

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035752.D
 Acq On : 19 May 2023 09:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 05:11:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	223413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	387717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167326	42.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.860%
35) Dibromofluoromethane	5.379	113	113703	43.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.980%
50) Toluene-d8	8.647	98	414062	42.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.740%#
62) 4-Bromofluorobenzene	11.079	95	169402	43.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140869	48.381	ug/l	99
3) Chloromethane	1.294	50	144822	40.986	ug/l	98
4) Vinyl Chloride	1.374	62	143239	47.767	ug/l	100
5) Bromomethane	1.617	94	81266	50.039	ug/l	95
6) Chloroethane	1.691	64	81543	44.825	ug/l	97
7) Trichlorofluoromethane	1.886	101	212542	48.205	ug/l	97
8) Diethyl Ether	2.130	74	80284	47.291	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	123359	47.123	ug/l	95
10) Methyl Iodide	2.453	142	125421	53.569	ug/l	89
11) Tert butyl alcohol	3.001	59	82855	120.494	ug/l	99
12) 1,1-Dichloroethene	2.319	96	112739	45.313	ug/l	86
13) Acrolein	2.239	56	133683	163.801	ug/l	99
14) Allyl chloride	2.660	41	232155	43.555	ug/l	94
15) Acrylonitrile	3.068	53	348031	229.849	ug/l	99
16) Acetone	2.392	43	448164	267.538	ug/l	93
17) Carbon Disulfide	2.508	76	260985	43.464	ug/l	99
18) Methyl Acetate	2.703	43	294864	47.729	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	443346	44.780	ug/l	98
20) Methylene Chloride	2.788	84	132756	43.728	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	123451	45.282	ug/l	91
22) Diisopropyl ether	3.757	45	470458	45.080	ug/l	91
23) Vinyl Acetate	3.721	43	1671419	226.350	ug/l	98
24) 1,1-Dichloroethane	3.605	63	252186	45.183	ug/l	99
25) 2-Butanone	4.556	43	554264	239.018	ug/l	99
26) 2,2-Dichloropropane	4.471	77	211786	44.808	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	148173	45.212	ug/l	93
28) Bromochloromethane	4.891	49	117880	46.955	ug/l	94
29) Tetrahydrofuran	5.007	42	323729	222.109	ug/l	98
30) Chloroform	5.086	83	261461	45.715	ug/l	100
31) Cyclohexane	5.464	56	226490	45.995	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	226938	45.604	ug/l	98
36) 1,1-Dichloropropene	5.690	75	195395	47.342	ug/l	97
37) Ethyl Acetate	4.708	43	195771	45.476	ug/l	100
38) Carbon Tetrachloride	5.672	117	189406	48.445	ug/l	100
39) Methylcyclohexane	7.379	83	233854	48.134	ug/l	96
40) Benzene	6.031	78	532788	46.144	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	117575	46.000	ug/l	97
42) 1,2-Dichloroethane	6.080	62	231798	46.670	ug/l	97
43) Isopropyl Acetate	6.336	43	341874	45.542	ug/l	98
44) Trichloroethene	7.123	130	133864	45.724	ug/l	93
45) 1,2-Dichloropropane	7.427	63	142246	46.517	ug/l	99
46) Dibromomethane	7.580	93	98553	47.083	ug/l	93
47) Bromodichloromethane	7.818	83	192150	47.493	ug/l	99
48) Methyl methacrylate	7.690	41	172261	46.498	ug/l	95
49) 1,4-Dioxane	7.720	88	54583	708.926	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	1023084	236.568	ug/l	98
52) Toluene	8.714	92	341581	46.867	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	212901	48.435	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	229153	48.658	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	133727	46.715	ug/l	98
56) Ethyl methacrylate	9.116	69	216396	46.680	ug/l	95
57) 1,3-Dichloropropane	9.305	76	240805	46.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	526772	223.370	ug/l	98
59) 2-Hexanone	9.433	43	797102	244.742	ug/l	98
60) Dibromochloromethane	9.518	129	133223	48.823	ug/l	100
61) 1,2-Dibromoethane	9.610	107	141740	46.995	ug/l	100
64) Tetrachloroethene	9.269	164	109042	46.305	ug/l	91
65) Chlorobenzene	10.079	112	351374	46.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127431	47.200	ug/l	99
67) Ethyl Benzene	10.195	91	675923	47.069	ug/l	97
68) m/p-Xylenes	10.299	106	501444	94.469	ug/l	95
69) o-Xylene	10.640	106	243446	46.219	ug/l	94
70) Styrene	10.652	104	406579	47.895	ug/l	98
71) Bromoform	10.799	173	84216	47.409	ug/l #	100
73) Isopropylbenzene	10.963	105	661073	46.512	ug/l	98
74) N-amyl acetate	10.841	43	289120	43.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203824	44.208	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	231157	56.028	ug/l	82
77) Bromobenzene	11.195	156	145654	45.151	ug/l	92
78) n-propylbenzene	11.305	91	796039	47.646	ug/l	98
79) 2-Chlorotoluene	11.366	91	475076	45.417	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	562983	46.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57261	44.730	ug/l #	84
82) 4-Chlorotoluene	11.451	91	558134	46.331	ug/l	97
83) tert-Butylbenzene	11.713	119	539222	45.921	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	566894	46.737	ug/l	96
85) sec-Butylbenzene	11.890	105	706895	47.947	ug/l	98
86) p-Isopropyltoluene	12.006	119	588618	48.563	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	279561	45.618	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	281127	45.429	ug/l	98
89) n-Butylbenzene	12.329	91	542198	49.175	ug/l	97
90) Hexachloroethane	12.536	117	89020	48.457	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	272054	45.334	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45863	44.671	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	170204	47.103	ug/l	99
94) Hexachlorobutadiene	13.725	225	70281	49.002	ug/l	98
95) Naphthalene	13.774	128	558597	45.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	163714	46.068	ug/l	97

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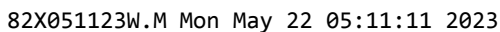
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MSVOA_X
ClientSampleId :
VSTDCCC050

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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

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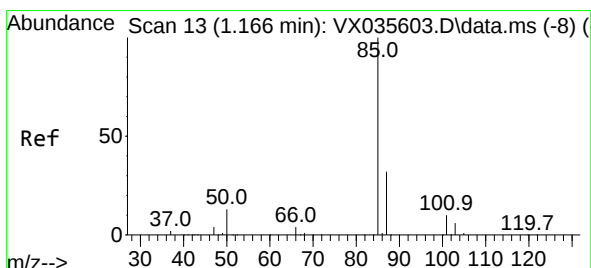
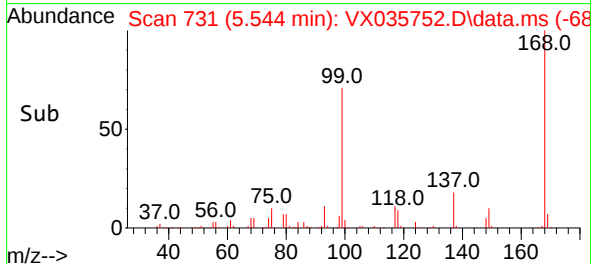
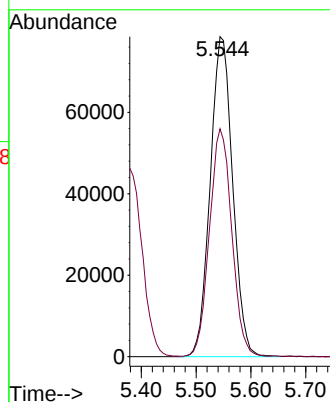
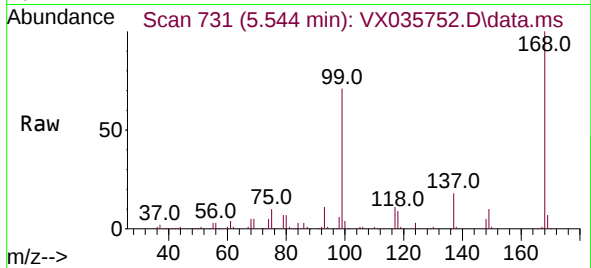




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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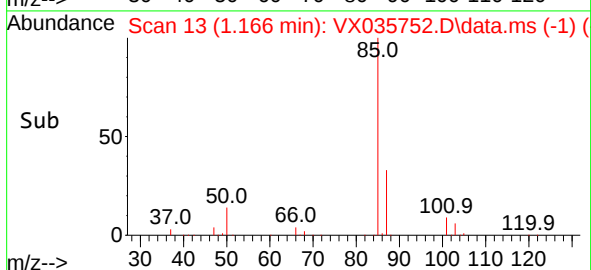
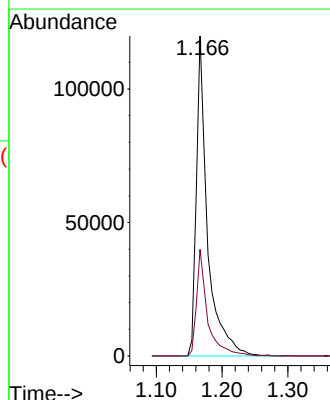
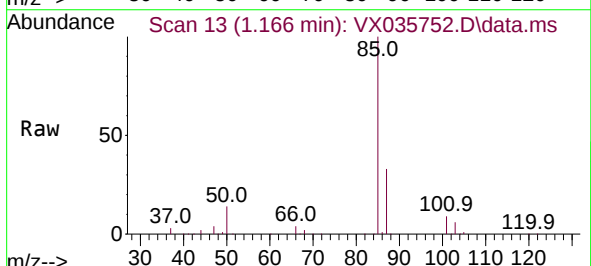
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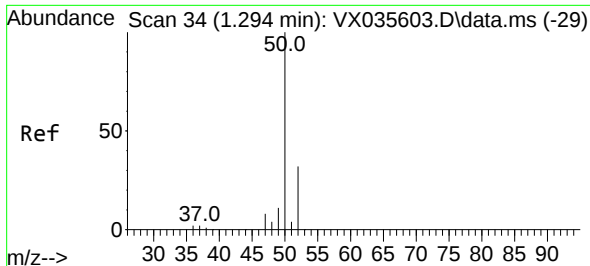
Tgt Ion:168 Resp: 223413
Ion Ratio Lower Upper
168 100
99 71.1 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 48.381 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 85 Resp: 140869
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

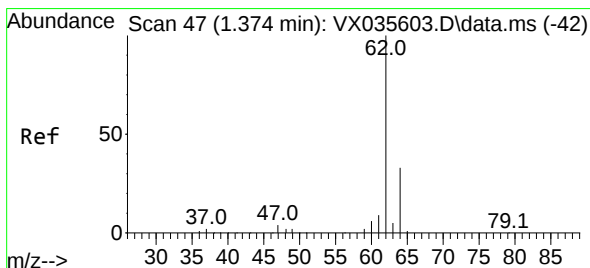
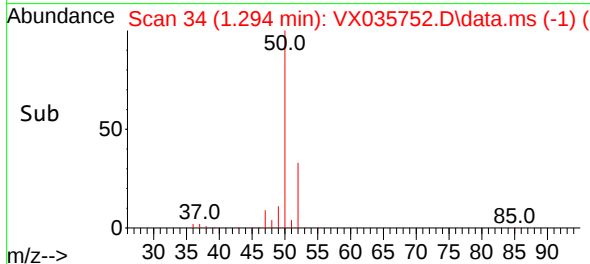
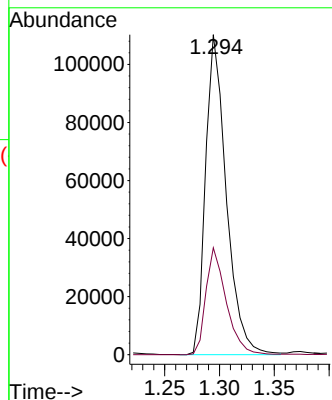
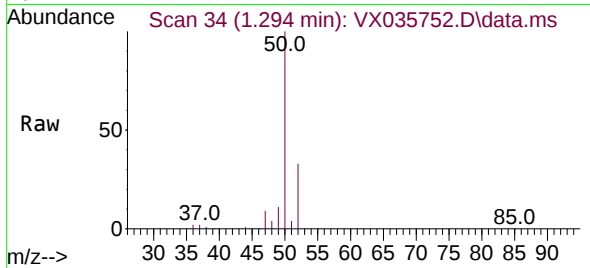




#3
Chloromethane
Concen: 40.986 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

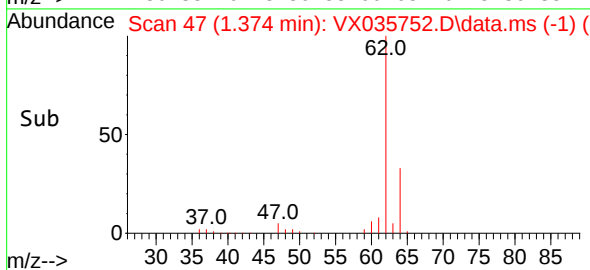
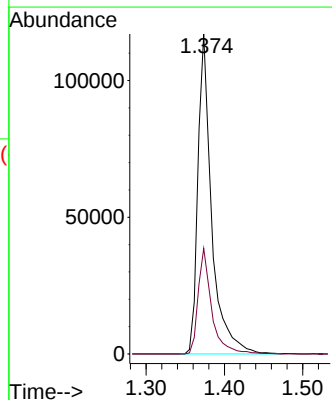
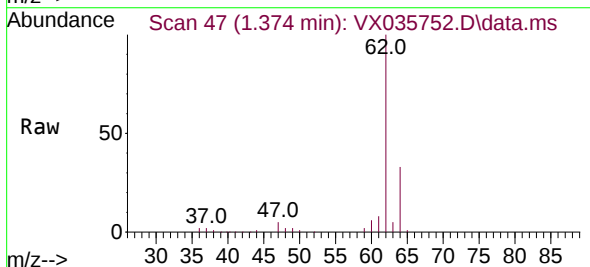
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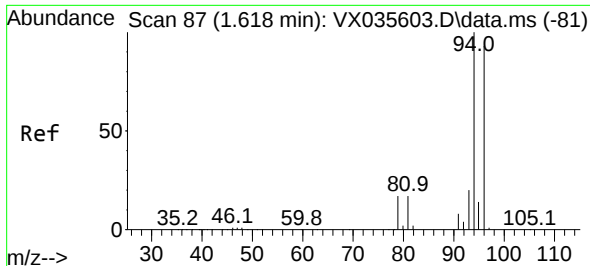
Tgt Ion: 50 Resp: 144822
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 47.767 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 62 Resp: 143239
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6

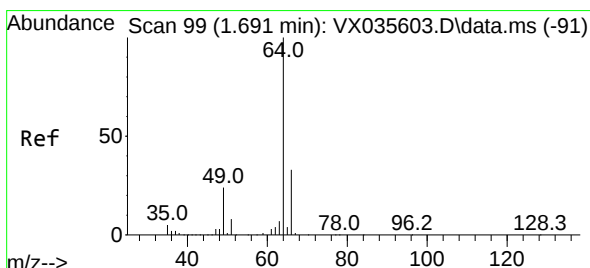
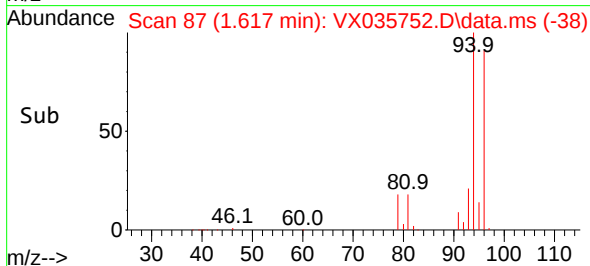
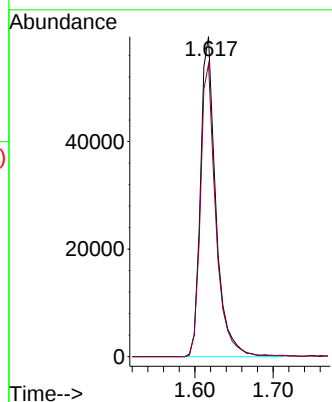
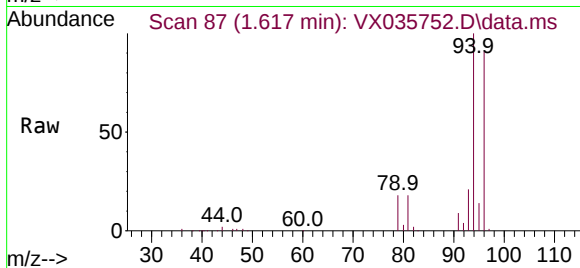




#5
Bromomethane
Concen: 50.039 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

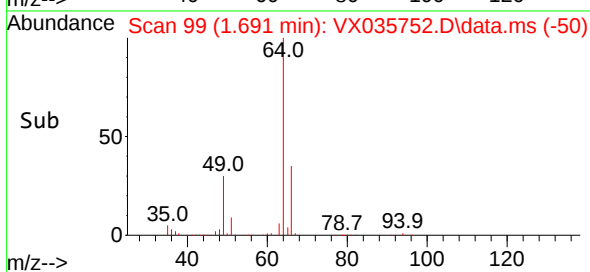
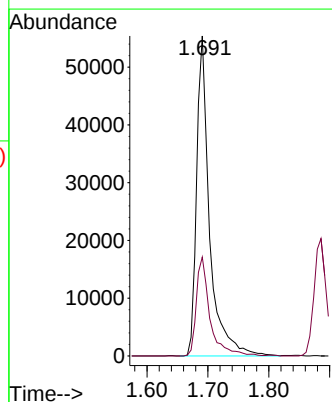
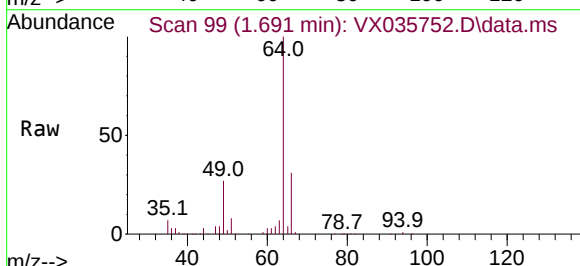
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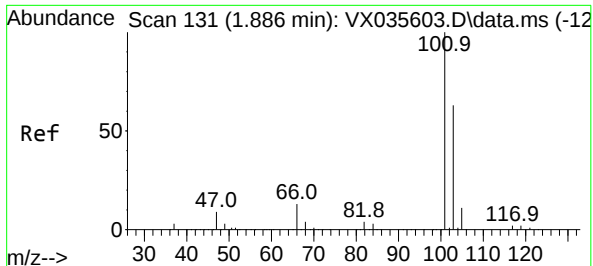
Tgt Ion: 94 Resp: 81266
Ion Ratio Lower Upper
94 100
96 91.4 77.0 115.6



#6
Chloroethane
Concen: 44.825 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 64 Resp: 81543
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4

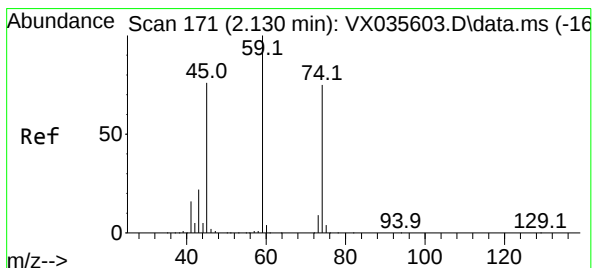
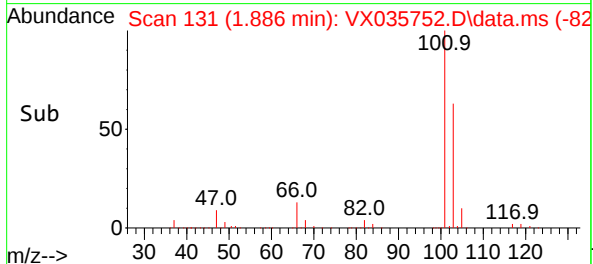
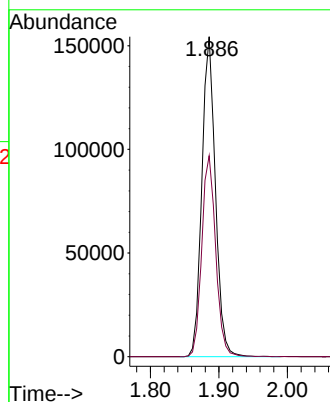
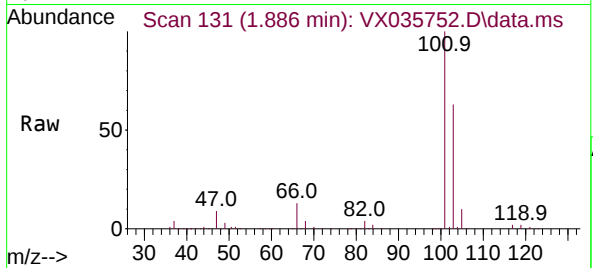




#7
 Trichlorofluoromethane
 Concen: 48.205 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035752.D
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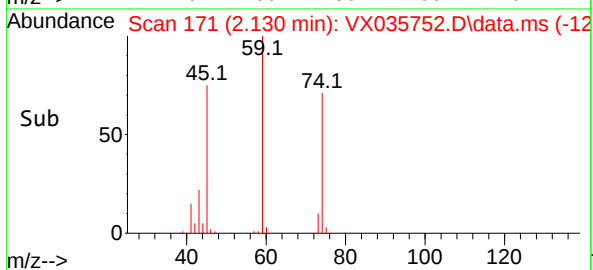
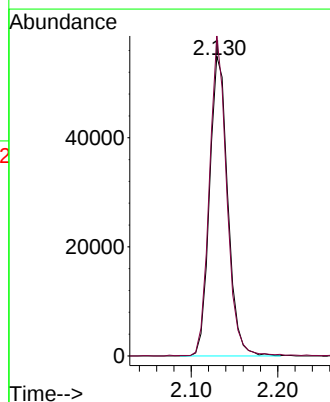
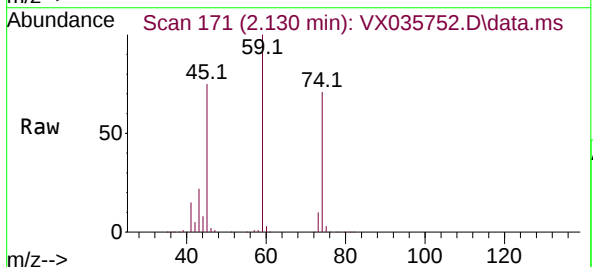
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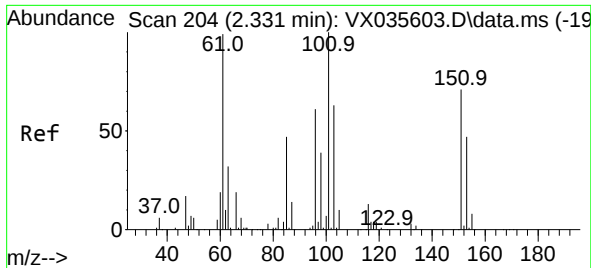
Tgt Ion:101 Resp: 212542
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.0 78.0



#8
 Diethyl Ether
 Concen: 47.291 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX035752.D
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Tgt Ion: 74 Resp: 80284
 Ion Ratio Lower Upper
 74 100
 45 101.2 49.8 149.3

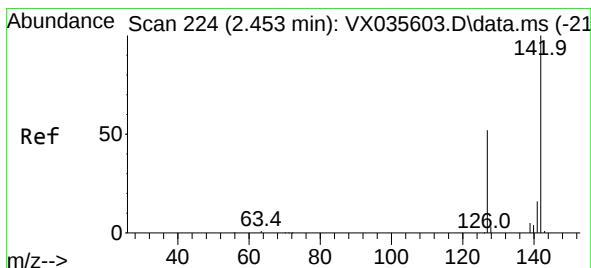
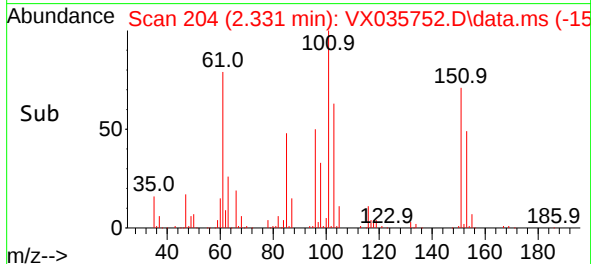
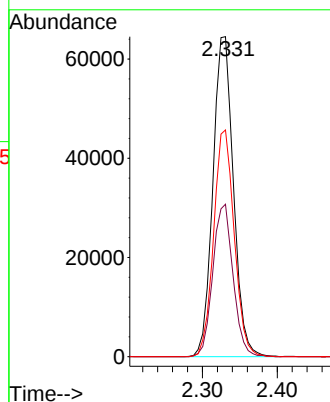
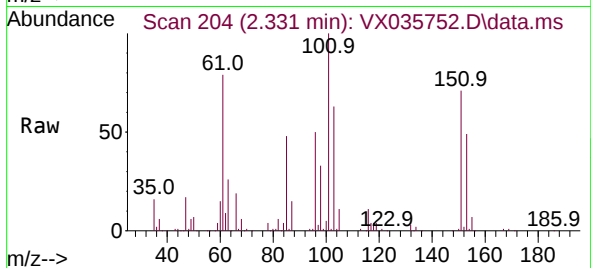




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.123 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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Acq: 19 May 2023 09:05

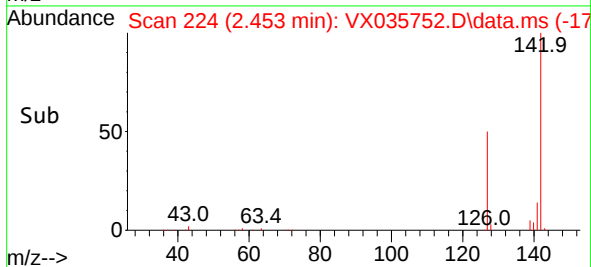
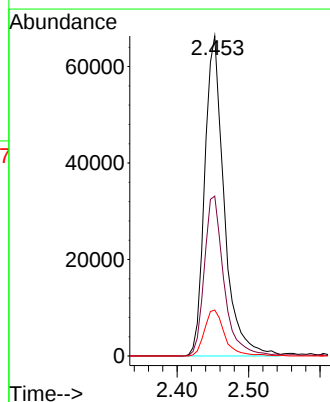
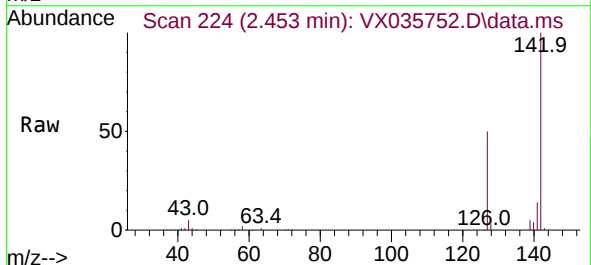
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

