

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036880.D
 Acq On : 09 Aug 2023 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 01:11:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	159799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	267540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106626	45.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.200%
35) Dibromofluoromethane	5.385	113	90667	49.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	8.646	98	299978	46.000	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.000%
62) 4-Bromofluorobenzene	11.079	95	119869	48.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108115	51.215	ug/l	98
3) Chloromethane	1.300	50	88533	46.110	ug/l	99
4) Vinyl Chloride	1.373	62	100098	51.205	ug/l	99
5) Bromomethane	1.599	94	60184	51.568	ug/l	98
6) Chloroethane	1.678	64	62181	65.426	ug/l	99
7) Trichlorofluoromethane	1.885	101	174348	57.754	ug/l	99
8) Diethyl Ether	2.129	74	61409	52.579	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.324	101	97777	53.911	ug/l	98
10) Methyl Iodide	2.452	142	116049	61.603	ug/l	94
11) Tert butyl alcohol	2.958	59	124722	222.808	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	93778	52.409	ug/l	86
13) Acrolein	2.233	56	94537	295.926	ug/l	98
14) Allyl chloride	2.660	41	155981	44.269	ug/l #	95
15) Acrylonitrile	3.062	53	264730	235.164	ug/l	100
16) Acetone	2.379	43	260370	265.369	ug/l	90
17) Carbon Disulfide	2.507	76	239119	48.419	ug/l	99
18) Methyl Acetate	2.702	43	189087	45.811	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	345353	51.360	ug/l	97
20) Methylene Chloride	2.788	84	104459	47.871	ug/l	89
21) trans-1,2-Dichloroethene	3.086	96	103225	51.617	ug/l	90
22) Diisopropyl ether	3.757	45	307911	46.025	ug/l #	87
23) Vinyl Acetate	3.714	43	1195947	233.046	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	186893	49.826	ug/l	97
25) 2-Butanone	4.550	43	377318	237.027	ug/l	91
26) 2,2-Dichloropropane	4.470	77	180520	51.076	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	121790	51.274	ug/l	92
28) Bromochloromethane	4.891	49	77248	42.583	ug/l	83
29) Tetrahydrofuran	4.995	42	231378	225.446	ug/l #	87
30) Chloroform	5.086	83	201416	52.486	ug/l	96
31) Cyclohexane	5.464	56	154805	47.286	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	185902	52.870	ug/l	98
36) 1,1-Dichloropropene	5.690	75	146995	53.630	ug/l	98
37) Ethyl Acetate	4.708	43	146688	47.284	ug/l	95
38) Carbon Tetrachloride	5.677	117	162625	55.809	ug/l	99
39) Methylcyclohexane	7.378	83	165336	48.511	ug/l	90
40) Benzene	6.031	78	419400	52.593	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	78736	47.453	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	159298	54.636	ug/l	96
43) Isopropyl Acetate	6.336	43	246975	46.249	ug/l #	94
44) Trichloroethene	7.122	130	117279	56.264	ug/l	98
45) 1,2-Dichloropropane	7.427	63	106701	50.115	ug/l	98
46) Dibromomethane	7.573	93	81188	54.485	ug/l	96
47) Bromodichloromethane	7.817	83	162886	53.254	ug/l	95
48) Methyl methacrylate	7.689	41	116464	46.895	ug/l #	87
49) 1,4-Dioxane	7.653	88	49665	989.926	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	700799	237.140	ug/l	94
52) Toluene	8.714	92	270097	54.055	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	178777	51.714	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	190800	52.304	ug/l #	89
55) 1,1,2-Trichloroethane	9.146	97	110760	52.733	ug/l	98
56) Ethyl methacrylate	9.116	69	175598	51.341	ug/l	92
57) 1,3-Dichloropropane	9.305	76	186779	53.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	384374	228.081	ug/l	94
59) 2-Hexanone	9.427	43	528299	240.874	ug/l	92
60) Dibromochloromethane	9.518	129	125540	54.379	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121294	55.719	ug/l	100
64) Tetrachloroethene	9.268	164	102226	57.613	ug/l	98
65) Chlorobenzene	10.079	112	290359	55.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	112371	55.444	ug/l	100
67) Ethyl Benzene	10.195	91	520291	54.315	ug/l	99
68) m/p-Xylenes	10.299	106	399460	111.765	ug/l	97
69) o-Xylene	10.640	106	194082	54.402	ug/l	99
70) Styrene	10.652	104	323684	54.992	ug/l	98
71) Bromoform	10.799	173	88818	54.137	ug/l #	100
73) Isopropylbenzene	10.963	105	505833	50.812	ug/l	99
74) N-amyl acetate	10.841	43	202738	43.672	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	161374	47.995	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	191766	67.778	ug/l	90
77) Bromobenzene	11.195	156	120320	53.072	ug/l	93
78) n-propylbenzene	11.305	91	581689	50.524	ug/l	99
79) 2-Chlorotoluene	11.365	91	352880	50.582	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	423957	50.907	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57654	46.186	ug/l	86
82) 4-Chlorotoluene	11.451	91	409276	51.488	ug/l	99
83) tert-Butylbenzene	11.713	119	400776	48.986	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	428253	51.419	ug/l	97
85) sec-Butylbenzene	11.890	105	487926	47.821	ug/l	98
86) p-Isopropyltoluene	12.006	119	419021	49.910	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	224823	53.543	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	224912	53.974	ug/l	100
89) n-Butylbenzene	12.329	91	363575	48.376	ug/l	99
90) Hexachloroethane	12.536	117	76351	44.859	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	218042	53.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	38362	49.099	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	132031	52.889	ug/l	97
94) Hexachlorobutadiene	13.725	225	51295	49.667	ug/l	98
95) Naphthalene	13.774	128	469128	53.927	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129405	52.594	ug/l	99

