

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032027.D
 Acq On : 11 Oct 2022 11:16
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Oct 11 16:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	66360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	97920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73099	53.338	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	5.385	113	59441	53.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.260%	
50) Toluene-d8	8.647	98	219626	55.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	11.079	95	86172	61.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	56314	57.022	ug/l	99
3) Chloromethane	1.288	50	48064	46.476	ug/l	99
4) Vinyl Chloride	1.374	62	57883	47.894	ug/l	98
5) Bromomethane	1.612	94	45329	58.454	ug/l	97
6) Chloroethane	1.685	64	46818	45.522	ug/l	96
7) Trichlorofluoromethane	1.886	101	111746	51.438	ug/l	98
8) Diethyl Ether	2.130	74	36321	49.049	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	56422	51.383	ug/l	90
10) Methyl Iodide	2.453	142	51272	46.116	ug/l	98
11) Tert butyl alcohol	2.983	59	40482	237.417	ug/l	99
12) 1,1-Dichloroethene	2.319	96	50795	50.253	ug/l	90
13) Acrolein	2.233	56	26817	274.301	ug/l	100
14) Allyl chloride	2.660	41	79719	55.428	ug/l	97
15) Acrylonitrile	3.062	53	131803	242.481	ug/l	99
16) Acetone	2.386	43	122798	263.644	ug/l	96
17) Carbon Disulfide	2.508	76	111927	51.565	ug/l	99
18) Methyl Acetate	2.703	43	80043	52.084	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	179774	53.000	ug/l	98
20) Methylene Chloride	2.788	84	58227	47.572	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	55387	49.480	ug/l	96
22) Diisopropyl ether	3.757	45	178121	55.090	ug/l	96
23) Vinyl Acetate	3.721	43	700242	289.737	ug/l	98
24) 1,1-Dichloroethane	3.611	63	100139	51.667	ug/l	98
25) 2-Butanone	4.556	43	188511	258.906	ug/l	98
26) 2,2-Dichloropropane	4.477	77	81897	58.828	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	66617	49.737	ug/l	92
28) Bromochloromethane	4.898	49	43799	52.796	ug/l	91
29) Tetrahydrofuran	5.001	42	113754	242.137	ug/l	96
30) Chloroform	5.093	83	113794	52.710	ug/l	98
31) Cyclohexane	5.471	56	84304	51.493	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	99494	54.233	ug/l	100
36) 1,1-Dichloropropene	5.690	75	79207	53.890	ug/l	99
37) Ethyl Acetate	4.709	43	74897	54.126	ug/l	99
38) Carbon Tetrachloride	5.678	117	86824	57.773	ug/l	96
39) Methylcyclohexane	7.379	83	98163	55.992	ug/l	93
40) Benzene	6.038	78	227537	52.868	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40480	56.257	ug/l	97
42) 1,2-Dichloroethane	6.080	62	89671	57.176	ug/l	100
43) Isopropyl Acetate	6.336	43	122706	58.446	ug/l	99
44) Trichloroethene	7.123	130	64317	50.966	ug/l	94
45) 1,2-Dichloropropane	7.428	63	59407	56.167	ug/l	95
46) Dibromomethane	7.580	93	43910	53.568	ug/l	94
47) Bromodichloromethane	7.818	83	87415	61.732	ug/l	99
48) Methyl methacrylate	7.690	41	61198	61.001	ug/l	96
49) 1,4-Dioxane	7.684	88	22391	985.635	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	390296	280.529	ug/l	99
52) Toluene	8.720	92	153000	54.371	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87476	57.208	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	95171	62.060	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	62773	52.853	ug/l	98
56) Ethyl methacrylate	9.116	69	91648	60.199	ug/l	97
57) 1,3-Dichloropropane	9.311	76	104902	54.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	226310	287.972	ug/l	96
59) 2-Hexanone	9.433	43	295648	288.199	ug/l	100
60) Dibromochloromethane	9.519	129	69034	63.512	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66827	55.951	ug/l	100
64) Tetrachloroethene	9.275	164	62623	51.446	ug/l	97
65) Chlorobenzene	10.079	112	168341	51.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	64234	56.823	ug/l	98
67) Ethyl Benzene	10.195	91	302440	54.723	ug/l	99
68) m/p-Xylenes	10.299	106	240293	109.410	ug/l	99
69) o-Xylene	10.640	106	113897	53.355	ug/l	97
70) Styrene	10.653	104	194467	56.985	ug/l	100
71) Bromoform	10.799	173	45717	61.777	ug/l #	98
73) Isopropylbenzene	10.964	105	312117	52.571	ug/l	98
74) N-amyl acetate	10.842	43	114608	63.213	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	92853	49.223	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	100173	62.091	ug/l	86
77) Bromobenzene	11.201	156	73590	50.319	ug/l	99
78) n-propylbenzene	11.305	91	372067	55.097	ug/l	99
79) 2-Chlorotoluene	11.366	91	217259	53.462	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	273539	55.551	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24593	53.799	ug/l	87
82) 4-Chlorotoluene	11.451	91	255406	54.877	ug/l	99
83) tert-Butylbenzene	11.713	119	262014	53.763	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	268743	53.725	ug/l	99
85) sec-Butylbenzene	11.890	105	344504	57.097	ug/l	99
86) p-Isopropyltoluene	12.006	119	295244	58.119	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	144790	51.997	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	146787	51.213	ug/l	99
89) n-Butylbenzene	12.329	91	262560	61.719	ug/l	99
90) Hexachloroethane	12.536	117	47144	58.142	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	143140	51.702	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20402	59.086	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	93781	55.811	ug/l	99
94) Hexachlorobutadiene	13.725	225	40443	59.508	ug/l	98
95) Naphthalene	13.774	128	306389	53.212	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93913	55.099	ug/l	98

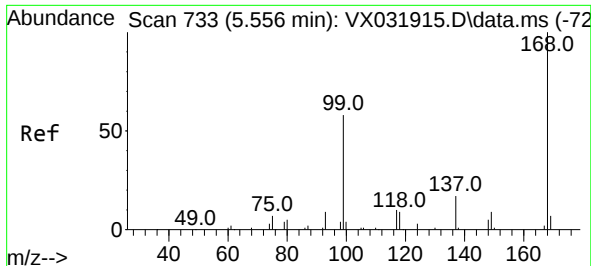
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Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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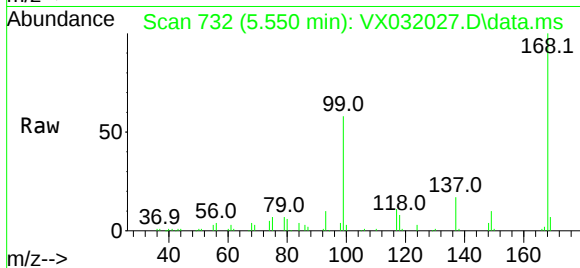
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

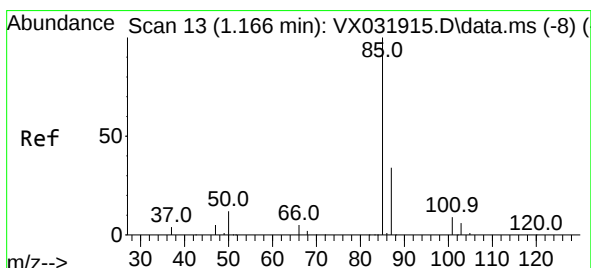
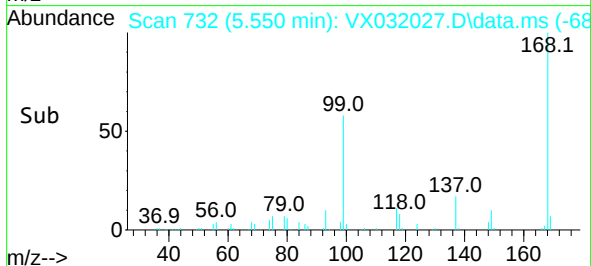
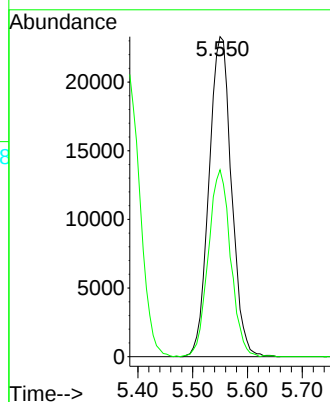


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

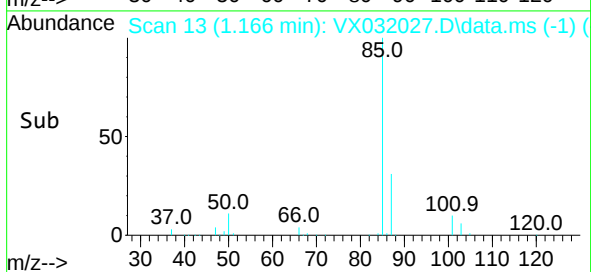
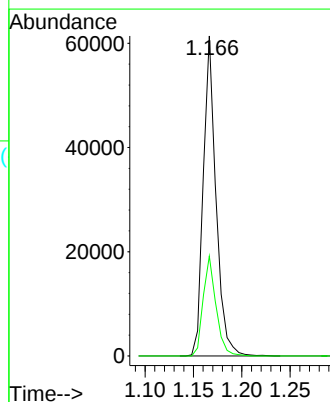
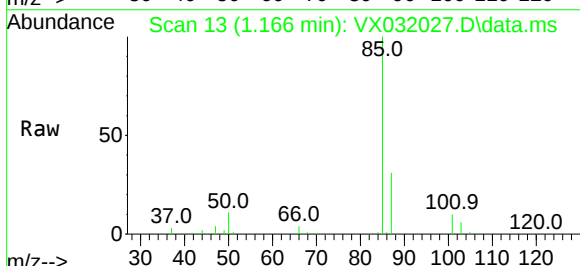


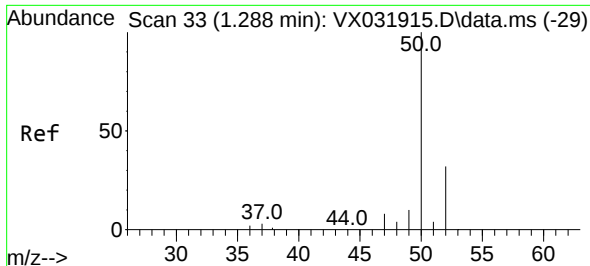
Tgt Ion:168 Resp: 66360
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 57.022 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 85 Resp: 56314
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4

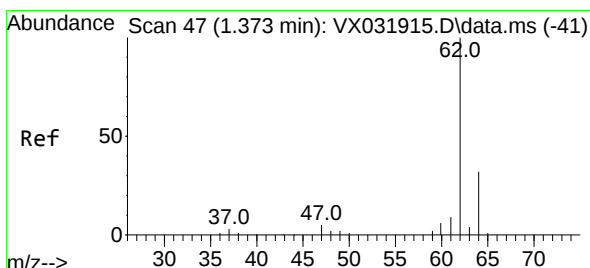
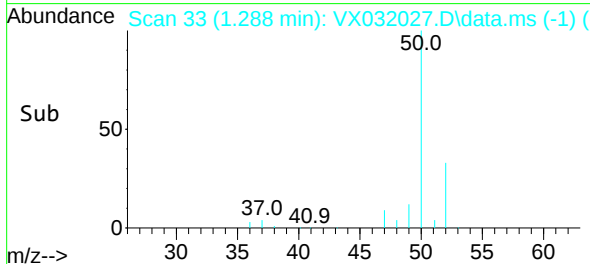
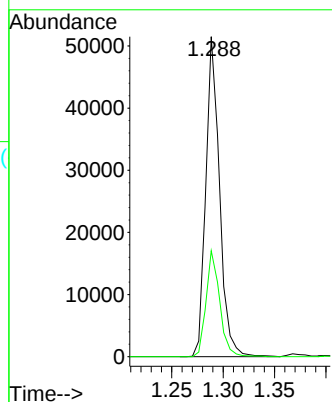
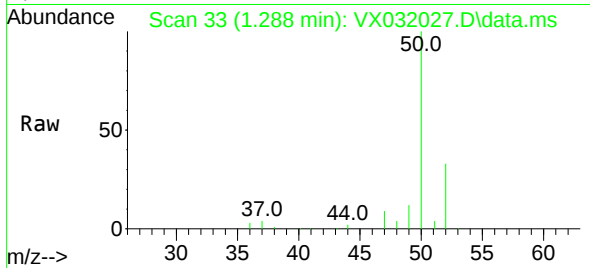




#3
Chloromethane
Concen: 46.476 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

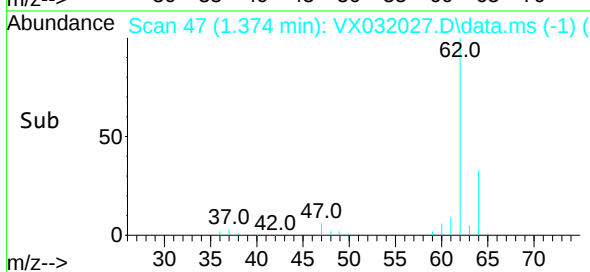
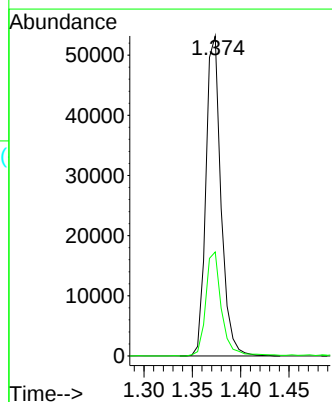
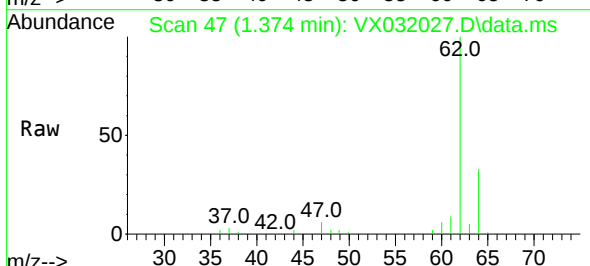
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

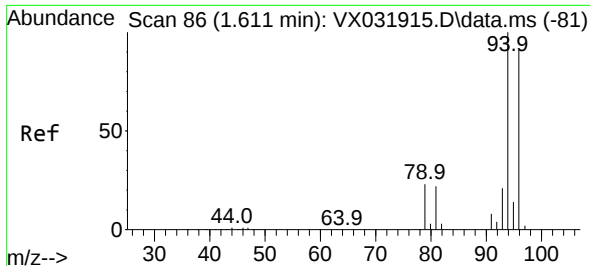
Tgt Ion: 50 Resp: 48064
Ion Ratio Lower Upper
50 100
52 33.1 26.9 40.3



#4
Vinyl Chloride
Concen: 47.894 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 62 Resp: 57883
Ion Ratio Lower Upper
62 100
64 32.5 25.3 37.9

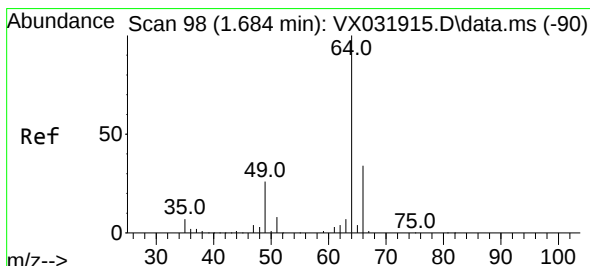
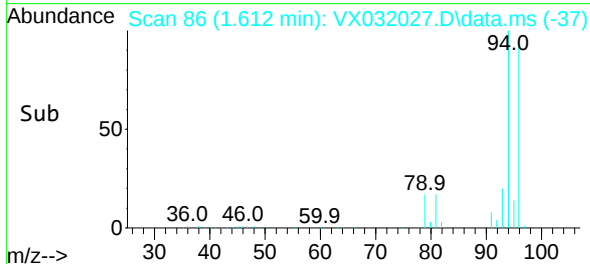
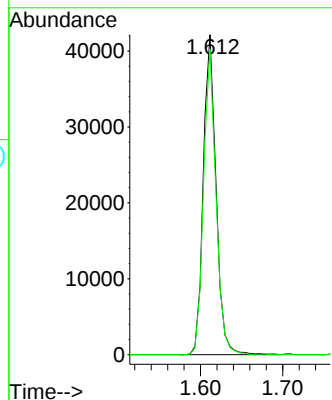
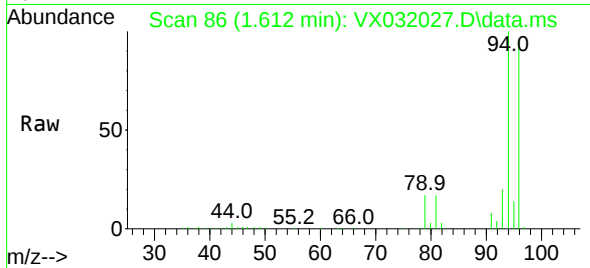




#5
Bromomethane
Concen: 58.454 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

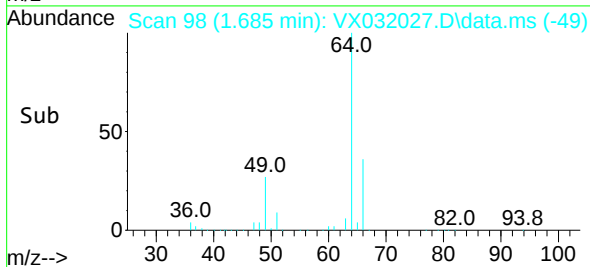
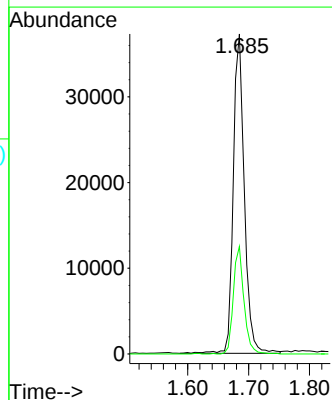
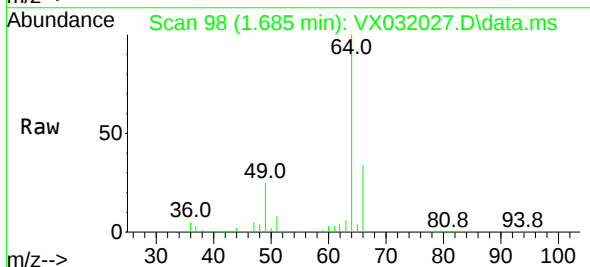
Instrument :
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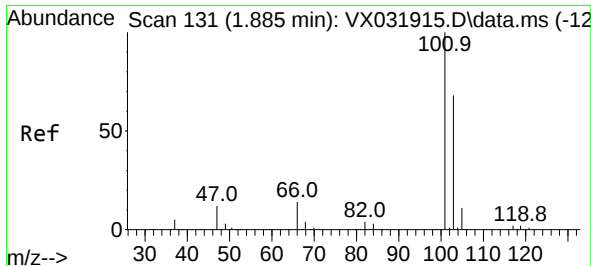
Tgt Ion: 94 Resp: 45329
Ion Ratio Lower Upper
94 100
96 95.5 74.4 111.6



#6
Chloroethane
Concen: 45.522 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 64 Resp: 46818
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.4

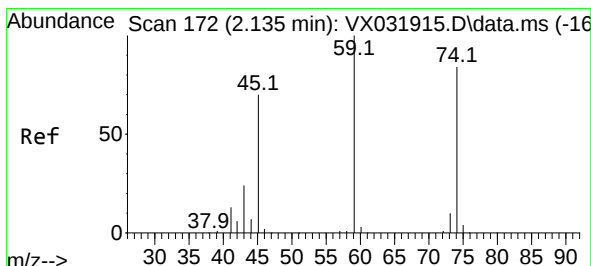
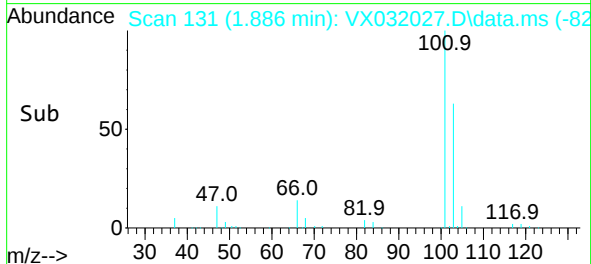
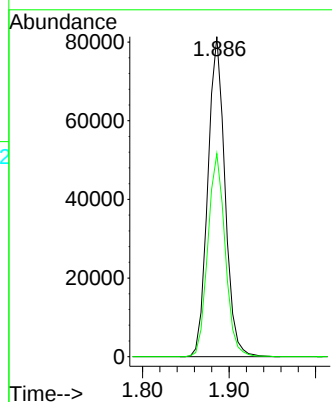
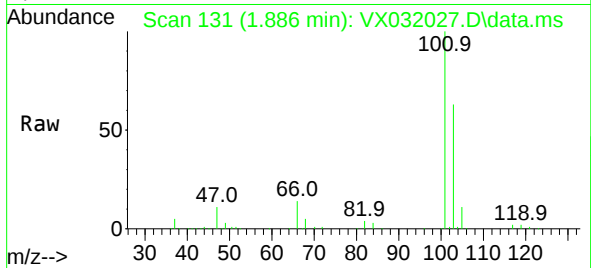




#7
Trichlorofluoromethane
Concen: 51.438 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

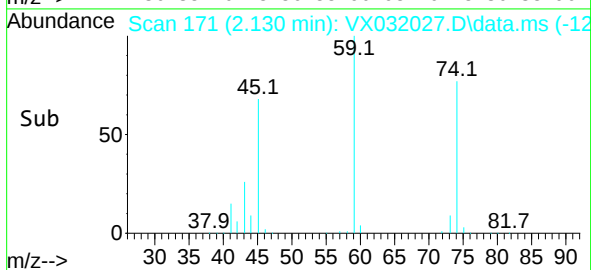
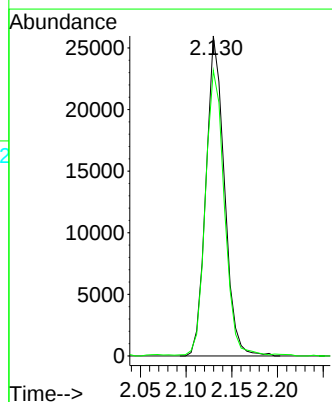
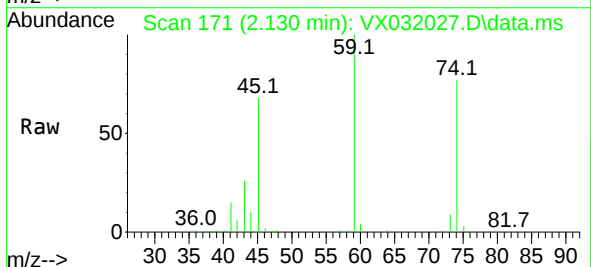
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

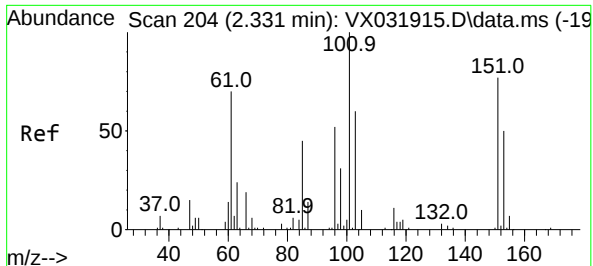
Tgt Ion:101 Resp: 111746
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6



#8
Diethyl Ether
Concen: 49.049 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 74 Resp: 36321
Ion Ratio Lower Upper
74 100
45 91.2 48.5 145.6

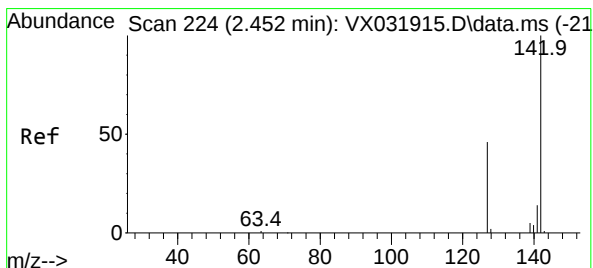
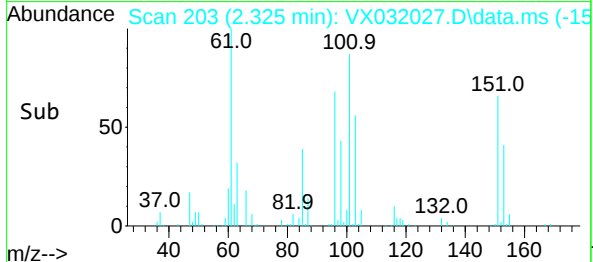
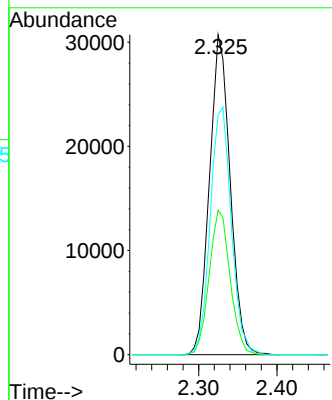
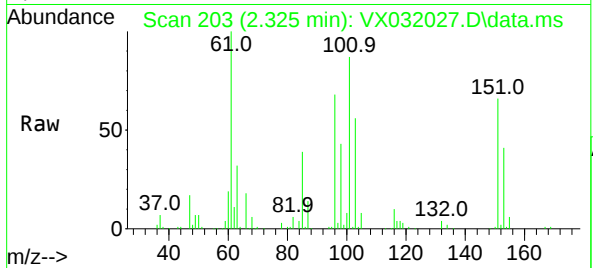




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.383 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032027.D
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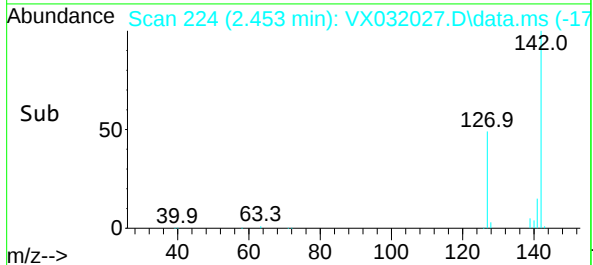
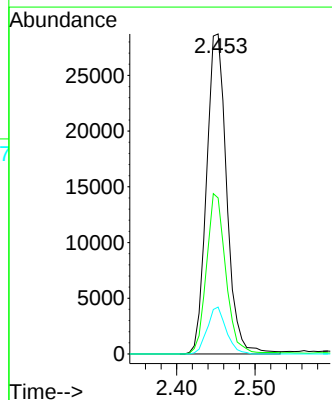
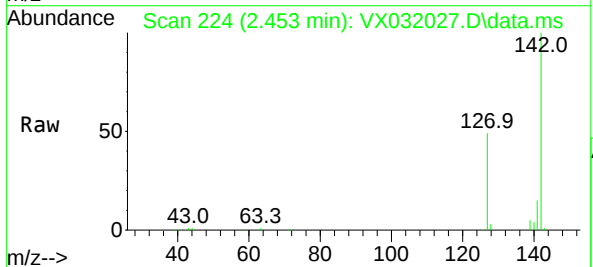
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

