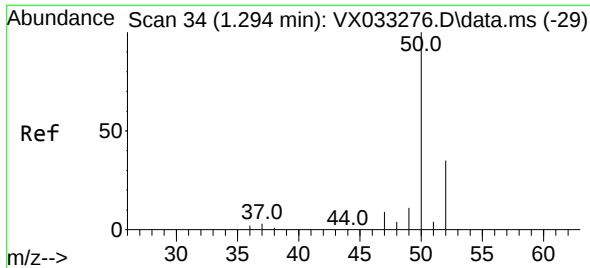
Tgt Ion:168 Resp: 172637
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 46.365 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 85 Resp: 55914
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.7

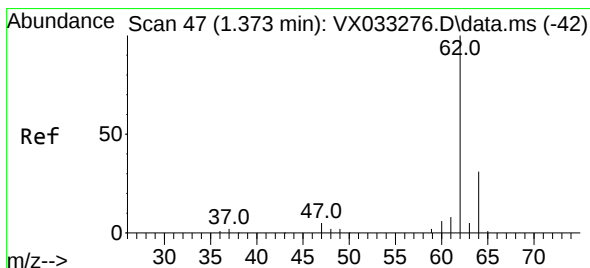
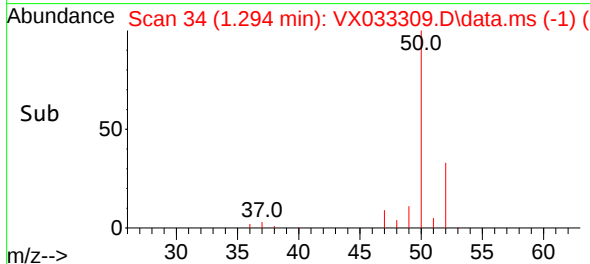
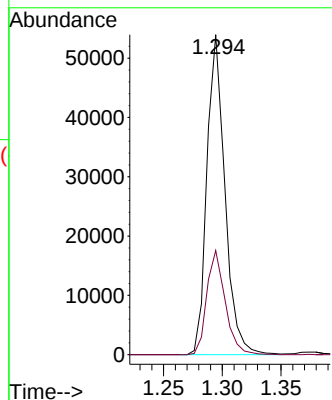
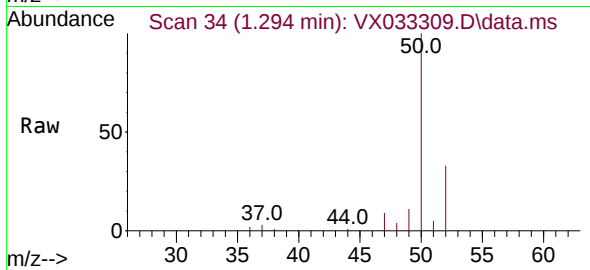




#3
Chloromethane
Concen: 41.396 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

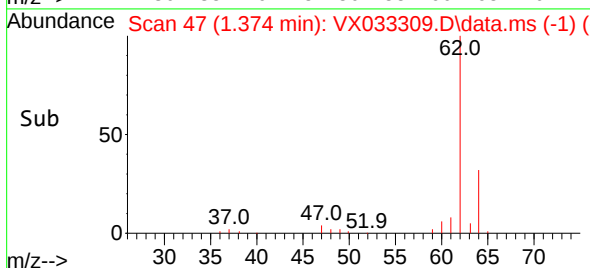
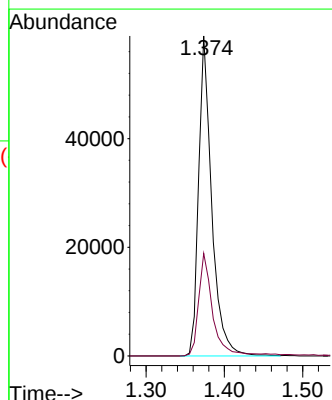
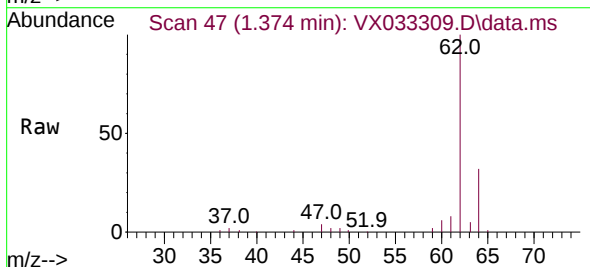
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

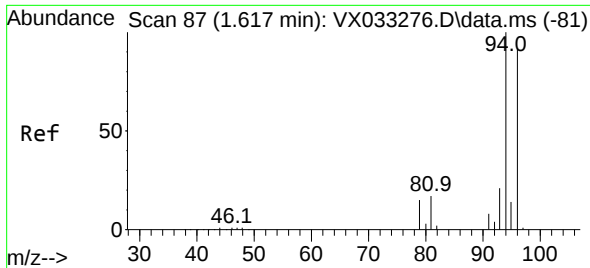
Tgt Ion: 50 Resp: 57721
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 43.140 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 62 Resp: 68683
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

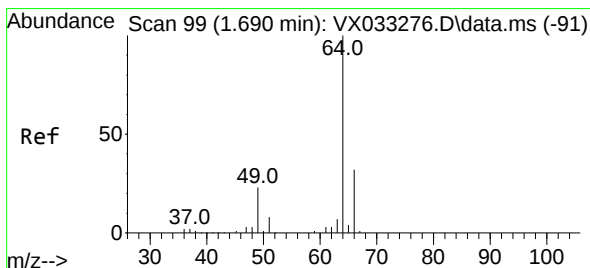
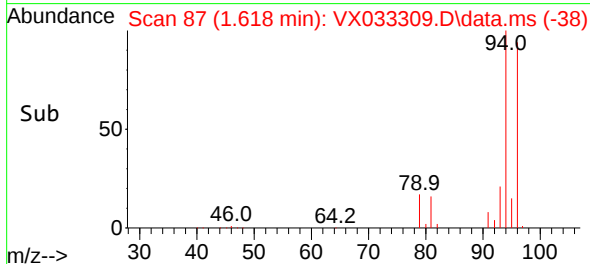
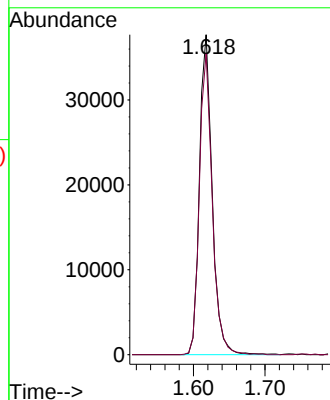
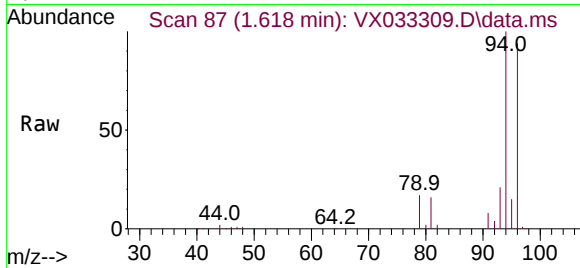




#5
Bromomethane
Concen: 39.924 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

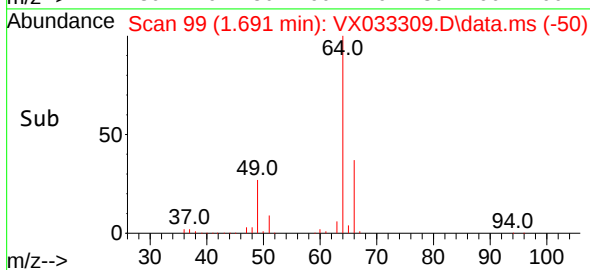
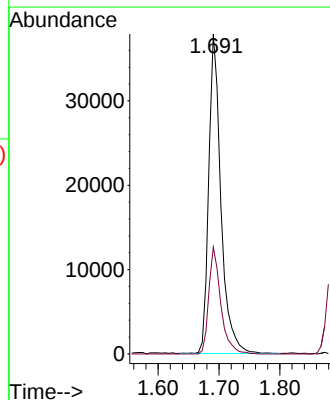
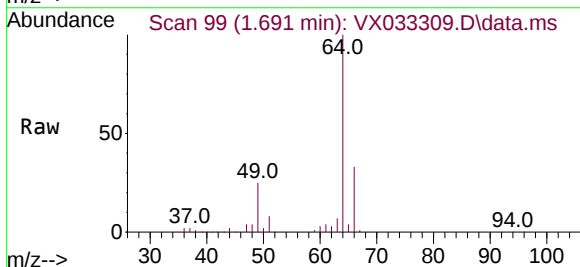
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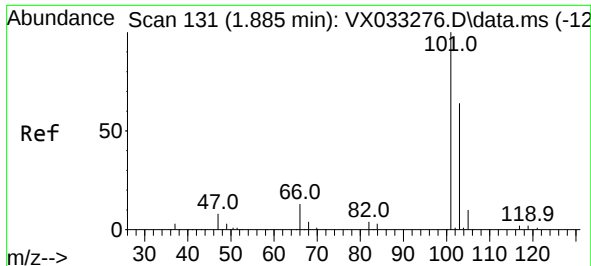
Tgt Ion: 94 Resp: 46646
Ion Ratio Lower Upper
94 100
96 94.0 77.6 116.4



#6
Chloroethane
Concen: 43.530 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 64 Resp: 52568
Ion Ratio Lower Upper
64 100
66 33.4 26.0 39.0

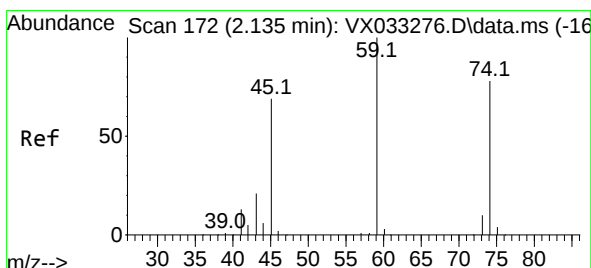
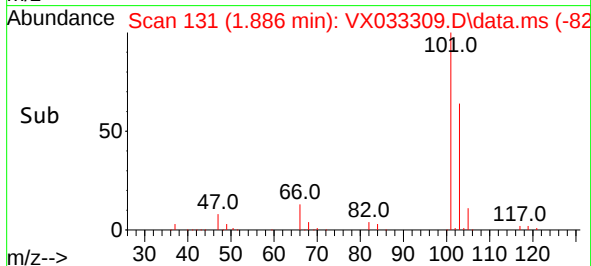
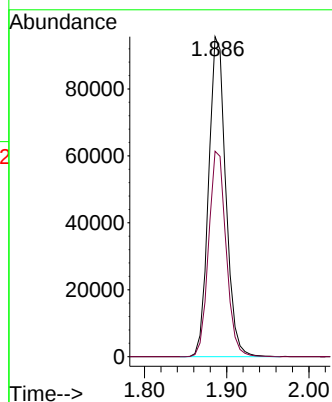
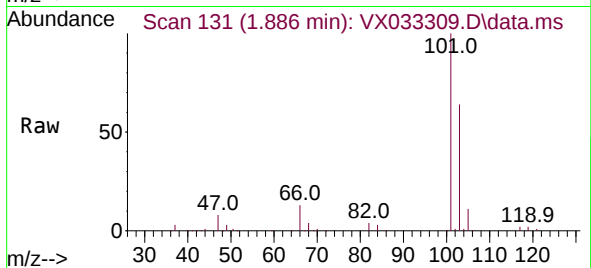




#7
Trichlorofluoromethane
Concen: 46.248 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

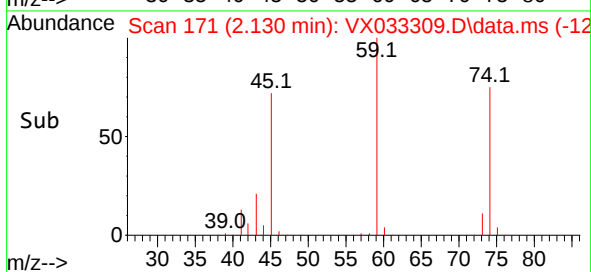
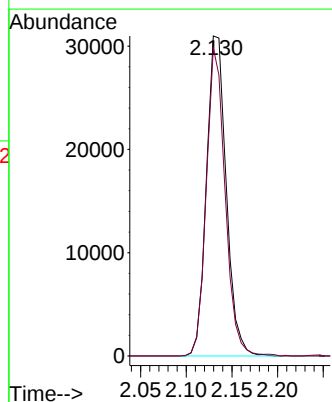
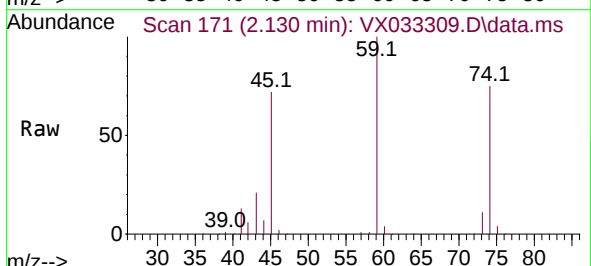
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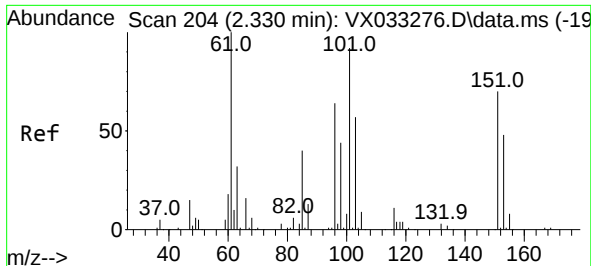
Tgt Ion:101 Resp: 138235
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2



#8
Diethyl Ether
Concen: 43.148 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 74 Resp: 46583
Ion Ratio Lower Upper
74 100
45 91.6 46.6 139.7

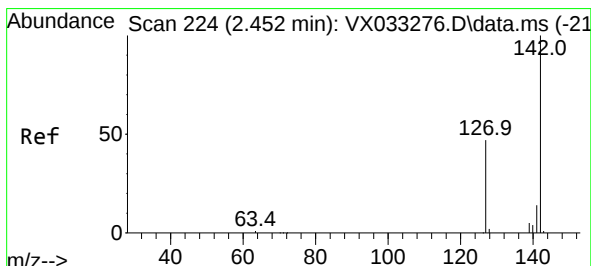
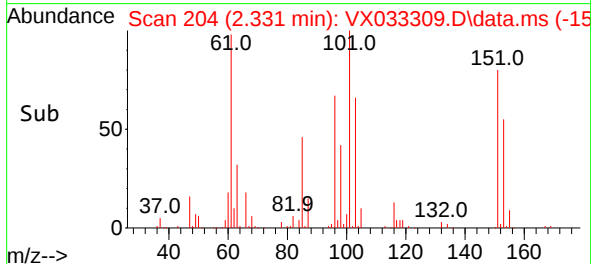
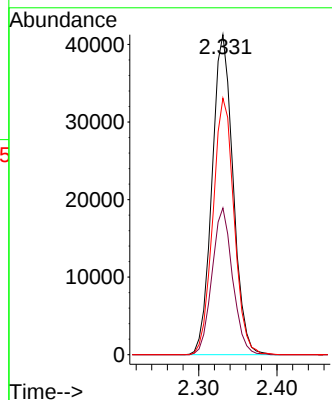
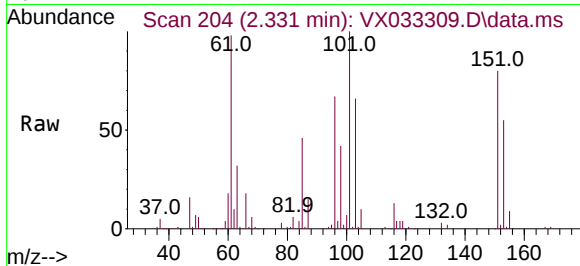




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.649 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033309.D
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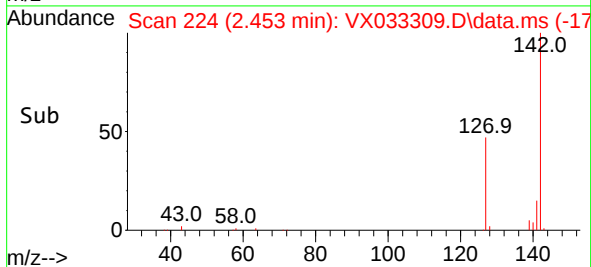
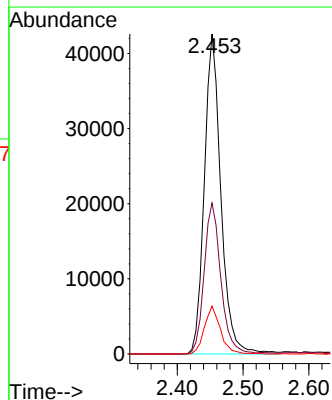
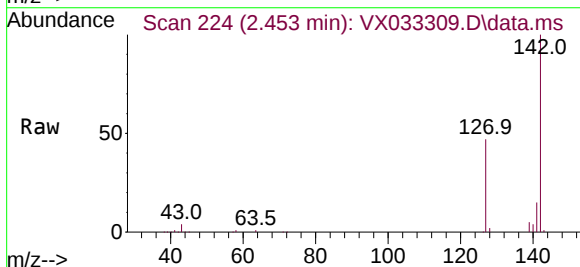
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ClientSampleId :
VSTDCCC050

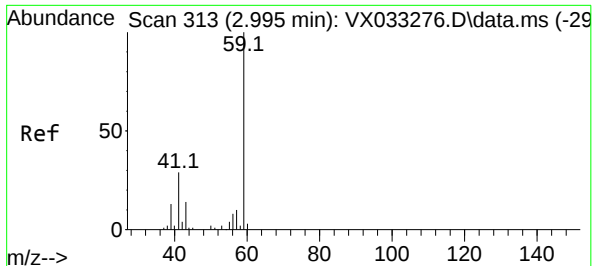
Tgt Ion:101 Resp: 77135
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 80.6 64.4 96.6



#10
Methyl Iodide
Concen: 43.000 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:142 Resp: 74671
Ion Ratio Lower Upper
142 100
127 47.7 38.6 57.8
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 146.964 ug/l

RT: 3.020 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

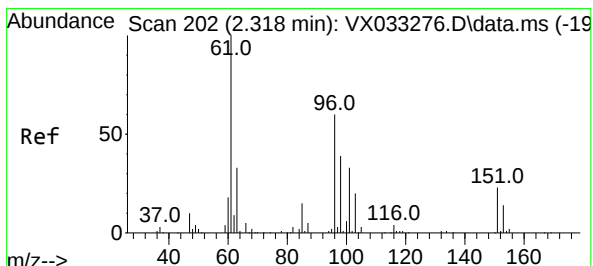
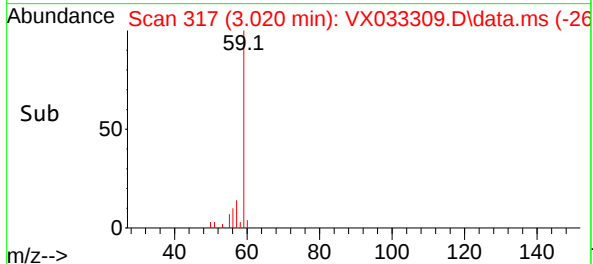
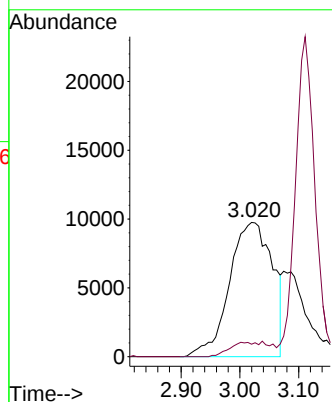
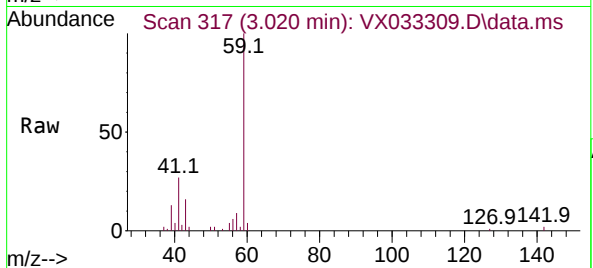
VSTDCCC050

Tgt Ion: 59 Resp: 49763

Ion Ratio Lower Upper

59 100

57 5.5 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 46.076 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

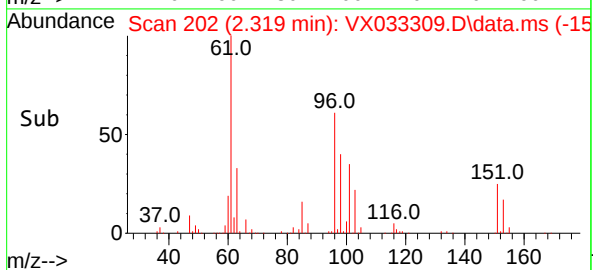
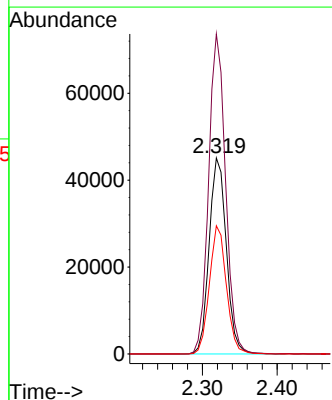
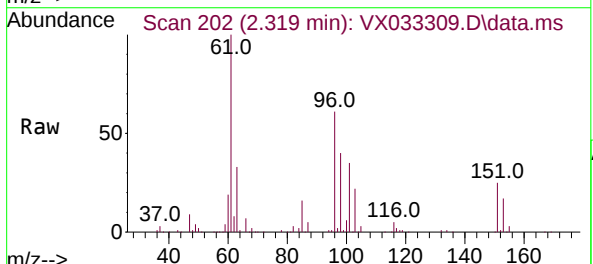
Tgt Ion: 96 Resp: 72114

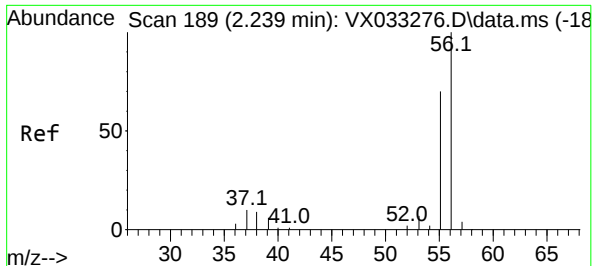
Ion Ratio Lower Upper

96 100

61 163.3 125.1 187.7

98 65.4 50.6 76.0





#13

Acrolein

Concen: 207.558 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

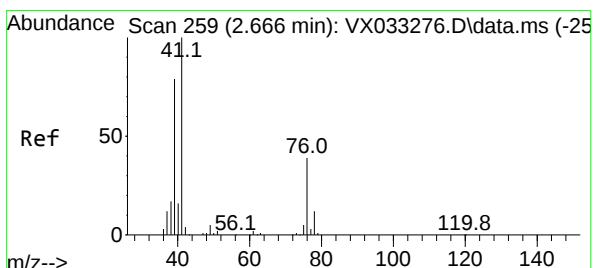
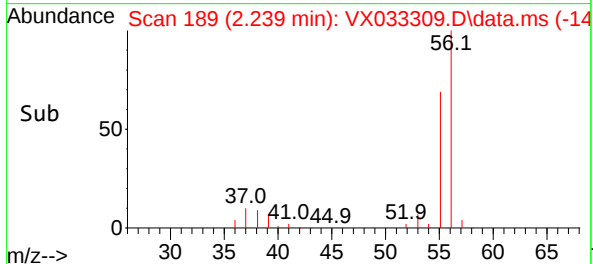
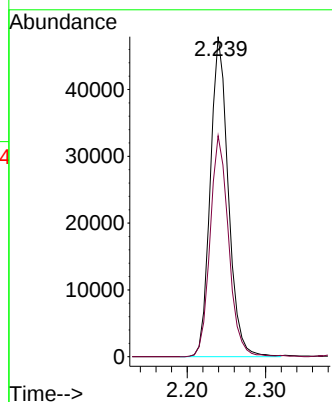
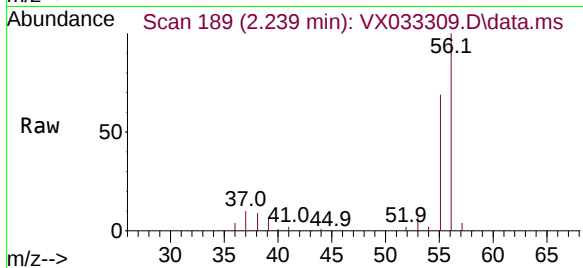
VSTDCCC050

