

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034478.D
 Acq On : 15 Mar 2023 02:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 06:57:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	279337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	475266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201582	49.604	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.385	113	156065	49.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	8.647	98	592400	50.572	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.140%
62) 4-Bromofluorobenzene	11.079	95	239104	50.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123080	47.263	ug/l	99
3) Chloromethane	1.301	50	179301	45.331	ug/l	98
4) Vinyl Chloride	1.374	62	171034	48.235	ug/l	100
5) Bromomethane	1.599	94	91004	50.867	ug/l	96
6) Chloroethane	1.679	64	107401	52.606	ug/l	98
7) Trichlorofluoromethane	1.886	101	277324	52.051	ug/l	99
8) Diethyl Ether	2.130	74	101735	52.307	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	145985	47.015	ug/l	99
10) Methyl Iodide	2.447	142	209533	51.399	ug/l	97
11) Tert butyl alcohol	2.953	59	205069	242.326	ug/l	100
12) 1,1-Dichloroethene	2.319	96	142780	46.691	ug/l	99
13) Acrolein	2.233	56	202743	302.842	ug/l	99
14) Allyl chloride	2.660	41	285383	46.032	ug/l	99
15) Acrylonitrile	3.062	53	465049	254.394	ug/l	99
16) Acetone	2.374	43	398711	208.286	ug/l	99
17) Carbon Disulfide	2.508	76	364983	42.411	ug/l	99
18) Methyl Acetate	2.703	43	311169	49.749	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	539515	49.275	ug/l	99
20) Methylene Chloride	2.788	84	171959	46.286	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	157796	48.588	ug/l	96
22) Diisopropyl ether	3.757	45	594944	50.332	ug/l	93
23) Vinyl Acetate	3.715	43	2276312	253.035	ug/l	99
24) 1,1-Dichloroethane	3.605	63	310329	48.840	ug/l	99
25) 2-Butanone	4.550	43	671718	245.240	ug/l	99
26) 2,2-Dichloropropane	4.471	77	226619	41.031	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	191981	49.107	ug/l	97
28) Bromochloromethane	4.897	49	149113	50.471	ug/l	99
29) Tetrahydrofuran	4.995	42	437003	258.561	ug/l	99
30) Chloroform	5.093	83	317855	51.033	ug/l	98
31) Cyclohexane	5.464	56	274775	48.212	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	274901	49.857	ug/l	100
36) 1,1-Dichloropropene	5.690	75	231257	47.982	ug/l	99
37) Ethyl Acetate	4.708	43	261861	49.733	ug/l	100
38) Carbon Tetrachloride	5.672	117	232058	48.399	ug/l	99
39) Methylcyclohexane	7.379	83	273340	47.391	ug/l	98
40) Benzene	6.038	78	687050	48.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	145585	50.452	ug/l	99
42) 1,2-Dichloroethane	6.086	62	263753	50.900	ug/l	99
43) Isopropyl Acetate	6.336	43	445262	49.918	ug/l	99
44) Trichloroethene	7.123	130	174893	47.741	ug/l	100
45) 1,2-Dichloropropane	7.428	63	180243	48.960	ug/l	98
46) Dibromomethane	7.580	93	124092	49.581	ug/l	99
47) Bromodichloromethane	7.818	83	245971	50.780	ug/l	97
48) Methyl methacrylate	7.690	41	219010	51.052	ug/l	99
49) 1,4-Dioxane	7.653	88	100005	1109.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1367729	264.322	ug/l	99
52) Toluene	8.714	92	440312	50.442	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	273133	50.051	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	286432	48.515	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	180737	52.172	ug/l	98
56) Ethyl methacrylate	9.116	69	291293	51.213	ug/l	98
57) 1,3-Dichloropropane	9.305	76	312834	50.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	673609	229.799	ug/l	100
59) 2-Hexanone	9.427	43	1038550	259.640	ug/l	100
60) Dibromochloromethane	9.519	129	192214	52.904	ug/l	98
61) 1,2-Dibromoethane	9.610	107	189672	50.738	ug/l	99
64) Tetrachloroethene	9.275	164	143261	48.797	ug/l	97
65) Chlorobenzene	10.079	112	466072	48.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	173673	49.727	ug/l	98
67) Ethyl Benzene	10.195	91	863846	50.320	ug/l	97
68) m/p-Xylenes	10.299	106	652783	98.987	ug/l	99
69) o-Xylene	10.640	106	324030	48.962	ug/l	98
70) Styrene	10.653	104	539944	50.569	ug/l	100
71) Bromoform	10.799	173	134621	50.074	ug/l	99
73) Isopropylbenzene	10.963	105	854675	49.111	ug/l	100
74) N-amyl acetate	10.842	43	418951	50.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	293643	50.564	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	323114	62.496	ug/l	83
77) Bromobenzene	11.195	156	203066	48.634	ug/l	100
78) n-propylbenzene	11.305	91	1003058	49.907	ug/l	100
79) 2-Chlorotoluene	11.366	91	611817	49.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	725393	49.694	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	86905	45.473	ug/l	97
82) 4-Chlorotoluene	11.451	91	711278	49.748	ug/l	100
83) tert-Butylbenzene	11.713	119	720721	48.970	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	732909	49.129	ug/l	98
85) sec-Butylbenzene	11.890	105	900299	50.037	ug/l	99
86) p-Isopropyltoluene	12.006	119	748534	49.500	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	393108	48.051	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	394288	47.664	ug/l	99
89) n-Butylbenzene	12.335	91	666030	49.544	ug/l	99
90) Hexachloroethane	12.536	117	138387	49.457	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	391690	49.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65107	49.345	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	237080	47.952	ug/l	98
94) Hexachlorobutadiene	13.725	225	96477	48.437	ug/l	97
95) Naphthalene	13.774	128	830004	50.063	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	237518	49.146	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050

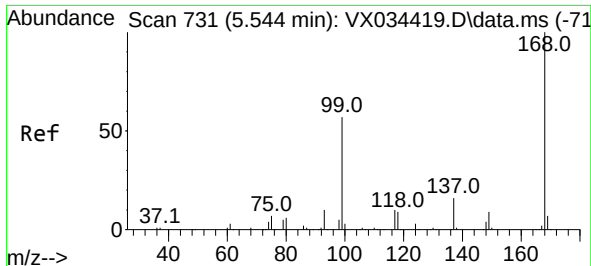
Quant Time: Mar 15 06:57:00 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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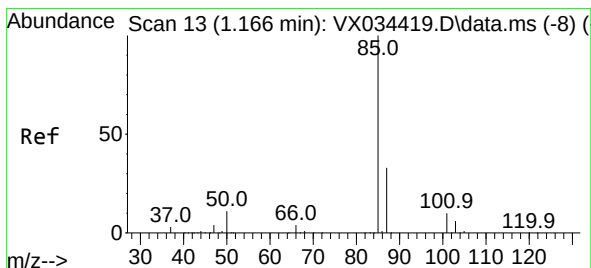
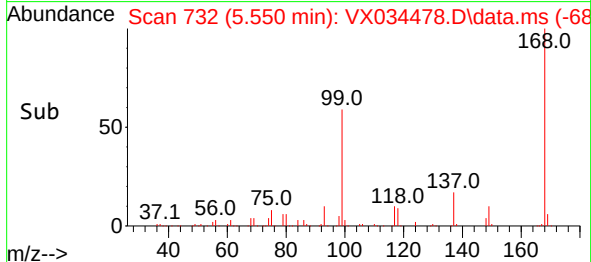
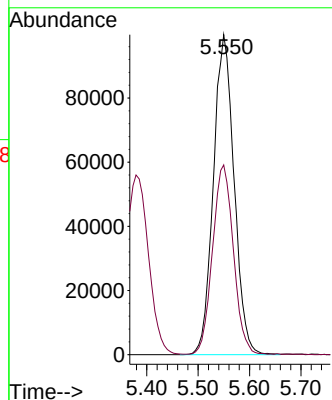
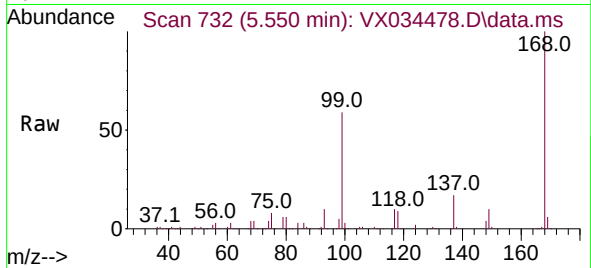




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

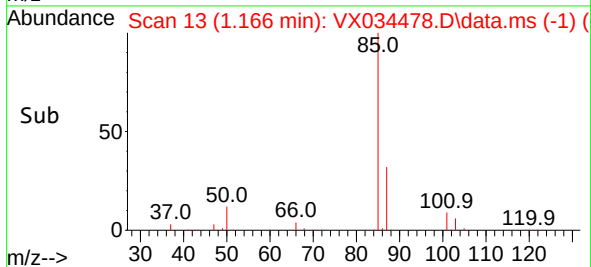
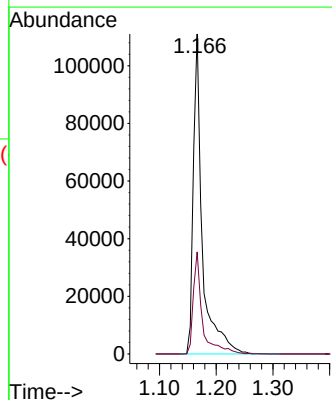
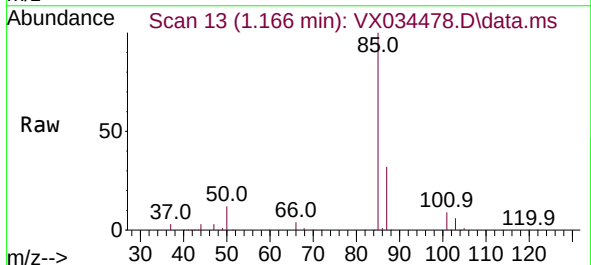
Instrument :
MSVOA_X
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VSTDCCC050

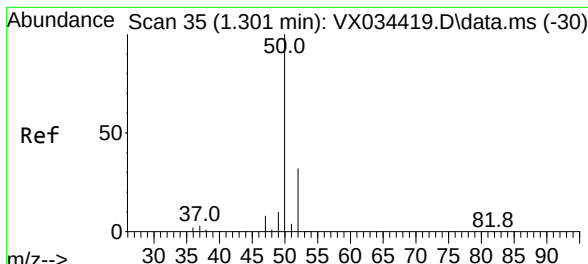
Tgt Ion:168 Resp: 279337
Ion Ratio Lower Upper
168 100
99 59.1 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 47.263 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 85 Resp: 123080
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.1

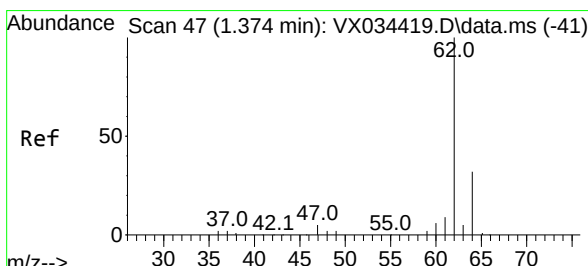
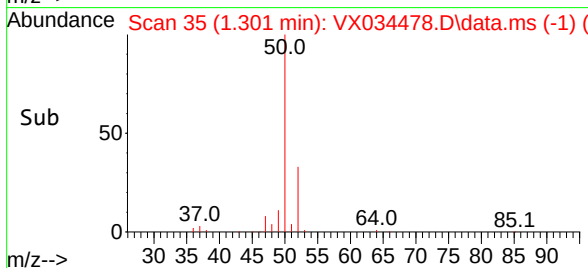
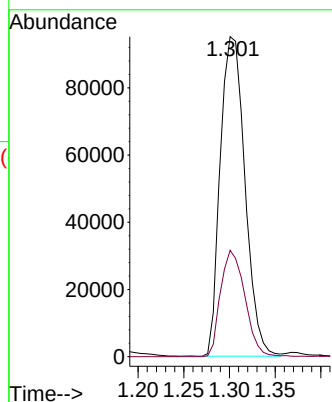
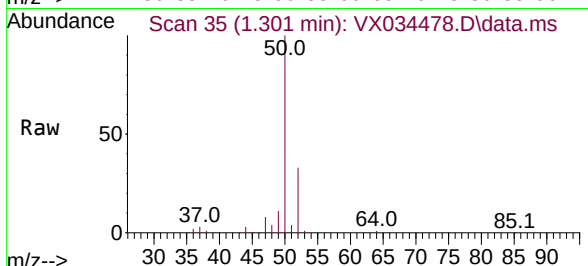




#3
 Chloromethane
 Concen: 45.331 ug/l
 RT: 1.301 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

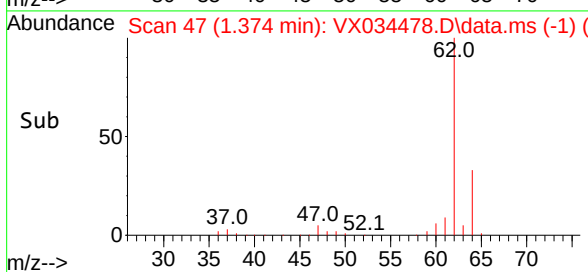
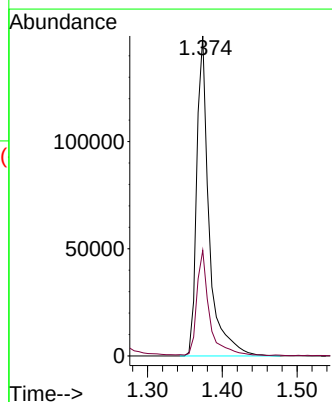
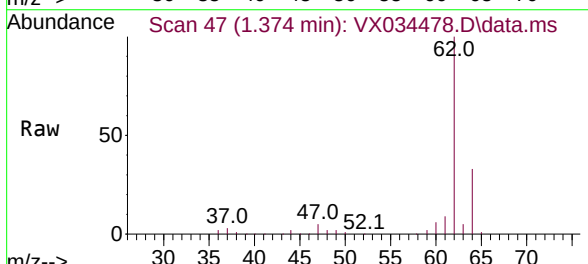
Instrument :
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 ClientSampleId :
 VSTDCCC050

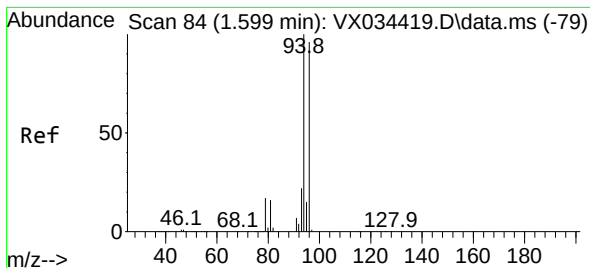
Tgt Ion: 50 Resp: 179301
 Ion Ratio Lower Upper
 50 100
 52 33.3 25.9 38.9



#4
 Vinyl Chloride
 Concen: 48.235 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

Tgt Ion: 62 Resp: 171034
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.4 39.6





#5

Bromomethane

Concen: 50.867 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

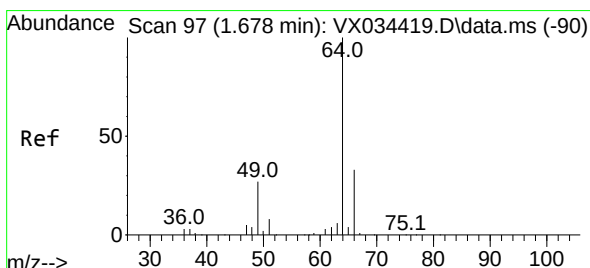
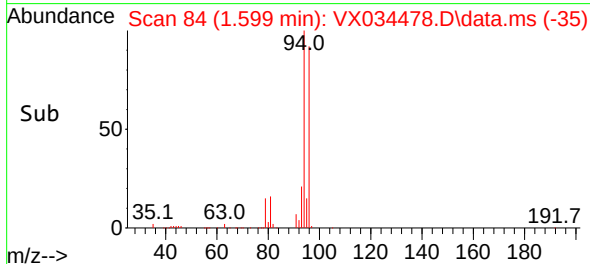
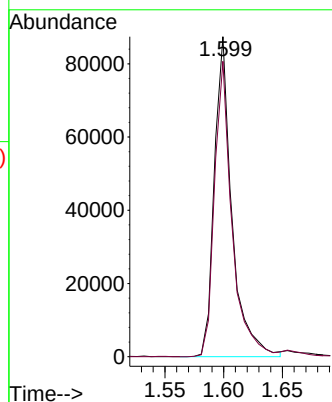
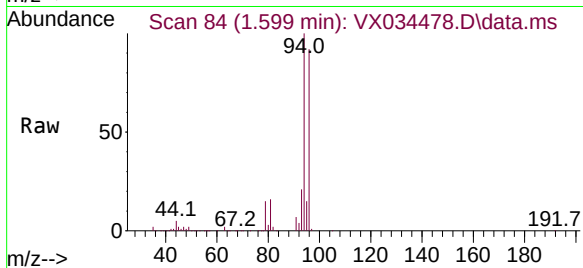
VSTDCCC050

Tgt Ion: 94 Resp: 91004

Ion Ratio Lower Upper

94 100

96 92.3 77.0 115.6



#6

Chloroethane

Concen: 52.606 ug/l

RT: 1.679 min Scan# 97

Delta R.T. 0.001 min

Lab File: VX034478.D

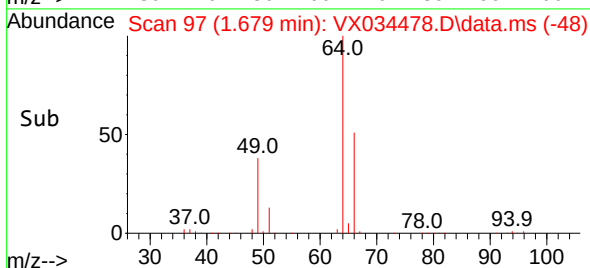
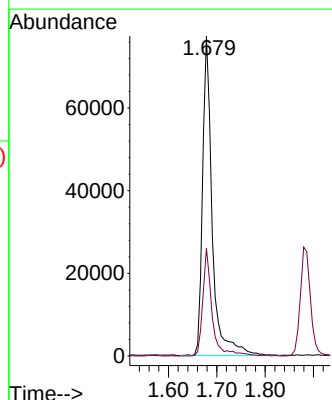
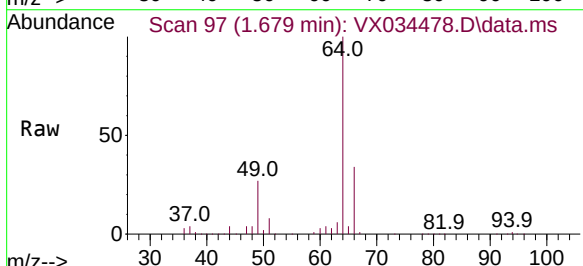
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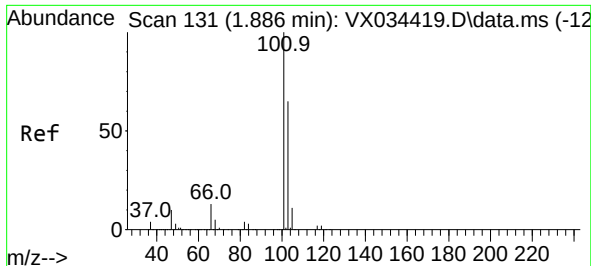
Tgt Ion: 64 Resp: 107401

Ion Ratio Lower Upper

64 100

66 33.7 26.2 39.4

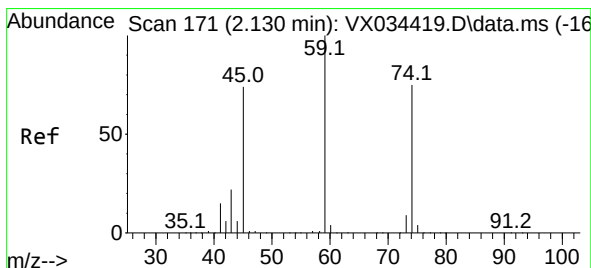
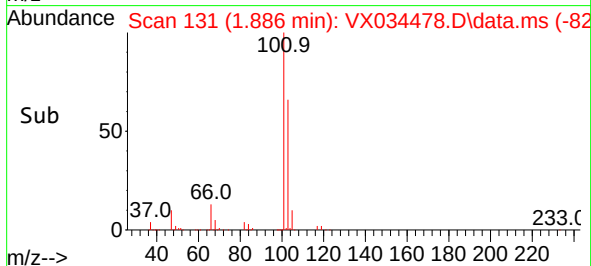
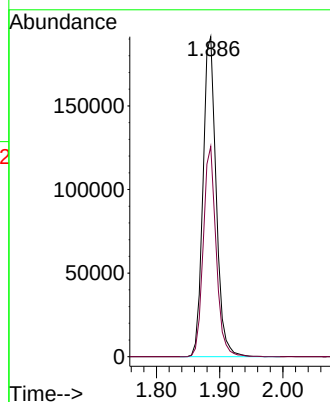
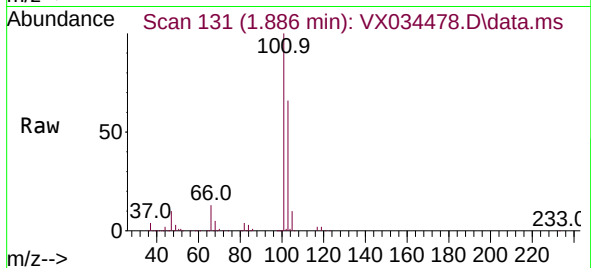




#7
 Trichlorofluoromethane
 Concen: 52.051 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

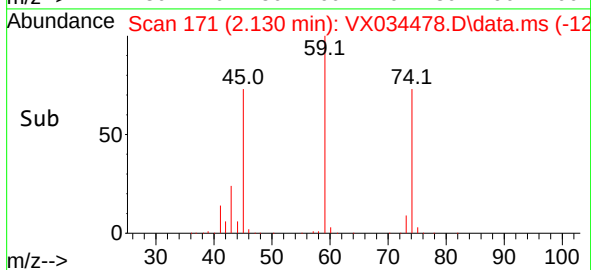
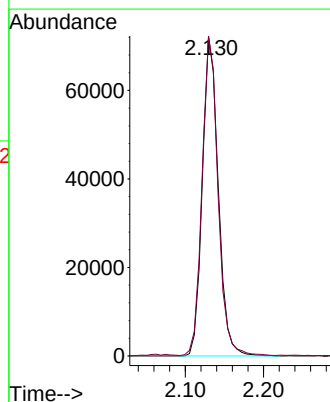
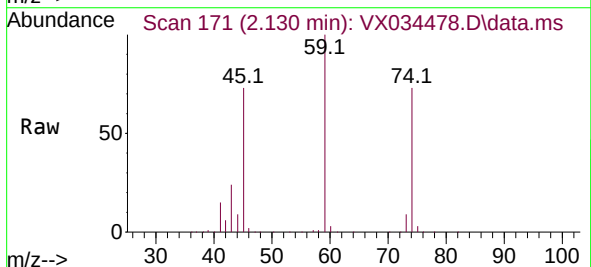
Instrument :
 MSVOA_X
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 VSTDCCC050

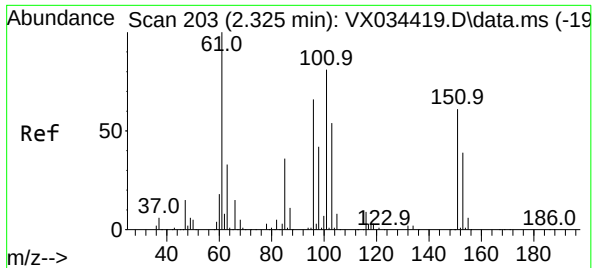
Tgt Ion:101 Resp: 277324
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.0 78.0



#8
 Diethyl Ether
 Concen: 52.307 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

Tgt Ion: 74 Resp: 101735
 Ion Ratio Lower Upper
 74 100
 45 100.3 49.8 149.3

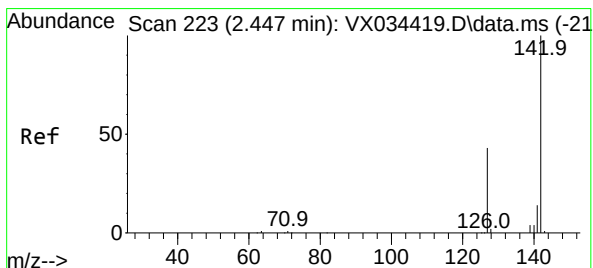
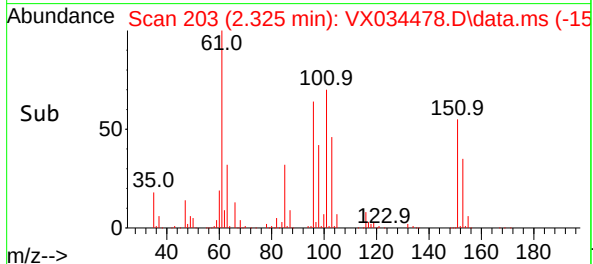
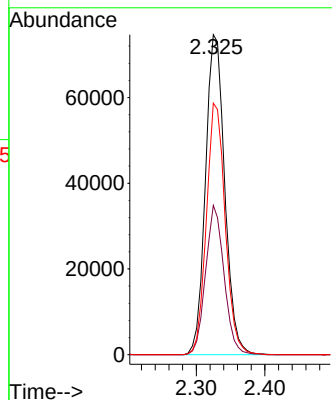
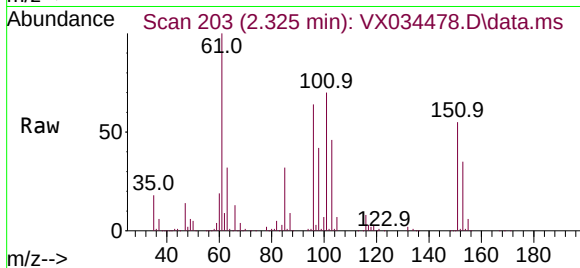