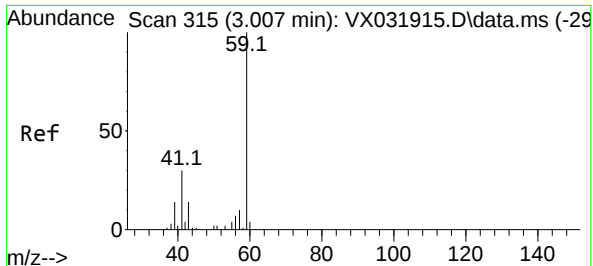
Tgt Ion:101 Resp: 56422
Ion Ratio Lower Upper
101 100
85 45.6 38.6 57.8
151 78.8 54.0 81.0



#10
Methyl Iodide
Concen: 46.116 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:142 Resp: 51272
Ion Ratio Lower Upper
142 100
127 48.2 37.4 56.0
141 13.7 11.6 17.4

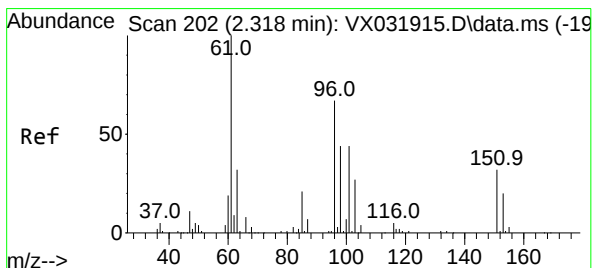
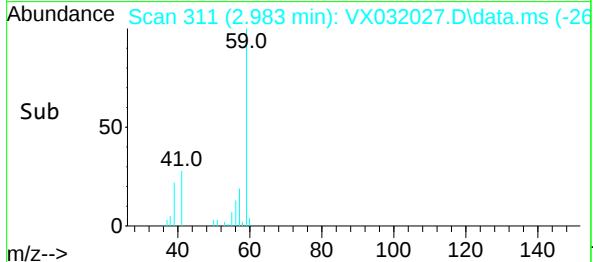
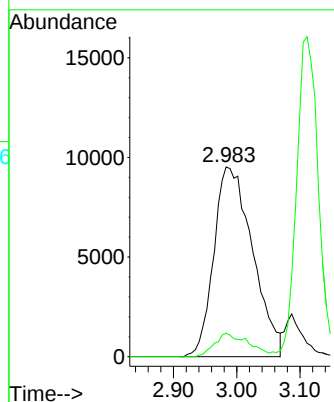
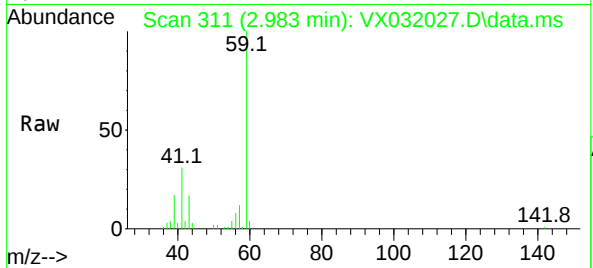




#11
Tert butyl alcohol
Concen: 237.417 ug/l
RT: 2.983 min Scan# 315
Delta R.T. -0.024 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

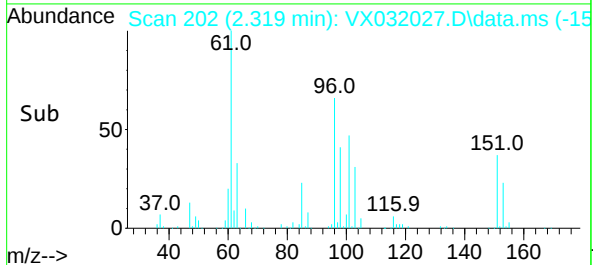
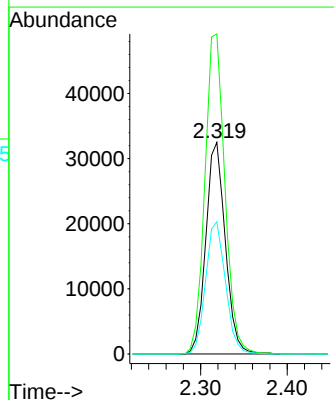
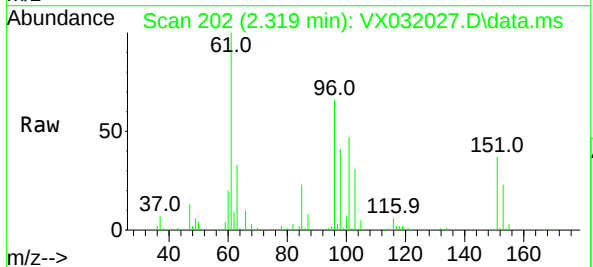
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

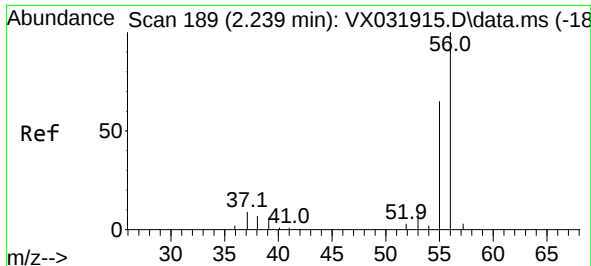
Tgt Ion: 59 Resp: 40482
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.253 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 96 Resp: 50795
Ion Ratio Lower Upper
96 100
61 151.3 135.3 202.9
98 62.5 49.4 74.2

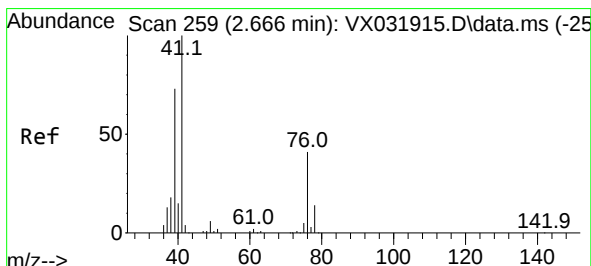
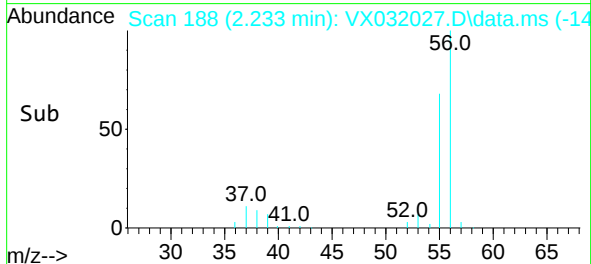
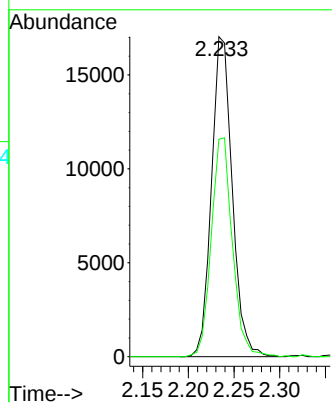
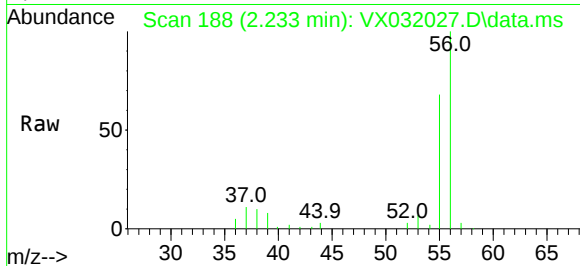




#13
Acrolein
Concen: 274.301 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

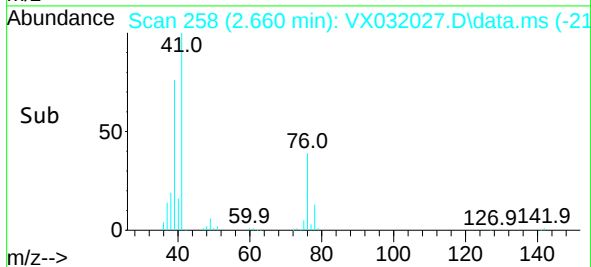
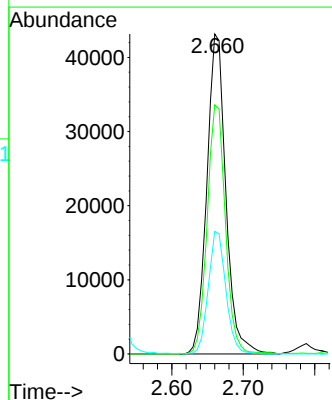
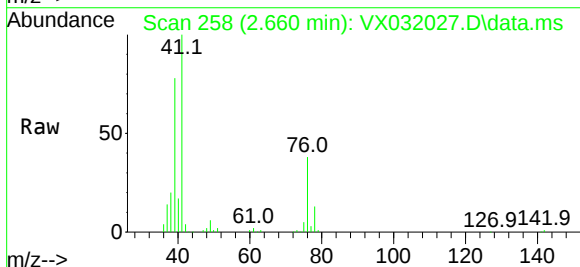
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

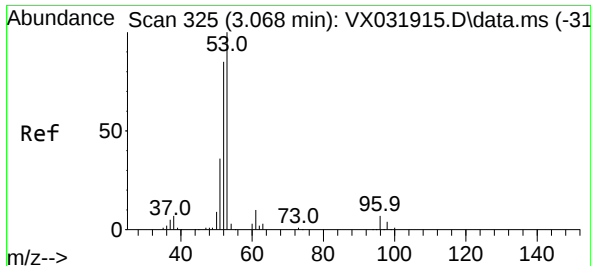
Tgt Ion: 56 Resp: 26817
Ion Ratio Lower Upper
56 100
55 69.7 56.0 84.0



#14
Allyl chloride
Concen: 55.428 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 41 Resp: 79719
Ion Ratio Lower Upper
41 100
39 74.6 58.2 87.4
76 35.5 26.9 40.3

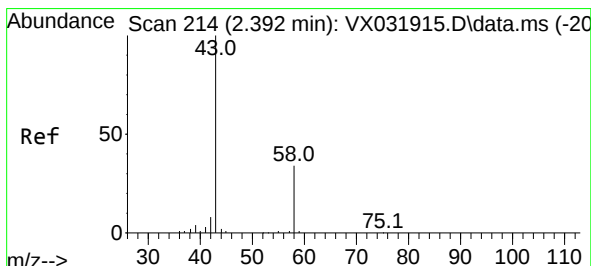
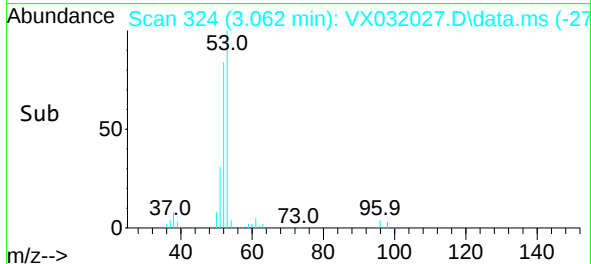
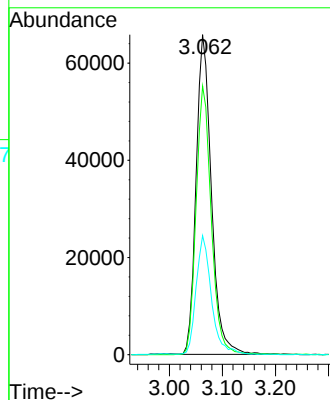
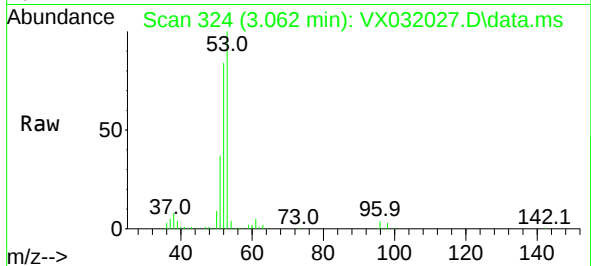




#15
Acrylonitrile
Concen: 242.481 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

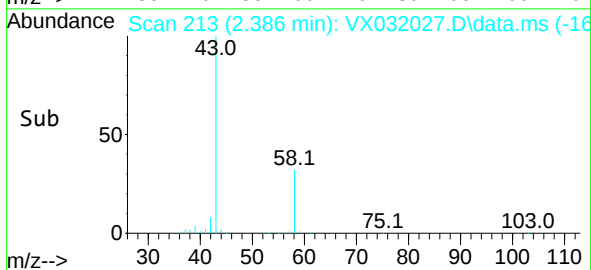
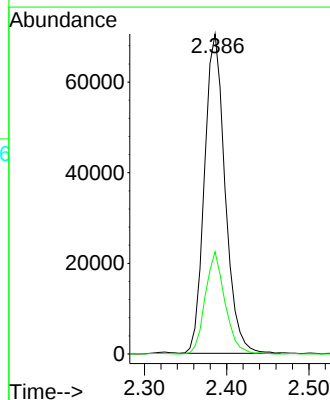
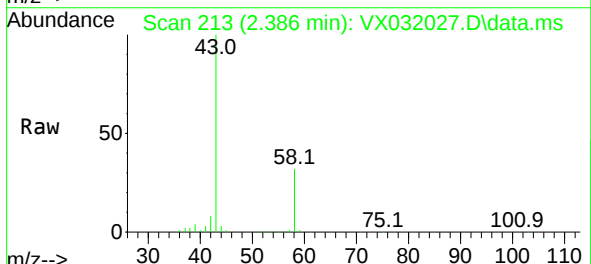
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

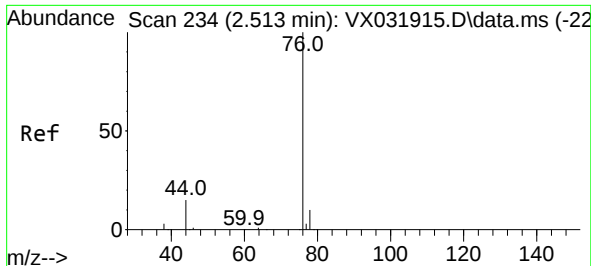
Tgt Ion: 53 Resp: 131803
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 37.1 30.0 45.0



#16
Acetone
Concen: 263.644 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 43 Resp: 122798
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.8

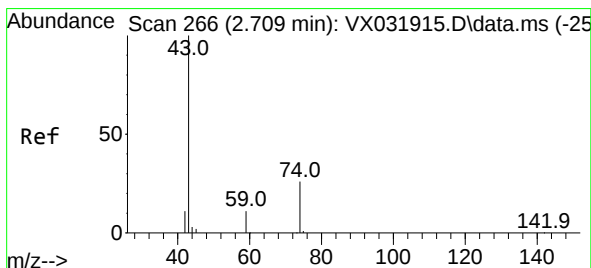
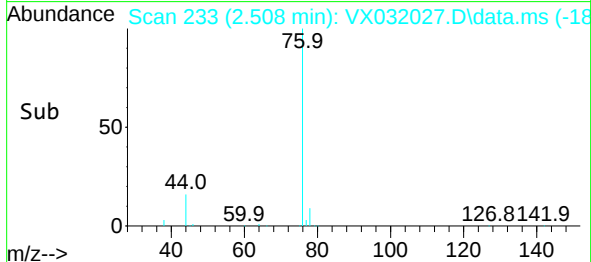
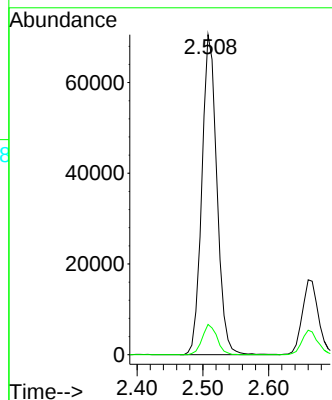
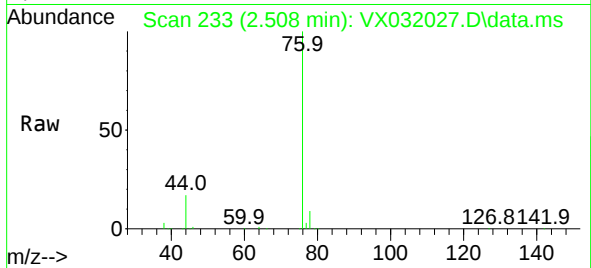




#17
Carbon Disulfide
Concen: 51.565 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

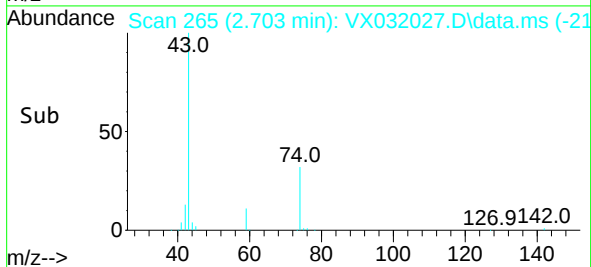
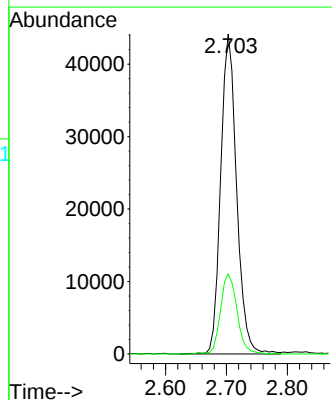
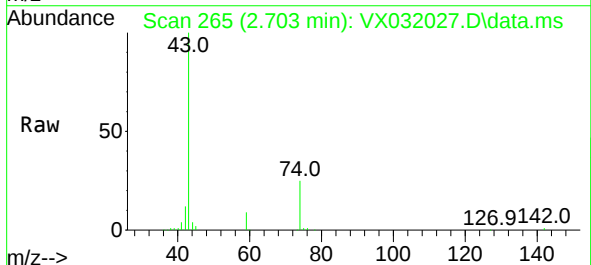
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

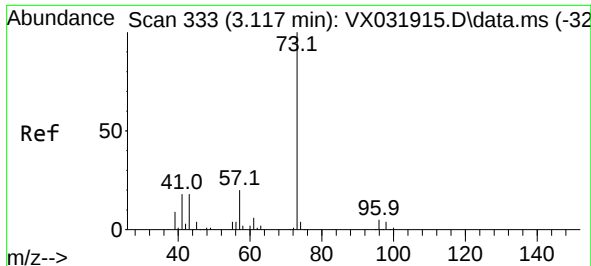
Tgt Ion: 76 Resp: 111927
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 52.084 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 43 Resp: 80043
Ion Ratio Lower Upper
43 100
74 25.9 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 53.000 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

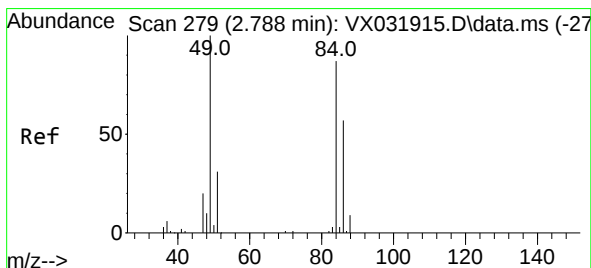
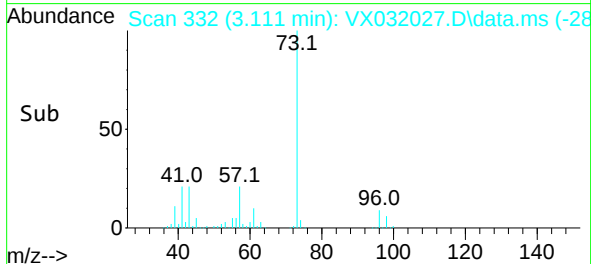
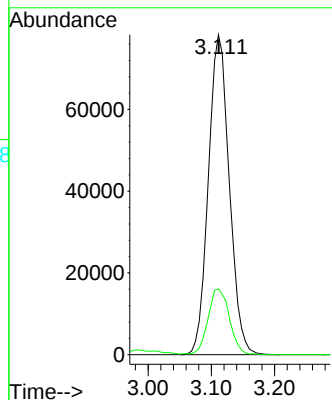
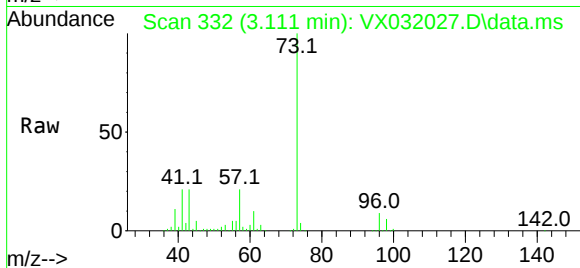
VSTDCCC050

Tgt Ion: 73 Resp: 179774

Ion Ratio Lower Upper

73 100

57 20.5 17.2 25.8



#20

Methylene Chloride

Concen: 47.572 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Tgt Ion: 84 Resp: 58227

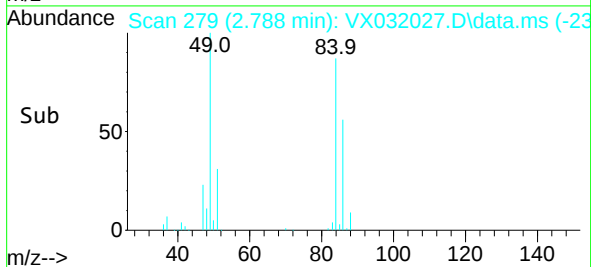
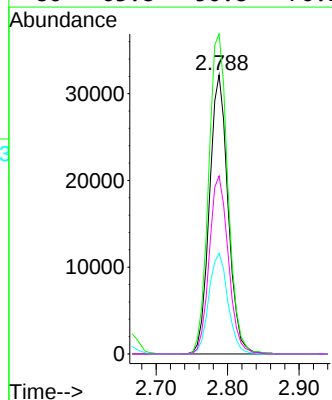
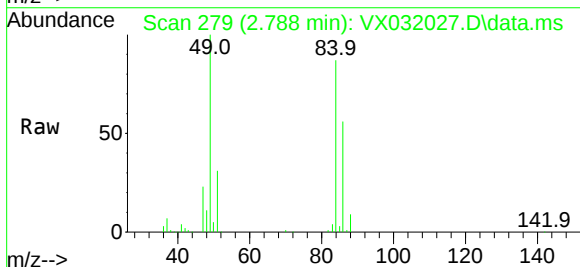
Ion Ratio Lower Upper

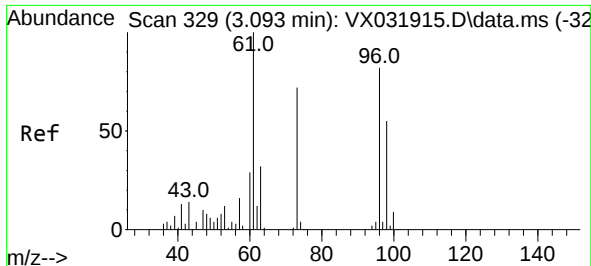
84 100

49 114.7 105.9 158.9

51 36.1 32.2 48.2

86 63.8 50.8 76.2

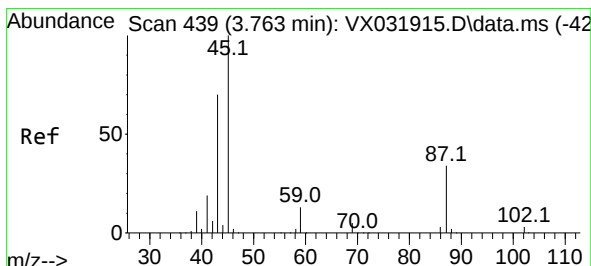
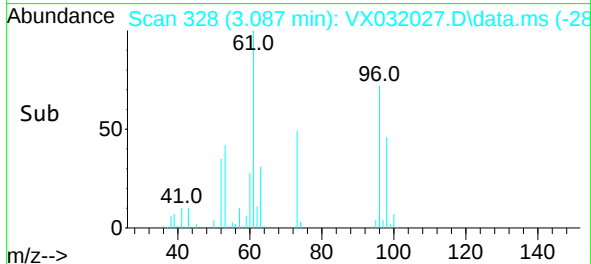
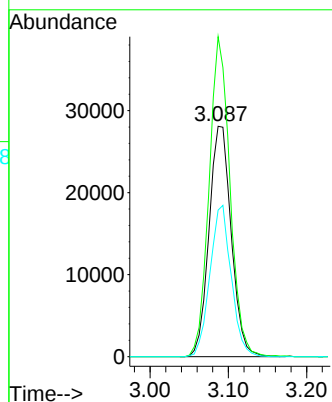
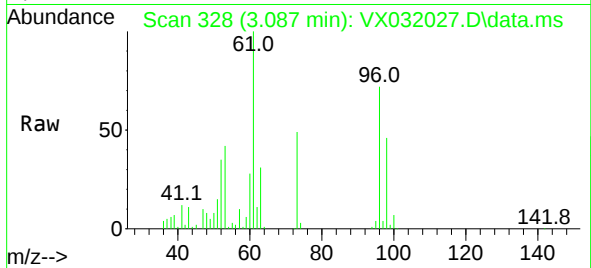




#21
trans-1,2-Dichloroethene
Concen: 49.480 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

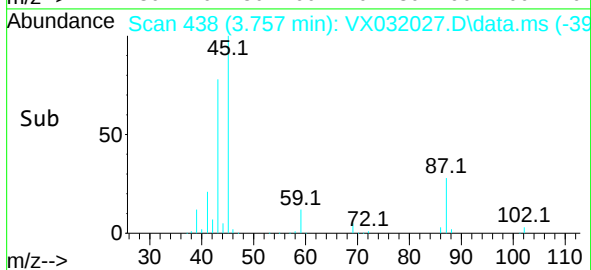
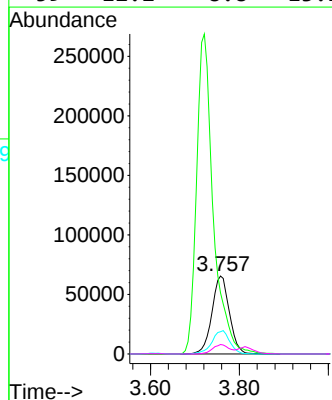
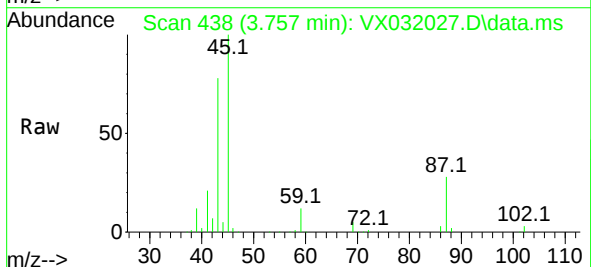
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