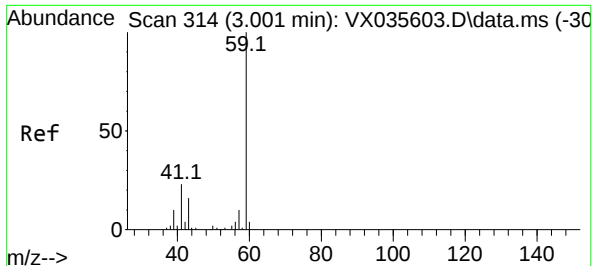
Tgt Ion:101 Resp: 123359
Ion Ratio Lower Upper
101 100
85 47.0 35.4 53.2
151 71.0 60.2 90.4



#10
Methyl Iodide
Concen: 53.569 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:142 Resp: 125421
Ion Ratio Lower Upper
142 100
127 50.8 34.0 51.0
141 15.0 11.1 16.7

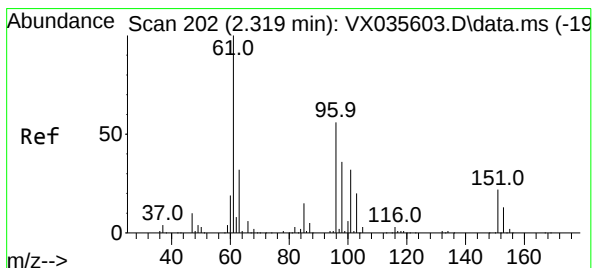
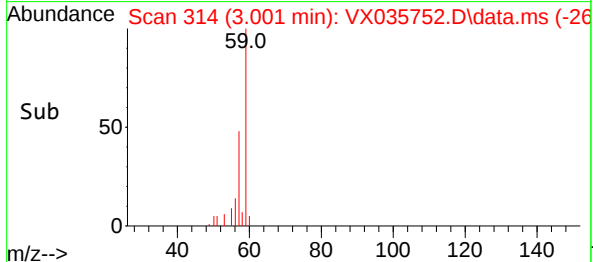
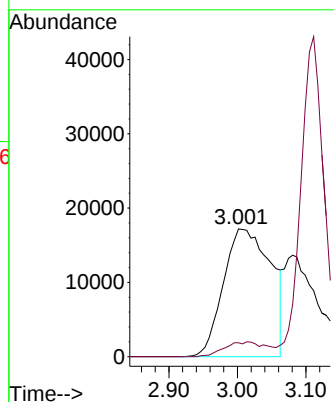
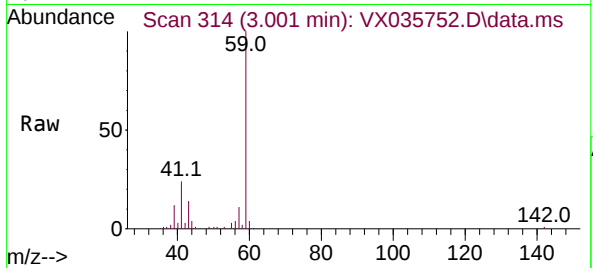




#11
Tert butyl alcohol
Concen: 120.494 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

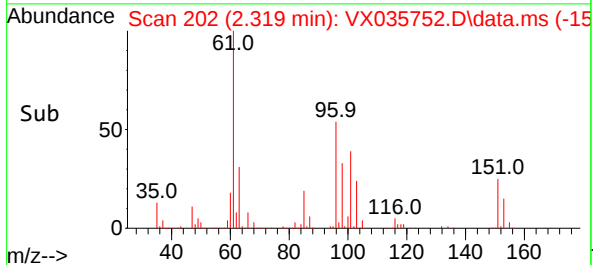
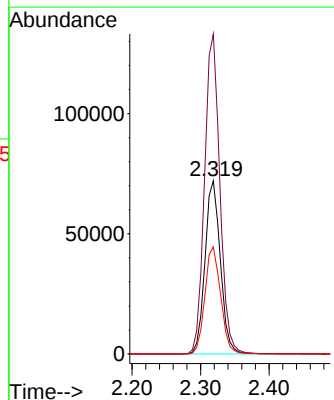
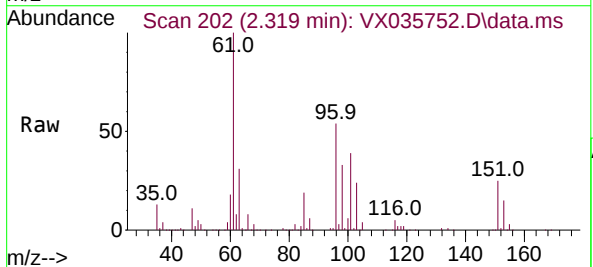
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

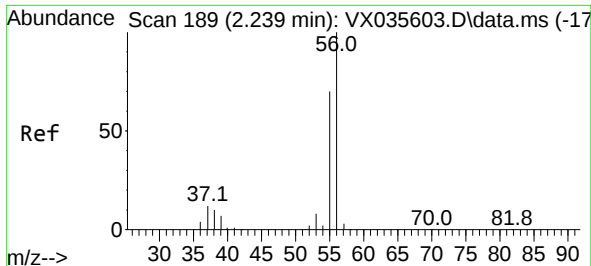
Tgt Ion: 59 Resp: 82855
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 45.313 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 96 Resp: 112739
Ion Ratio Lower Upper
96 100
61 184.8 128.8 193.2
98 61.8 51.4 77.0

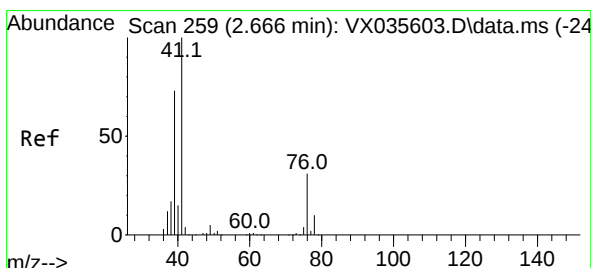
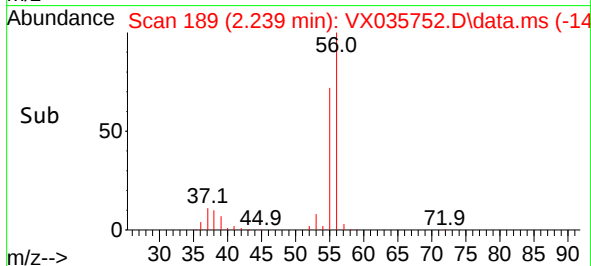
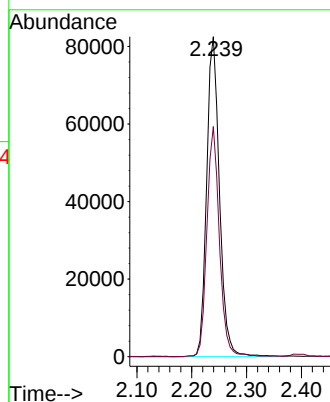
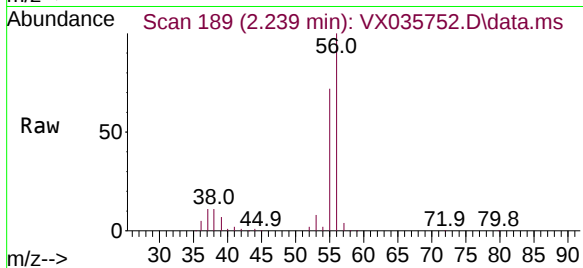




#13
Acrolein
Concen: 163.801 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

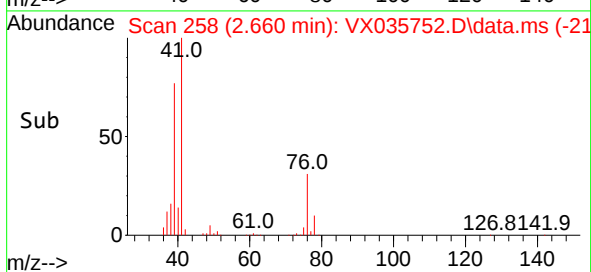
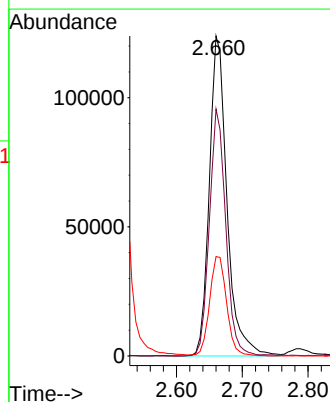
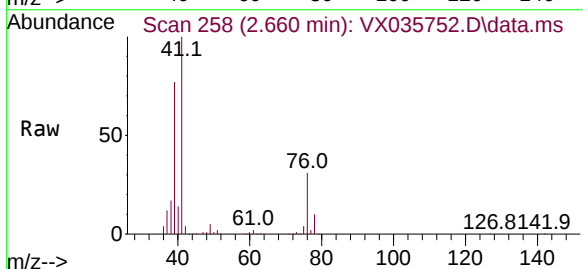
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

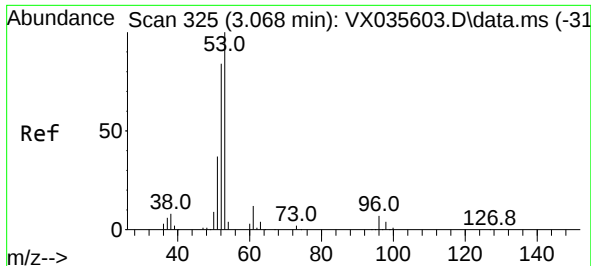
Tgt Ion: 56 Resp: 133683
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0



#14
Allyl chloride
Concen: 43.555 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 41 Resp: 232155
Ion Ratio Lower Upper
41 100
39 71.4 52.4 78.6
76 30.0 26.0 39.0





#15

Acrylonitrile

Concen: 229.849 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

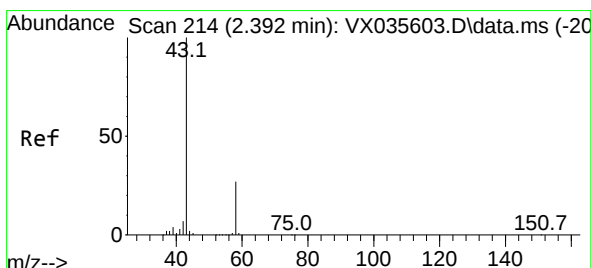
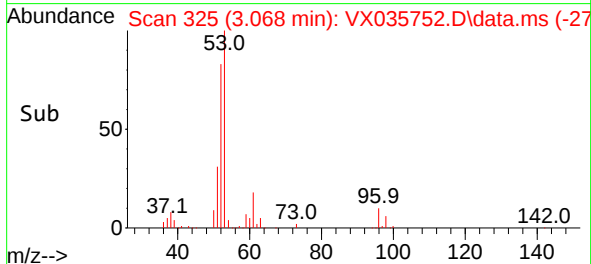
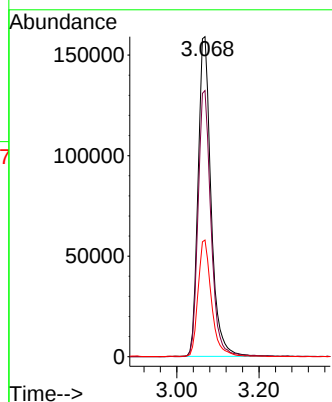
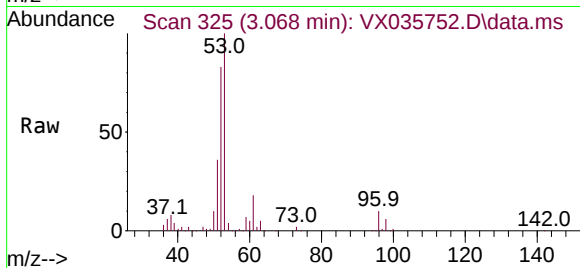
Tgt Ion: 53 Resp: 348031

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

51 37.4 28.3 42.5



#16

Acetone

Concen: 267.538 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035752.D

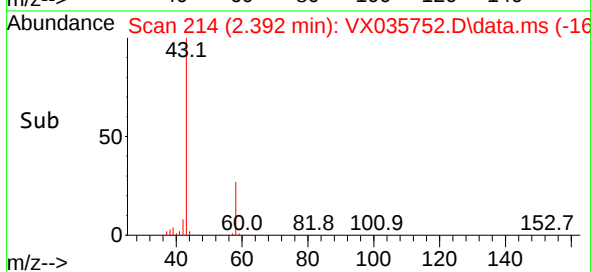
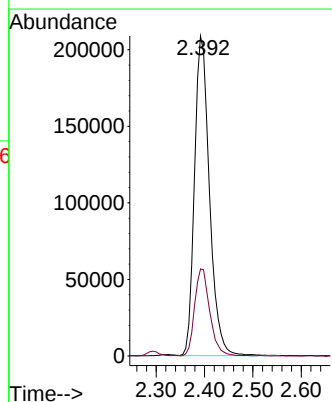
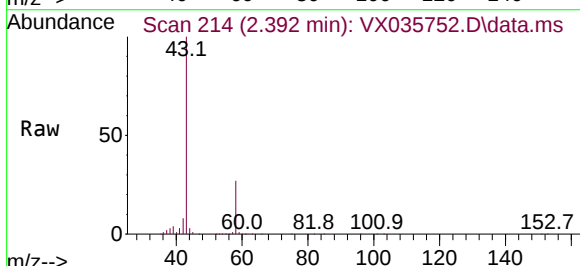
Acq: 19 May 2023 09:05

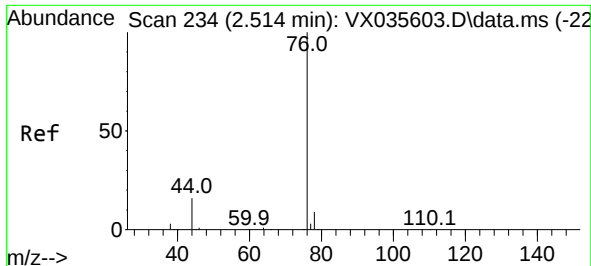
Tgt Ion: 43 Resp: 448164

Ion Ratio Lower Upper

43 100

58 27.2 24.7 37.1

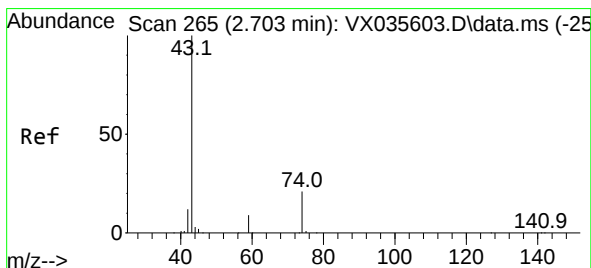
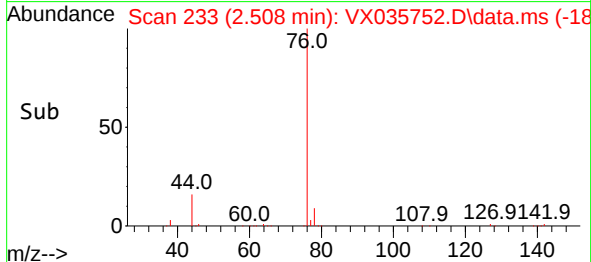
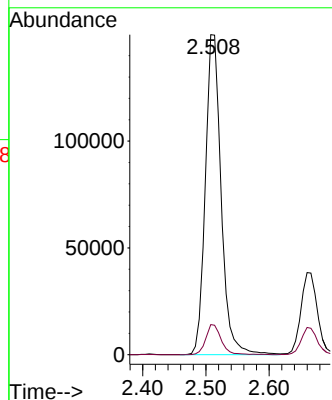
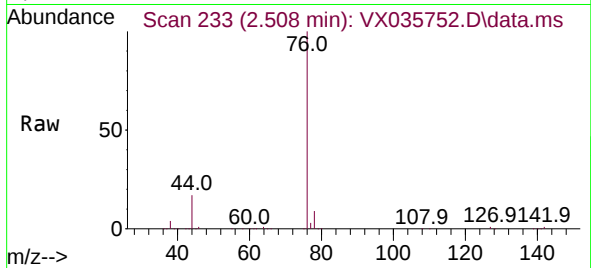




#17
Carbon Disulfide
Concen: 43.464 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

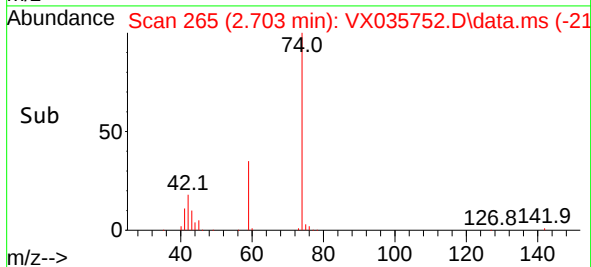
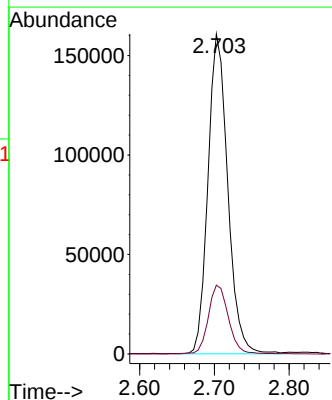
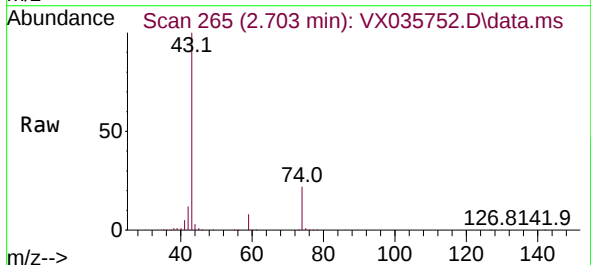
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

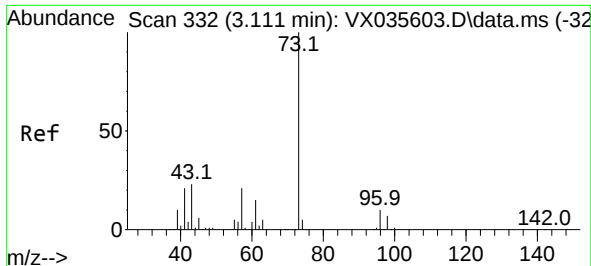
Tgt Ion: 76 Resp: 260985
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 47.729 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 43 Resp: 294864
Ion Ratio Lower Upper
43 100
74 22.0 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 44.780 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

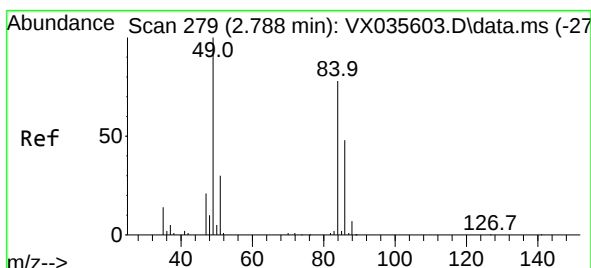
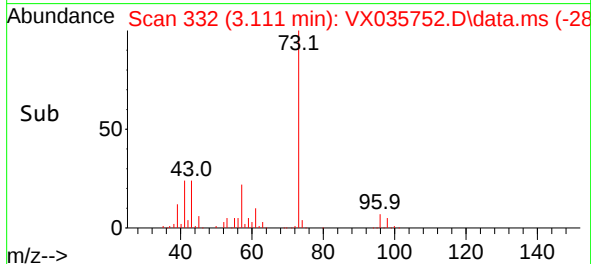
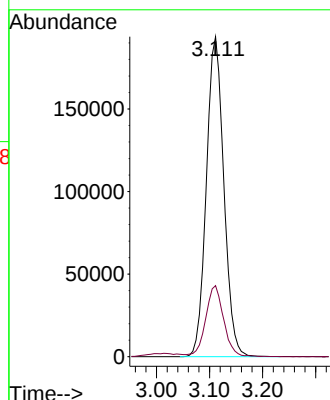
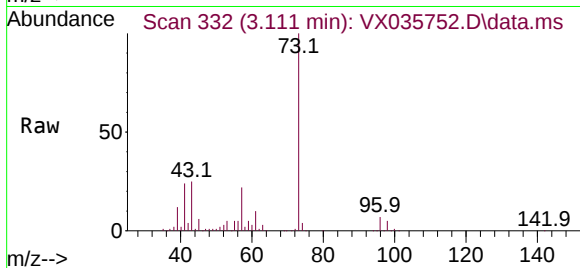
VSTDCCC050

Tgt Ion: 73 Resp: 443346

Ion Ratio Lower Upper

73 100

57 22.2 18.5 27.7



#20

Methylene Chloride

Concen: 43.728 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion: 84 Resp: 132756

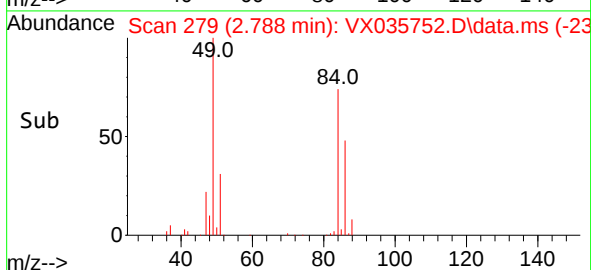
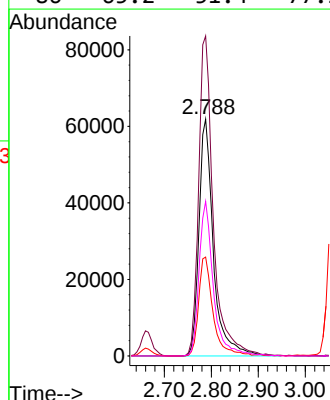
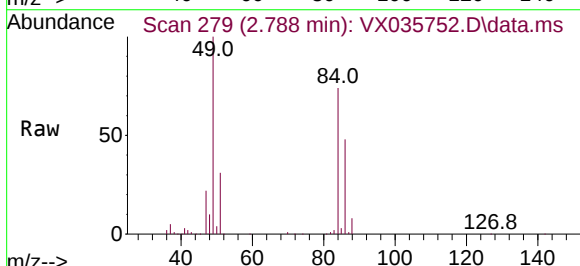
Ion Ratio Lower Upper

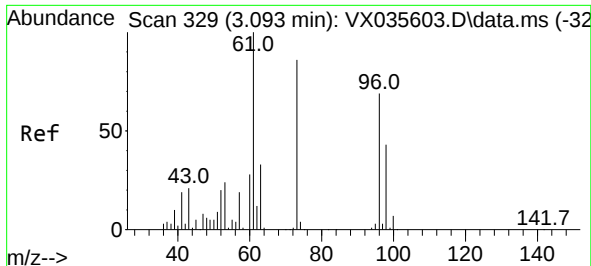
84 100

49 135.1 103.8 155.8

51 41.7 31.8 47.8

86 65.2 51.4 77.2

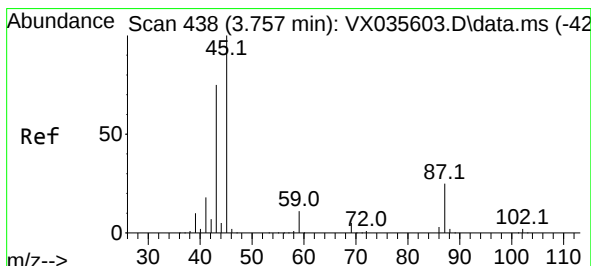
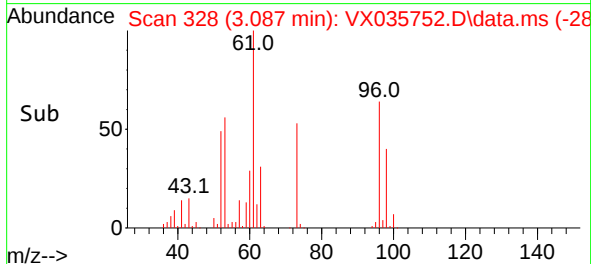
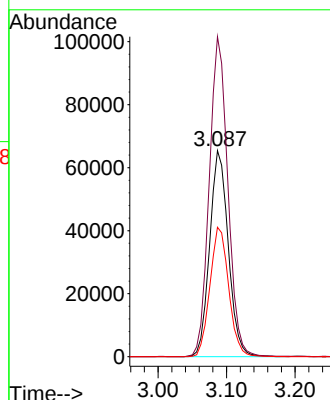
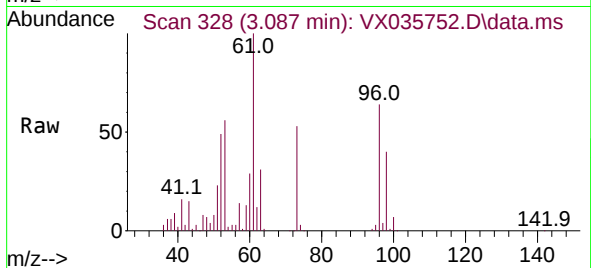




#21
trans-1,2-Dichloroethene
Concen: 45.282 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