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.015 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034478.D
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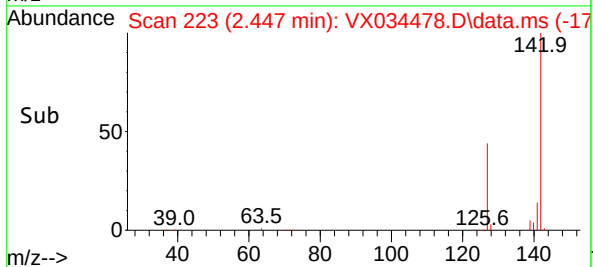
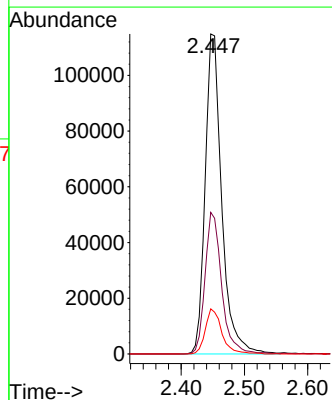
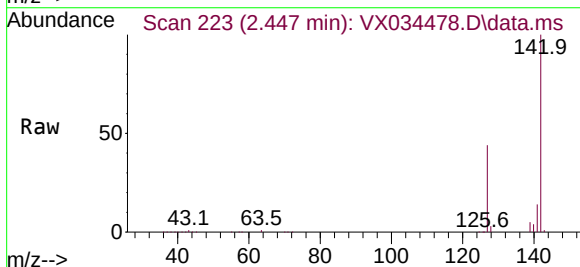
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

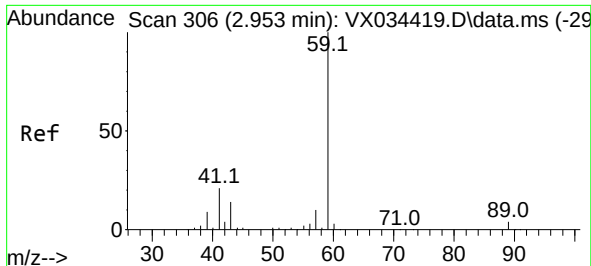
Tgt Ion:101 Resp: 145985
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.2
151 76.9 60.2 90.4



#10
Methyl Iodide
Concen: 51.399 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion:142 Resp: 209533
Ion Ratio Lower Upper
142 100
127 44.5 34.0 51.0
141 14.1 11.1 16.7

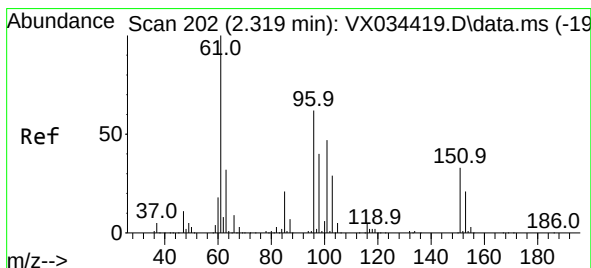
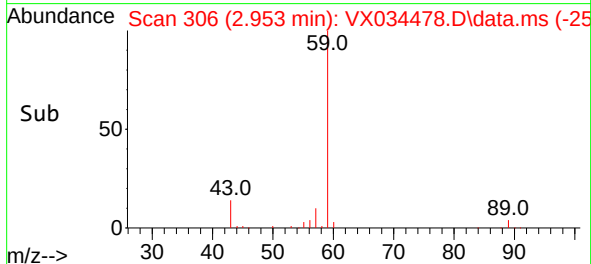
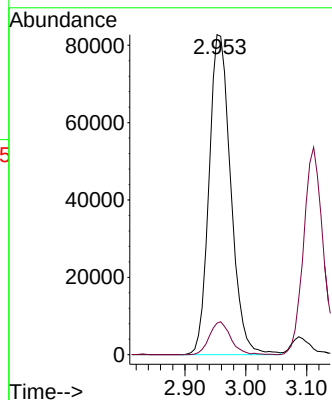
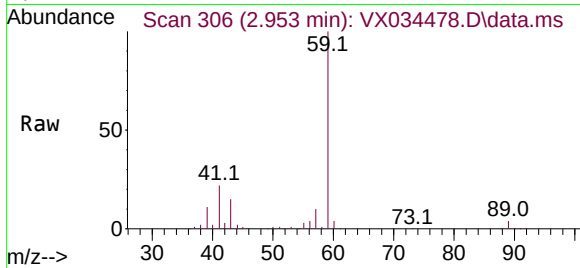




#11
Tert butyl alcohol
Concen: 242.326 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

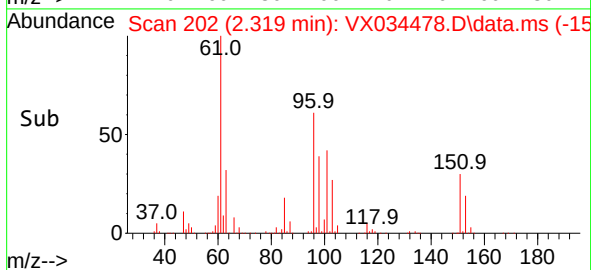
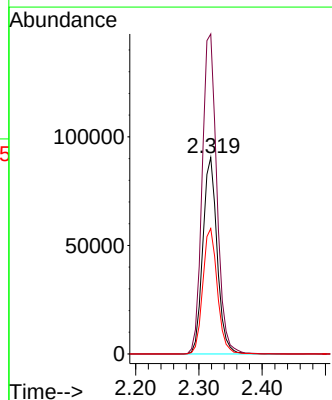
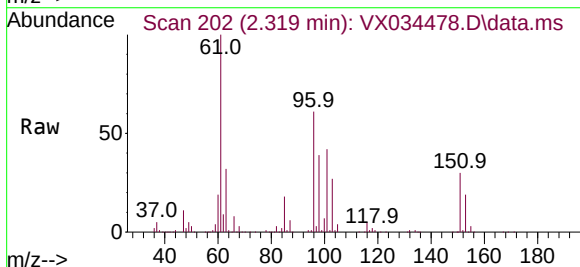
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

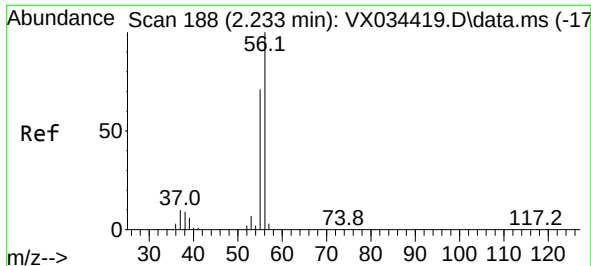
Tgt Ion: 59 Resp: 205069
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 46.691 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 96 Resp: 142780
Ion Ratio Lower Upper
96 100
61 162.9 128.8 193.2
98 63.8 51.4 77.0

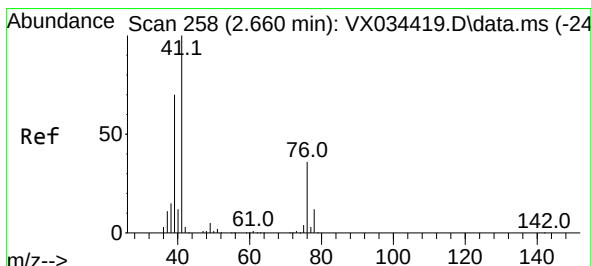
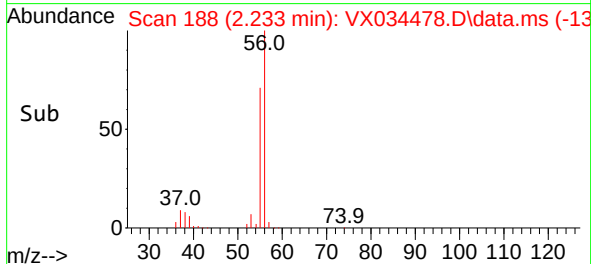
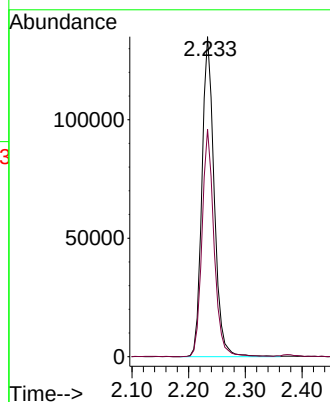
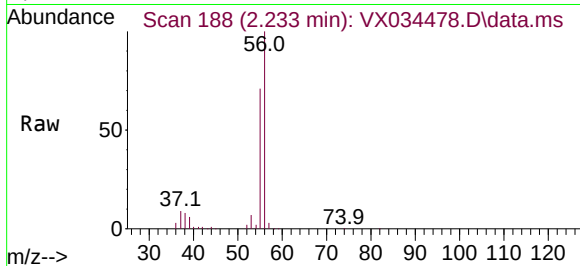




#13
Acrolein
Concen: 302.842 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

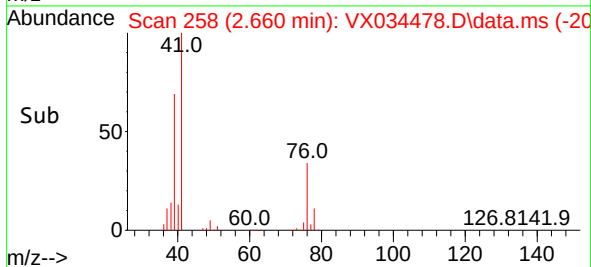
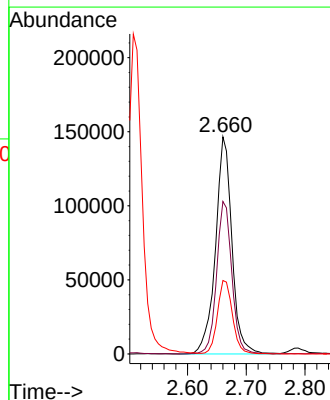
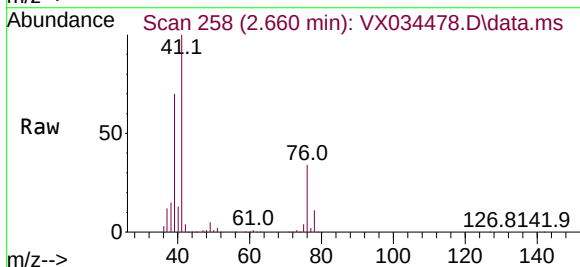
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

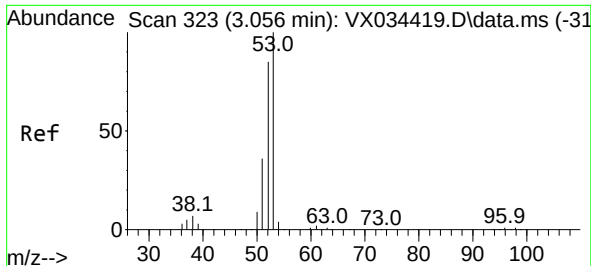
Tgt Ion: 56 Resp: 202743
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0



#14
Allyl chloride
Concen: 46.032 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 41 Resp: 285383
Ion Ratio Lower Upper
41 100
39 64.9 52.4 78.6
76 30.9 26.0 39.0

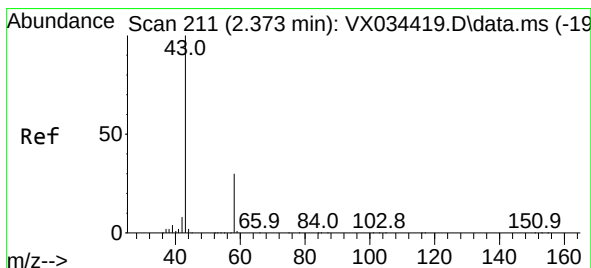
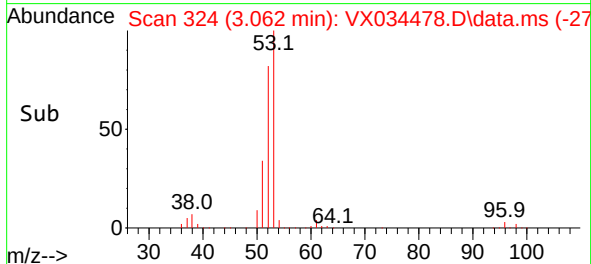
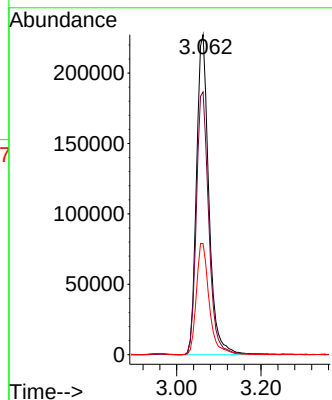
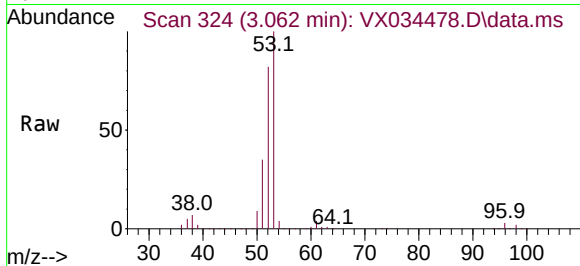




#15
Acrylonitrile
Concen: 254.394 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

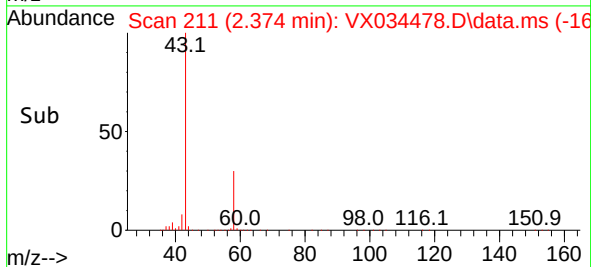
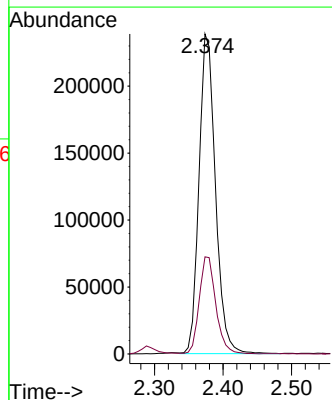
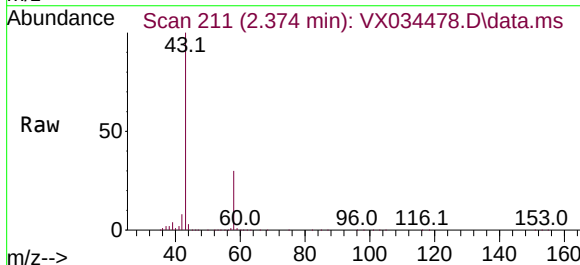
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

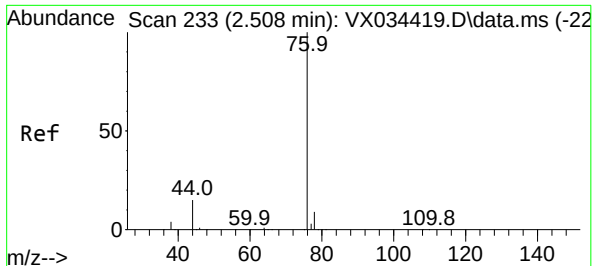
Tgt Ion: 53 Resp: 465049
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 36.1 28.3 42.5



#16
Acetone
Concen: 208.286 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 43 Resp: 398711
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1

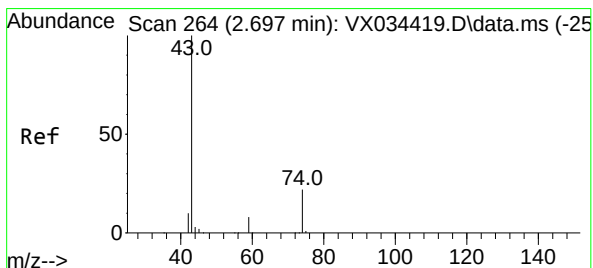
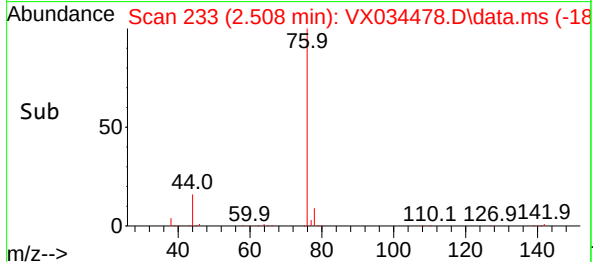
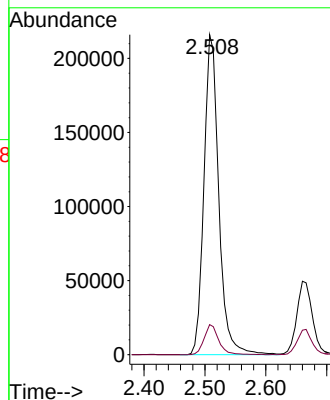
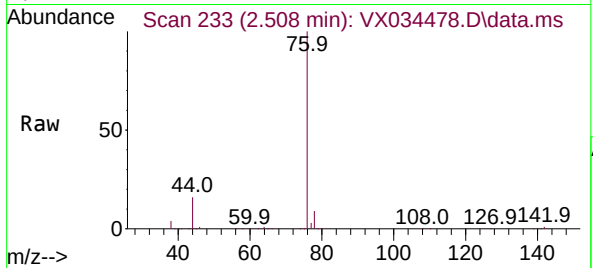




#17
Carbon Disulfide
Concen: 42.411 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

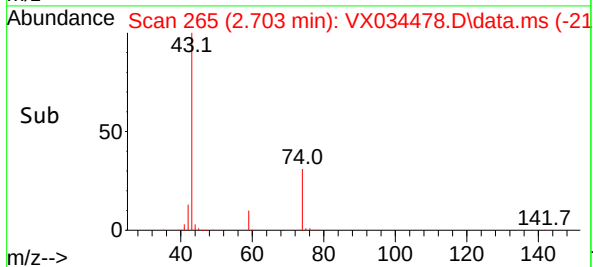
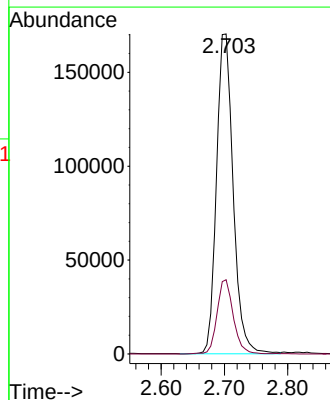
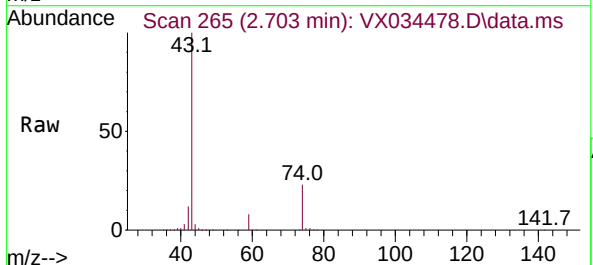
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

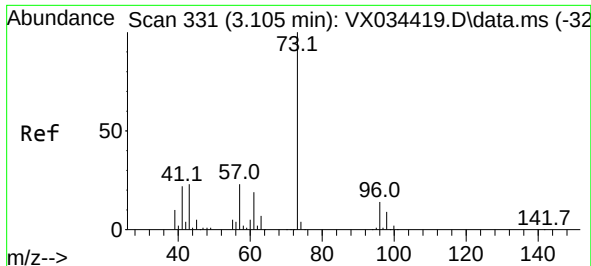
Tgt Ion: 76 Resp: 364983
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 49.749 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 43 Resp: 311169
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5

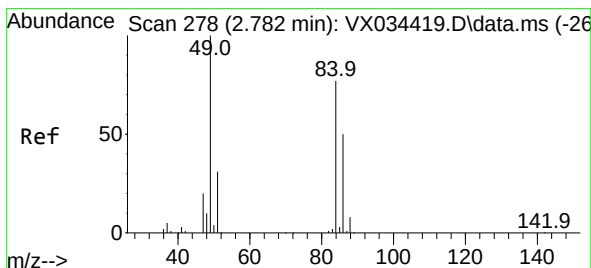
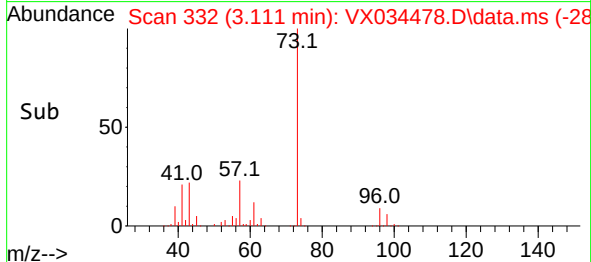
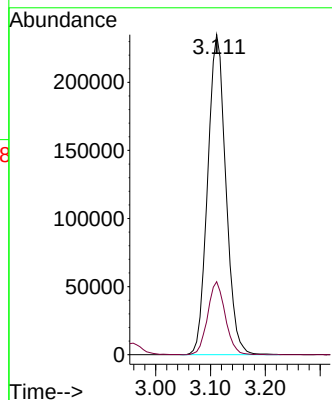
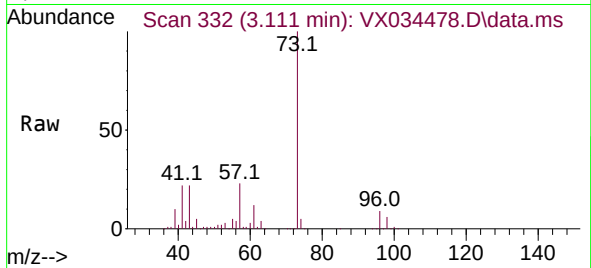




#19
Methyl tert-butyl Ether
Concen: 49.275 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

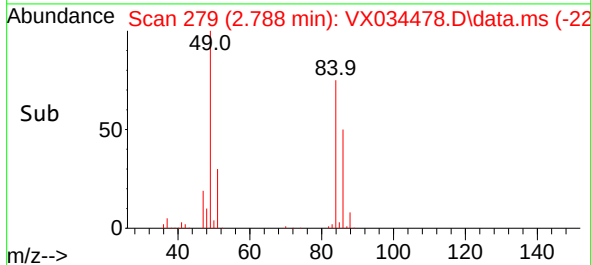
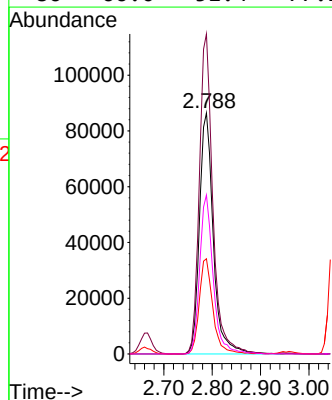
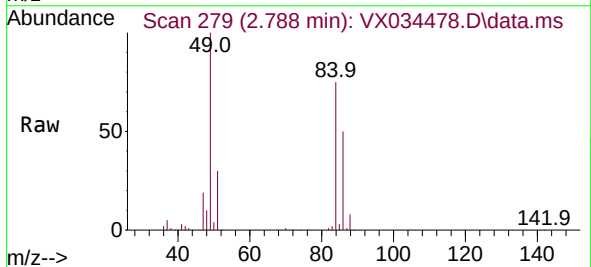
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

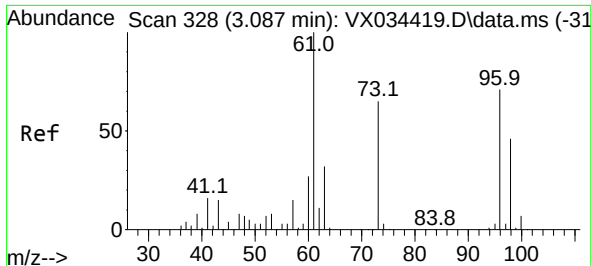
Tgt Ion: 73 Resp: 539515
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7



#20
Methylene Chloride
Concen: 46.286 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 84 Resp: 171959
Ion Ratio Lower Upper
84 100
49 132.8 103.8 155.8
51 39.5 31.8 47.8
86 66.0 51.4 77.2

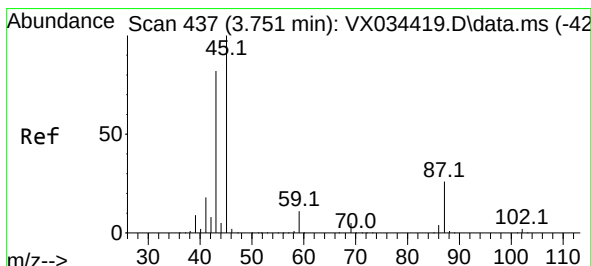
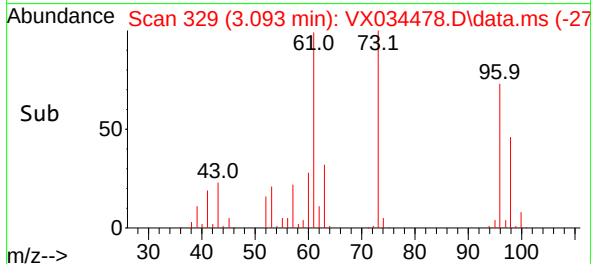
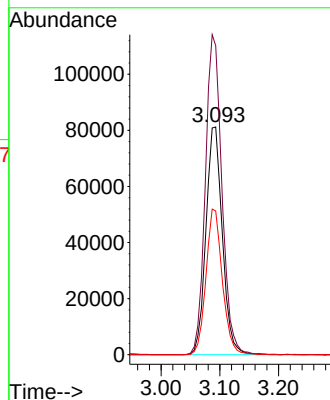
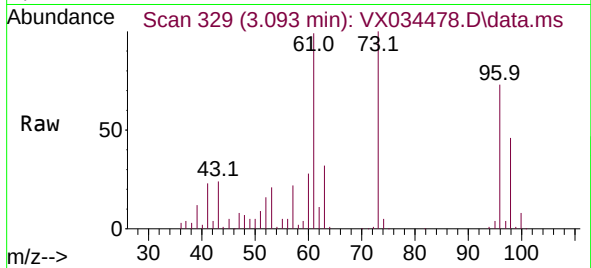




#21
trans-1,2-Dichloroethene
Concen: 48.588 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

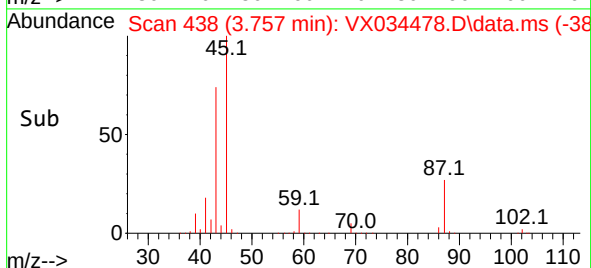
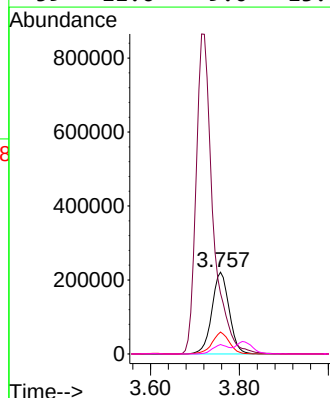
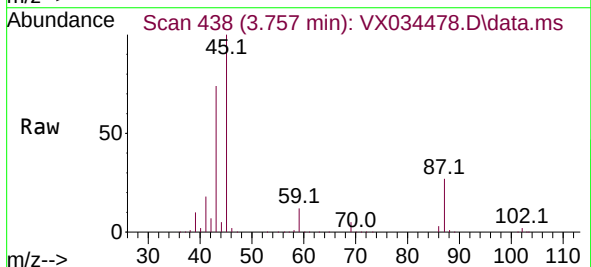
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