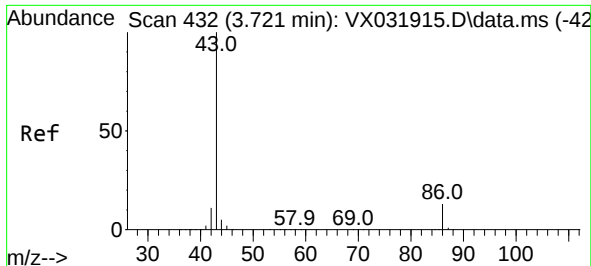
Tgt Ion: 96 Resp: 55387
Ion Ratio Lower Upper
96 100
61 138.9 106.7 160.1
98 63.6 48.7 73.1



#22
Diisopropyl ether
Concen: 55.090 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 45 Resp: 178121
Ion Ratio Lower Upper
45 100
43 78.2 59.0 88.6
87 28.5 22.6 33.8
59 12.2 8.8 13.2

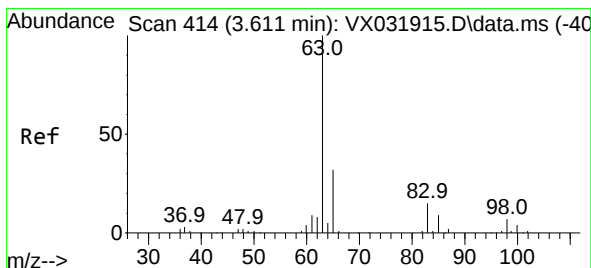
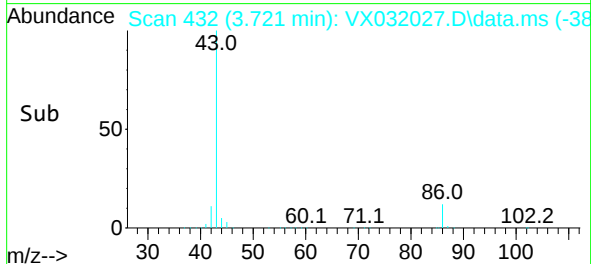
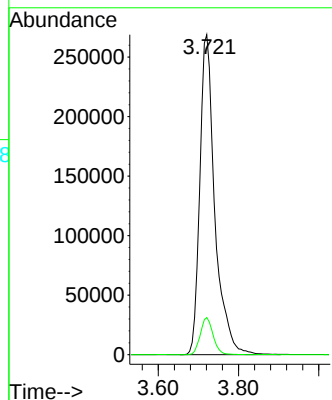
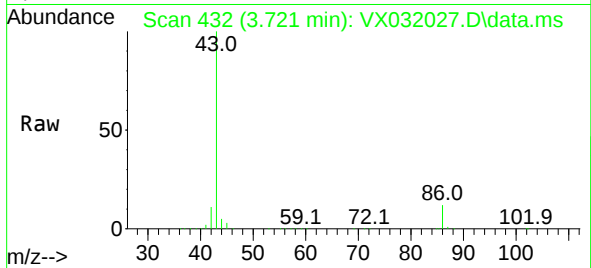




#23
 Vinyl Acetate
 Concen: 289.737 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032027.D
 Acq: 11 Oct 2022 11:16

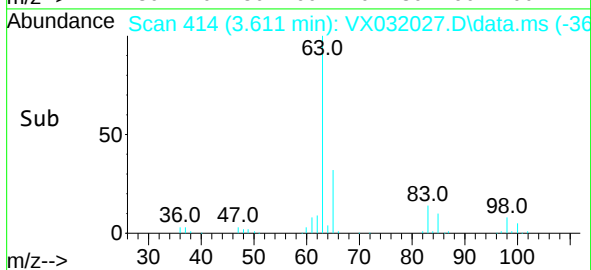
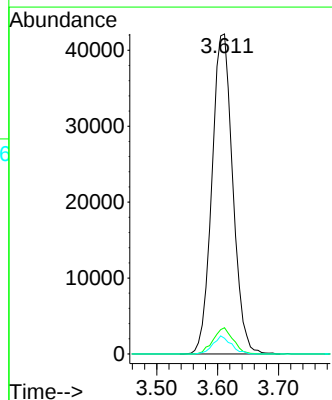
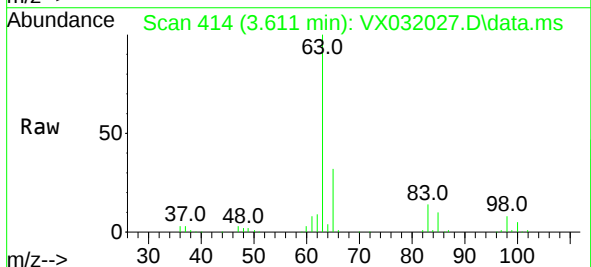
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

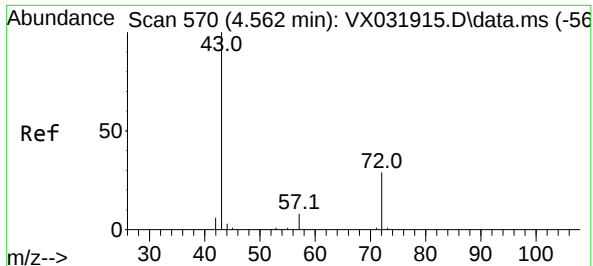
Tgt Ion: 43 Resp: 700242
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 51.667 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032027.D
 Acq: 11 Oct 2022 11:16

Tgt Ion: 63 Resp: 100139
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 4.9 2.4 7.2

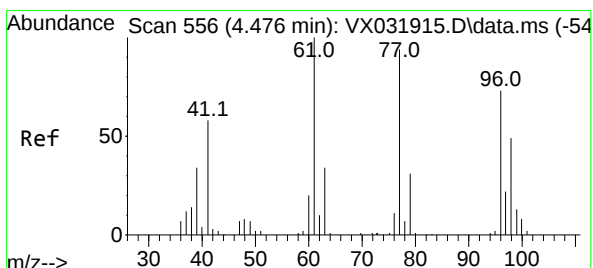
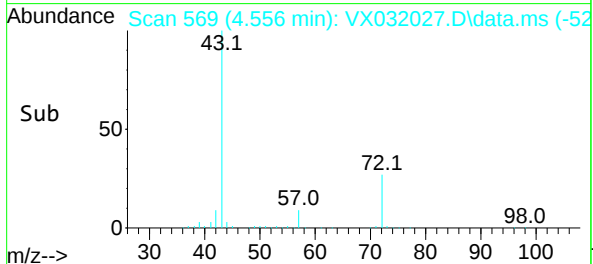
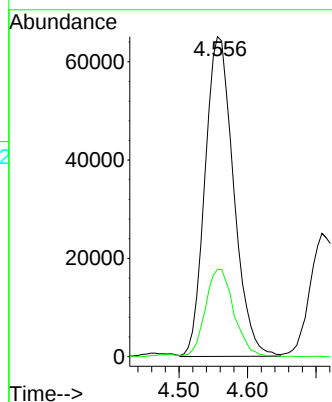
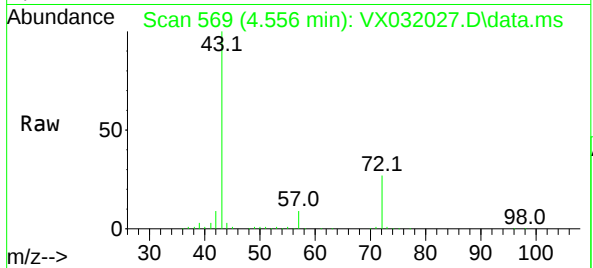




#25
2-Butanone
Concen: 258.906 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

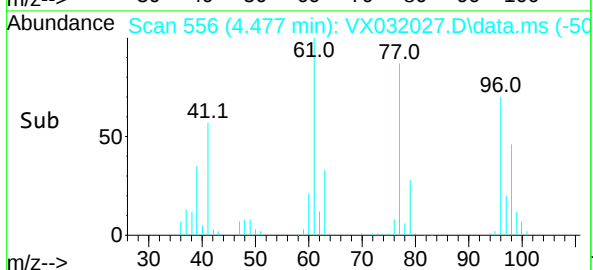
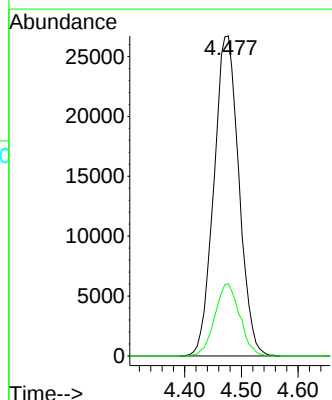
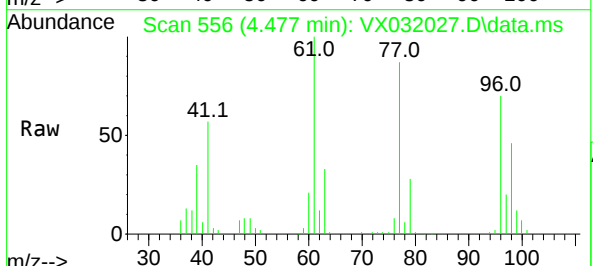
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

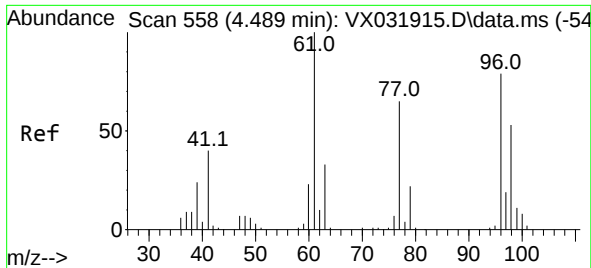
Tgt Ion: 43 Resp: 188511
Ion Ratio Lower Upper
43 100
72 27.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 58.828 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 77 Resp: 81897
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.6

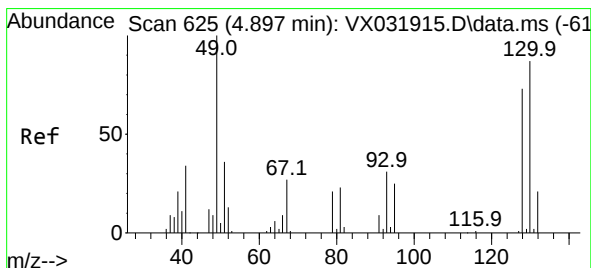
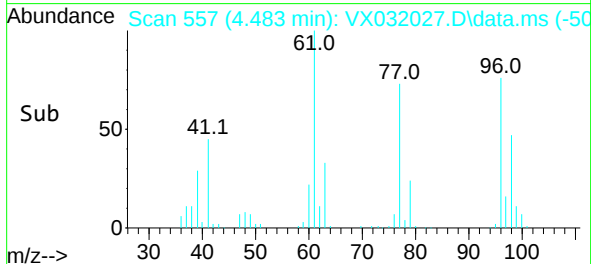
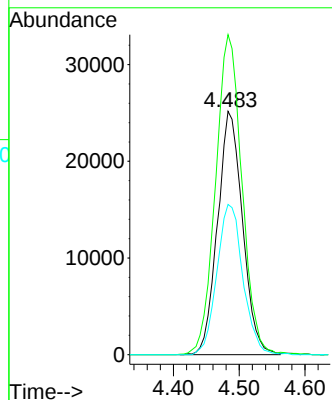
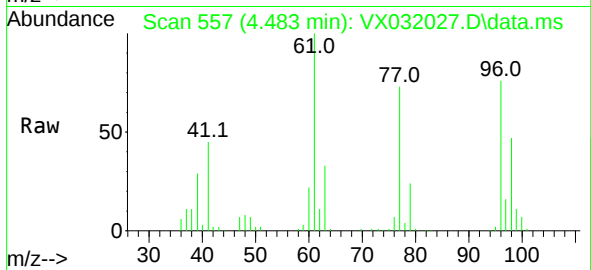




#27
 cis-1,2-Dichloroethene
 Concen: 49.737 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX032027.D
 Acq: 11 Oct 2022 11:16

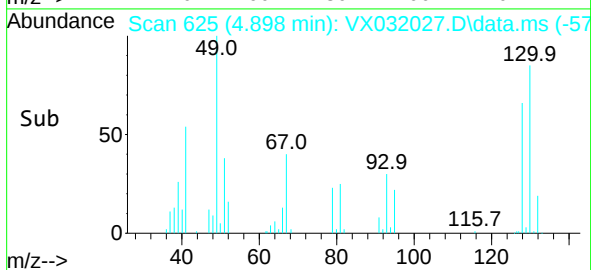
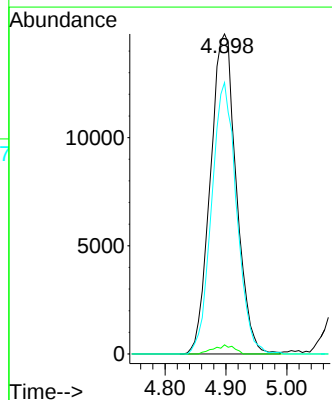
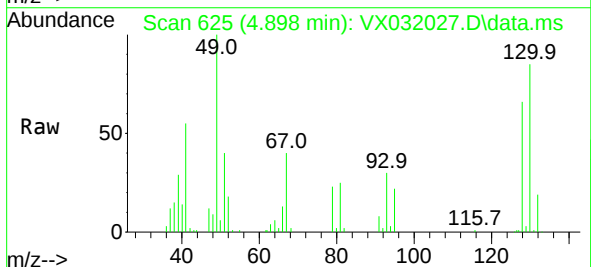
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

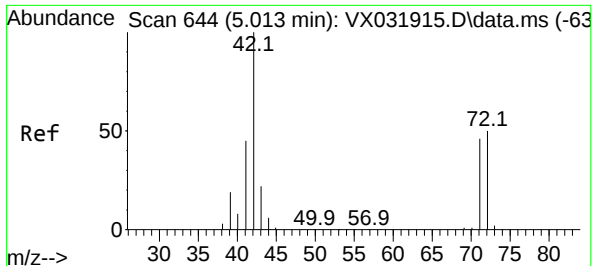
Tgt Ion: 96 Resp: 66617
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 305.2
 98 64.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 52.796 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX032027.D
 Acq: 11 Oct 2022 11:16

Tgt Ion: 49 Resp: 43799
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 81.7 59.0 88.4





#29

Tetrahydrofuran

Concen: 242.137 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

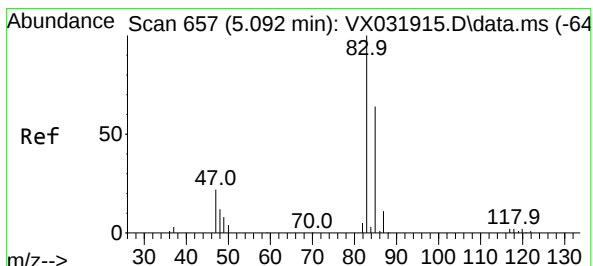
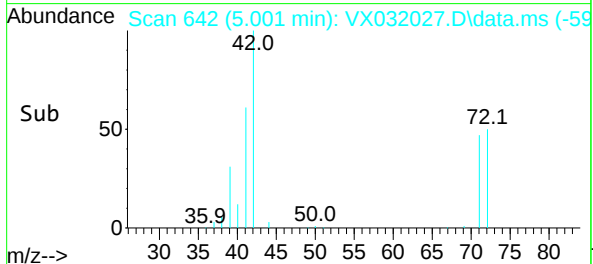
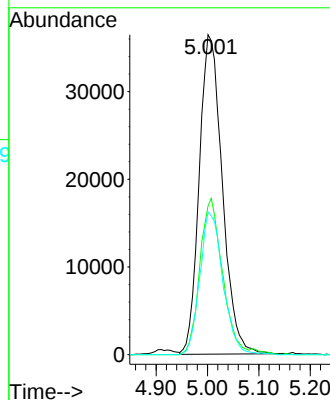
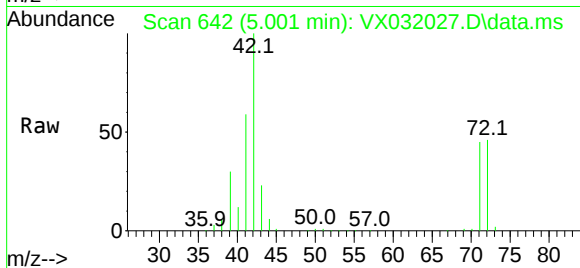
Tgt Ion: 42 Resp: 113754

Ion Ratio Lower Upper

42 100

72 47.6 36.4 54.6

71 44.8 33.5 50.3



#30

Chloroform

Concen: 52.710 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX032027.D

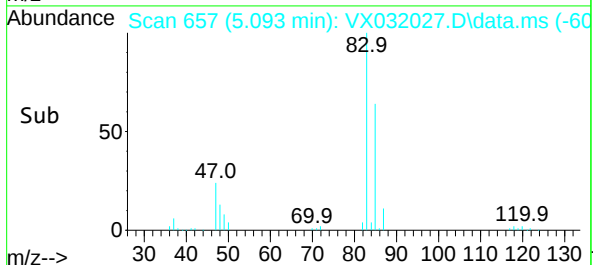
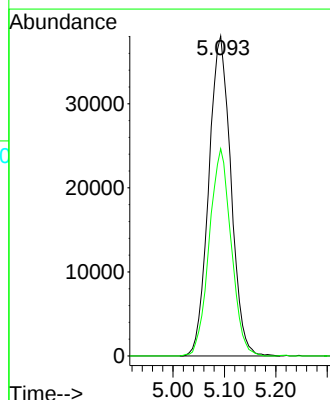
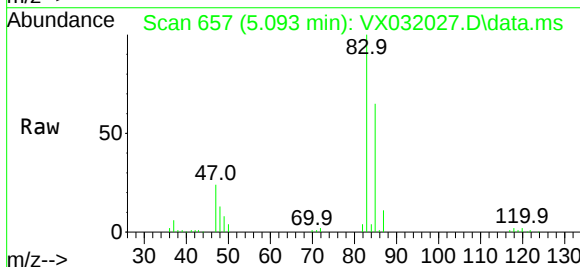
Acq: 11 Oct 2022 11:16

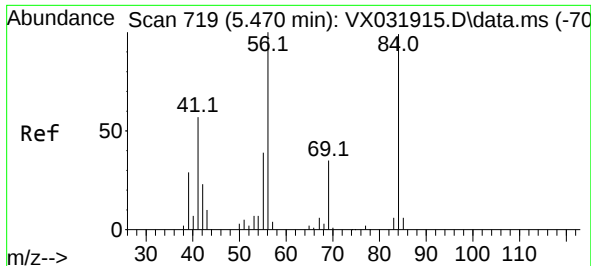
Tgt Ion: 83 Resp: 113794

Ion Ratio Lower Upper

83 100

85 64.7 52.8 79.2

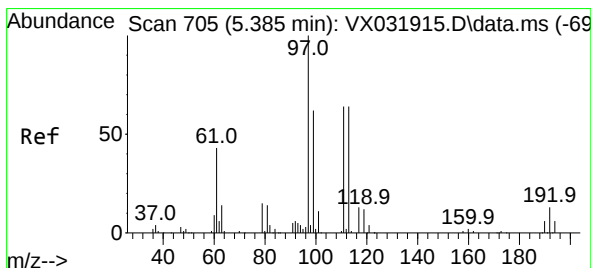
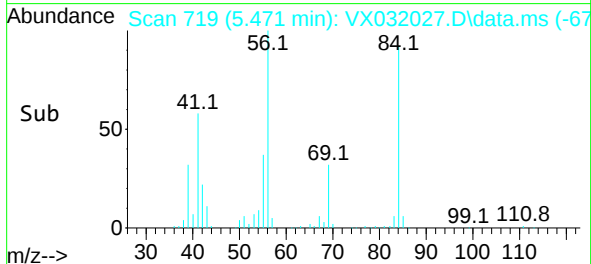
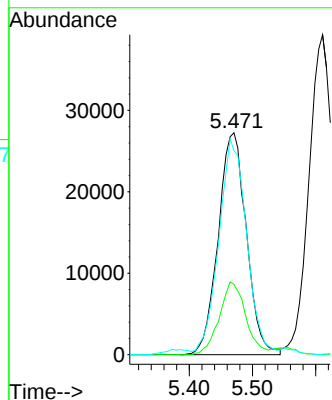
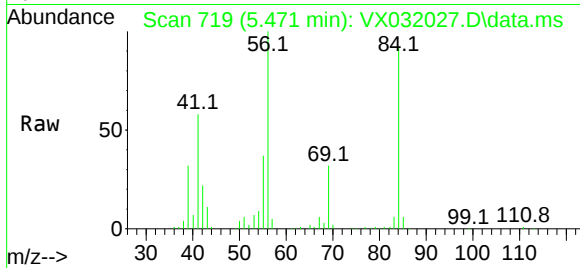




#31
Cyclohexane
Concen: 51.493 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

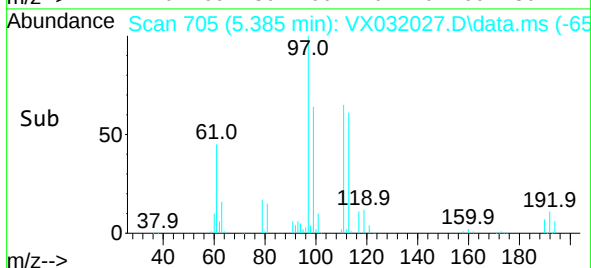
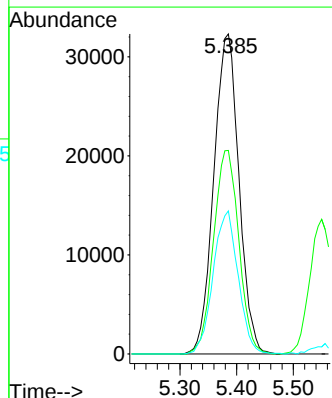
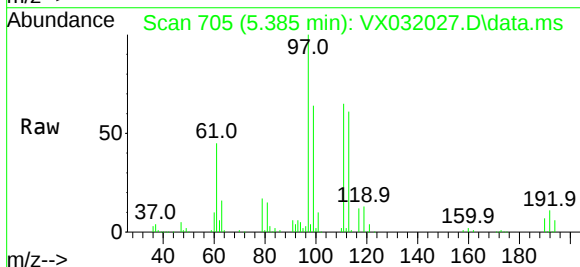
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

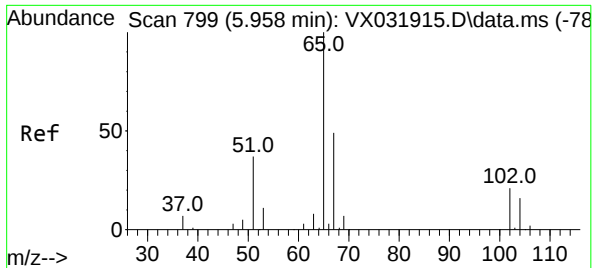
Tgt Ion: 56 Resp: 84304
Ion Ratio Lower Upper
56 100
69 31.7 25.1 37.7
84 89.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 54.233 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 97 Resp: 99494
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 44.5 35.9 53.9

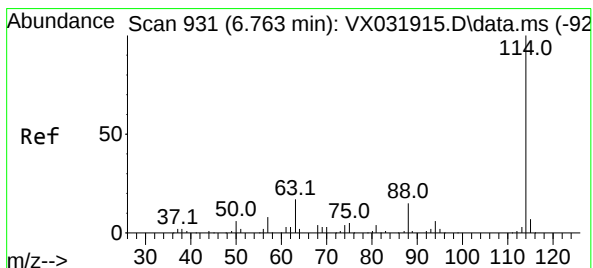
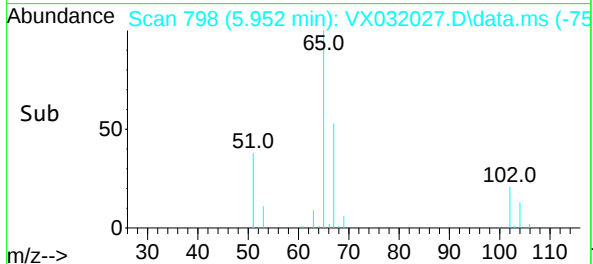
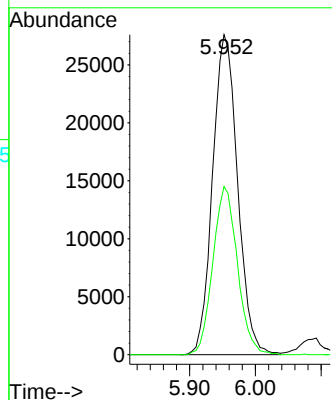
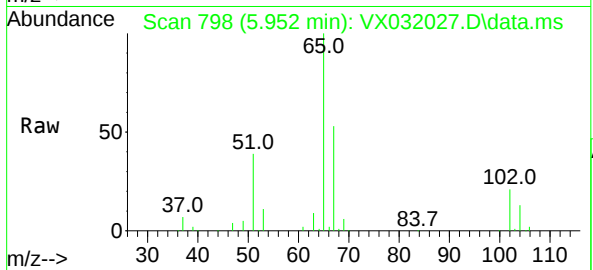




#33
 1,2-Dichloroethane-d4
 Concen: 53.338 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX032027.D
 Acq: 11 Oct 2022 11:16

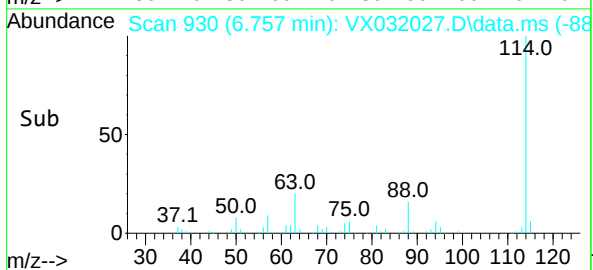
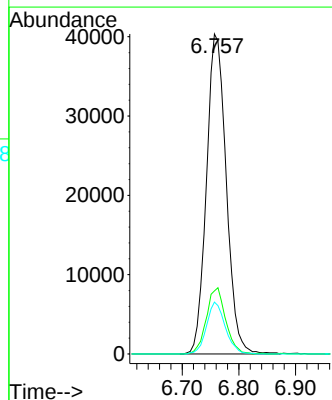
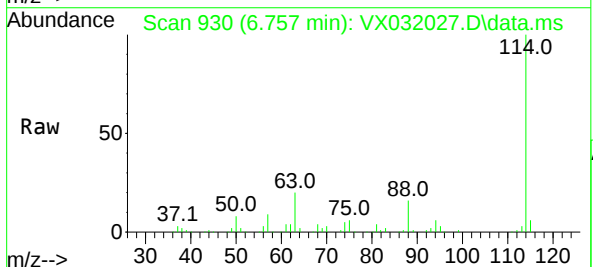
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

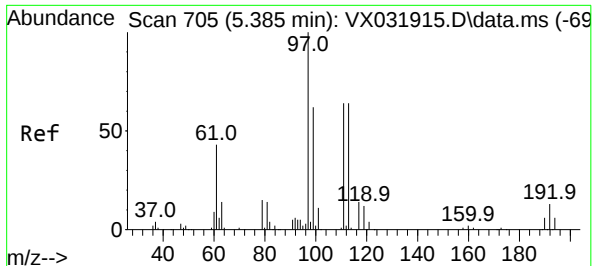
Tgt Ion: 65 Resp: 73099
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX032027.D
 Acq: 11 Oct 2022 11:16