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ClientSampleId :
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QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

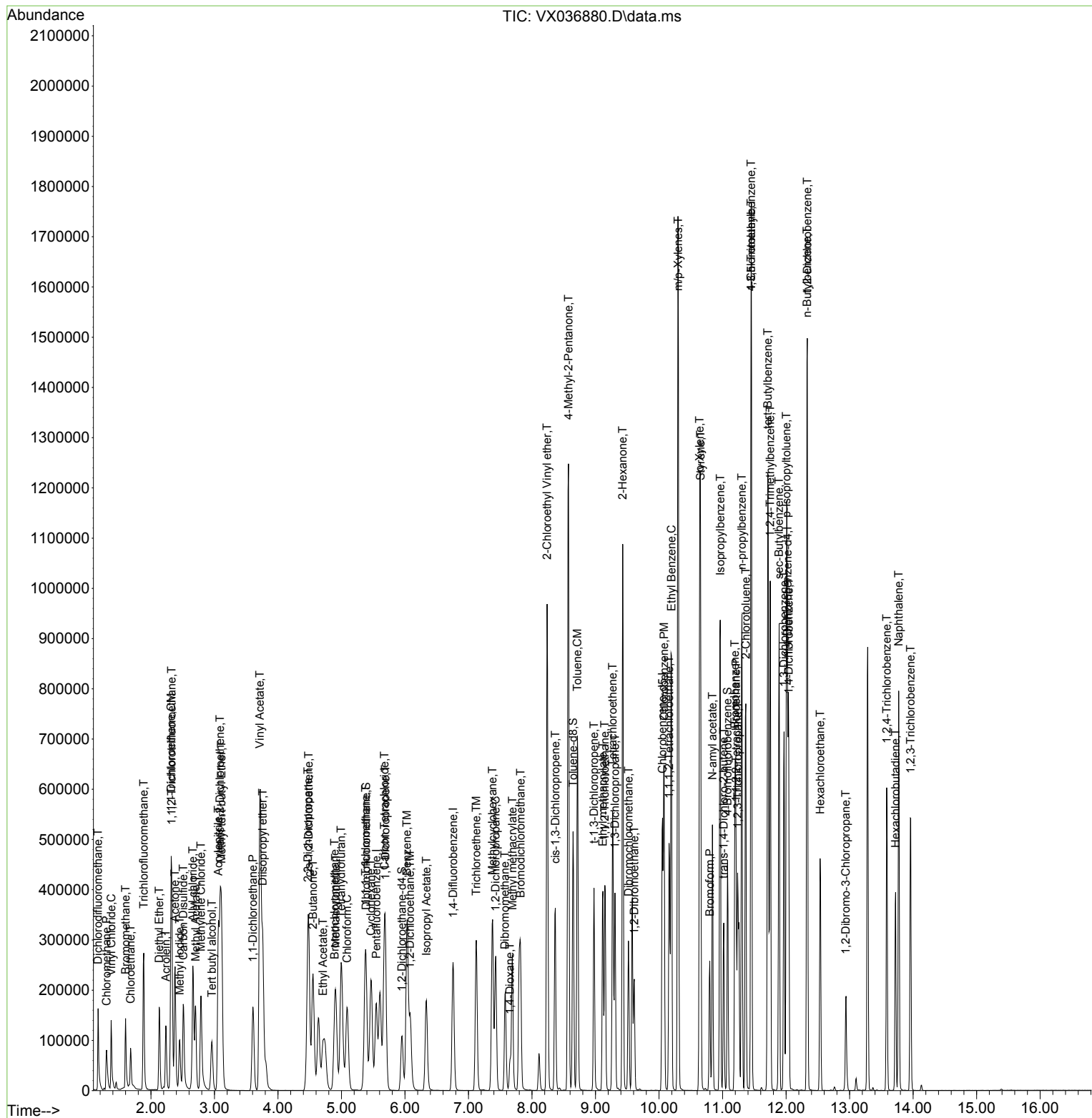
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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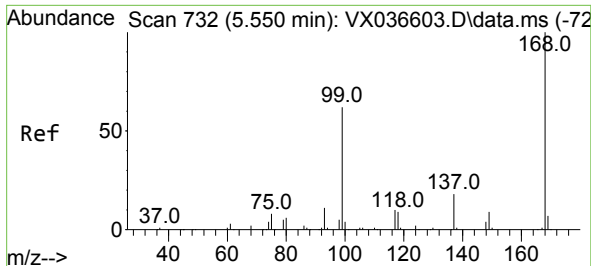
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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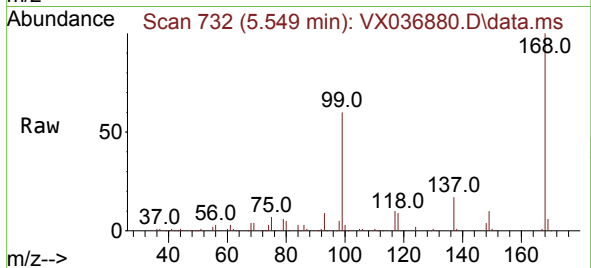
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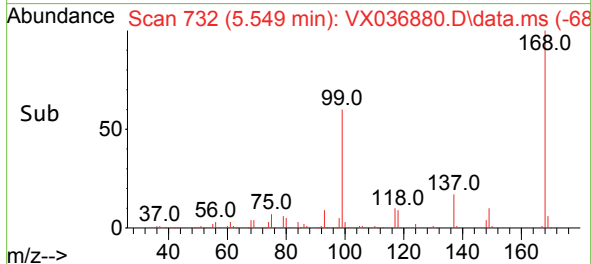
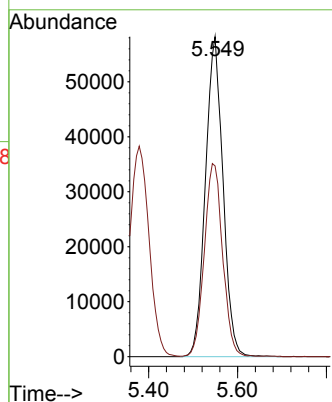