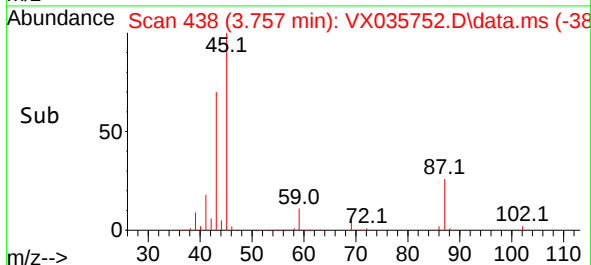
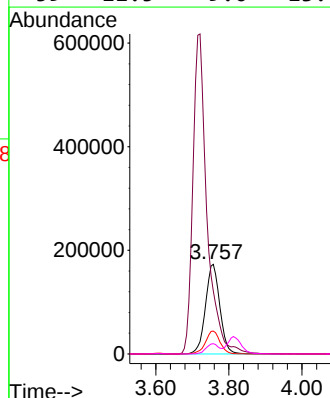
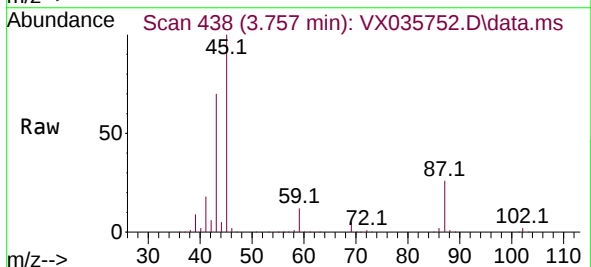
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

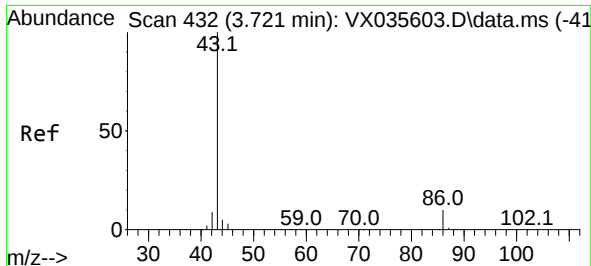
Tgt Ion: 96 Resp: 123451
Ion Ratio Lower Upper
96 100
61 155.3 113.0 169.6
98 62.8 52.1 78.1



#22
Diisopropyl ether
Concen: 45.080 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 45 Resp: 470458
Ion Ratio Lower Upper
45 100
43 69.9 65.4 98.2
87 25.6 20.6 31.0
59 11.5 9.0 13.6

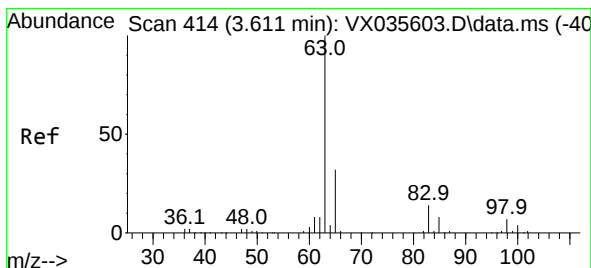
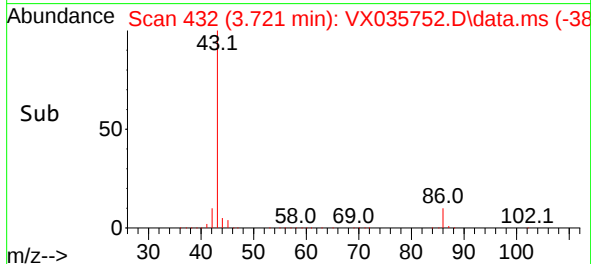
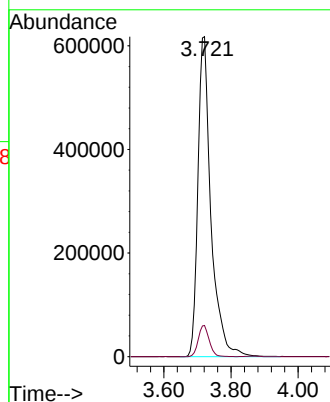
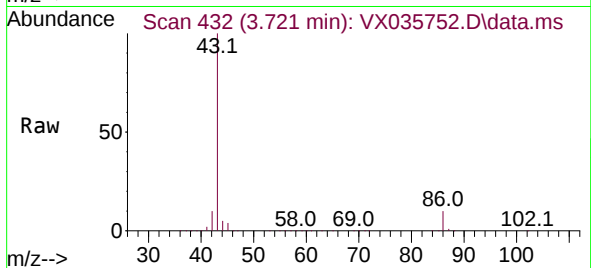




#23
 Vinyl Acetate
 Concen: 226.350 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

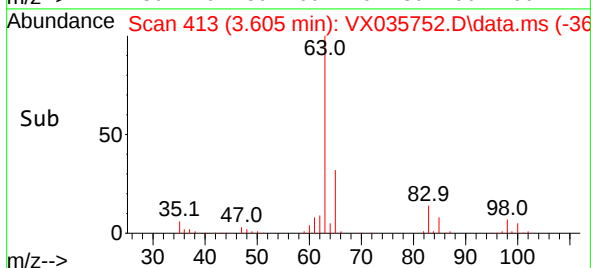
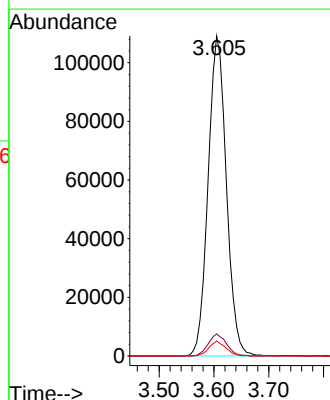
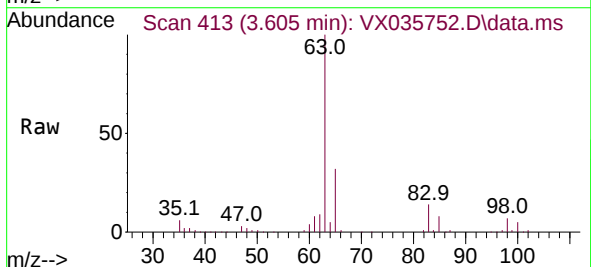
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

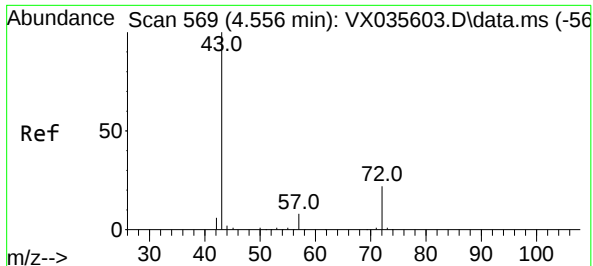
Tgt Ion: 43 Resp: 1671419
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 45.183 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

Tgt Ion: 63 Resp: 252186
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.7 2.4 7.1

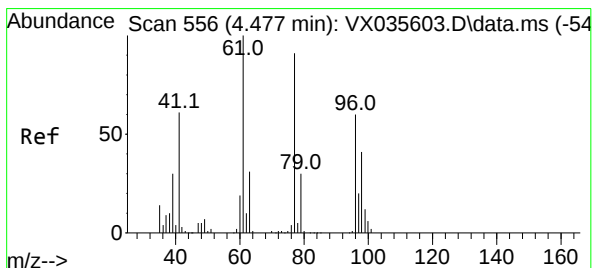
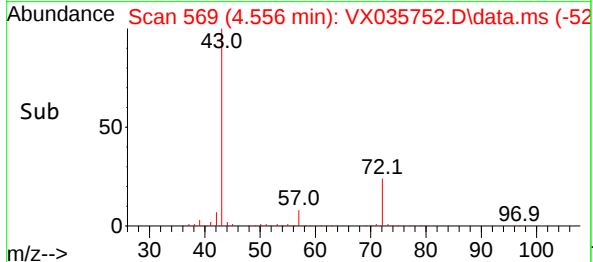
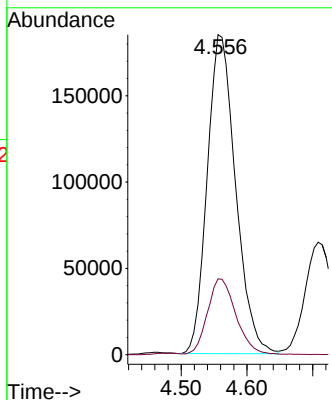
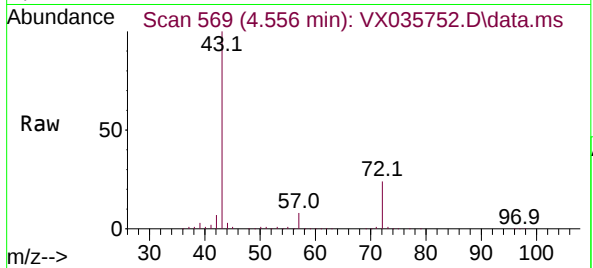




#25
2-Butanone
Concen: 239.018 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

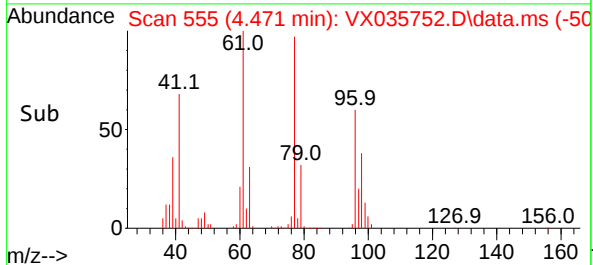
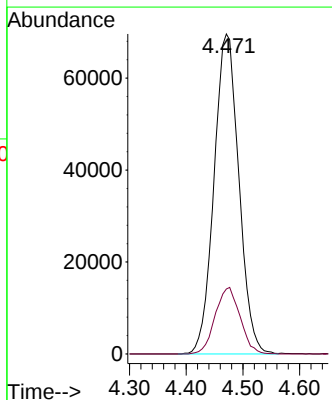
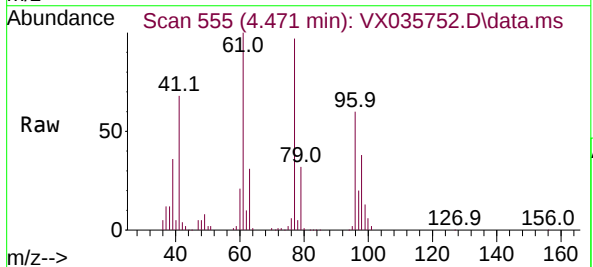
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

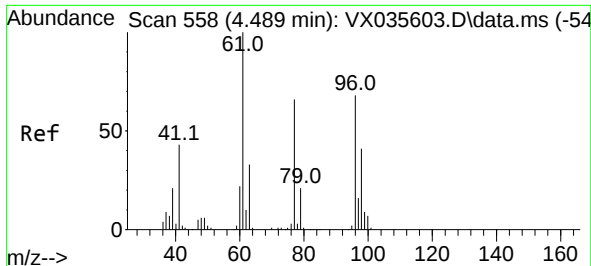
Tgt Ion: 43 Resp: 554264
Ion Ratio Lower Upper
43 100
72 23.6 19.3 28.9



#26
2,2-Dichloropropane
Concen: 44.808 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 77 Resp: 211786
Ion Ratio Lower Upper
77 100
97 20.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 45.212 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

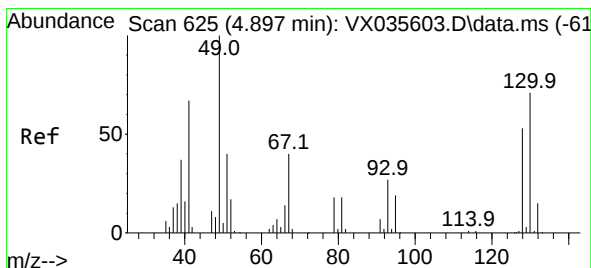
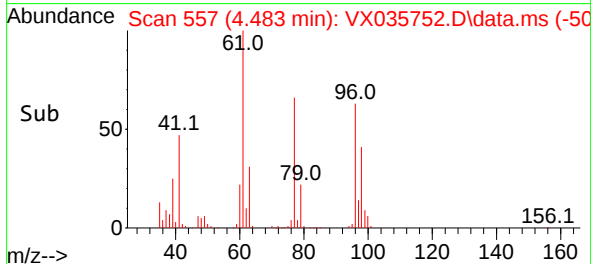
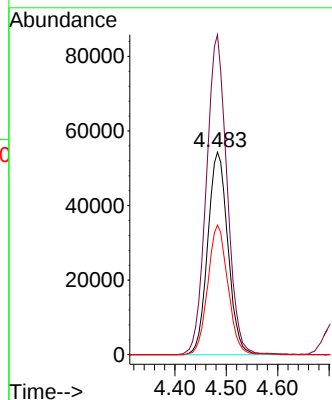
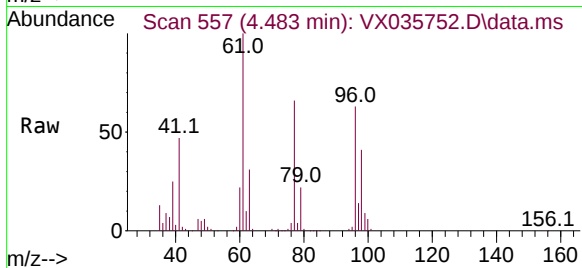
Tgt Ion: 96 Resp: 148173

Ion Ratio Lower Upper

96 100

61 161.6 0.0 300.4

98 63.4 0.0 129.0



#28

Bromochloromethane

Concen: 46.955 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

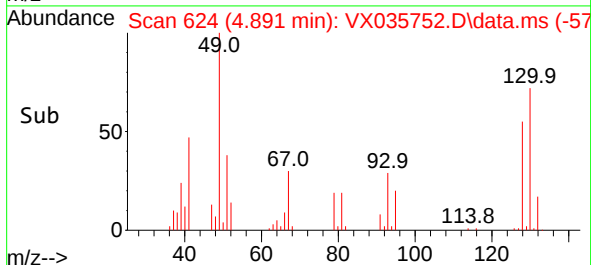
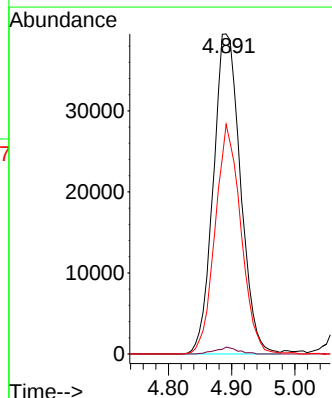
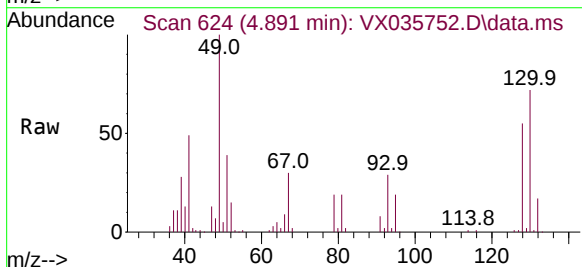
Tgt Ion: 49 Resp: 117880

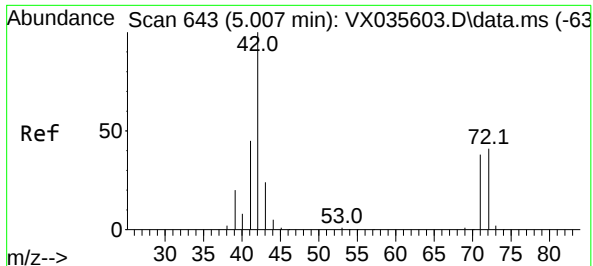
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 67.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 222.109 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

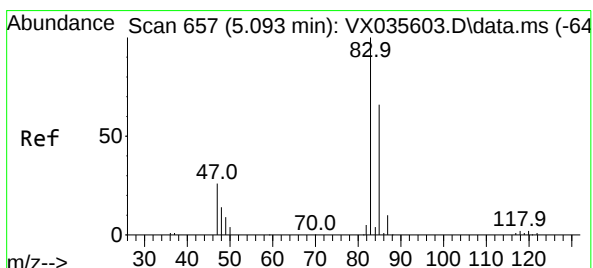
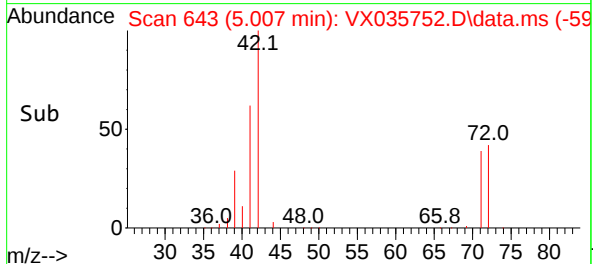
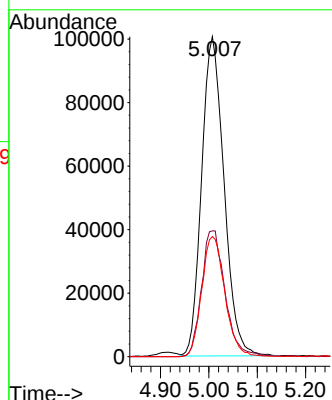
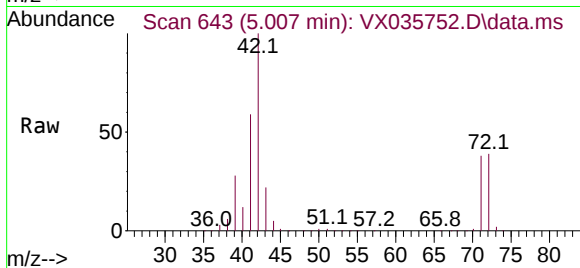
Tgt Ion: 42 Resp: 323729

Ion Ratio Lower Upper

42 100

72 41.4 34.5 51.7

71 38.7 32.1 48.1



#30

Chloroform

Concen: 45.715 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX035752.D

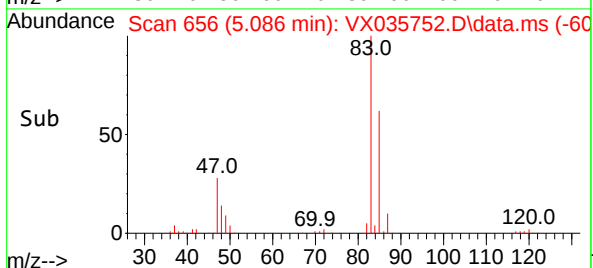
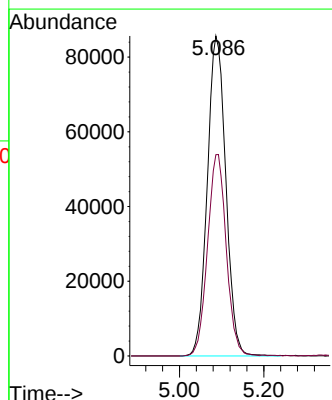
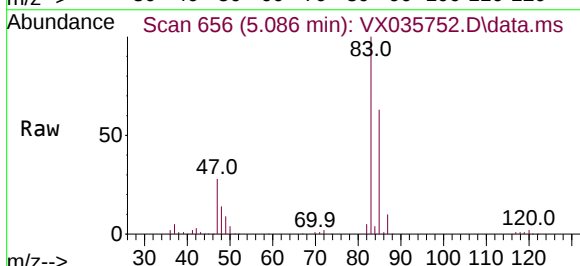
Acq: 19 May 2023 09:05

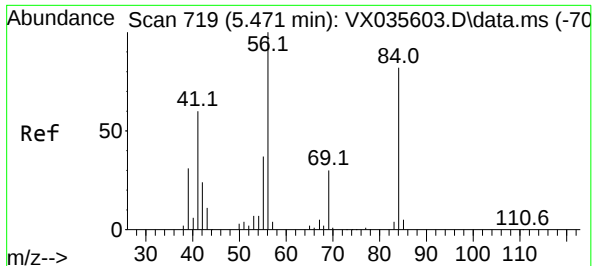
Tgt Ion: 83 Resp: 261461

Ion Ratio Lower Upper

83 100

85 62.9 50.6 76.0

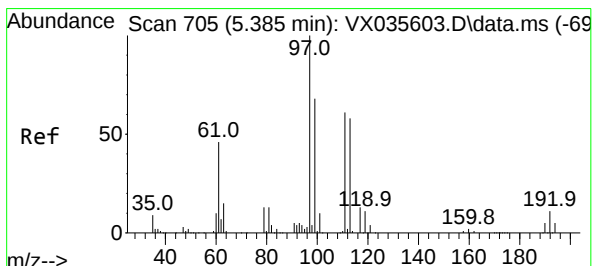
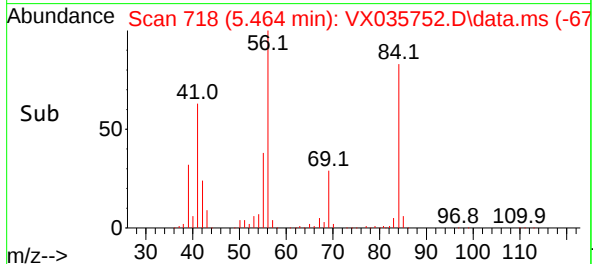
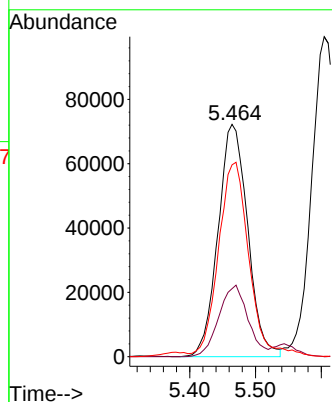
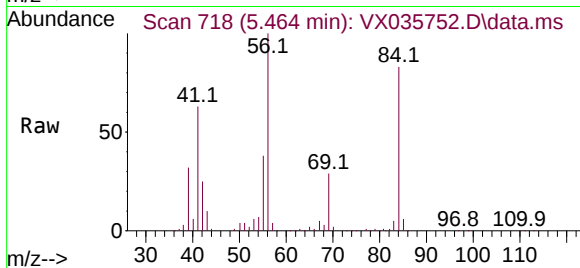




#31
Cyclohexane
Concen: 45.995 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

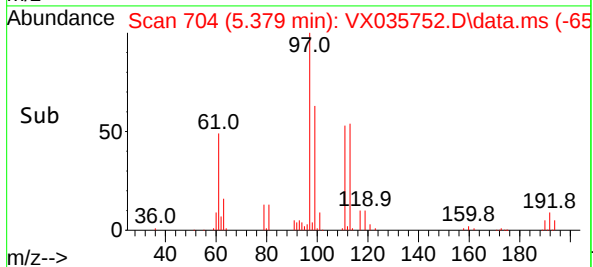
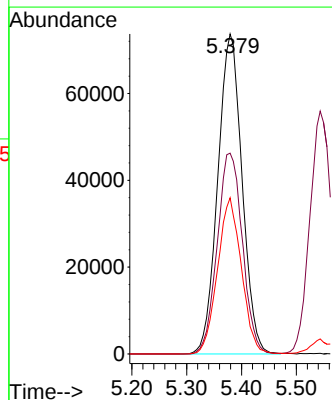
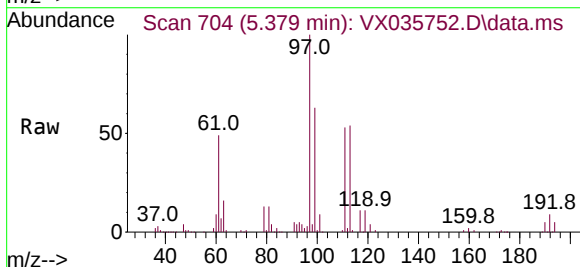
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

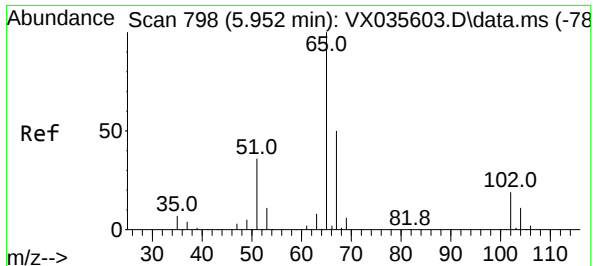
Tgt Ion: 56 Resp: 226490
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 80.9 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 45.604 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 97 Resp: 226938
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 47.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 42.931 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

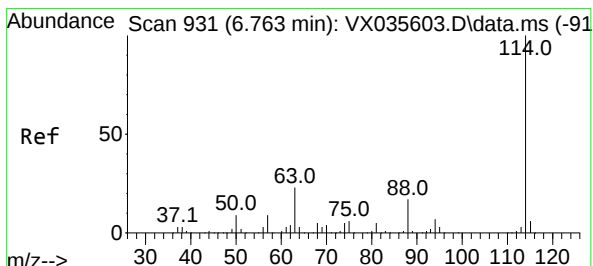
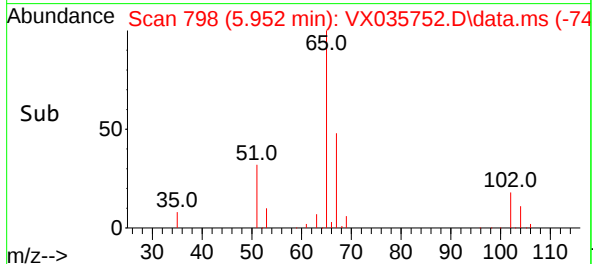
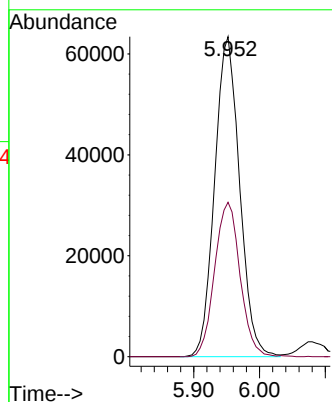
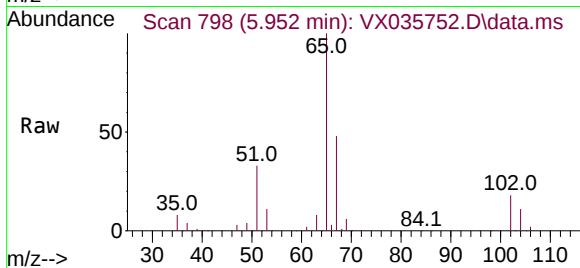
VSTDCCC050