Tgt Ion: 114 Resp: 97920
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.6
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.628 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

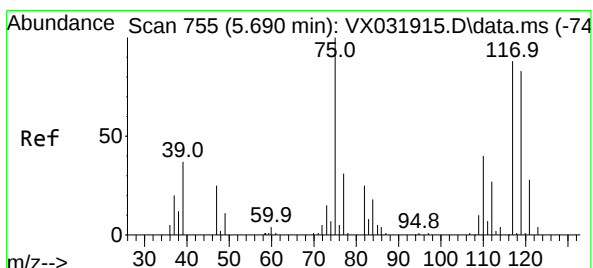
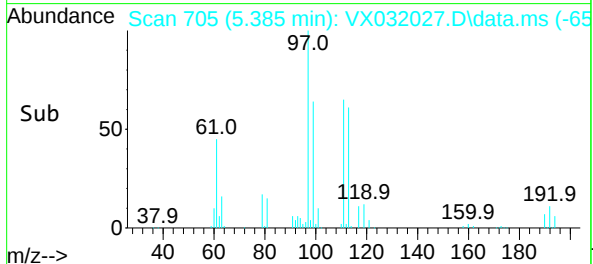
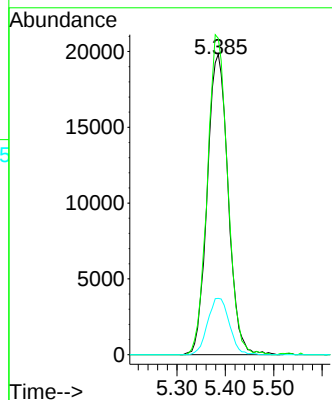
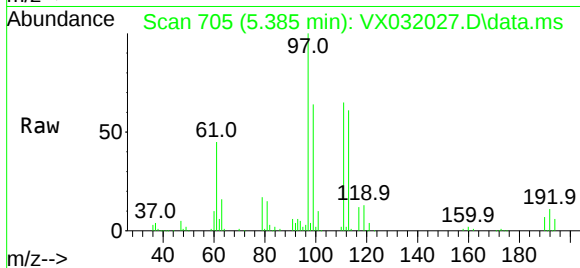
Tgt Ion:113 Resp: 59441

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.5 14.1 21.1



#36

1,1-Dichloropropene

Concen: 53.890 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

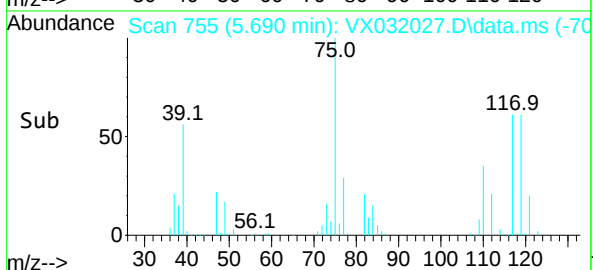
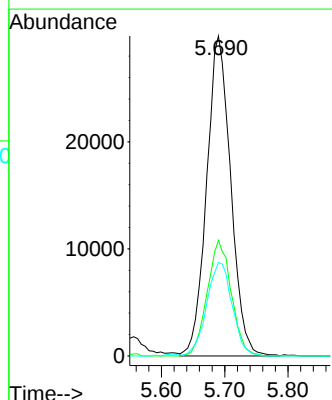
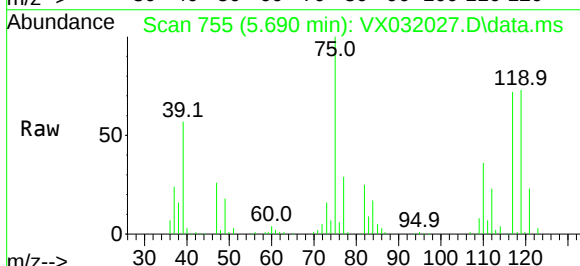
Tgt Ion: 75 Resp: 79207

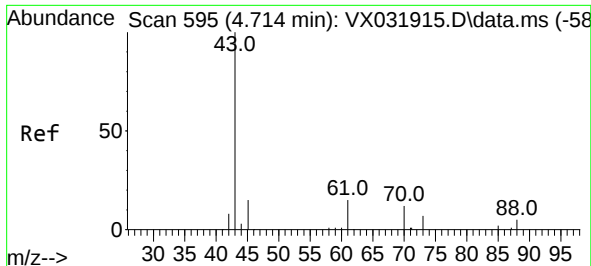
Ion Ratio Lower Upper

75 100

110 36.0 17.5 52.5

77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 54.126 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.005 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

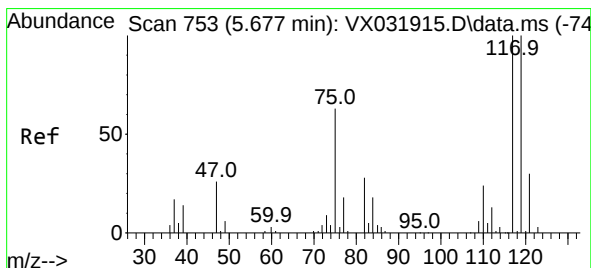
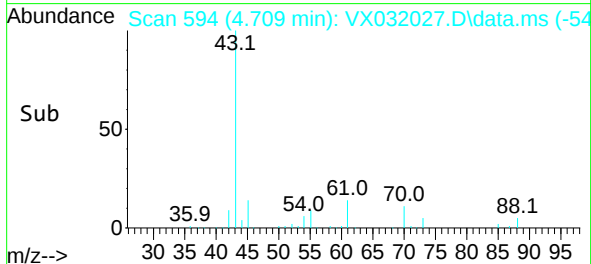
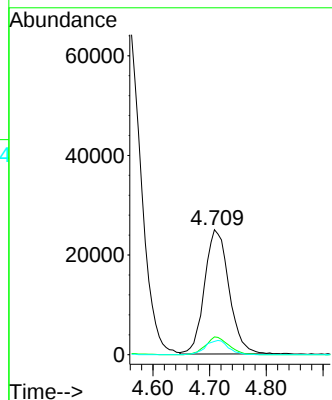
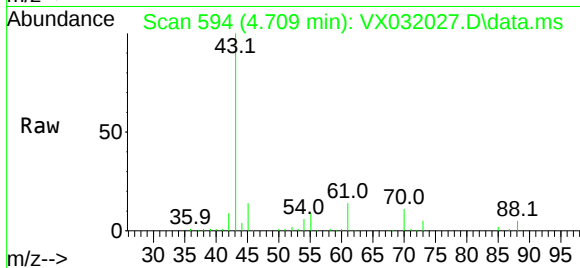
Tgt Ion: 43 Resp: 74897

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

70 10.7 8.6 13.0



#38

Carbon Tetrachloride

Concen: 57.773 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

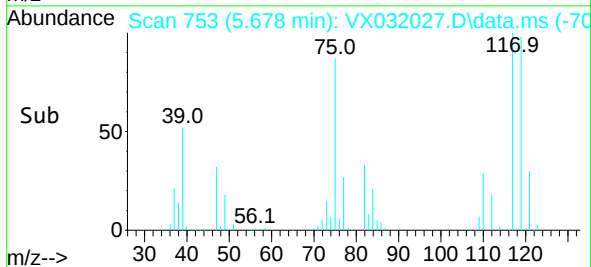
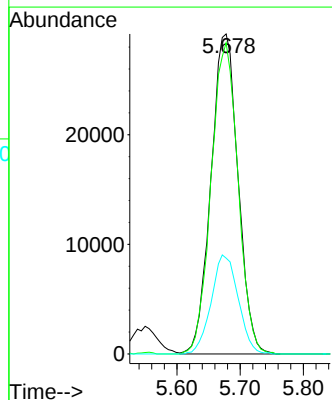
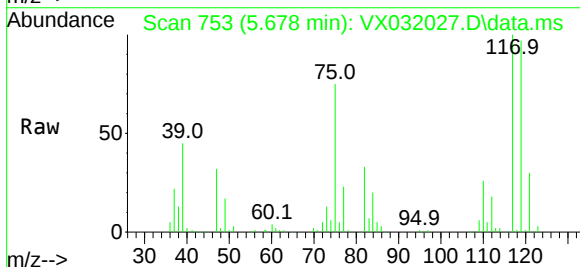
Tgt Ion: 117 Resp: 86824

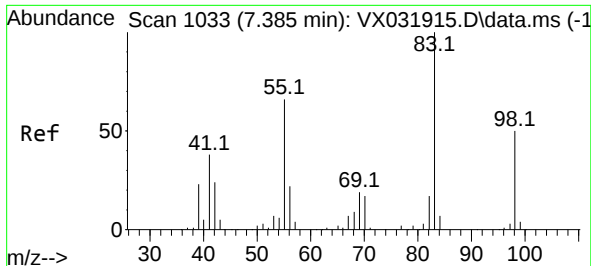
Ion Ratio Lower Upper

117 100

119 97.2 74.6 112.0

121 30.0 25.3 37.9





#39

Methylcyclohexane

Concen: 55.992 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

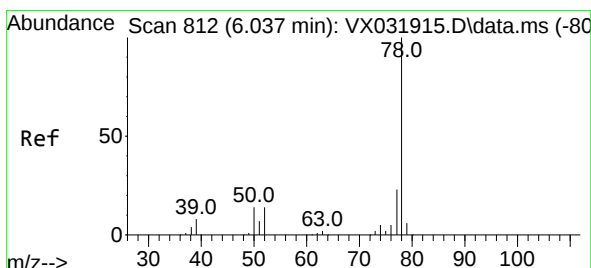
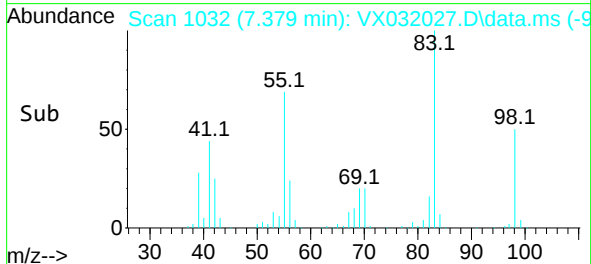
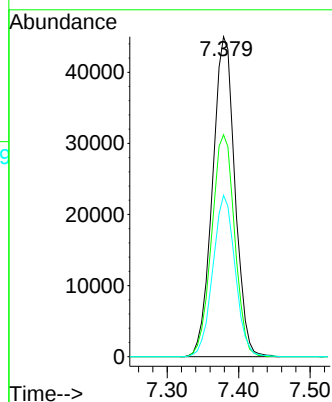
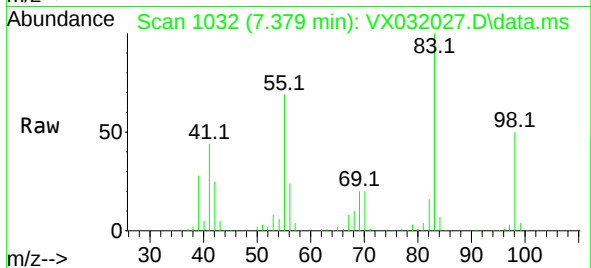
Tgt Ion: 83 Resp: 98163

Ion Ratio Lower Upper

83 100

55 69.4 61.0 91.4

98 50.4 37.7 56.5



#40

Benzene

Concen: 52.868 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX032027.D

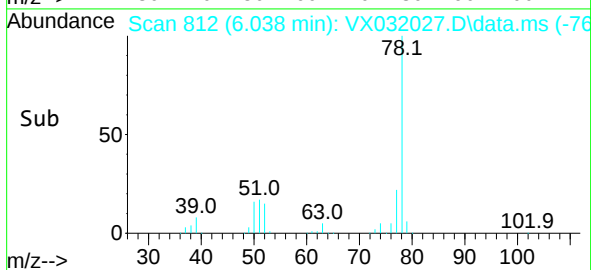
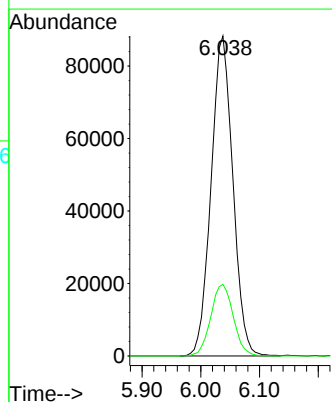
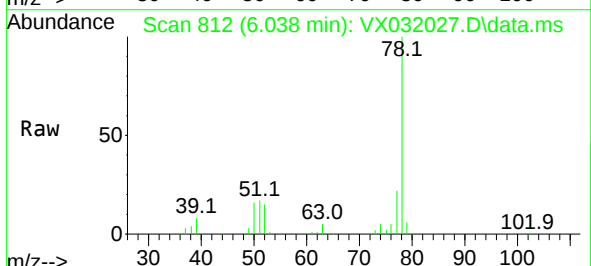
Acq: 11 Oct 2022 11:16

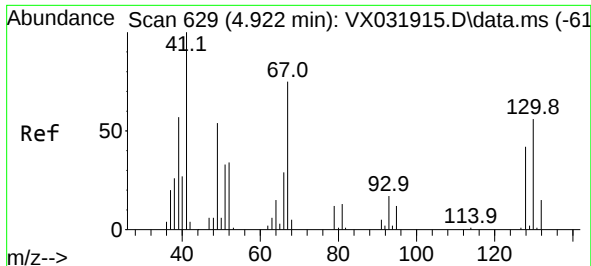
Tgt Ion: 78 Resp: 227537

Ion Ratio Lower Upper

78 100

77 22.4 18.7 28.1



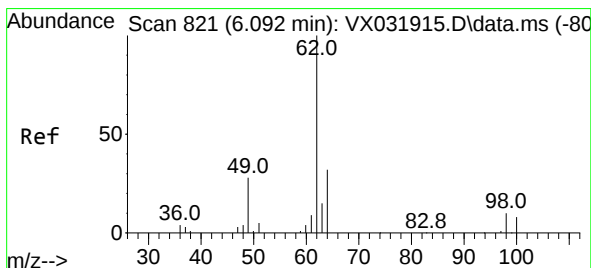
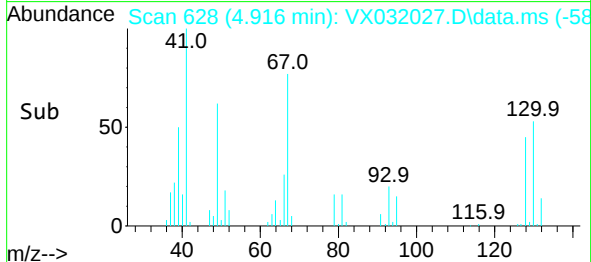
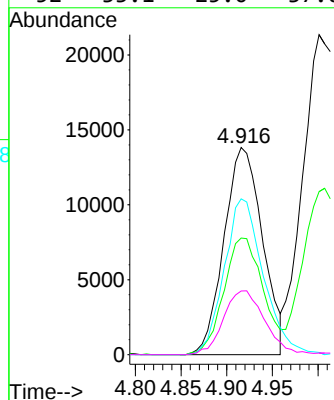
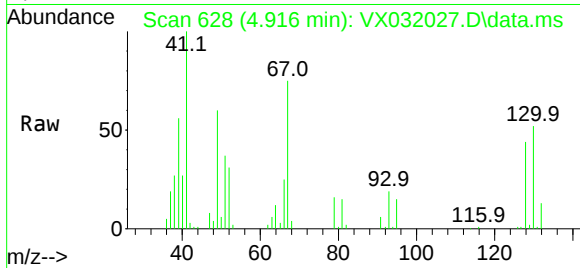


#41
Methacrylonitrile
Concen: 56.257 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 40480

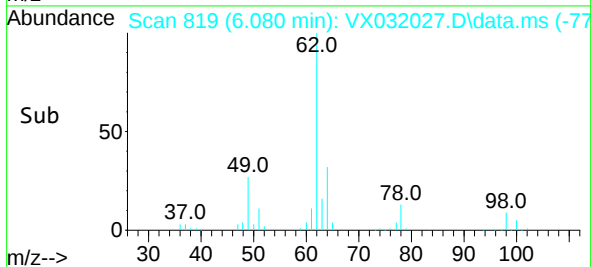
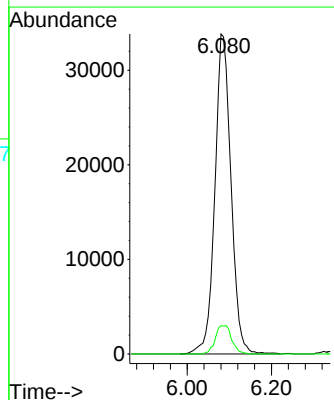
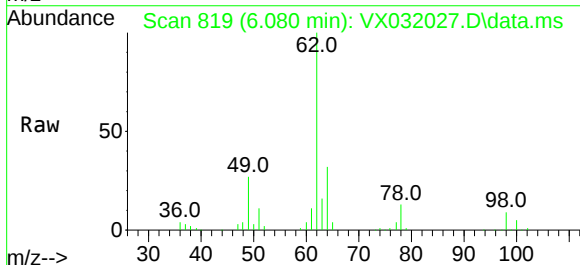
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.0	67.6
67	76.5	58.2	87.4
52	33.1	25.0	37.6

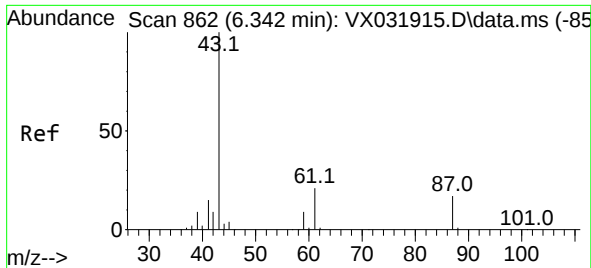


#42
1,2-Dichloroethane
Concen: 57.176 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 62 Resp: 89671

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8

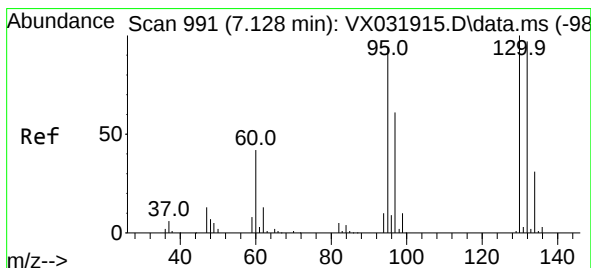
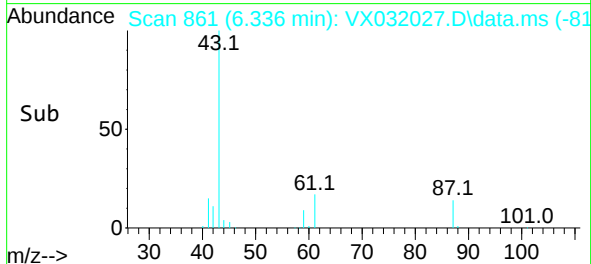
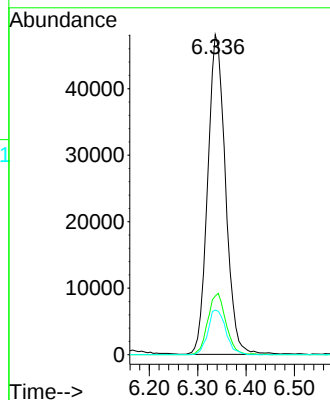
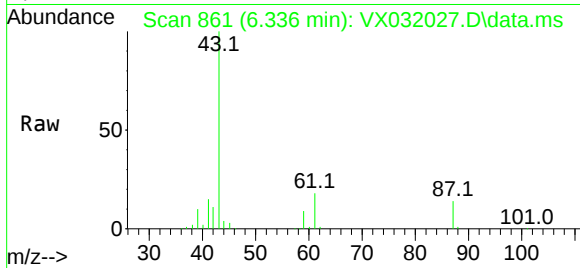




#43
Isopropyl Acetate
Concen: 58.446 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

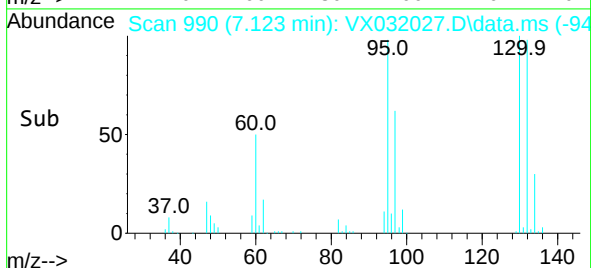
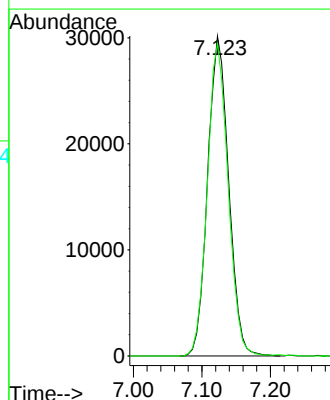
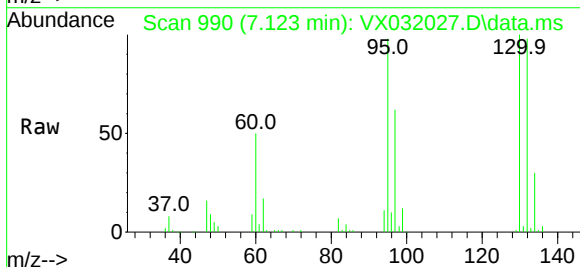
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

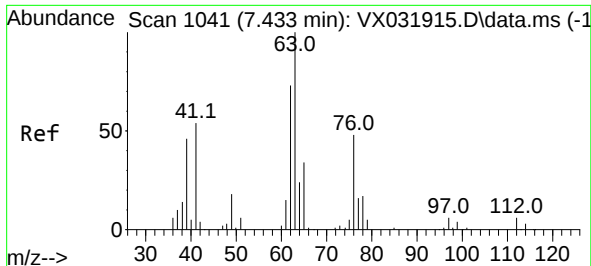
Tgt Ion: 43 Resp: 122706
Ion Ratio Lower Upper
43 100
61 19.4 15.3 22.9
87 14.0 10.6 15.8



#44
Trichloroethene
Concen: 50.966 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:130 Resp: 64317
Ion Ratio Lower Upper
130 100
95 97.6 0.0 206.8





#45

1,2-Dichloropropane

Concen: 56.167 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.005 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

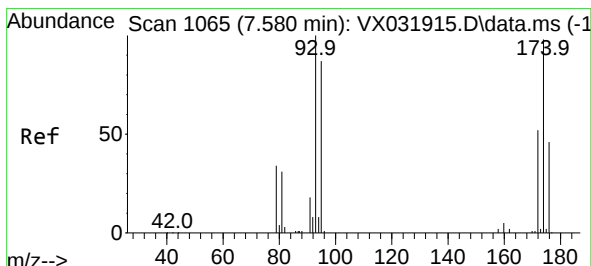
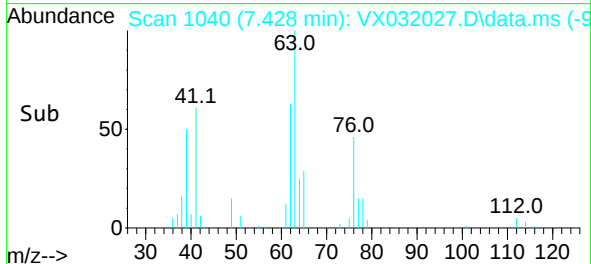
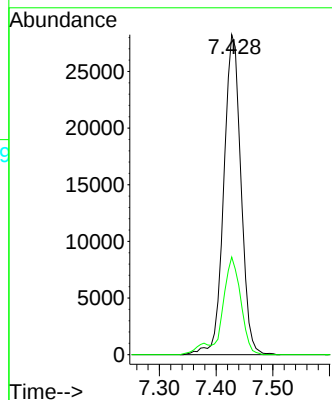
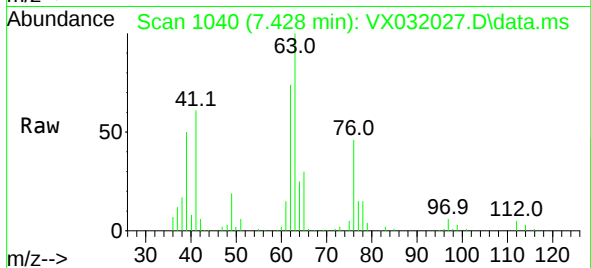
VSTDCCC050

Tgt Ion: 63 Resp: 59407

Ion Ratio Lower Upper

63 100

65 30.5 26.6 39.8



#46

Dibromomethane

Concen: 53.568 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

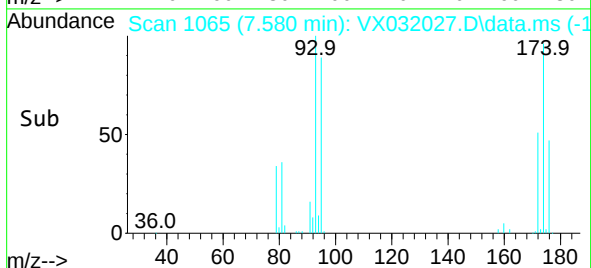
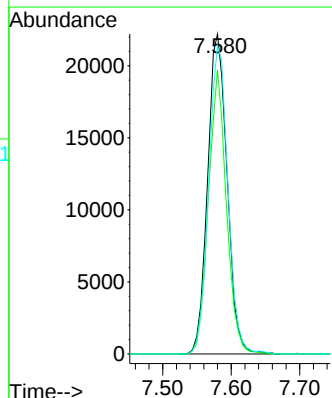
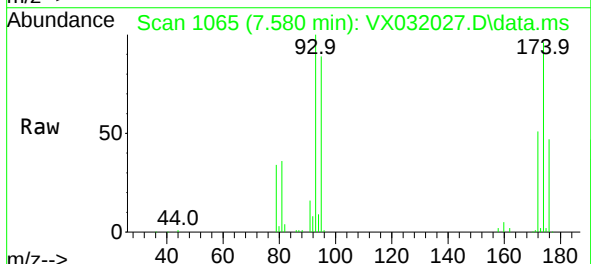
Tgt Ion: 93 Resp: 43910

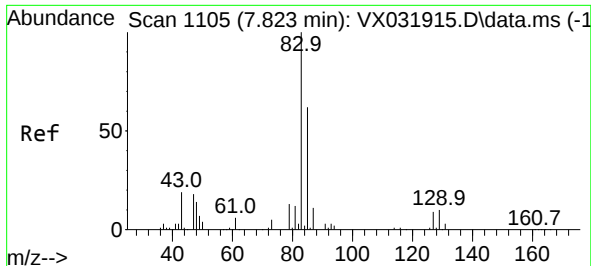
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