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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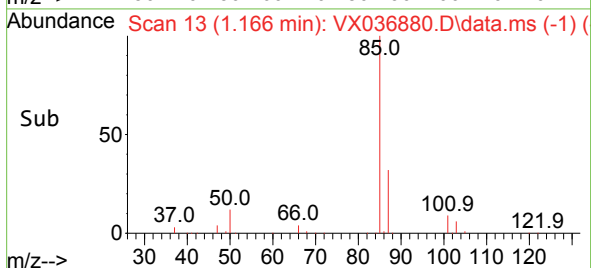
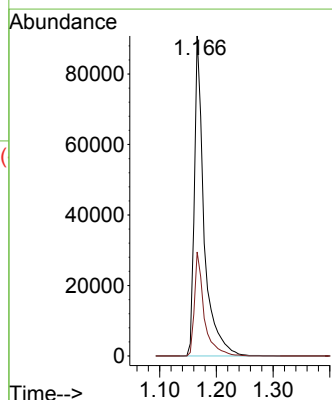
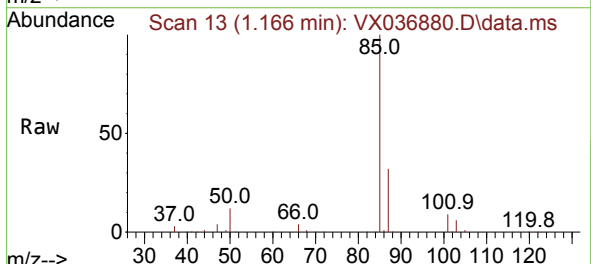


Tgt Ion:168 Resp: 159799
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.215 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 85 Resp: 108115
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