Tgt Ion: 65 Resp: 167326

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

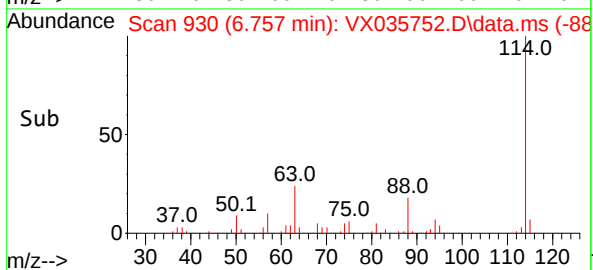
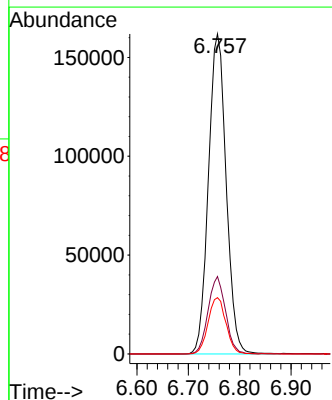
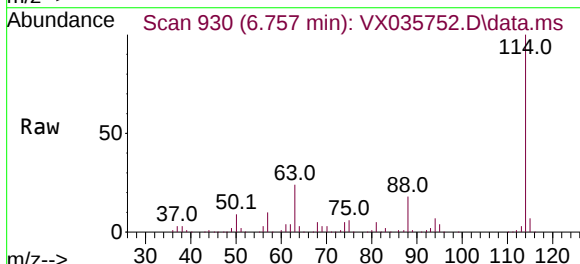
Tgt Ion: 114 Resp: 387717

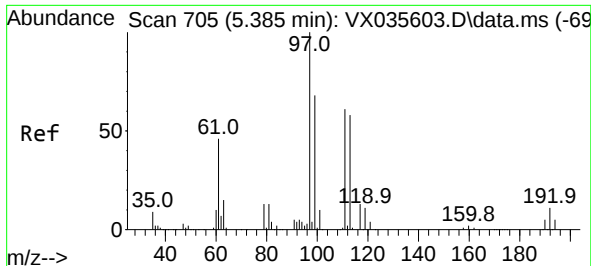
Ion Ratio Lower Upper

114 100

63 24.2 0.0 42.2

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.485 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

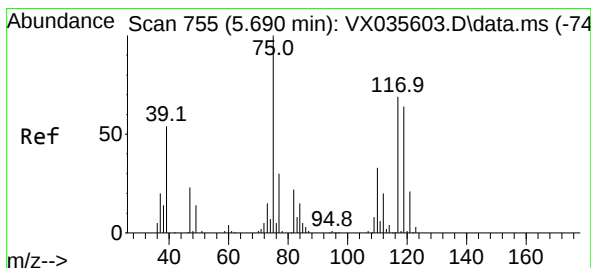
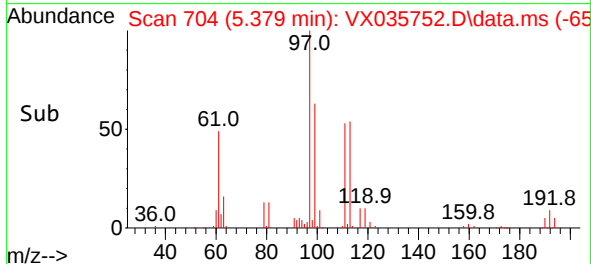
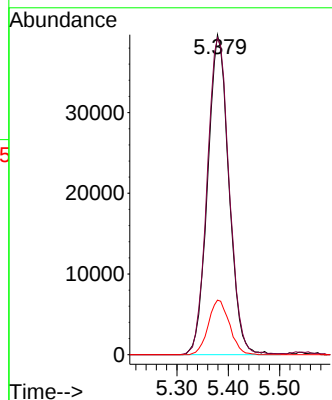
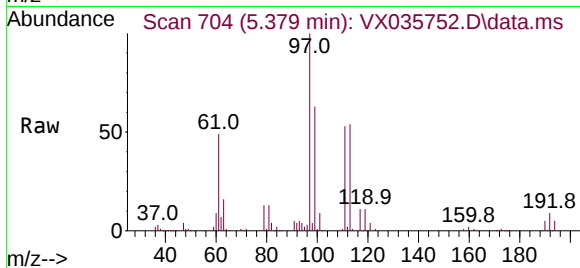
Tgt Ion:113 Resp: 113703

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 17.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 47.342 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

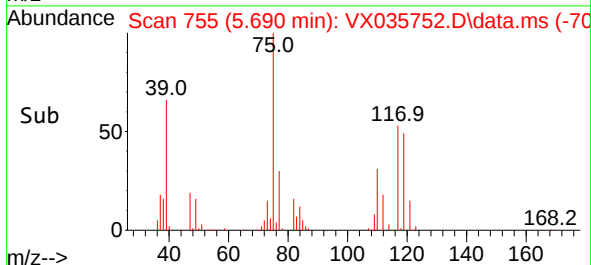
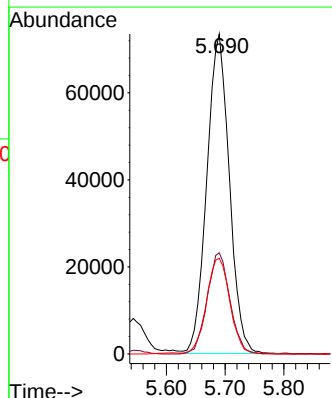
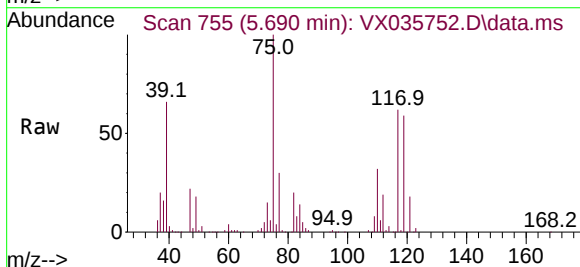
Tgt Ion: 75 Resp: 195395

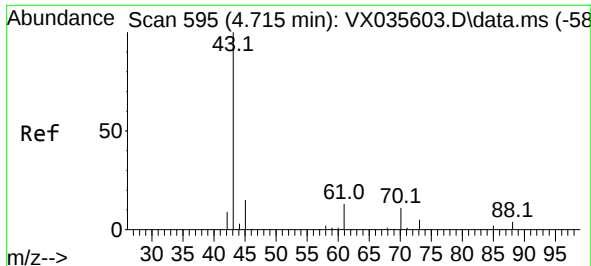
Ion Ratio Lower Upper

75 100

110 32.0 17.5 52.5

77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 45.476 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

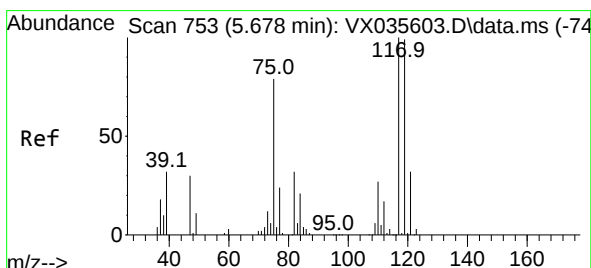
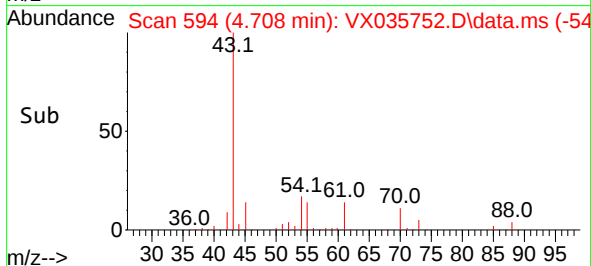
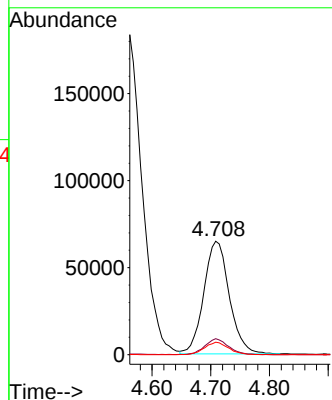
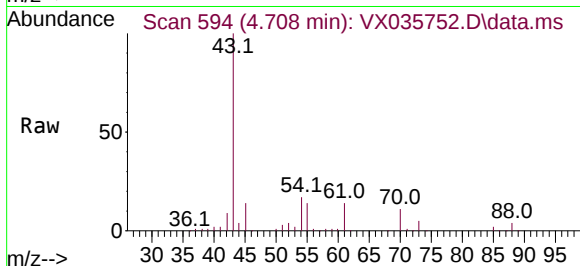
Tgt Ion: 43 Resp: 195771

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

70 10.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 48.445 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

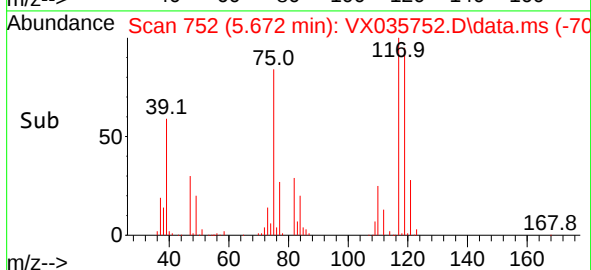
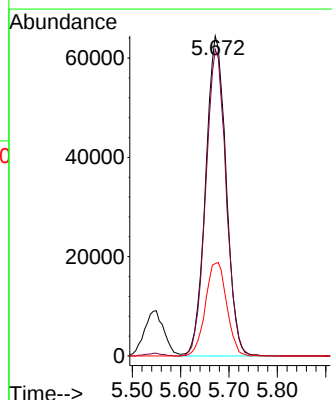
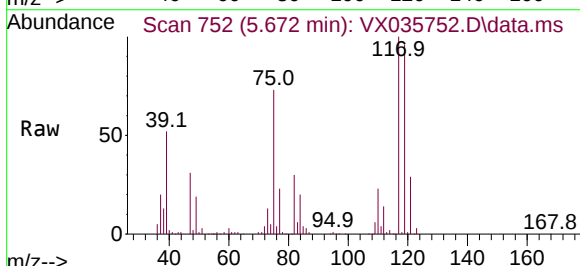
Tgt Ion: 117 Resp: 189406

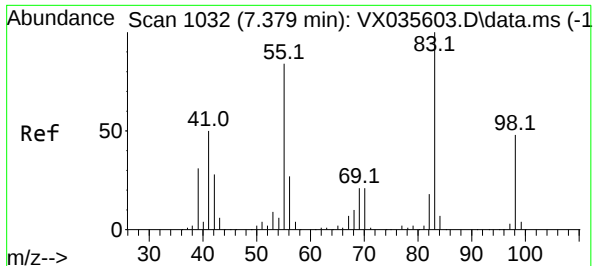
Ion Ratio Lower Upper

117 100

119 95.8 76.6 114.8

121 28.8 23.8 35.6





#39

Methylcyclohexane

Concen: 48.134 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

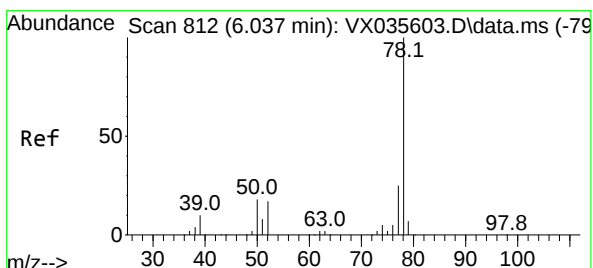
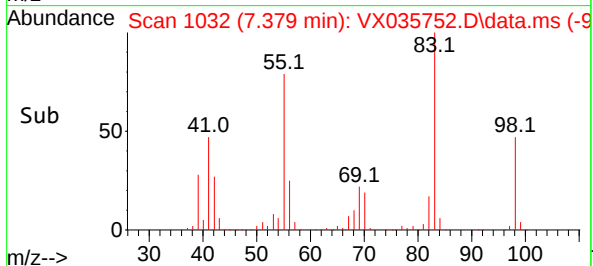
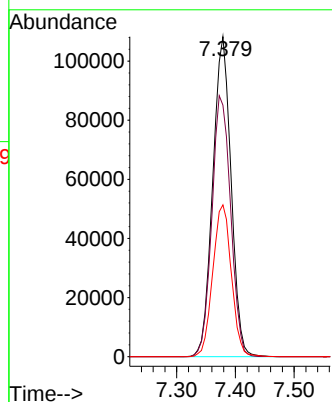
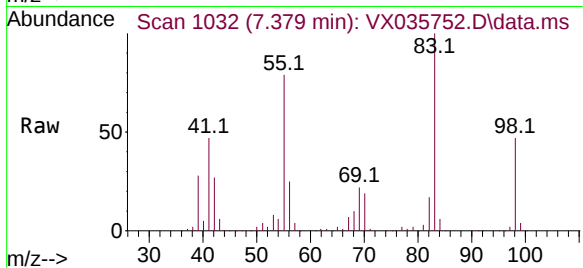
Tgt Ion: 83 Resp: 233854

Ion Ratio Lower Upper

83 100

55 78.6 60.5 90.7

98 47.5 40.4 60.6



#40

Benzene

Concen: 46.144 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX035752.D

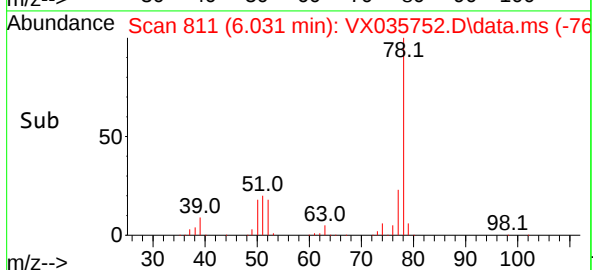
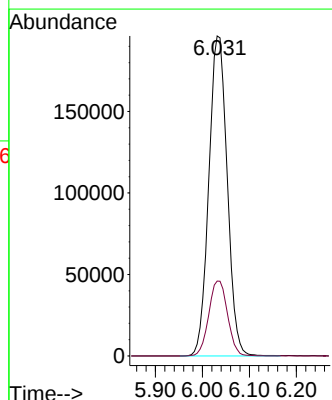
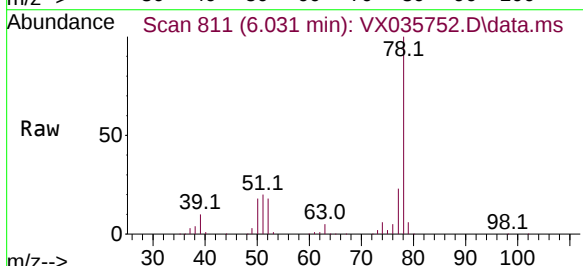
Acq: 19 May 2023 09:05

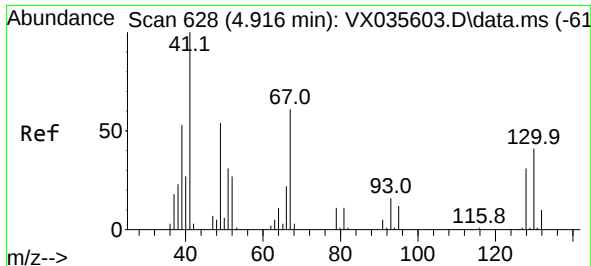
Tgt Ion: 78 Resp: 532788

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



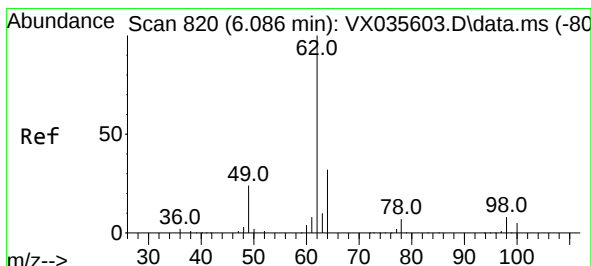
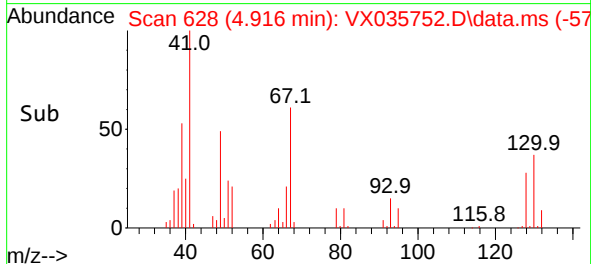
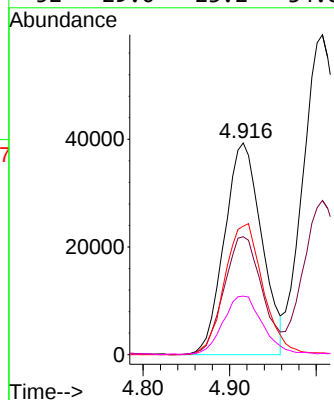
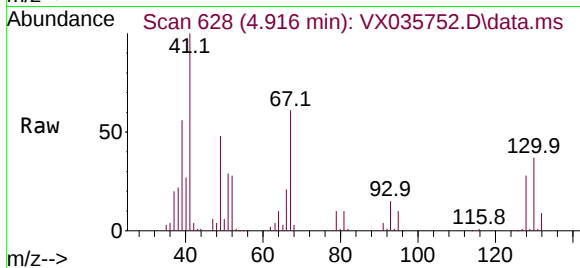


#41
Methacrylonitrile
Concen: 46.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 117575

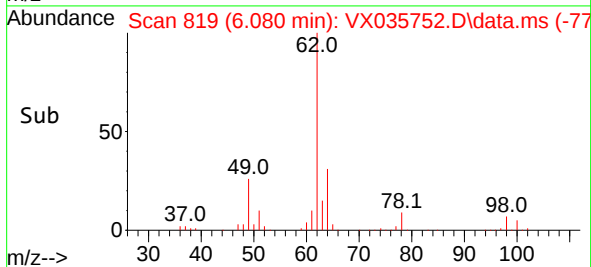
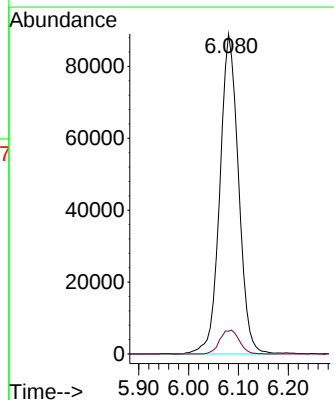
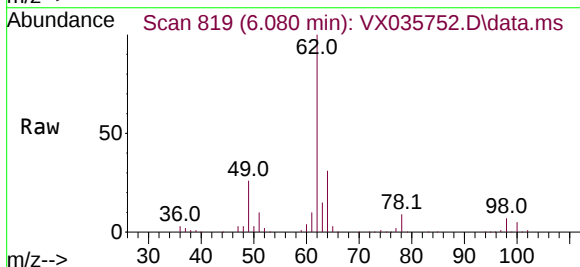
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.0	67.6
67	64.3	55.6	83.4
52	29.0	23.2	34.8

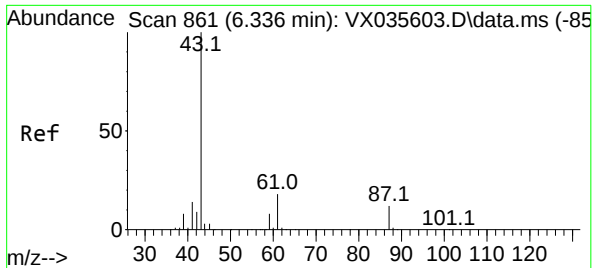


#42
1,2-Dichloroethane
Concen: 46.670 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 62 Resp: 231798

Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	18.0

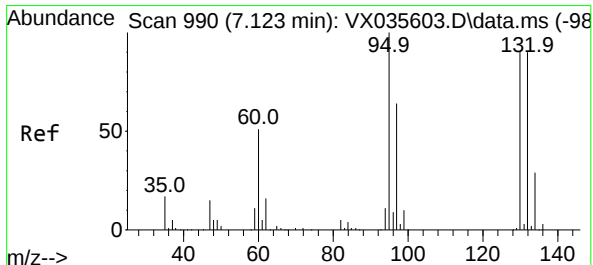
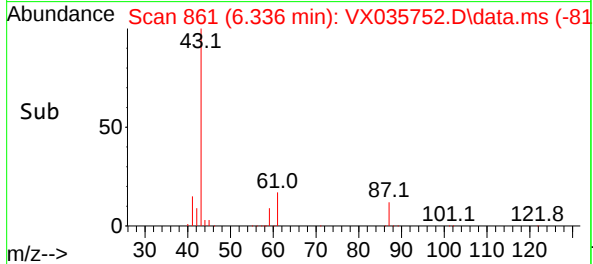
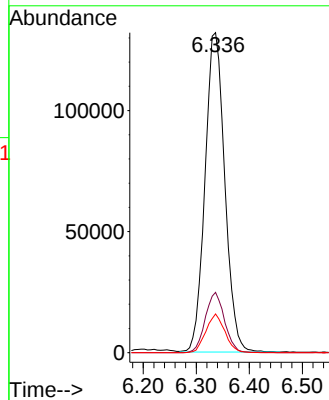
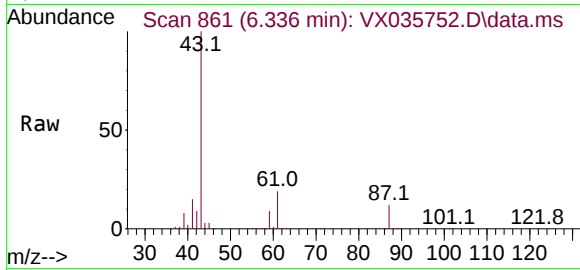




#43
Isopropyl Acetate
Concen: 45.542 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

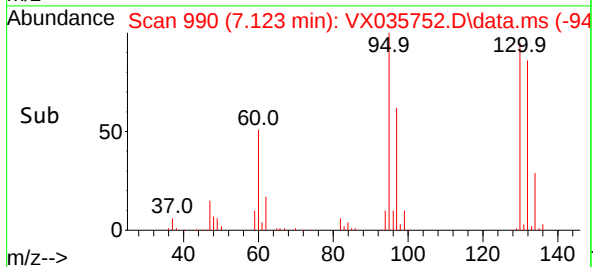
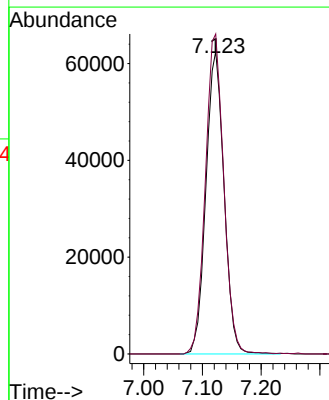
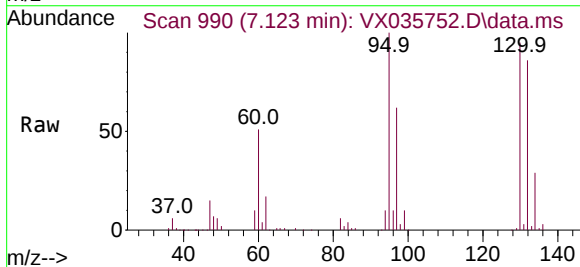
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 341874
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 11.6 9.8 14.8



#44
Trichloroethene
Concen: 45.724 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:130 Resp: 133864
Ion Ratio Lower Upper
130 100
95 105.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 46.517 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

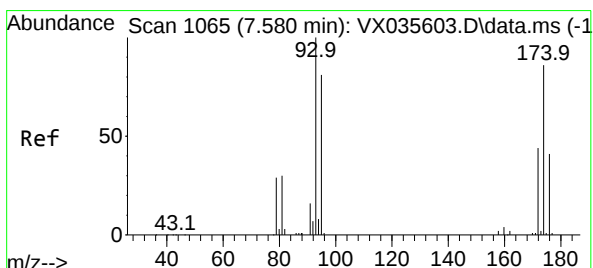
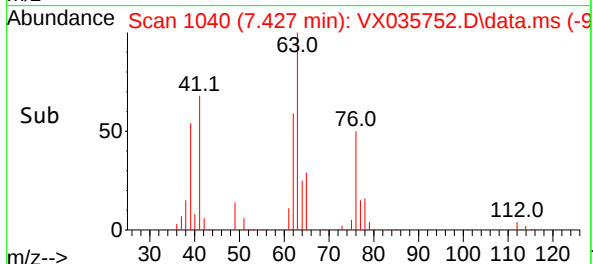
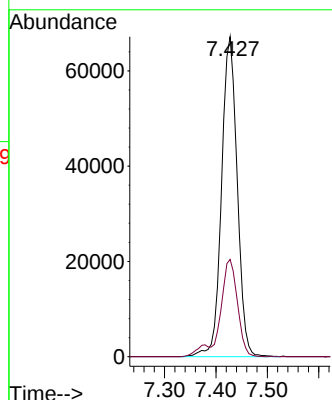
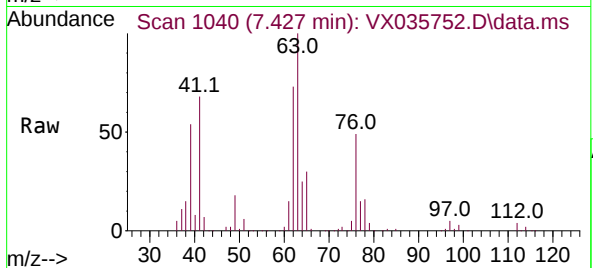
VSTDCCC050

Tgt Ion: 63 Resp: 142246

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 47.083 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

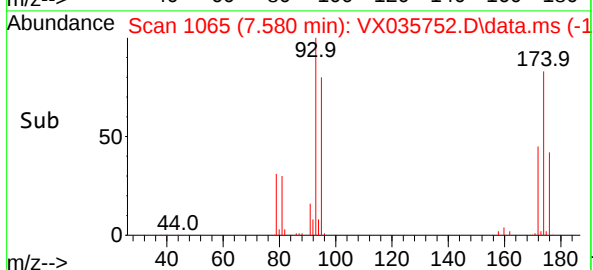
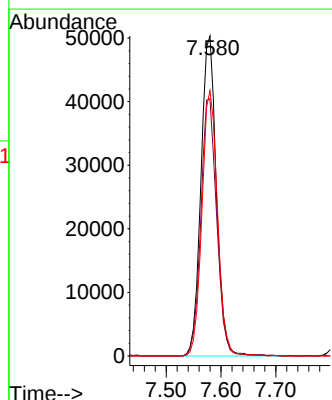
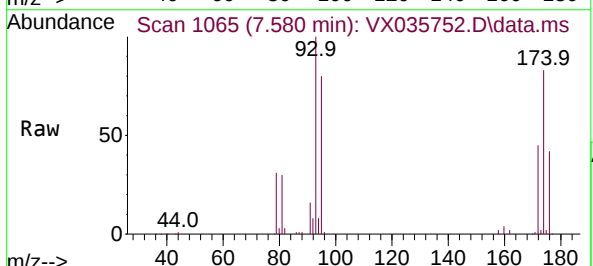
Tgt Ion: 93 Resp: 98553