174 94.9 67.6 101.4

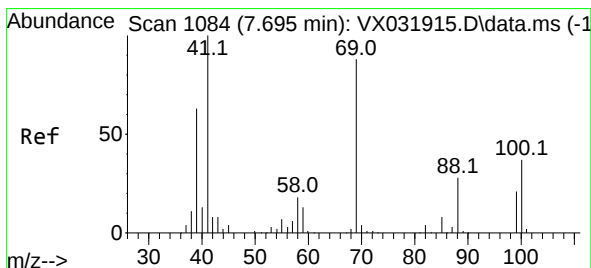
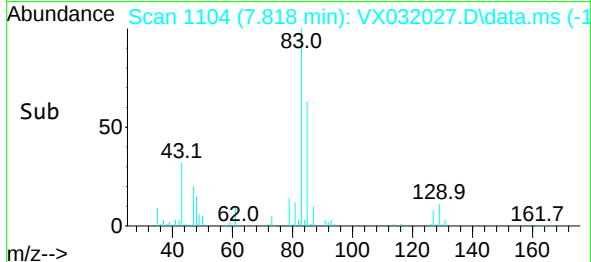
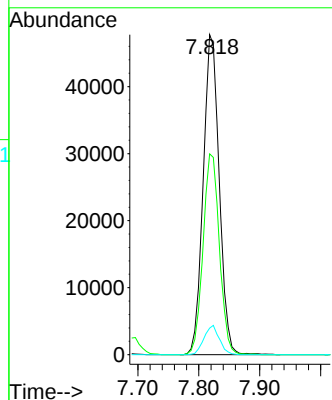
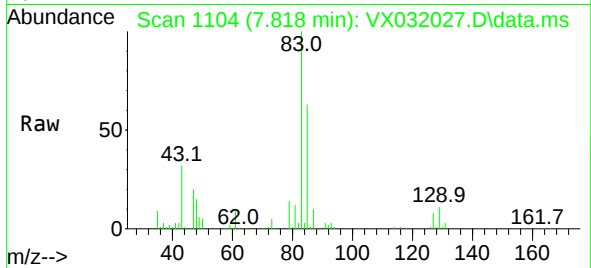




#47
Bromodichloromethane
Concen: 61.732 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

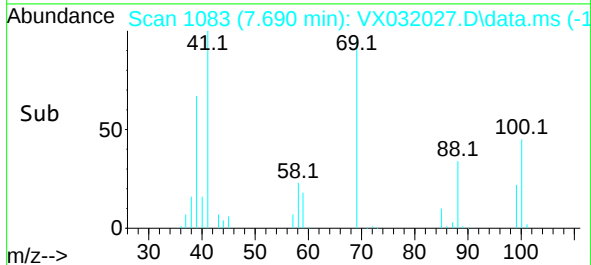
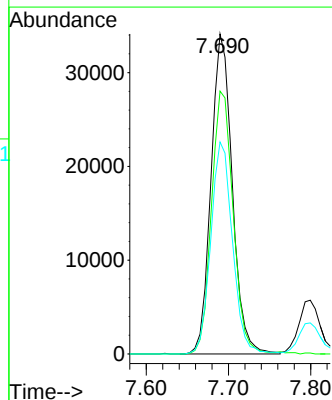
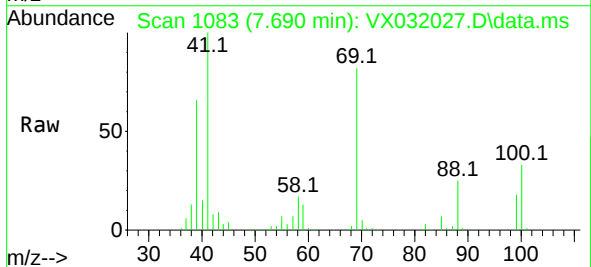
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

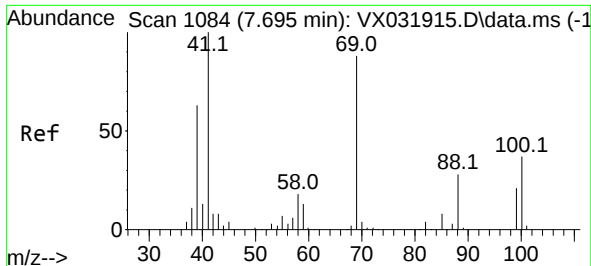
Tgt Ion: 83	Resp:	87415
Ion Ratio	Lower	Upper
83	100	
85	62.7	51.0 76.6
127	8.3	7.0 10.6



#48
Methyl methacrylate
Concen: 61.001 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 41	Resp:	61198
Ion Ratio	Lower	Upper
41	100	
69	83.8	64.6 96.8
39	67.6	51.4 77.0





#49

1,4-Dioxane

Concen: 985.635 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.011 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

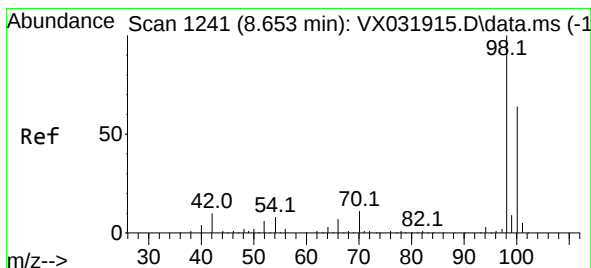
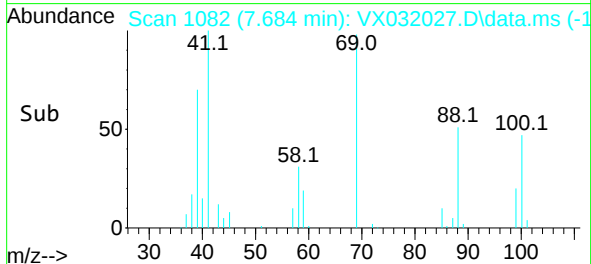
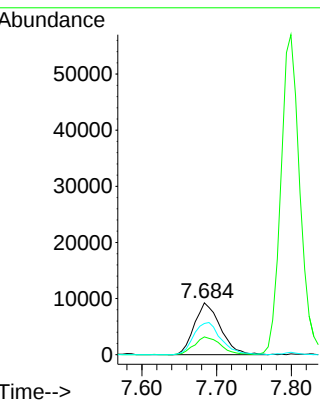
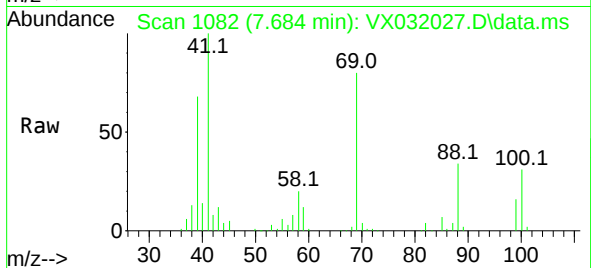
Tgt Ion: 88 Resp: 22391

Ion Ratio Lower Upper

88 100

43 34.7 27.1 40.7

58 65.0 53.9 80.9



#50

Toluene-d8

Concen: 55.066 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032027.D

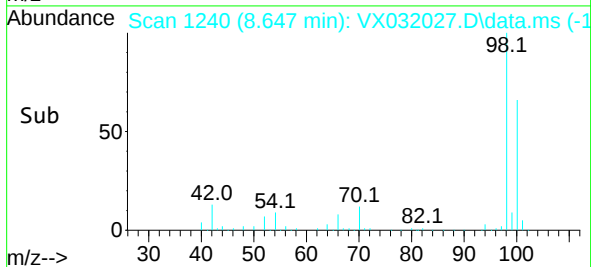
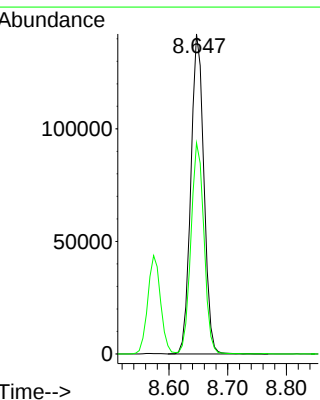
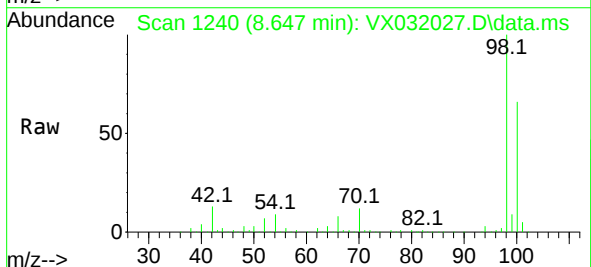
Acq: 11 Oct 2022 11:16

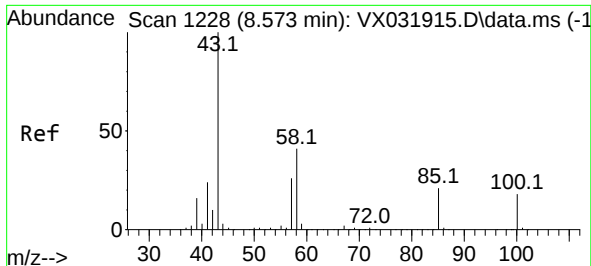
Tgt Ion: 98 Resp: 219626

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 280.529 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

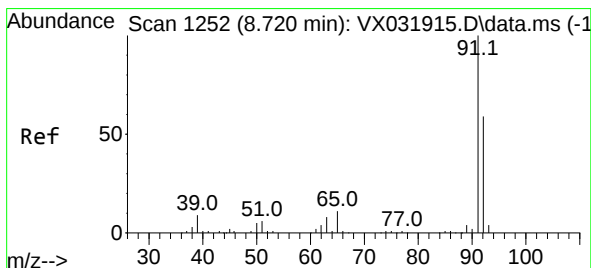
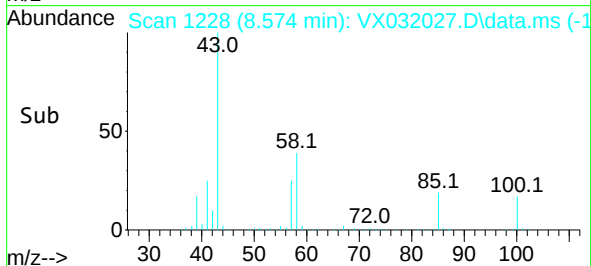
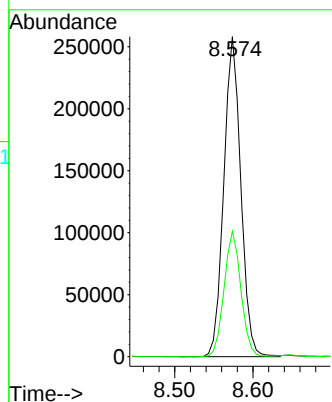
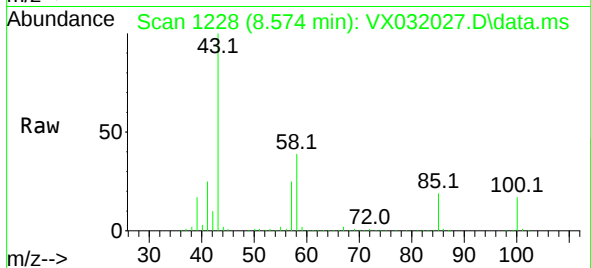
VSTDCCC050

Tgt Ion: 43 Resp: 390296

Ion Ratio Lower Upper

43 100

58 38.8 30.6 46.0



#52

Toluene

Concen: 54.371 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX032027.D

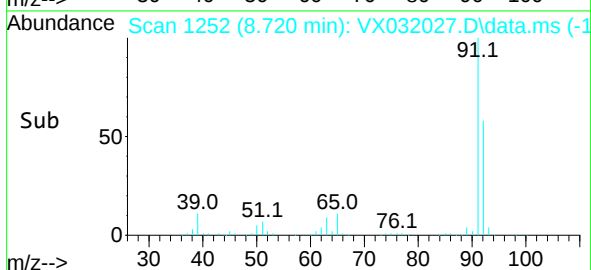
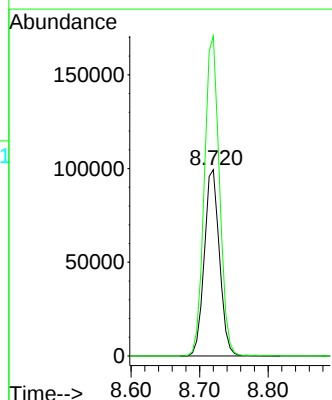
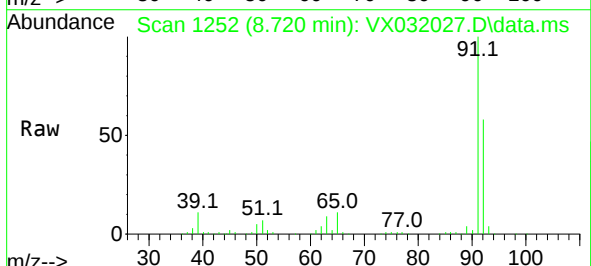
Acq: 11 Oct 2022 11:16

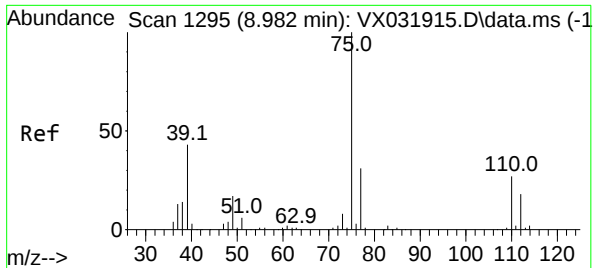
Tgt Ion: 92 Resp: 153000

Ion Ratio Lower Upper

92 100

91 171.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 57.208 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

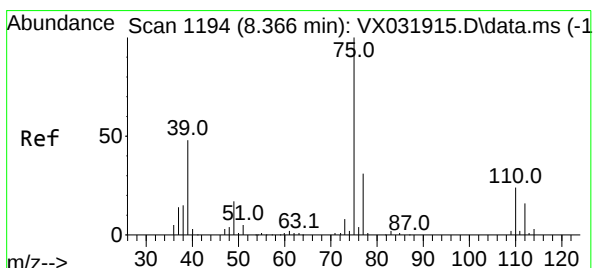
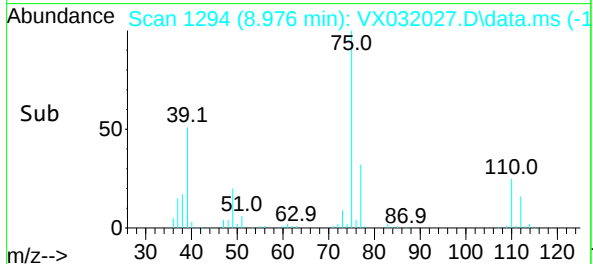
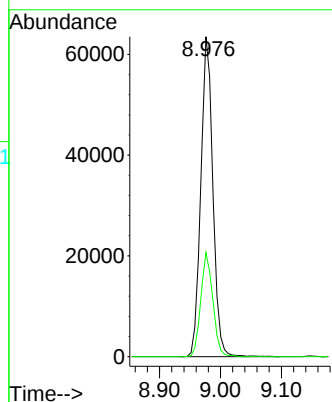
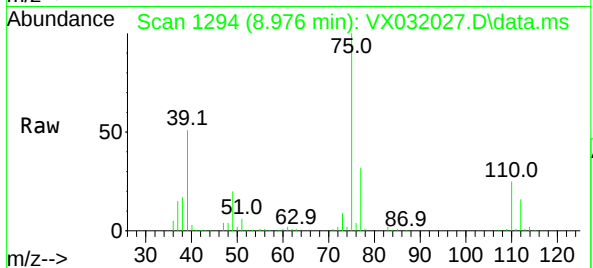
VSTDCCC050

Tgt Ion: 75 Resp: 87476

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 62.060 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

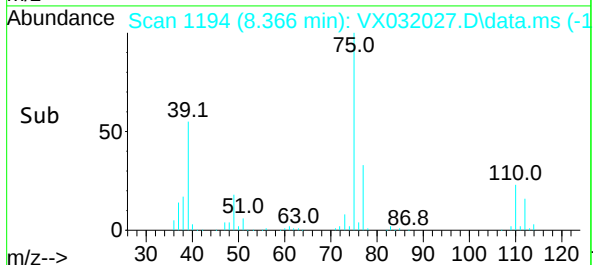
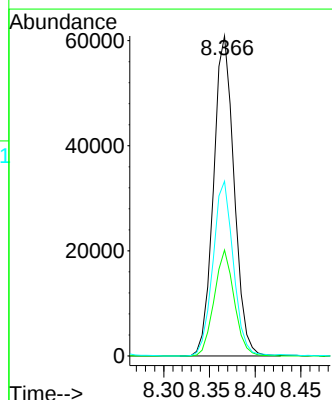
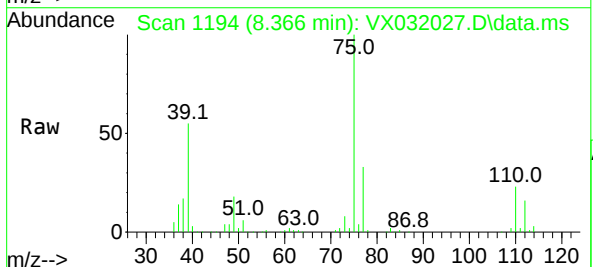
Tgt Ion: 75 Resp: 95171

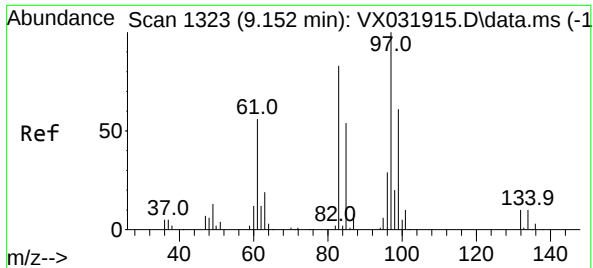
Ion Ratio Lower Upper

75 100

77 33.1 24.4 36.6

39 54.6 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 52.853 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 62773

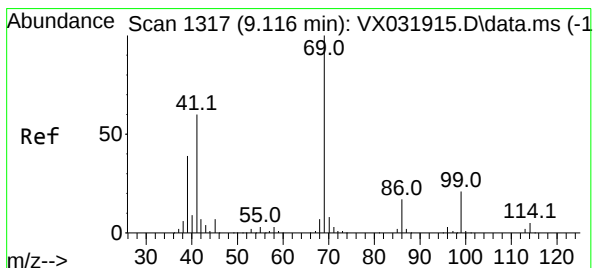
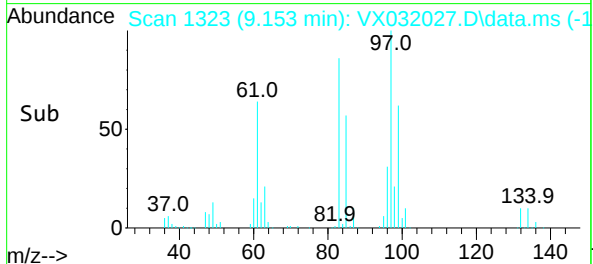
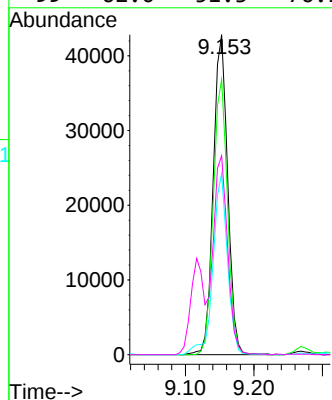
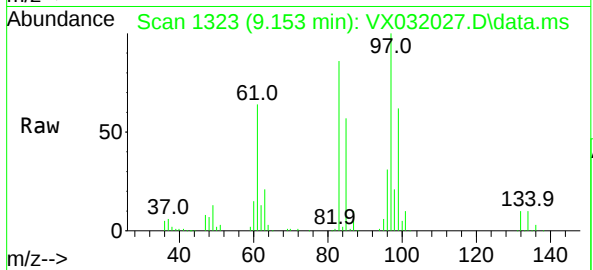
Ion Ratio Lower Upper

97 100

83 86.0 69.0 103.6

85 56.6 44.1 66.1

99 62.0 51.3 76.9



#56

Ethyl methacrylate

Concen: 60.199 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

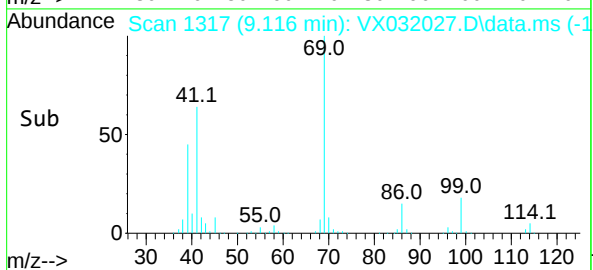
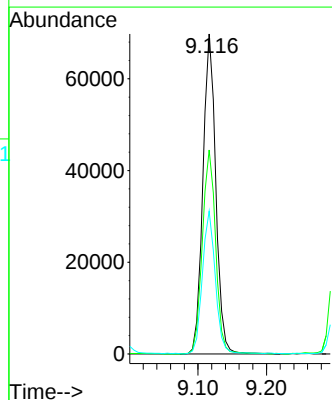
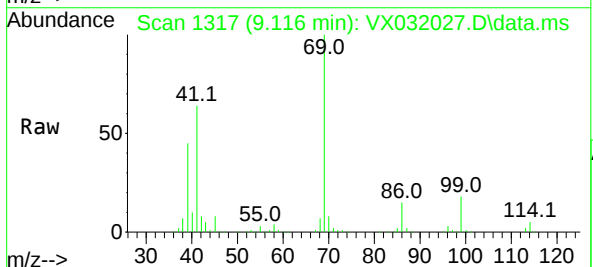
Tgt Ion: 69 Resp: 91648

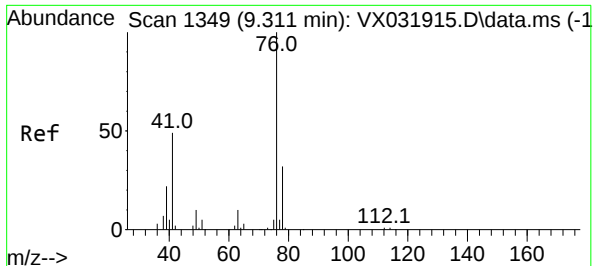
Ion Ratio Lower Upper

69 100

41 65.9 54.2 81.4

39 45.3 34.2 51.2





#57

1,3-Dichloropropane

Concen: 54.964 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

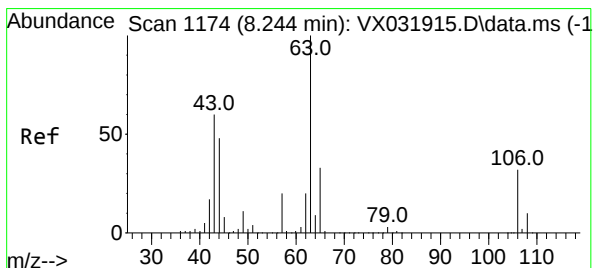
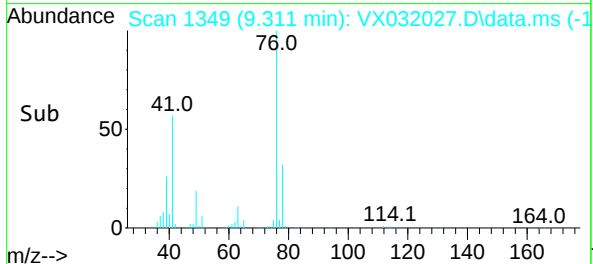
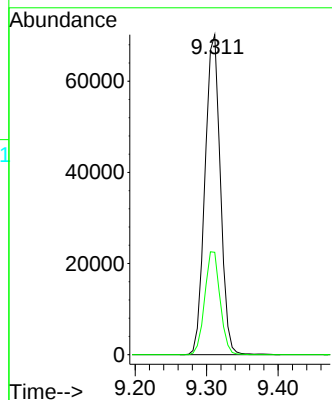
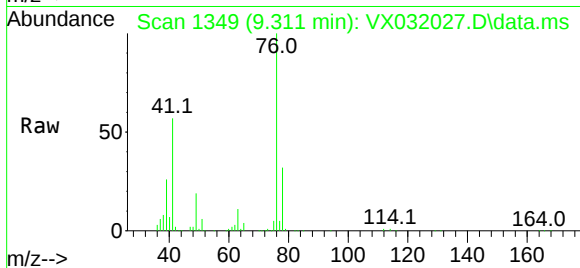
VSTDCCC050

Tgt Ion: 76 Resp: 104902

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 287.972 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032027.D

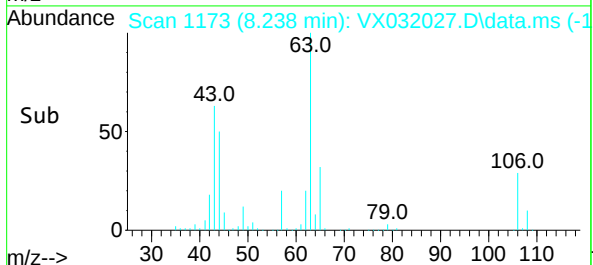
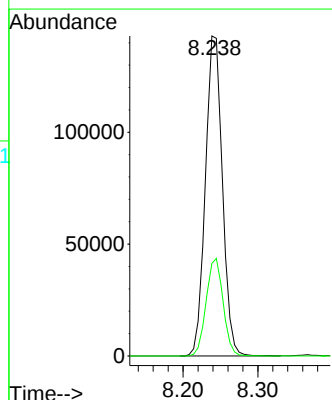
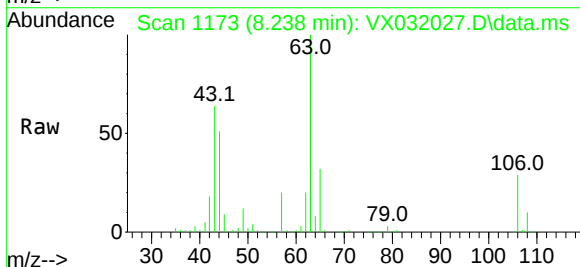
Acq: 11 Oct 2022 11:16