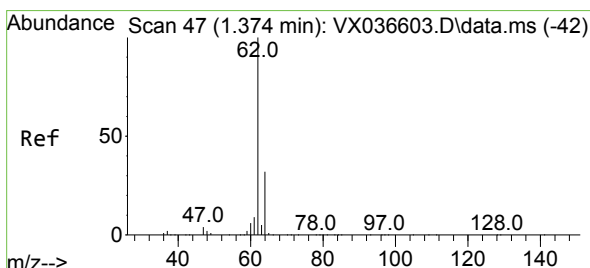
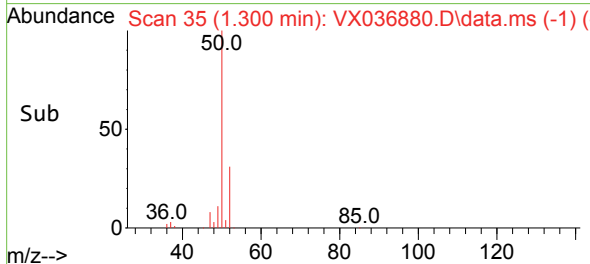
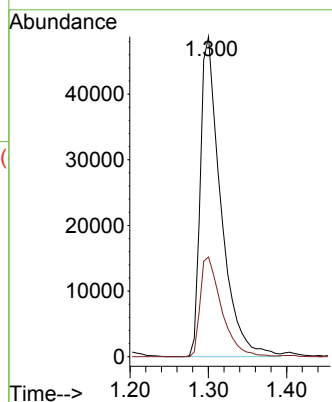
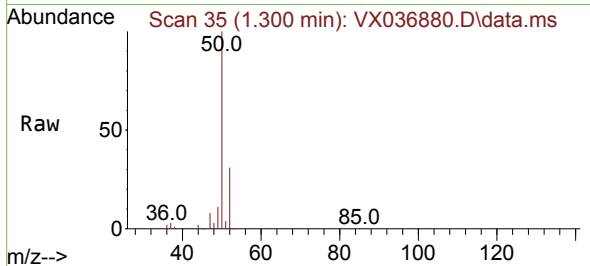




#3
Chloromethane
Concen: 46.110 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

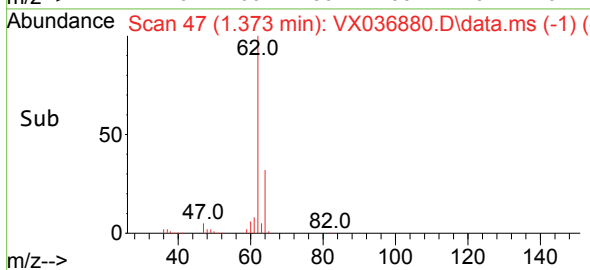
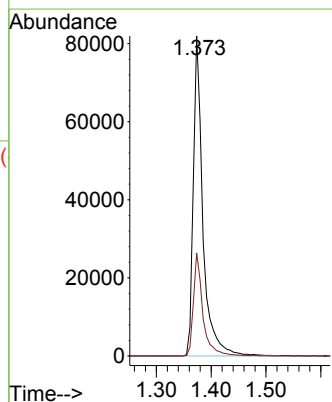
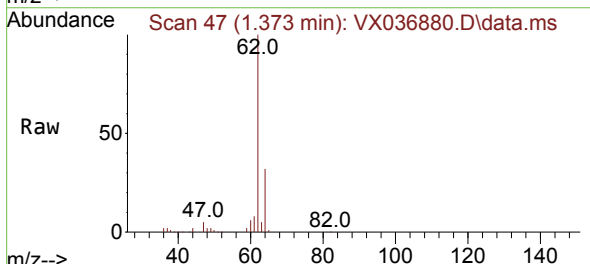
Instrument :
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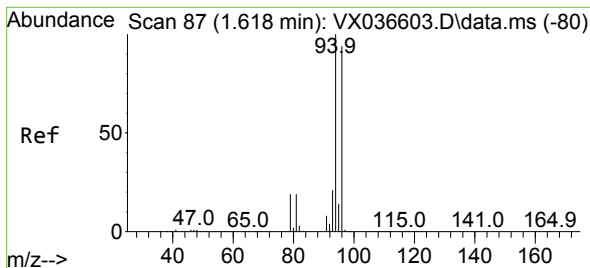
Tgt Ion: 50 Resp: 88533
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3



#4
Vinyl Chloride
Concen: 51.205 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 62 Resp: 100098
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5

Bromomethane

Concen: 51.568 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.019 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