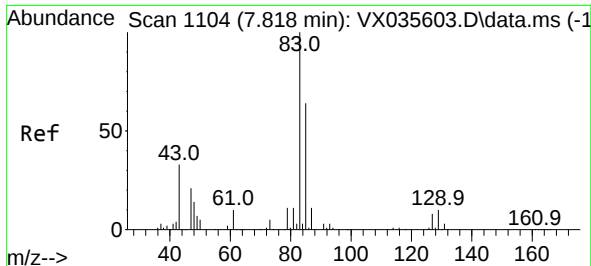
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 83.4 75.4 113.0

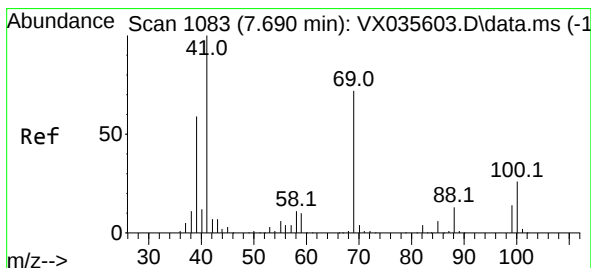
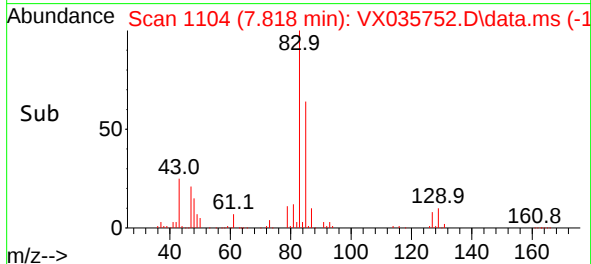
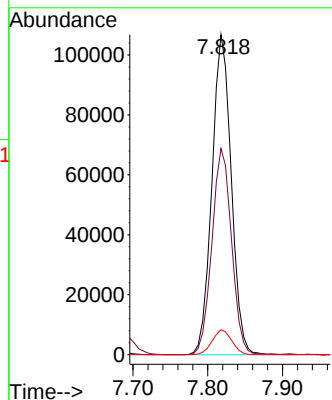
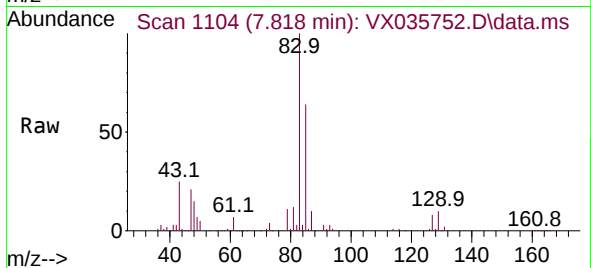




#47
Bromodichloromethane
Concen: 47.493 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

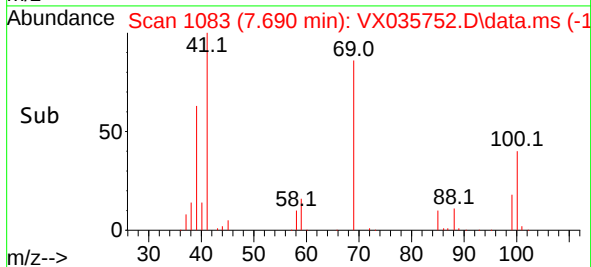
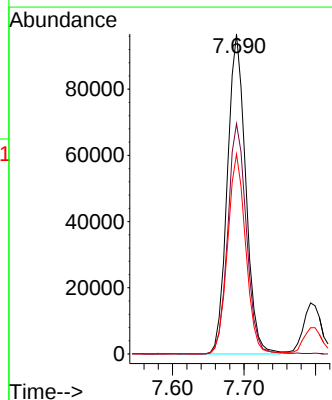
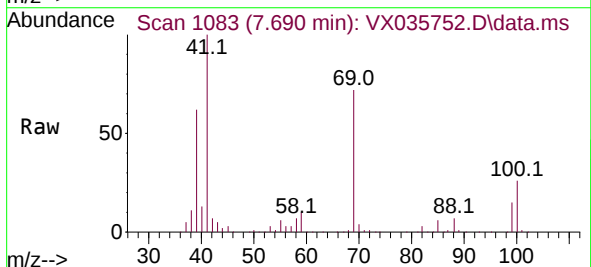
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

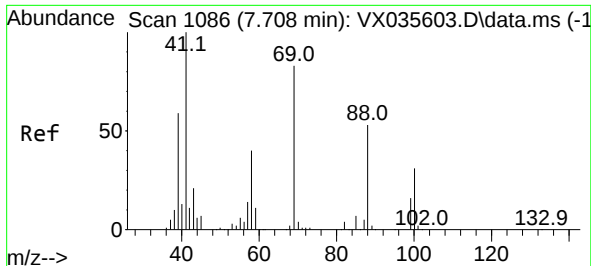
Tgt Ion: 83 Resp: 192150
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 46.498 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 41 Resp: 172261
Ion Ratio Lower Upper
41 100
69 72.6 62.2 93.4
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 708.926 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

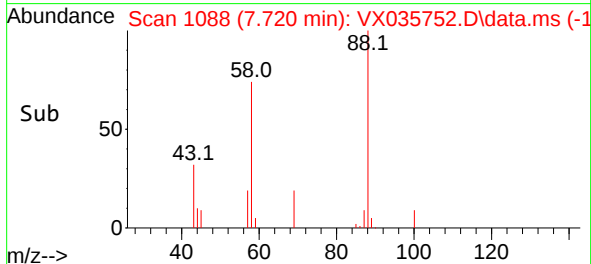
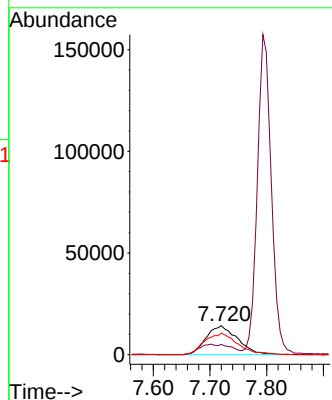
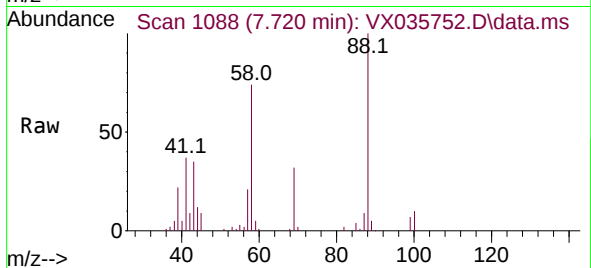
Tgt Ion: 88 Resp: 54583

Ion Ratio Lower Upper

88 100

43 21.3 27.7 41.5#

58 78.4 56.8 85.2



#50

Toluene-d8

Concen: 42.866 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035752.D

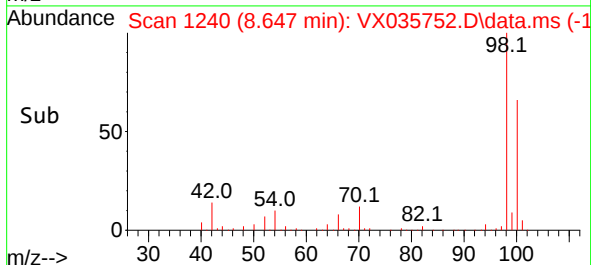
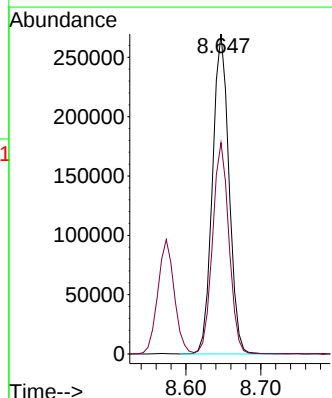
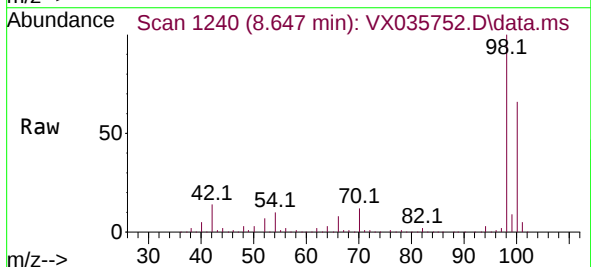
Acq: 19 May 2023 09:05

Tgt Ion: 98 Resp: 414062

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7

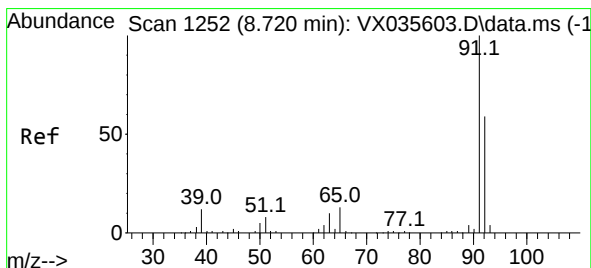
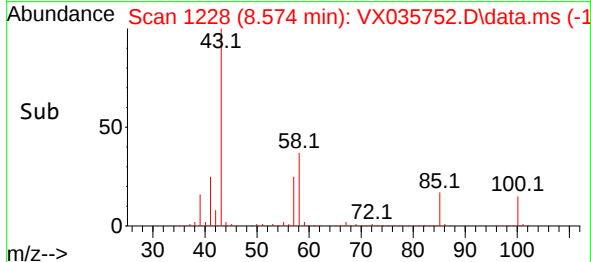
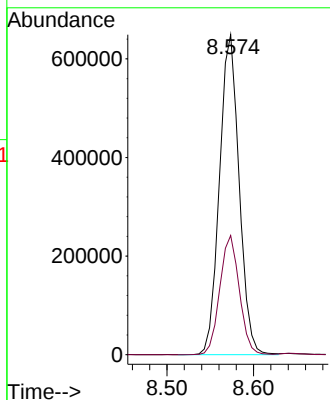
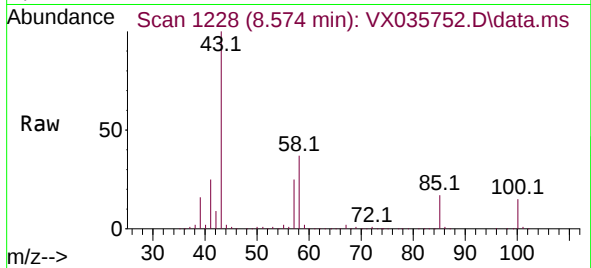




#51
4-Methyl-2-Pentanone
Concen: 236.568 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

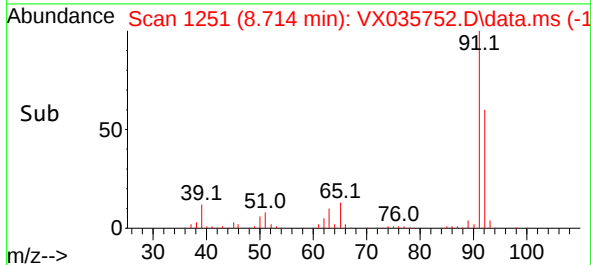
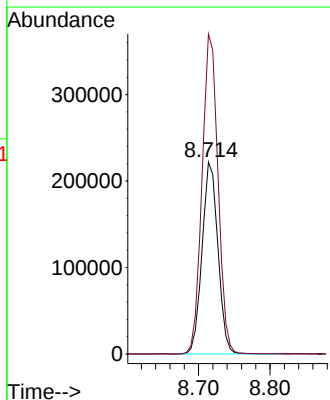
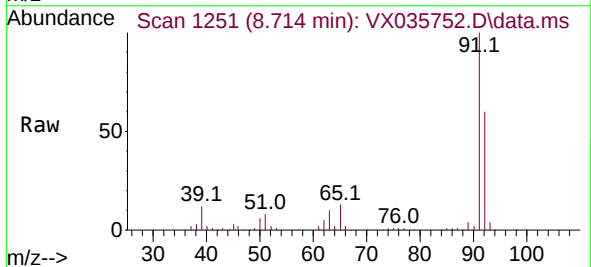
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

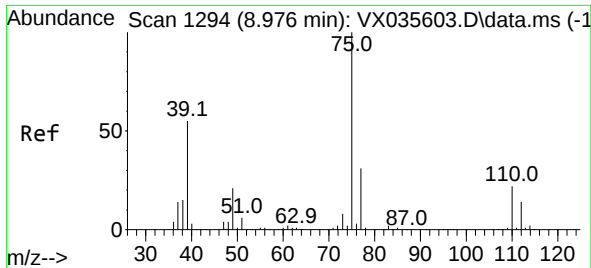
Tgt Ion: 43 Resp: 1023084
Ion Ratio Lower Upper
43 100
58 37.0 30.6 46.0



#52
Toluene
Concen: 46.867 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 92 Resp: 341581
Ion Ratio Lower Upper
92 100
91 168.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 48.435 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

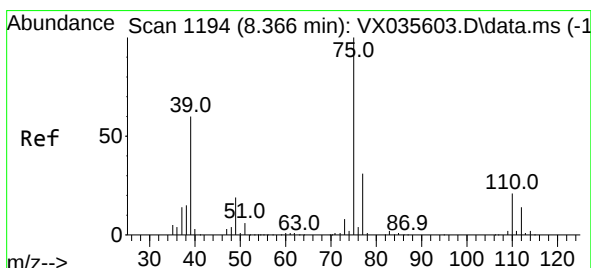
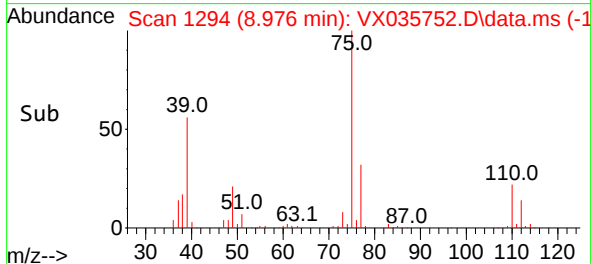
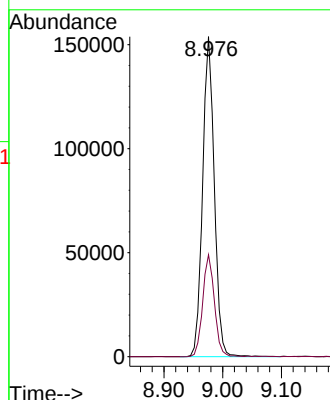
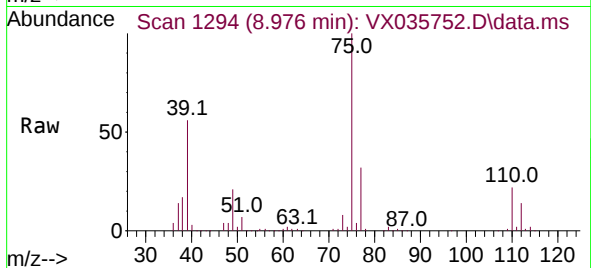
VSTDCCC050

Tgt Ion: 75 Resp: 212901

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.658 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

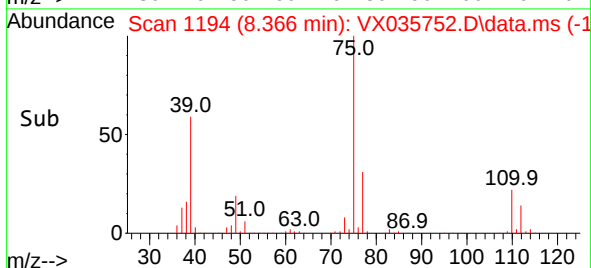
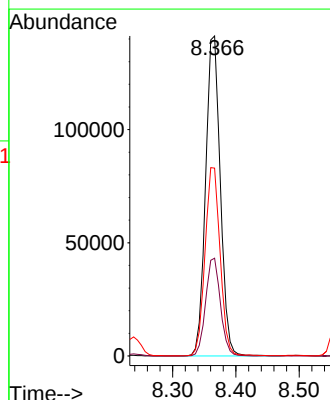
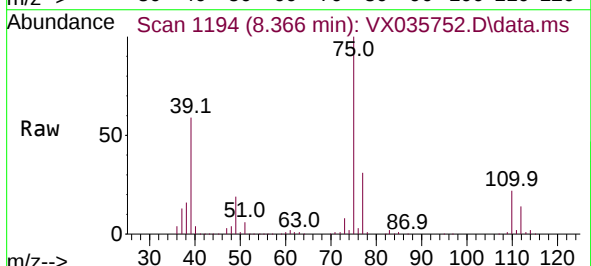
Tgt Ion: 75 Resp: 229153

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 58.7 44.6 66.8



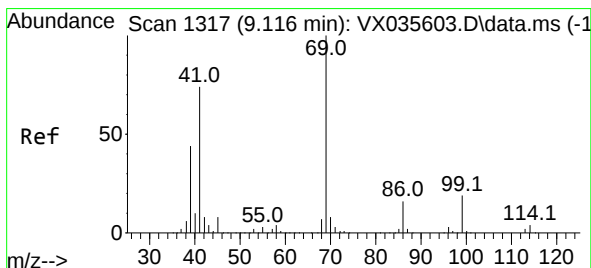
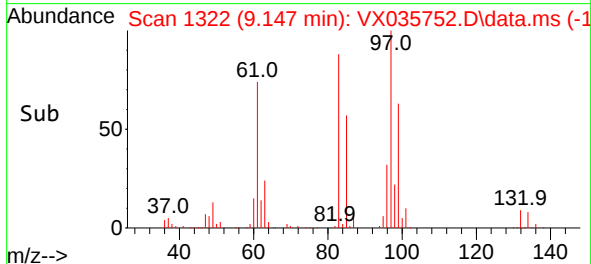
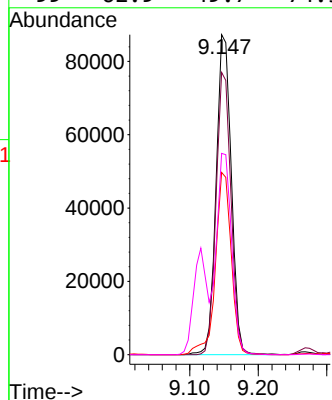
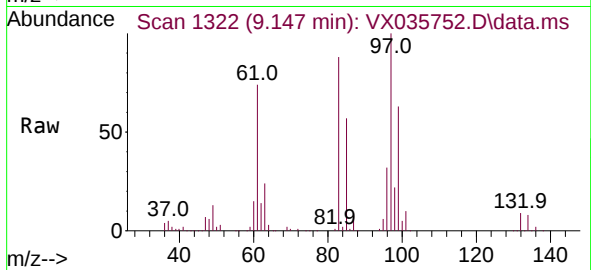


#55
1,1,2-Trichloroethane
Concen: 46.715 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 133727

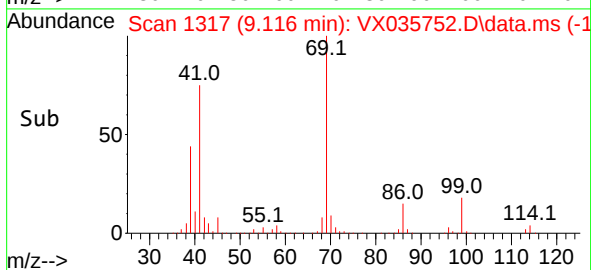
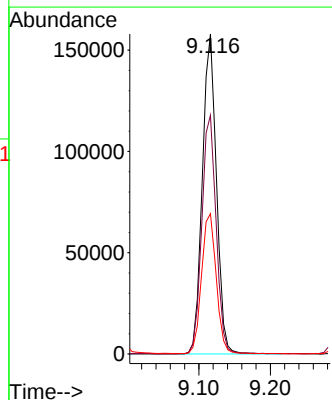
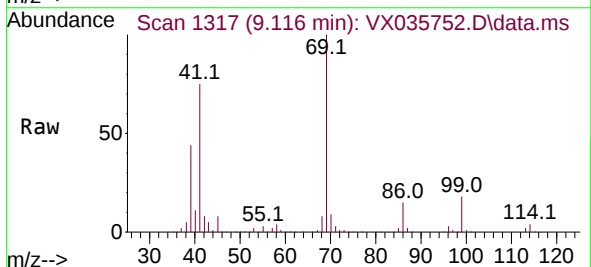
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.7	104.5
85	57.0	43.7	65.5
99	62.9	49.7	74.5

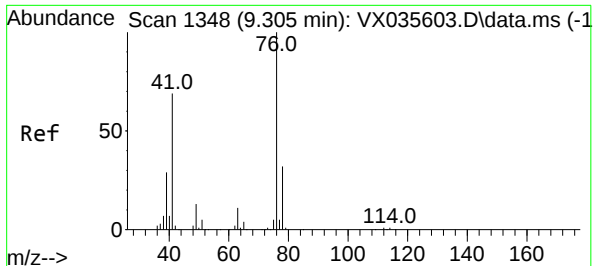


#56
Ethyl methacrylate
Concen: 46.680 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 69 Resp: 216396

Ion	Ratio	Lower	Upper
69	100		
41	76.3	57.4	86.0
39	45.5	33.7	50.5





#57

1,3-Dichloropropane

Concen: 46.403 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

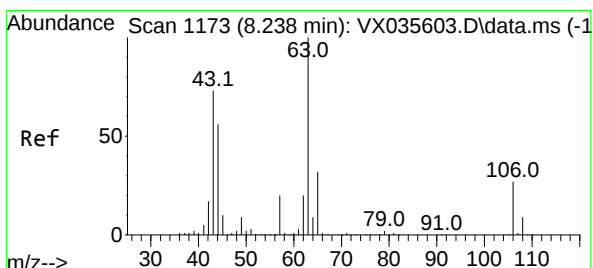
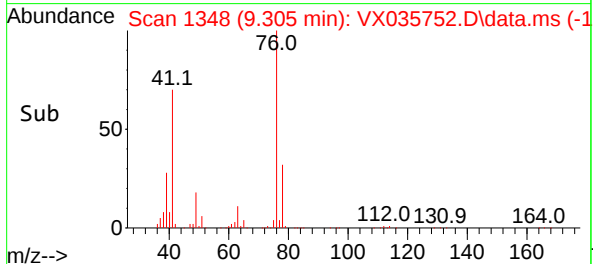
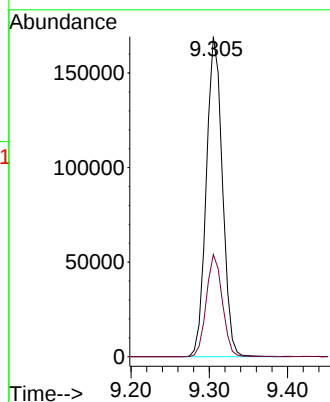
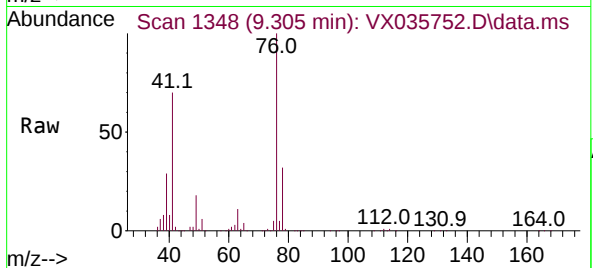
VSTDCCC050

Tgt Ion: 76 Resp: 240805

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 223.370 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035752.D

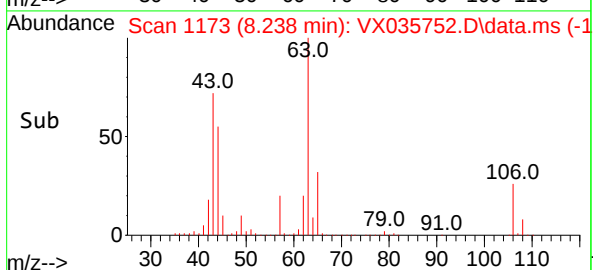
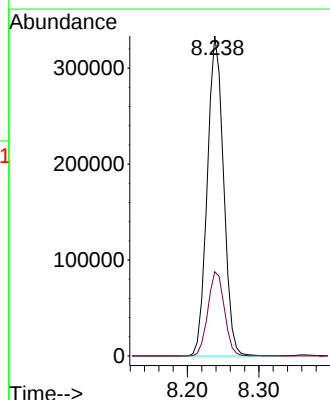
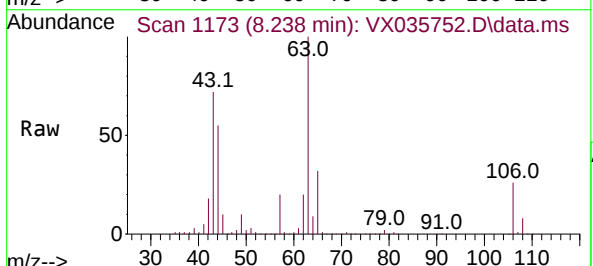
Acq: 19 May 2023 09:05