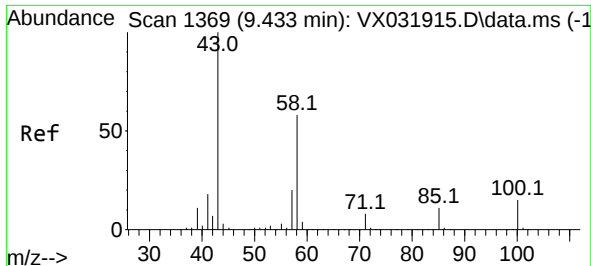
Tgt Ion: 63 Resp: 226310

Ion Ratio Lower Upper

63 100

106 30.3 22.6 34.0

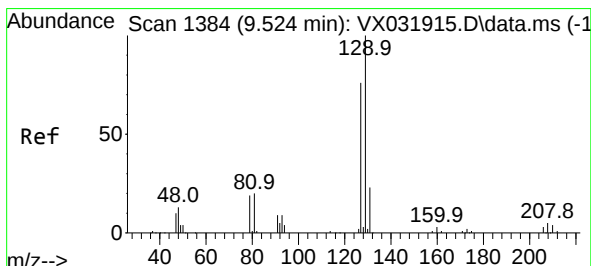
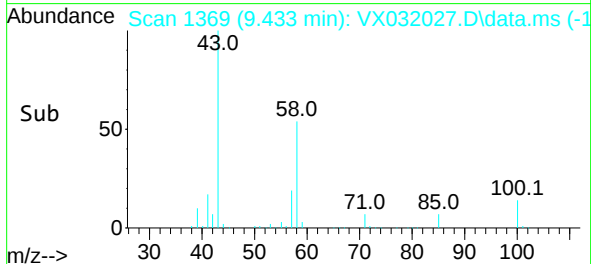
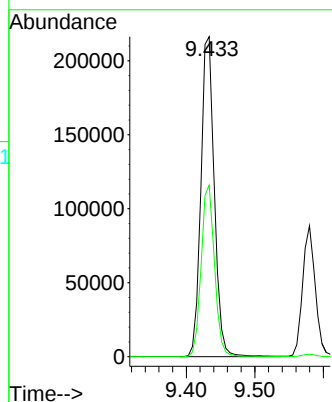
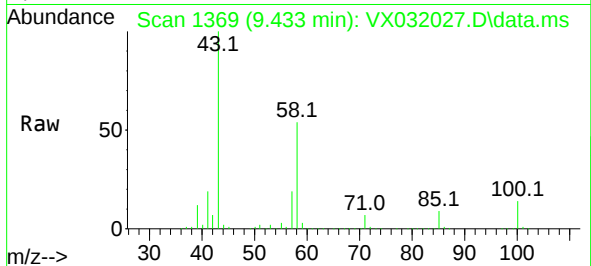




#59
2-Hexanone
Concen: 288.199 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

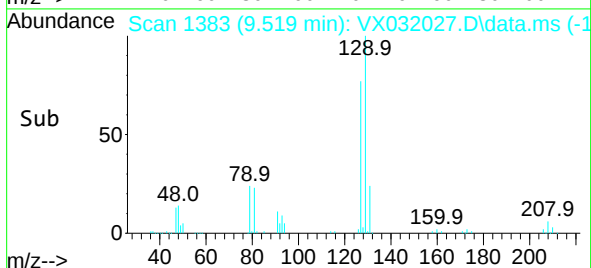
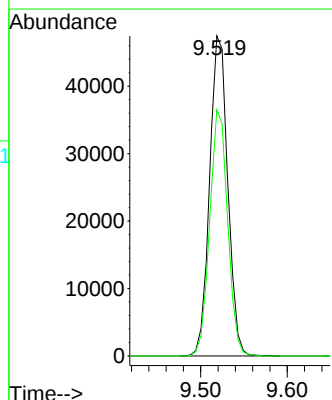
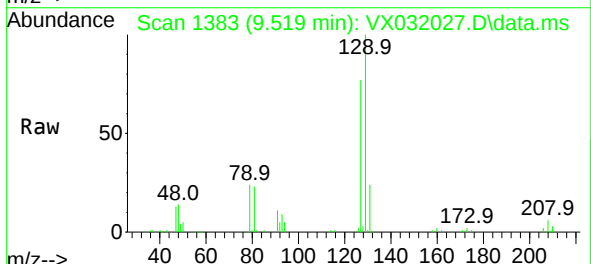
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

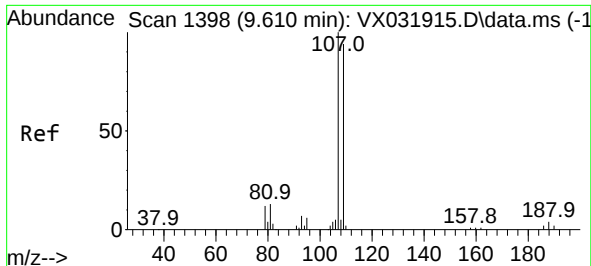
Tgt Ion: 43 Resp: 295648
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0



#60
Dibromochloromethane
Concen: 63.512 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 129 Resp: 69034
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

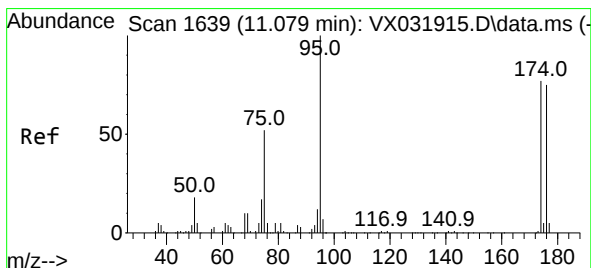
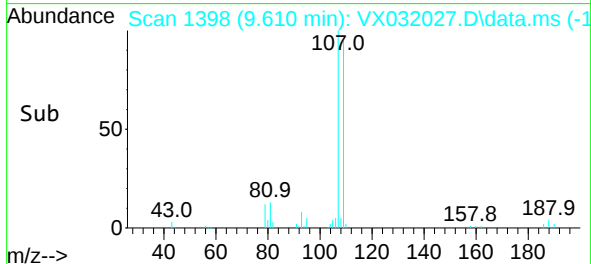
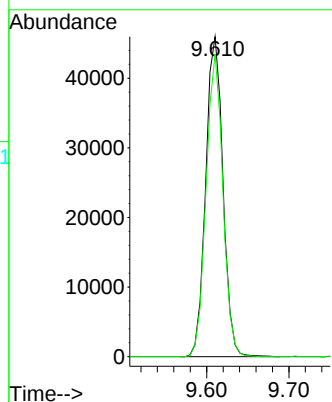
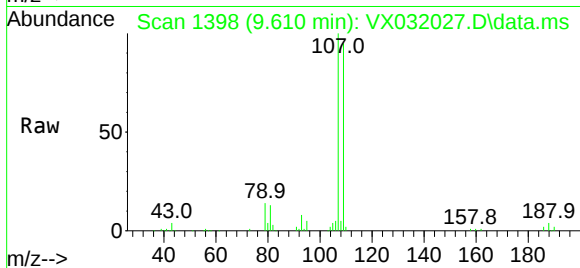




#61
1,2-Dibromoethane
Concen: 55.951 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

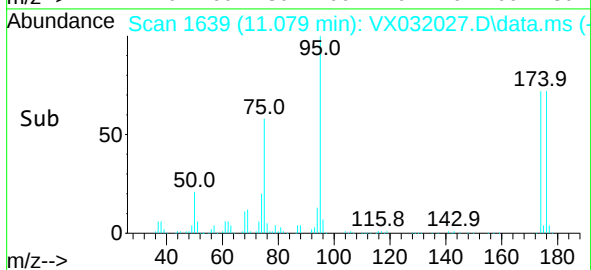
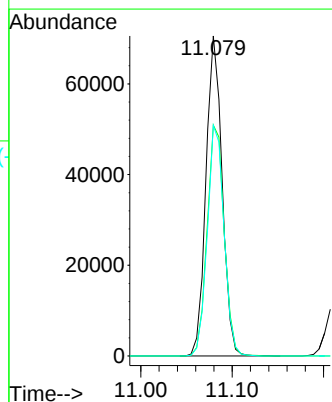
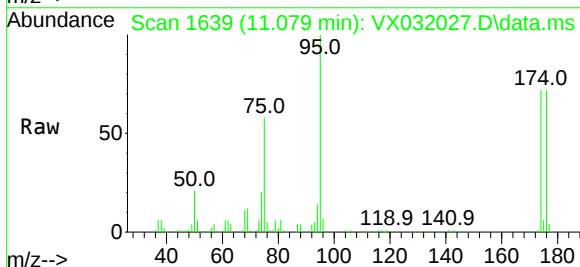
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

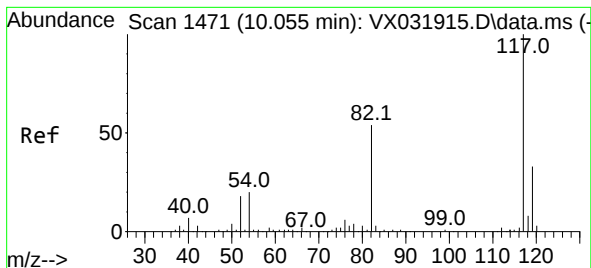
Tgt Ion:107 Resp: 66827
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 61.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 95 Resp: 86172
Ion Ratio Lower Upper
95 100
174 76.1 0.0 153.2
176 74.4 0.0 144.0

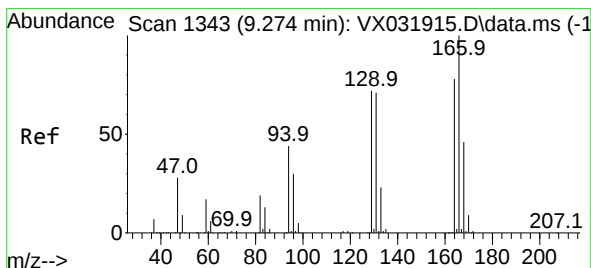
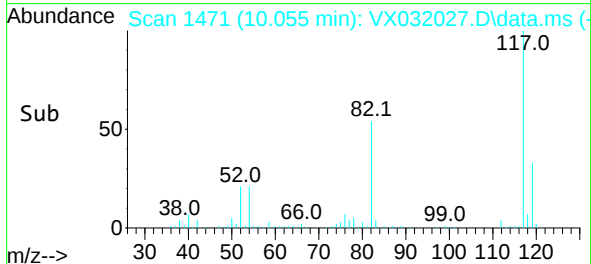
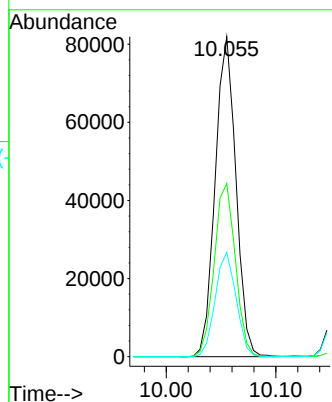
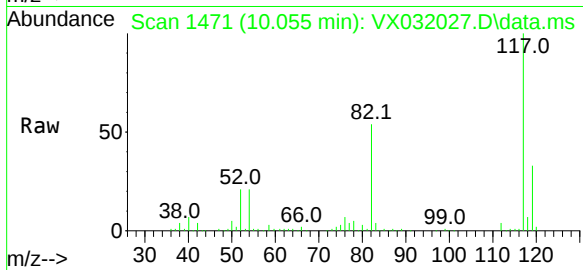




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

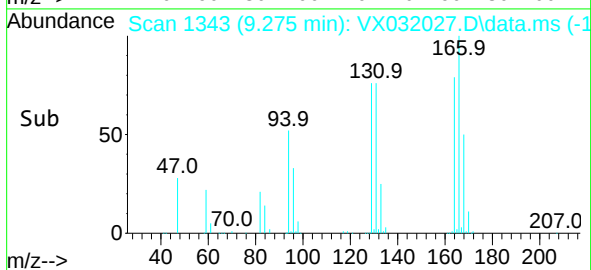
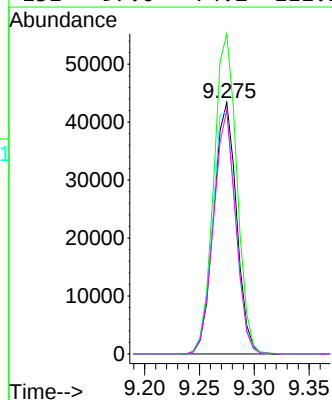
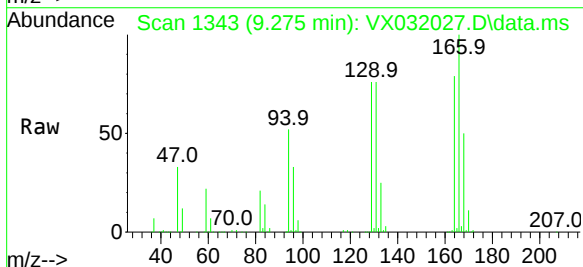
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

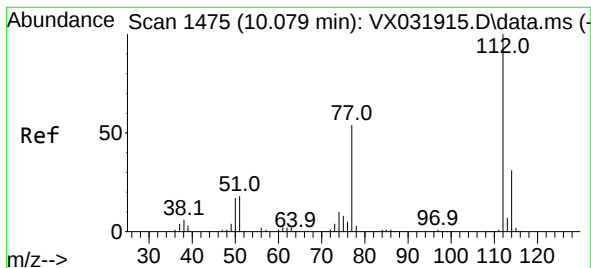
Tgt Ion:117 Resp: 107819
Ion Ratio Lower Upper
117 100
82 54.1 46.8 70.2
119 32.6 26.4 39.6



#64
Tetrachloroethene
Concen: 51.446 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:164 Resp: 62623
Ion Ratio Lower Upper
164 100
166 127.3 99.0 148.4
129 96.5 78.0 117.0
131 97.0 74.2 111.2

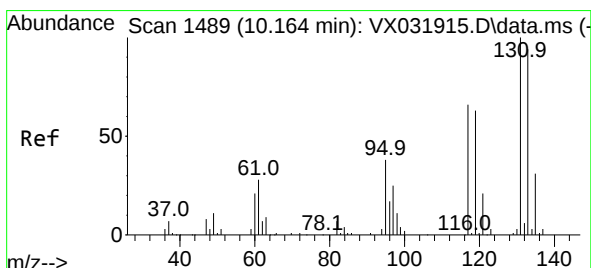
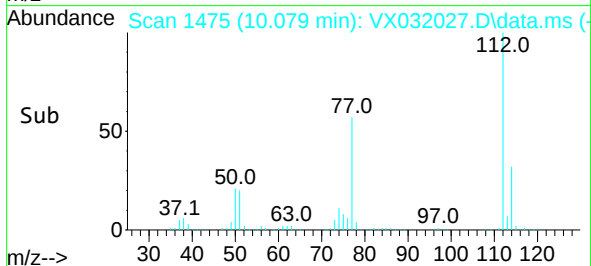
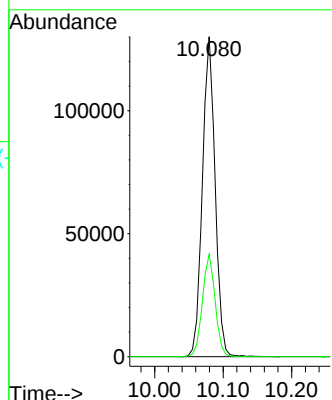
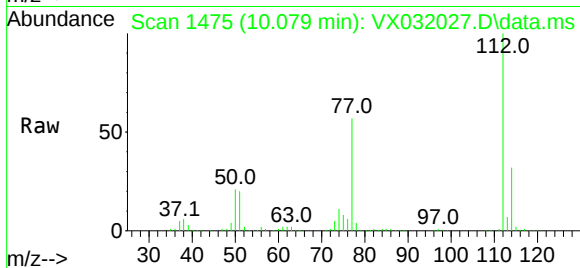




#65
Chlorobenzene
Concen: 51.529 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

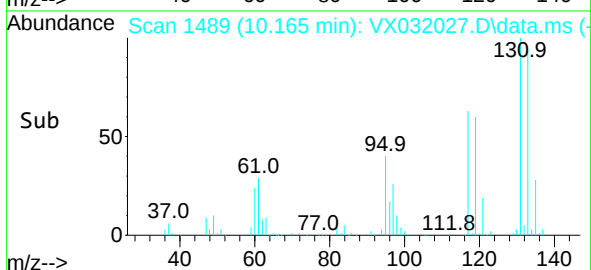
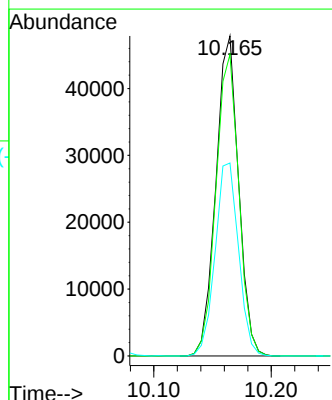
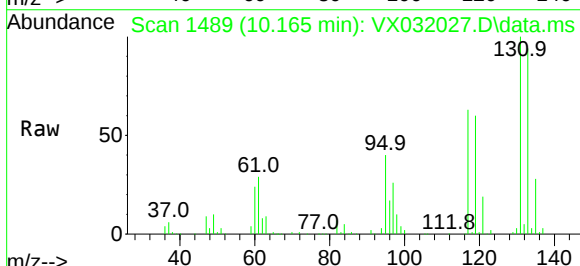
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

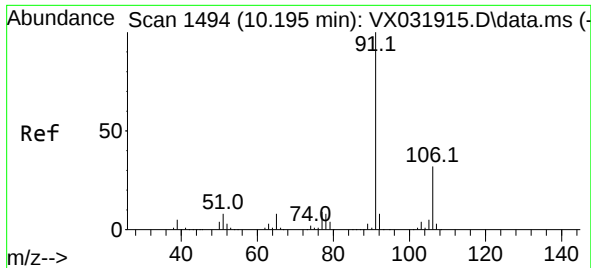
Tgt Ion:112 Resp: 168341
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 56.823 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:131 Resp: 64234
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.7
119 62.3 31.9 95.9

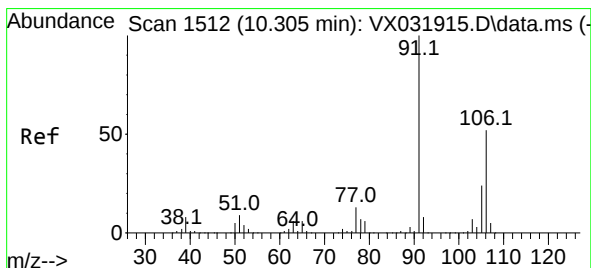
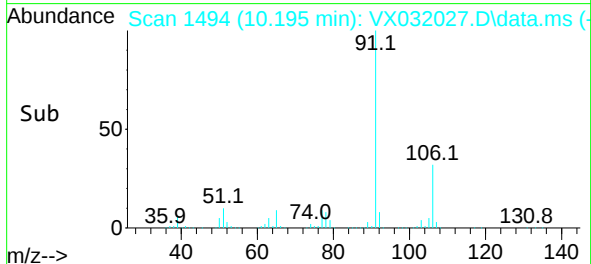
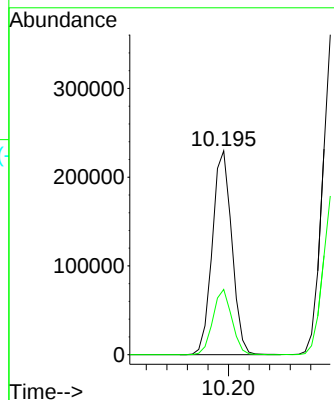
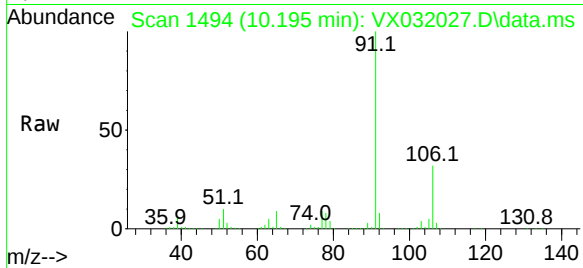




#67
Ethyl Benzene
Concen: 54.723 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

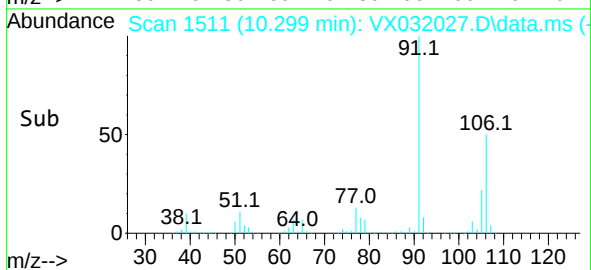
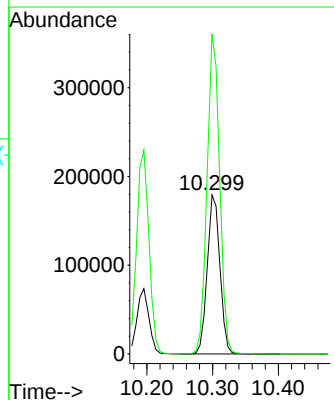
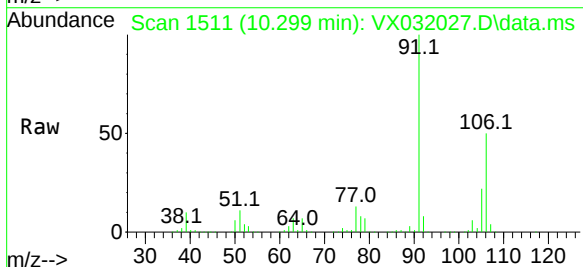
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

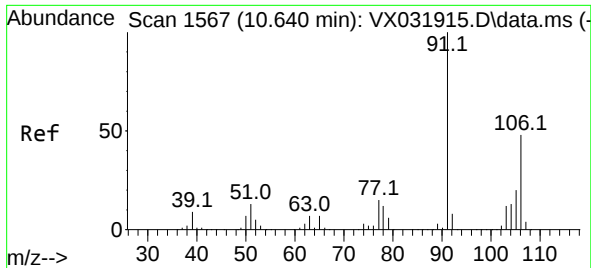
Tgt Ion: 91 Resp: 302440
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 109.410 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 106 Resp: 240293
Ion Ratio Lower Upper
106 100
91 200.0 161.0 241.4

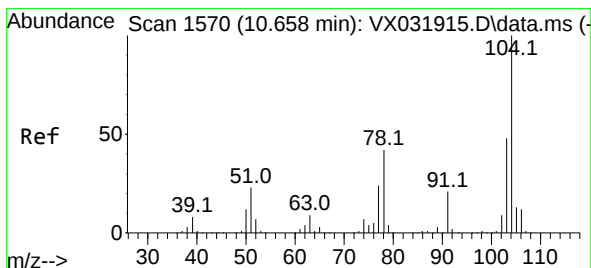
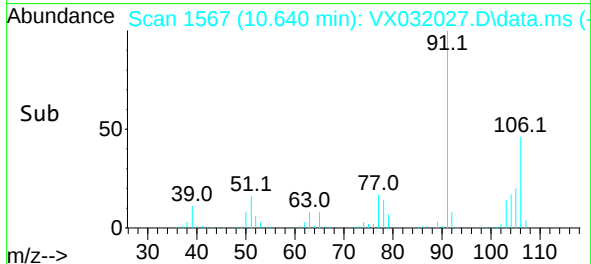
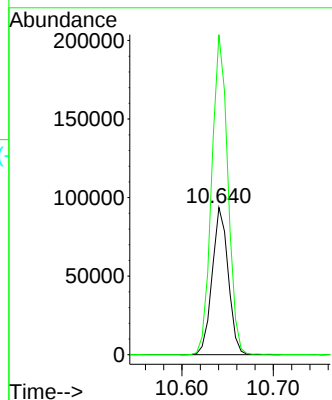
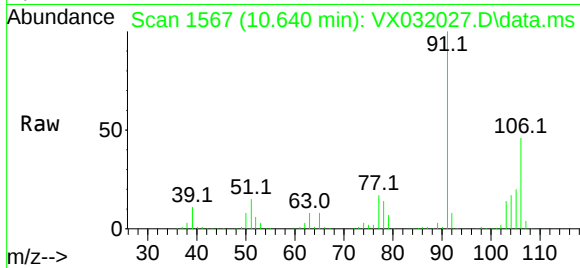




#69
o-Xylene
Concen: 53.355 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

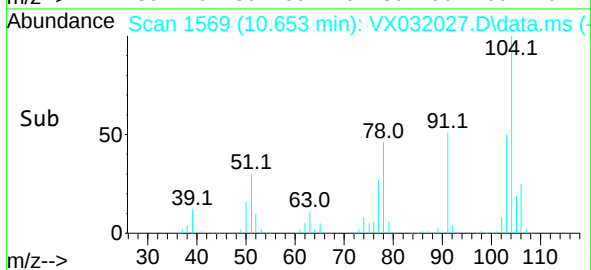
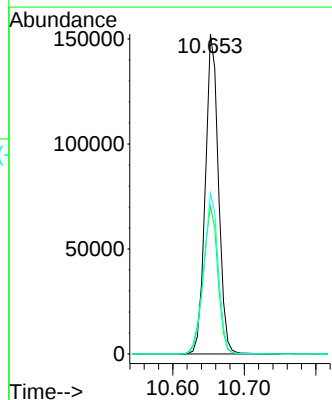
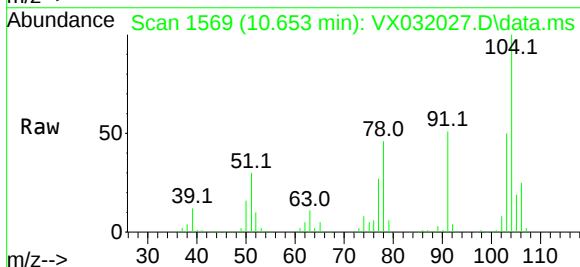
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

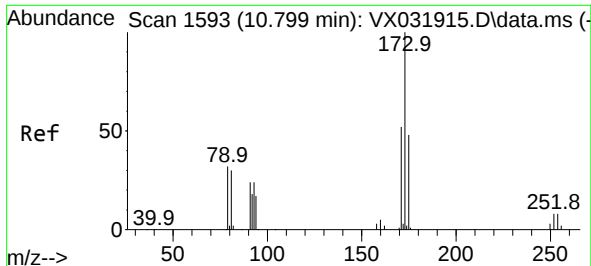
Tgt Ion:106 Resp: 113897
Ion Ratio Lower Upper
106 100
91 219.3 107.2 321.6



#70
Styrene
Concen: 56.985 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:104 Resp: 194467
Ion Ratio Lower Upper
104 100
78 52.0 41.4 62.2
103 54.7 43.8 65.8

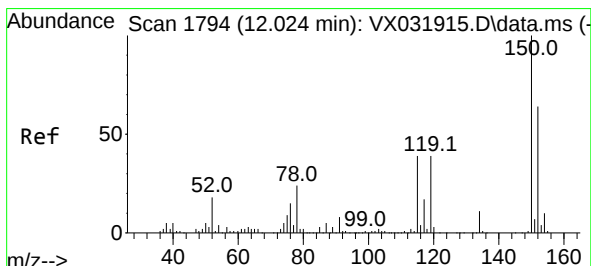
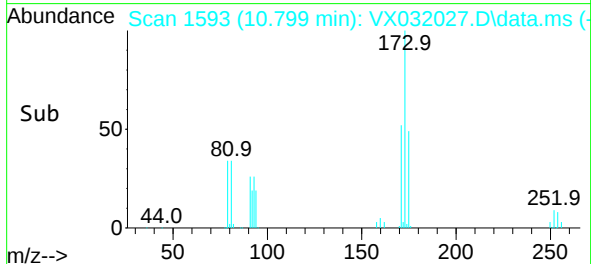
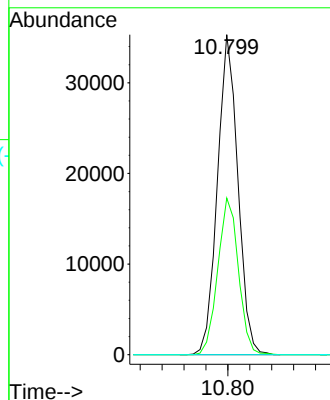
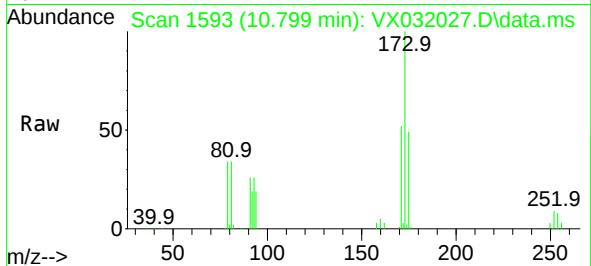