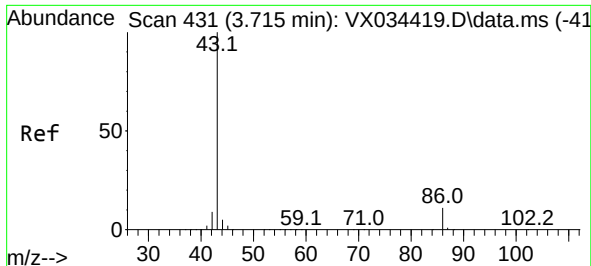
Tgt Ion: 96 Resp: 157796
Ion Ratio Lower Upper
96 100
61 135.7 113.0 169.6
98 63.1 52.1 78.1



#22
Diisopropyl ether
Concen: 50.332 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 45 Resp: 594944
Ion Ratio Lower Upper
45 100
43 74.0 65.4 98.2
87 26.9 20.6 31.0
59 11.6 9.0 13.6

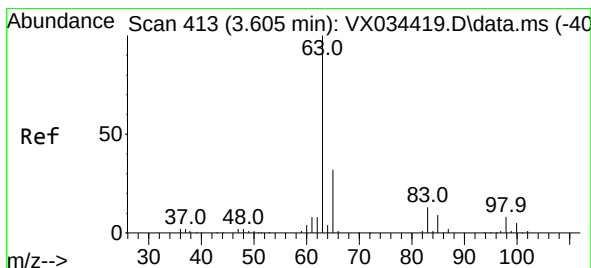
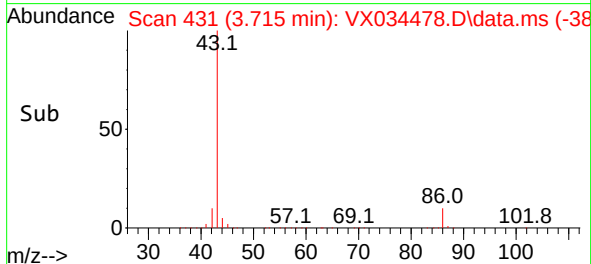
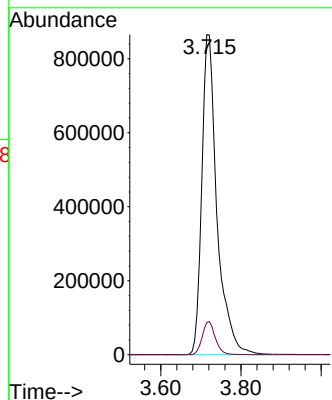
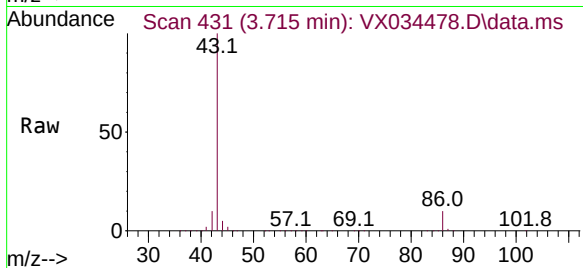




#23
 Vinyl Acetate
 Concen: 253.035 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

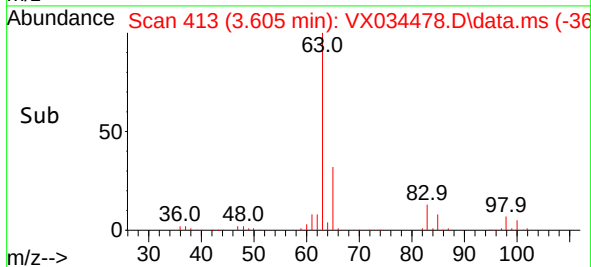
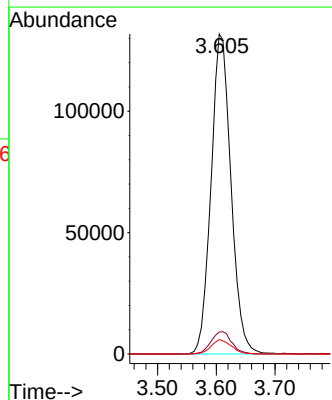
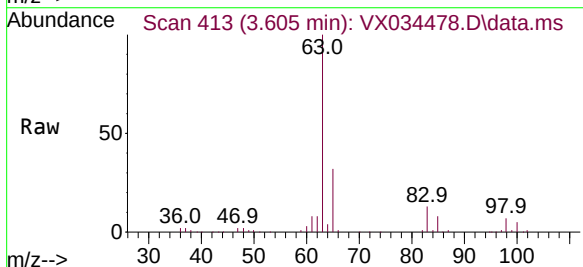
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

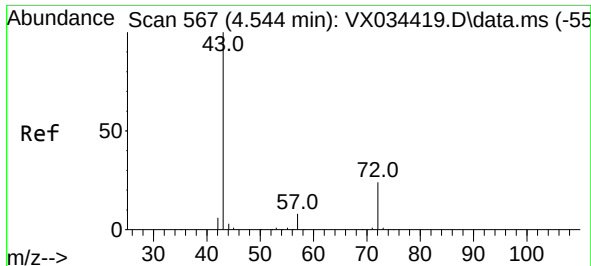
Tgt Ion: 43 Resp: 2276312
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.840 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

Tgt Ion: 63 Resp: 310329
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.5 2.4 7.1

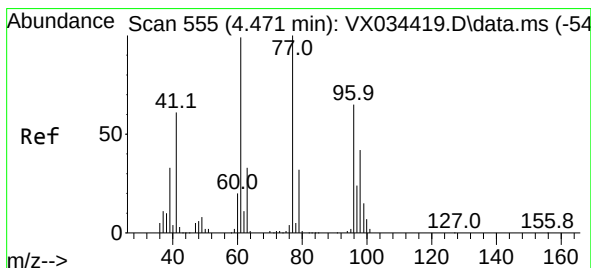
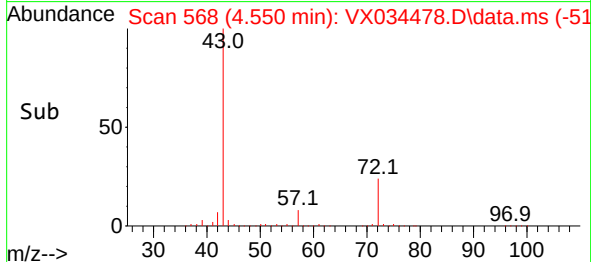
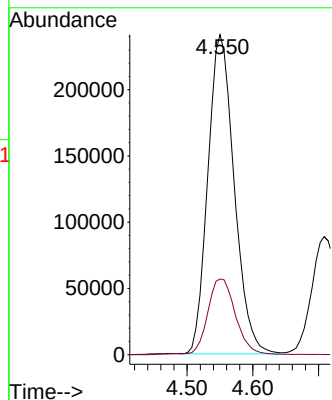
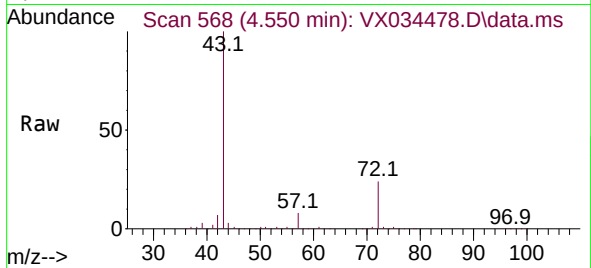




#25
2-Butanone
Concen: 245.240 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

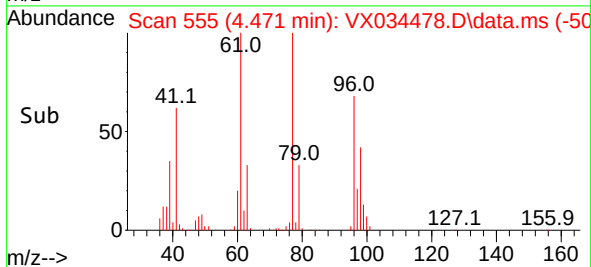
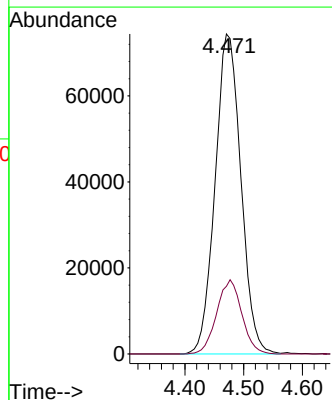
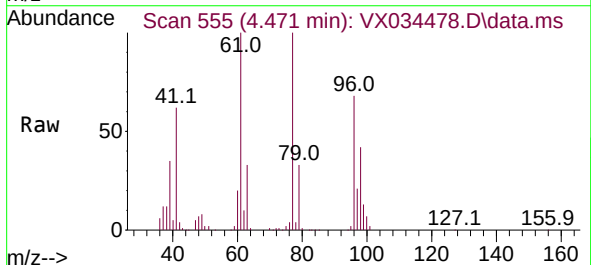
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

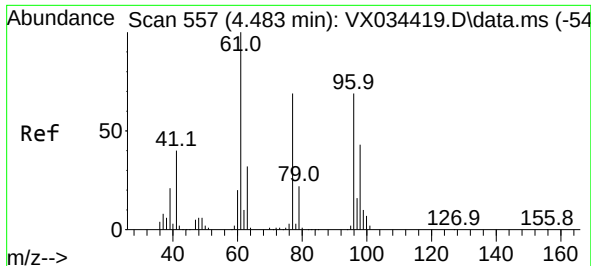
Tgt Ion: 43 Resp: 671718
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9



#26
2,2-Dichloropropane
Concen: 41.031 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 77 Resp: 226619
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.107 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

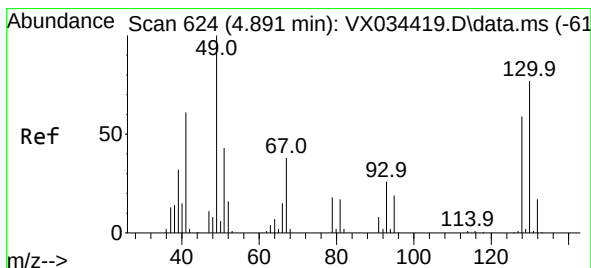
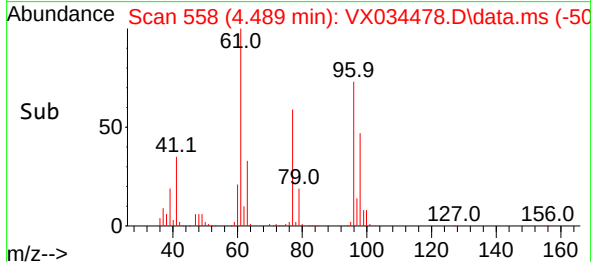
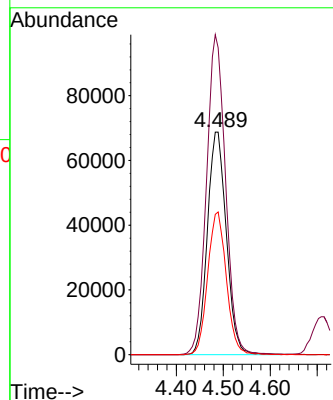
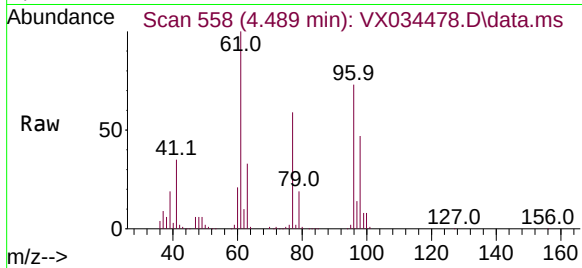
Tgt Ion: 96 Resp: 191981

Ion Ratio Lower Upper

96 100

61 144.8 0.0 300.4

98 63.2 0.0 129.0



#28

Bromochloromethane

Concen: 50.471 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

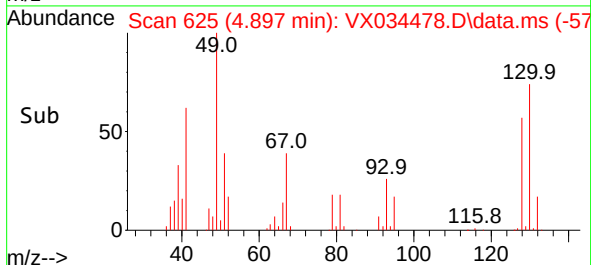
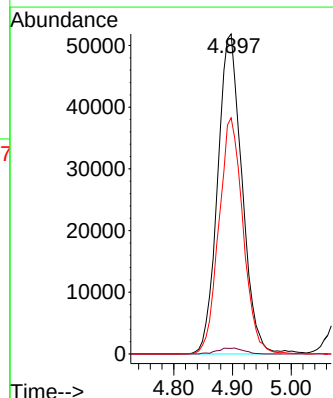
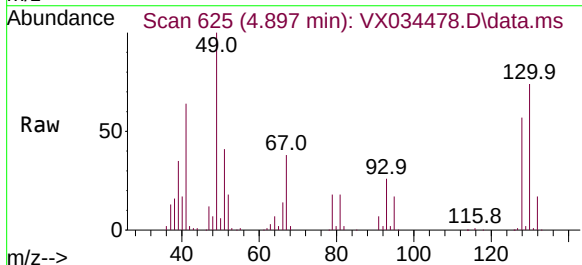
Tgt Ion: 49 Resp: 149113

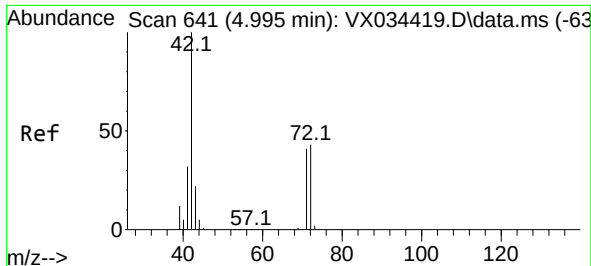
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 258.561 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

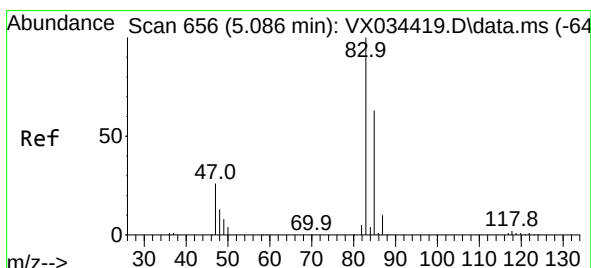
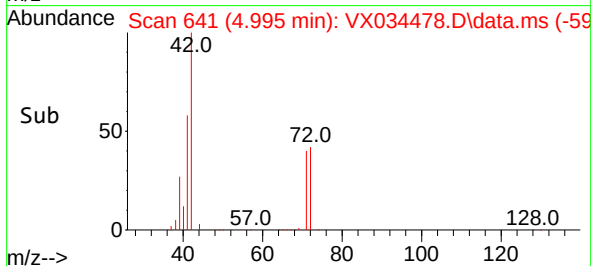
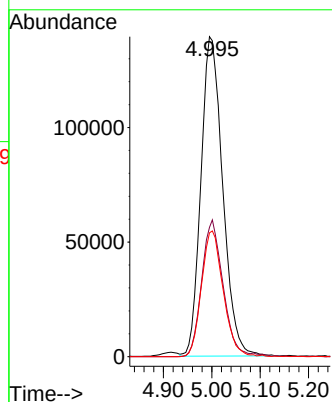
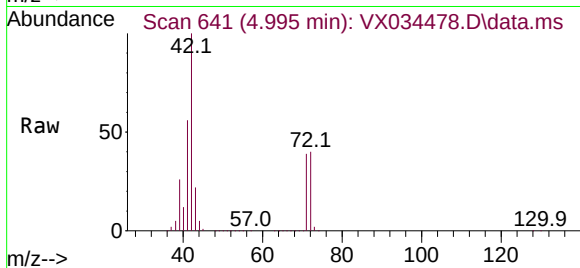
Tgt Ion: 42 Resp: 437003

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

71 39.3 32.1 48.1



#30

Chloroform

Concen: 51.033 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034478.D

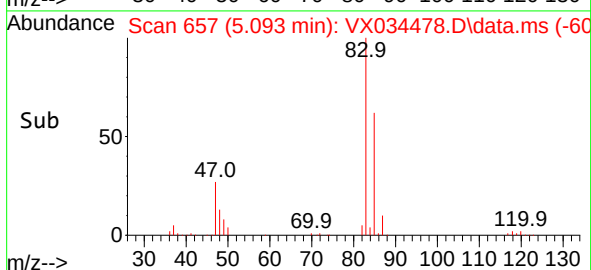
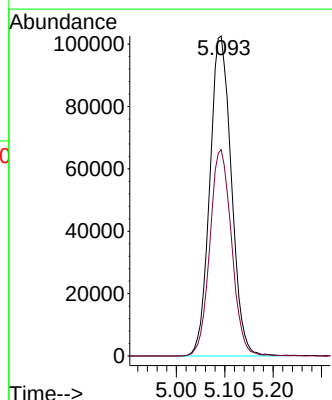
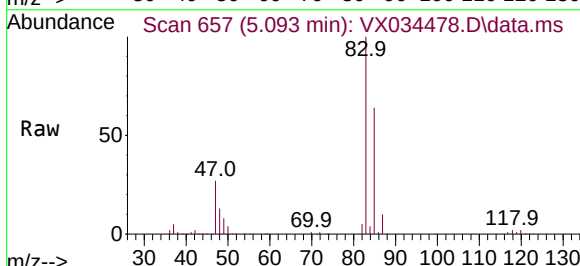
Acq: 15 Mar 2023 02:25

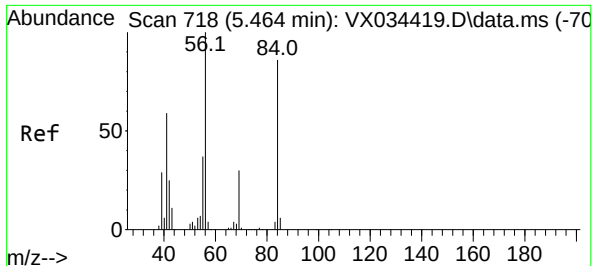
Tgt Ion: 83 Resp: 317855

Ion Ratio Lower Upper

83 100

85 64.5 50.6 76.0

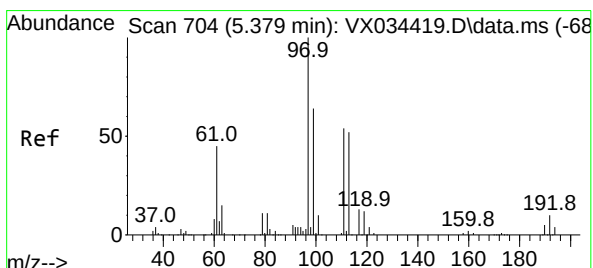
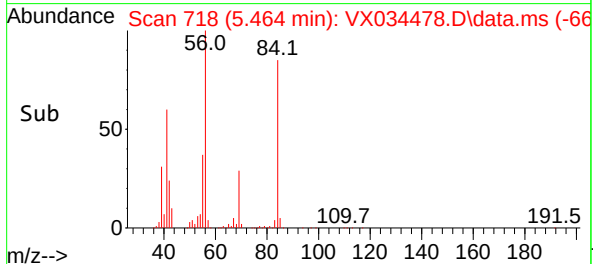
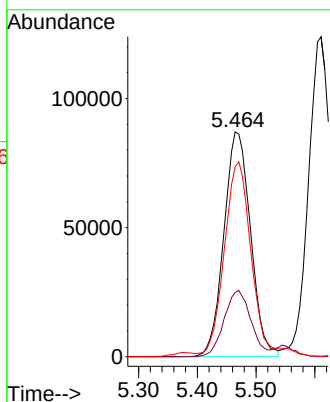
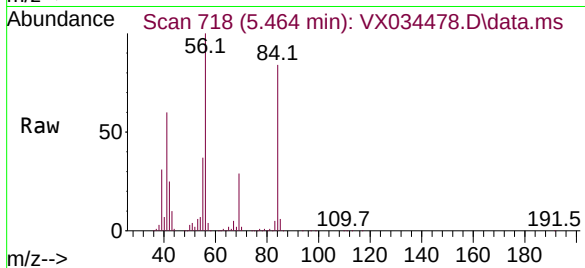




#31
Cyclohexane
Concen: 48.212 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

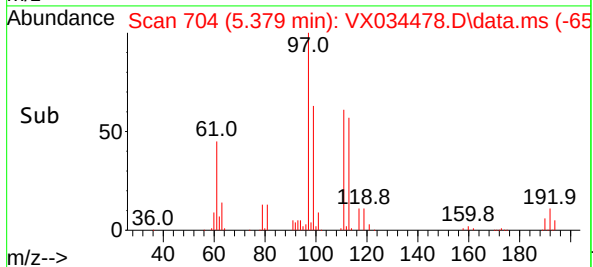
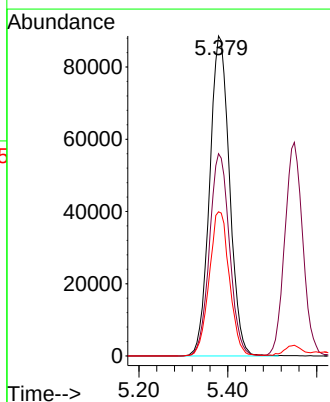
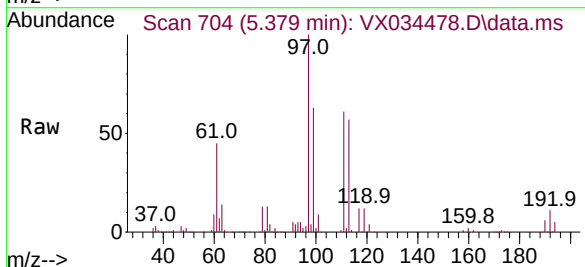
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

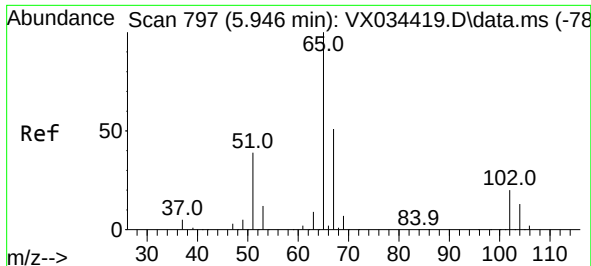
Tgt Ion: 56 Resp: 274775
Ion Ratio Lower Upper
56 100
69 28.5 23.7 35.5
84 83.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 49.857 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 97 Resp: 274901
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 46.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.604 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

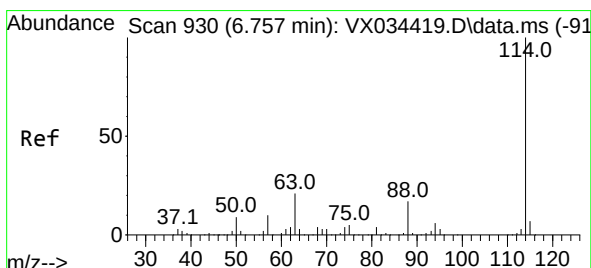
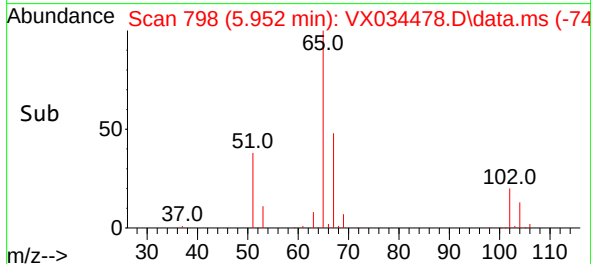
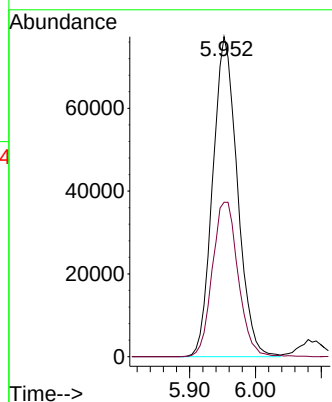
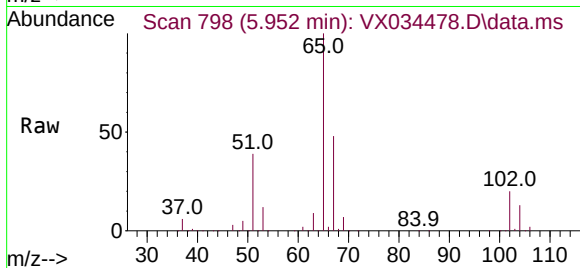
VSTDCCC050

Tgt Ion: 65 Resp: 201582

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

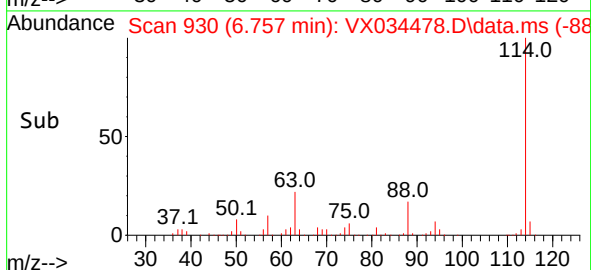
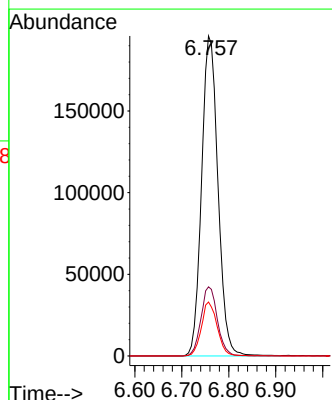
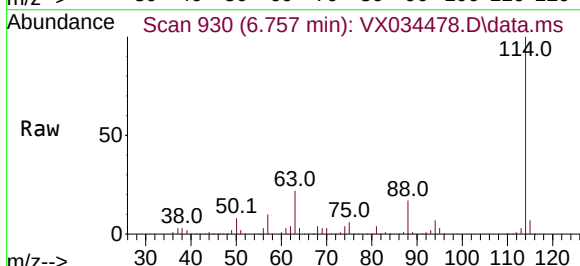
Tgt Ion: 114 Resp: 475266

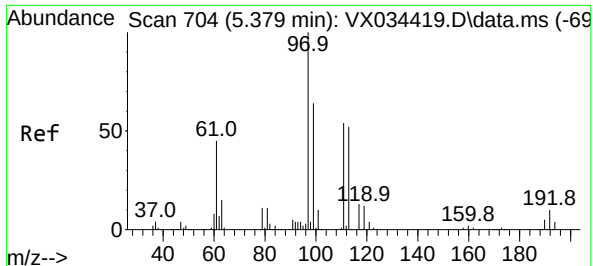
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 16.9 0.0 33.2