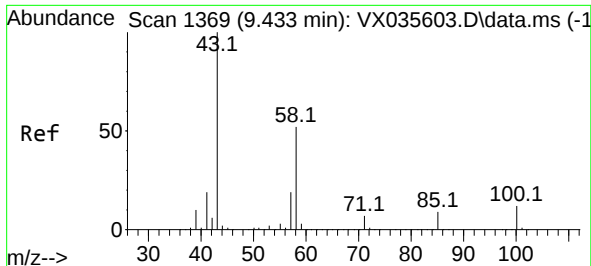
Tgt Ion: 63 Resp: 526772

Ion Ratio Lower Upper

63 100

106 26.7 22.2 33.2





#59

2-Hexanone

Concen: 244.742 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

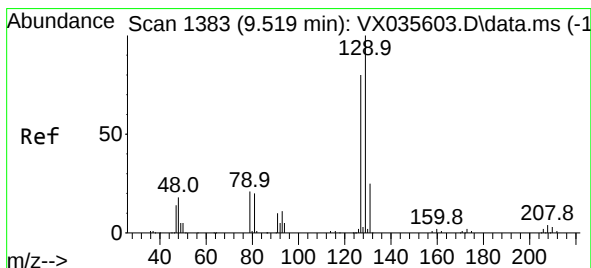
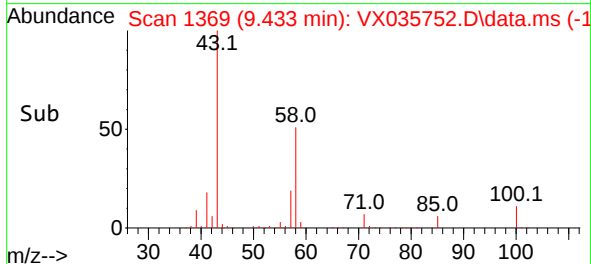
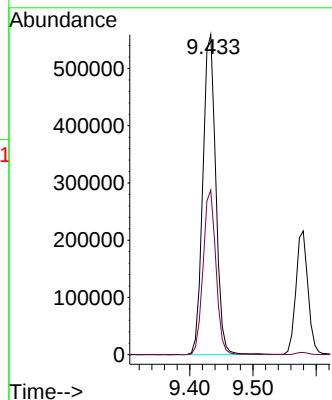
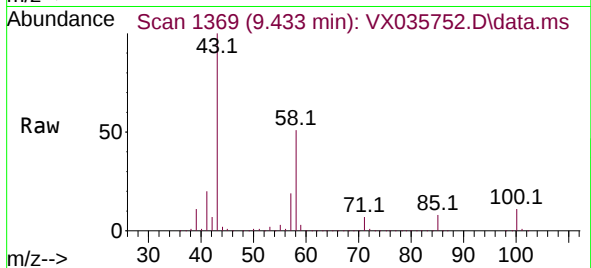
VSTDCCC050

Tgt Ion: 43 Resp: 797102

Ion Ratio Lower Upper

43 100

58 51.0 26.3 78.9



#60

Dibromochloromethane

Concen: 48.823 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX035752.D

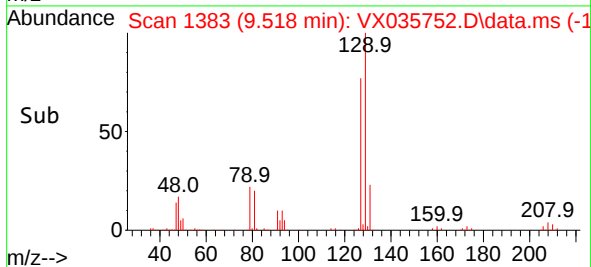
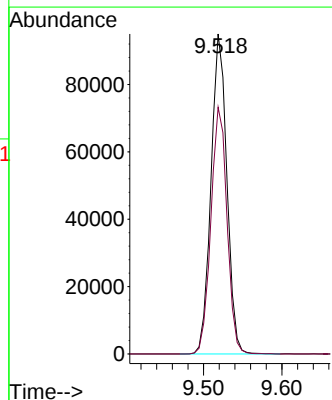
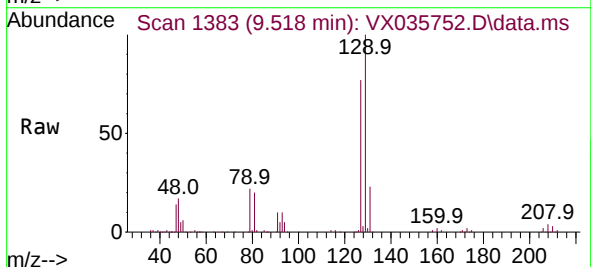
Acq: 19 May 2023 09:05

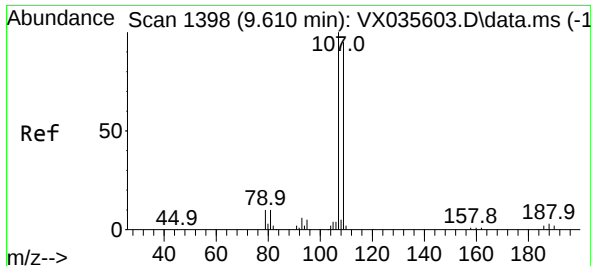
Tgt Ion: 129 Resp: 133223

Ion Ratio Lower Upper

129 100

127 78.4 39.0 117.0

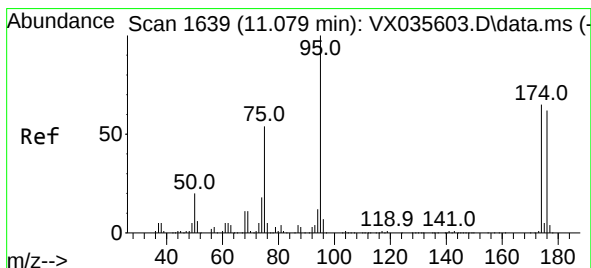
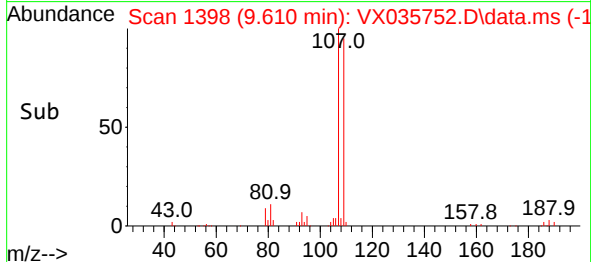
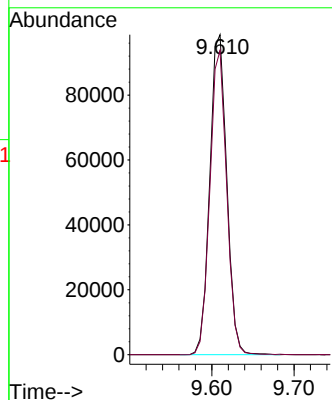
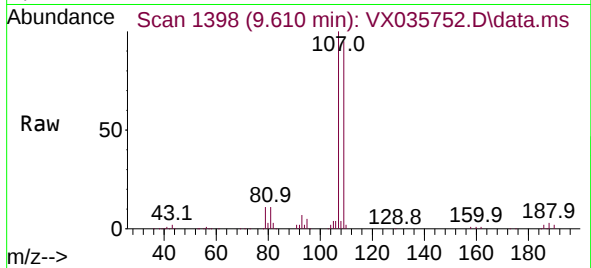




#61
1,2-Dibromoethane
Concen: 46.995 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

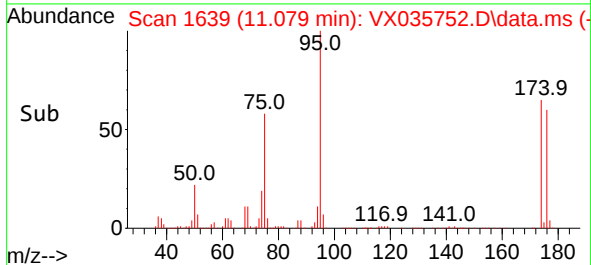
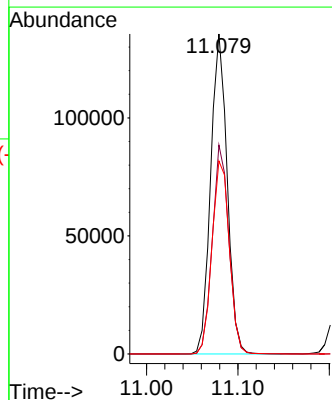
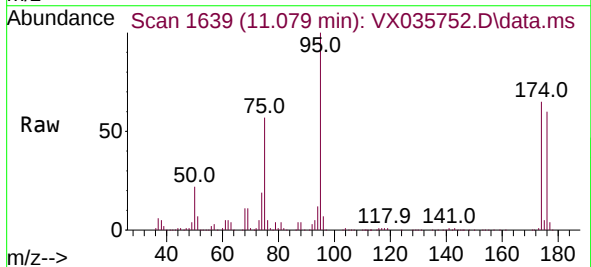
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

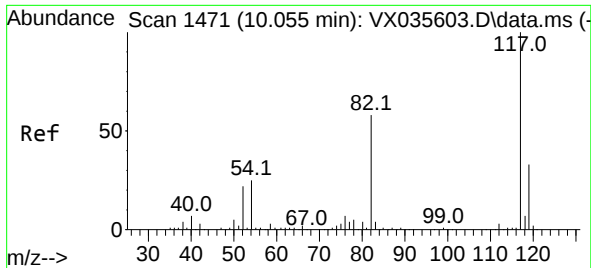
Tgt Ion:107 Resp: 141740
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 43.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 95 Resp: 169402
Ion Ratio Lower Upper
95 100
174 65.4 0.0 147.4
176 63.6 0.0 140.6

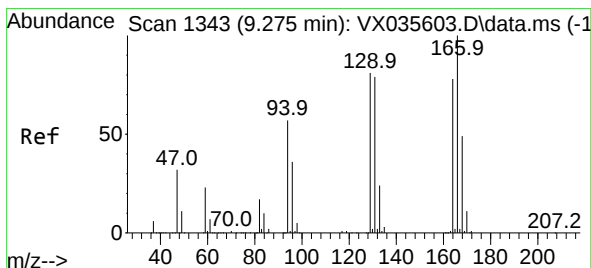
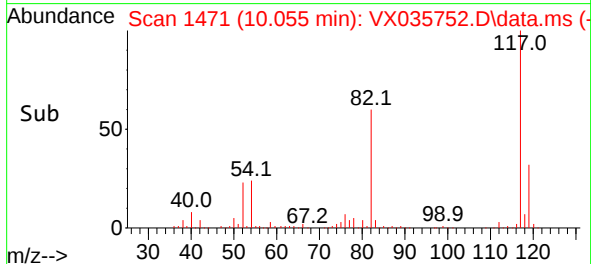
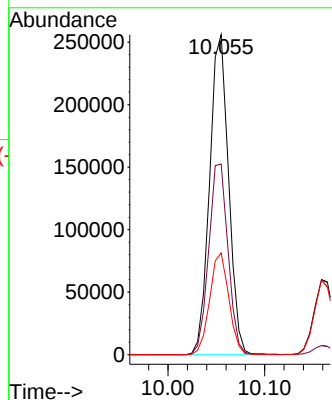
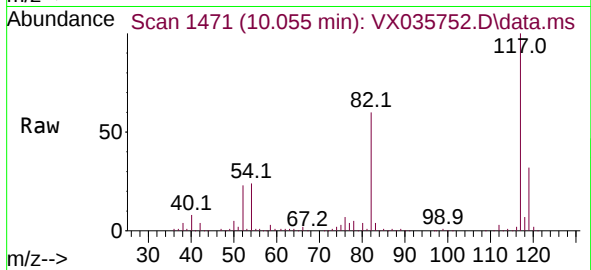




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

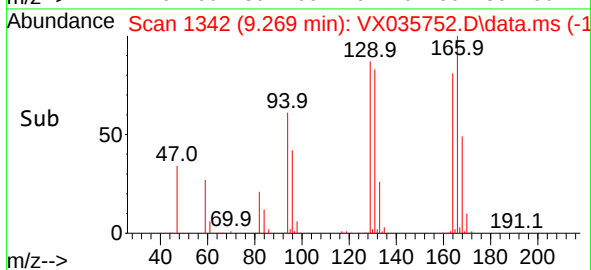
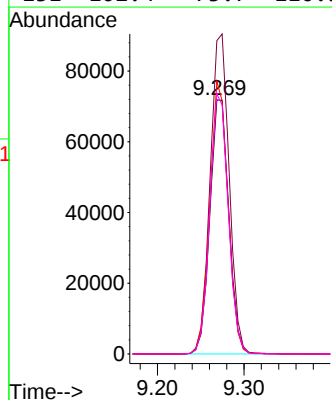
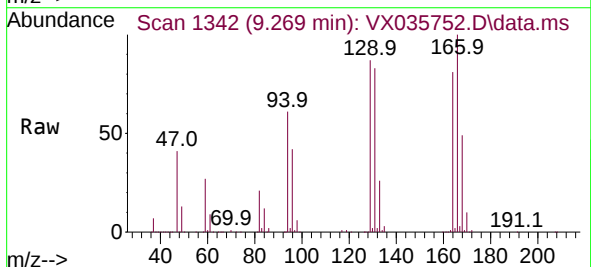
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

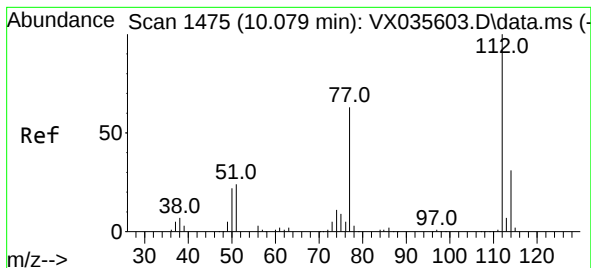
Tgt Ion:117 Resp: 349784
Ion Ratio Lower Upper
117 100
82 59.6 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 46.305 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:164 Resp: 109042
Ion Ratio Lower Upper
164 100
166 123.3 102.7 154.1
129 107.2 75.6 113.4
131 102.4 73.7 110.5

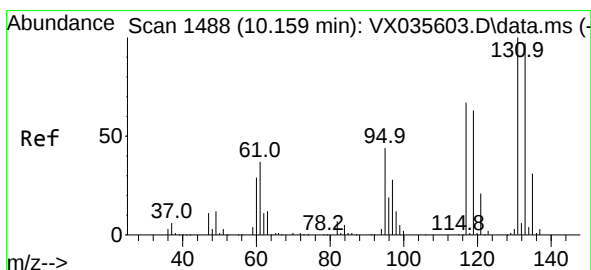
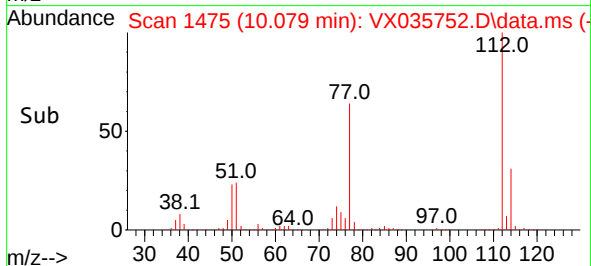
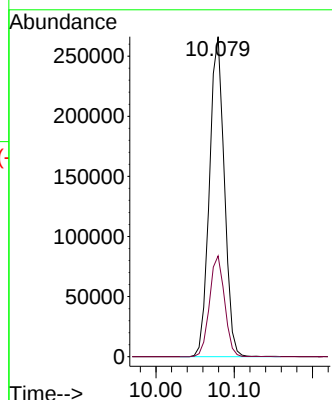
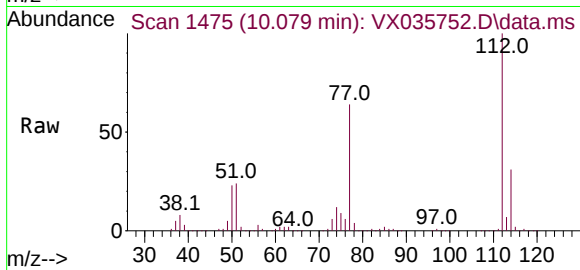




#65
Chlorobenzene
Concen: 46.019 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

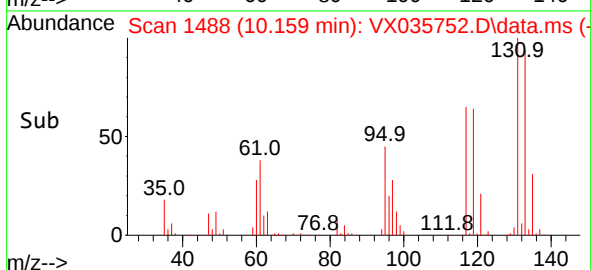
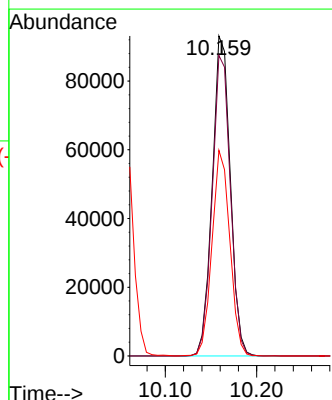
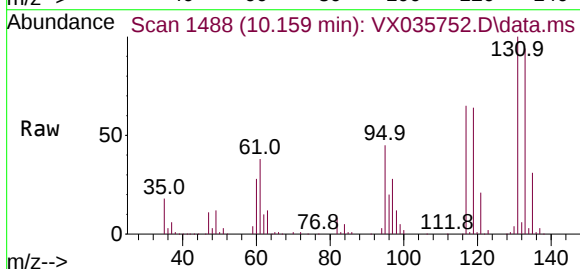
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

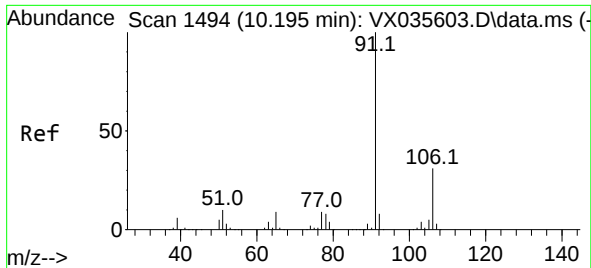
Tgt Ion:112 Resp: 351374
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.200 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:131 Resp: 127431
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 63.7 32.6 98.0

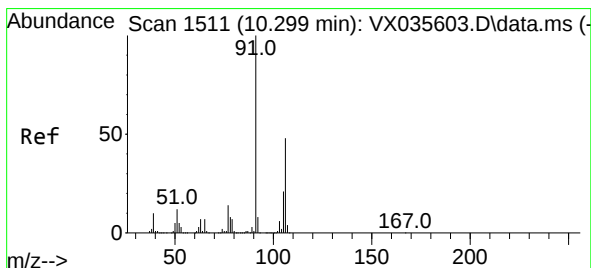
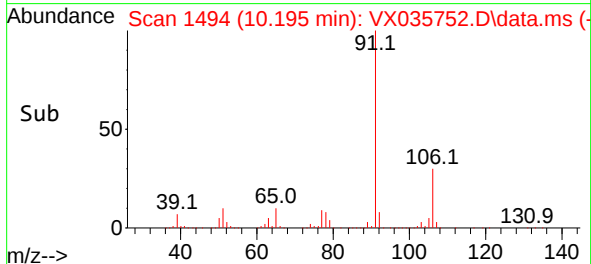
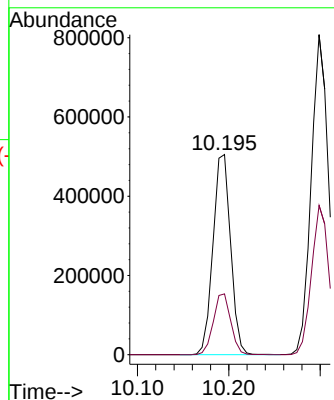
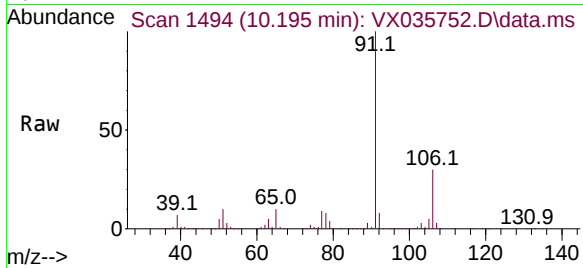




#67
Ethyl Benzene
Concen: 47.069 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

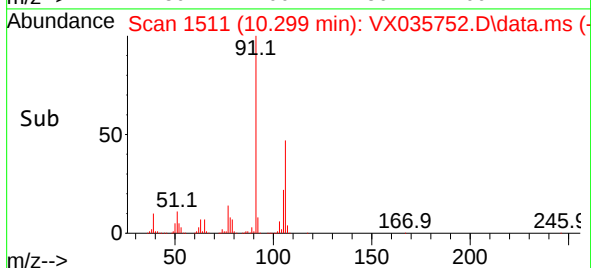
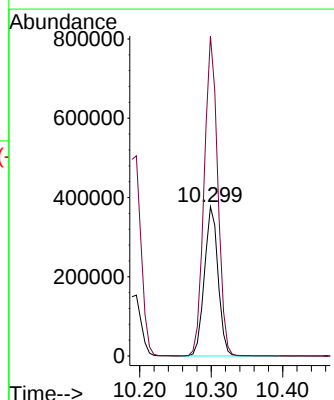
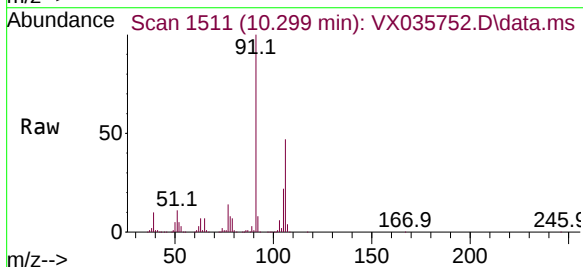
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

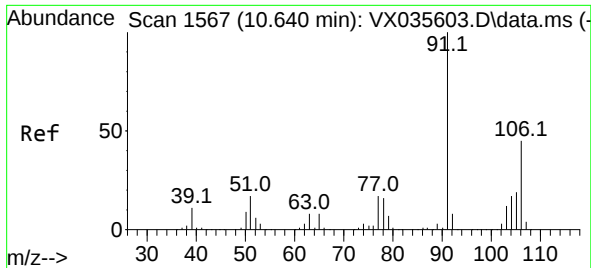
Tgt Ion: 91 Resp: 675923
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 94.469 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 106 Resp: 501444
Ion Ratio Lower Upper
106 100
91 212.4 164.0 246.0

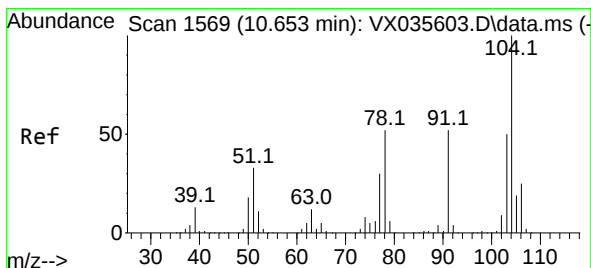
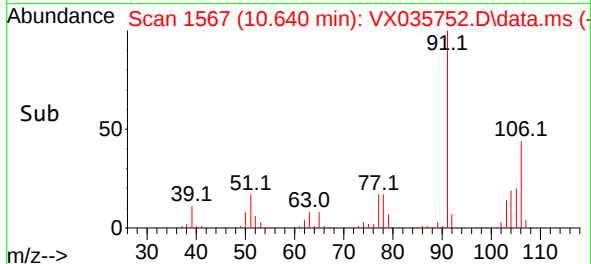
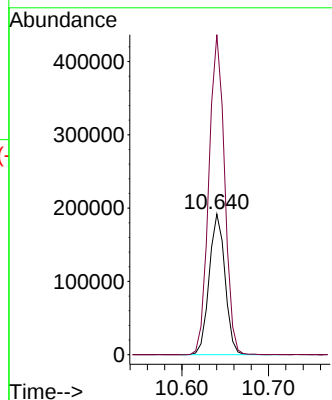
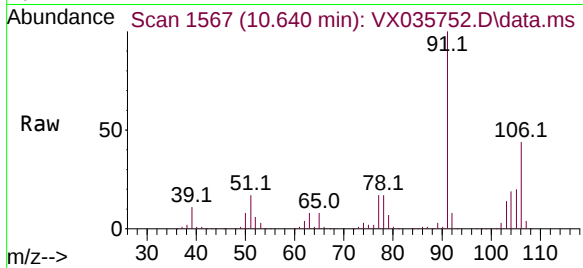




#69
o-Xylene
Concen: 46.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

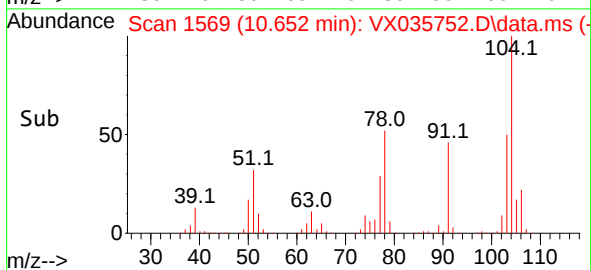
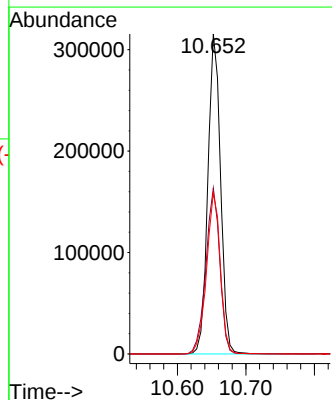
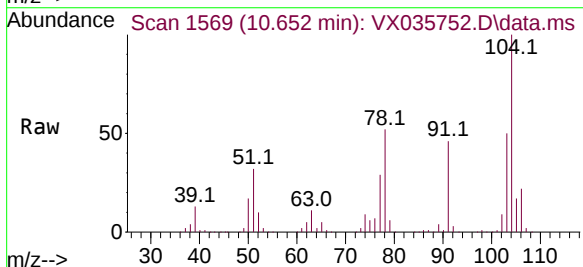
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

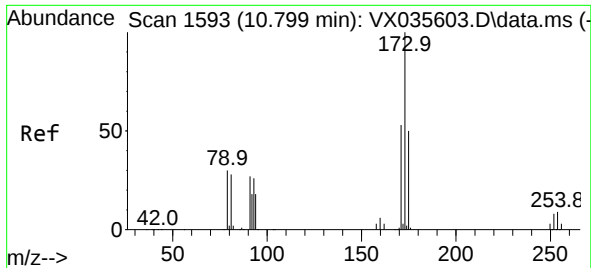
Tgt Ion:106 Resp: 243446
Ion Ratio Lower Upper
106 100
91 226.4 108.5 325.3



#70
Styrene
Concen: 47.895 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:104 Resp: 406579
Ion Ratio Lower Upper
104 100
78 57.1 43.4 65.2
103 54.9 44.2 66.2