Tgt Ion: 56 Resp: 76223

Ion Ratio Lower Upper

56 100

55 71.0 56.9 85.3



#14

Allyl chloride

Concen: 45.013 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

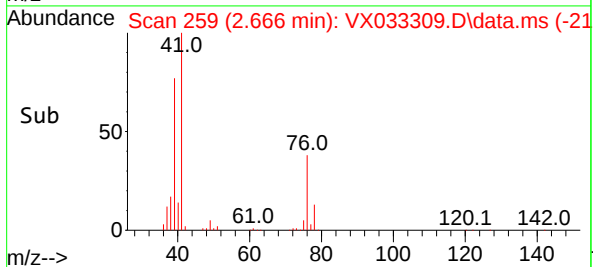
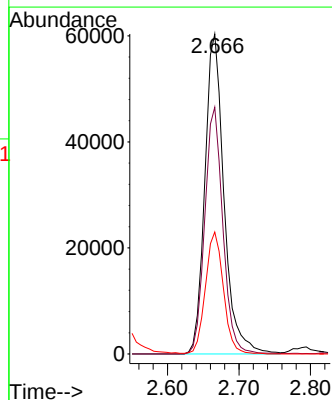
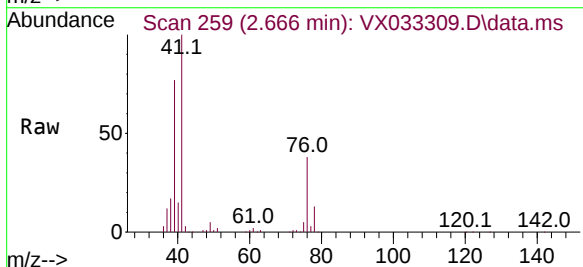
Tgt Ion: 41 Resp: 112505

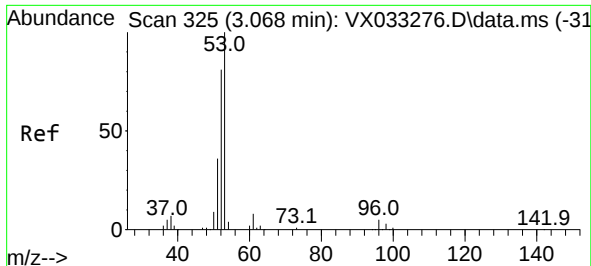
Ion Ratio Lower Upper

41 100

39 72.9 61.4 92.2

76 35.8 29.2 43.8

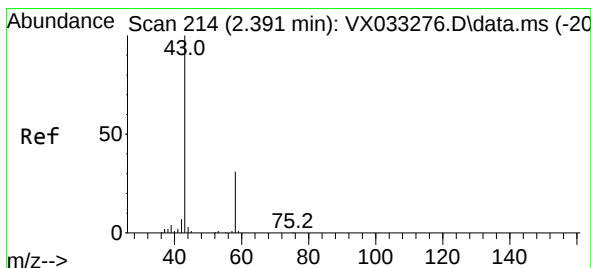
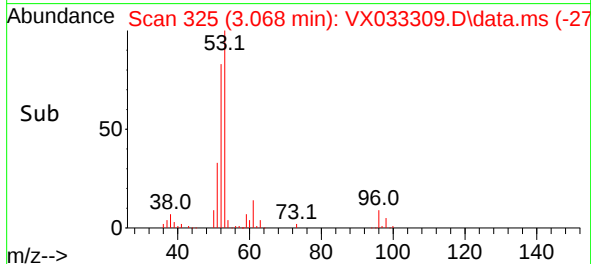
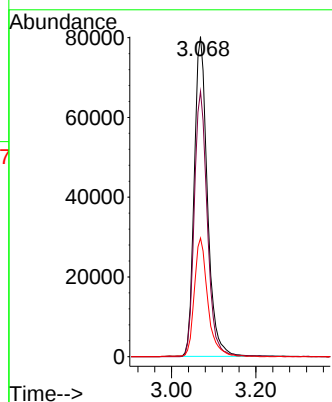
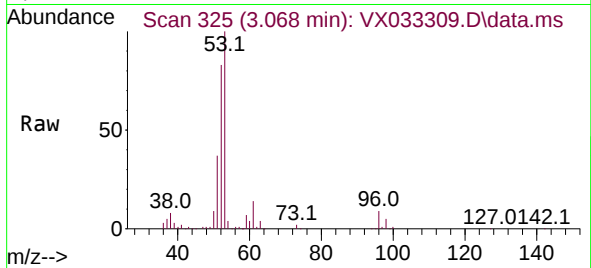




#15
Acrylonitrile
Concen: 207.310 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

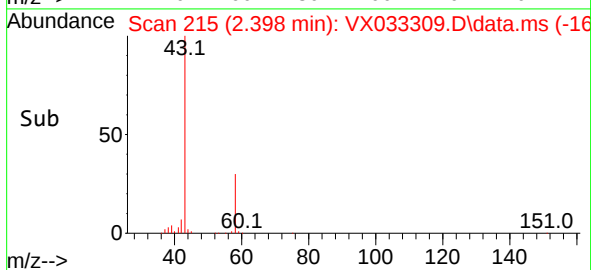
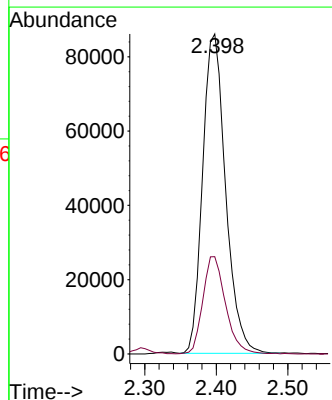
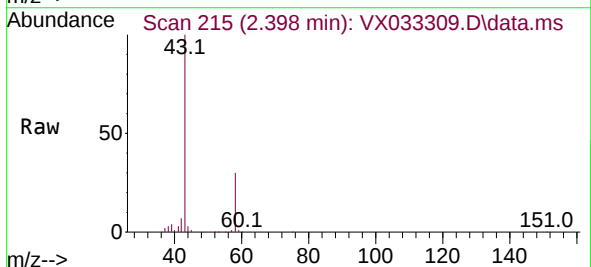
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

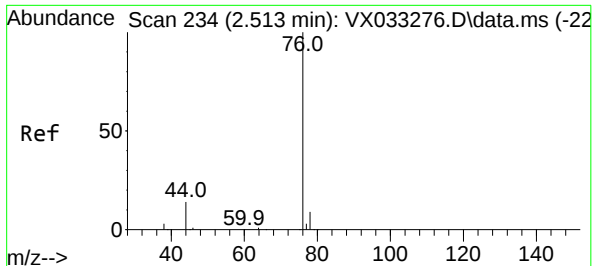
Tgt Ion: 53 Resp: 173886
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.0
51 38.1 30.3 45.5



#16
Acetone
Concen: 234.248 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 43 Resp: 191975
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8

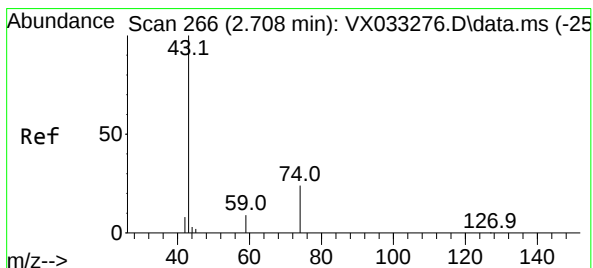
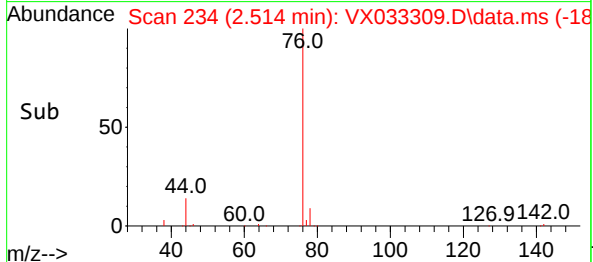
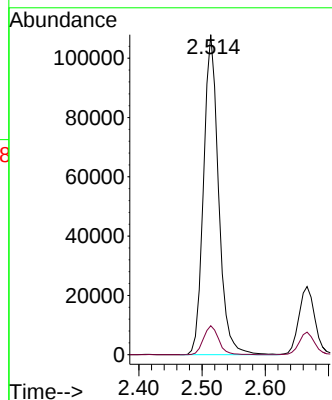
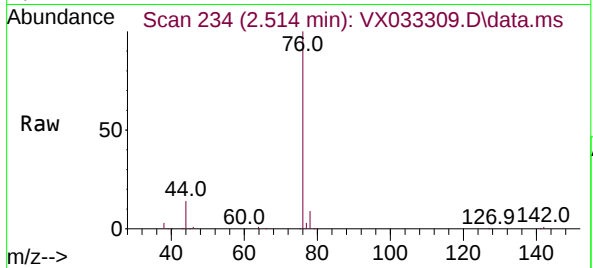




#17
Carbon Disulfide
Concen: 44.478 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

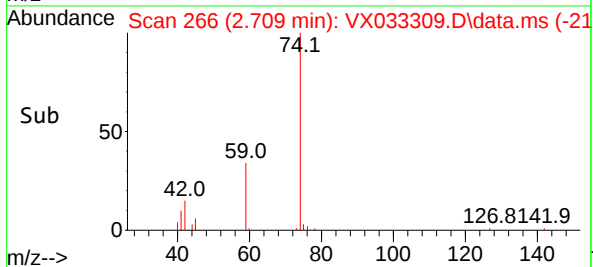
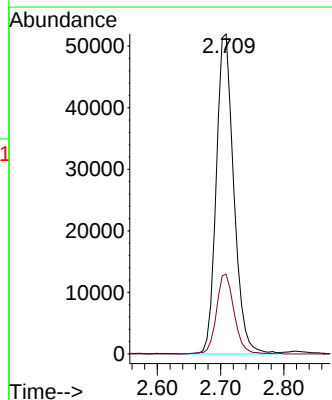
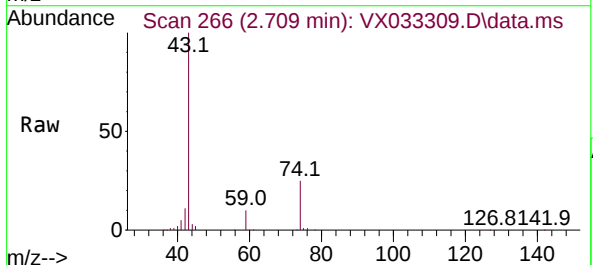
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

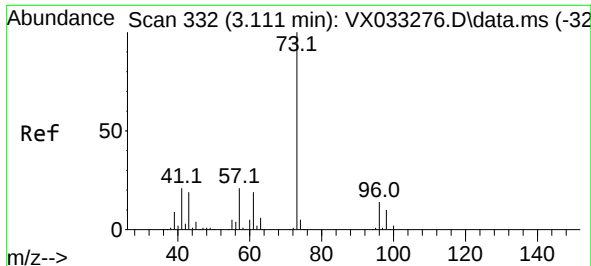
Tgt Ion: 76 Resp: 178664
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 42.220 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 43 Resp: 100166
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.0

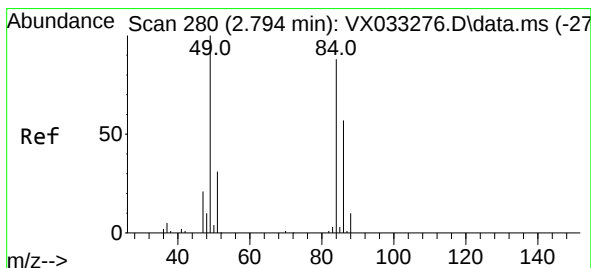
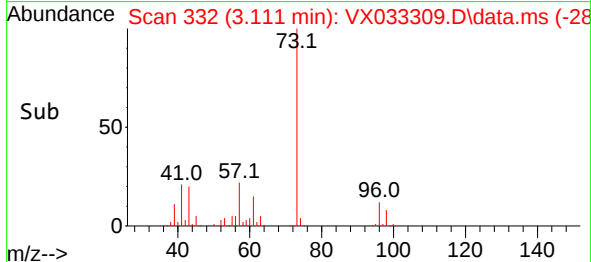
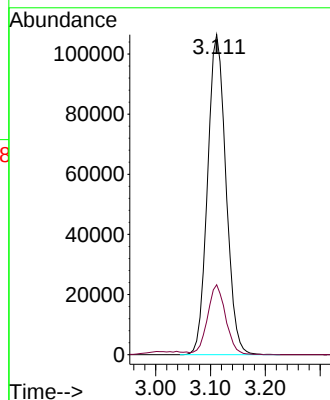
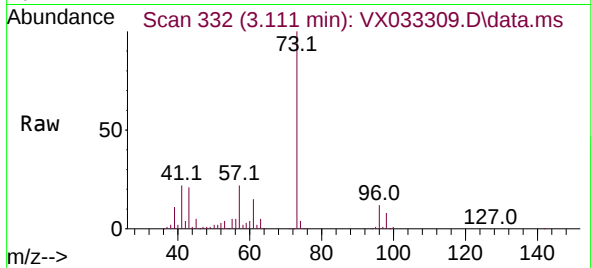




#19
Methyl tert-butyl Ether
Concen: 45.554 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

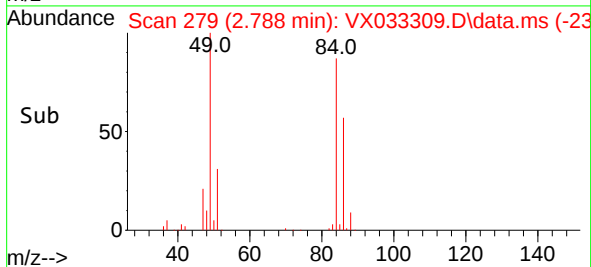
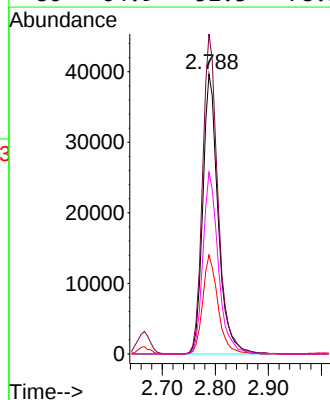
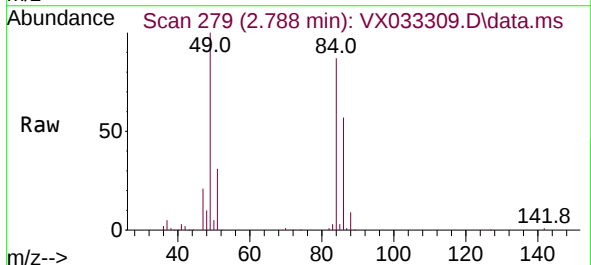
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 246959
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 43.505 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 84 Resp: 79514
Ion Ratio Lower Upper
84 100
49 114.4 101.0 151.6
51 35.4 31.1 46.7
86 64.9 52.3 78.5

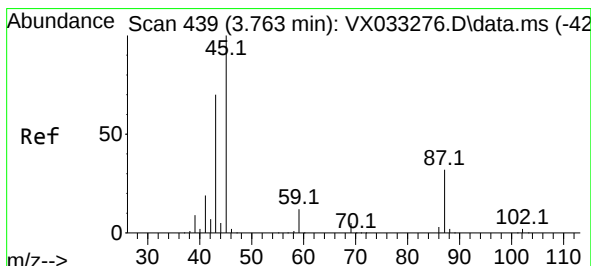
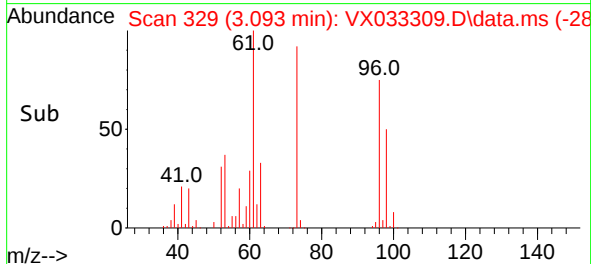
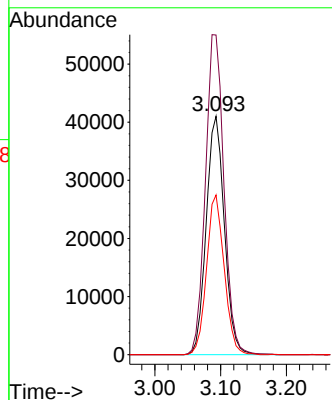
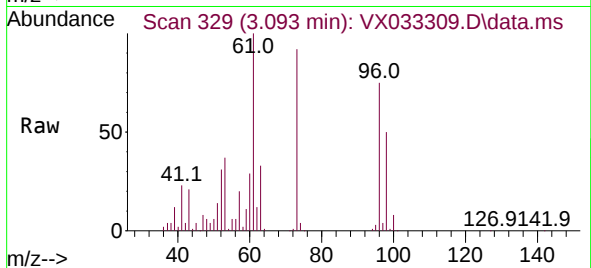




#21
trans-1,2-Dichloroethene
Concen: 46.019 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

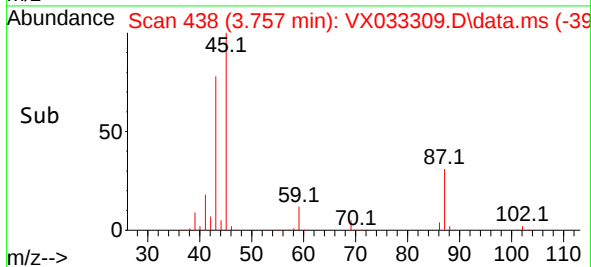
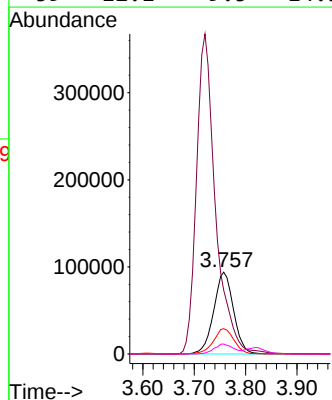
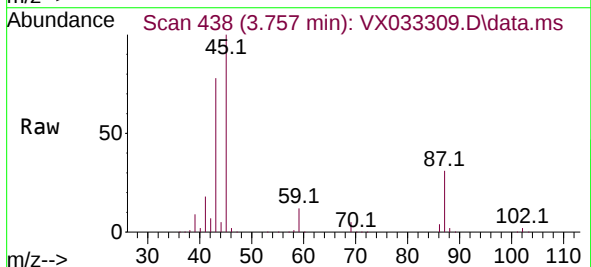
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

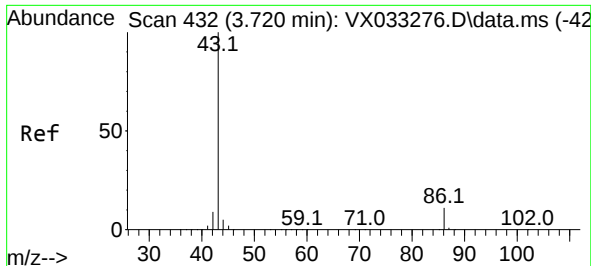
Tgt Ion: 96 Resp: 78787
Ion Ratio Lower Upper
96 100
61 134.1 106.6 160.0
98 67.0 51.0 76.6



#22
Diisopropyl ether
Concen: 46.918 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 45 Resp: 251244
Ion Ratio Lower Upper
45 100
43 77.3 56.4 84.6
87 31.0 24.4 36.6
59 12.1 9.5 14.3

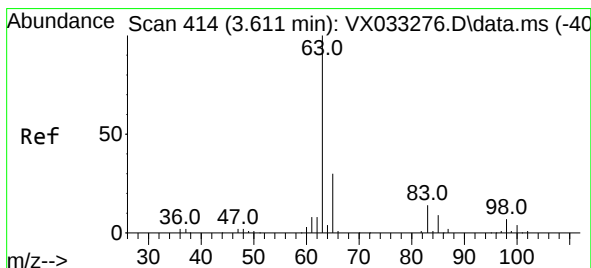
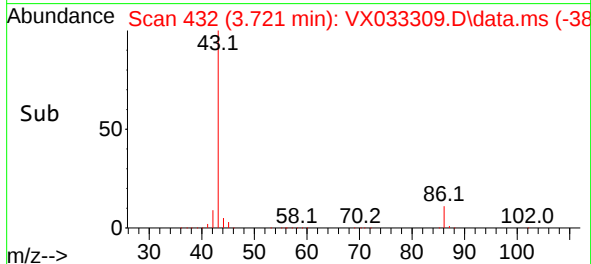
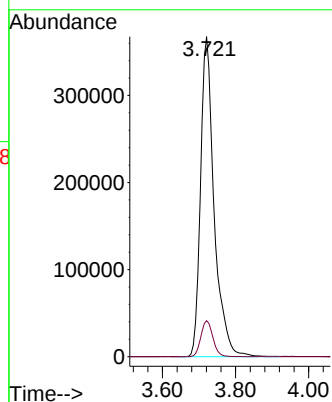
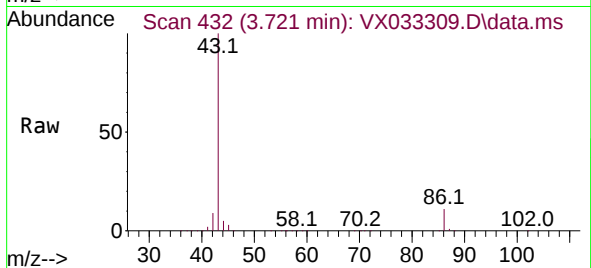




#23
 Vinyl Acetate
 Concen: 228.181 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29

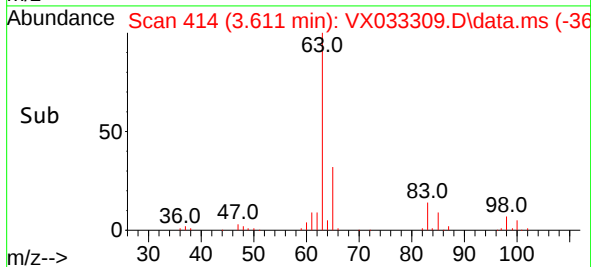
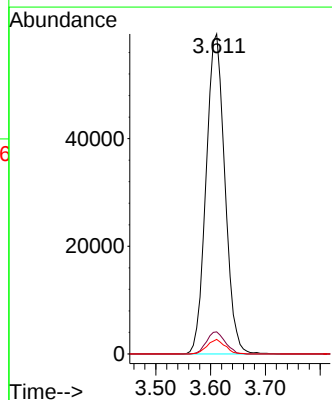
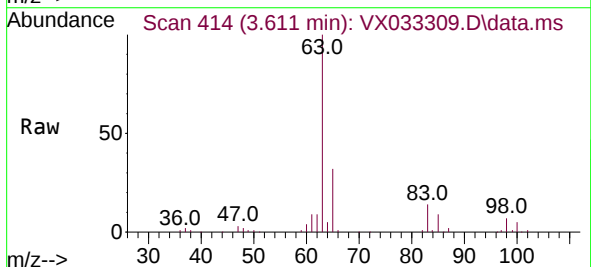
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

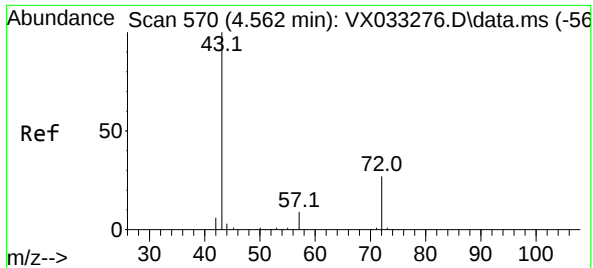
Tgt Ion: 43 Resp: 948400
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 44.784 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29

Tgt Ion: 63 Resp: 140906
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.6 2.3 6.8

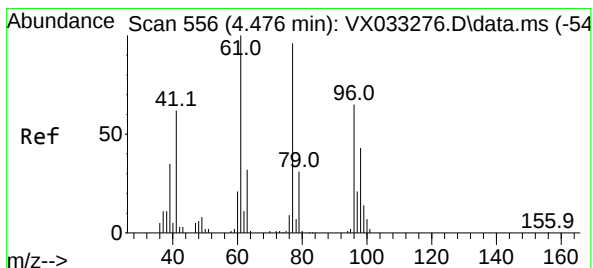
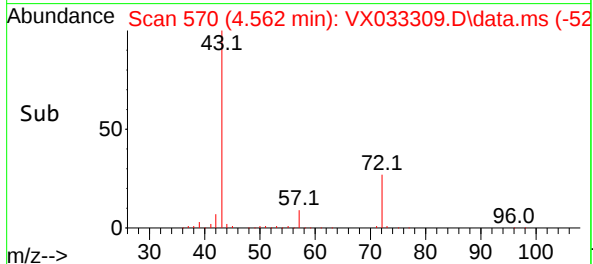
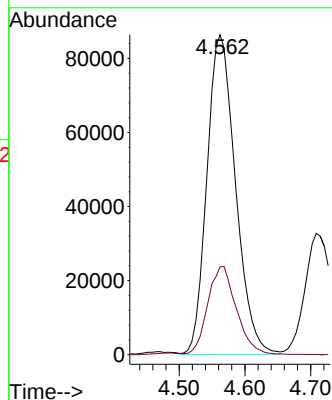
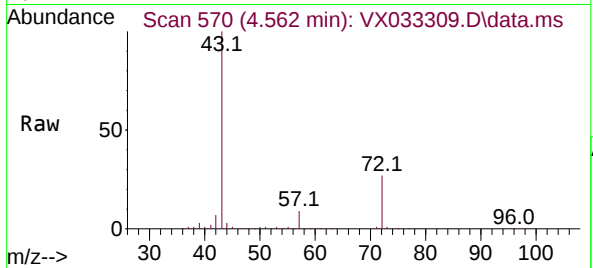




#25
2-Butanone
Concen: 221.826 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