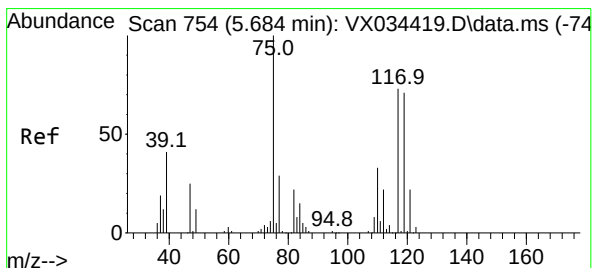
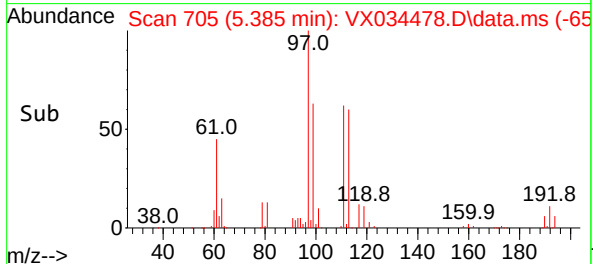
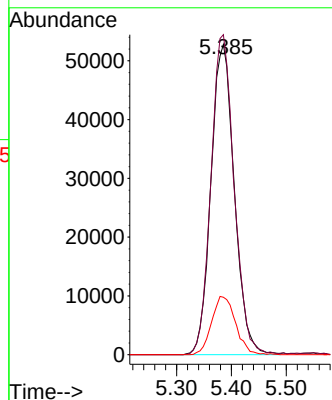
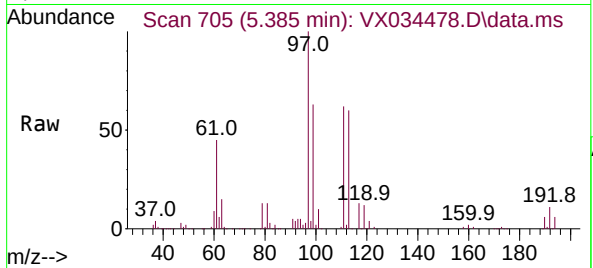




#35
Dibromofluoromethane
Concen: 49.735 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

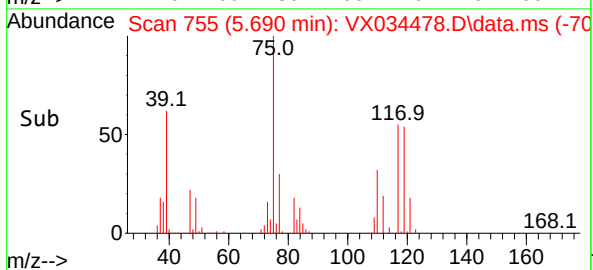
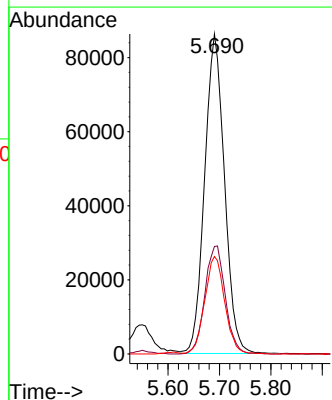
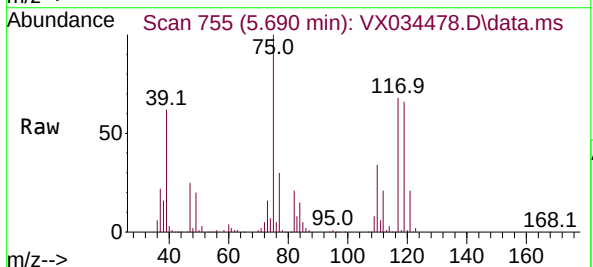
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

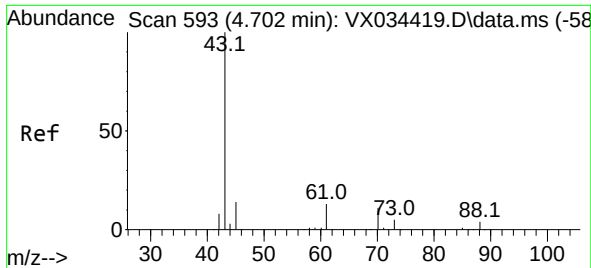
Tgt Ion:113 Resp: 156065
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 47.982 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 75 Resp: 231257
Ion Ratio Lower Upper
75 100
110 34.8 17.5 52.5
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 49.733 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

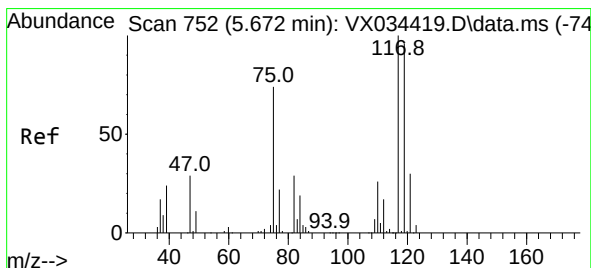
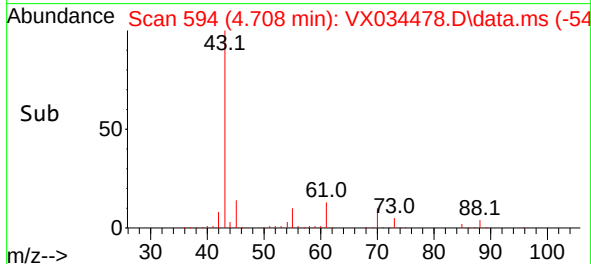
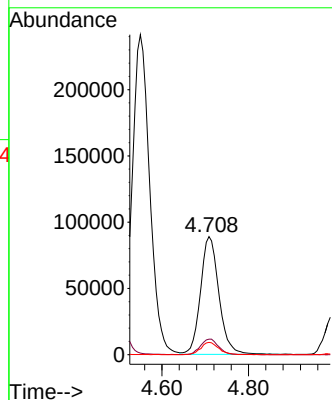
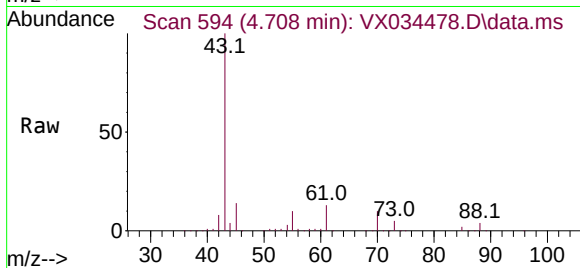
Tgt Ion: 43 Resp: 261861

Ion Ratio Lower Upper

43 100

61 12.7 10.2 15.4

70 10.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 48.399 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

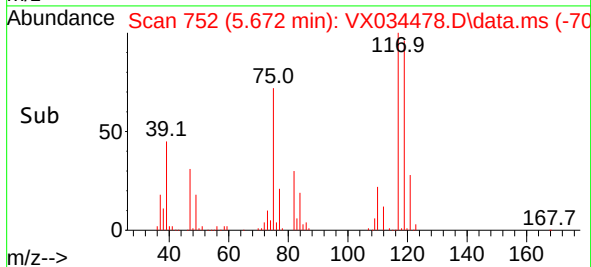
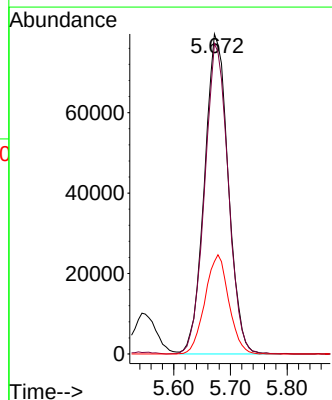
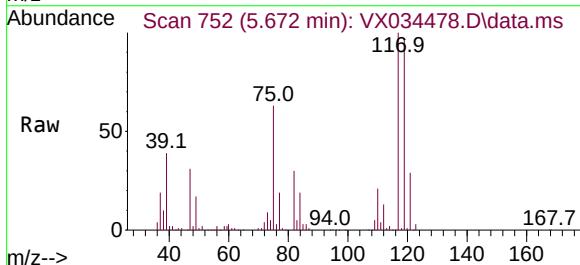
Tgt Ion: 117 Resp: 232058

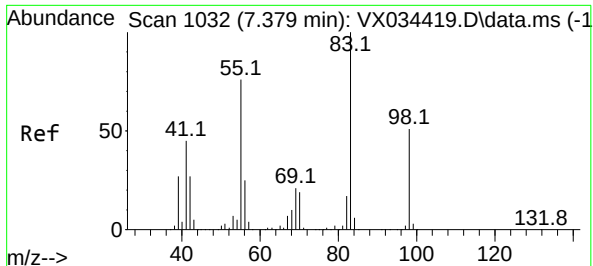
Ion Ratio Lower Upper

117 100

119 96.9 76.6 114.8

121 28.9 23.8 35.6





#39

Methylcyclohexane

Concen: 47.391 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

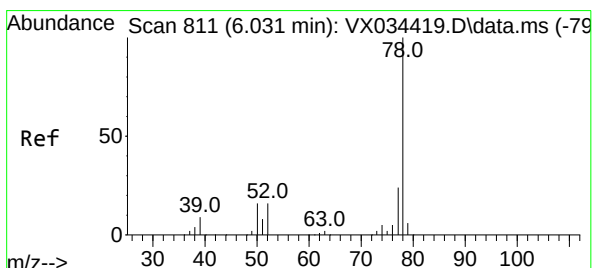
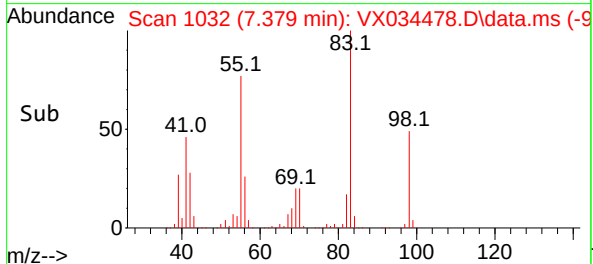
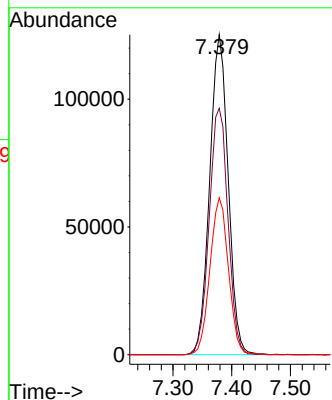
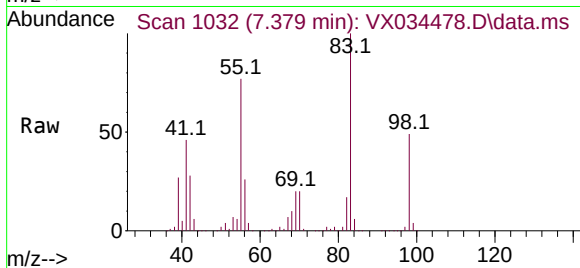
Tgt Ion: 83 Resp: 273340

Ion Ratio Lower Upper

83 100

55 77.0 60.5 90.7

98 49.1 40.4 60.6



#40

Benzene

Concen: 48.729 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034478.D

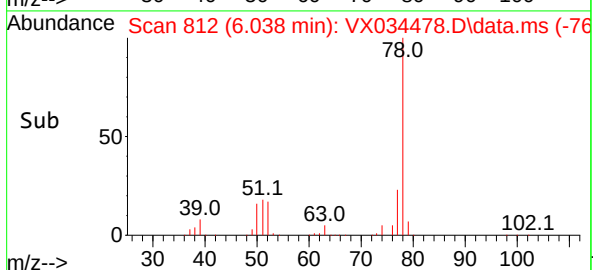
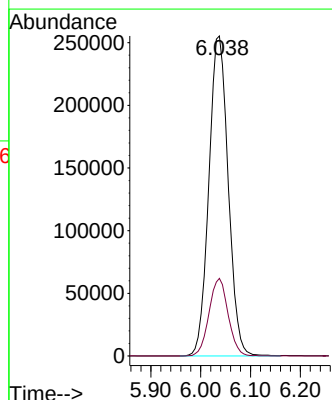
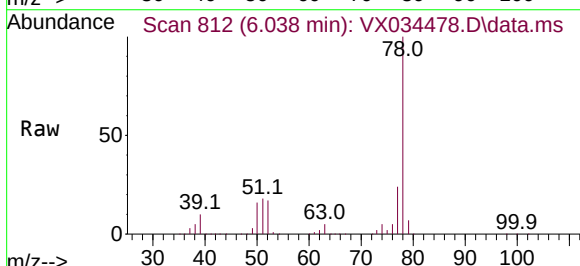
Acq: 15 Mar 2023 02:25

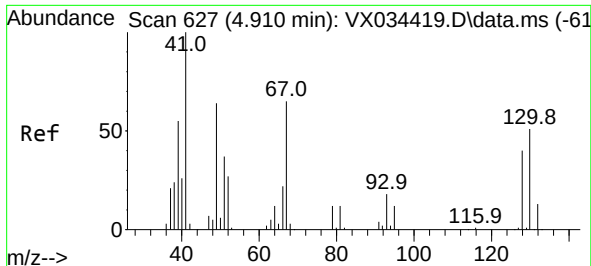
Tgt Ion: 78 Resp: 687050

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



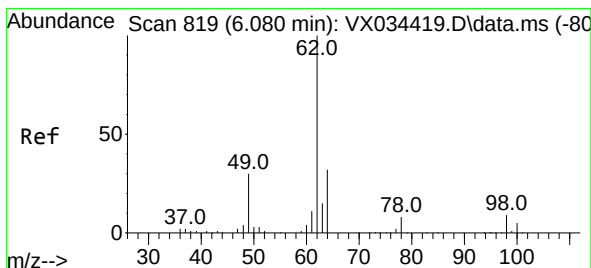
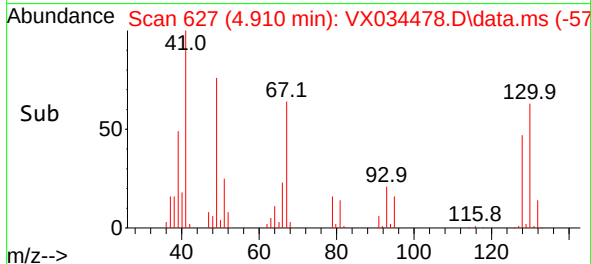
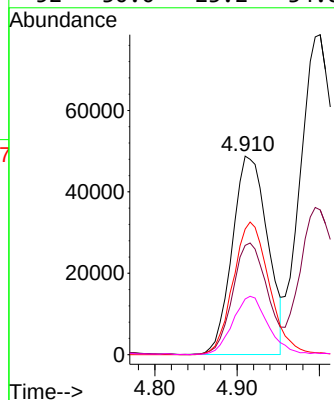
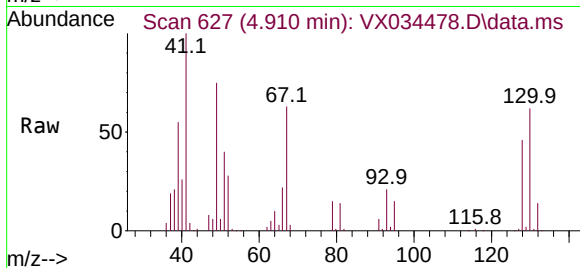


#41
Methacrylonitrile
Concen: 50.452 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 145585

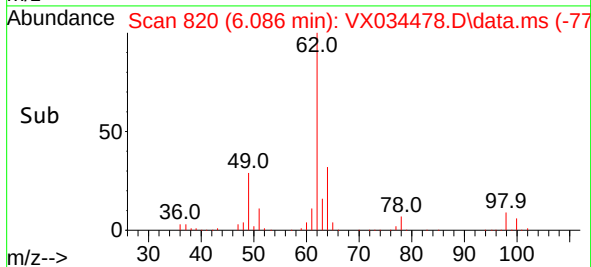
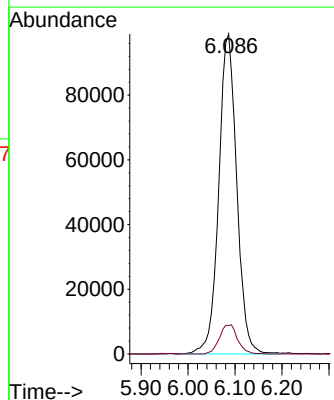
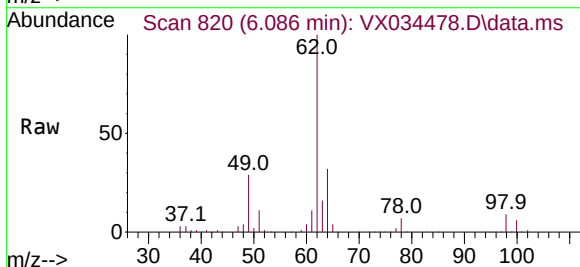
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.0	67.6
67	68.5	55.6	83.4
52	30.0	23.2	34.8

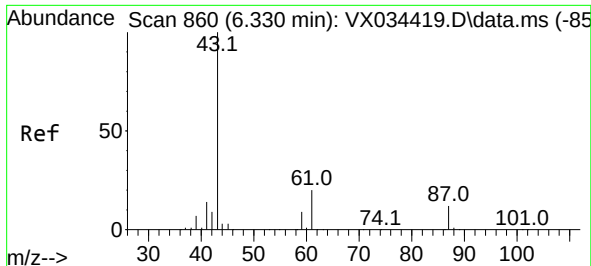


#42
1,2-Dichloroethane
Concen: 50.900 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 62 Resp: 263753

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 49.918 ug/l

RT: 6.336 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

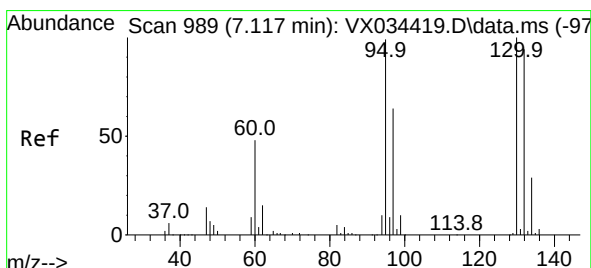
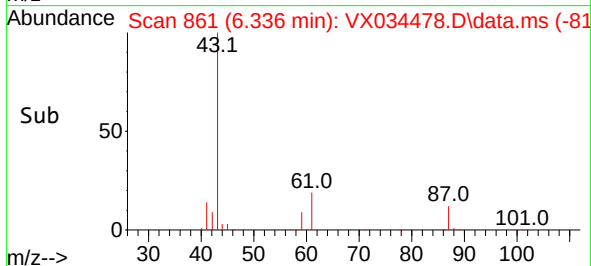
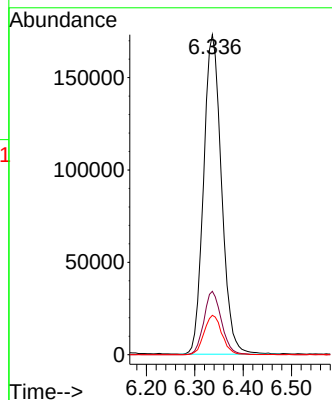
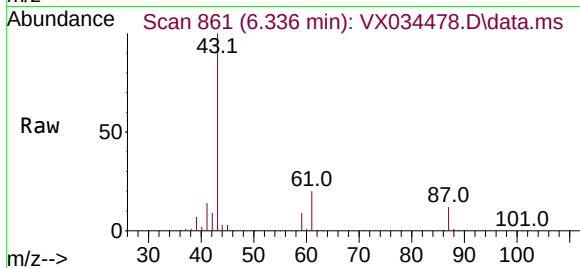
Tgt Ion: 43 Resp: 445262

Ion Ratio Lower Upper

43 100

61 19.5 15.2 22.8

87 12.3 9.8 14.8



#44

Trichloroethene

Concen: 47.741 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034478.D

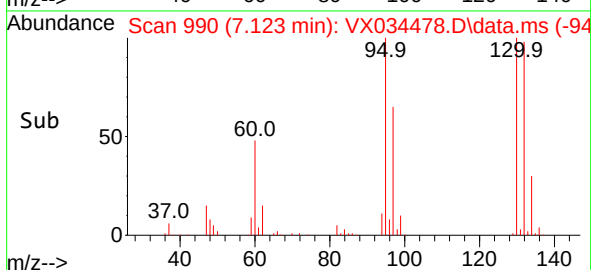
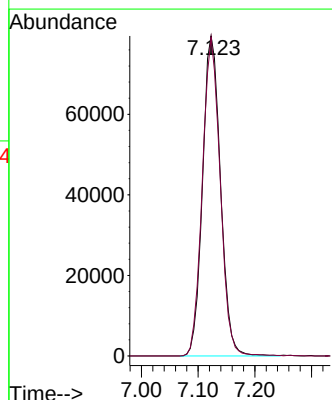
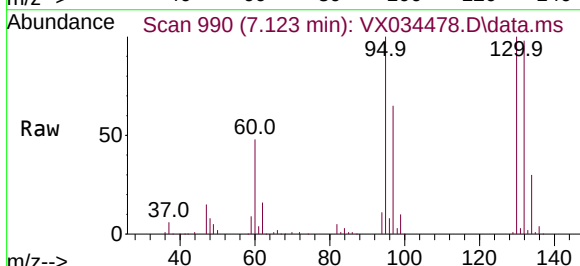
Acq: 15 Mar 2023 02:25

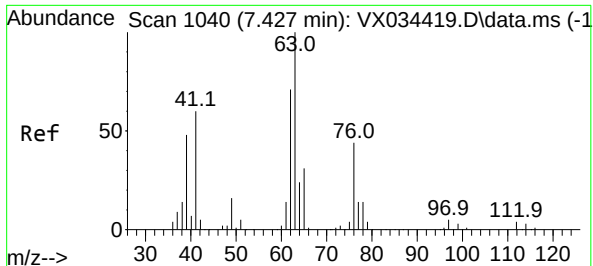
Tgt Ion:130 Resp: 174893

Ion Ratio Lower Upper

130 100

95 99.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.960 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

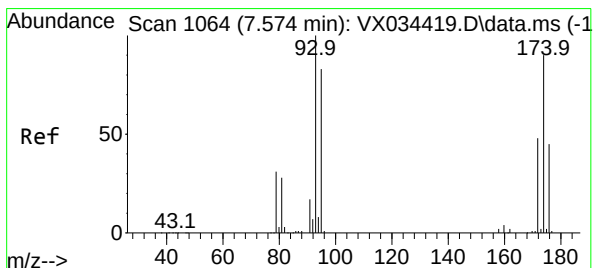
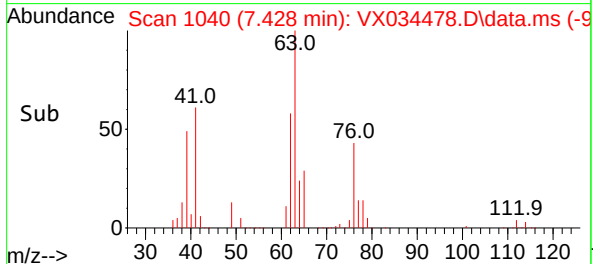
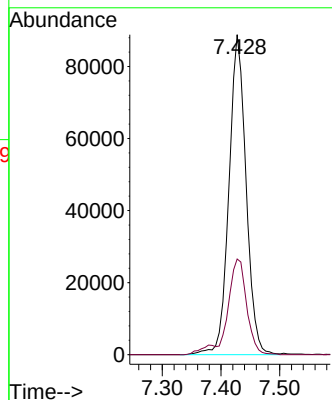
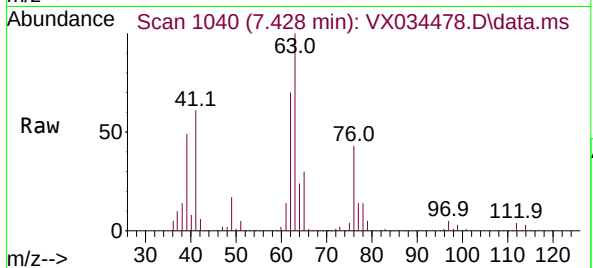
VSTDCCC050

Tgt Ion: 63 Resp: 180243

Ion Ratio Lower Upper

63 100

65 29.9 24.6 37.0



#46

Dibromomethane

Concen: 49.581 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

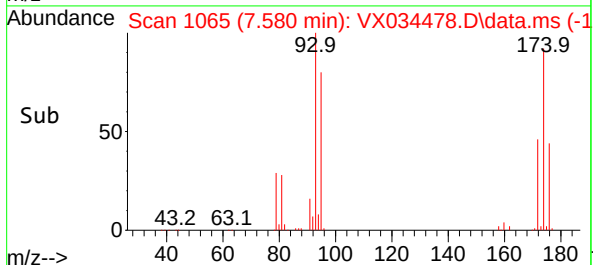
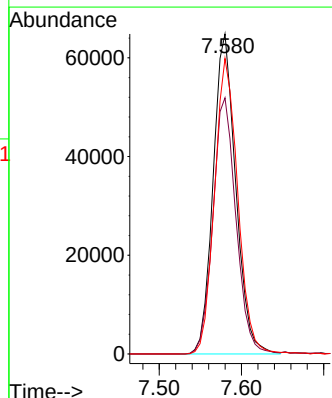
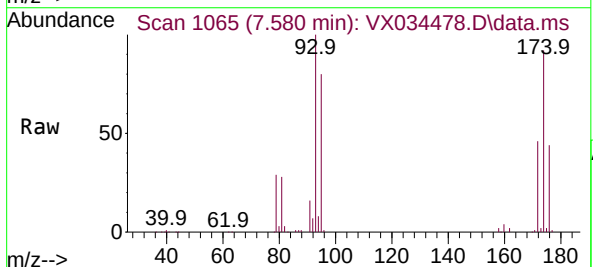
Tgt Ion: 93 Resp: 124092

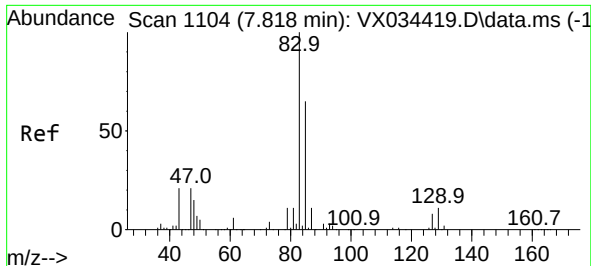
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