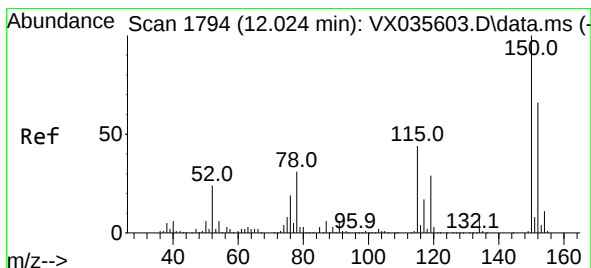
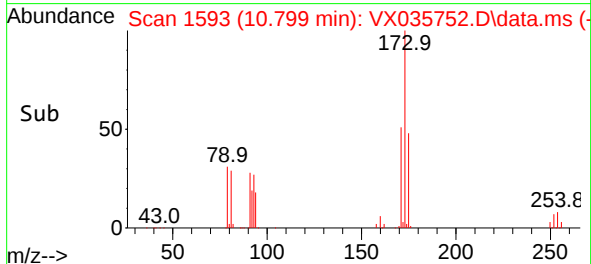
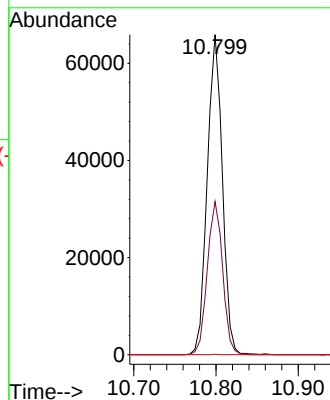
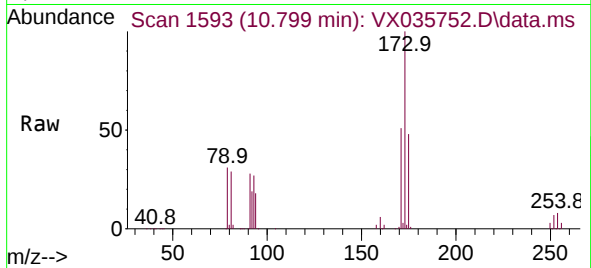




#71
Bromoform
Concen: 47.409 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

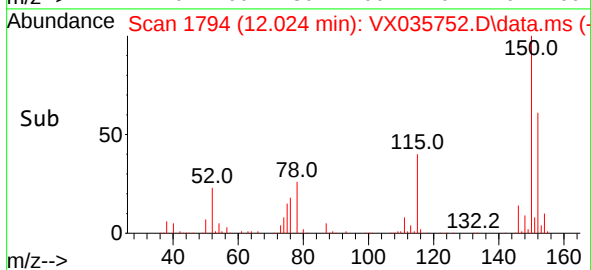
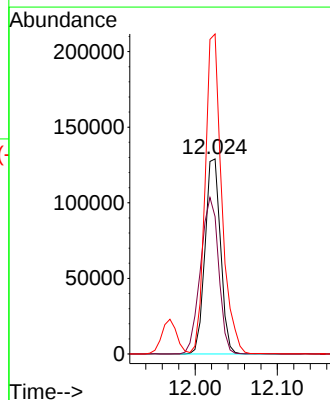
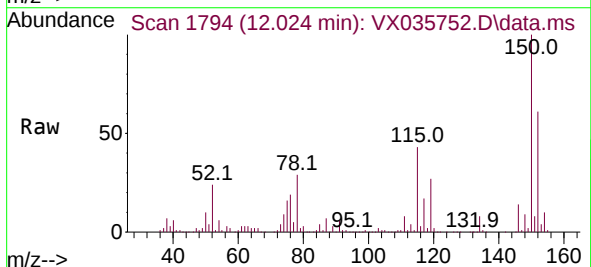
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

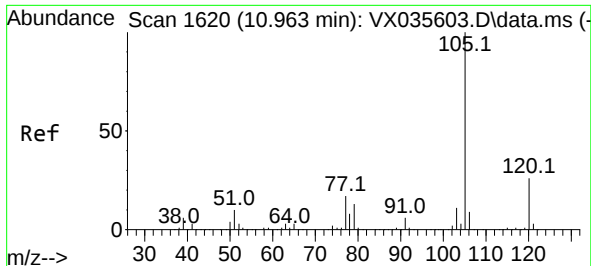
Tgt Ion:173 Resp: 84216
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:152 Resp: 168670
Ion Ratio Lower Upper
152 100
115 93.8 45.0 135.0
150 175.6 0.0 352.4

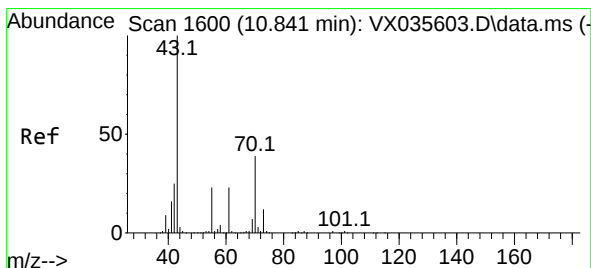
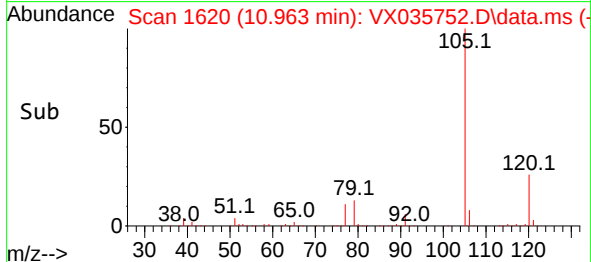
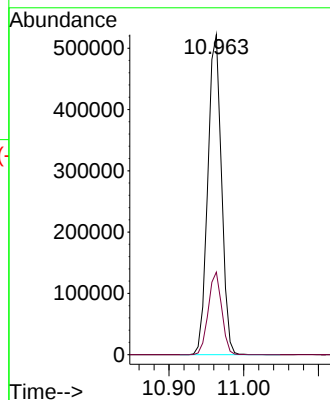
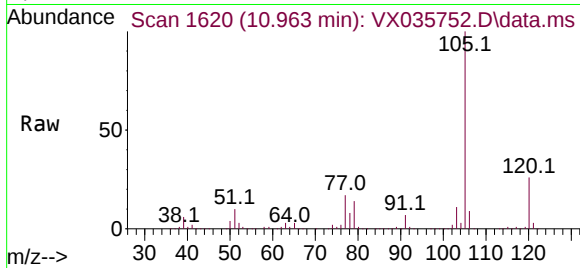




#73
Isopropylbenzene
Concen: 46.512 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

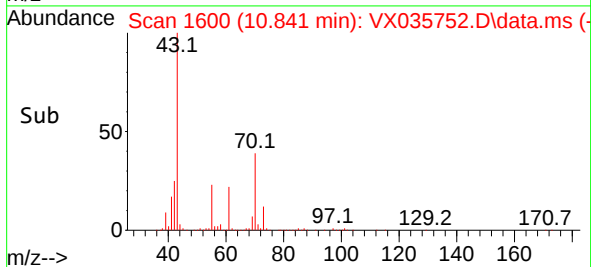
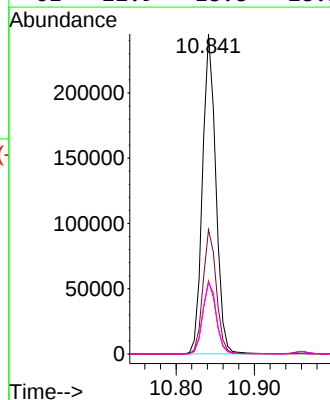
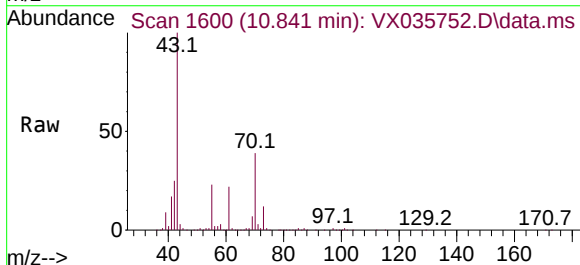
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

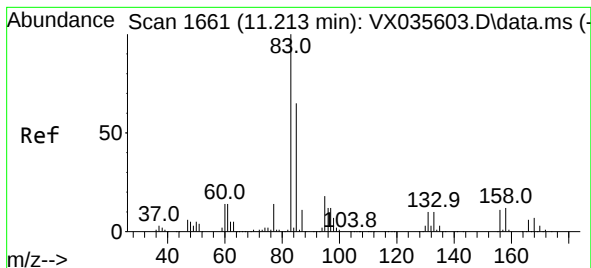
Tgt Ion:105 Resp: 661073
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.9



#74
N-ethyl acetate
Concen: 43.628 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 43 Resp: 289120
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.0 18.3 27.5
61 22.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.208 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

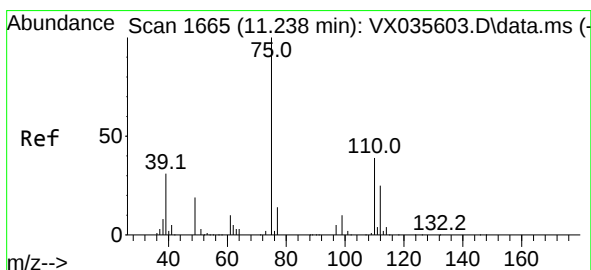
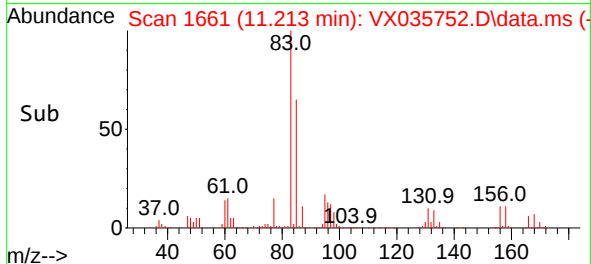
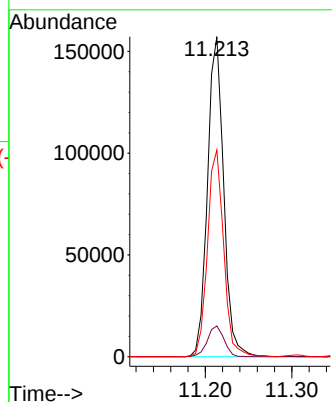
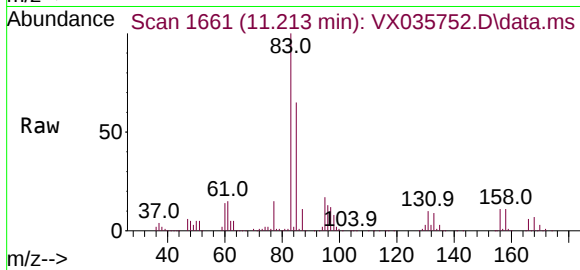
Tgt Ion: 83 Resp: 203824

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 56.028 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035752.D

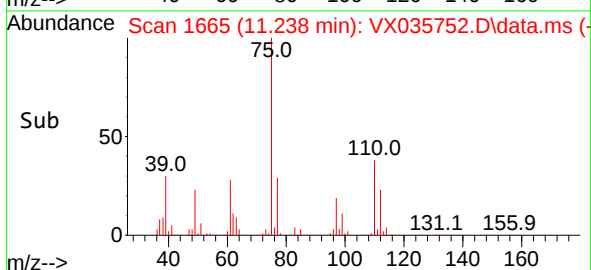
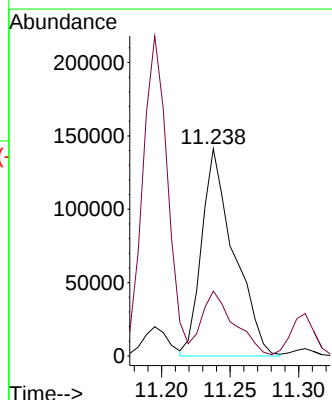
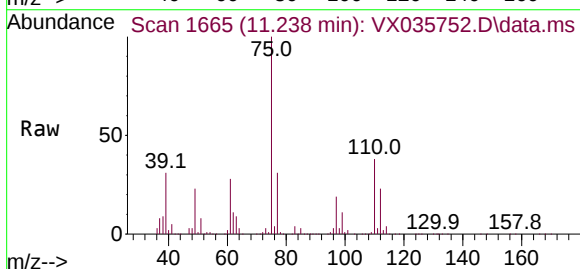
Acq: 19 May 2023 09:05

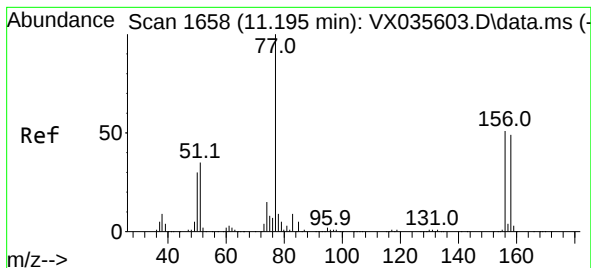
Tgt Ion: 75 Resp: 231157

Ion Ratio Lower Upper

75 100

77 31.6 21.6 64.8





#77

Bromobenzene

Concen: 45.151 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

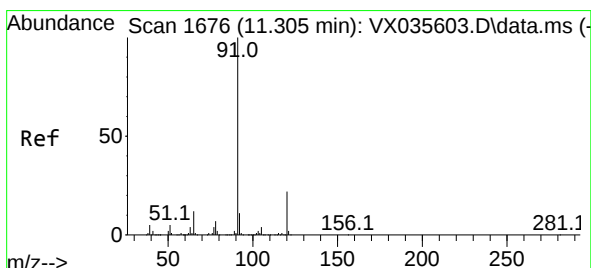
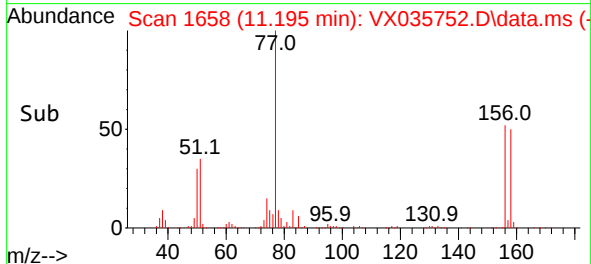
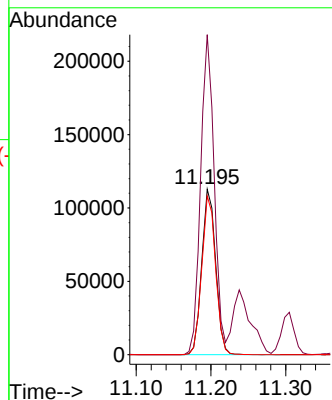
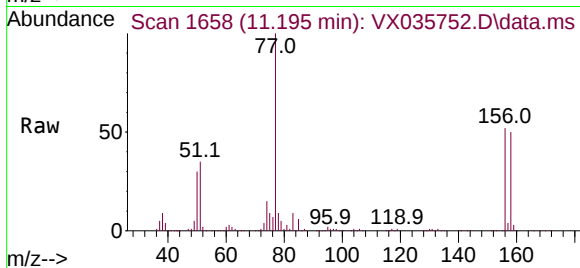
Tgt Ion:156 Resp: 145654

Ion Ratio Lower Upper

156 100

77 189.1 86.7 259.9

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 47.646 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035752.D

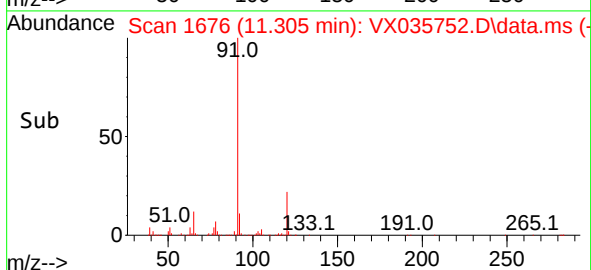
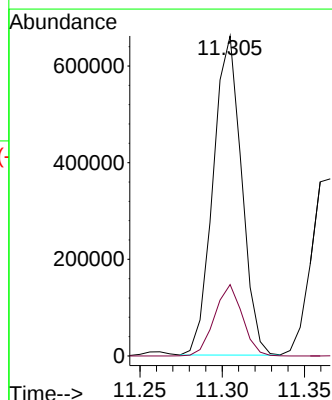
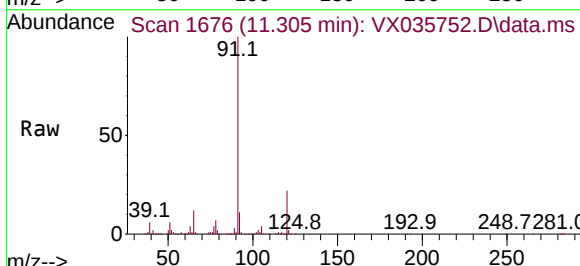
Acq: 19 May 2023 09:05

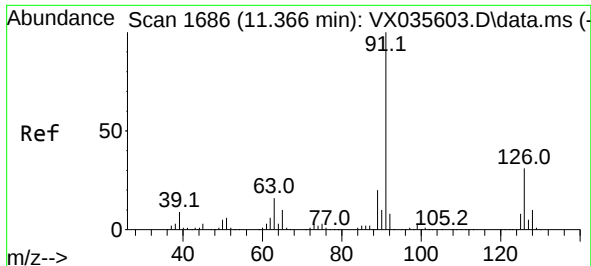
Tgt Ion: 91 Resp: 796039

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 45.417 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

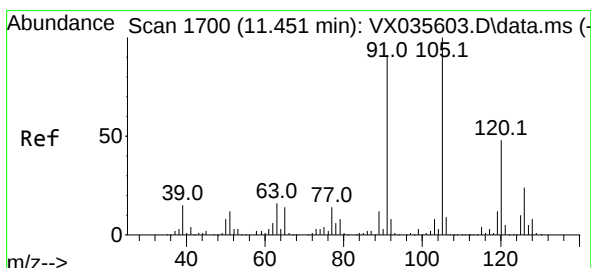
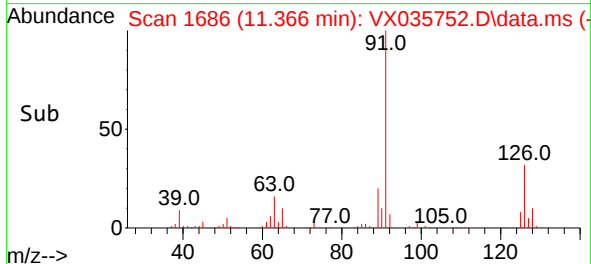
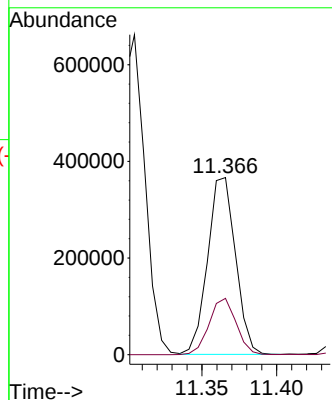
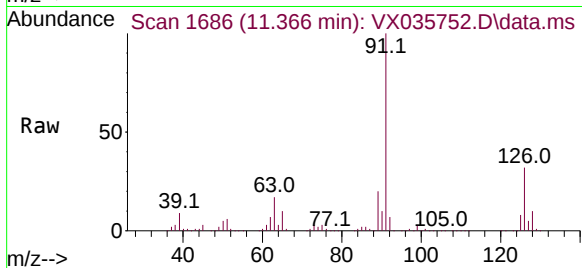
VSTDCCC050

Tgt Ion: 91 Resp: 475076

Ion Ratio Lower Upper

91 100

126 30.9 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 46.604 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035752.D

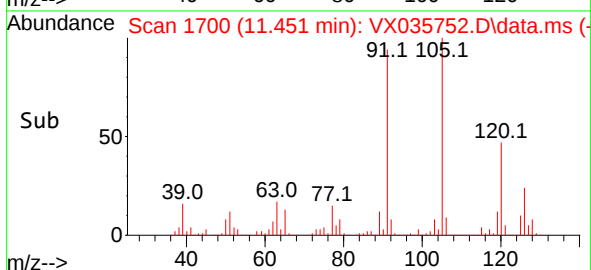
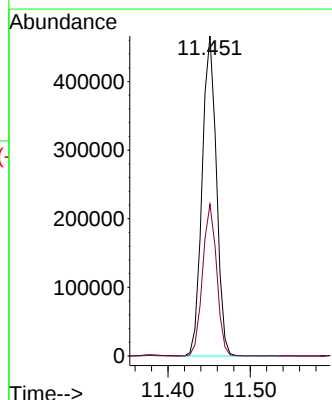
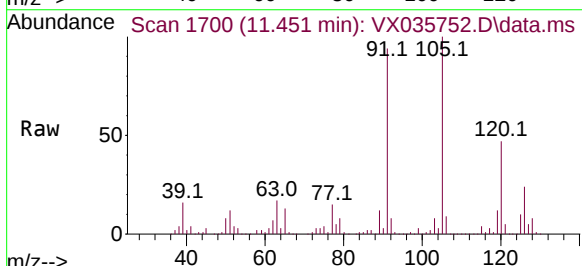
Acq: 19 May 2023 09:05

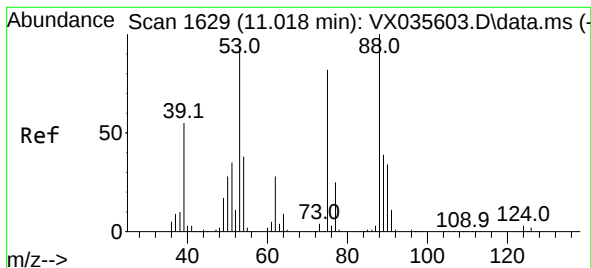
Tgt Ion: 105 Resp: 562983

Ion Ratio Lower Upper

105 100

120 46.7 23.7 71.1

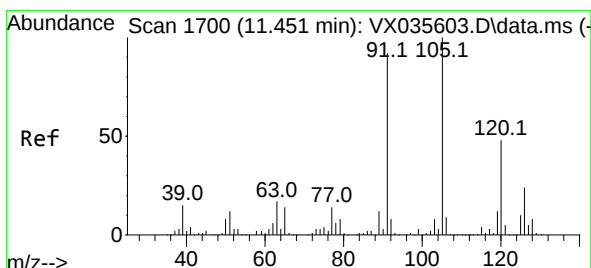
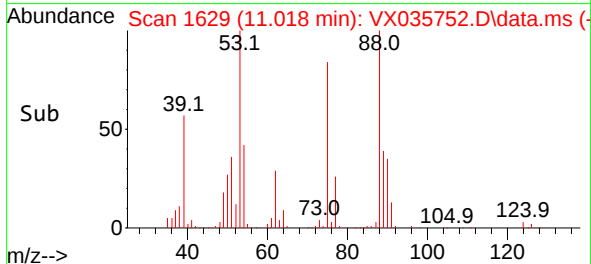
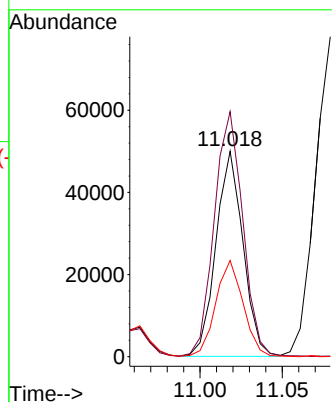
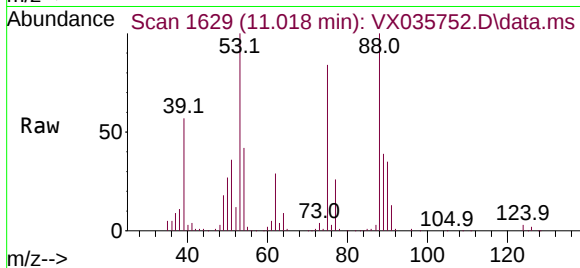




#81
trans-1,4-Dichloro-2-butene
Concen: 44.730 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

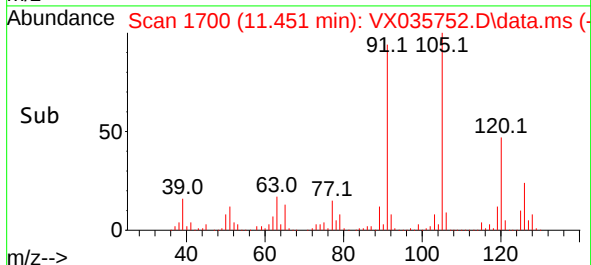
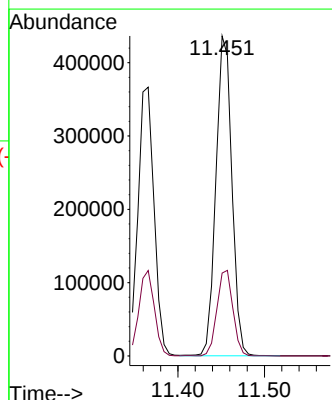
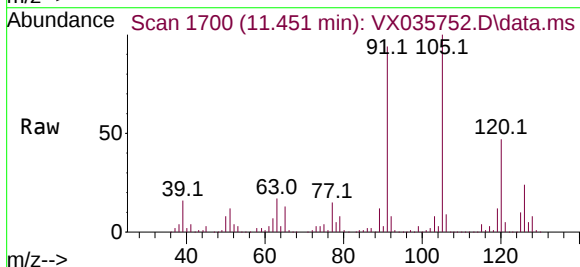
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

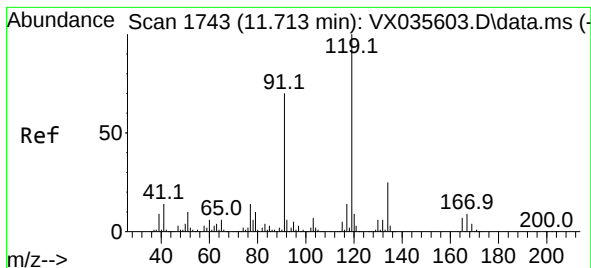
Tgt Ion: 75 Resp: 57261
Ion Ratio Lower Upper
75 100
53 125.4 82.6 124.0#
89 47.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.331 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 91 Resp: 558134
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.921 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