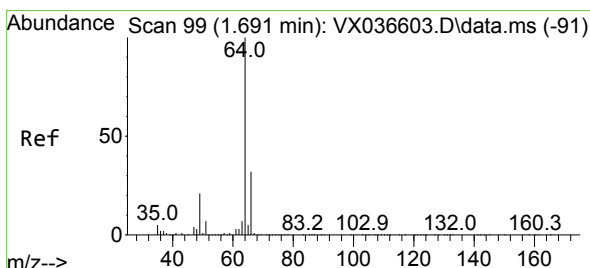
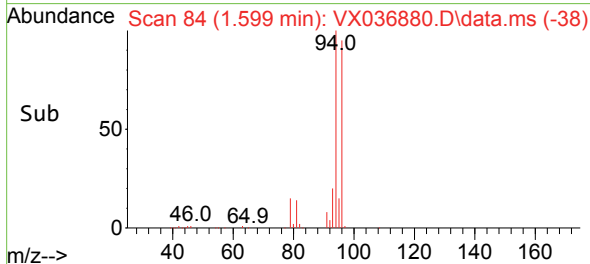
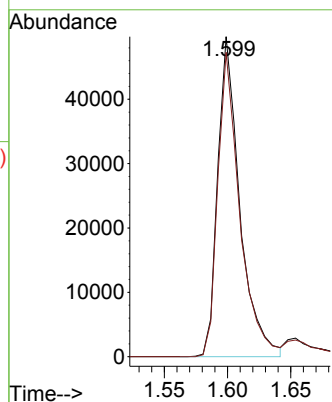
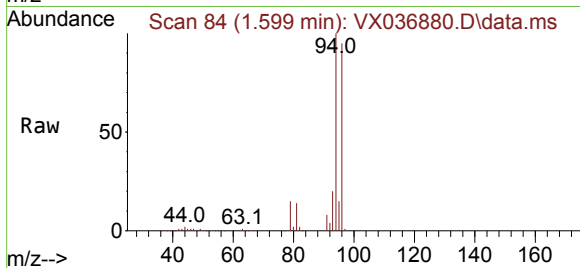
VSTDCCC050

Tgt Ion: 94 Resp: 60184

Ion Ratio Lower Upper

94 100

96 95.1 74.6 111.8



#6

Chloroethane

Concen: 65.426 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.012 min

Lab File: VX036880.D

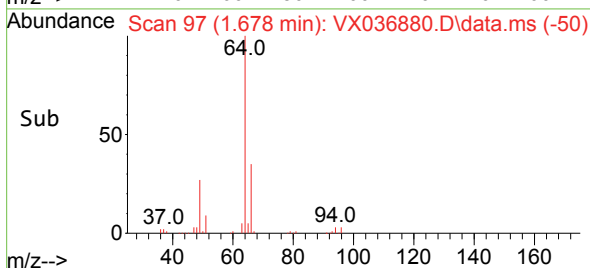
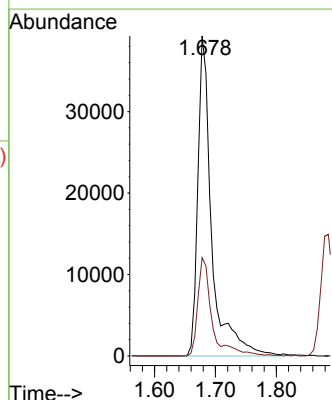
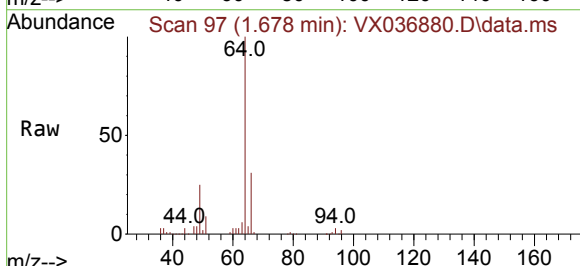
Acq: 09 Aug 2023 10:02