174 94.8 75.4 113.0

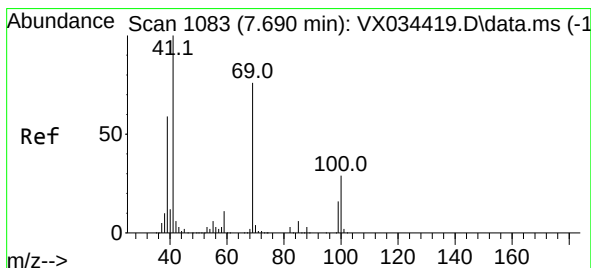
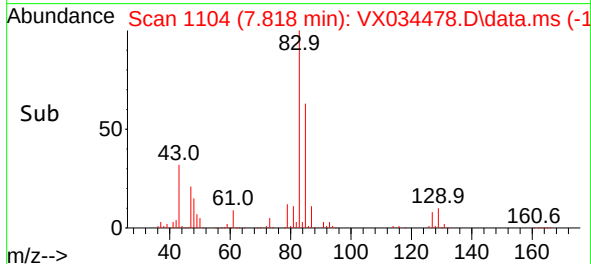
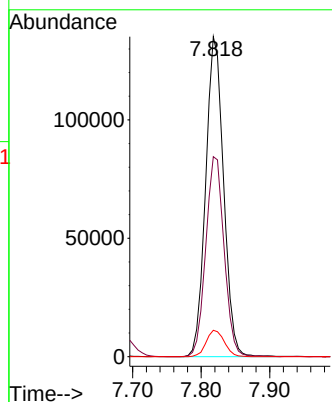
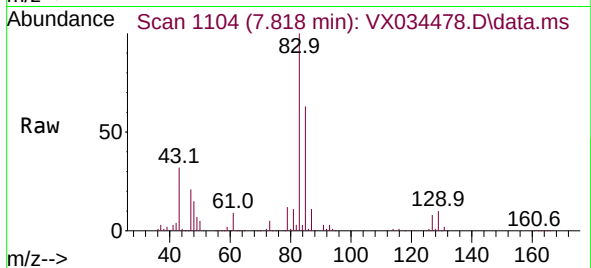




#47
Bromodichloromethane
Concen: 50.780 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

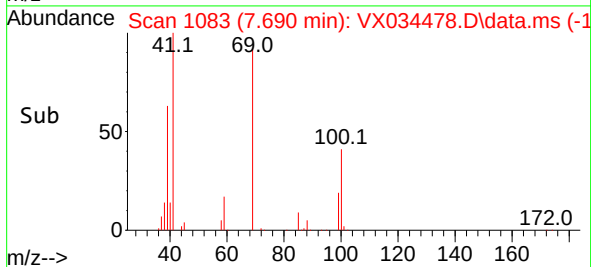
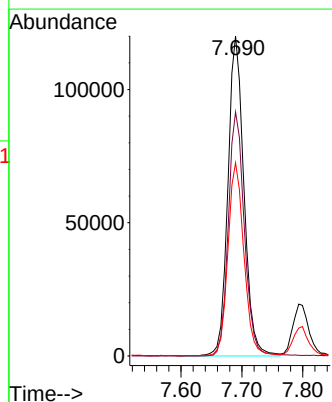
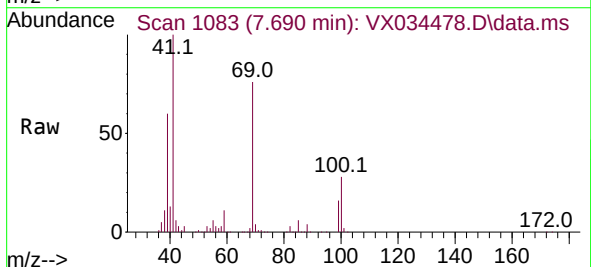
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

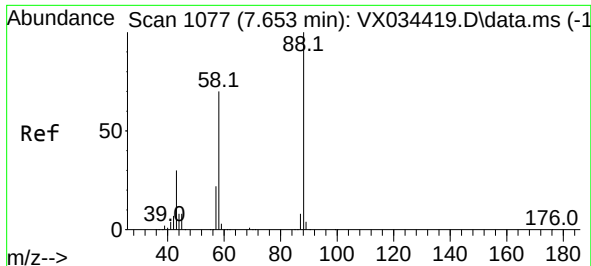
Tgt Ion: 83 Resp: 245971
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.4
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 51.052 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 41 Resp: 219010
Ion Ratio Lower Upper
41 100
69 76.6 62.2 93.4
39 60.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1109.863 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

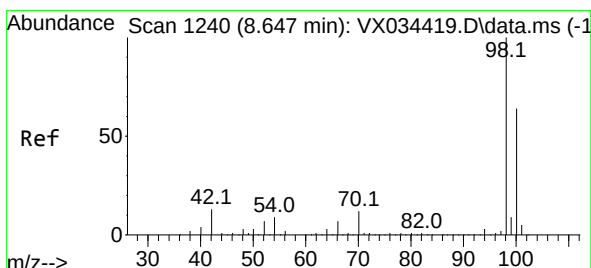
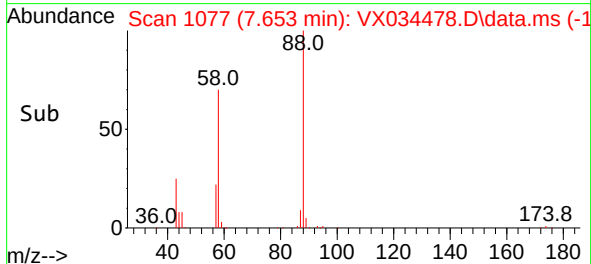
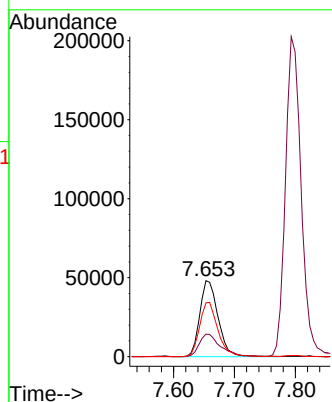
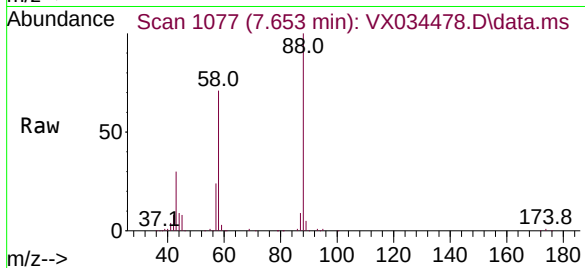
Tgt Ion: 88 Resp: 100005

Ion Ratio Lower Upper

88 100

43 34.0 27.7 41.5

58 71.8 56.8 85.2



#50

Toluene-d8

Concen: 50.572 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034478.D

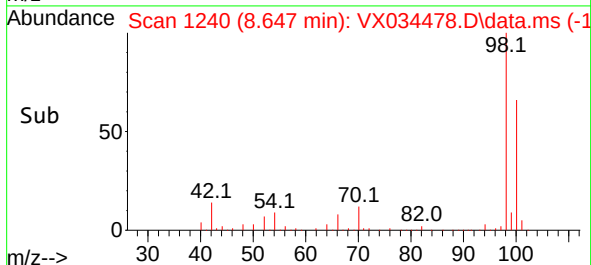
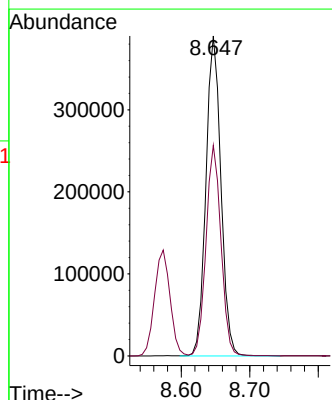
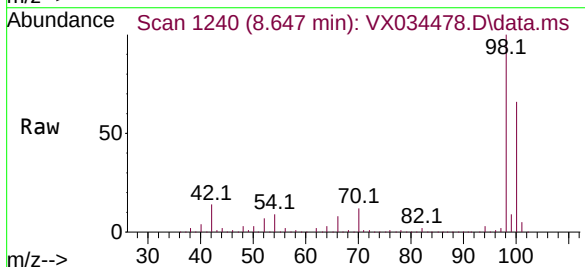
Acq: 15 Mar 2023 02:25

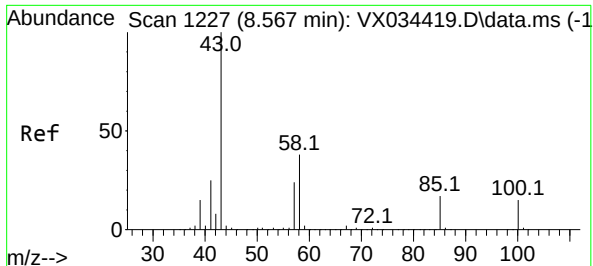
Tgt Ion: 98 Resp: 592400

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 264.322 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

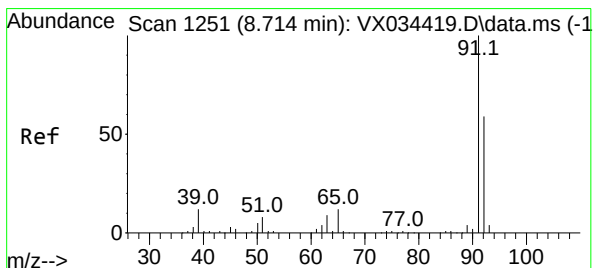
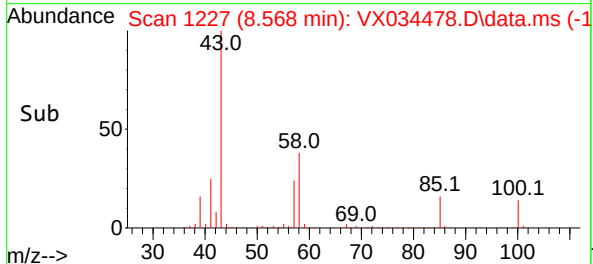
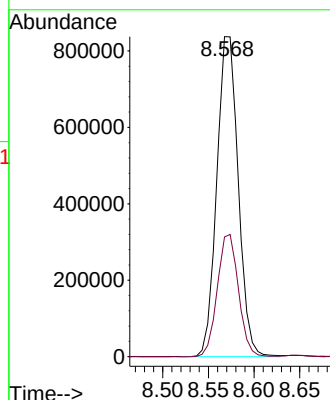
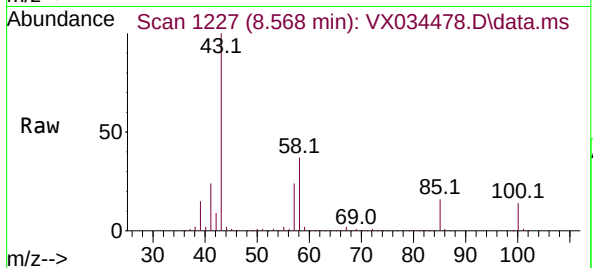
VSTDCCC050

Tgt Ion: 43 Resp: 1367729

Ion Ratio Lower Upper

43 100

58 37.8 30.6 46.0



#52

Toluene

Concen: 50.442 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034478.D

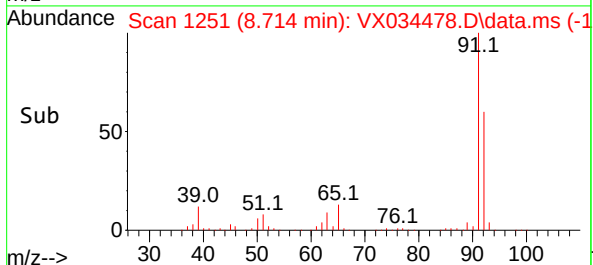
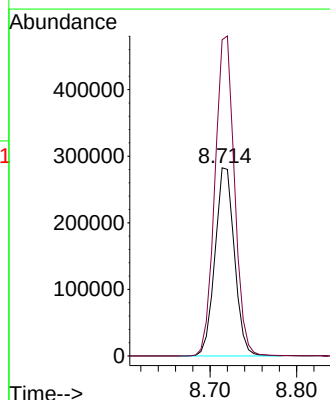
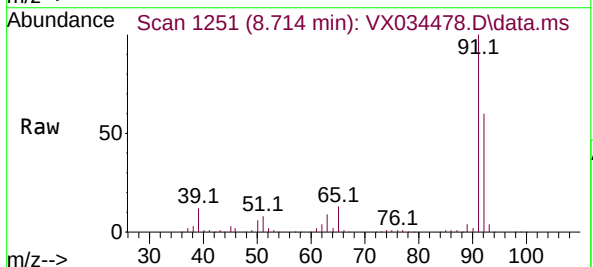
Acq: 15 Mar 2023 02:25

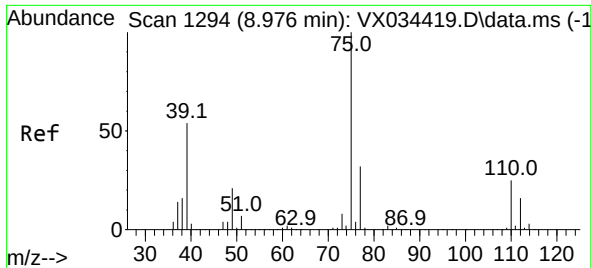
Tgt Ion: 92 Resp: 440312

Ion Ratio Lower Upper

92 100

91 171.3 136.8 205.2

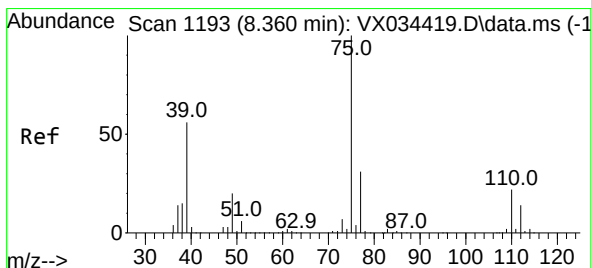
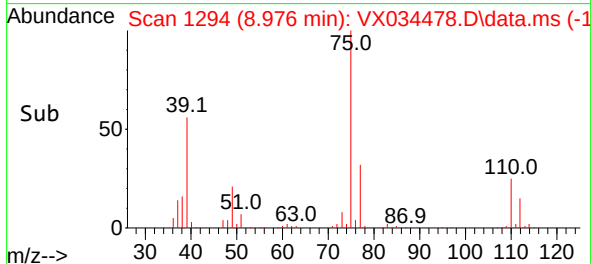
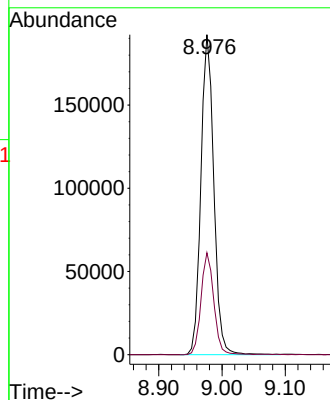
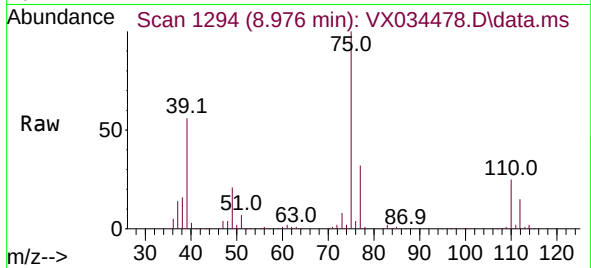




#53
 t-1,3-Dichloropropene
 Concen: 50.051 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

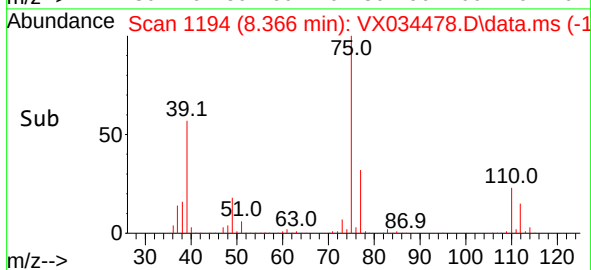
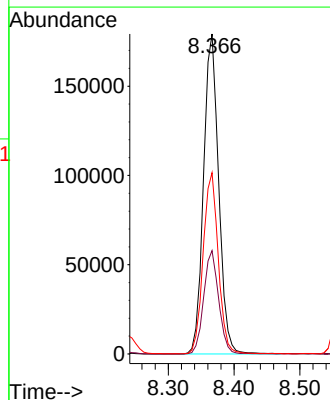
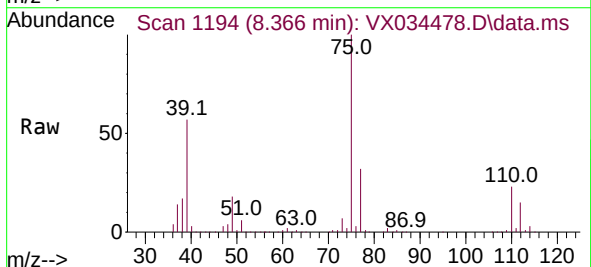
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

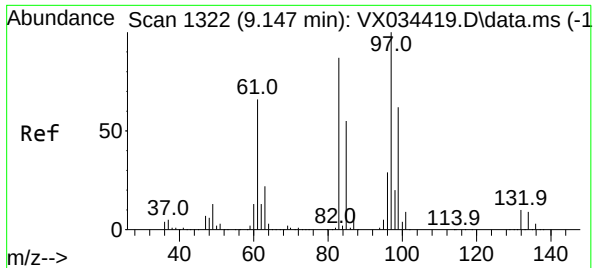
Tgt Ion: 75 Resp: 273133
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.515 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

Tgt Ion: 75 Resp: 286432
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4
 39 56.6 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 52.172 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 180737

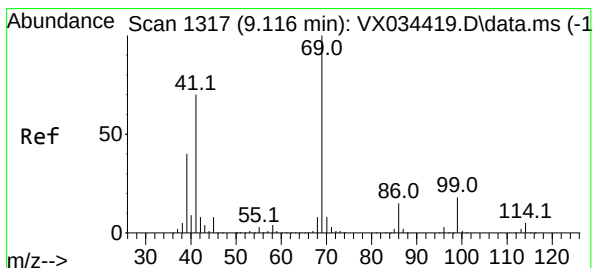
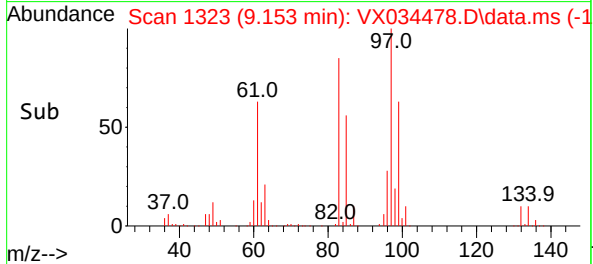
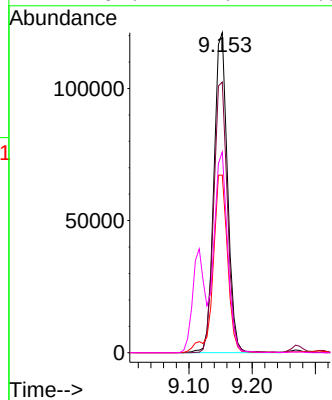
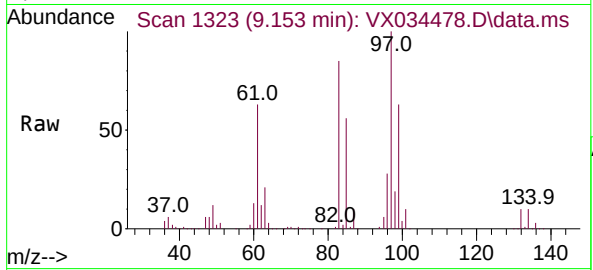
Ion Ratio Lower Upper

97 100

83 84.6 69.7 104.5

85 55.5 43.7 65.5

99 62.7 49.7 74.5



#56

Ethyl methacrylate

Concen: 51.213 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

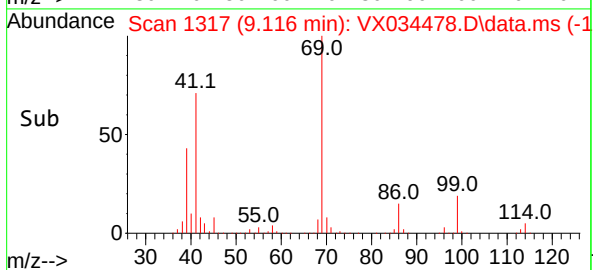
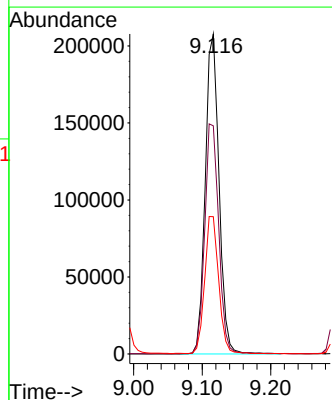
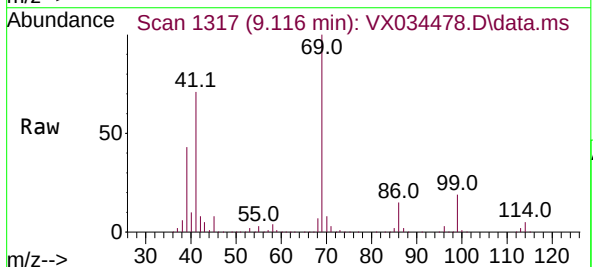
Tgt Ion: 69 Resp: 291293

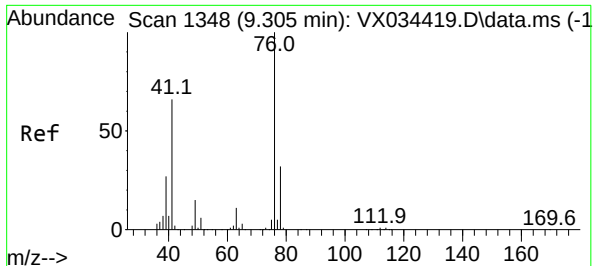
Ion Ratio Lower Upper

69 100

41 73.2 57.4 86.0

39 43.7 33.7 50.5





#57

1,3-Dichloropropane

Concen: 50.810 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

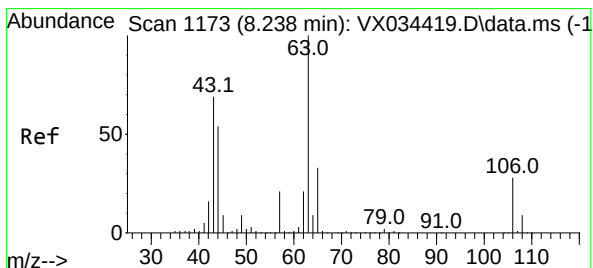
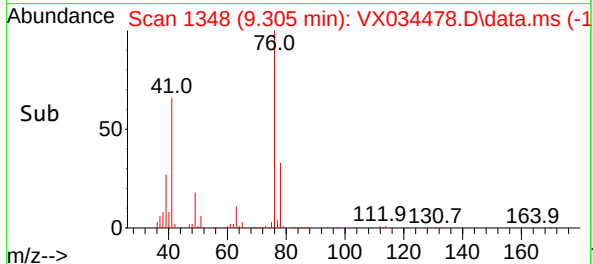
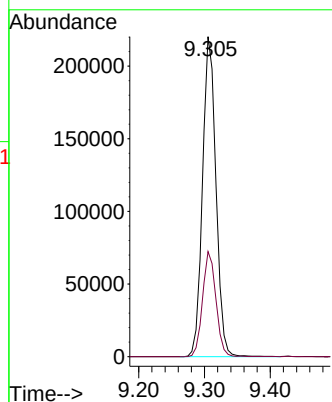
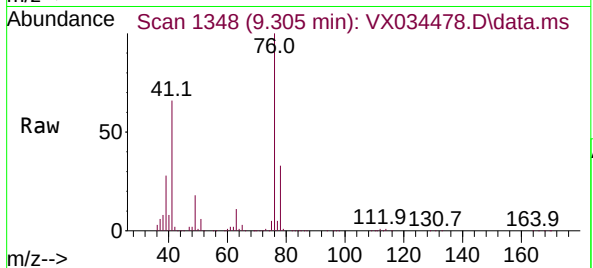
VSTDCCC050

Tgt Ion: 76 Resp: 312834

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 229.799 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034478.D

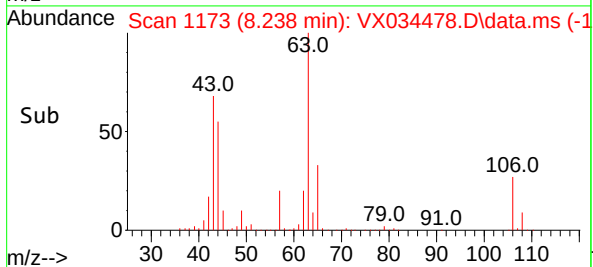
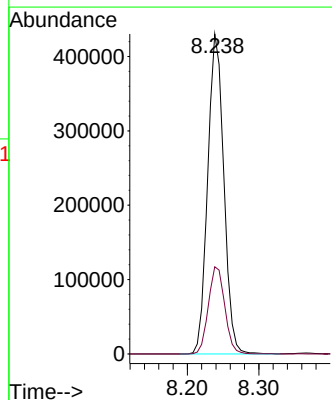
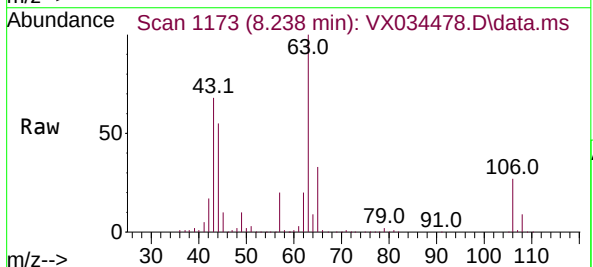
Acq: 15 Mar 2023 02:25