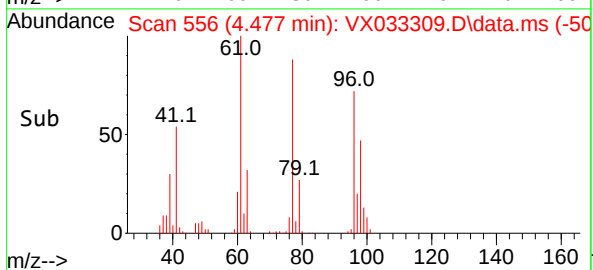
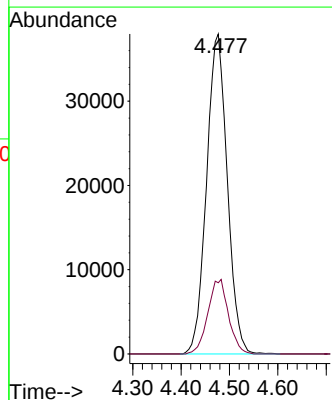
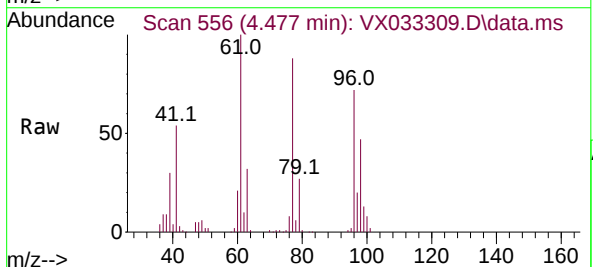
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 260952
Ion Ratio Lower Upper
43 100
72 27.2 22.2 33.2



#26
2,2-Dichloropropane
Concen: 48.871 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 77 Resp: 113079
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.239 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

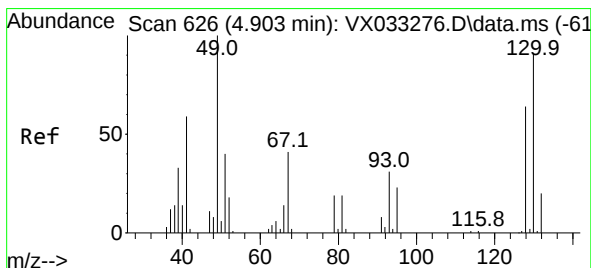
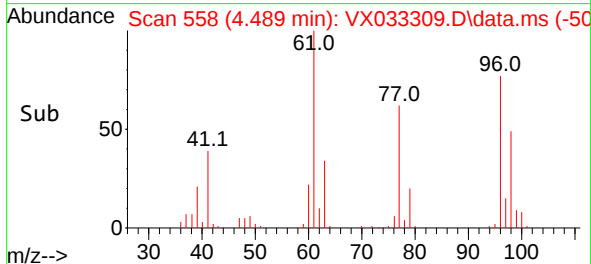
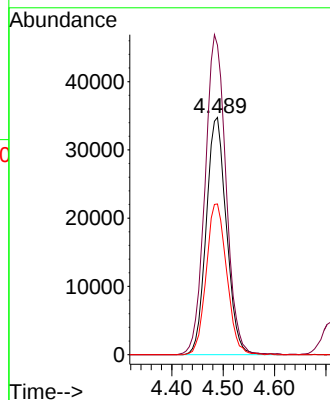
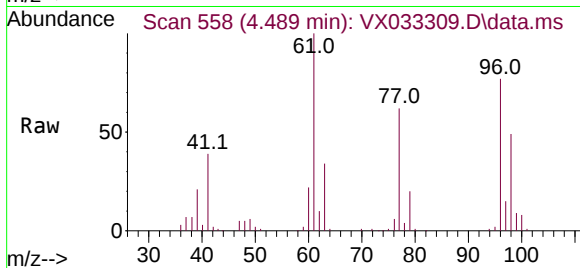
Tgt Ion: 96 Resp: 94609

Ion Ratio Lower Upper

96 100

61 139.9 0.0 286.0

98 64.6 0.0 129.6



#28

Bromochloromethane

Concen: 48.404 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

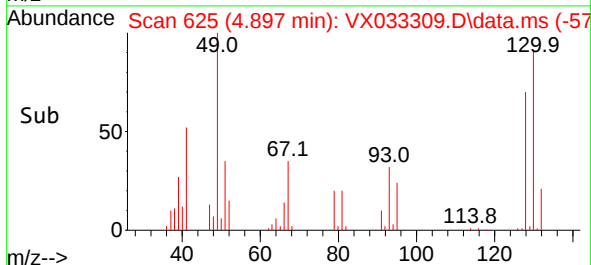
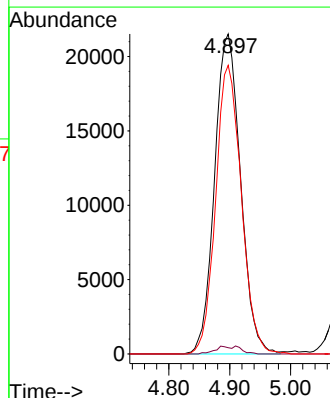
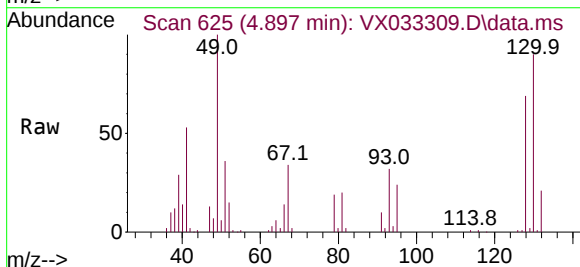
Tgt Ion: 49 Resp: 63752

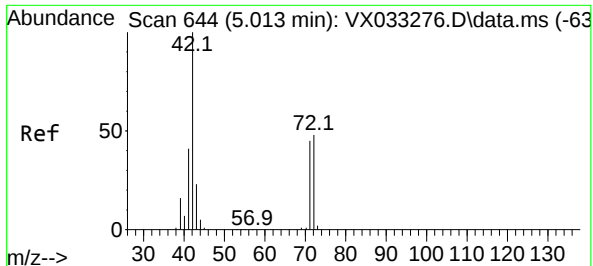
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 89.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 207.242 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

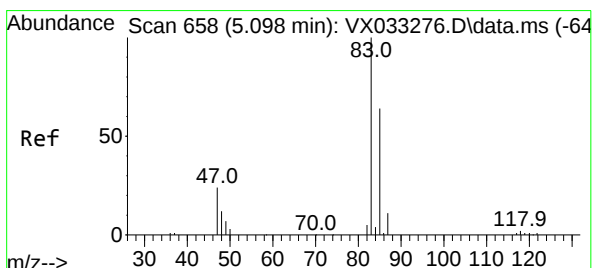
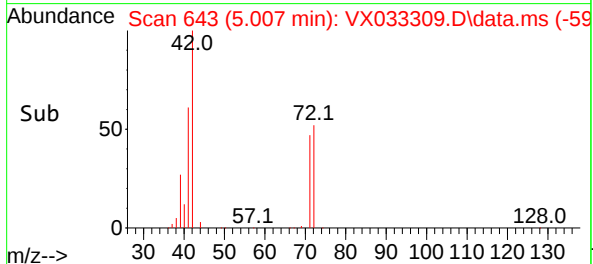
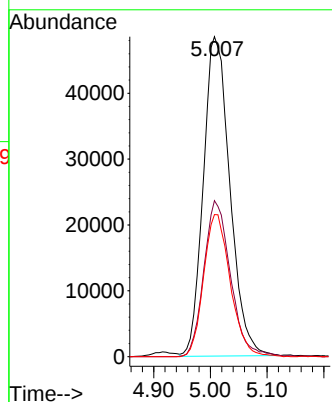
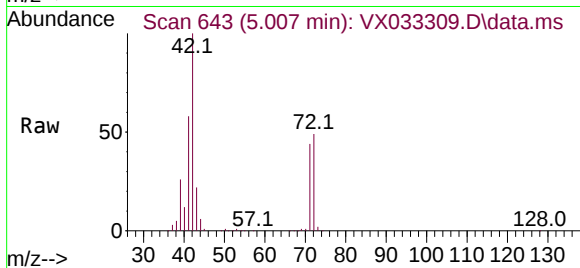
Tgt Ion: 42 Resp: 157956

Ion Ratio Lower Upper

42 100

72 49.0 37.6 56.4

71 44.7 34.7 52.1



#30

Chloroform

Concen: 45.833 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033309.D

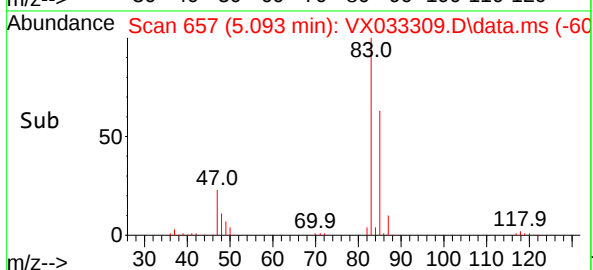
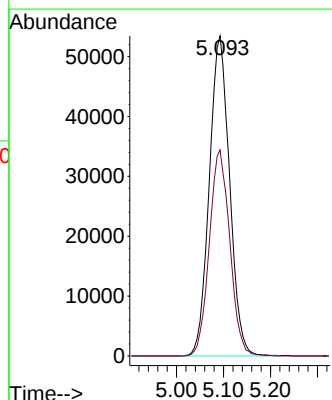
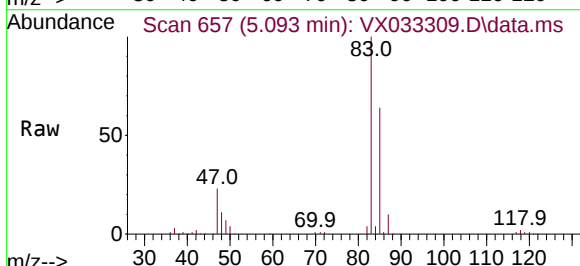
Acq: 08 Dec 2022 09:29

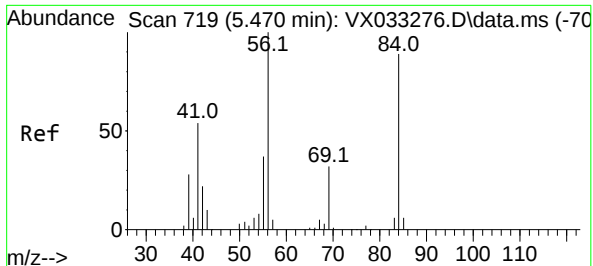
Tgt Ion: 83 Resp: 160095

Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

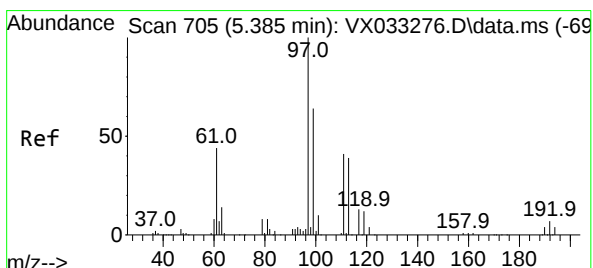
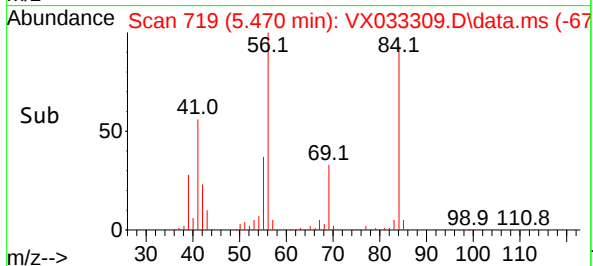
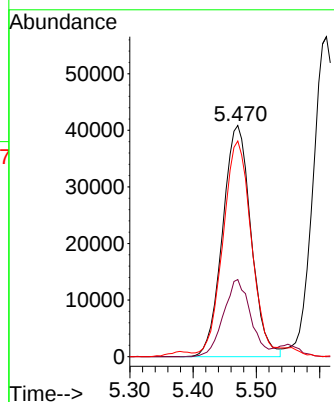
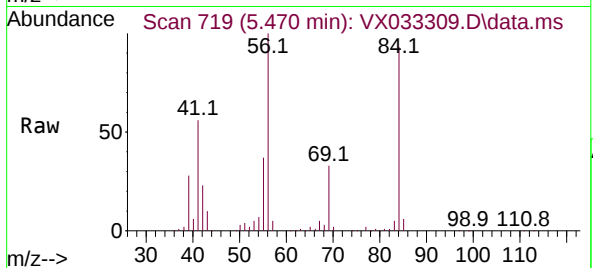




#31
Cyclohexane
Concen: 48.435 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

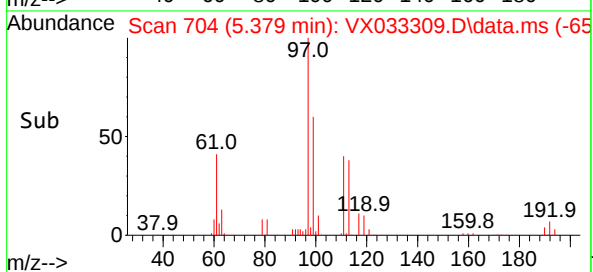
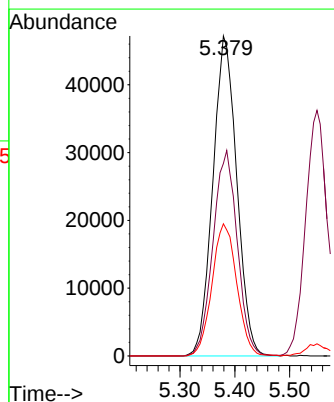
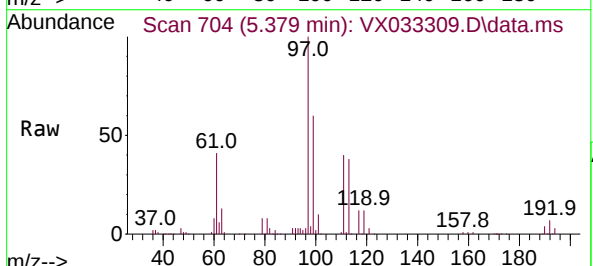
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

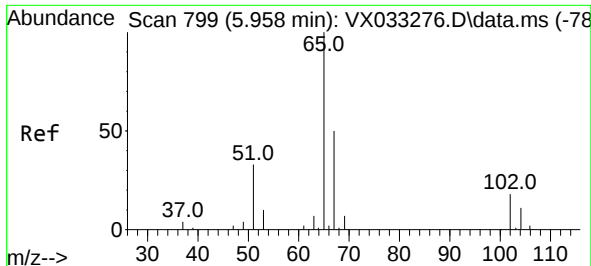
Tgt Ion: 56 Resp: 127486
Ion Ratio Lower Upper
56 100
69 33.4 24.1 36.1
84 90.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 47.659 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 97 Resp: 143231
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 42.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.370 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

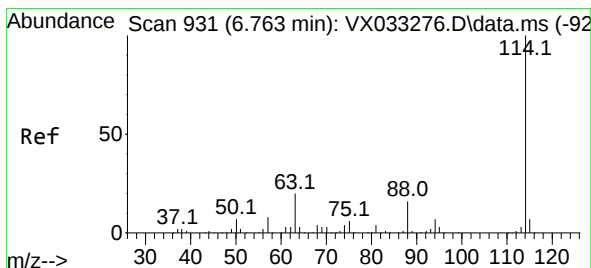
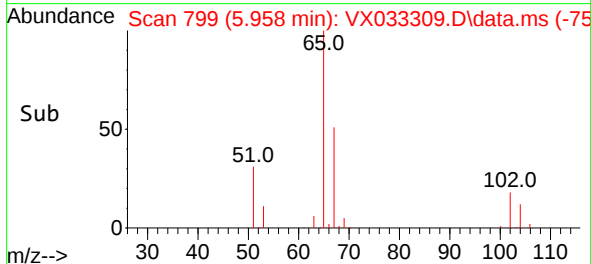
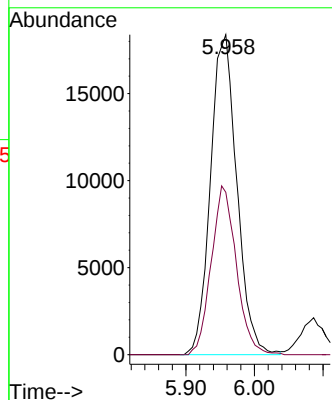
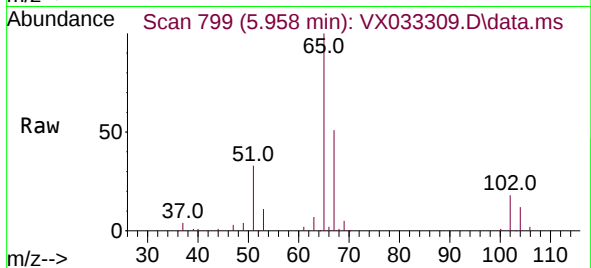
VSTDCCC050

Tgt Ion: 65 Resp: 49141

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

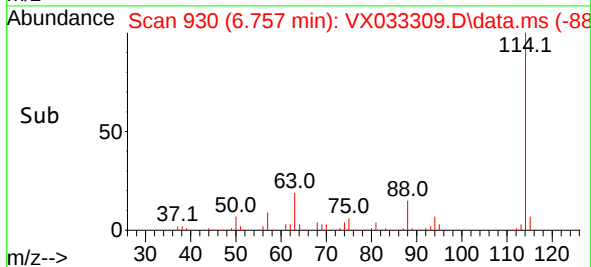
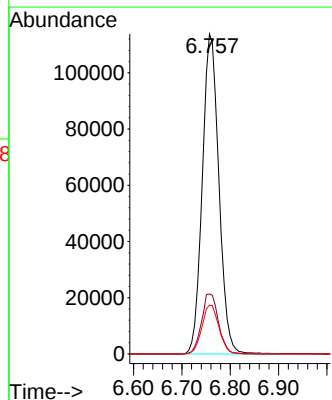
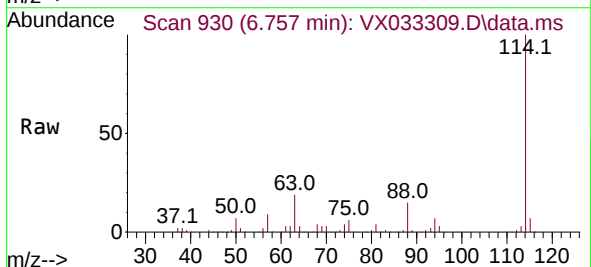
Tgt Ion: 114 Resp: 271205

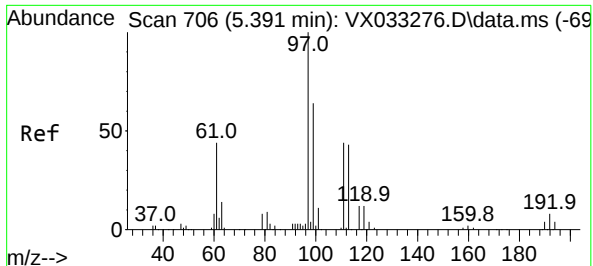
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.122 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

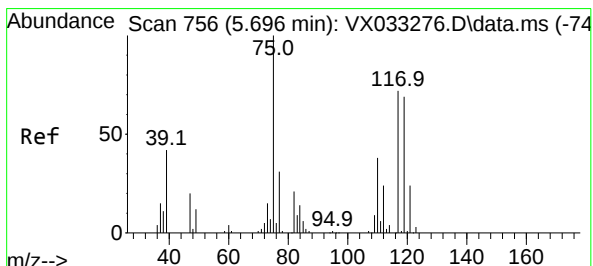
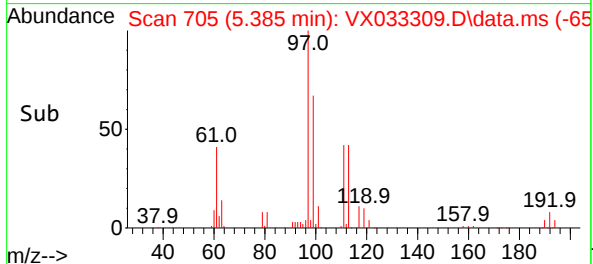
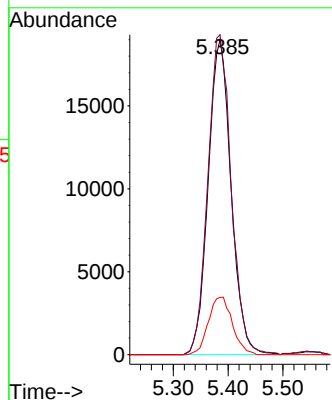
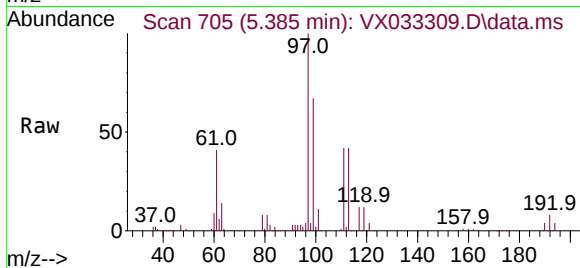
Tgt Ion:113 Resp: 55041

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 48.935 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

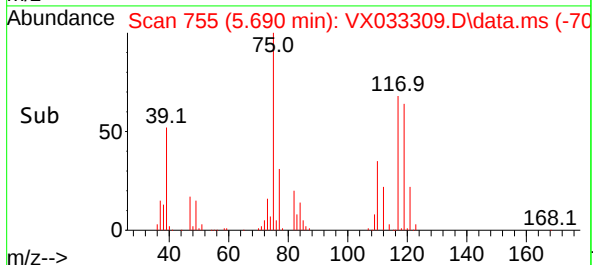
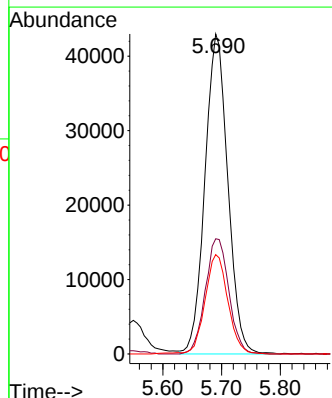
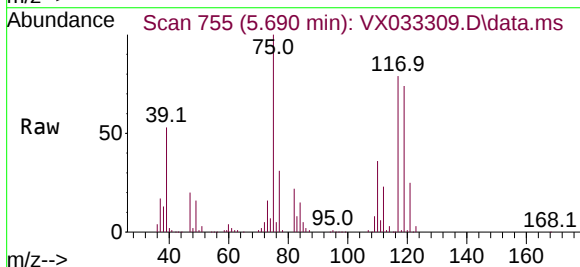
Tgt Ion: 75 Resp: 116379

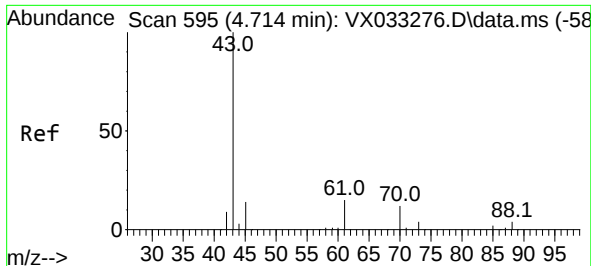
Ion Ratio Lower Upper

75 100

110 37.0 18.4 55.2

77 31.1 24.5 36.7

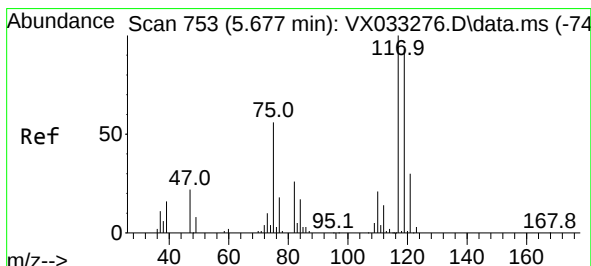
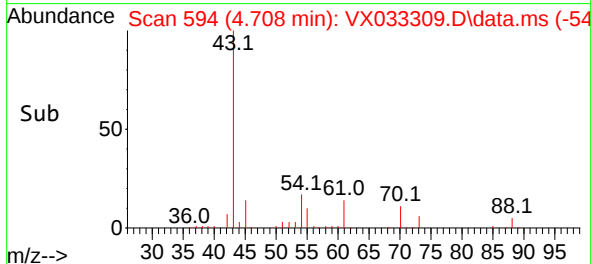
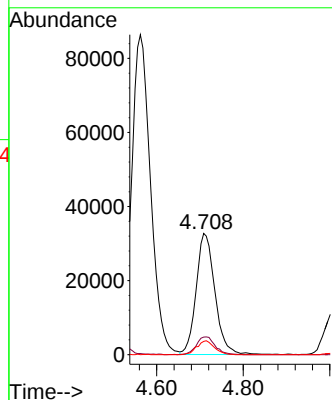
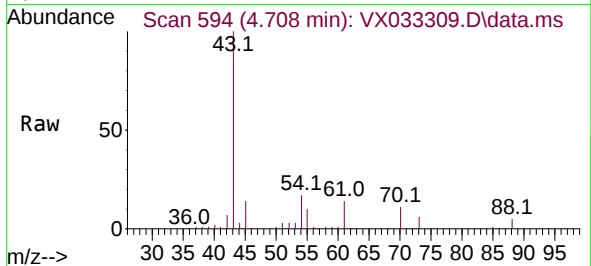




#37
Ethyl Acetate
Concen: 43.682 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