#71
Bromoform
Concen: 61.777 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

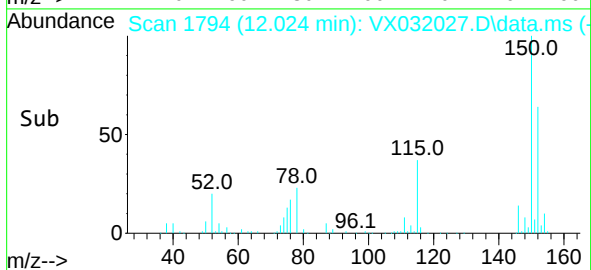
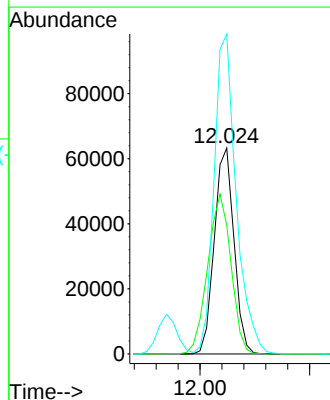
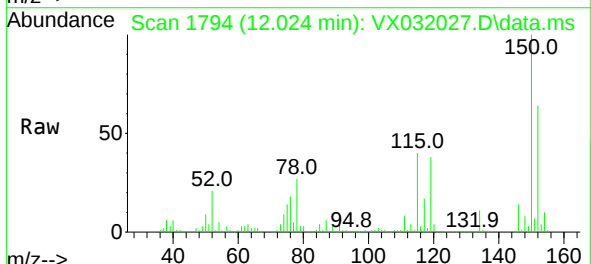
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

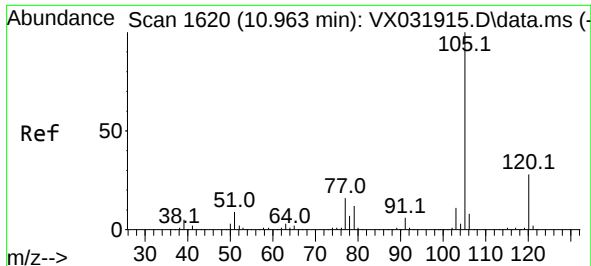
Tgt Ion:173 Resp: 45717
Ion Ratio Lower Upper
173 100
175 49.5 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:152 Resp: 78718
Ion Ratio Lower Upper
152 100
115 92.0 43.4 130.1
150 174.5 0.0 346.8

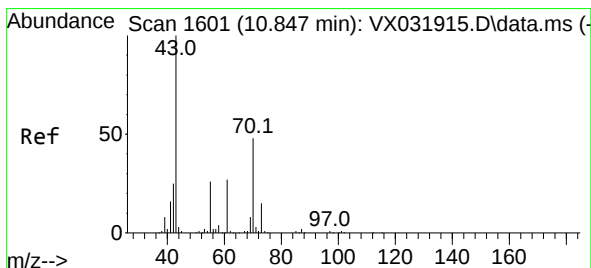
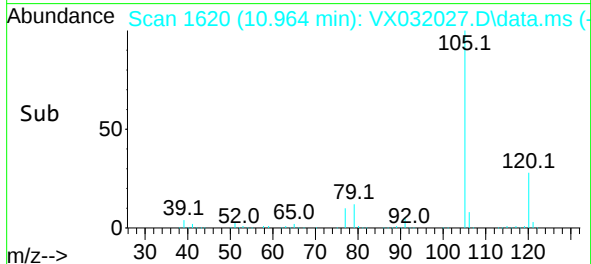
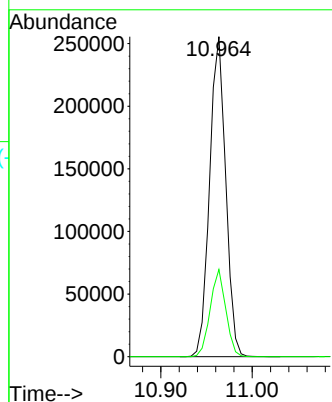
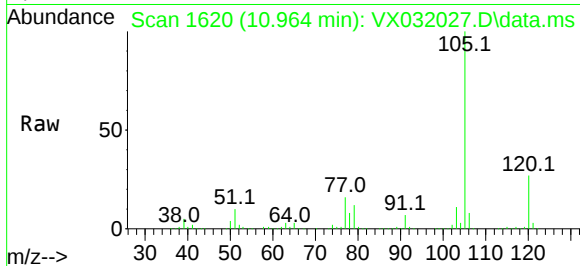




#73
Isopropylbenzene
Concen: 52.571 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

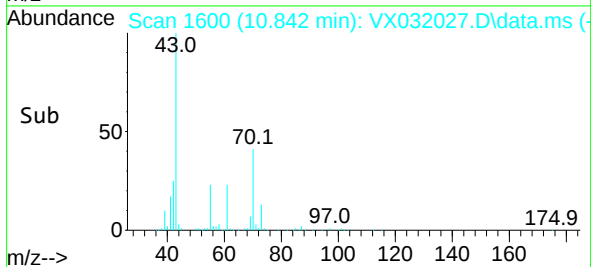
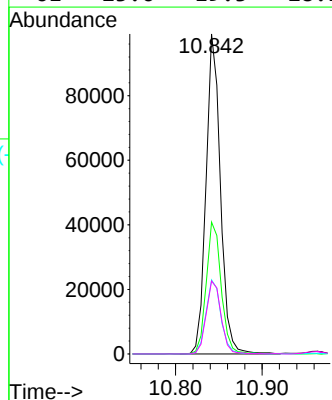
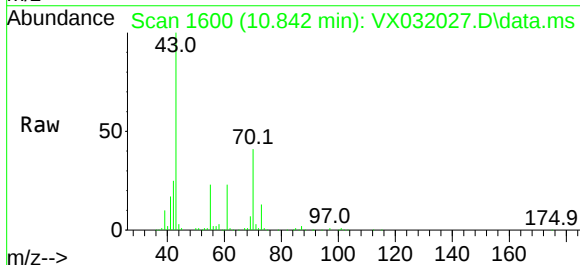
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

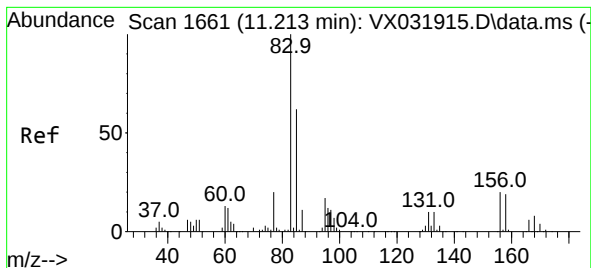
Tgt Ion:105 Resp: 312117
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 63.213 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.005 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 43 Resp: 114608
Ion Ratio Lower Upper
43 100
70 43.0 33.4 50.2
55 23.9 18.2 27.2
61 23.6 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.223 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

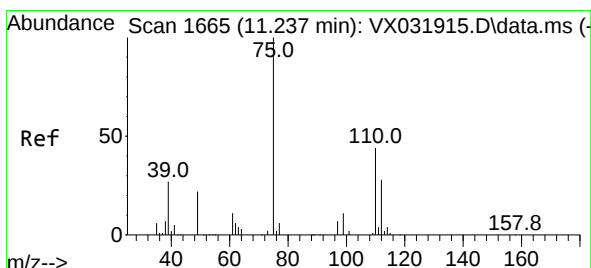
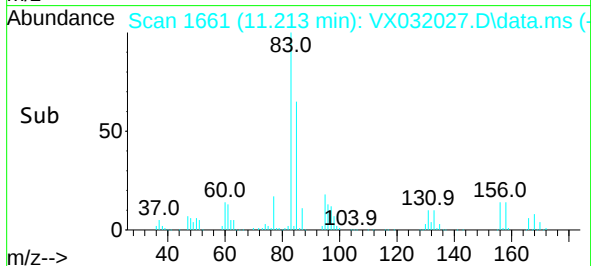
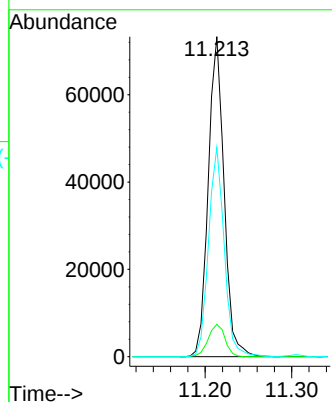
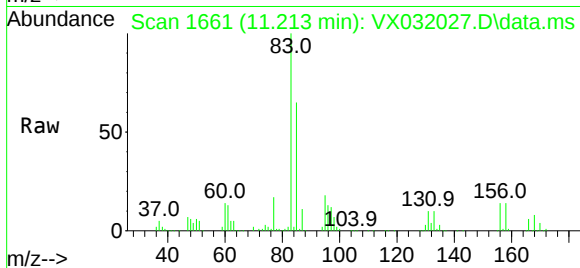
Tgt Ion: 83 Resp: 92853

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

85 65.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 62.091 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX032027.D

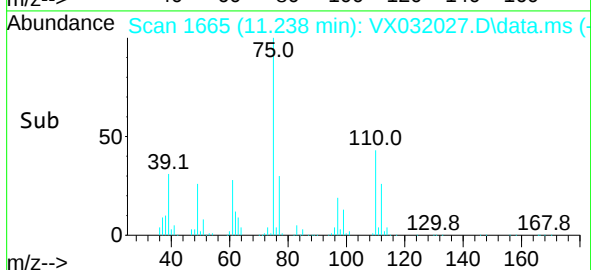
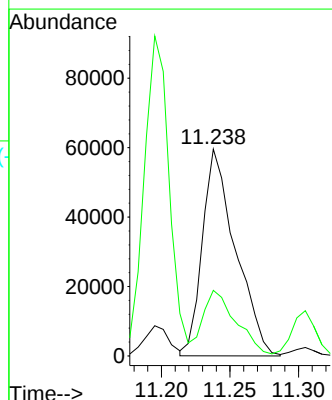
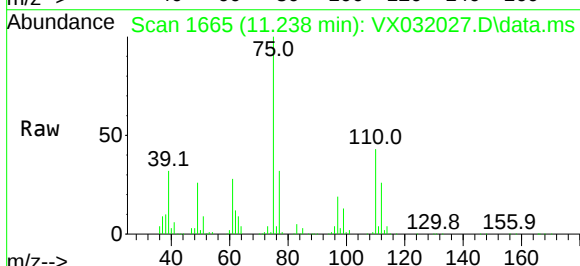
Acq: 11 Oct 2022 11:16

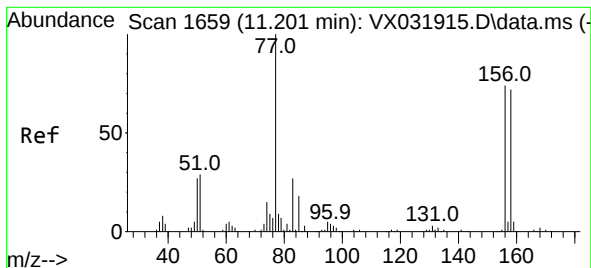
Tgt Ion: 75 Resp: 100173

Ion Ratio Lower Upper

75 100

77 32.1 20.3 60.9





#77

Bromobenzene

Concen: 50.319 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

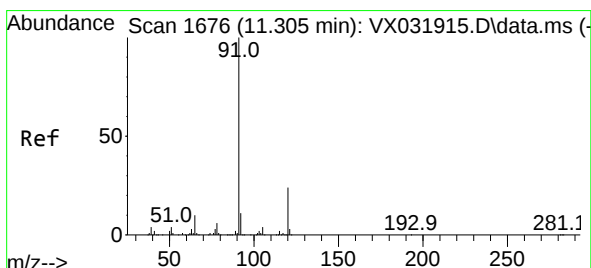
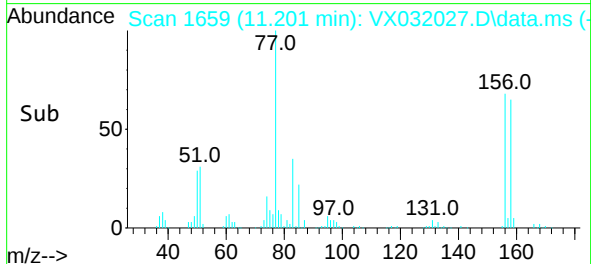
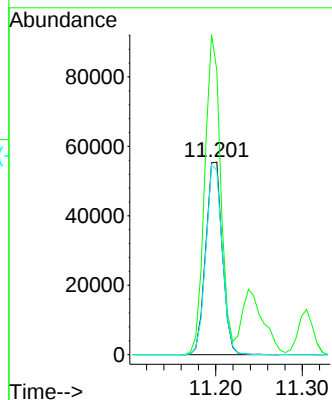
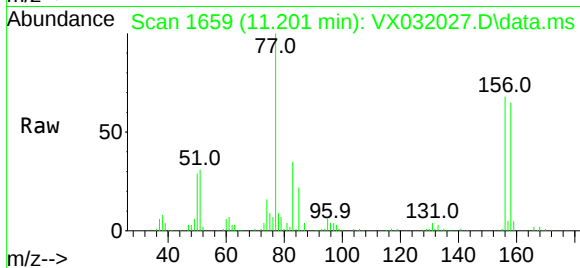
Tgt Ion:156 Resp: 73590

Ion Ratio Lower Upper

156 100

77 159.8 79.5 238.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 55.097 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032027.D

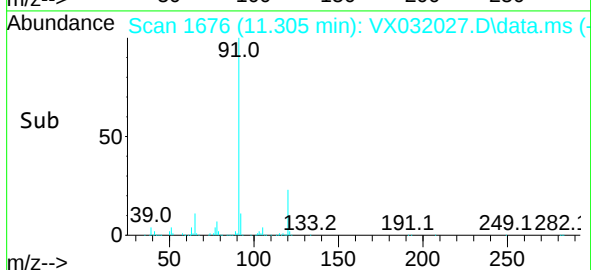
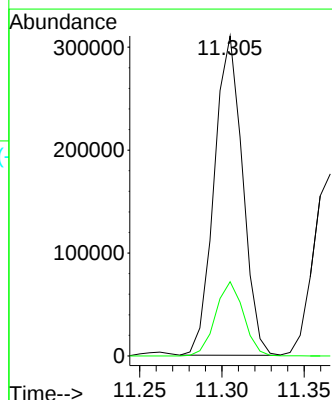
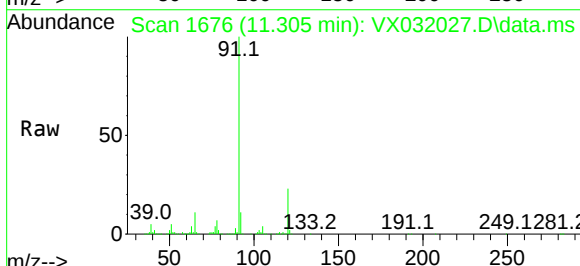
Acq: 11 Oct 2022 11:16

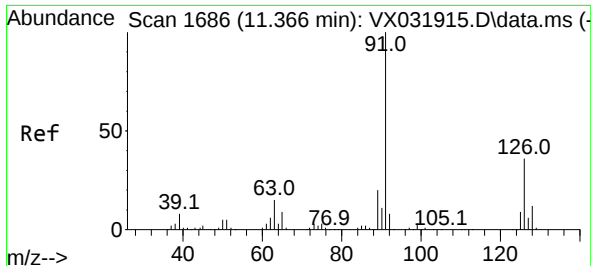
Tgt Ion: 91 Resp: 372067

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.4





#79

2-Chlorotoluene

Concen: 53.462 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

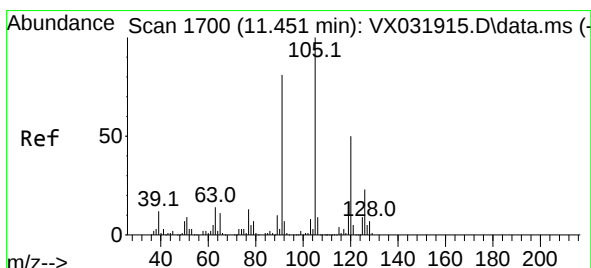
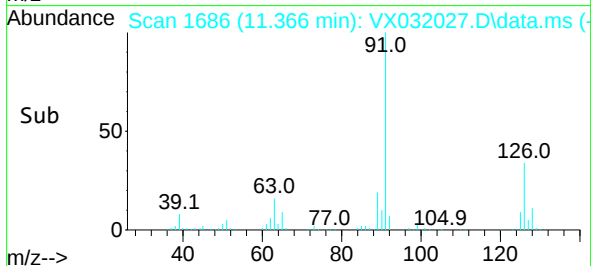
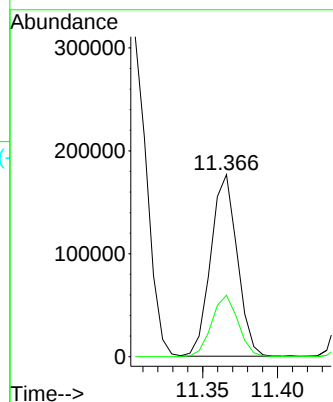
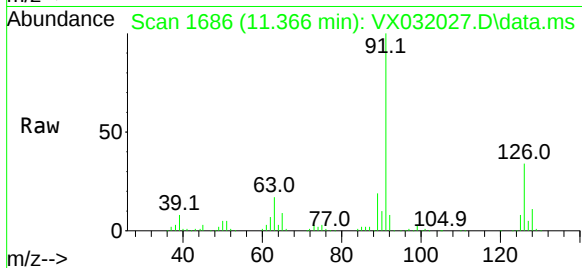
VSTDCCC050

Tgt Ion: 91 Resp: 217259

Ion Ratio Lower Upper

91 100

126 33.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 55.551 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032027.D

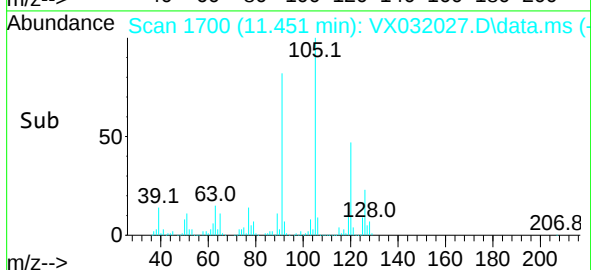
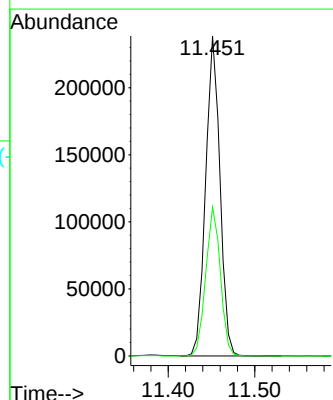
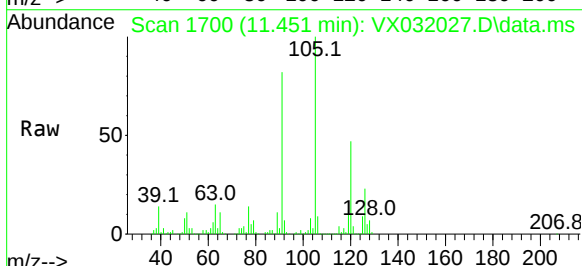
Acq: 11 Oct 2022 11:16

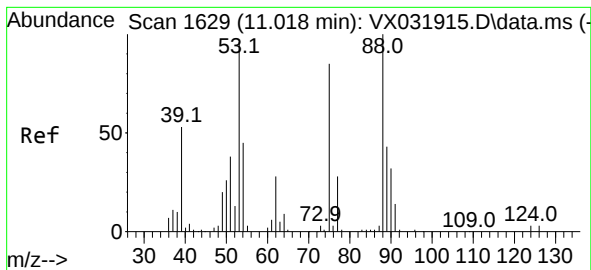
Tgt Ion:105 Resp: 273539

Ion Ratio Lower Upper

105 100

120 47.5 24.5 73.5

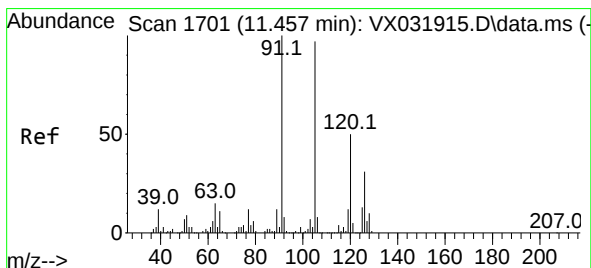
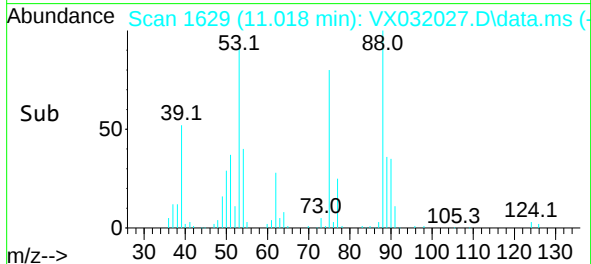
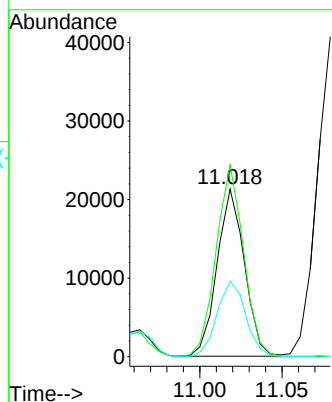
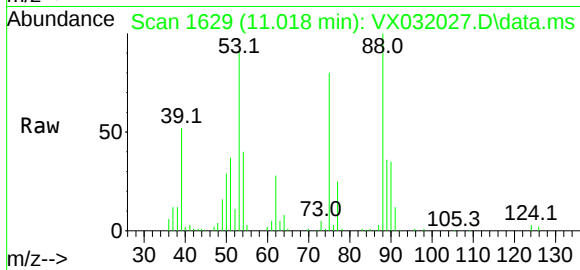




#81
trans-1,4-Dichloro-2-butene
Concen: 53.799 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

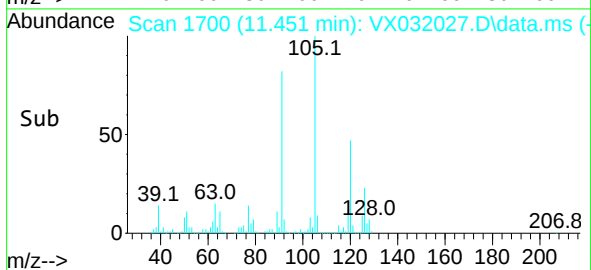
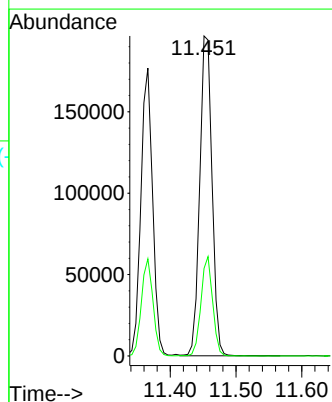
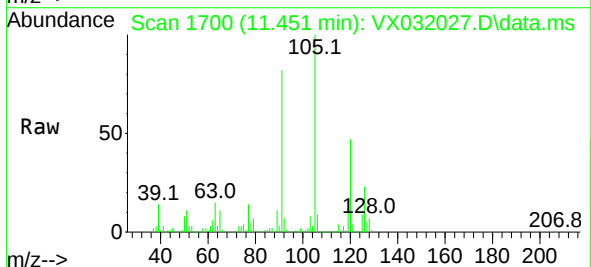
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

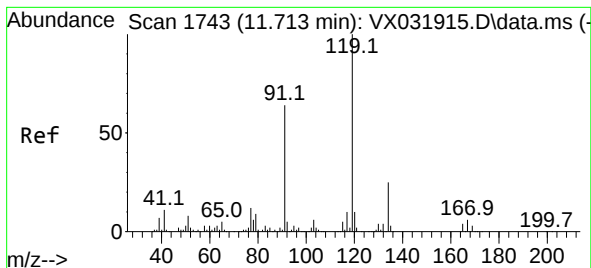
Tgt Ion: 75 Resp: 24593
Ion Ratio Lower Upper
75 100
53 115.9 77.6 116.4
89 47.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion: 91 Resp: 255406
Ion Ratio Lower Upper
91 100
126 29.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 53.763 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

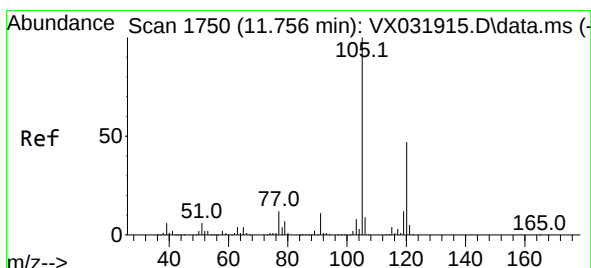
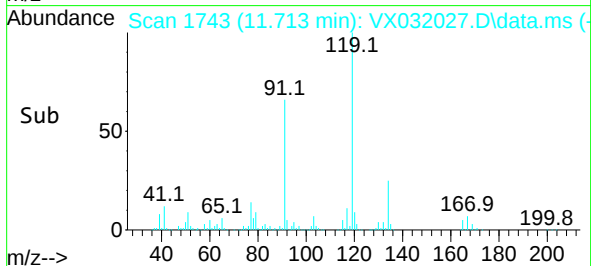
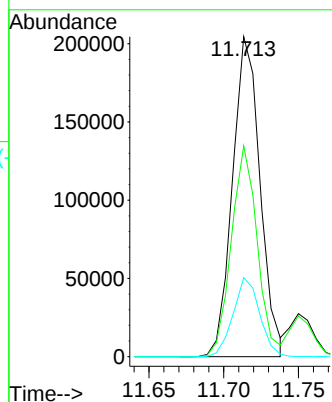
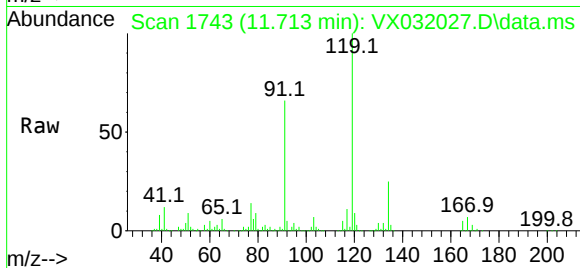
Tgt Ion:119 Resp: 262014