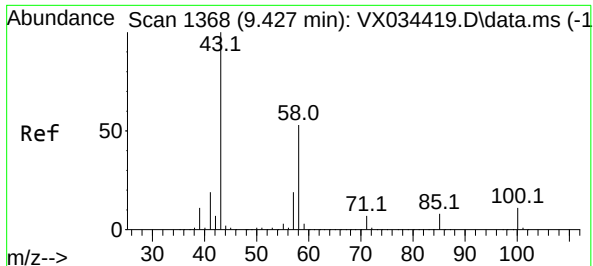
Tgt Ion: 63 Resp: 673609

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2





#59

2-Hexanone

Concen: 259.640 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

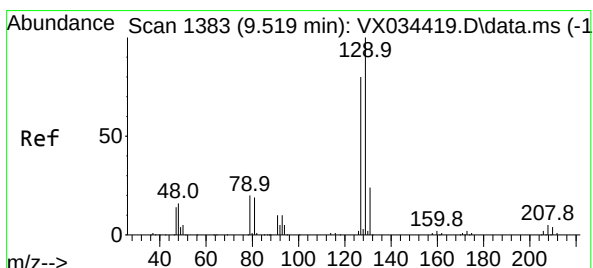
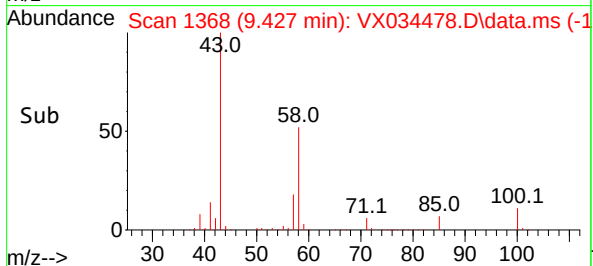
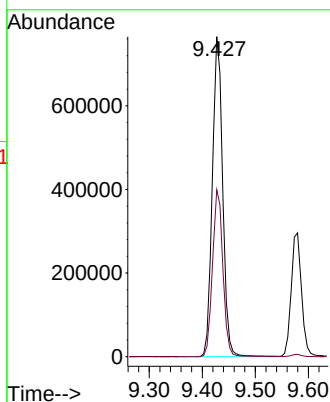
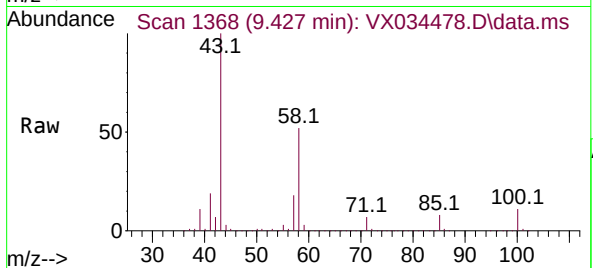
VSTDCCC050

Tgt Ion: 43 Resp: 1038550

Ion Ratio Lower Upper

43 100

58 52.5 26.3 78.9



#60

Dibromochloromethane

Concen: 52.904 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034478.D

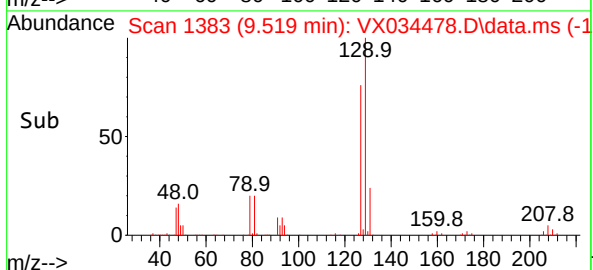
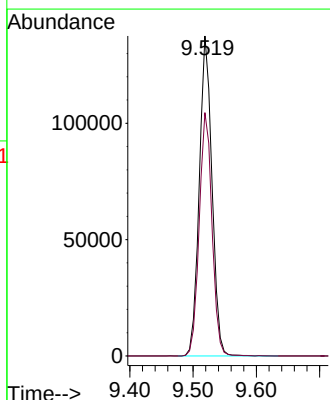
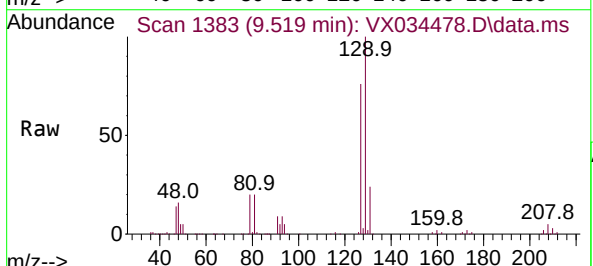
Acq: 15 Mar 2023 02:25

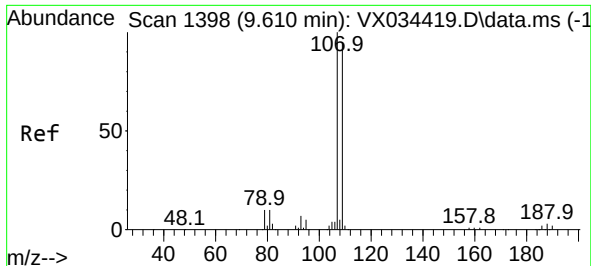
Tgt Ion:129 Resp: 192214

Ion Ratio Lower Upper

129 100

127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.738 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

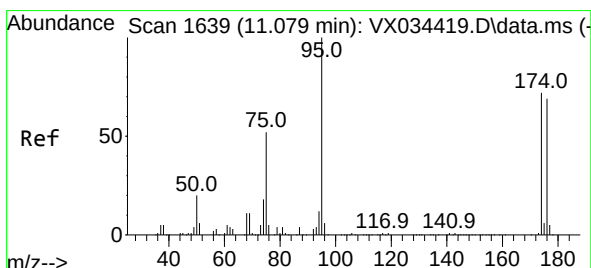
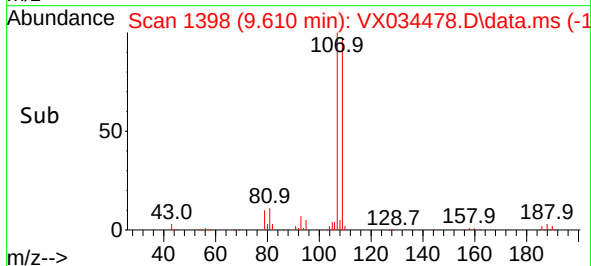
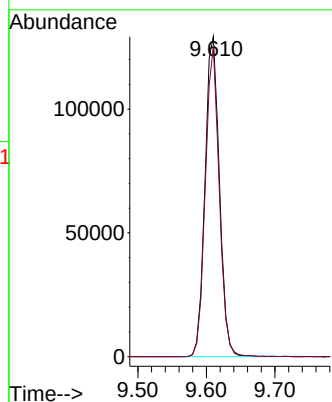
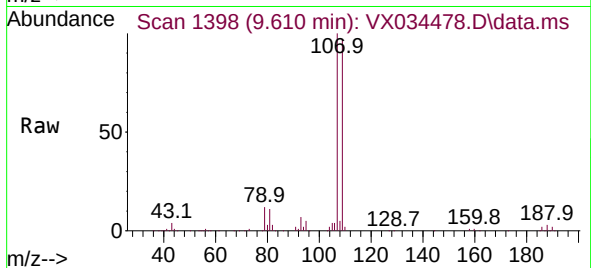
VSTDCCC050

Tgt Ion:107 Resp: 189672

Ion Ratio Lower Upper

107 100

109 93.5 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 50.533 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

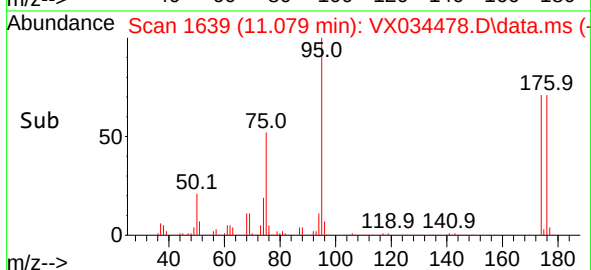
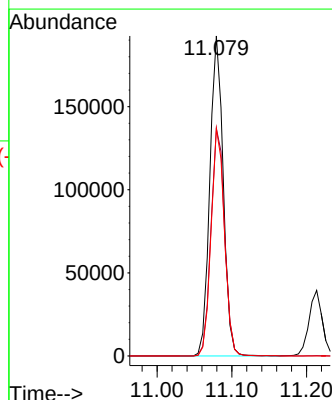
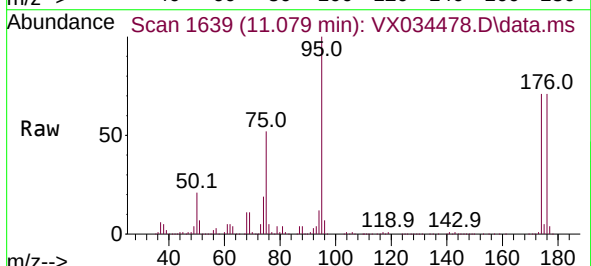
Tgt Ion: 95 Resp: 239104

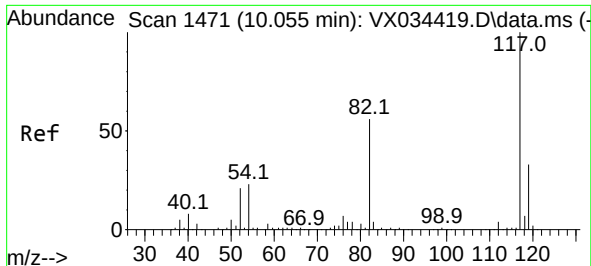
Ion Ratio Lower Upper

95 100

174 72.8 0.0 147.4

176 71.0 0.0 140.6

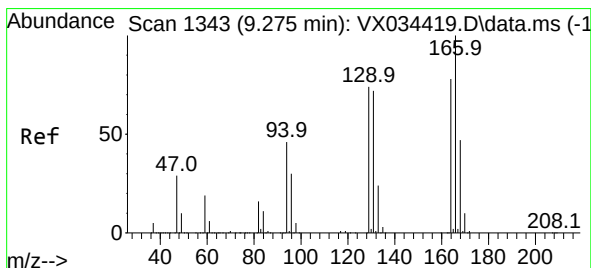
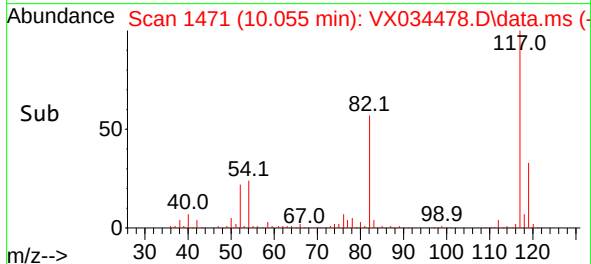
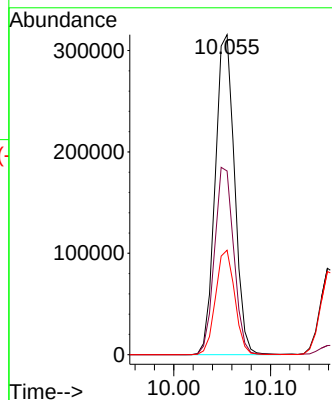
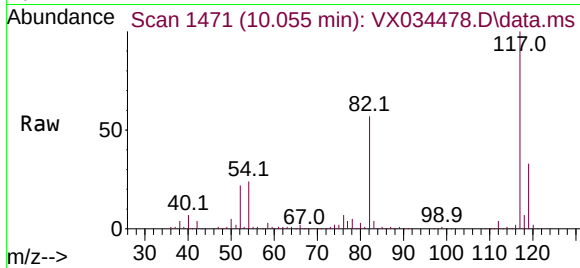




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

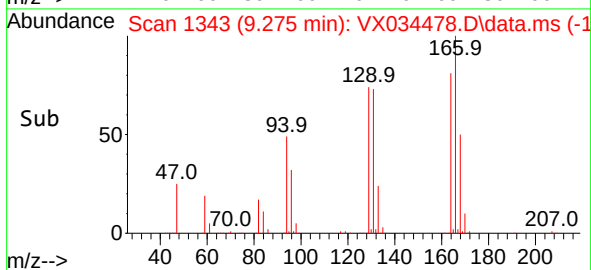
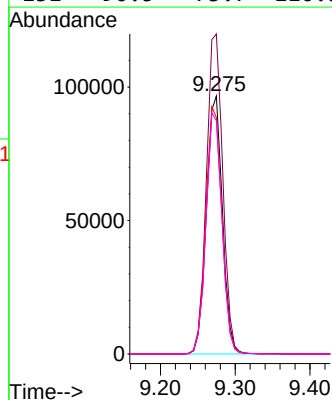
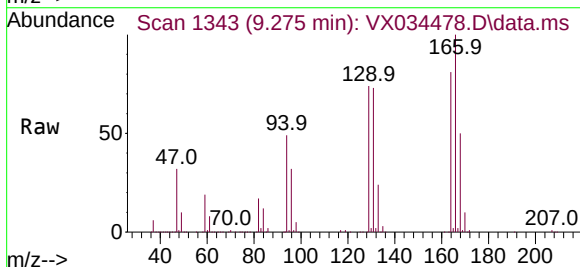
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

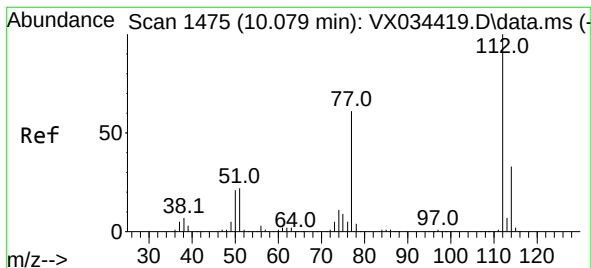
Tgt Ion:117 Resp: 437058
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 48.797 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion:164 Resp: 143261
Ion Ratio Lower Upper
164 100
166 124.1 102.7 154.1
129 91.7 75.6 113.4
131 90.5 73.7 110.5

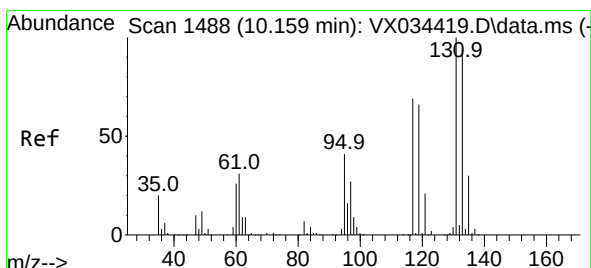
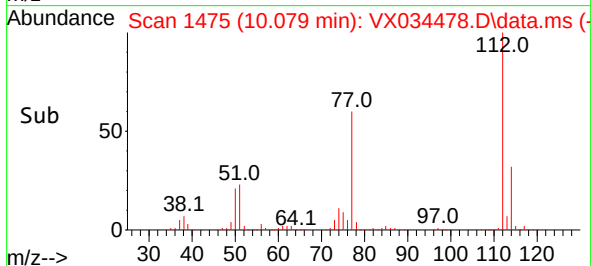
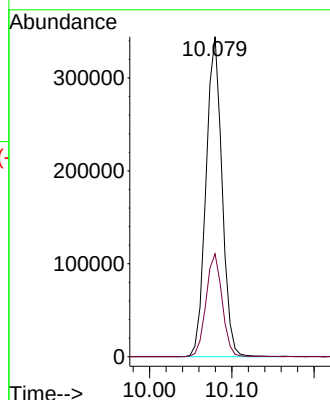
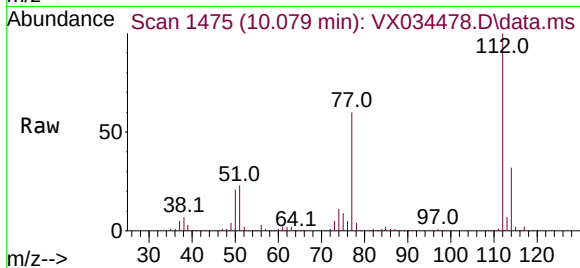




#65
Chlorobenzene
Concen: 48.603 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

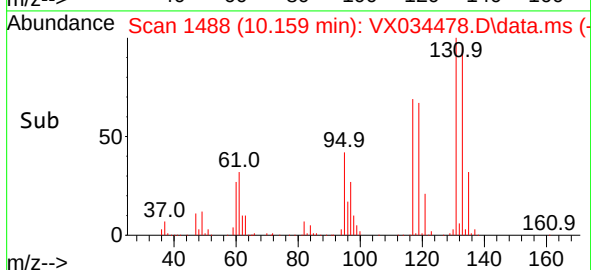
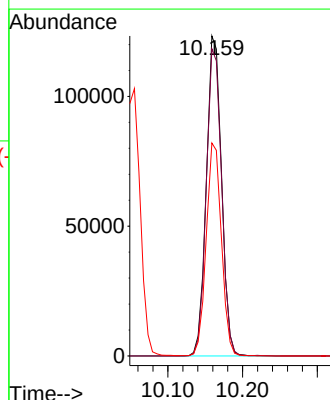
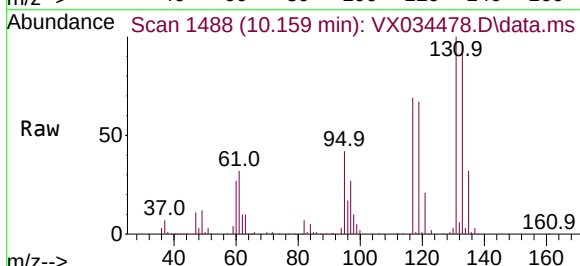
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

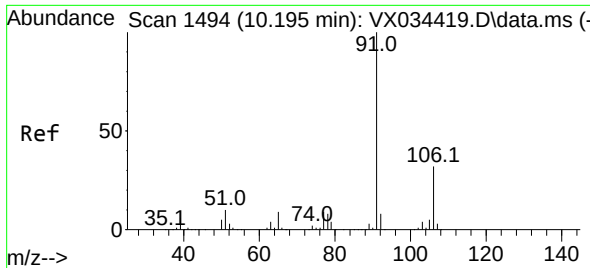
Tgt Ion:112 Resp: 466072
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.727 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion:131 Resp: 173673
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 66.8 32.6 98.0

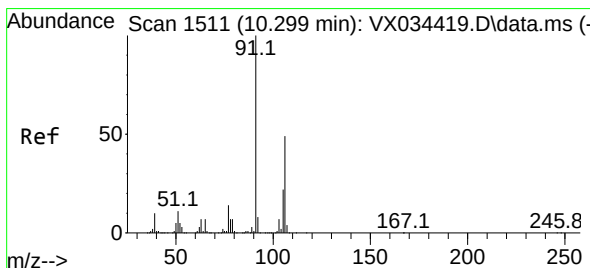
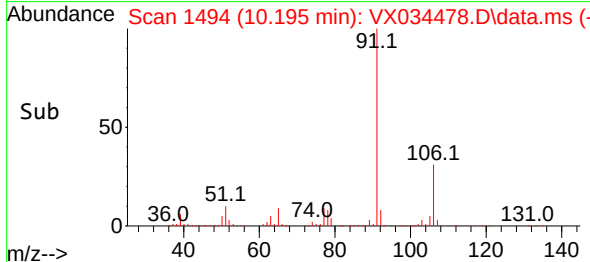
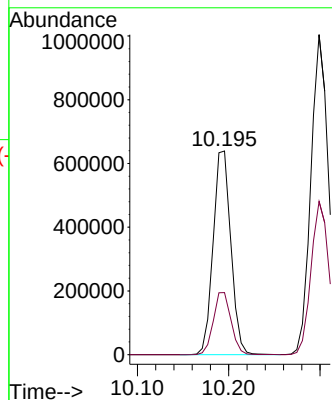
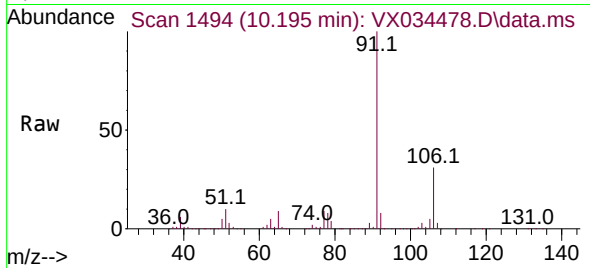




#67
Ethyl Benzene
Concen: 50.320 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

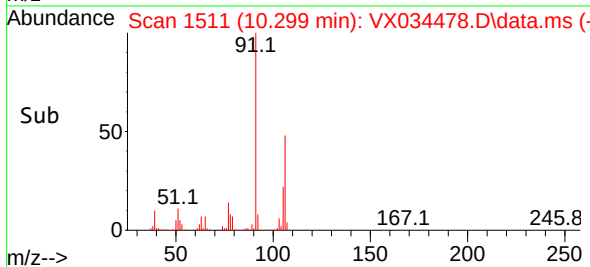
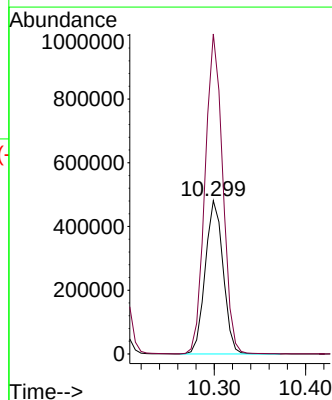
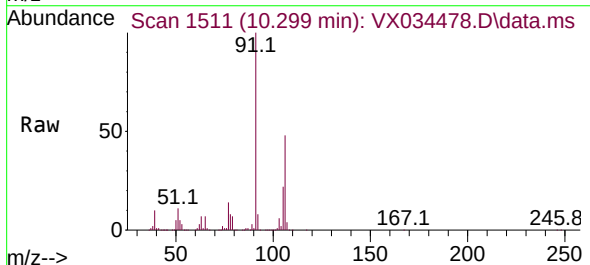
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

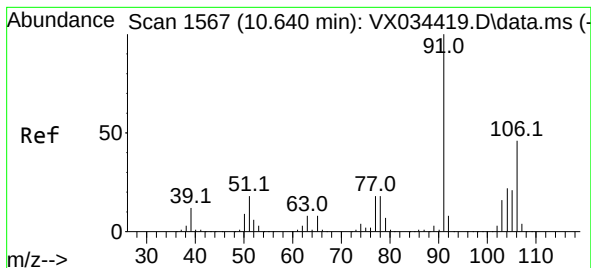
Tgt Ion: 91 Resp: 863846
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 98.987 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 106 Resp: 652783
Ion Ratio Lower Upper
106 100
91 206.2 164.0 246.0





#69

o-Xylene

Concen: 48.962 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

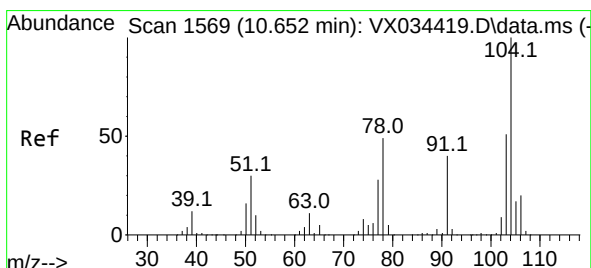
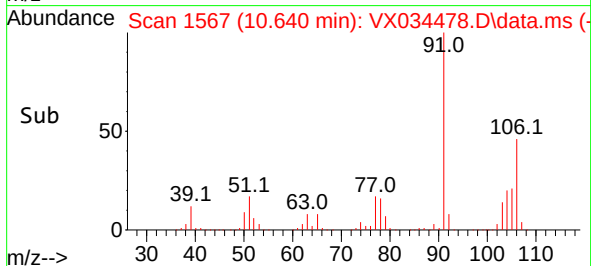
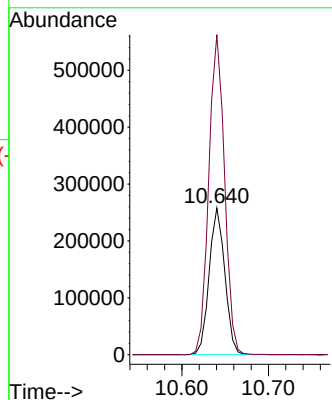
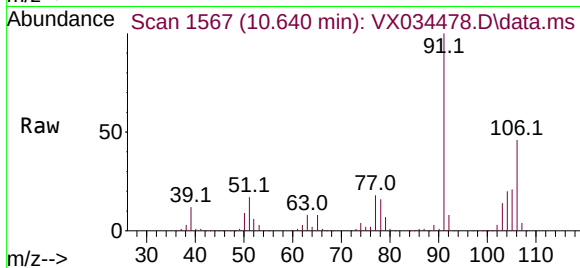
VSTDCCC050

Tgt Ion:106 Resp: 324030

Ion Ratio Lower Upper

106 100

91 219.3 108.5 325.3



#70

Styrene

Concen: 50.569 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

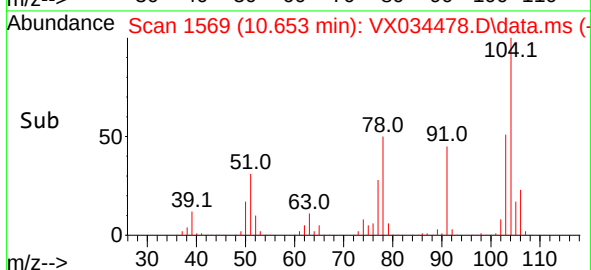
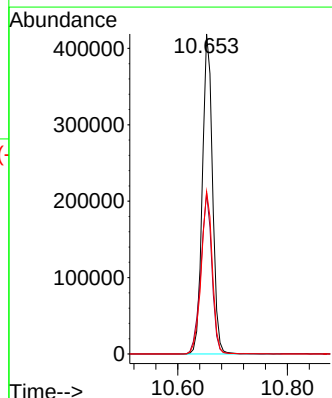
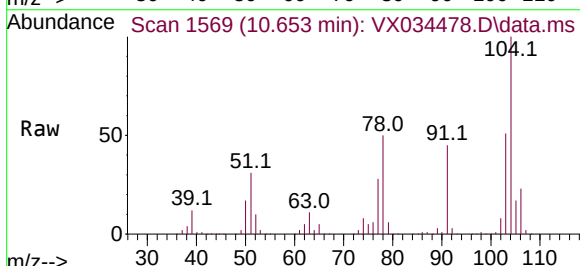
Tgt Ion:104 Resp: 539944

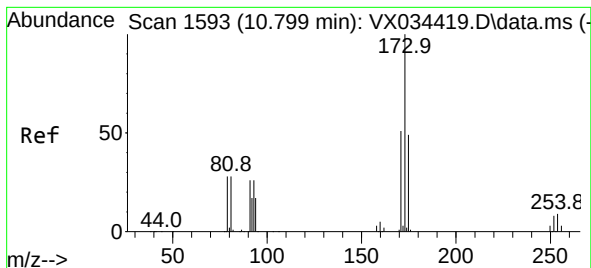
Ion Ratio Lower Upper

104 100

78 54.7 43.4 65.2

103 55.2 44.2 66.2





#71

Bromoform

Concen: 50.074 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

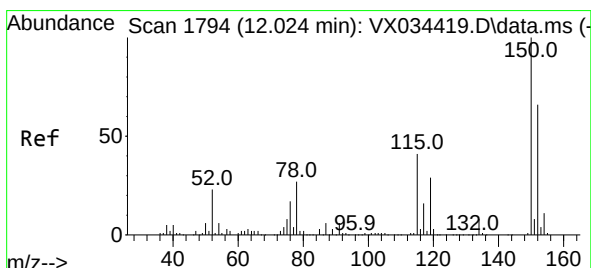
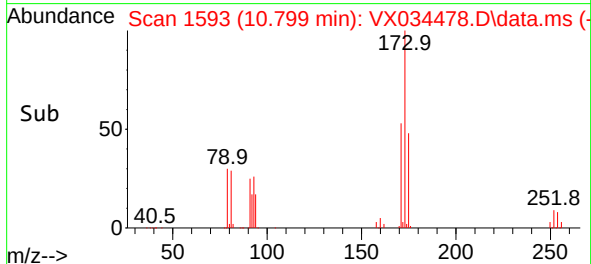
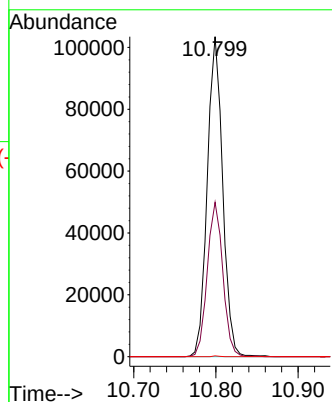
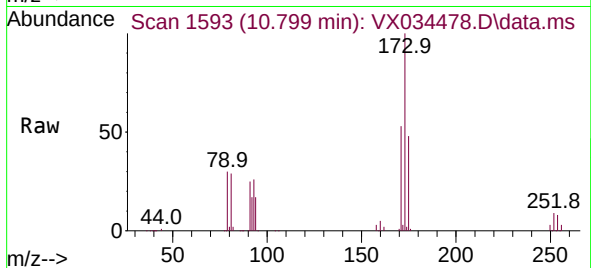
Tgt Ion:173 Resp: 134621