Tgt Ion: 64 Resp: 62181

Ion Ratio Lower Upper

64 100

66 30.7 25.1 37.7

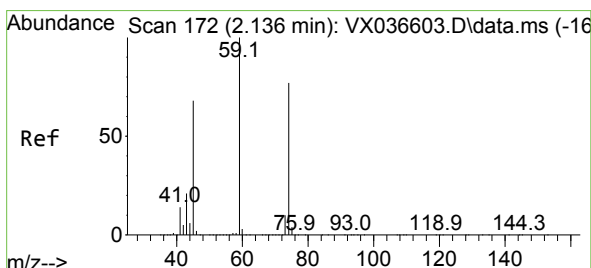
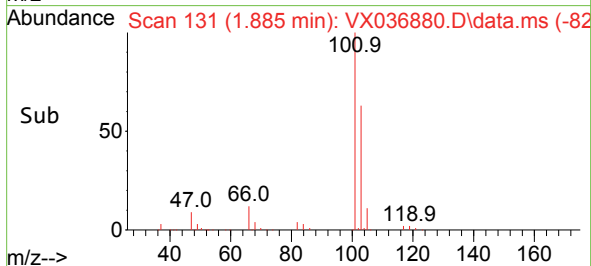
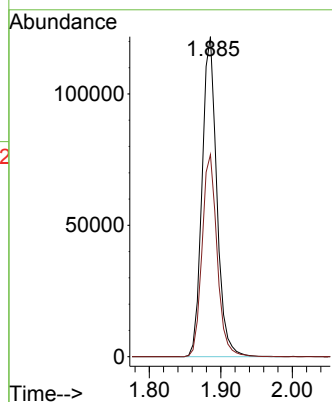
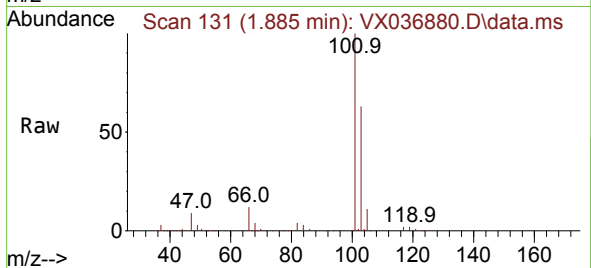




#7
 Trichlorofluoromethane
 Concen: 57.754 ug/l
 RT: 1.885 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

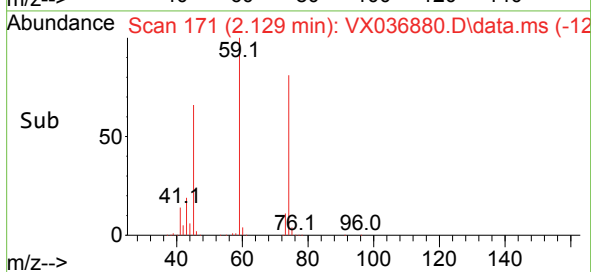
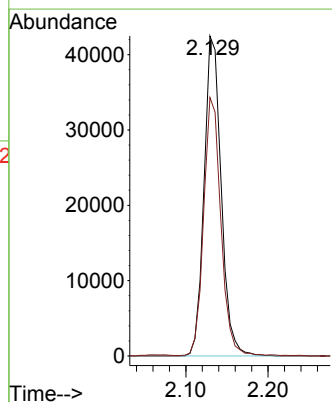
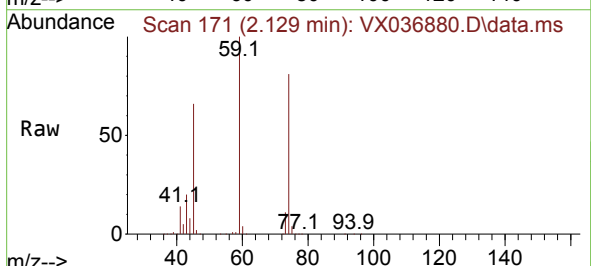
Instrument :
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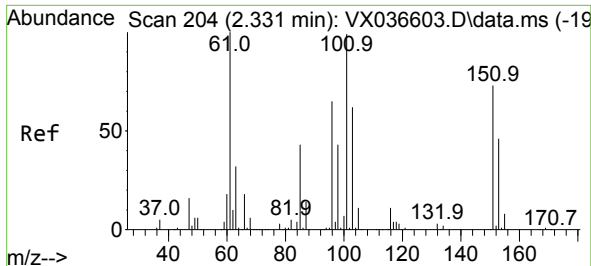
Tgt Ion:101 Resp: 174348
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 52.579 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