Ion Ratio Lower Upper

119 100

91 62.1 29.2 87.6

134 23.8 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 53.725 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX032027.D

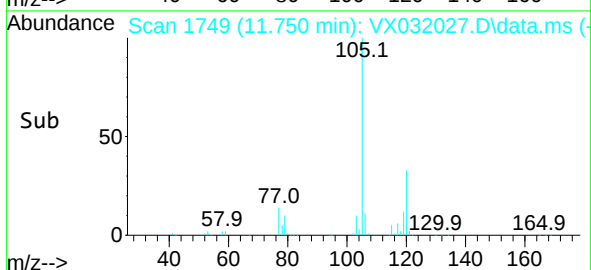
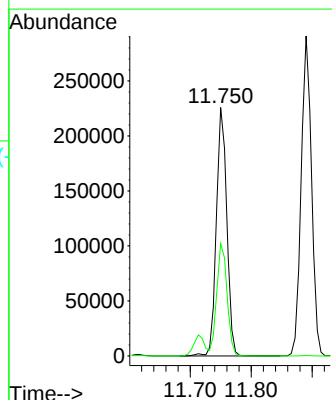
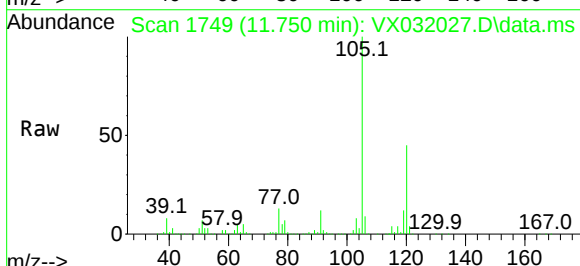
Acq: 11 Oct 2022 11:16

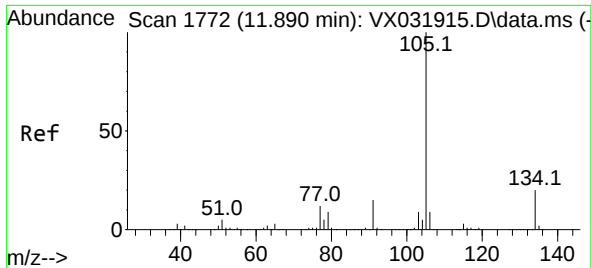
Tgt Ion:105 Resp: 268743

Ion Ratio Lower Upper

105 100

120 44.7 22.6 67.8

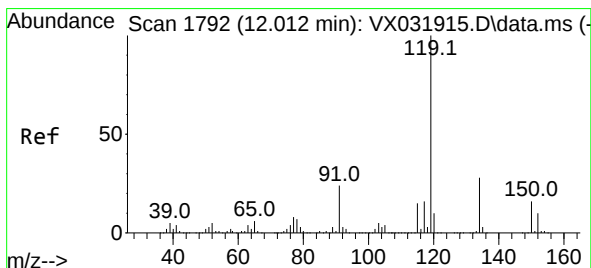
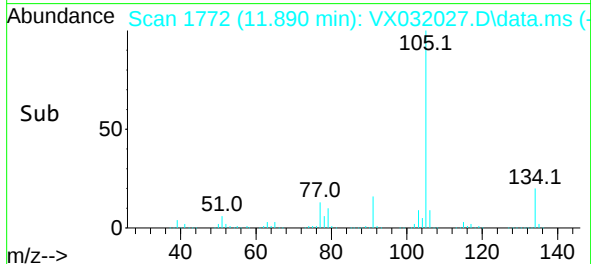
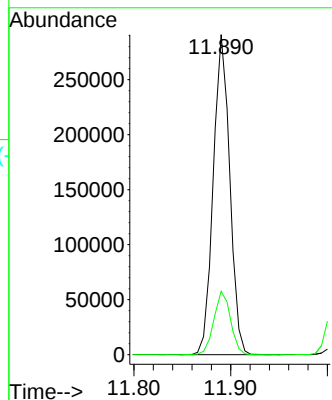
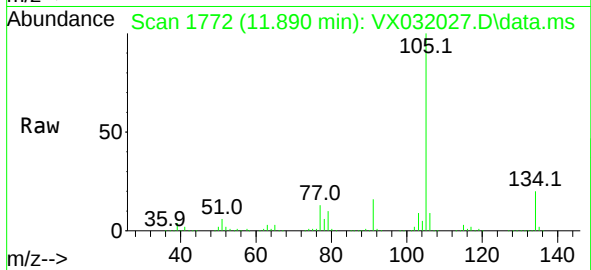




#85
sec-Butylbenzene
Concen: 57.097 ug/l
RT: 11.890 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

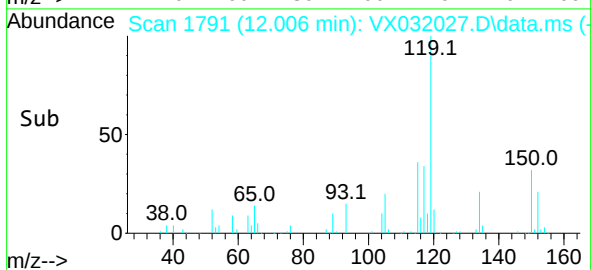
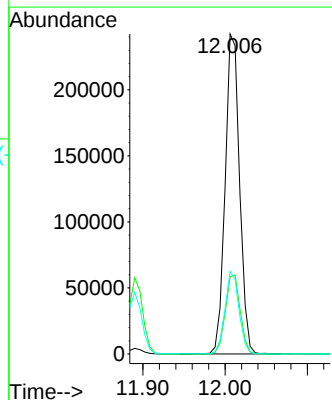
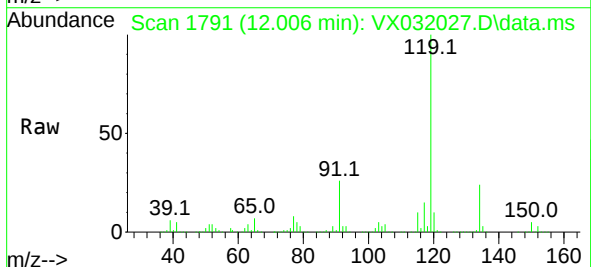
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

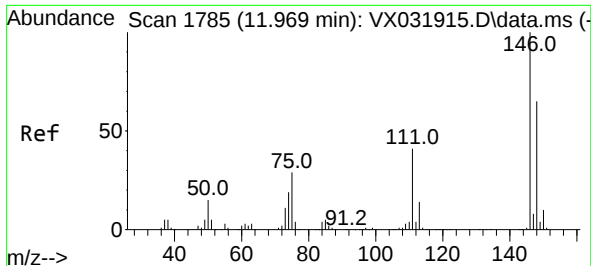
Tgt Ion:105 Resp: 344504
Ion Ratio Lower Upper
105 100
134 20.0 10.4 31.1



#86
p-Isopropyltoluene
Concen: 58.119 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX032027.D
Acq: 11 Oct 2022 11:16

Tgt Ion:119 Resp: 295244
Ion Ratio Lower Upper
119 100
134 25.4 13.4 40.2
91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.997 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

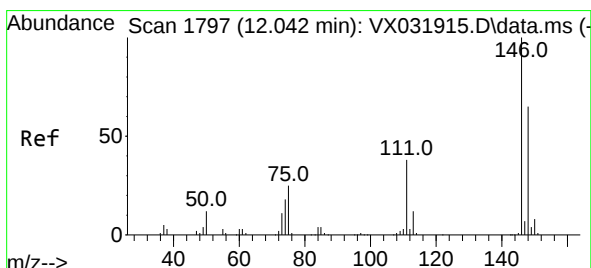
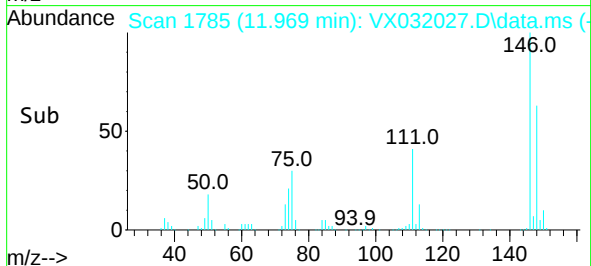
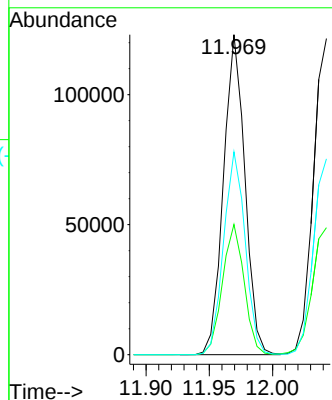
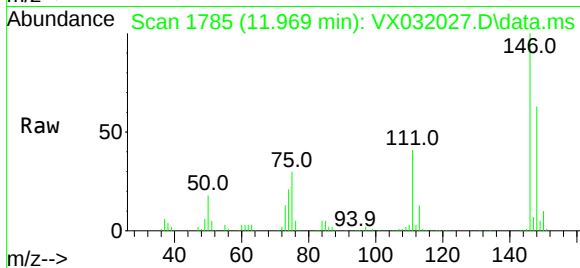
Tgt Ion:146 Resp: 144790

Ion Ratio Lower Upper

146 100

111 41.1 19.8 59.4

148 64.0 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 51.213 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

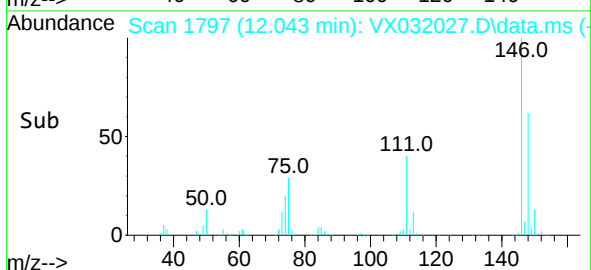
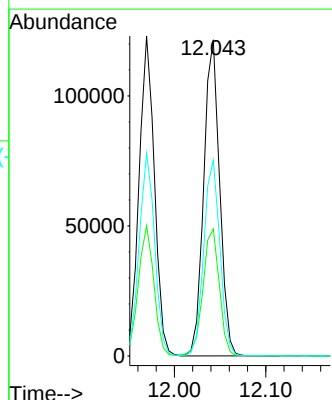
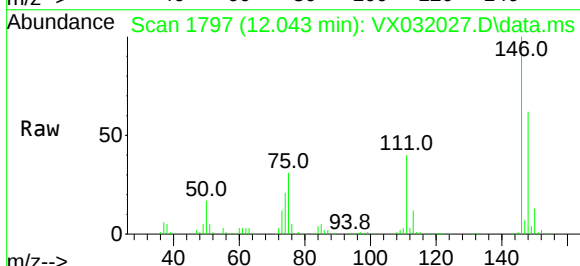
Tgt Ion:146 Resp: 146787

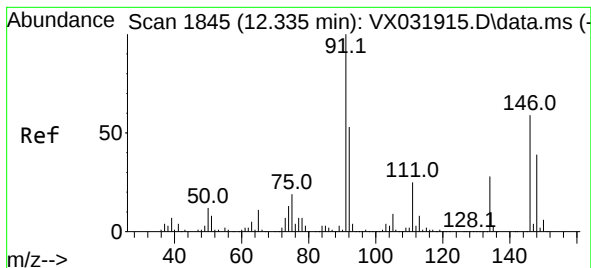
Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.5

148 62.6 32.0 96.2





#89

n-Butylbenzene

Concen: 61.719 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

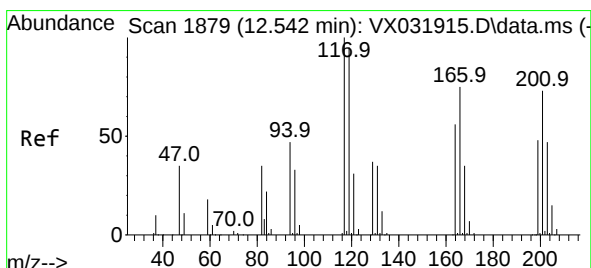
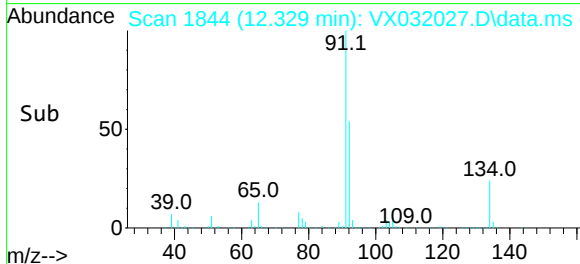
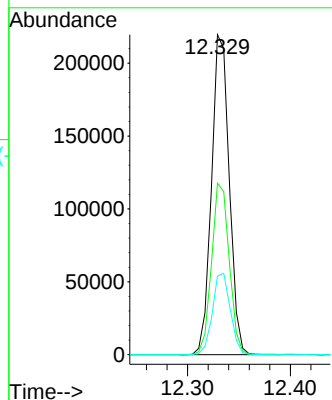
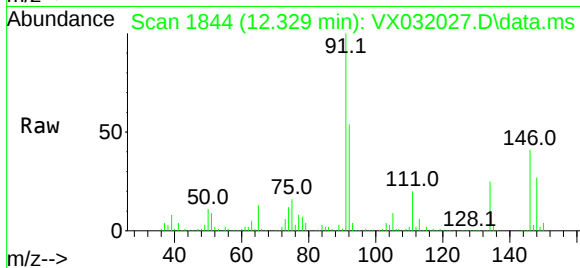
Tgt Ion: 91 Resp: 262560

Ion Ratio Lower Upper

91 100

92 53.4 27.0 81.0

134 25.7 13.3 39.9



#90

Hexachloroethane

Concen: 58.142 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032027.D

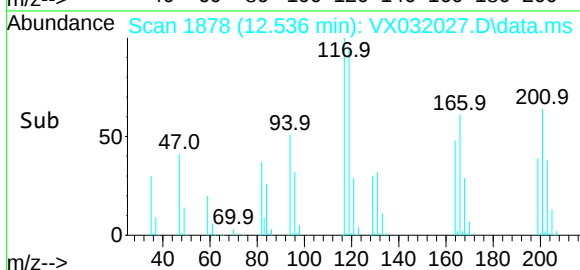
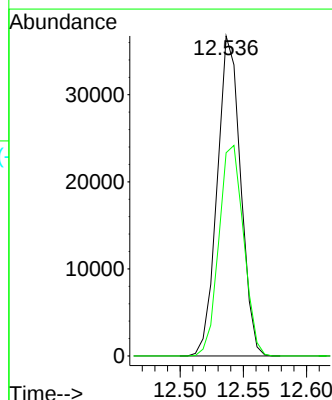
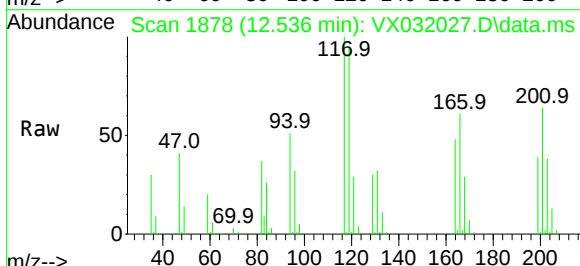
Acq: 11 Oct 2022 11:16

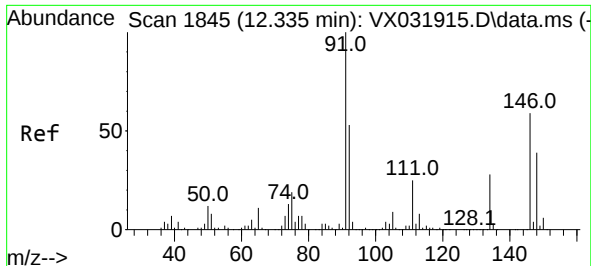
Tgt Ion: 117 Resp: 47144

Ion Ratio Lower Upper

117 100

201 69.6 34.8 104.4





#91

1,2-Dichlorobenzene

Concen: 51.702 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

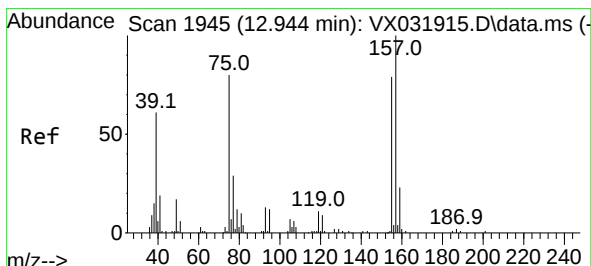
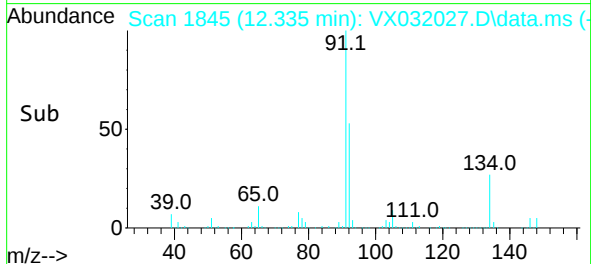
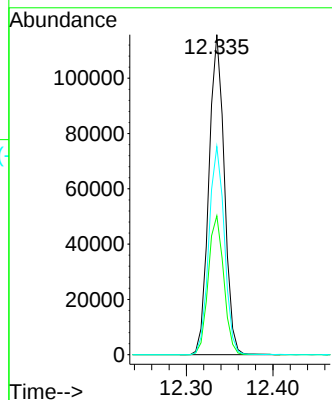
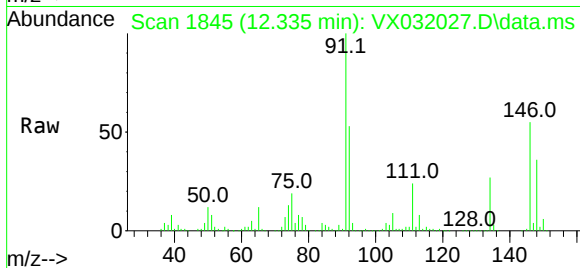
Tgt Ion:146 Resp: 143140

Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.8

148 65.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.086 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

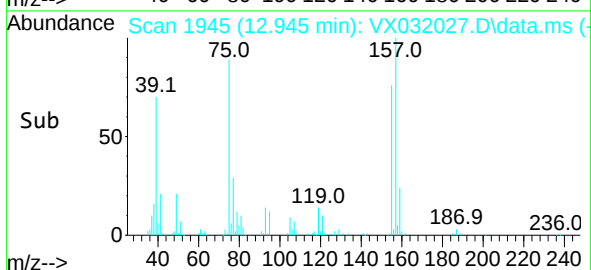
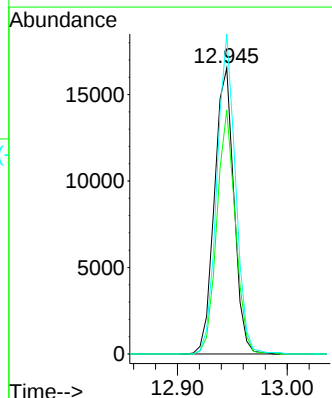
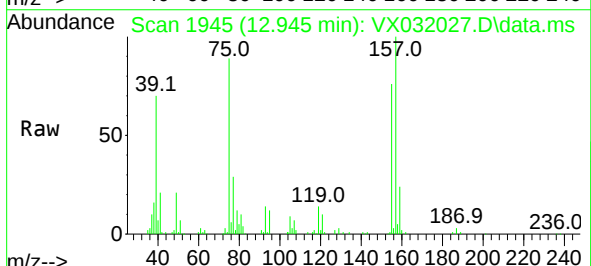
Tgt Ion: 75 Resp: 20402

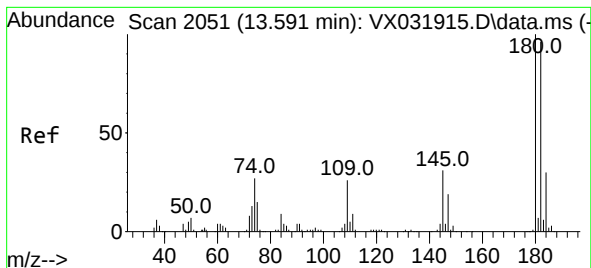
Ion Ratio Lower Upper

75 100

155 81.0 40.3 120.8

157 106.8 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 55.811 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

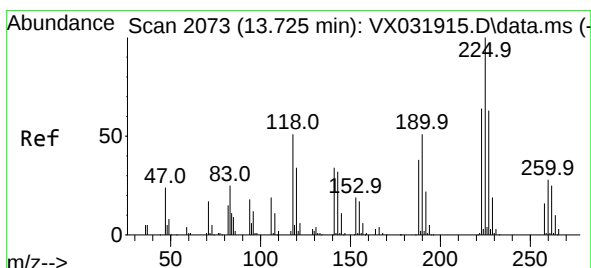
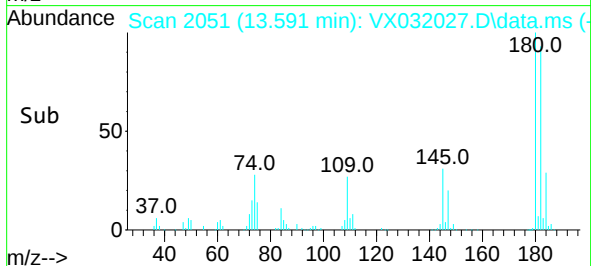
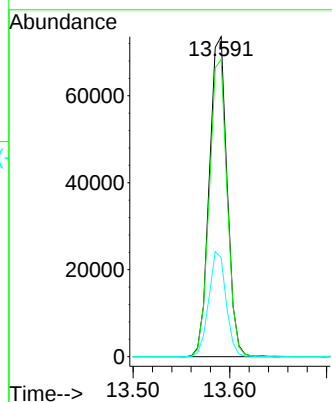
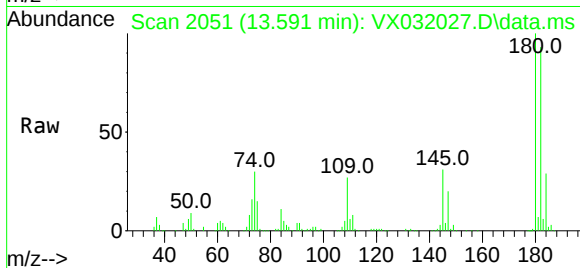
Tgt Ion:180 Resp: 93781

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.6

145 32.0 16.7 50.1



#94

Hexachlorobutadiene

Concen: 59.508 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

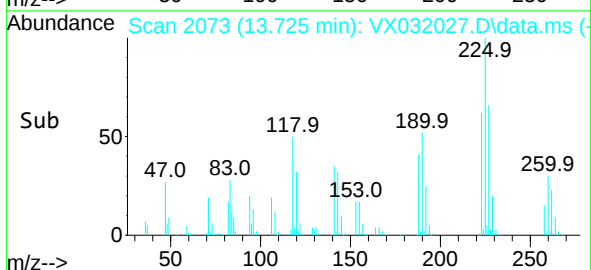
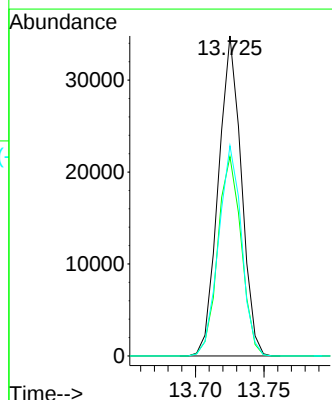
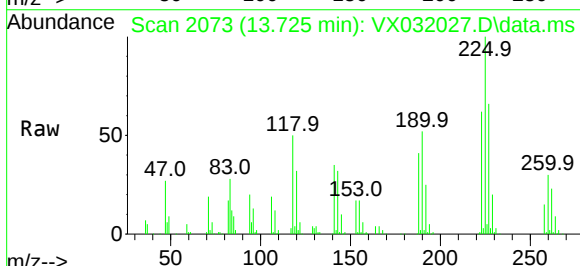
Tgt Ion:225 Resp: 40443

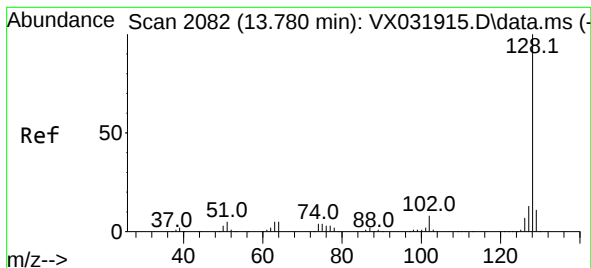
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.4

227 65.6 32.3 96.9





#95

Naphthalene

Concen: 53.212 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

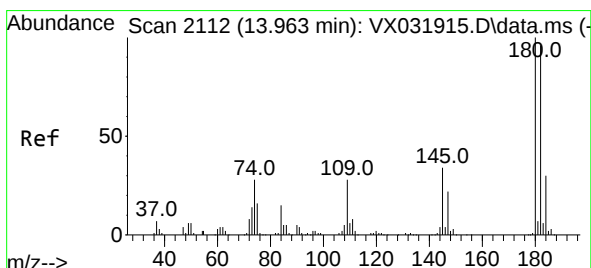
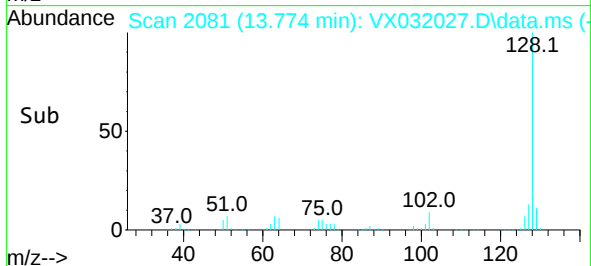
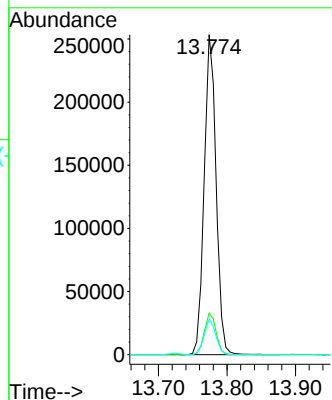
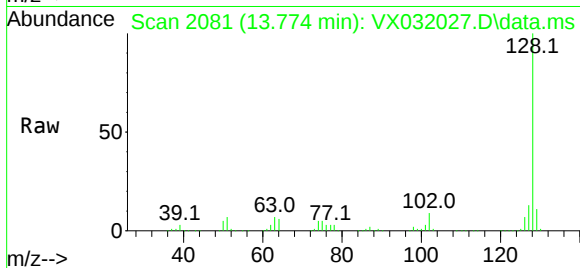
Tgt Ion:128 Resp: 306389

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 55.099 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX032027.D

Acq: 11 Oct 2022 11:16

Tgt Ion:180 Resp: 93913

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 34.0 17.6 52.8