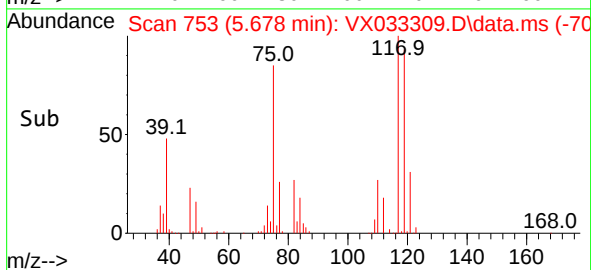
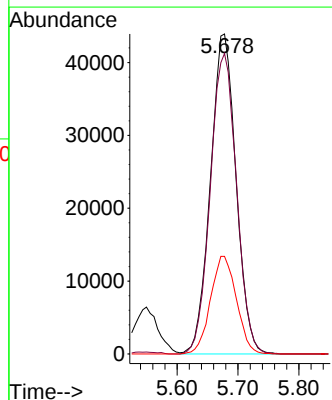
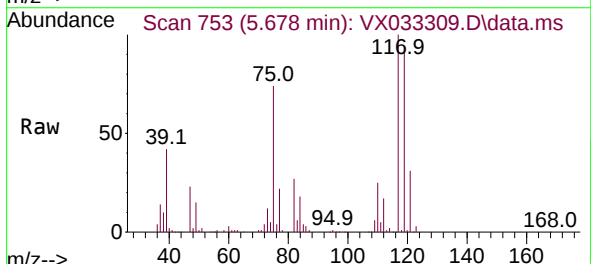
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

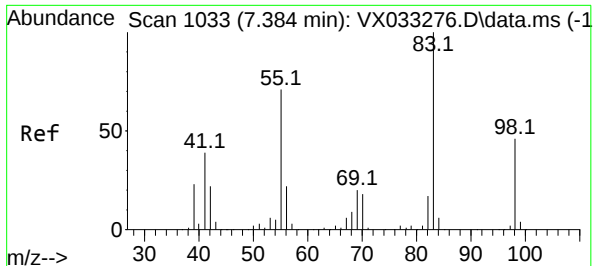
Tgt Ion: 43 Resp: 98202
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 10.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.197 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 117 Resp: 128427
Ion Ratio Lower Upper
117 100
119 93.9 77.2 115.8
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 51.924 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

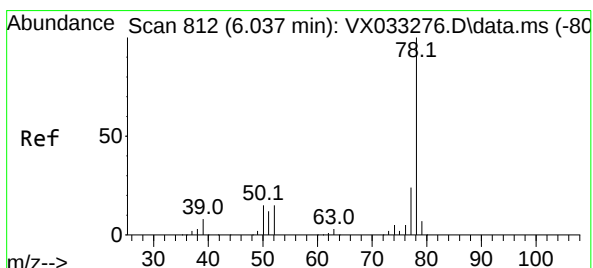
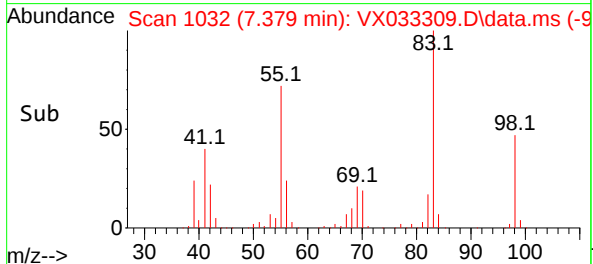
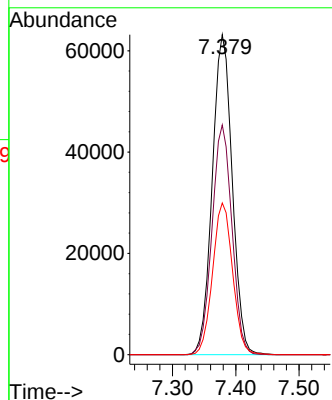
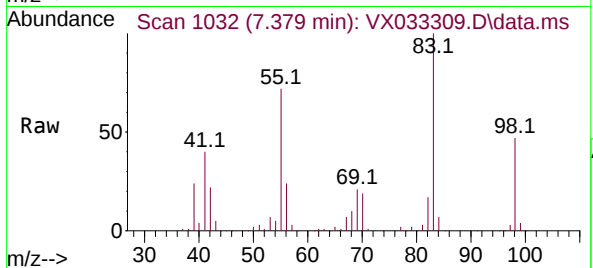
Tgt Ion: 83 Resp: 138222

Ion Ratio Lower Upper

83 100

55 71.8 58.4 87.6

98 47.4 37.2 55.8



#40

Benzene

Concen: 47.472 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033309.D

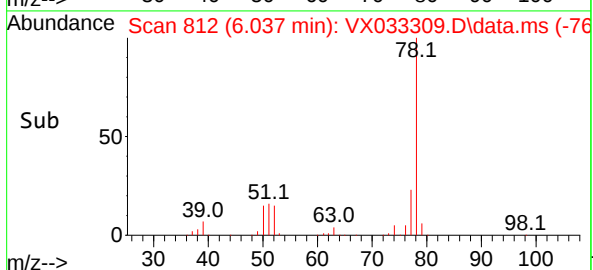
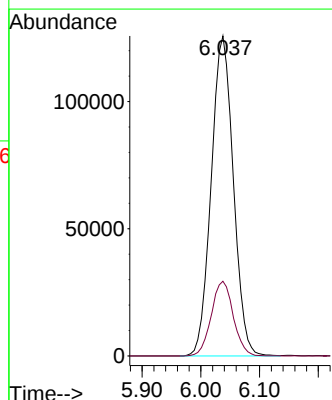
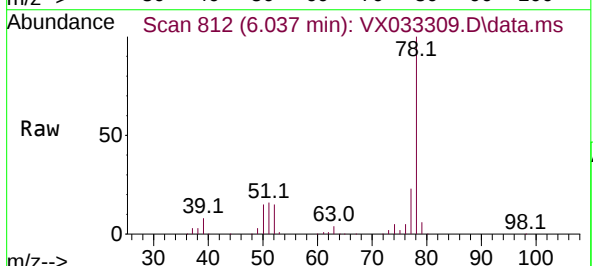
Acq: 08 Dec 2022 09:29

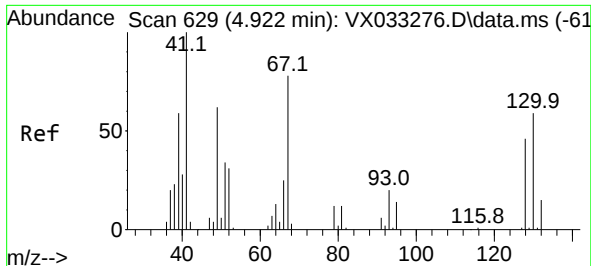
Tgt Ion: 78 Resp: 329183

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

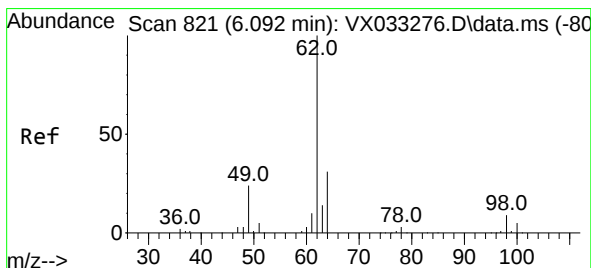
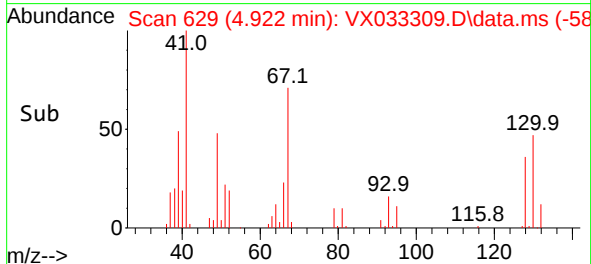
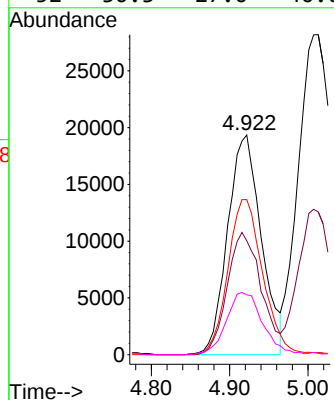
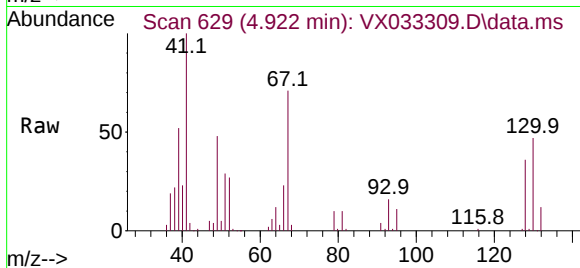




#41
Methacrylonitrile
Concen: 46.780 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

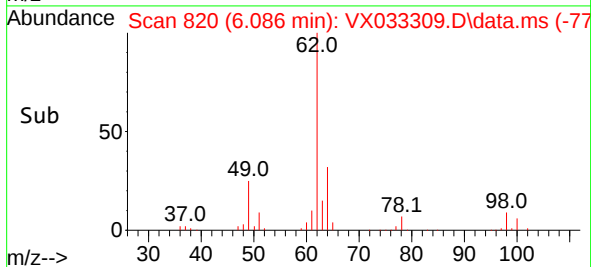
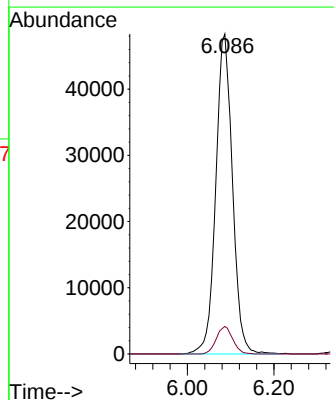
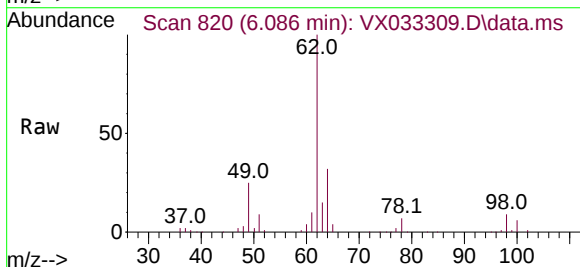
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

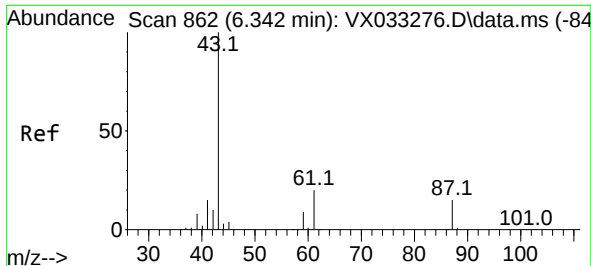
Tgt Ion:	41	Resp:	57952
Ion	Ratio	Lower	Upper
41	100		
39	56.1	47.5	71.3
67	73.1	60.5	90.7
52	30.3	27.0	40.6



#42
1,2-Dichloroethane
Concen: 47.033 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:	62	Resp:	129509
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 45.392 ug/l

RT: 6.336 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

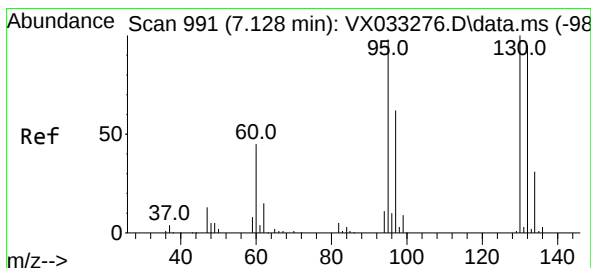
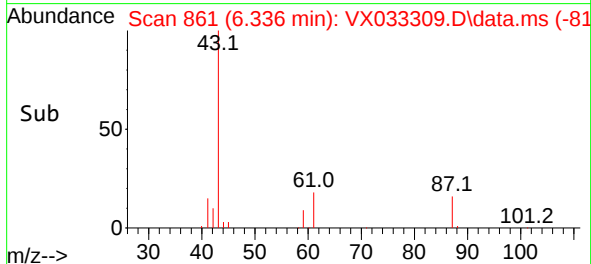
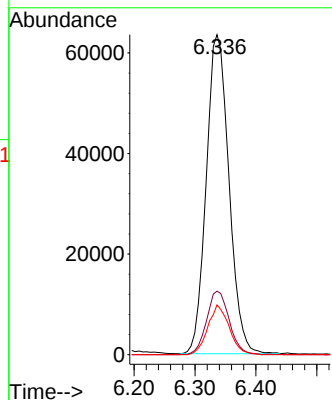
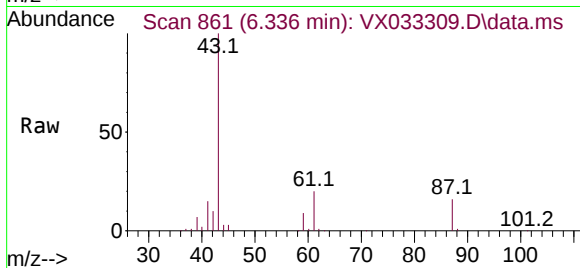
Tgt Ion: 43 Resp: 164193

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 14.7 10.8 16.2



#44

Trichloroethene

Concen: 48.486 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX033309.D

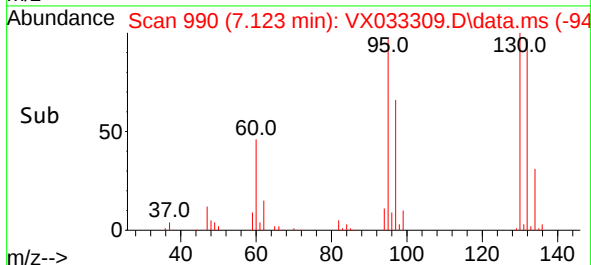
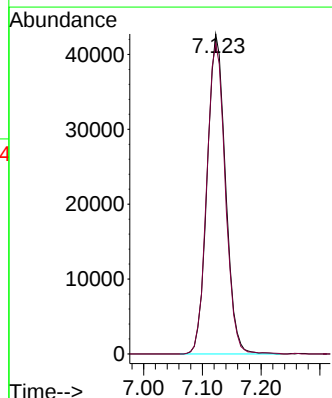
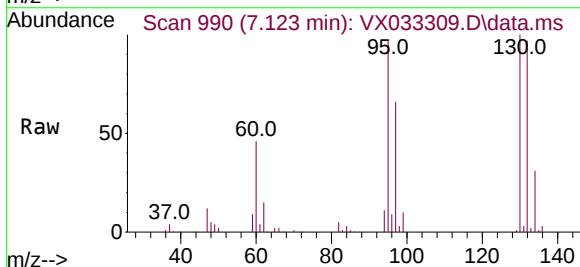
Acq: 08 Dec 2022 09:29

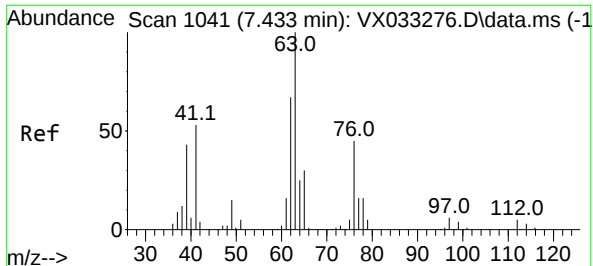
Tgt Ion:130 Resp: 92698

Ion Ratio Lower Upper

130 100

95 96.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 47.225 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

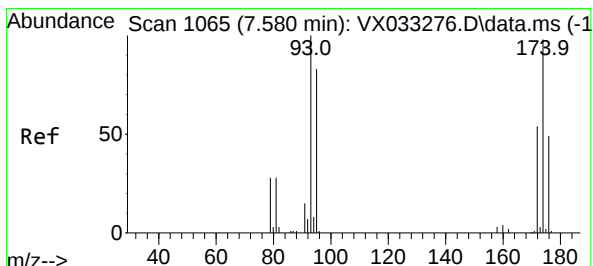
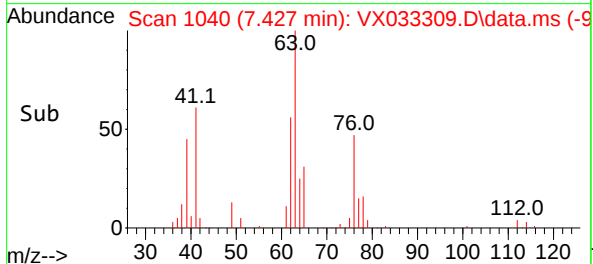
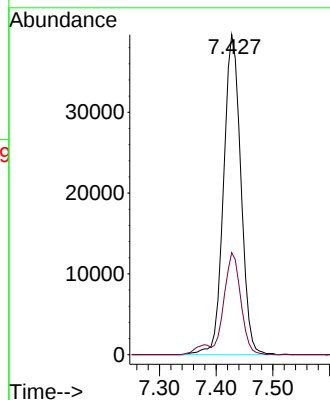
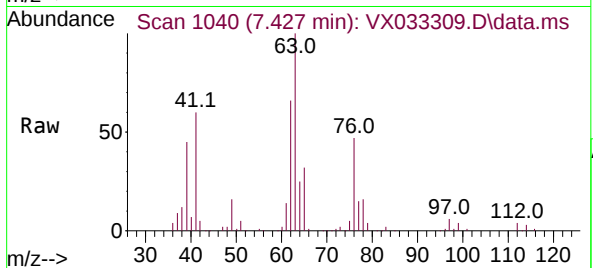
VSTDCCC050

Tgt Ion: 63 Resp: 83747

Ion Ratio Lower Upper

63 100

65 31.9 24.6 36.8



#46

Dibromomethane

Concen: 45.912 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

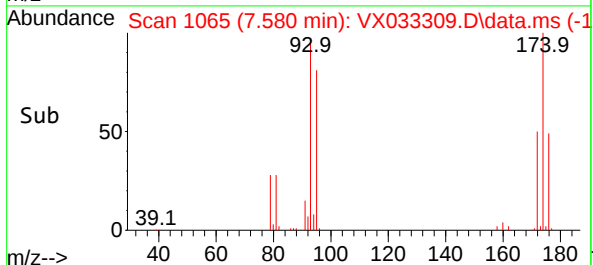
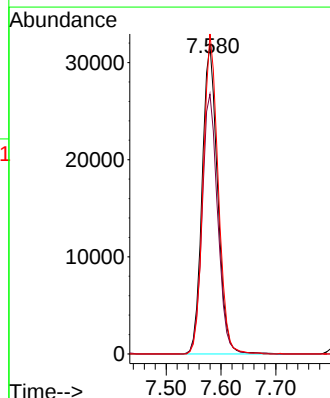
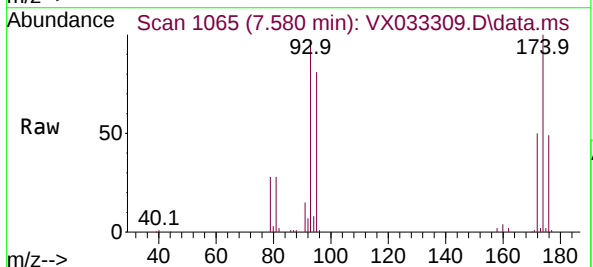
Tgt Ion: 93 Resp: 62024

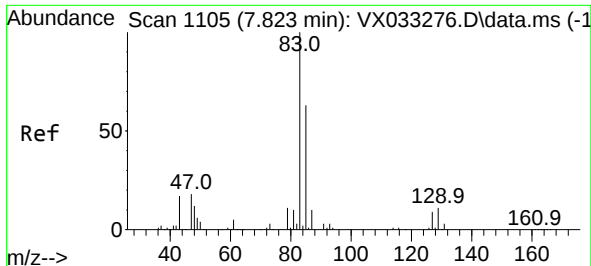
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 100.6 79.8 119.6

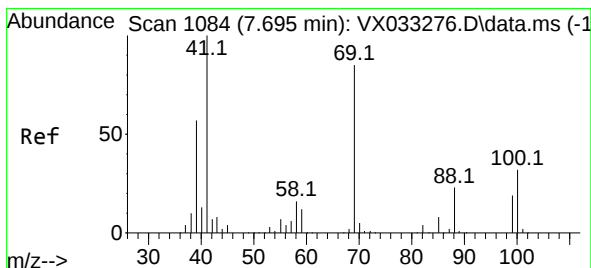
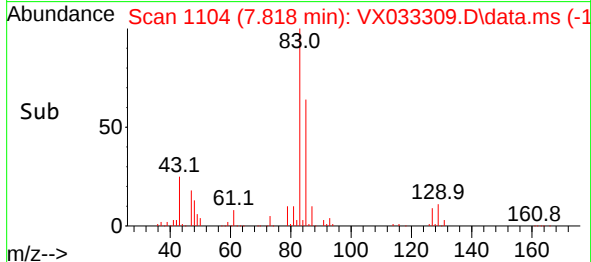
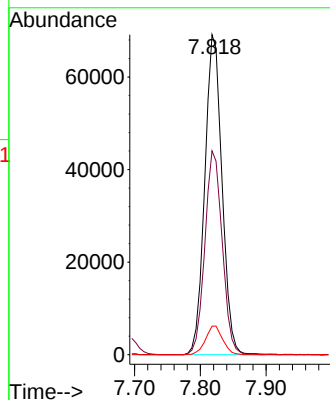
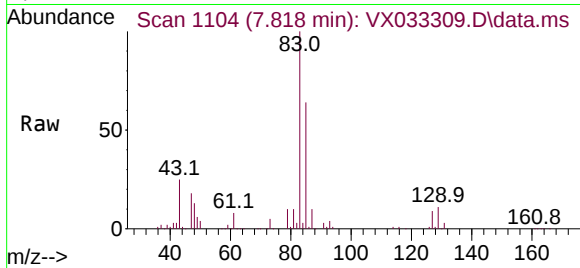




#47
Bromodichloromethane
Concen: 47.892 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

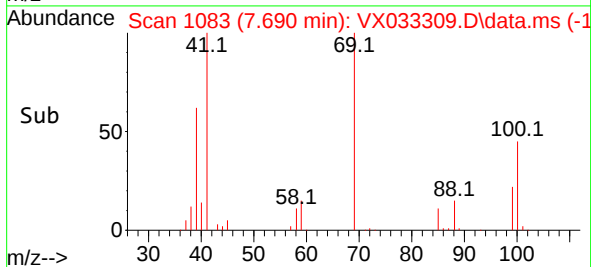
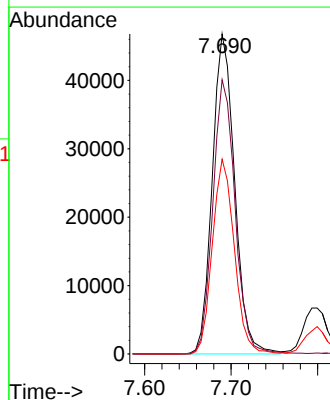
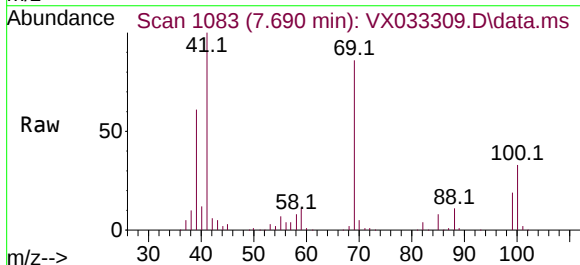
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

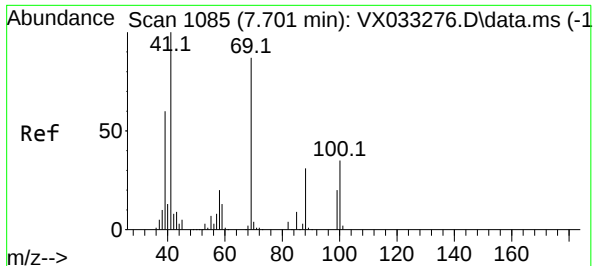
Tgt Ion: 83 Resp: 126117
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4
127 8.9 7.4 11.2



#48
Methyl methacrylate
Concen: 44.975 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 41 Resp: 83962
Ion Ratio Lower Upper
41 100
69 85.4 65.1 97.7
39 59.9 51.9 77.9





#49

1,4-Dioxane

Concen: 882.675 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

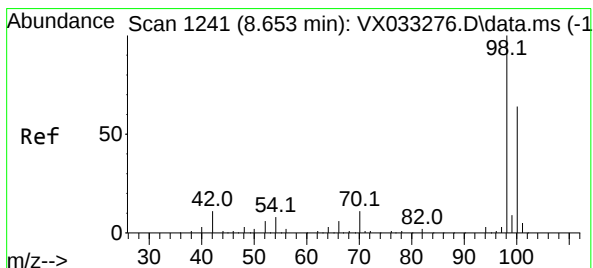
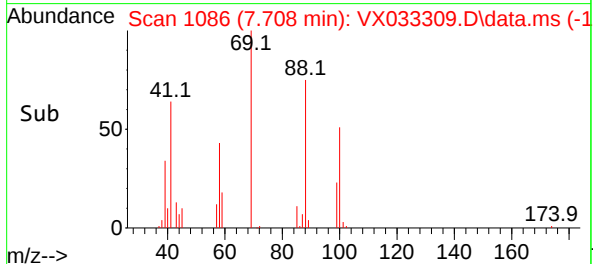
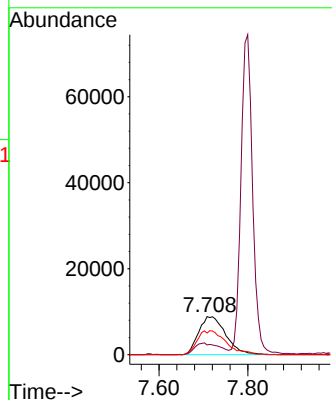
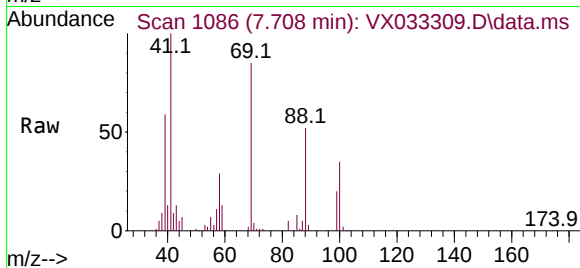
Tgt Ion: 88 Resp: 37576