Tgt Ion: 74 Resp: 61409
 Ion Ratio Lower Upper
 74 100
 45 81.8 53.3 159.8

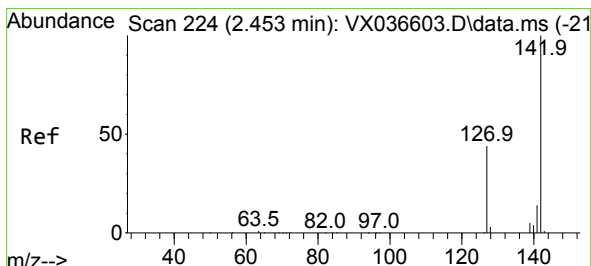
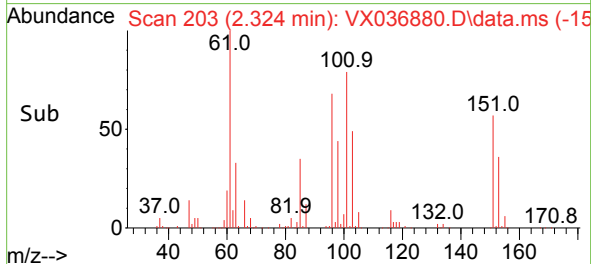
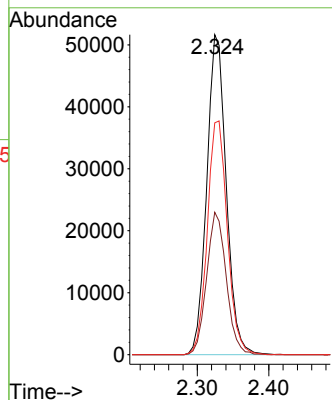
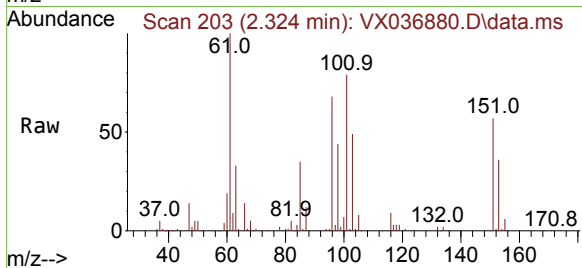




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.911 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036880.D
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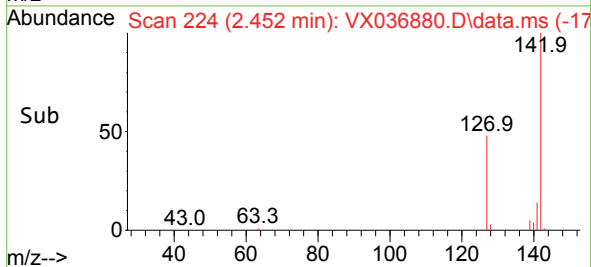
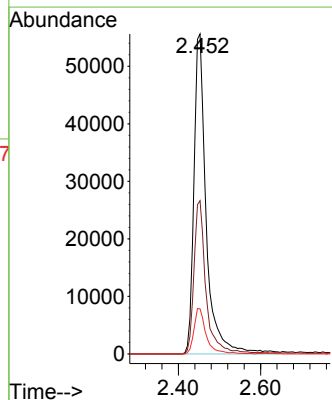
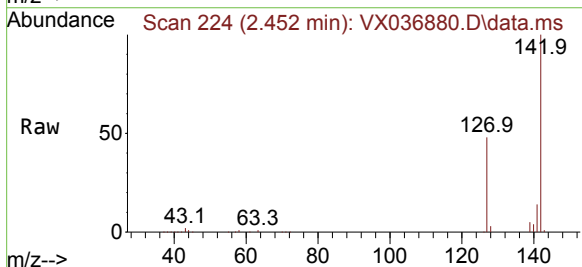
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

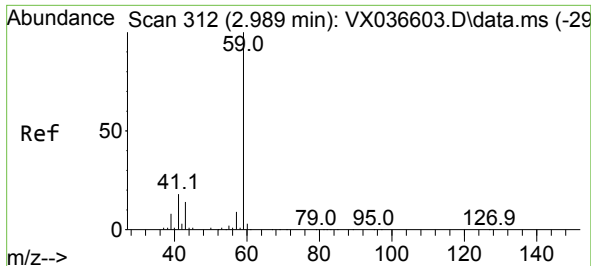
Tgt Ion:101 Resp: 97777
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 74.9 58.6 87.8



#10
Methyl Iodide
Concen: 61.603 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:142 Resp: 116049
Ion Ratio Lower Upper
142 100
127 46.8 41.6 62.4
141 14.1 11.6 17.4