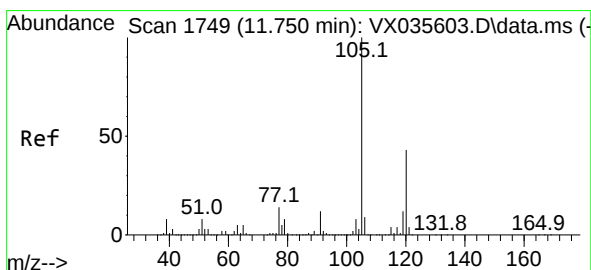
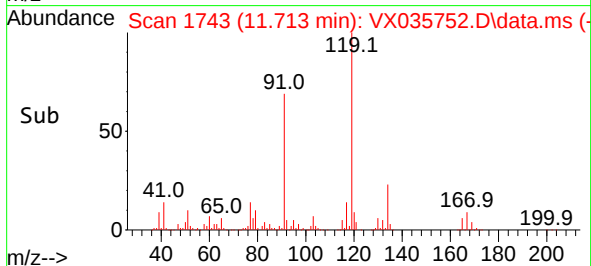
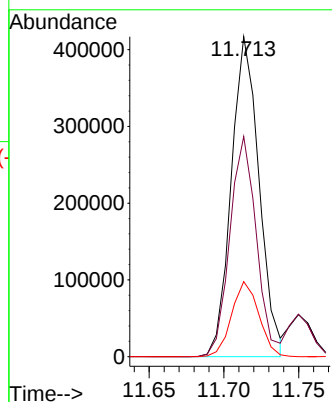
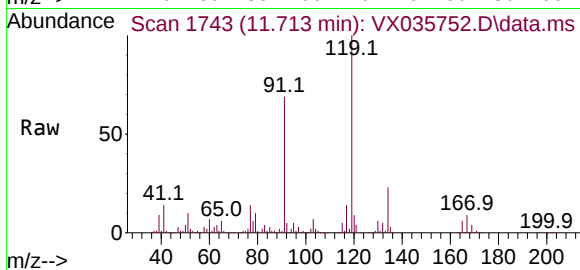
Tgt Ion:119 Resp: 539222

Ion Ratio Lower Upper

119 100

91 65.9 30.6 92.0

134 23.0 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 46.737 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035752.D

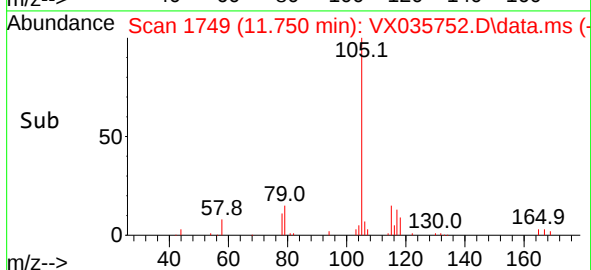
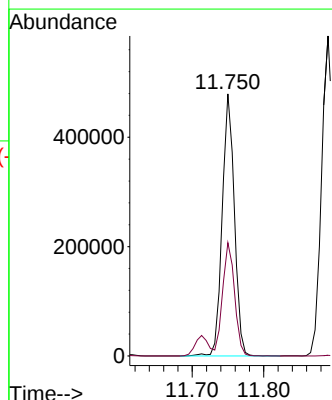
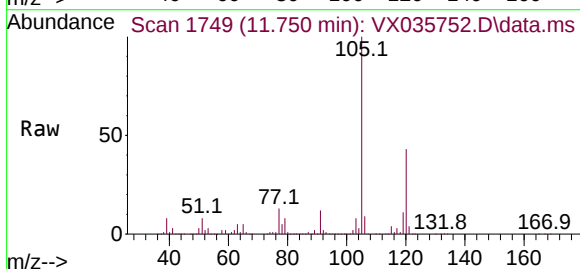
Acq: 19 May 2023 09:05

Tgt Ion:105 Resp: 566894

Ion Ratio Lower Upper

105 100

120 42.4 22.4 67.0

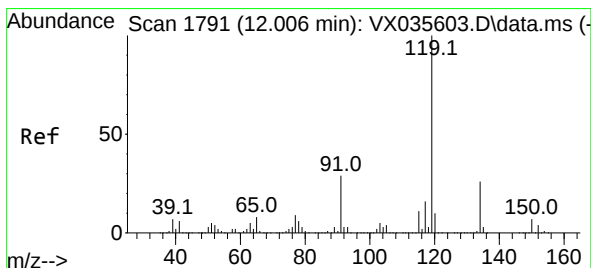
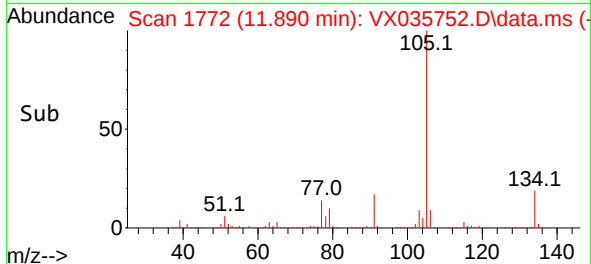
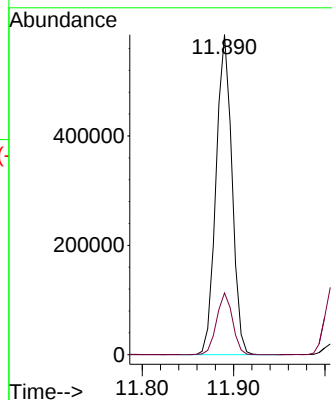
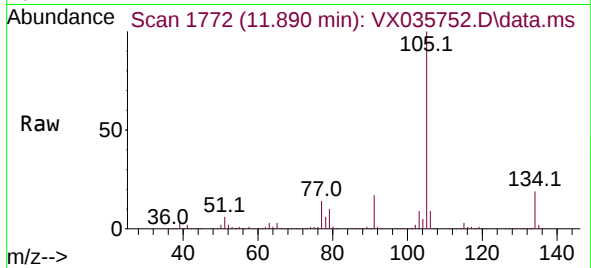




#85
 sec-Butylbenzene
 Concen: 47.947 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

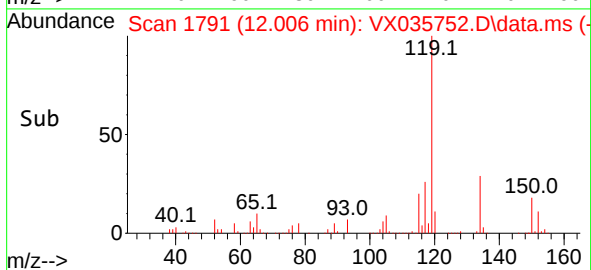
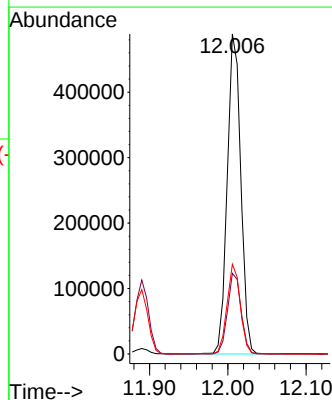
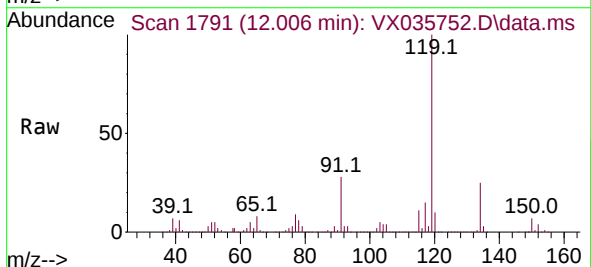
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

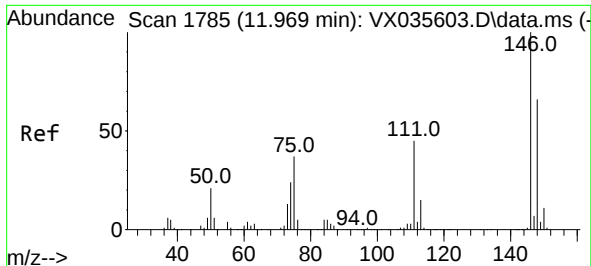
Tgt Ion:105 Resp: 706895
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.563 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

Tgt Ion:119 Resp: 588618
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 27.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.618 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

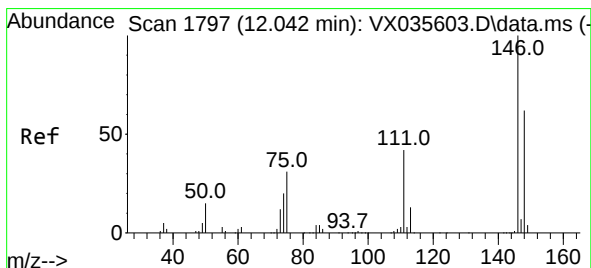
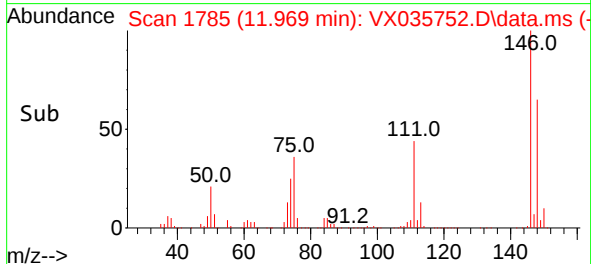
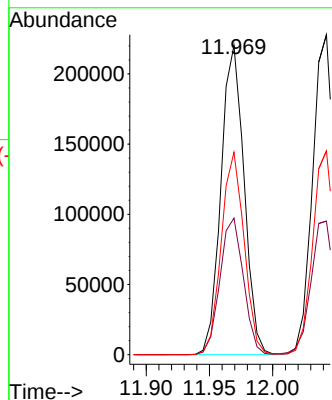
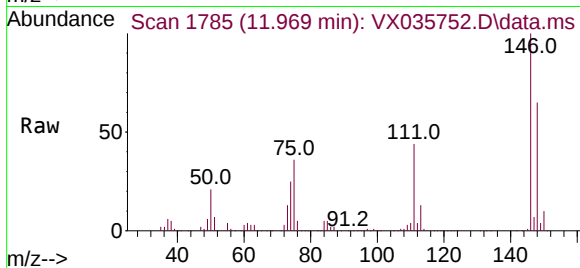
Tgt Ion:146 Resp: 279561

Ion Ratio Lower Upper

146 100

111 44.9 20.9 62.8

148 64.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.429 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

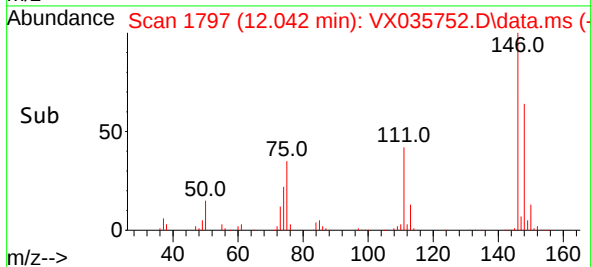
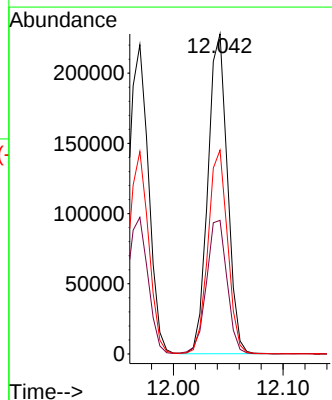
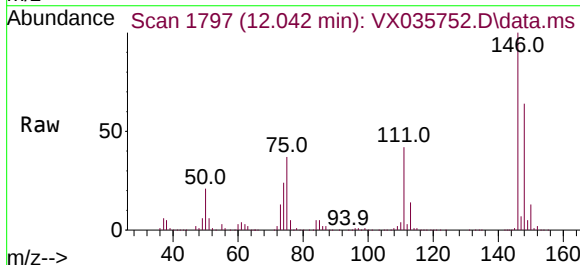
Tgt Ion:146 Resp: 281127

Ion Ratio Lower Upper

146 100

111 44.0 20.6 61.9

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 49.175 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

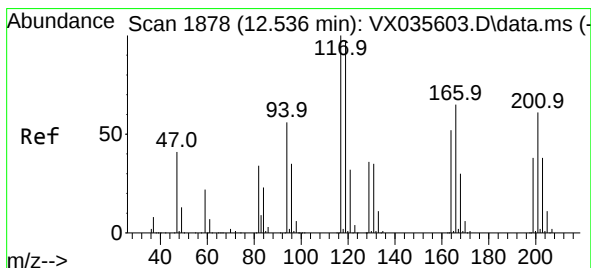
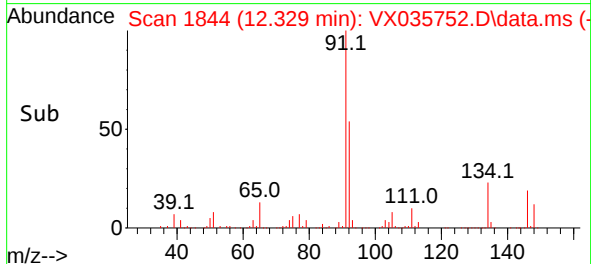
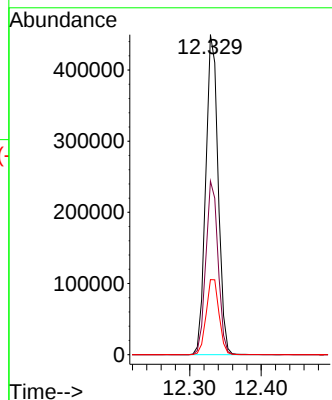
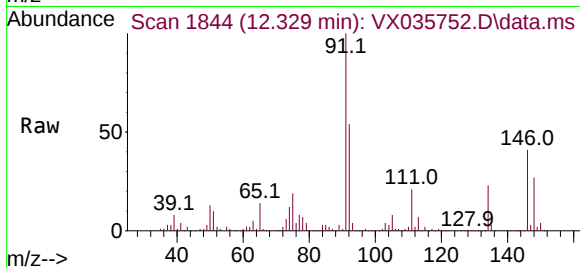
Tgt Ion: 91 Resp: 542198

Ion Ratio Lower Upper

91 100

92 53.6 27.7 83.0

134 24.4 13.0 38.9



#90

Hexachloroethane

Concen: 48.457 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035752.D

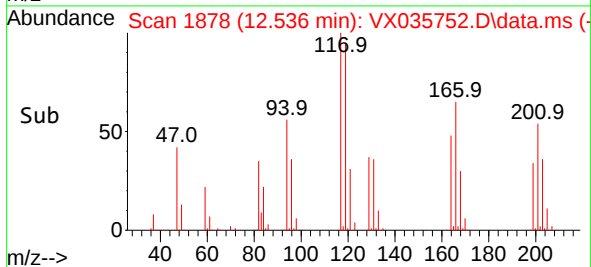
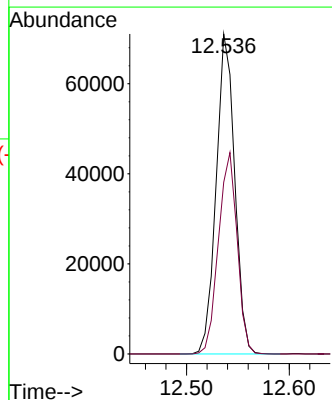
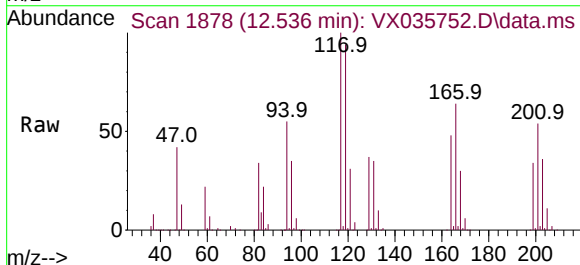
Acq: 19 May 2023 09:05

Tgt Ion: 117 Resp: 89020

Ion Ratio Lower Upper

117 100

201 63.4 34.4 103.1

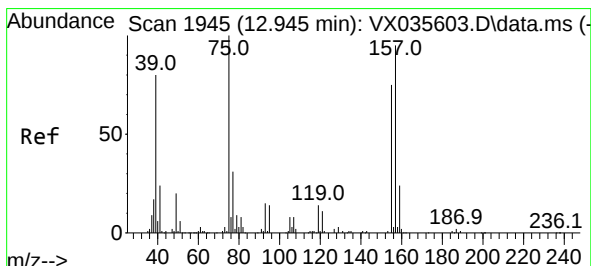
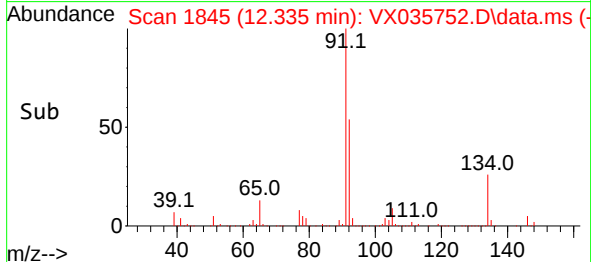
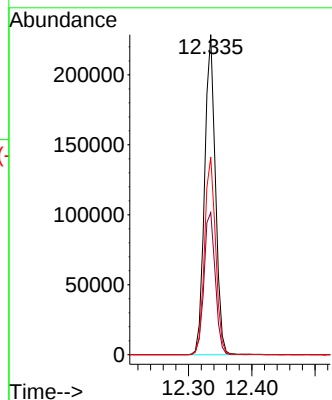
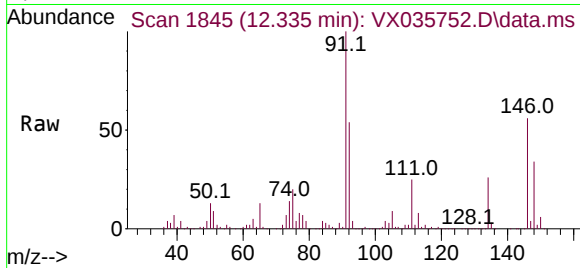




#91
 1,2-Dichlorobenzene
 Concen: 45.334 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

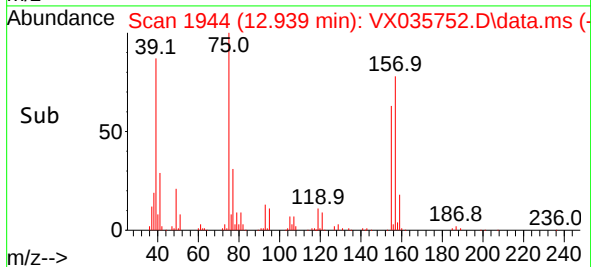
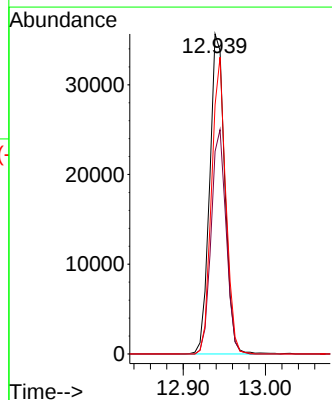
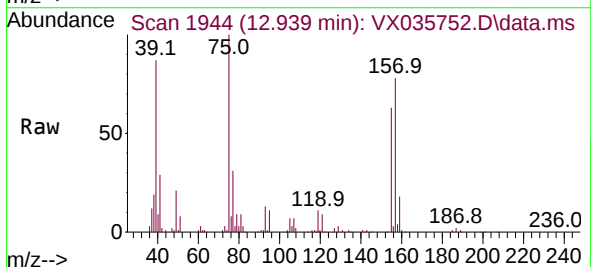
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

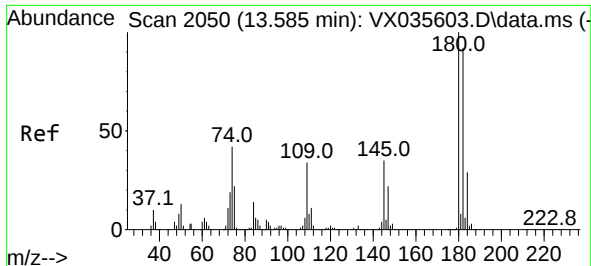
Tgt Ion:146 Resp: 272054
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.0 66.0
 148 63.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.671 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

Tgt Ion: 75 Resp: 45863
 Ion Ratio Lower Upper
 75 100
 155 68.7 38.4 115.1
 157 86.7 49.9 149.7

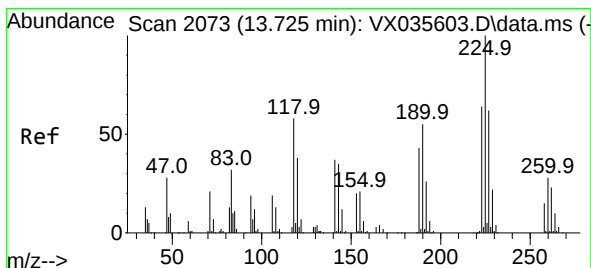
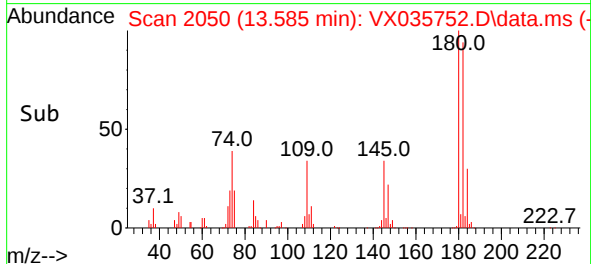
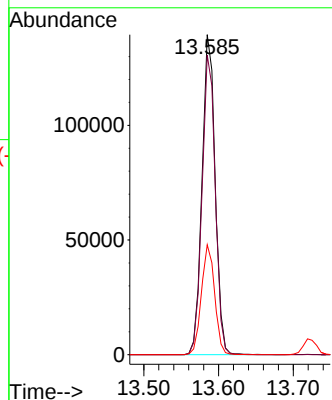
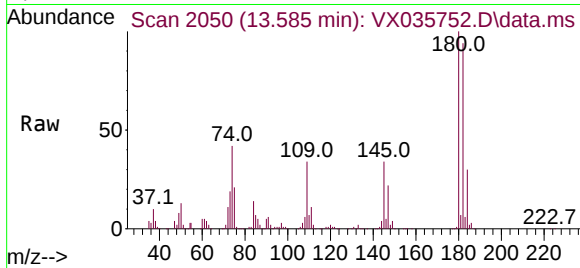




#93
1,2,4-Trichlorobenzene
Concen: 47.103 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

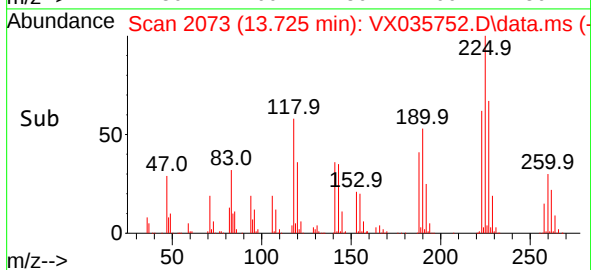
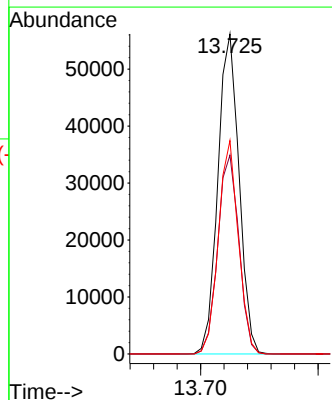
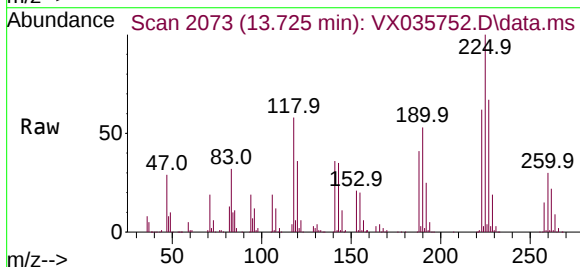
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

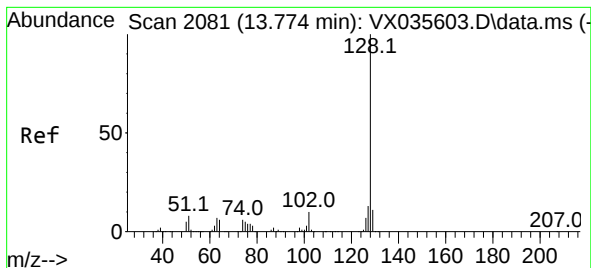
Tgt Ion:180 Resp: 170204
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 34.6 15.9 47.7



#94
Hexachlorobutadiene
Concen: 49.002 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:225 Resp: 70281
Ion Ratio Lower Upper
225 100
223 61.9 32.1 96.5
227 63.0 31.8 95.4





#95

Naphthalene

Concen: 45.142 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

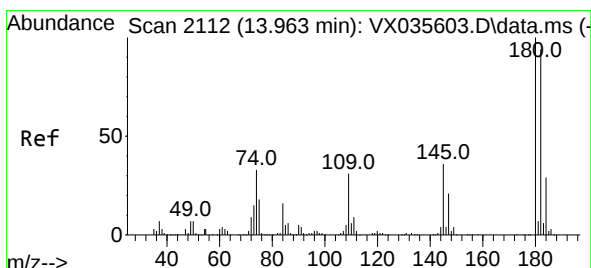
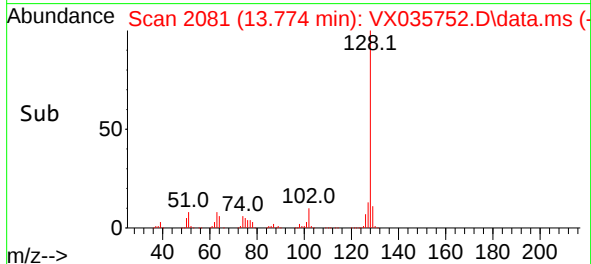
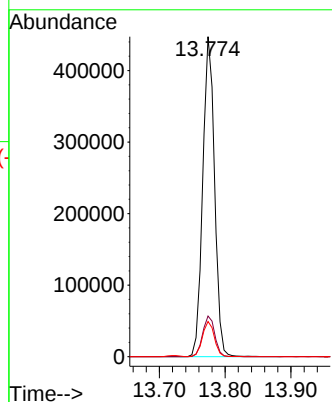
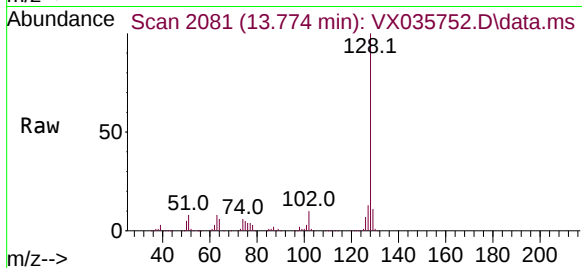
Tgt Ion:128 Resp: 558597

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.068 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion:180 Resp: 163714

Ion Ratio Lower Upper

180 100

182 93.0 48.0 144.2

145 36.7 17.7 53.1