Ion Ratio Lower Upper

88 100

43 28.2 26.6 39.8

58 25.5 51.7 77.5#



#50

Toluene-d8

Concen: 47.906 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033309.D

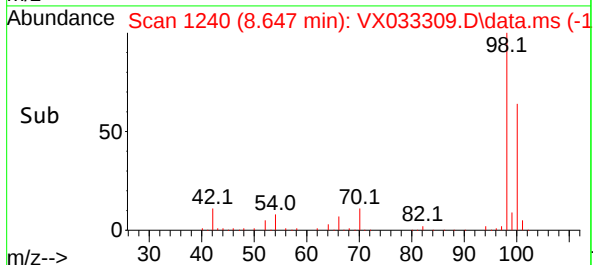
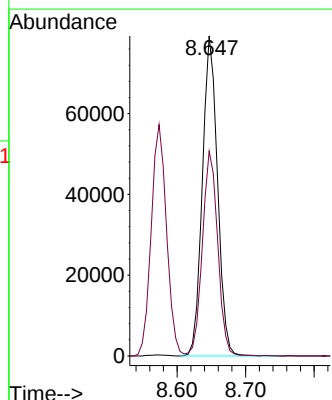
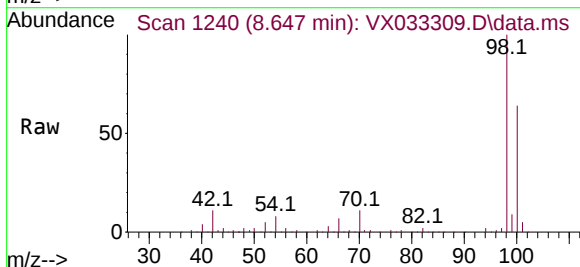
Acq: 08 Dec 2022 09:29

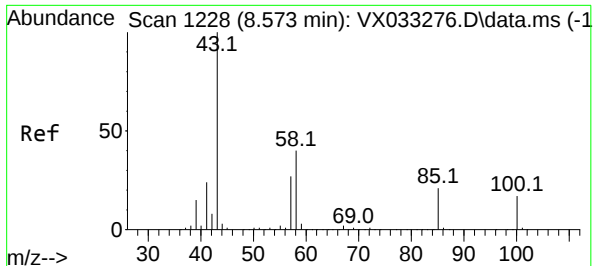
Tgt Ion: 98 Resp: 122248

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 225.789 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

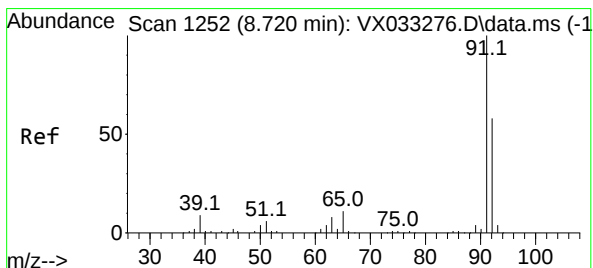
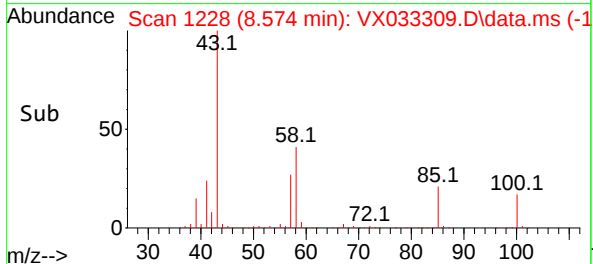
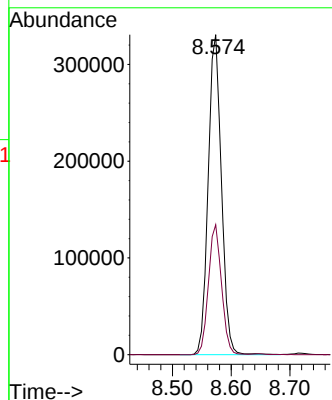
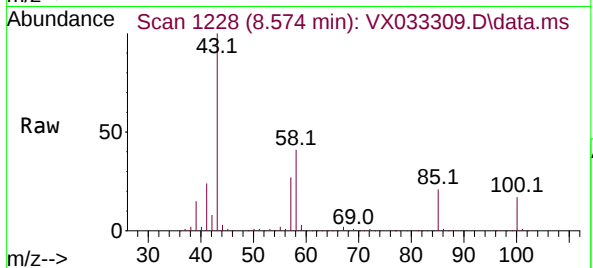
VSTDCCC050

Tgt Ion: 43 Resp: 516492

Ion Ratio Lower Upper

43 100

58 40.3 30.9 46.3



#52

Toluene

Concen: 49.268 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033309.D

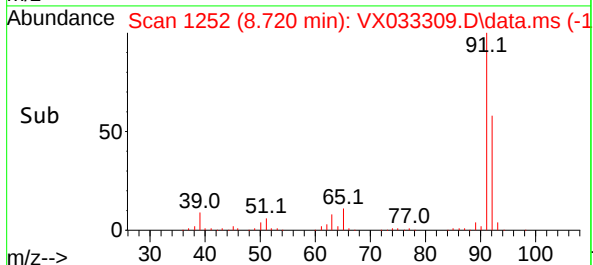
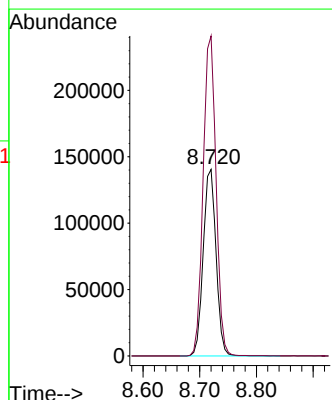
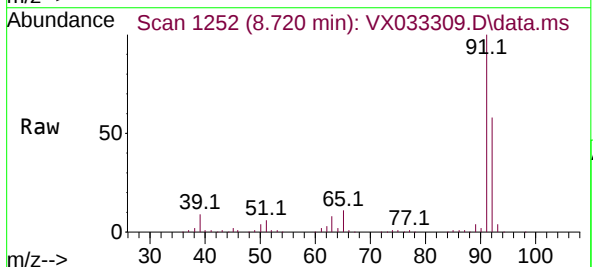
Acq: 08 Dec 2022 09:29

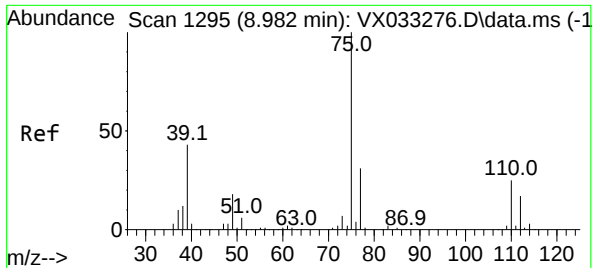
Tgt Ion: 92 Resp: 220884

Ion Ratio Lower Upper

92 100

91 171.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 45.211 ug/l

RT: 8.976 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

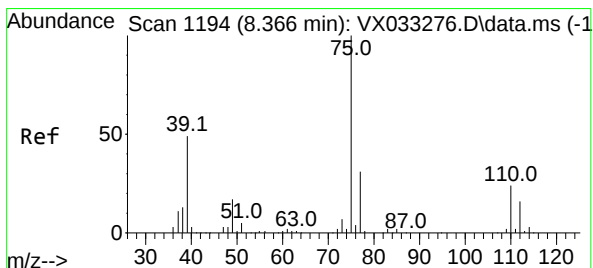
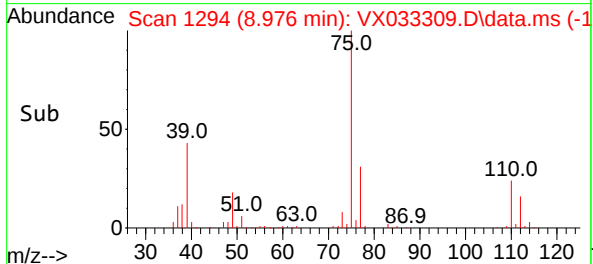
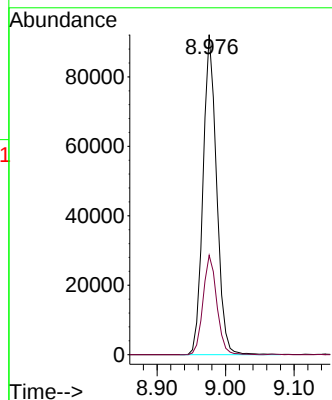
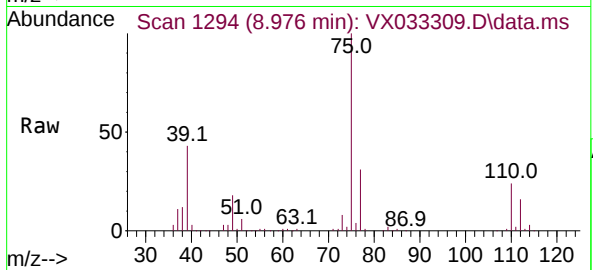
VSTDCCC050

Tgt Ion: 75 Resp: 127185

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.839 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

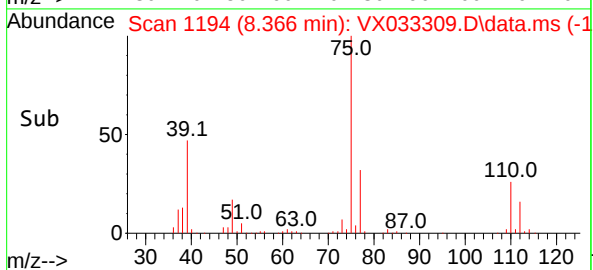
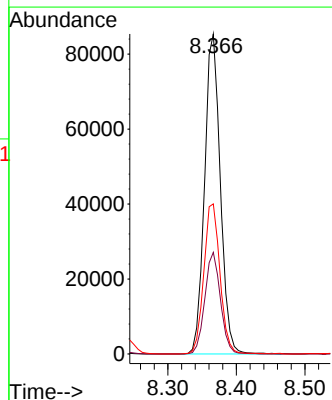
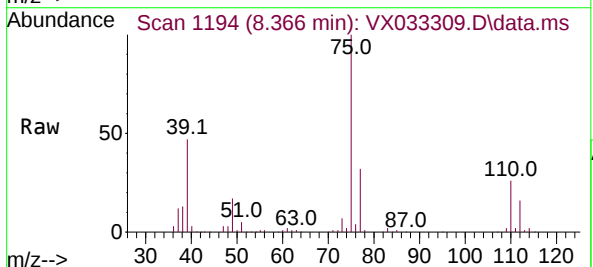
Tgt Ion: 75 Resp: 136857

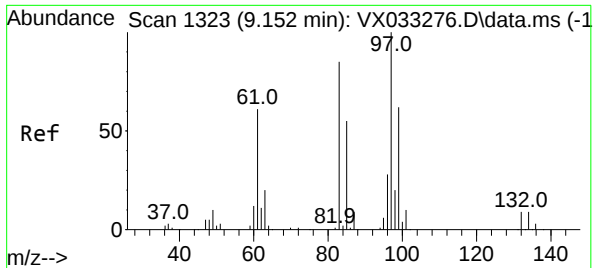
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 46.9 45.5 68.3

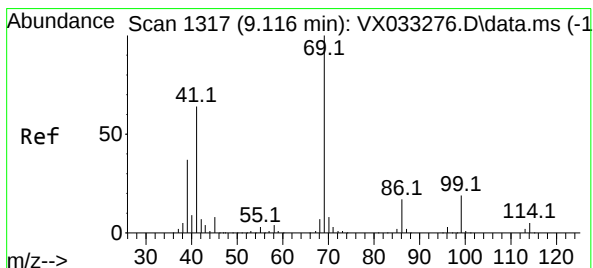
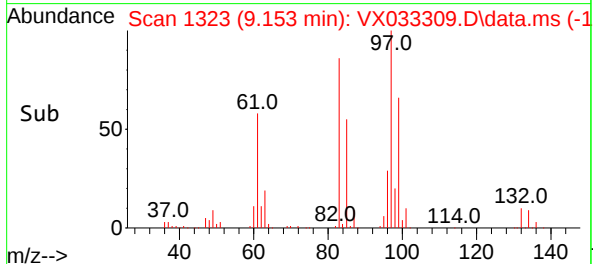
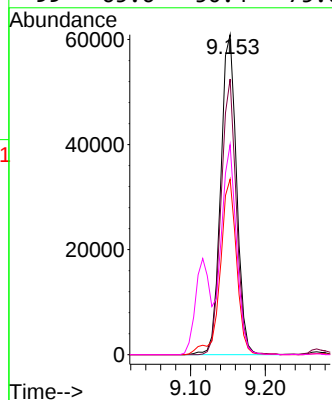
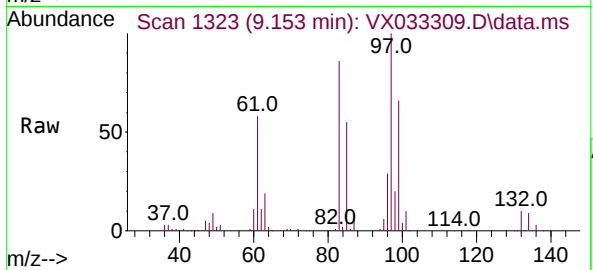




#55
1,1,2-Trichloroethane
Concen: 47.754 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

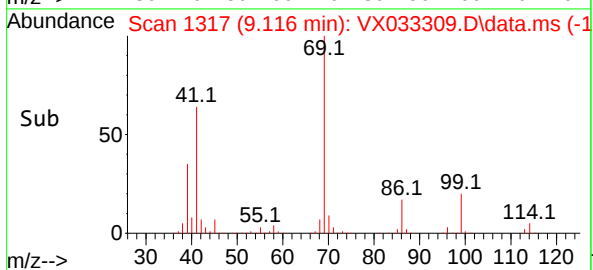
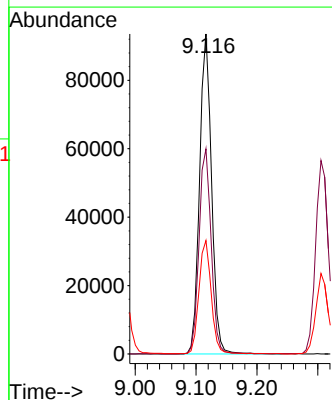
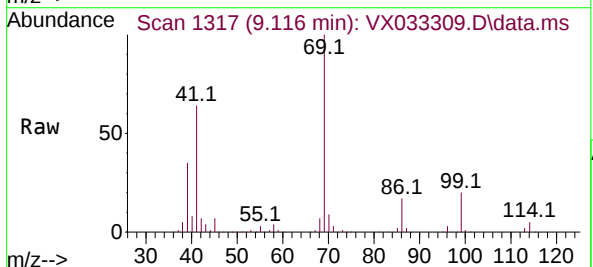
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

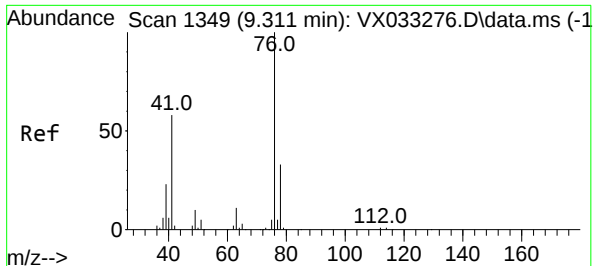
Tgt Ion: 97	Resp: 89998
Ion Ratio	Lower Upper
97 100	
83 86.2	68.1 102.1
85 54.9	43.3 64.9
99 65.6	50.4 75.6



#56
Ethyl methacrylate
Concen: 48.068 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 69	Resp: 127547
Ion Ratio	Lower Upper
69 100	
41 65.1	54.3 81.5
39 36.0	35.2 52.8





#57

1,3-Dichloropropane

Concen: 47.433 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

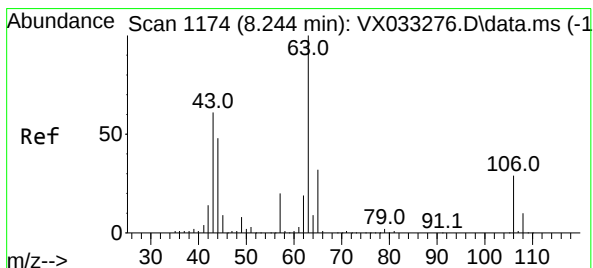
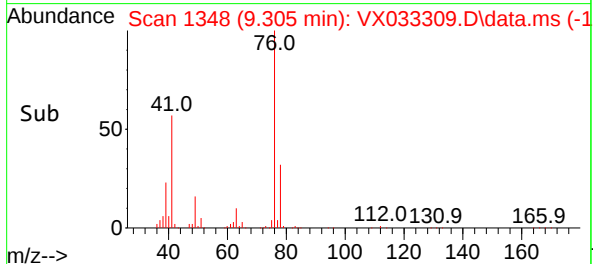
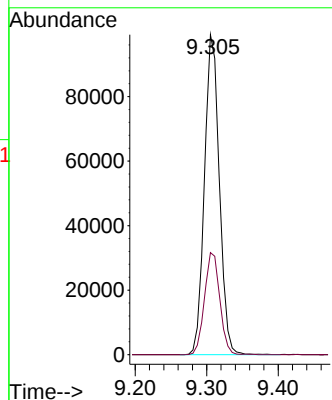
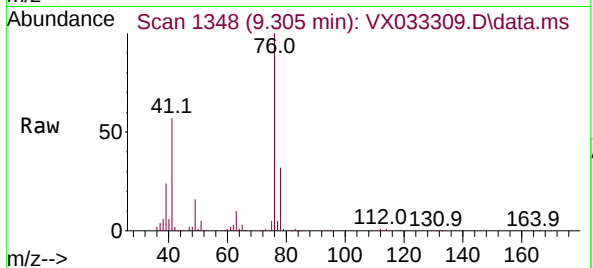
VSTDCCC050

Tgt Ion: 76 Resp: 143604

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 239.001 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033309.D

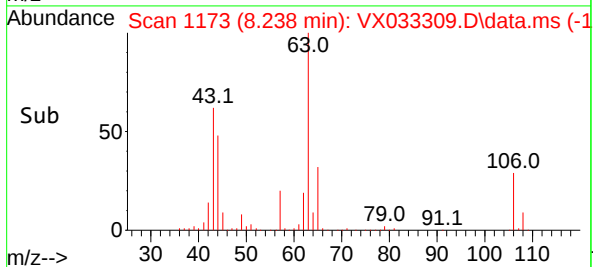
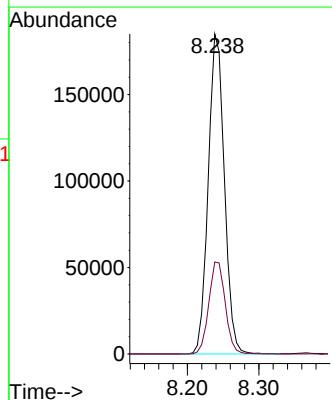
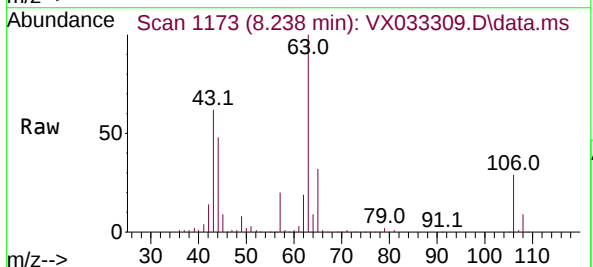
Acq: 08 Dec 2022 09:29

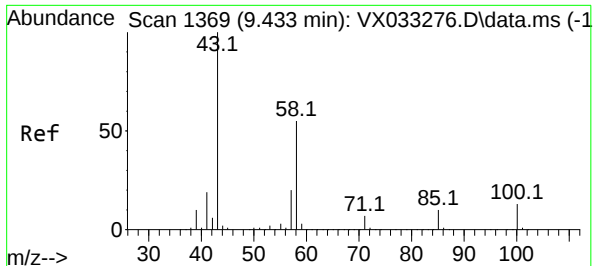
Tgt Ion: 63 Resp: 290176

Ion Ratio Lower Upper

63 100

106 29.3 23.3 34.9

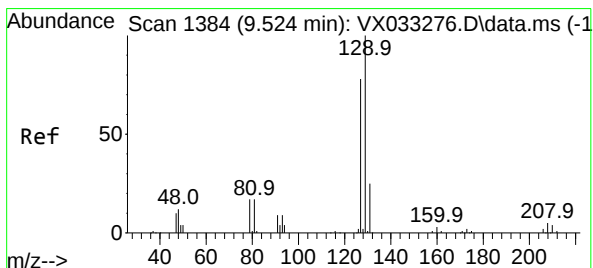
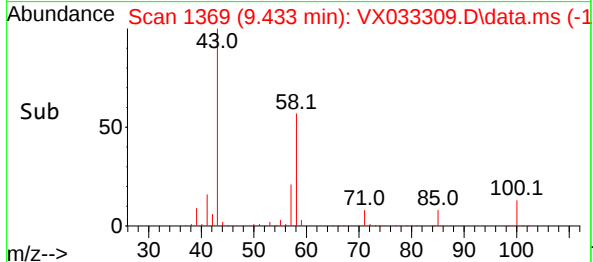
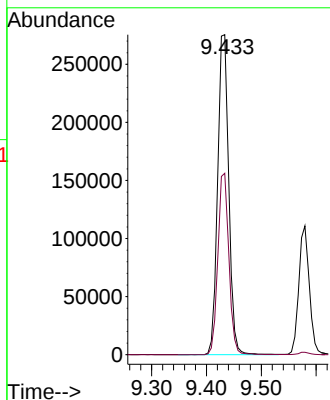
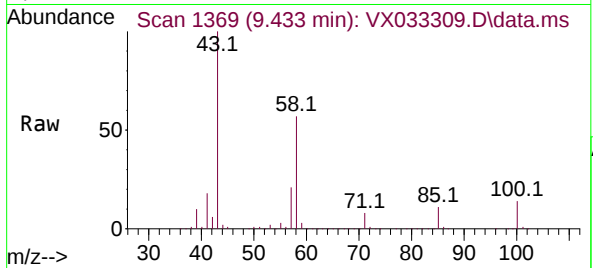




#59
2-Hexanone
Concen: 229.918 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

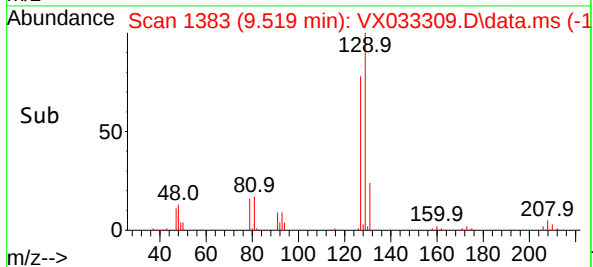
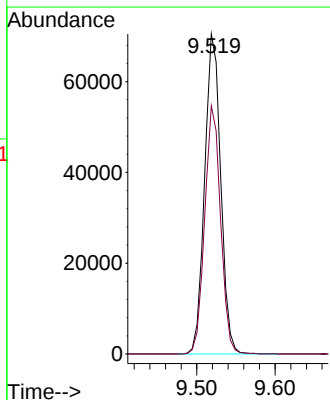
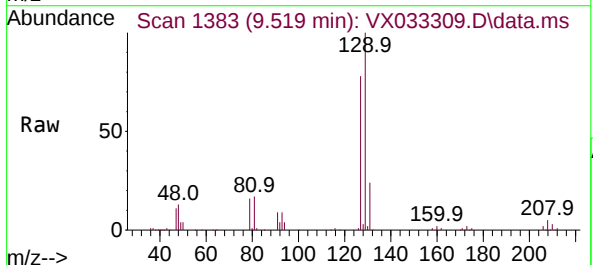
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

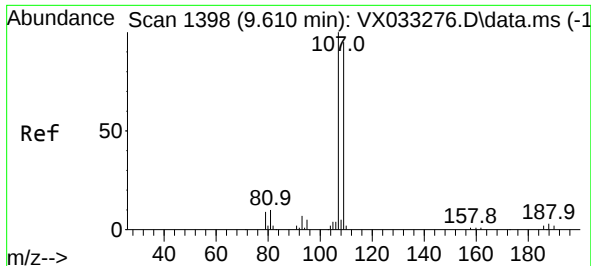
Tgt Ion: 43 Resp: 387579
Ion Ratio Lower Upper
43 100
58 56.2 26.5 79.5



#60
Dibromochloromethane
Concen: 48.227 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 129 Resp: 100139
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