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.1 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: VX034478.D

Acq: 15 Mar 2023 02:25

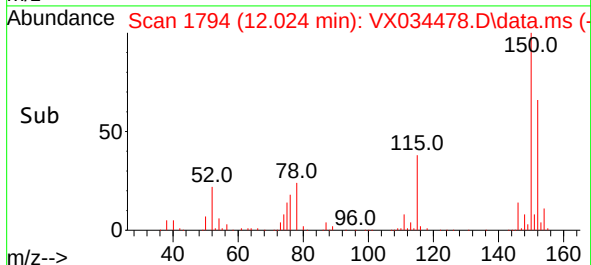
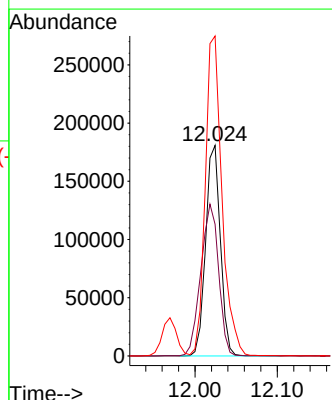
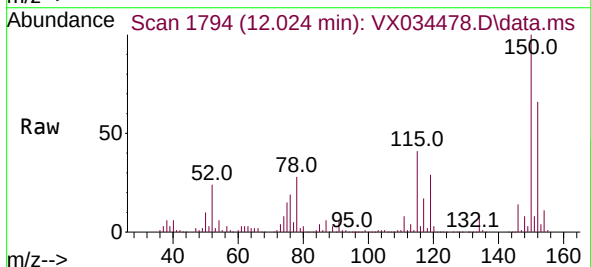
Tgt Ion:152 Resp: 225171

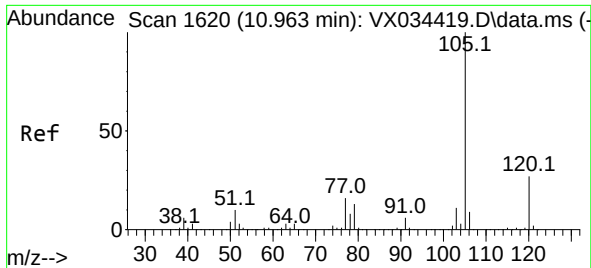
Ion Ratio Lower Upper

152 100

115 87.0 45.0 135.0

150 172.6 0.0 352.4

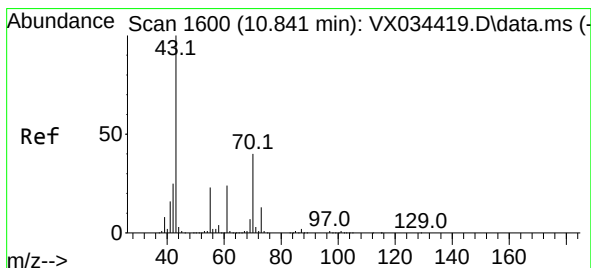
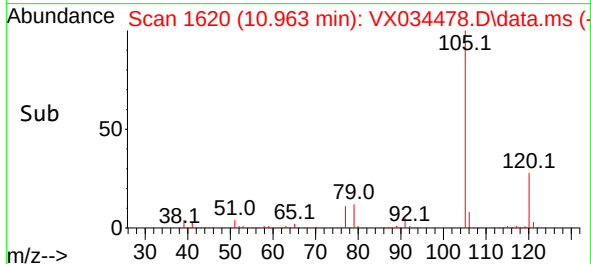
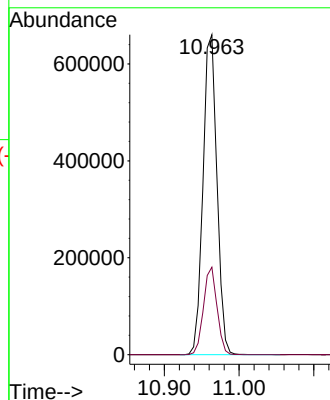
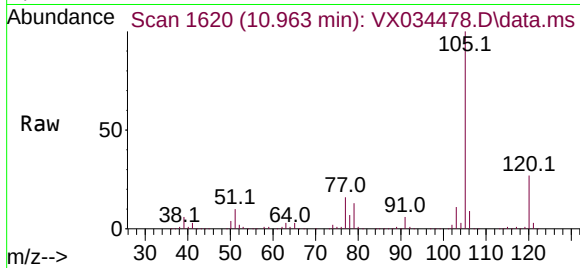




#73
Isopropylbenzene
Concen: 49.111 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

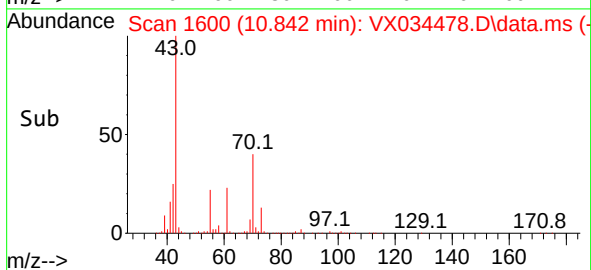
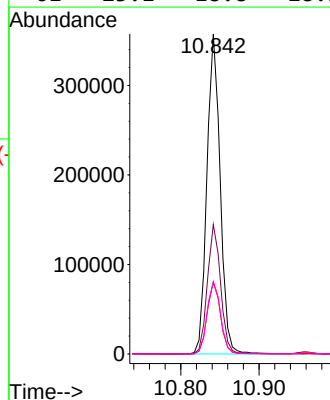
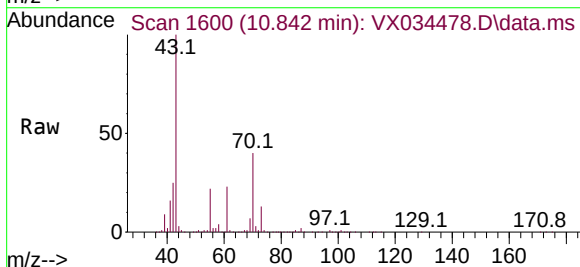
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

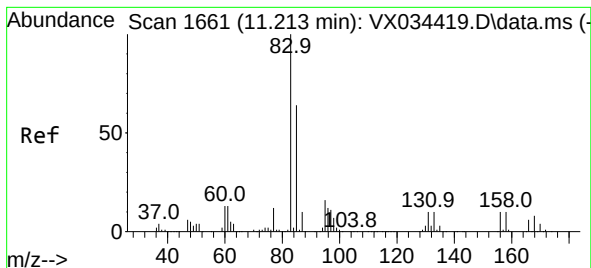
Tgt Ion:105 Resp: 854675
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 50.261 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 43 Resp: 418951
Ion Ratio Lower Upper
43 100
70 40.4 32.1 48.1
55 22.7 18.3 27.5
61 23.1 18.8 28.2

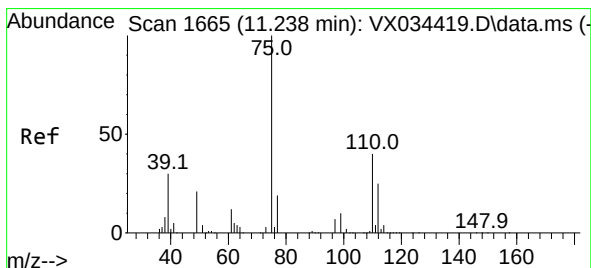
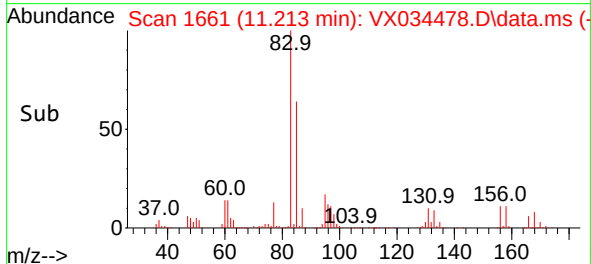
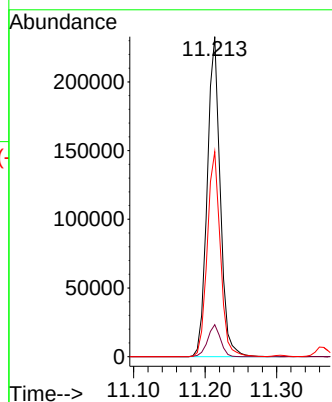
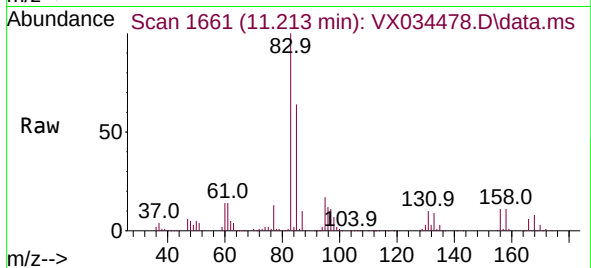




#75
1,1,2,2-Tetrachloroethane
Concen: 50.564 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

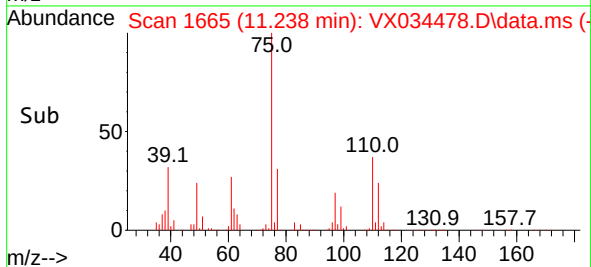
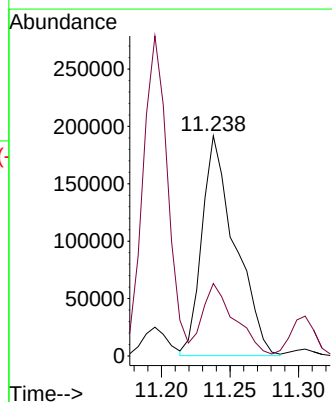
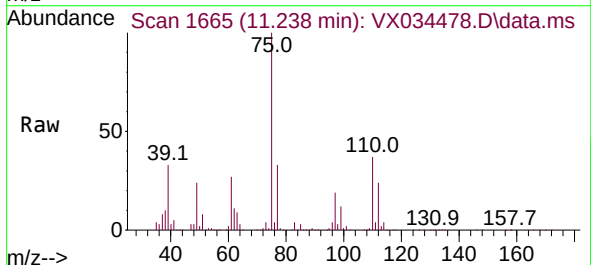
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

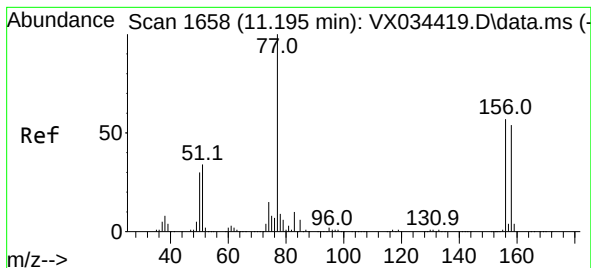
Tgt Ion: 83 Resp: 293643
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 62.496 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 75 Resp: 323114
Ion Ratio Lower Upper
75 100
77 32.2 21.6 64.8





#77

Bromobenzene

Concen: 48.634 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

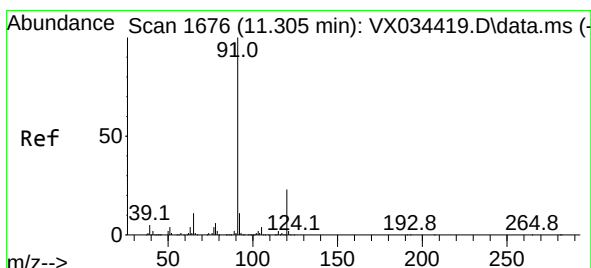
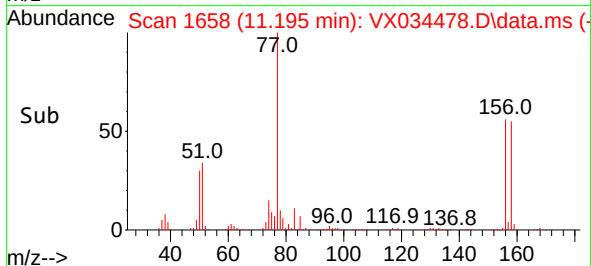
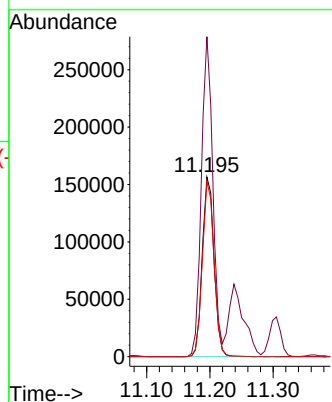
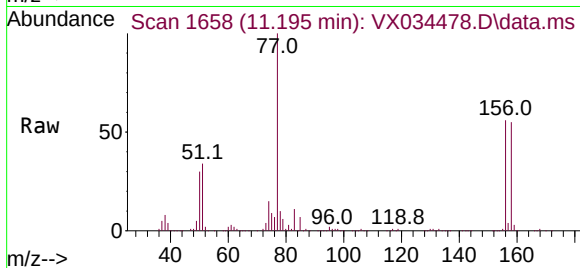
Tgt Ion:156 Resp: 203066

Ion Ratio Lower Upper

156 100

77 173.0 86.7 259.9

158 96.8 48.0 144.0



#78

n-propylbenzene

Concen: 49.907 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034478.D

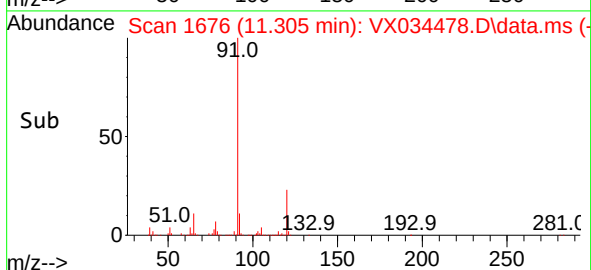
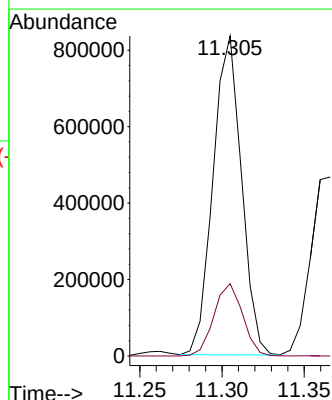
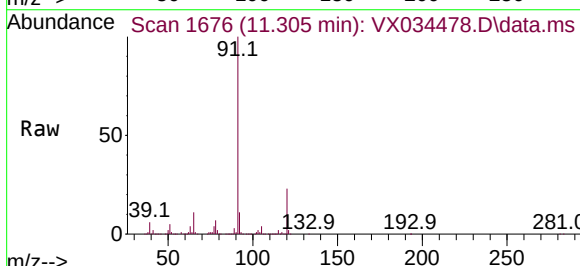
Acq: 15 Mar 2023 02:25

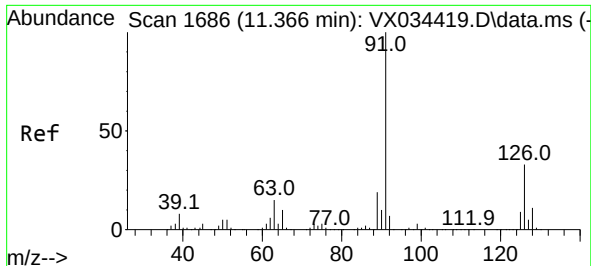
Tgt Ion: 91 Resp: 1003058

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5

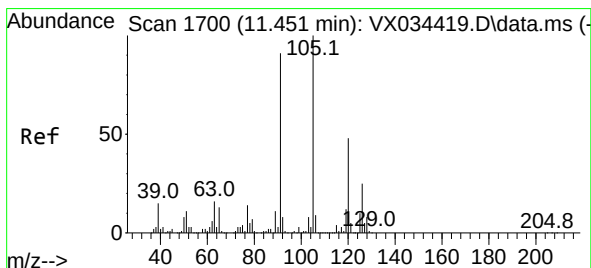
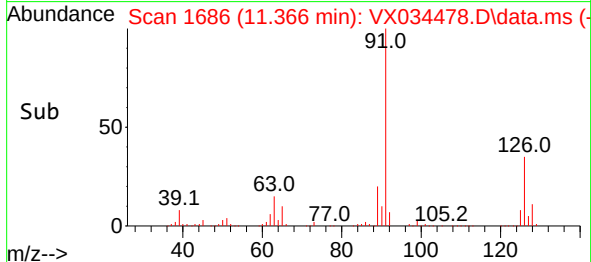
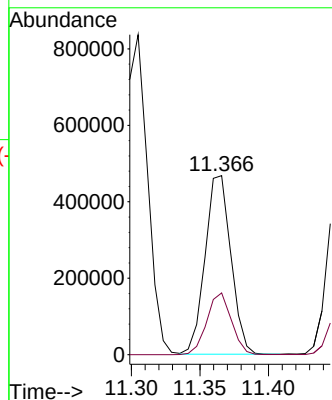
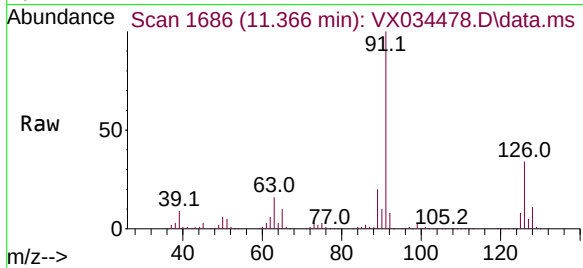




#79
2-Chlorotoluene
Concen: 49.289 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

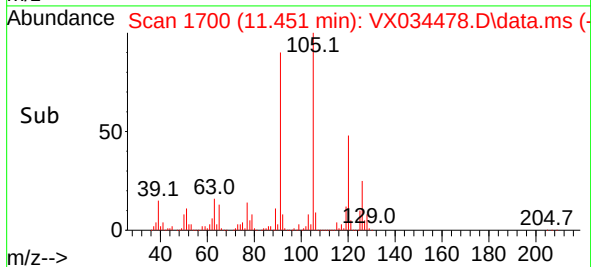
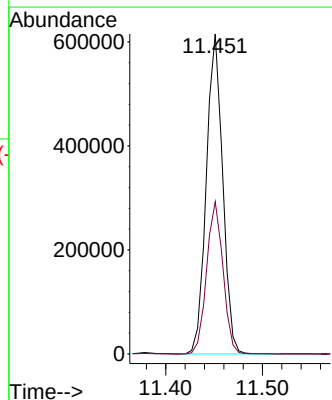
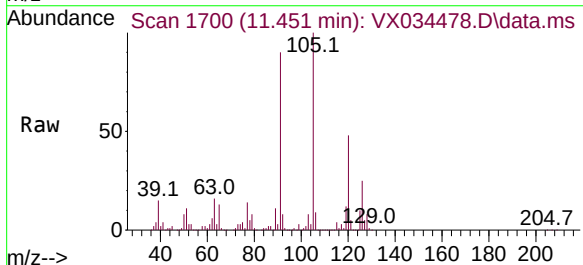
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

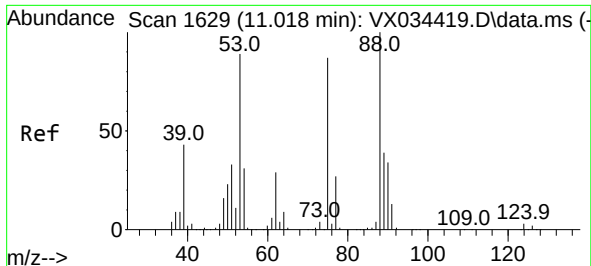
Tgt Ion: 91 Resp: 611817
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 49.694 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion: 105 Resp: 725393
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1

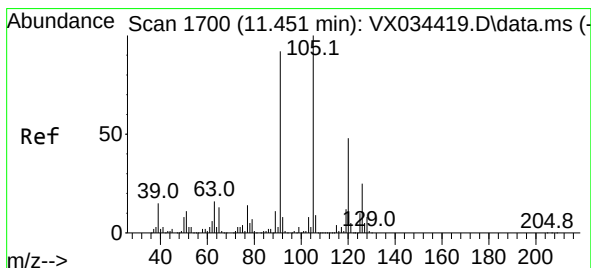
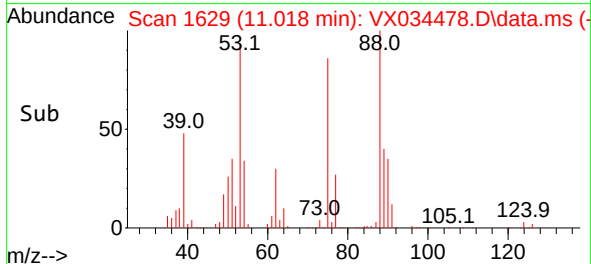
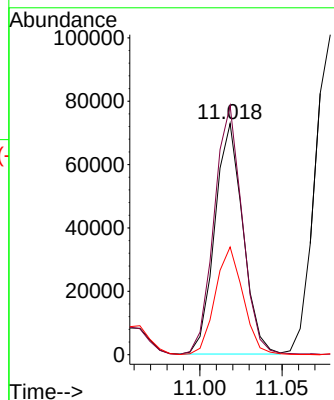
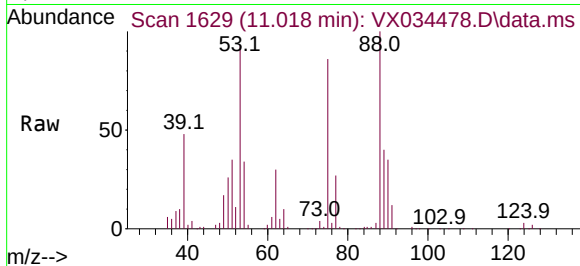




#81
trans-1,4-Dichloro-2-butene
Concen: 45.473 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

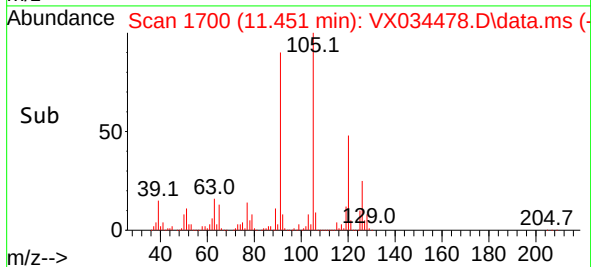
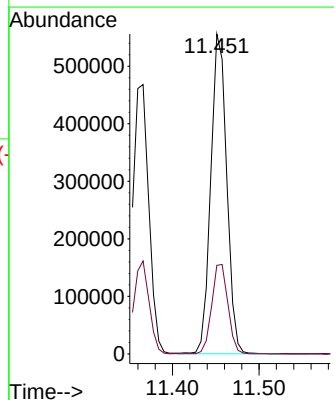
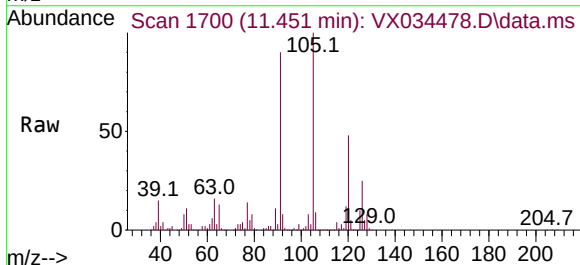
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

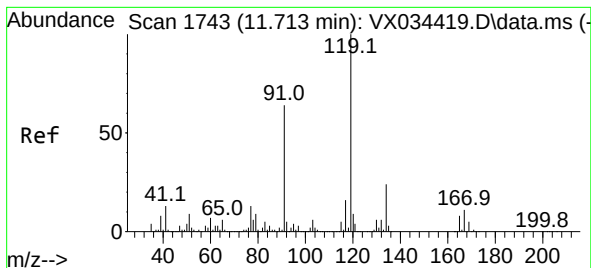
Tgt Ion:	75	Resp:	86905
Ion	Ratio	Lower	Upper
75	100		
53	108.0	82.6	124.0
89	45.9	36.9	55.3



#82
4-Chlorotoluene
Concen: 49.748 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion:	91	Resp:	711278
Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6





#83

tert-Butylbenzene

Concen: 48.970 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

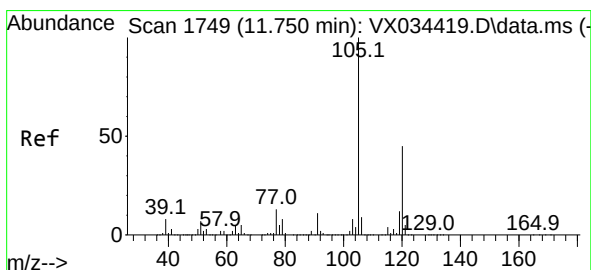
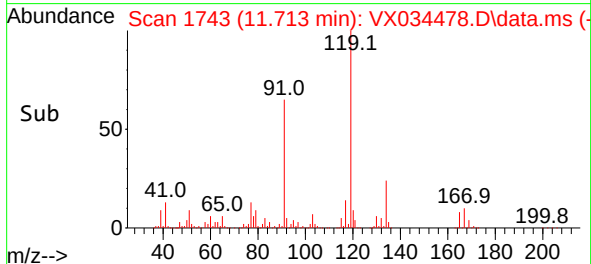
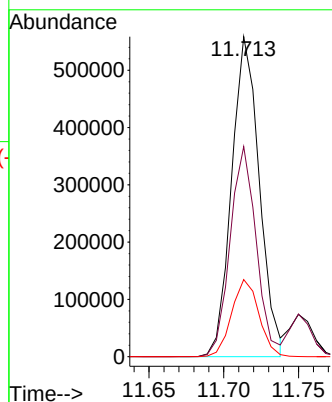
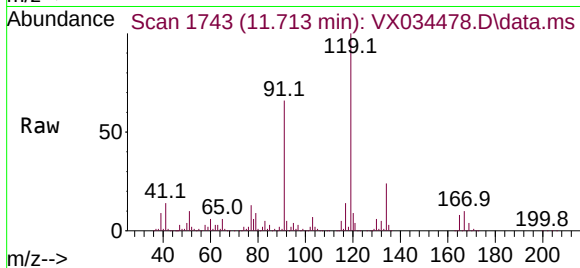
Tgt Ion:119 Resp: 720721