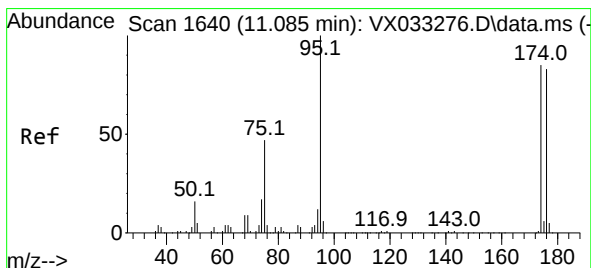
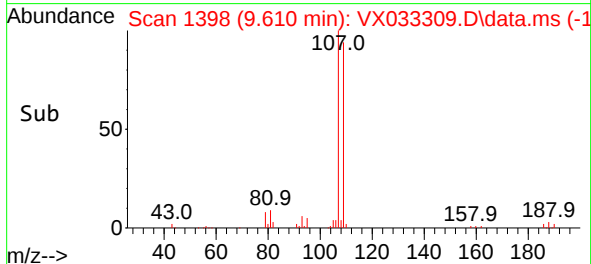
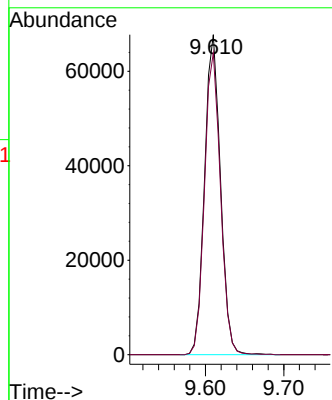
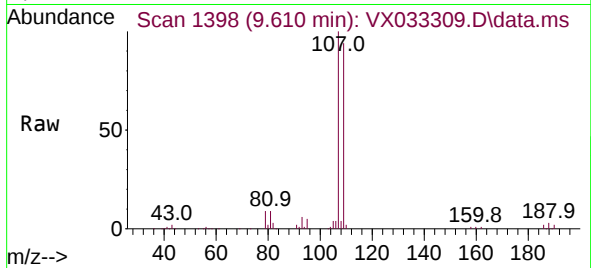




#61
1,2-Dibromoethane
Concen: 47.567 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

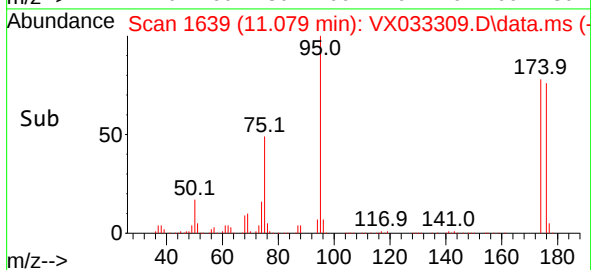
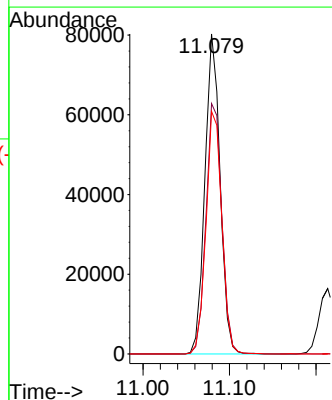
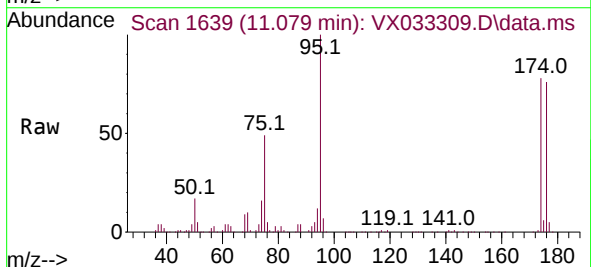
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

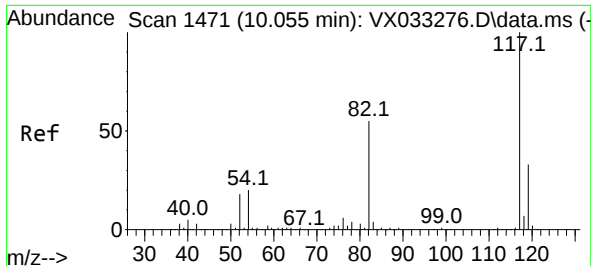
Tgt Ion:107 Resp: 95354
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 49.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 95 Resp: 97549
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.3 0.0 154.4

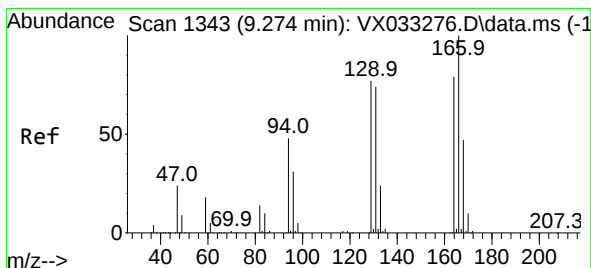
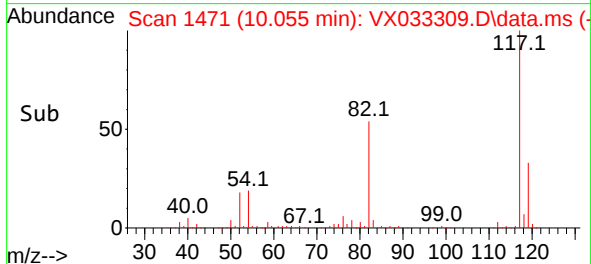
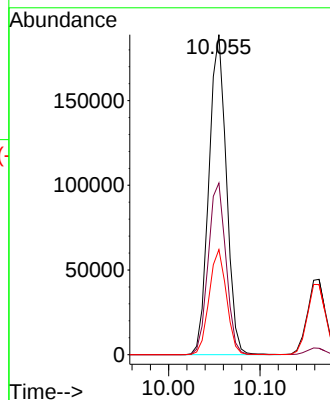
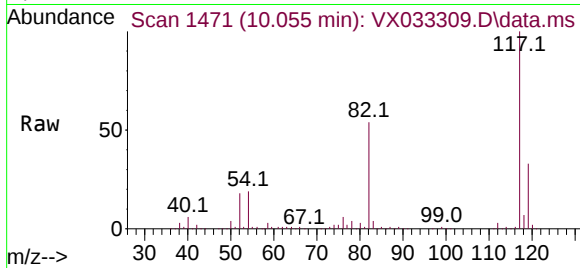




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

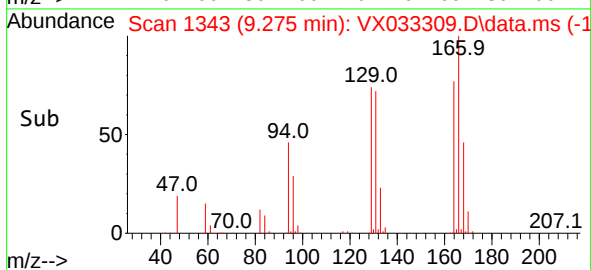
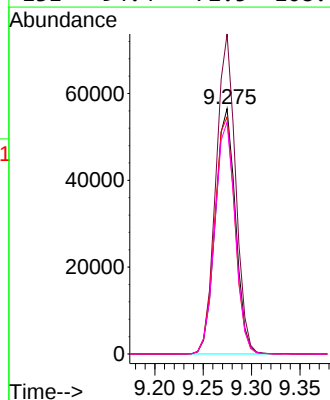
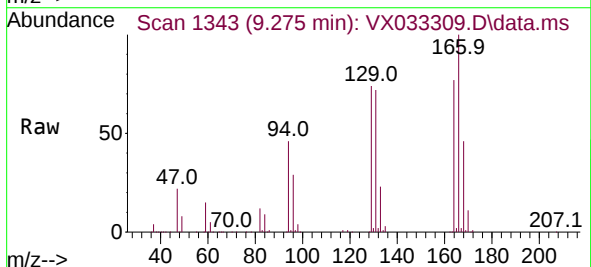
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

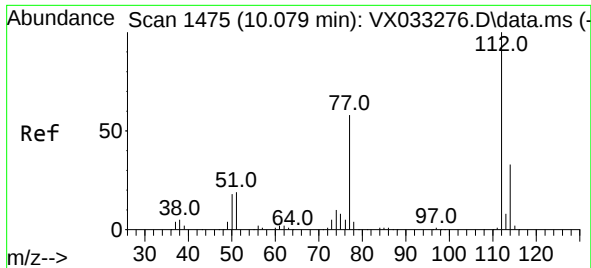
Tgt Ion:117 Resp: 250412
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 47.632 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:164 Resp: 81560
Ion Ratio Lower Upper
164 100
166 130.4 105.4 158.2
129 96.6 78.2 117.2
131 94.4 72.5 108.7

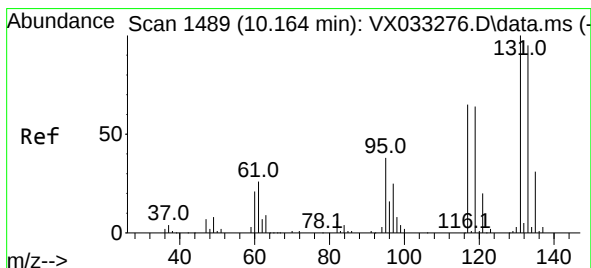
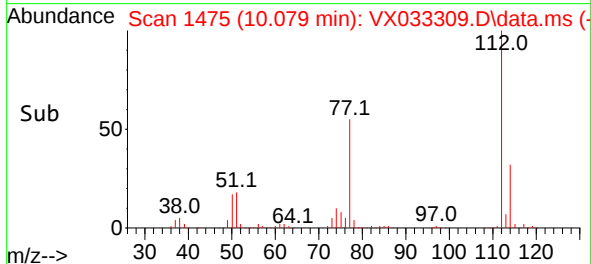
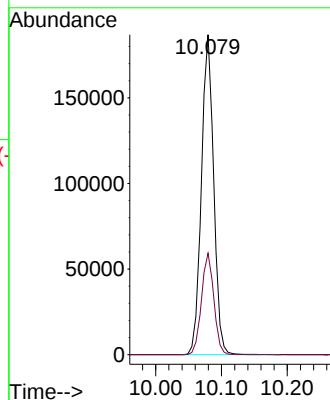
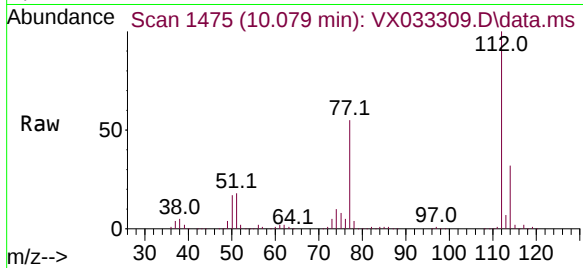




#65
Chlorobenzene
Concen: 47.674 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

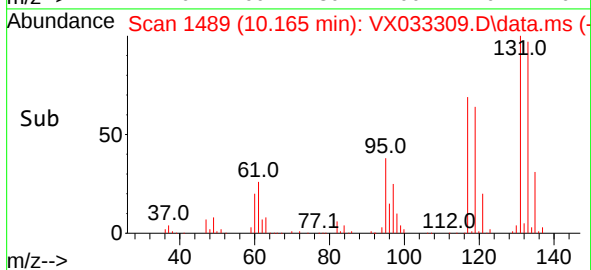
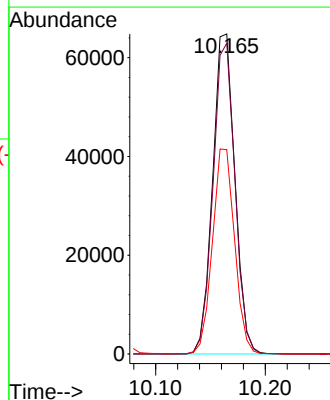
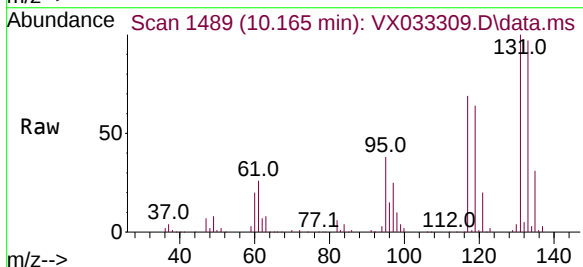
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

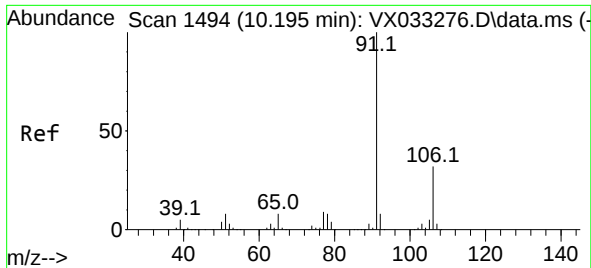
Tgt Ion:112 Resp: 241748
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.741 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:131 Resp: 91486
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 63.9 32.4 97.0

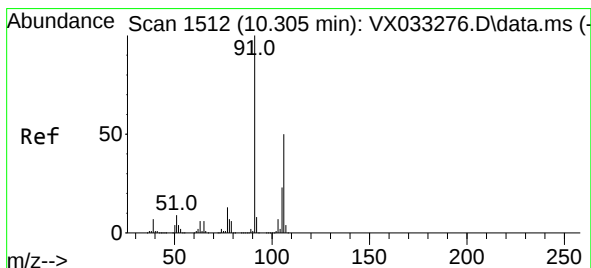
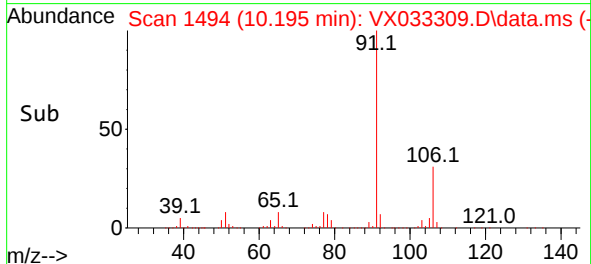
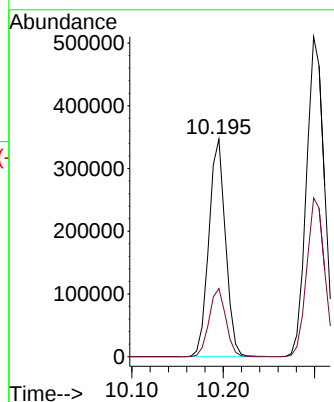
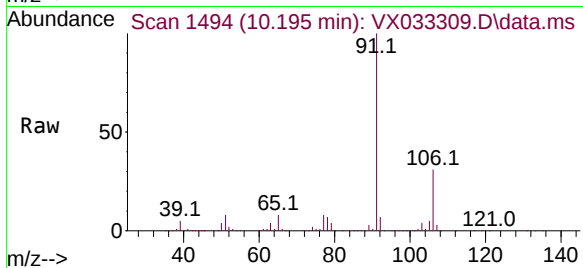




#67
Ethyl Benzene
Concen: 49.535 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

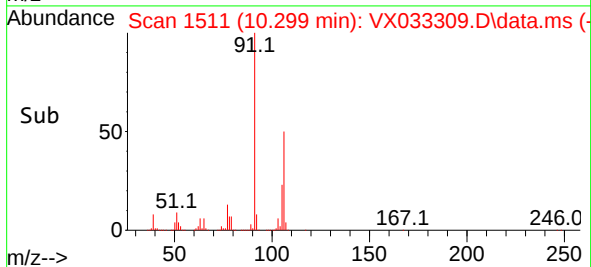
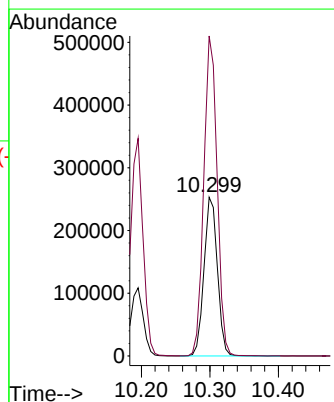
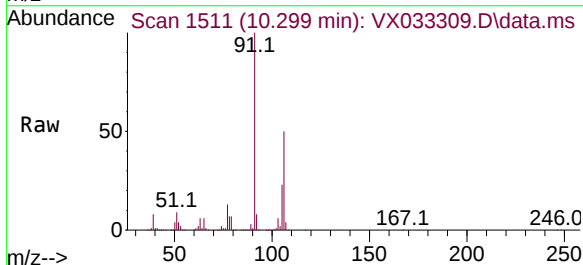
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

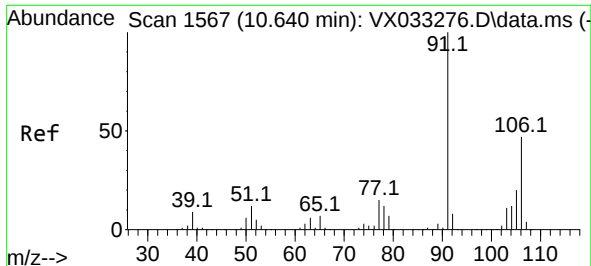
Tgt Ion: 91 Resp: 437602
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 100.164 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 106 Resp: 344275
Ion Ratio Lower Upper
106 100
91 200.9 164.5 246.7

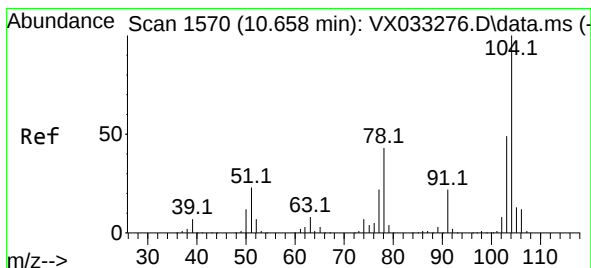
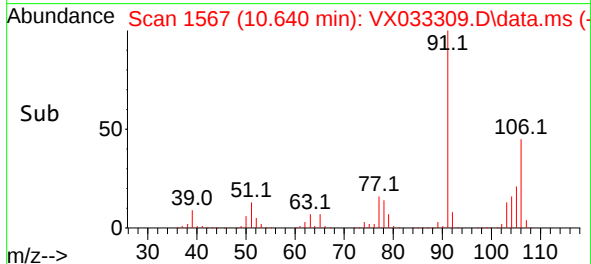
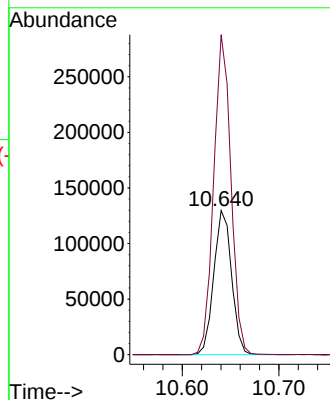
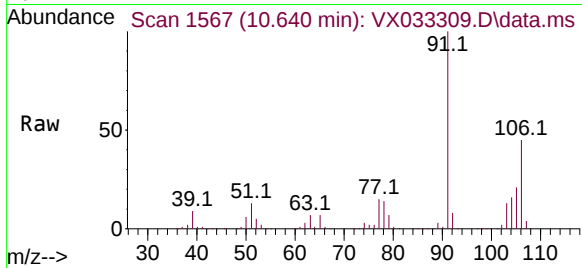




#69
o-Xylene
Concen: 48.799 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

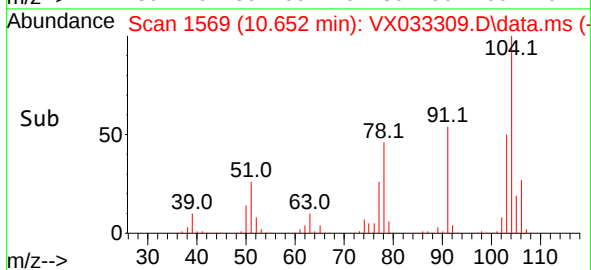
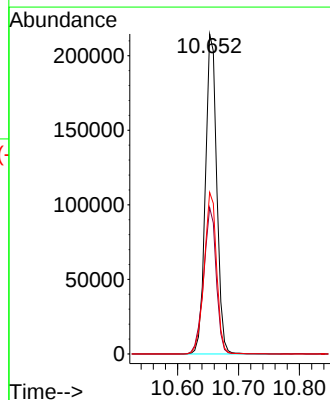
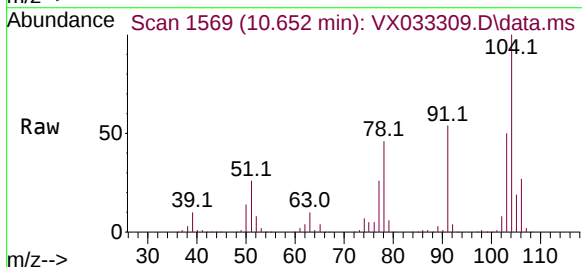
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

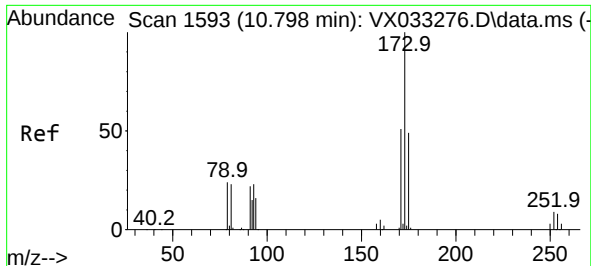
Tgt Ion:106 Resp: 165789
Ion Ratio Lower Upper
106 100
91 215.2 109.2 327.6



#70
Styrene
Concen: 50.167 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:104 Resp: 279138
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 55.0 44.5 66.7

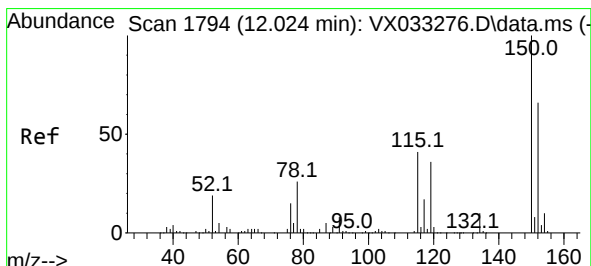
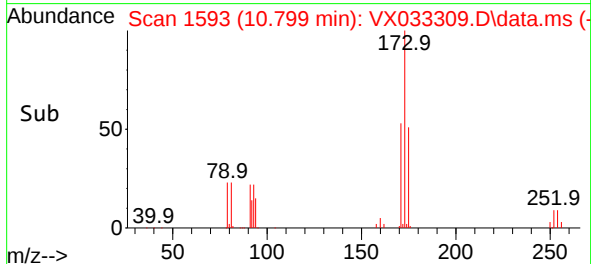
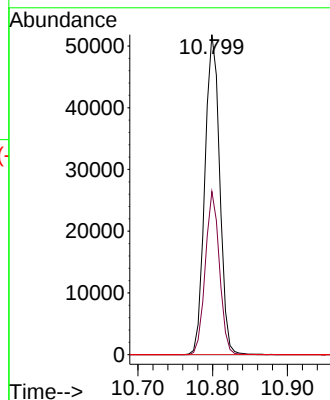
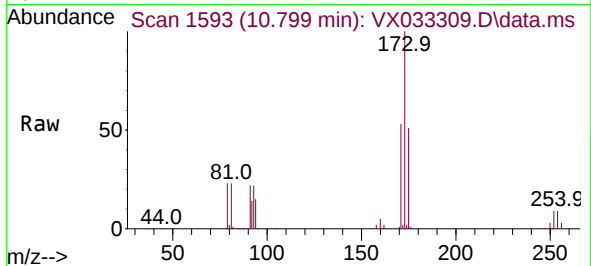




#71
Bromoform
Concen: 47.026 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

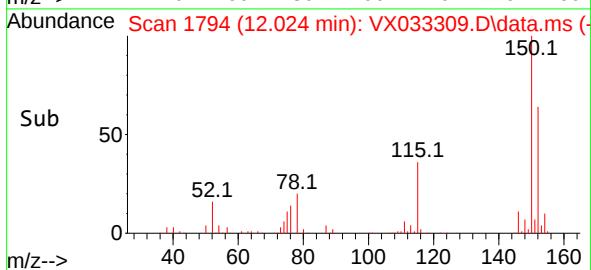
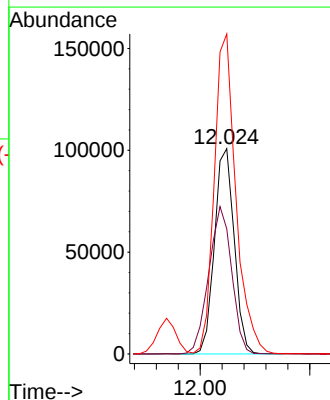
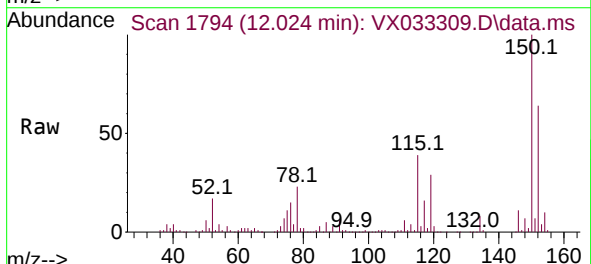
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

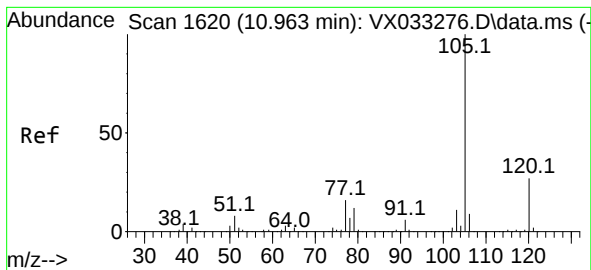
Tgt Ion:173 Resp: 71331
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:152 Resp: 126156
Ion Ratio Lower Upper
152 100
115 83.3 44.0 132.0
150 171.1 0.0 351.8





#73

Isopropylbenzene

Concen: 48.381 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

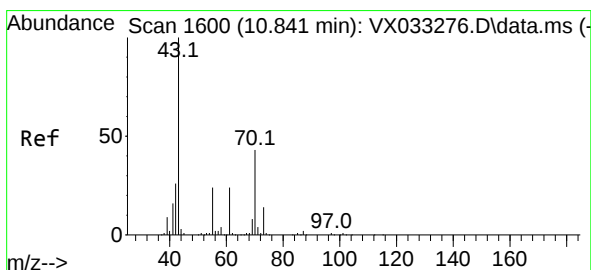
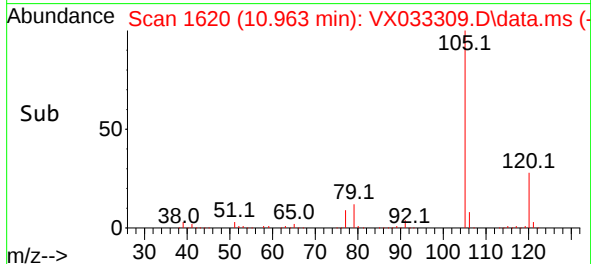
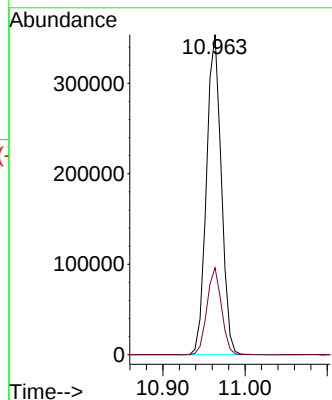
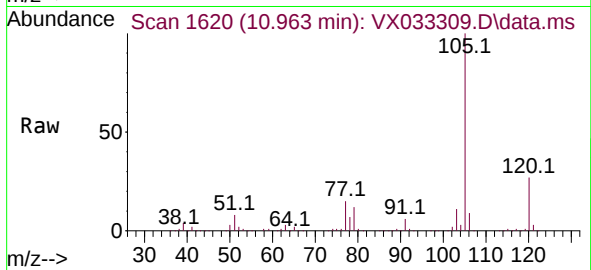
VSTDCCC050

Tgt Ion:105 Resp: 442394

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 47.142 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Tgt Ion: 43 Resp: 147071

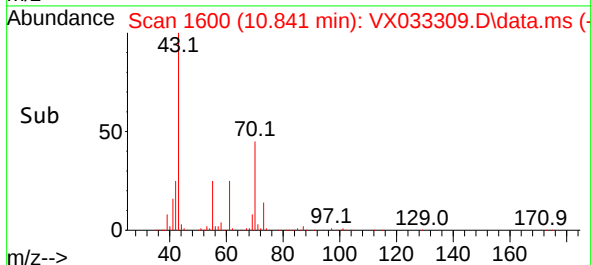
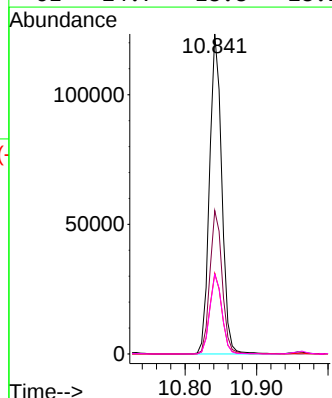
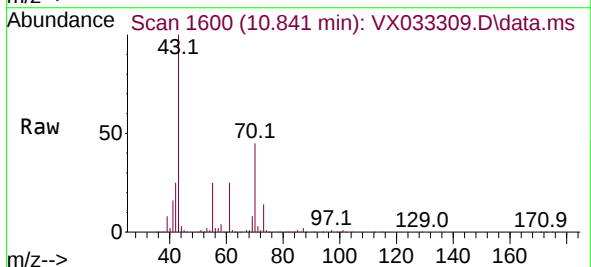
Ion Ratio Lower Upper

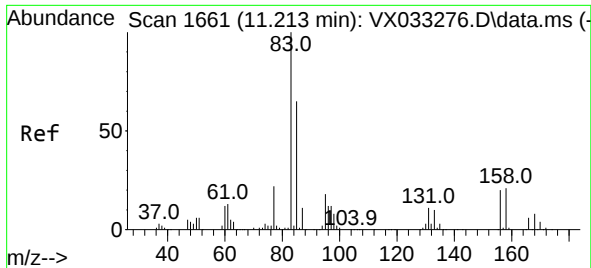
43 100

70 44.9 33.6 50.4

55 25.0 19.4 29.2

61 24.7 18.8 28.2

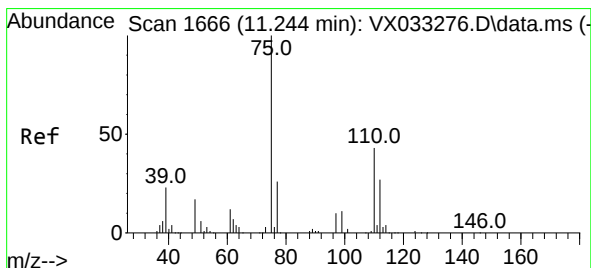
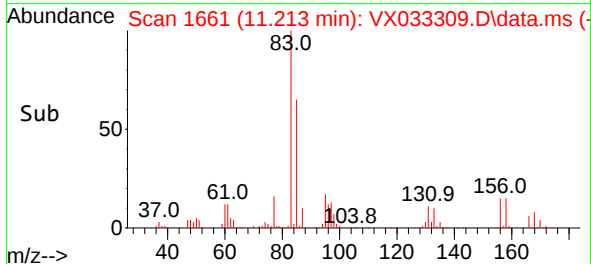
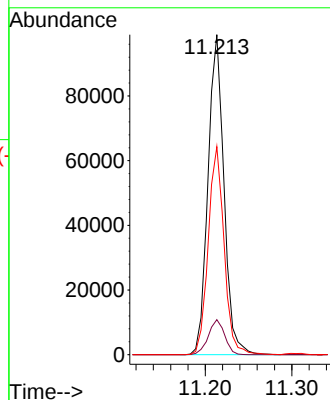
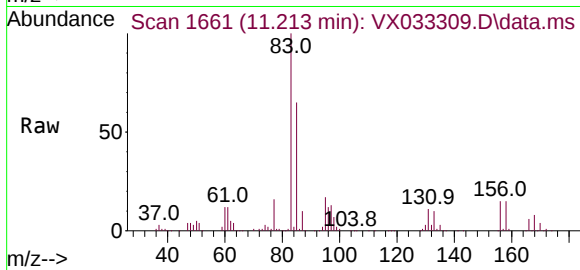




#75
1,1,2,2-Tetrachloroethane
Concen: 43.732 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

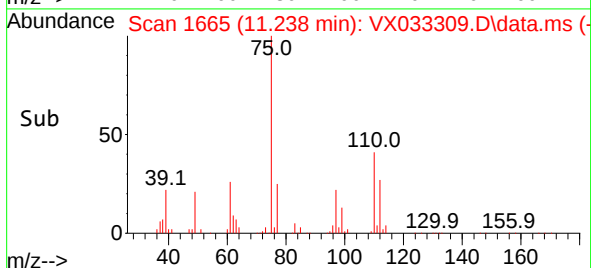
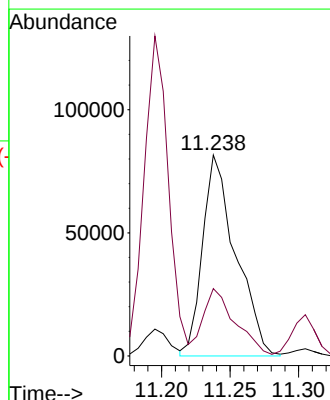
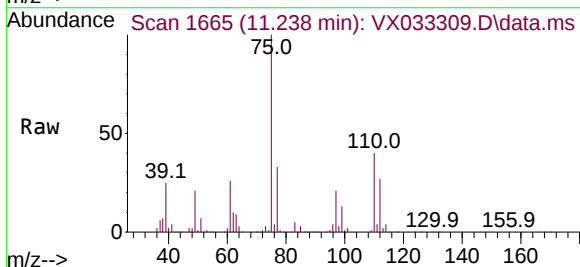
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

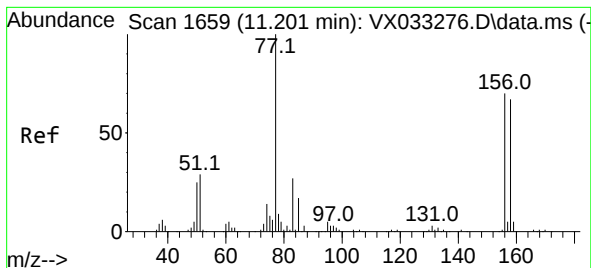
Tgt Ion: 83 Resp: 126859
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 53.532 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 75 Resp: 137399
Ion Ratio Lower Upper
75 100
77 32.7 20.0 60.0





#77

Bromobenzene

Concen: 46.171 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

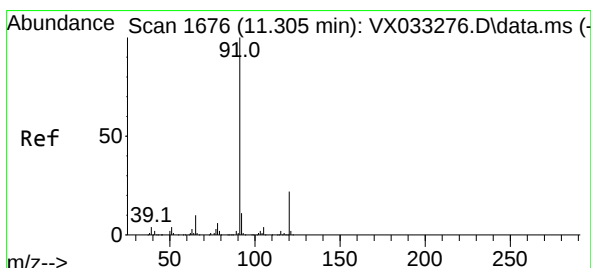
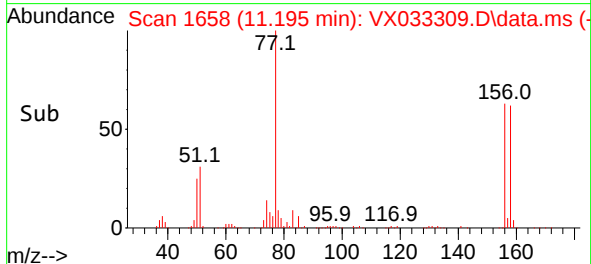
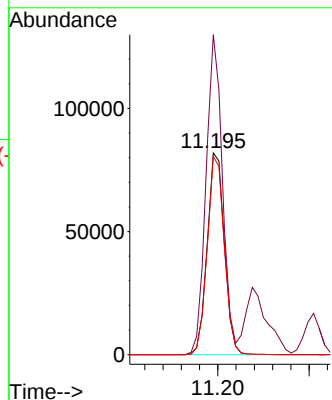
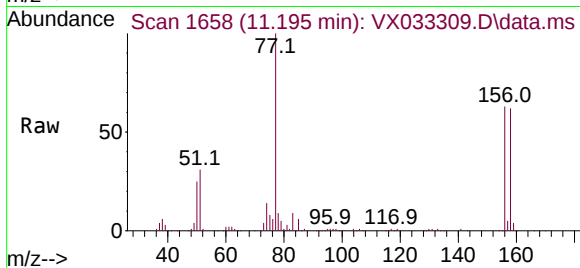
Tgt Ion:156 Resp: 106610

Ion Ratio Lower Upper

156 100

77 151.2 76.1 228.4

158 97.6 48.8 146.3



#78

n-propylbenzene

Concen: 49.974 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX033309.D

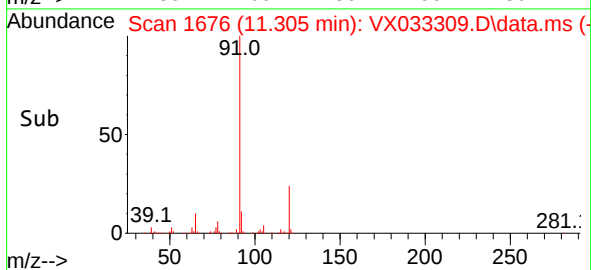
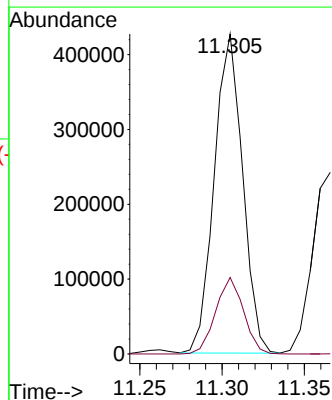
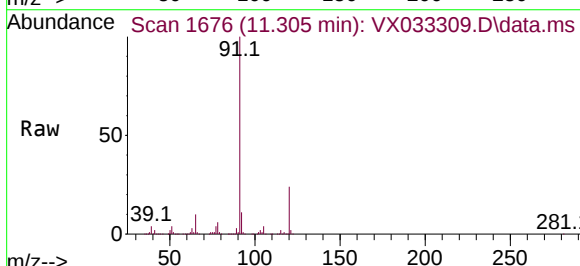
Acq: 08 Dec 2022 09:29

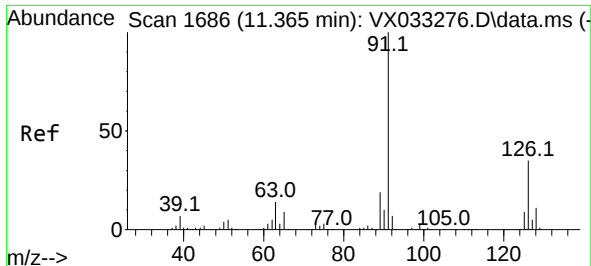
Tgt Ion: 91 Resp: 510235

Ion Ratio Lower Upper

91 100

120 23.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 47.800 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

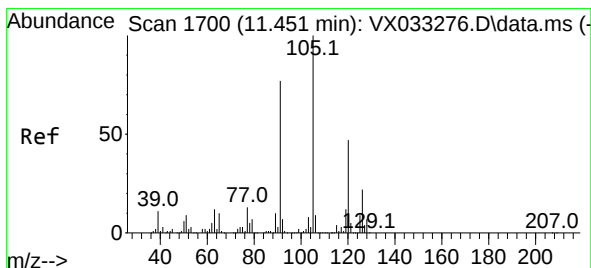
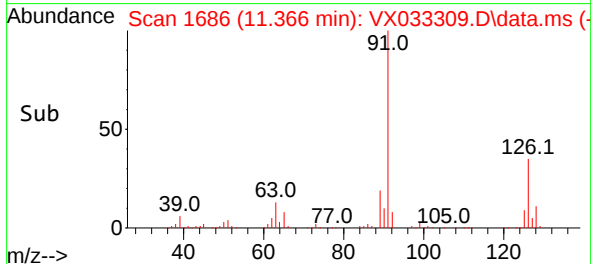
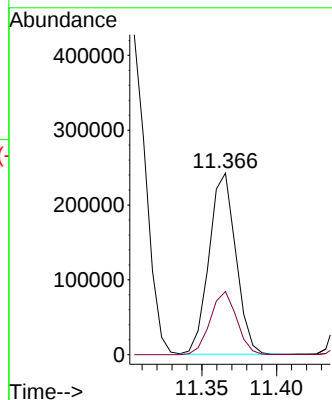
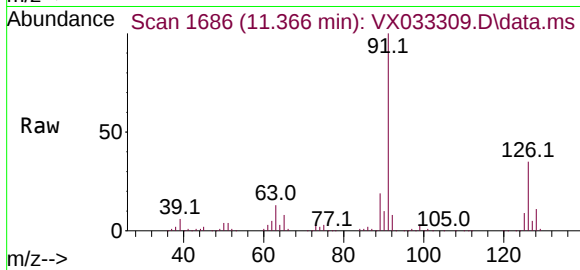
VSTDCCC050

Tgt Ion: 91 Resp: 301610

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 48.825 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033309.D

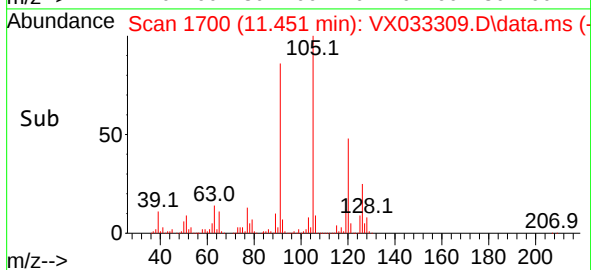
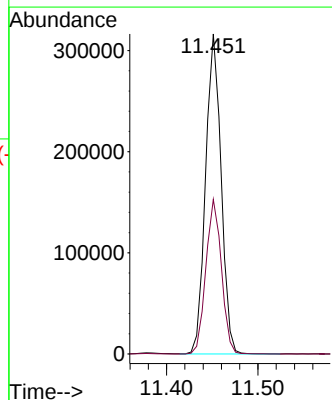
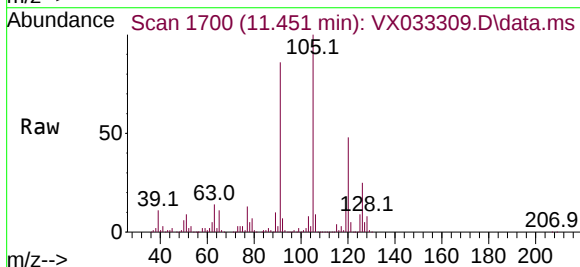
Acq: 08 Dec 2022 09:29

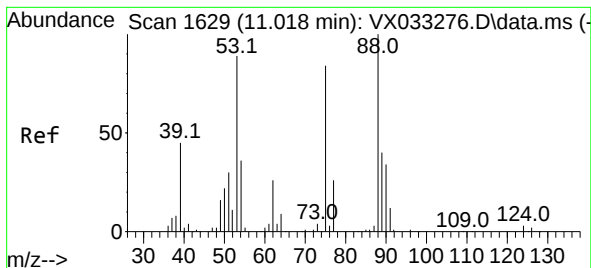
Tgt Ion: 105 Resp: 371632

Ion Ratio Lower Upper

105 100

120 48.4 23.6 71.0

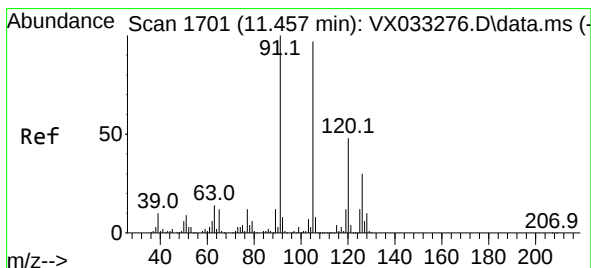
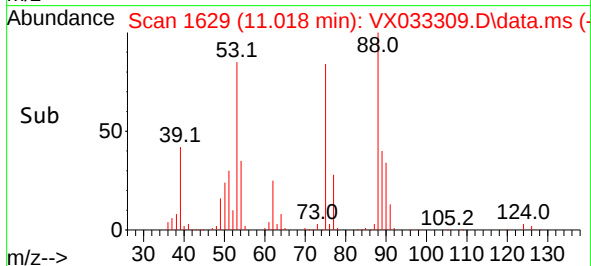
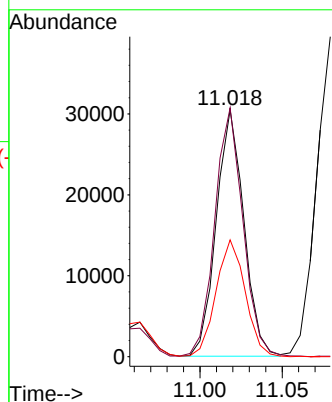
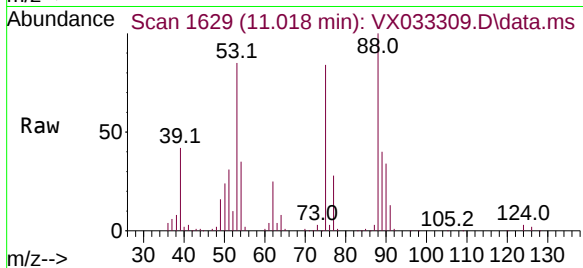




#81
trans-1,4-Dichloro-2-butene
Concen: 43.118 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

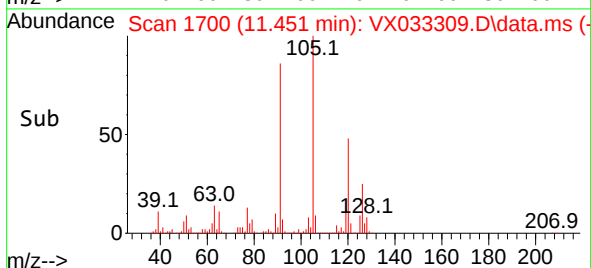
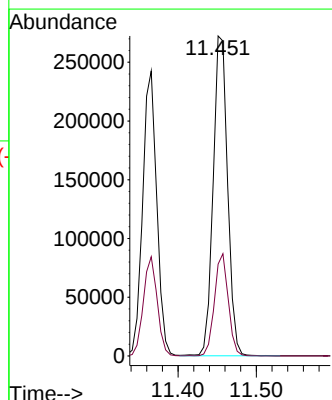
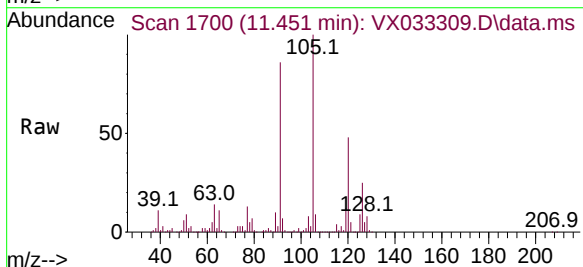
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

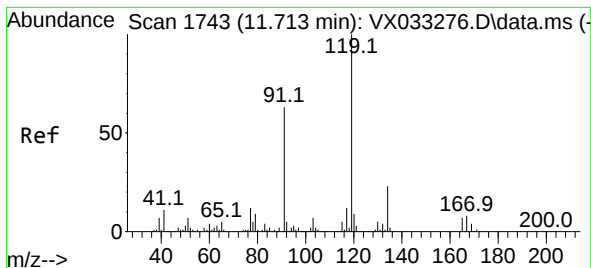
Tgt Ion: 75 Resp: 35577
Ion Ratio Lower Upper
75 100
53 103.2 86.9 130.3
89 50.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 47.528 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 91 Resp: 348717
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83

tert-Butylbenzene

Concen: 47.992 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

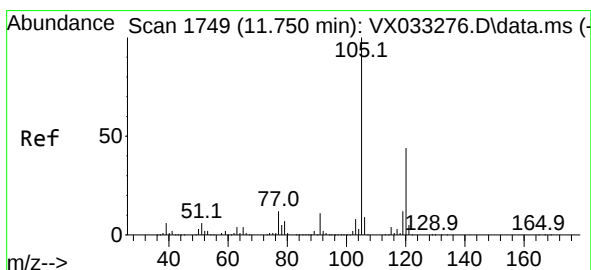
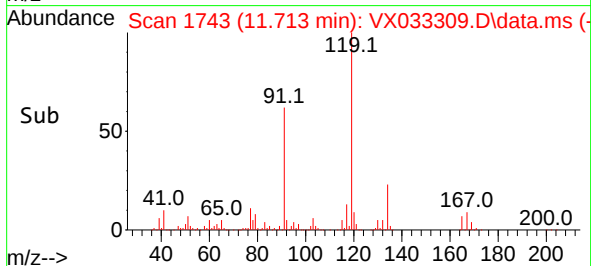
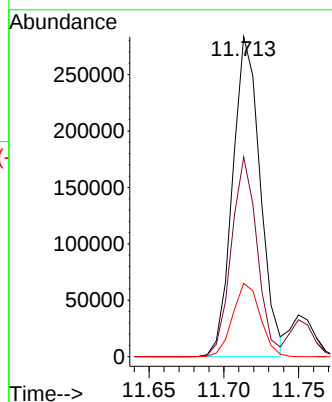
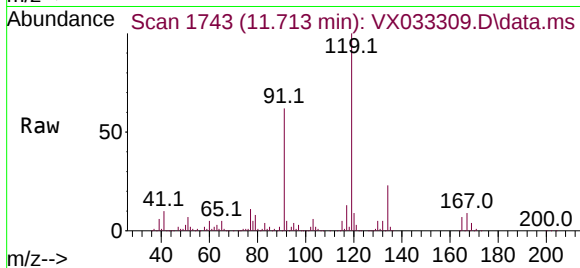
Tgt Ion:119 Resp: 364266

Ion Ratio Lower Upper

119 100

91 58.4 29.4 88.2

134 22.9 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 48.606 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033309.D