Ion Ratio Lower Upper

119 100

91 62.0 30.6 92.0

134 23.7 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 49.129 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034478.D

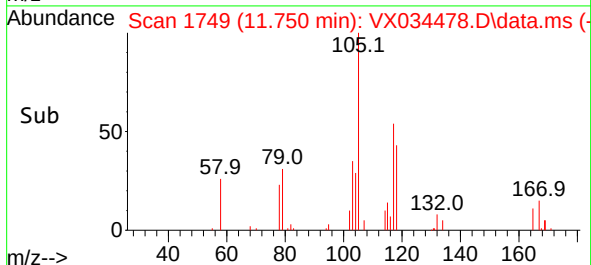
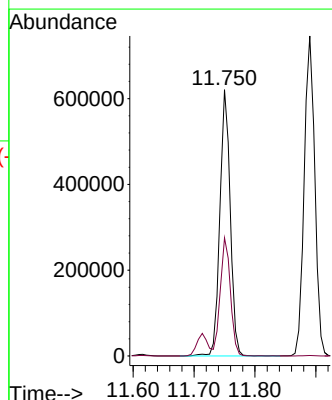
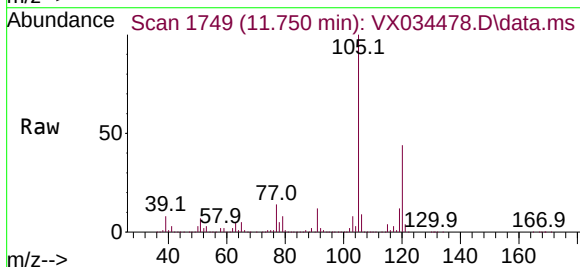
Acq: 15 Mar 2023 02:25

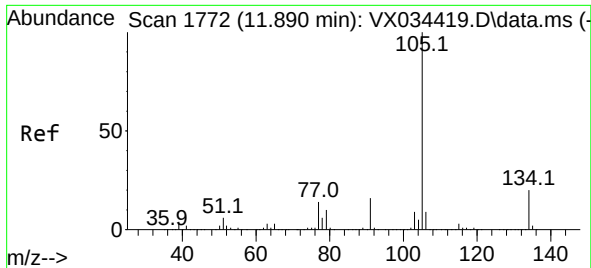
Tgt Ion:105 Resp: 732909

Ion Ratio Lower Upper

105 100

120 43.3 22.4 67.0

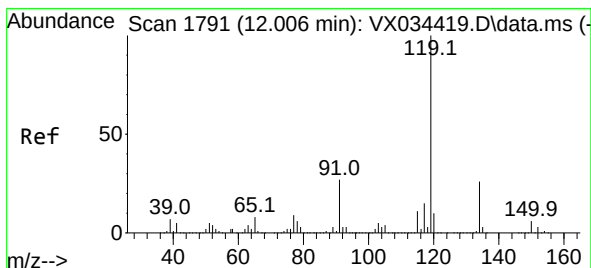
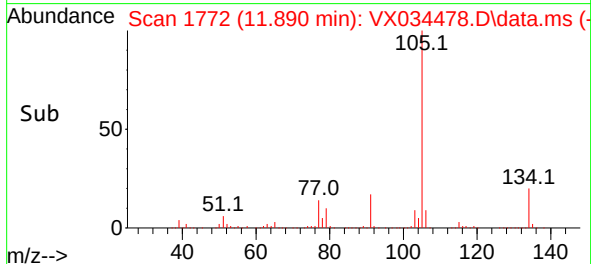
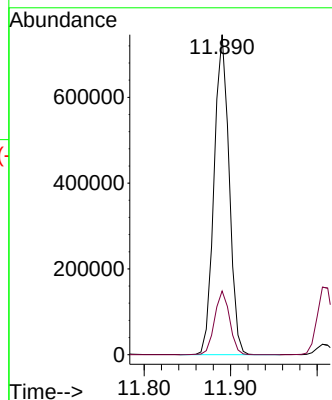
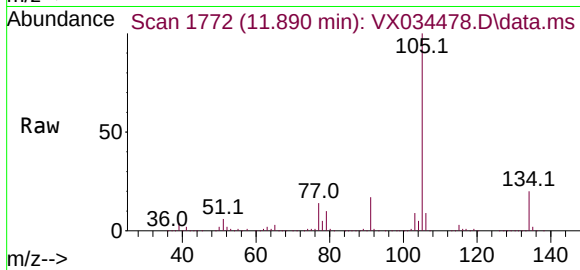




#85
 sec-Butylbenzene
 Concen: 50.037 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

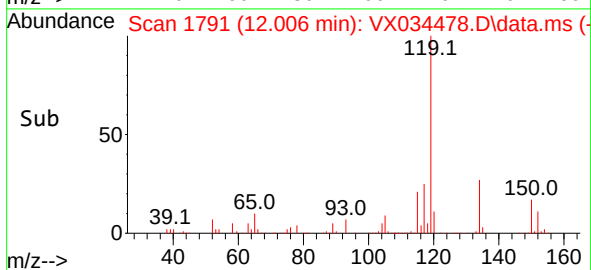
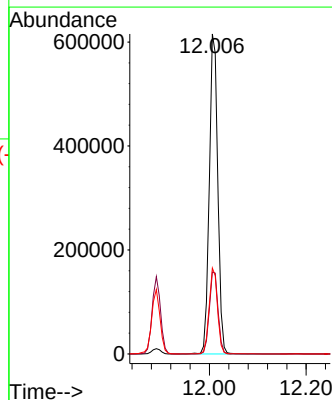
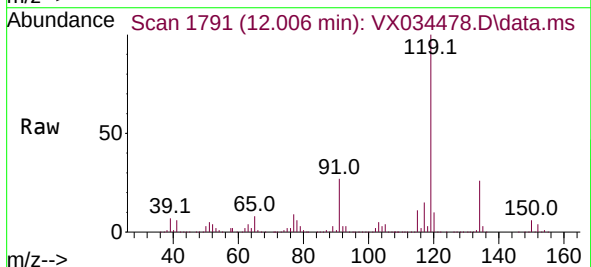
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

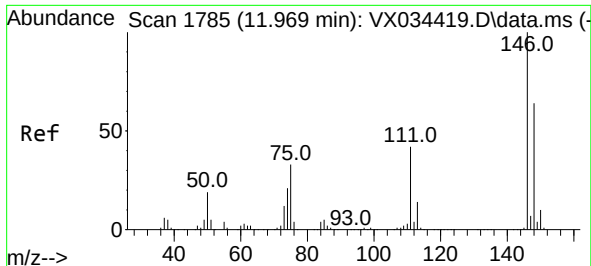
Tgt Ion:105 Resp: 900299
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.500 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034478.D
 Acq: 15 Mar 2023 02:25

Tgt Ion:119 Resp: 748534
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 26.4 12.9 38.7

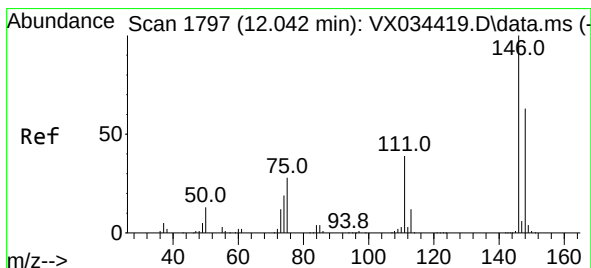
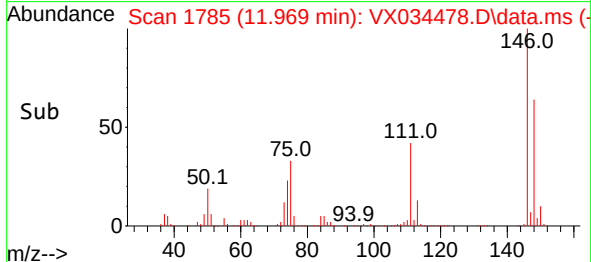
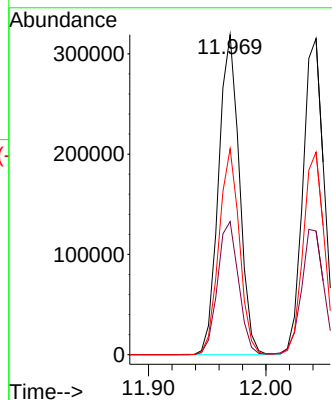
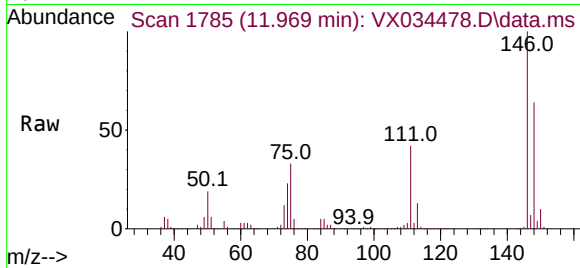




#87
1,3-Dichlorobenzene
Concen: 48.051 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

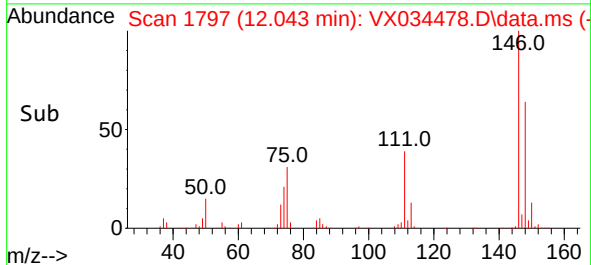
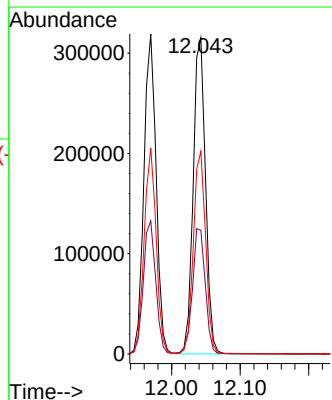
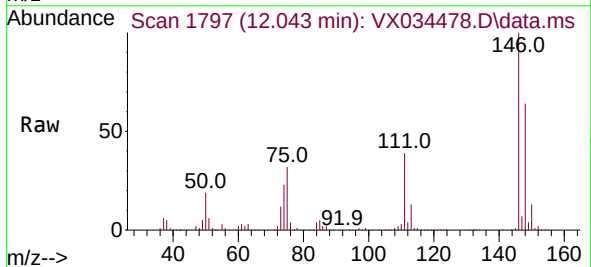
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

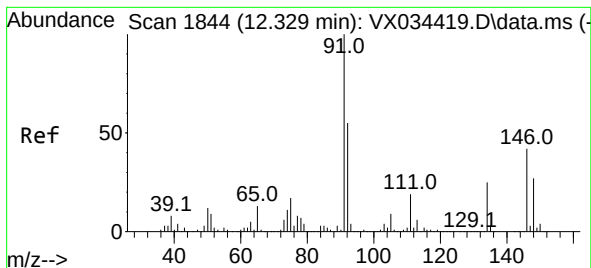
Tgt Ion:146 Resp: 393108
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 47.664 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034478.D
Acq: 15 Mar 2023 02:25

Tgt Ion:146 Resp: 394288
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 49.544 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

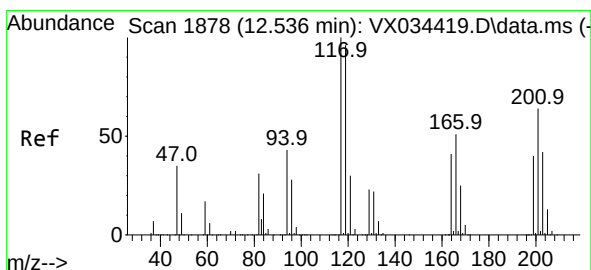
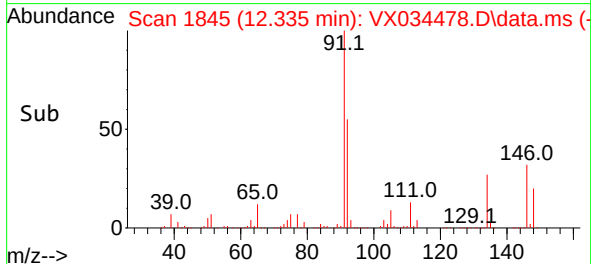
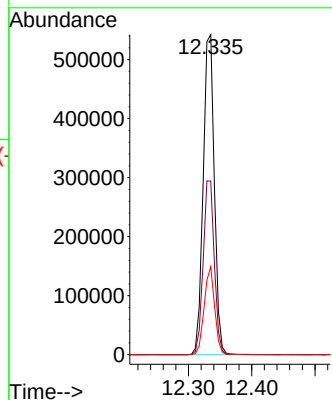
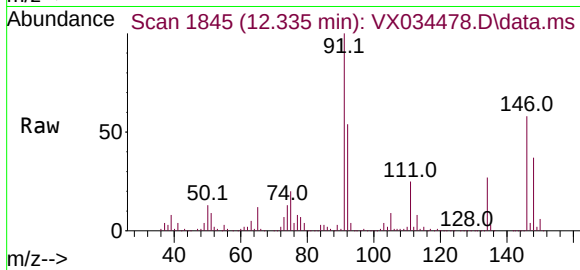
Tgt Ion: 91 Resp: 666030

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.0

134 25.7 13.0 38.9



#90

Hexachloroethane

Concen: 49.457 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034478.D

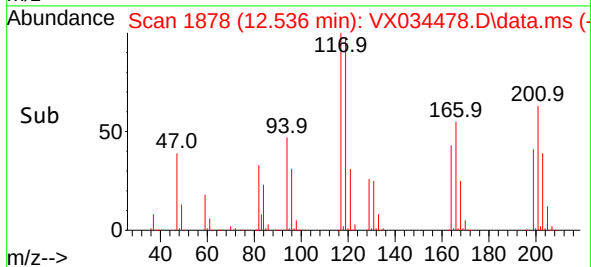
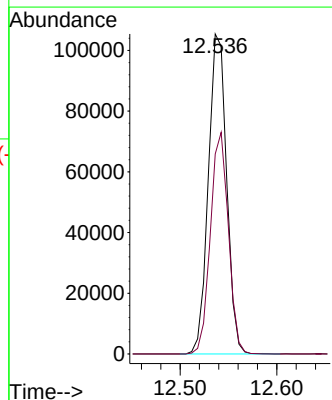
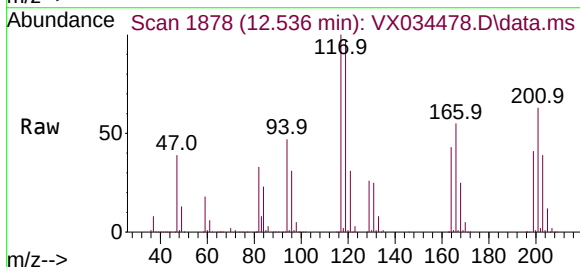
Acq: 15 Mar 2023 02:25

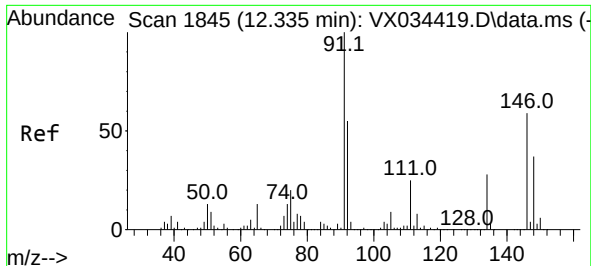
Tgt Ion: 117 Resp: 138387

Ion Ratio Lower Upper

117 100

201 68.0 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 49.543 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

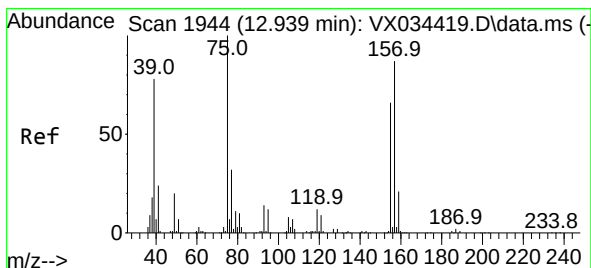
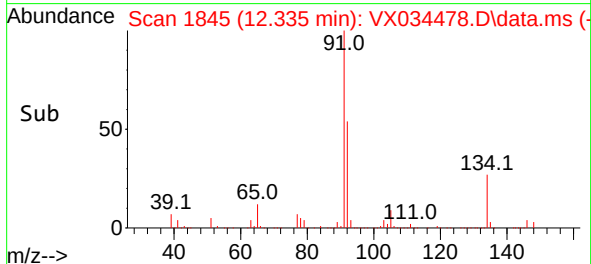
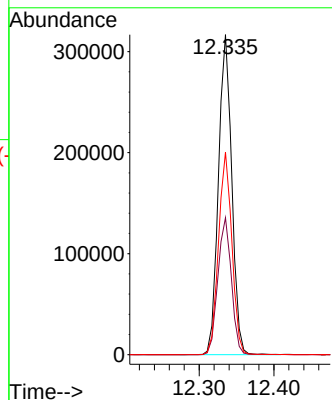
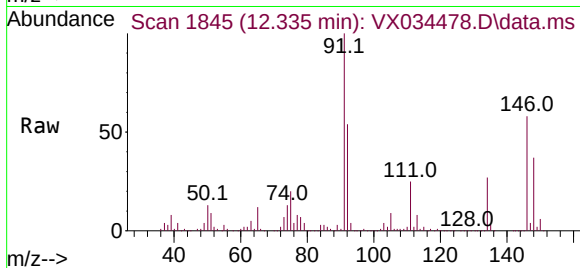
Tgt Ion:146 Resp: 391690

Ion Ratio Lower Upper

146 100

111 43.4 22.0 66.0

148 63.5 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.345 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

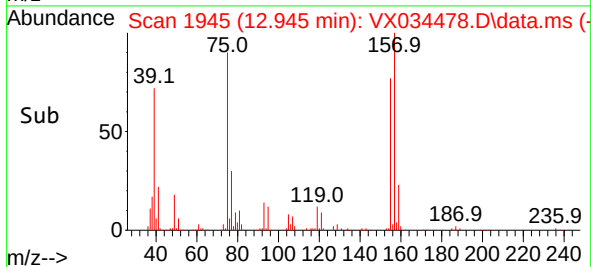
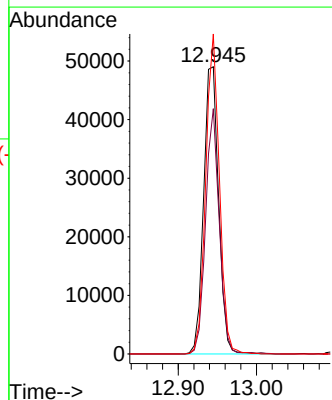
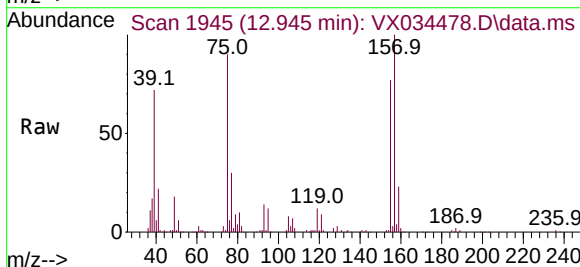
Tgt Ion: 75 Resp: 65107

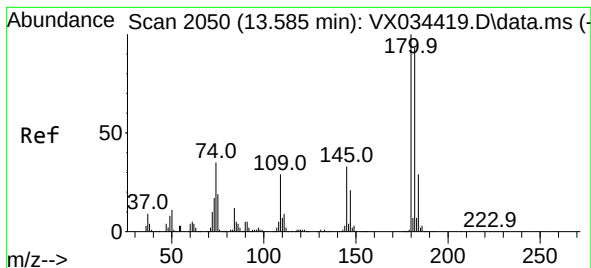
Ion Ratio Lower Upper

75 100

155 78.0 38.4 115.1

157 101.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.952 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

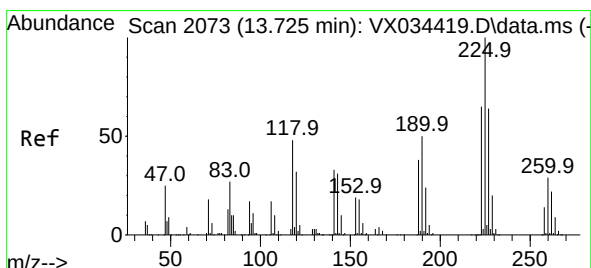
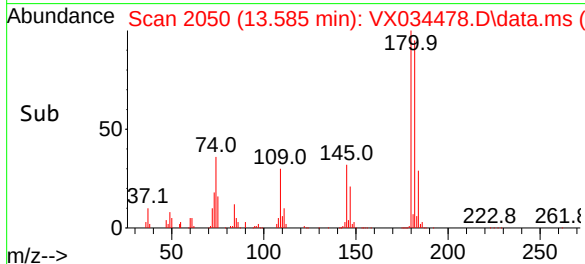
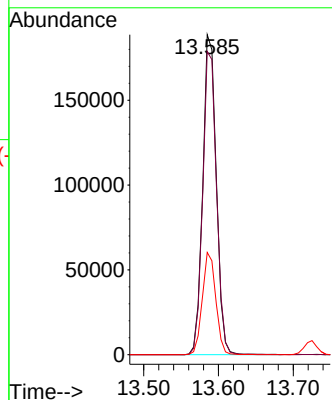
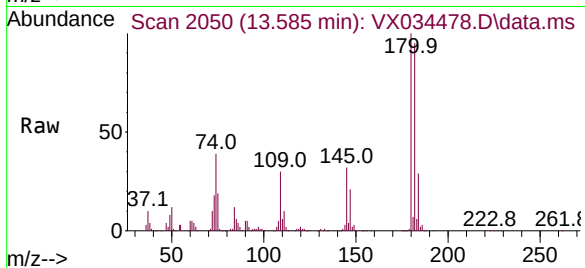
Tgt Ion:180 Resp: 237080

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.0

145 31.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.437 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

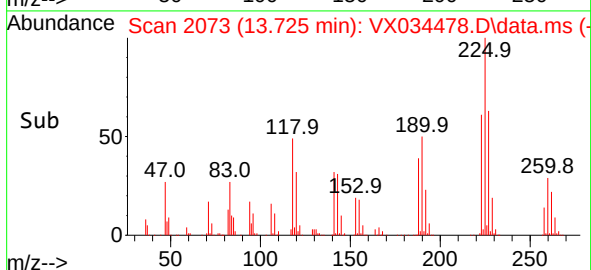
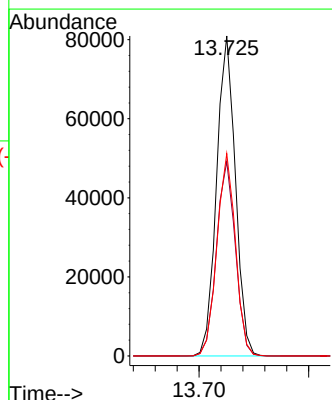
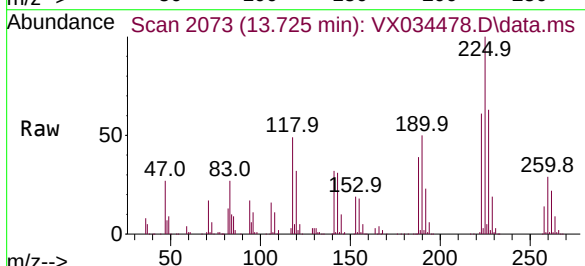
Tgt Ion:225 Resp: 96477

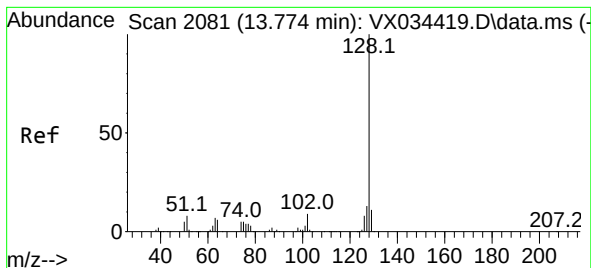
Ion Ratio Lower Upper

225 100

223 60.9 32.1 96.5

227 62.3 31.8 95.4





#95

Naphthalene

Concen: 50.063 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

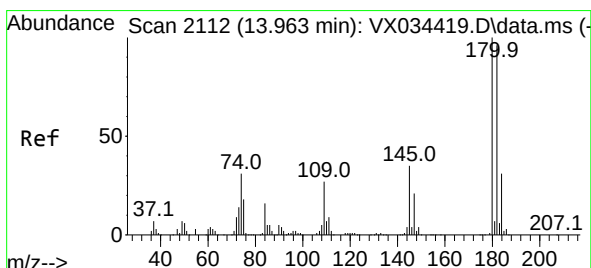
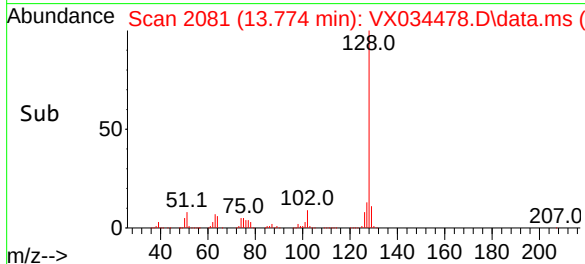
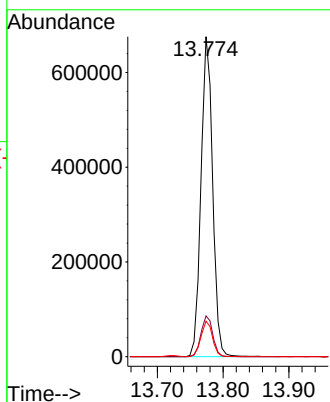
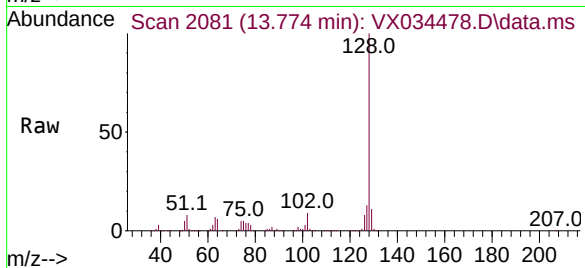
Tgt Ion:128 Resp: 830004

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.146 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034478.D

Acq: 15 Mar 2023 02:25

Tgt Ion:180 Resp: 237518

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 33.9 17.7 53.1