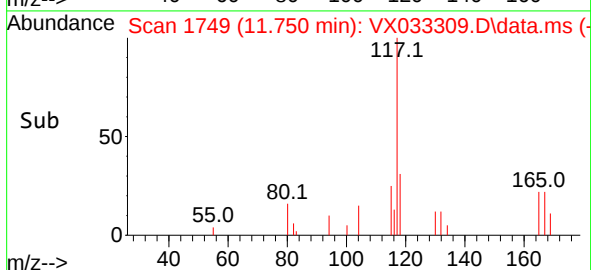
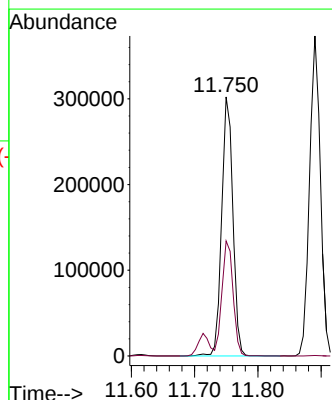
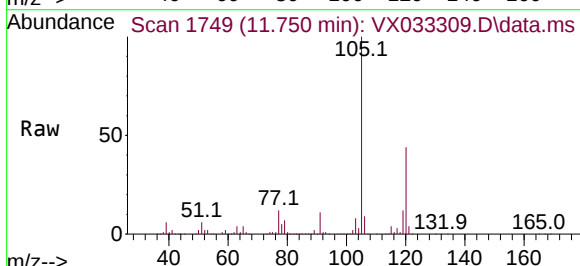
Acq: 08 Dec 2022 09:29

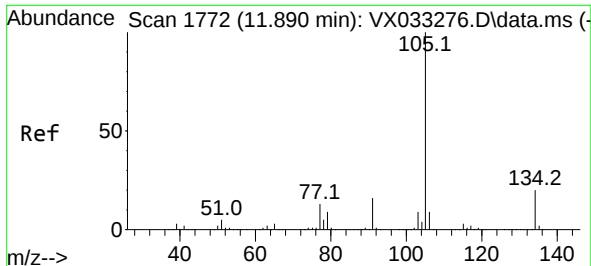
Tgt Ion:105 Resp: 369297

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.5

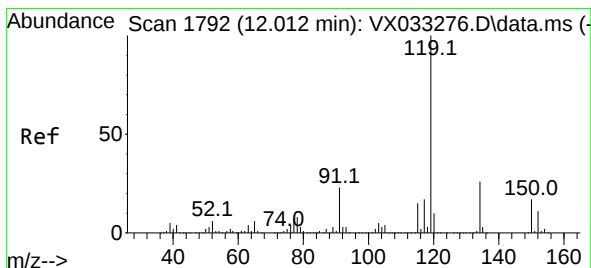
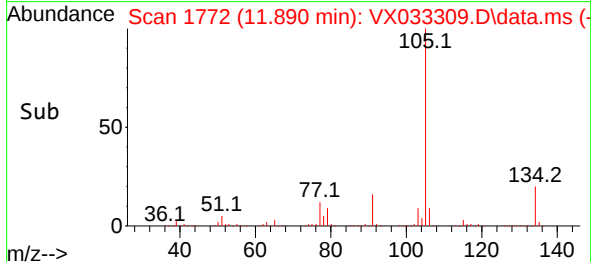
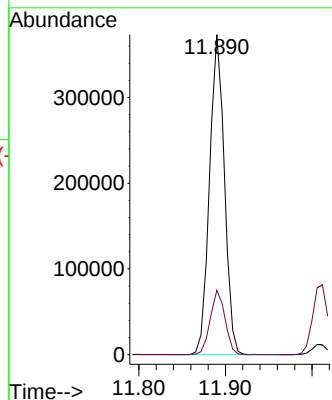
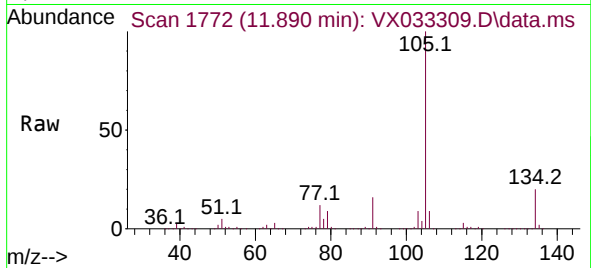




#85
 sec-Butylbenzene
 Concen: 50.225 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29

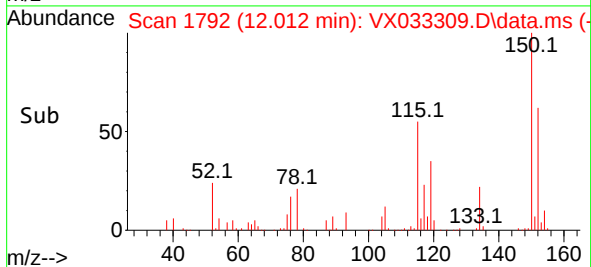
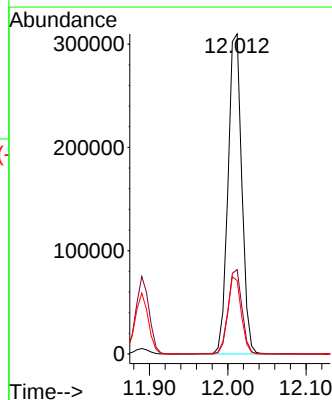
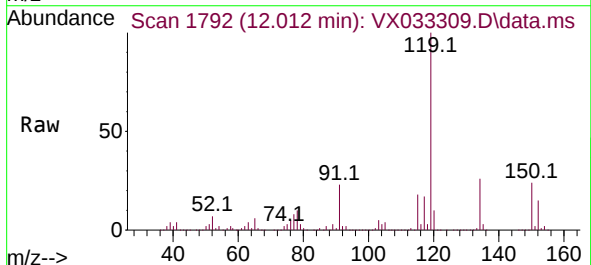
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

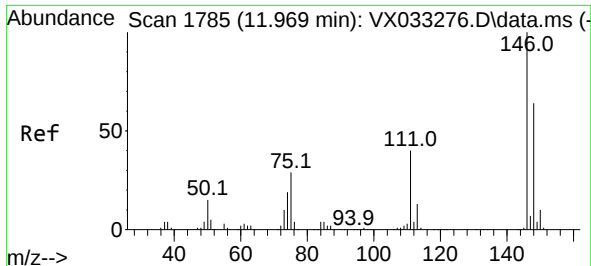
Tgt Ion:105 Resp: 444778
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.622 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033309.D
 Acq: 08 Dec 2022 09:29

Tgt Ion:119 Resp: 378857
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 48.168 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

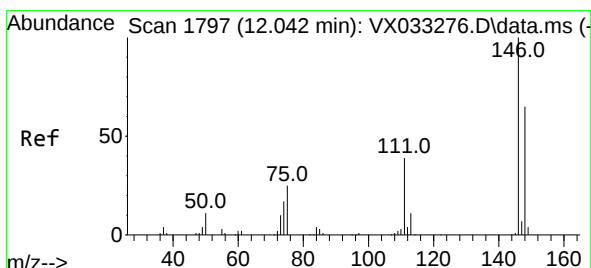
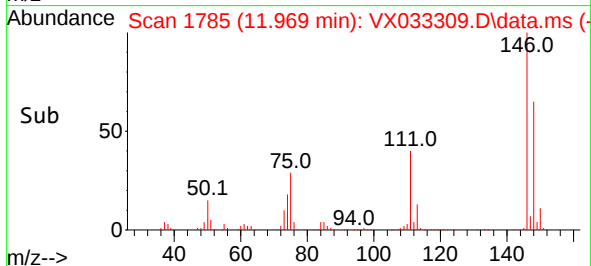
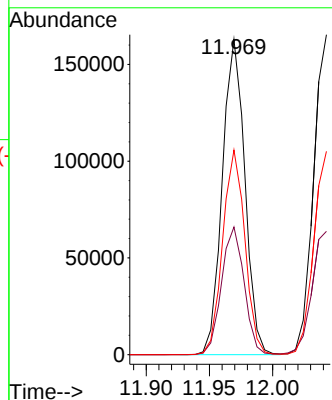
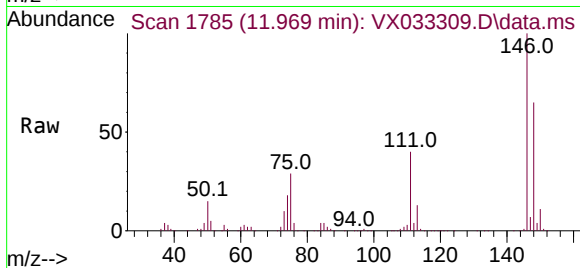
Tgt Ion:146 Resp: 201471

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.231 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

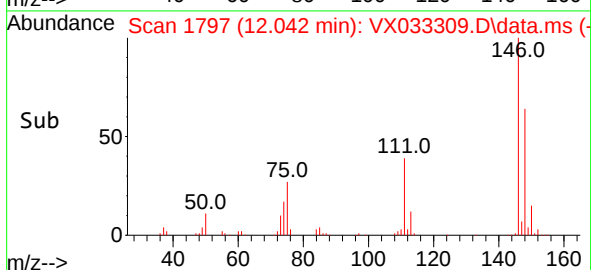
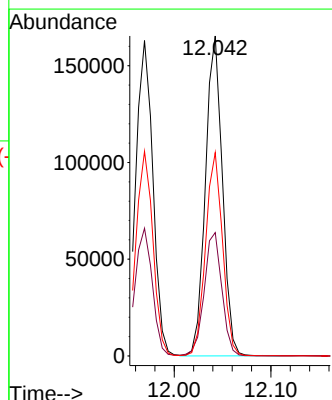
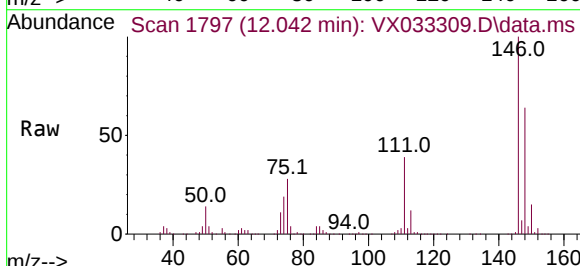
Tgt Ion:146 Resp: 201786

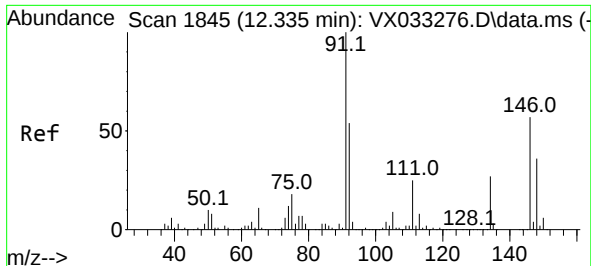
Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.7 32.2 96.6





#89

n-Butylbenzene

Concen: 51.934 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

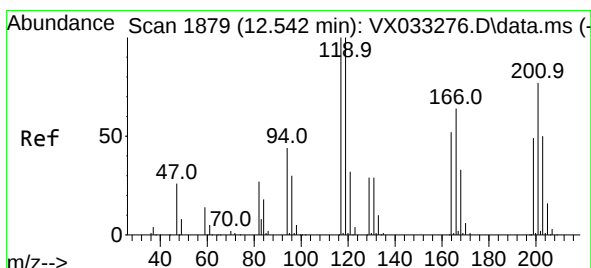
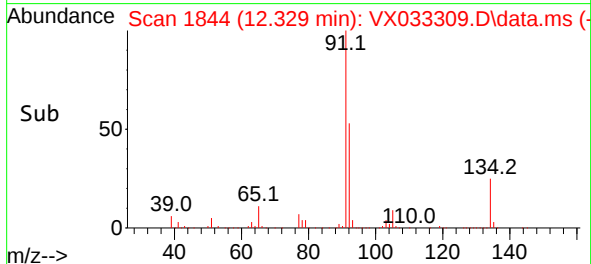
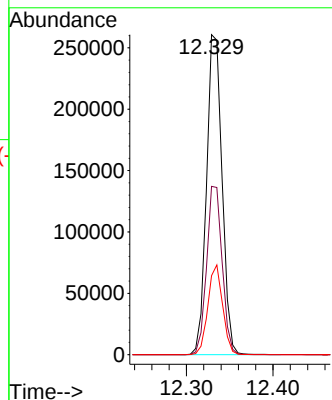
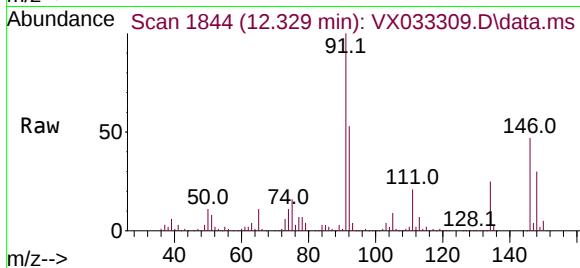
Tgt Ion: 91 Resp: 324755

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

134 26.6 12.9 38.6



#90

Hexachloroethane

Concen: 47.479 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX033309.D

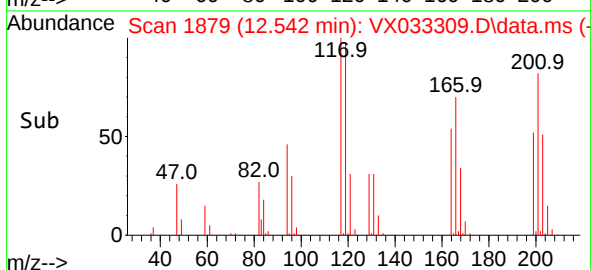
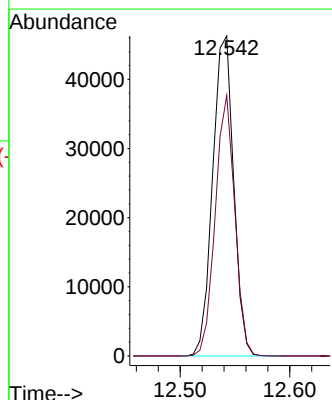
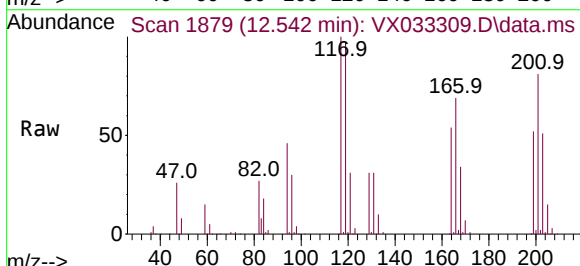
Acq: 08 Dec 2022 09:29

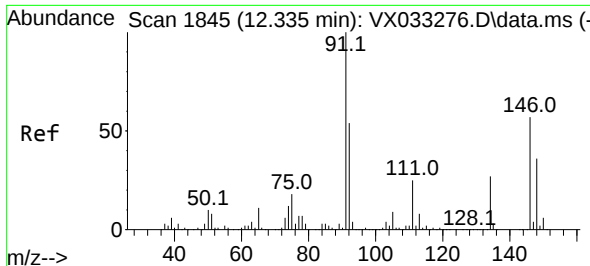
Tgt Ion: 117 Resp: 61617

Ion Ratio Lower Upper

117 100

201 75.8 37.6 112.9

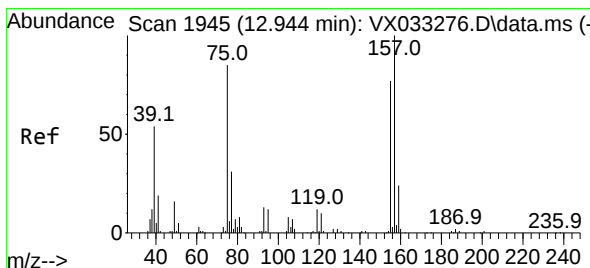
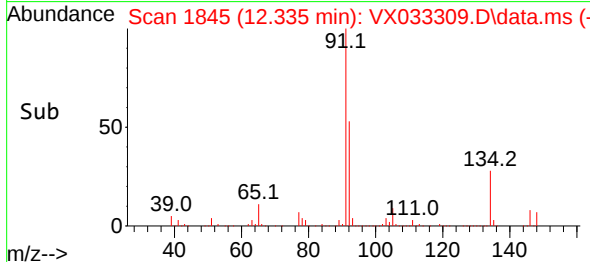
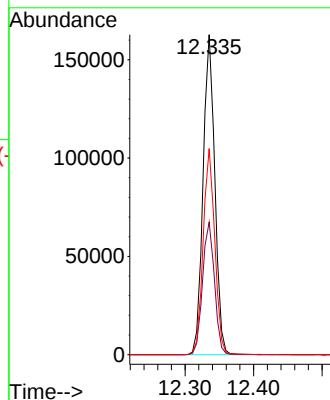
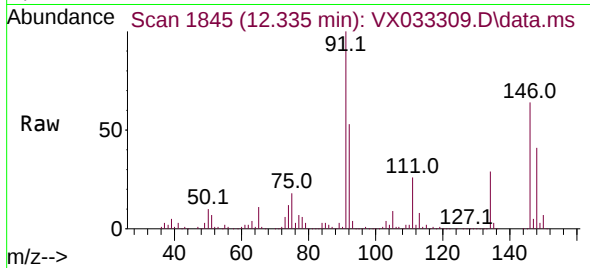




#91
1,2-Dichlorobenzene
Concen: 46.487 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

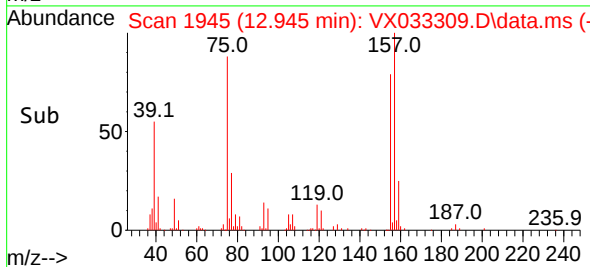
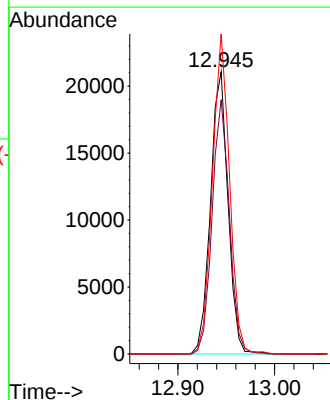
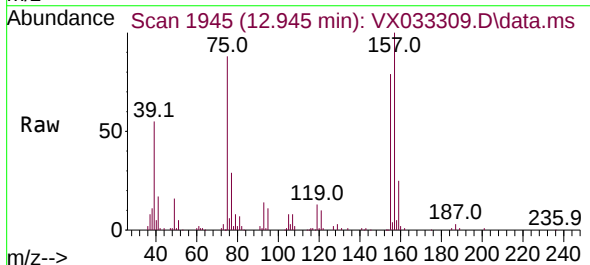
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

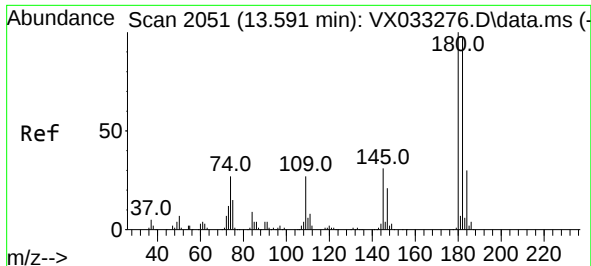
Tgt Ion:146 Resp: 194397
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.375 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion: 75 Resp: 26552
Ion Ratio Lower Upper
75 100
155 88.6 41.6 124.8
157 111.1 54.1 162.4

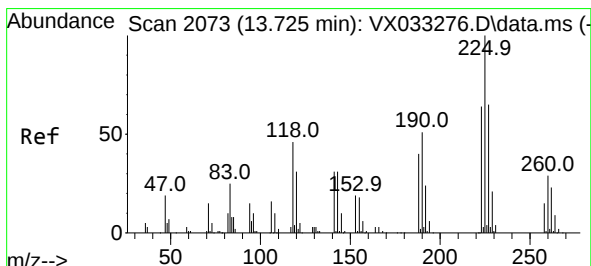
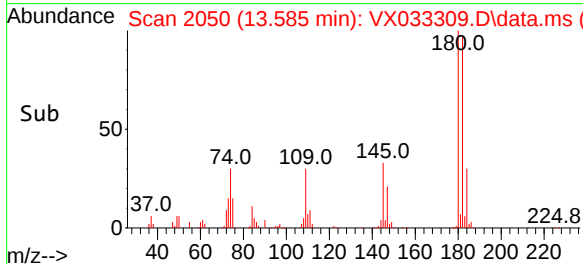
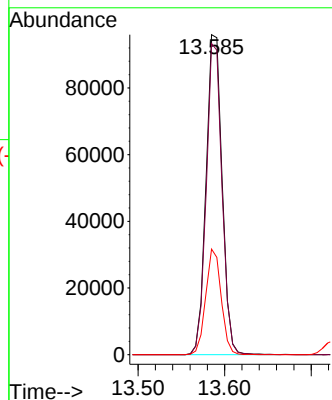
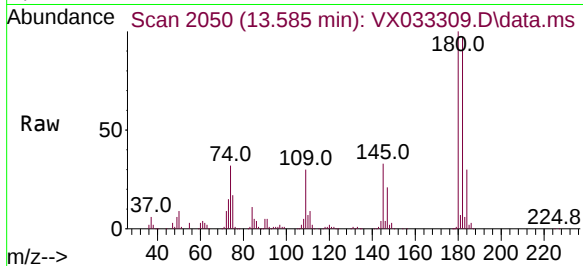




#93
1,2,4-Trichlorobenzene
Concen: 48.849 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

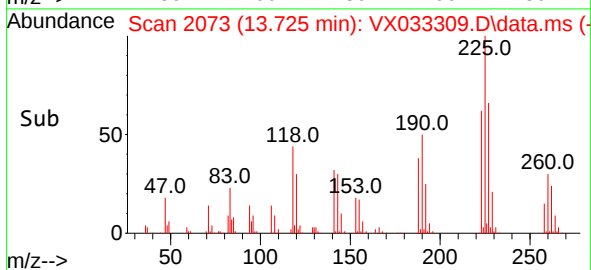
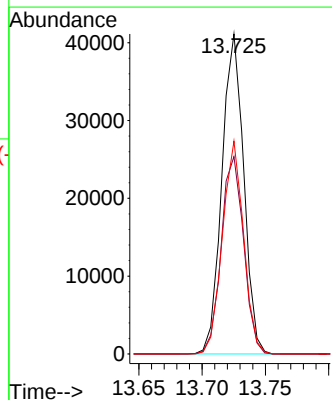
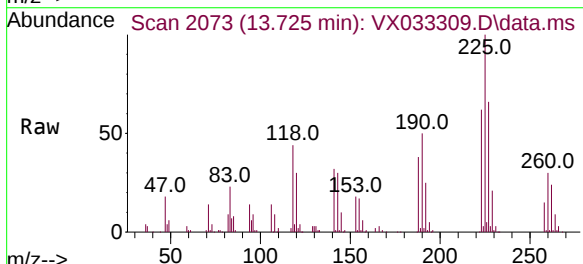
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

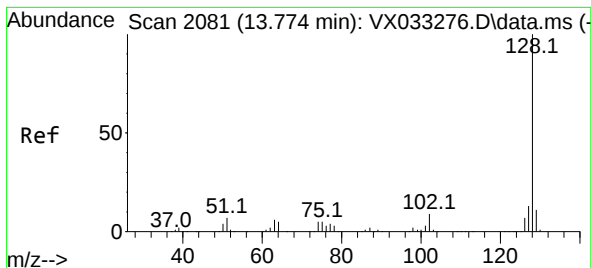
Tgt Ion:180 Resp: 123370
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.0
145 31.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 48.628 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033309.D
Acq: 08 Dec 2022 09:29

Tgt Ion:225 Resp: 49179
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.9
227 64.7 31.9 95.5





#95

Naphthalene

Concen: 47.334 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

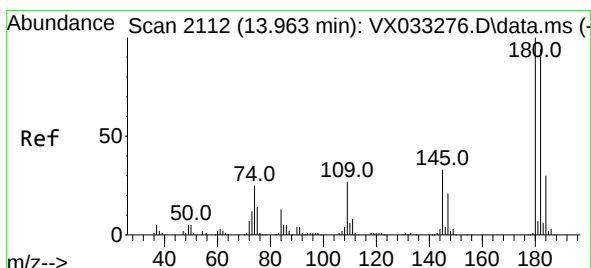
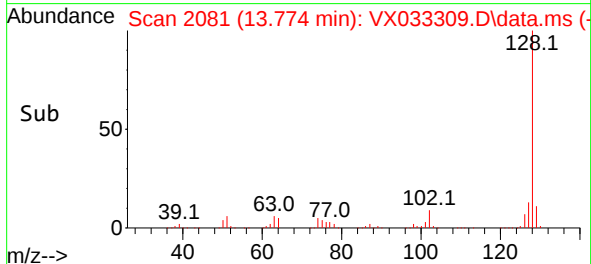
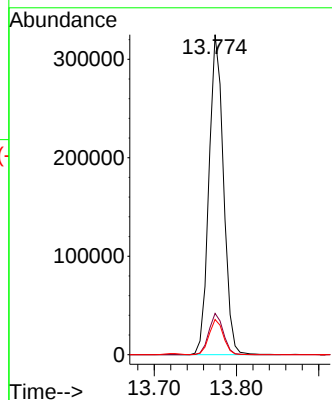
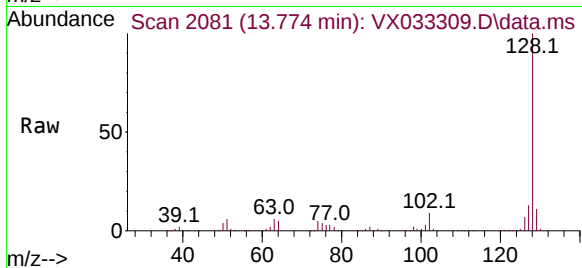
Tgt Ion:128 Resp: 398755

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.910 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033309.D

Acq: 08 Dec 2022 09:29

Tgt Ion:180 Resp: 122545

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 33.9 16.9 50.6