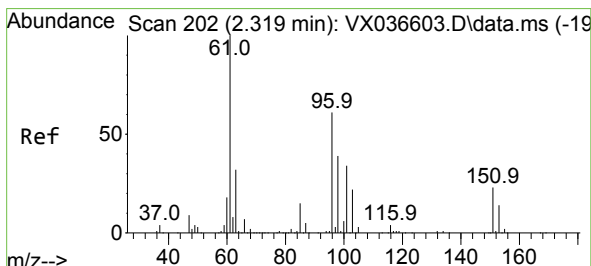
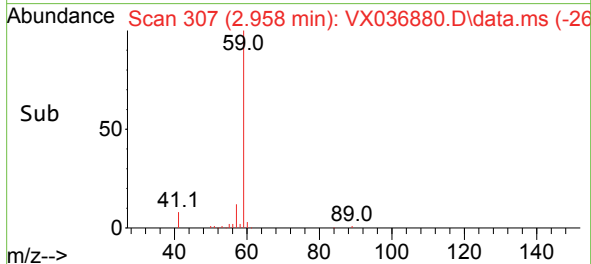
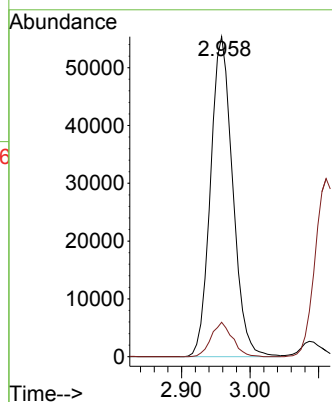
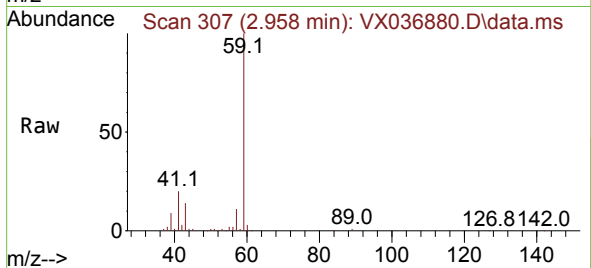




#11
Tert butyl alcohol
Concen: 222.808 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

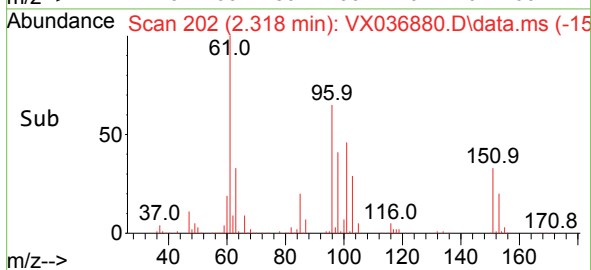
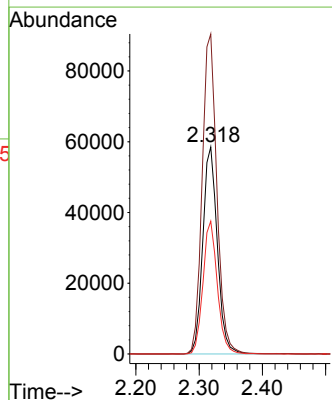
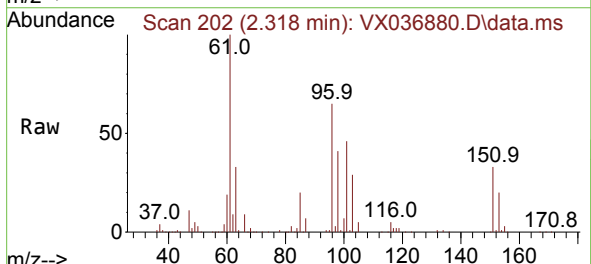
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 124722
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 52.409 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 96 Resp: 93778
Ion Ratio Lower Upper
96 100
61 154.6 144.6 216.8
98 64.1 50.4 75.6

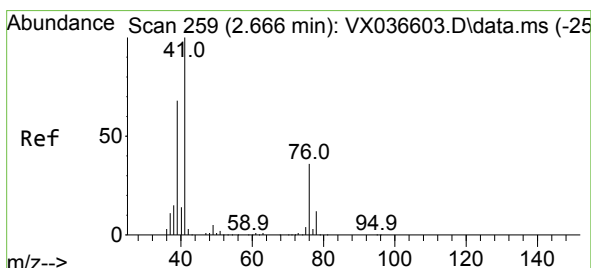
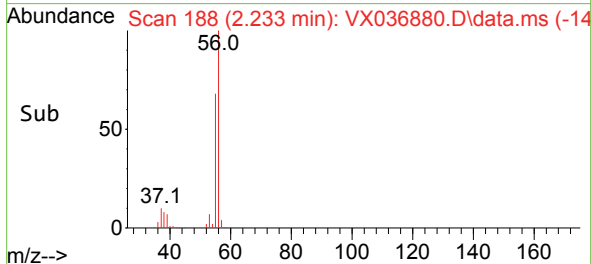
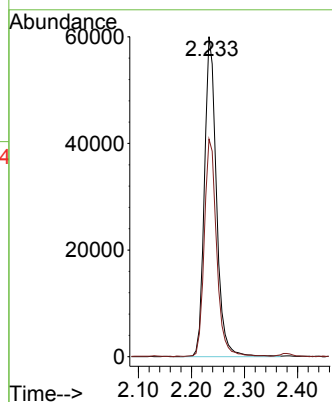
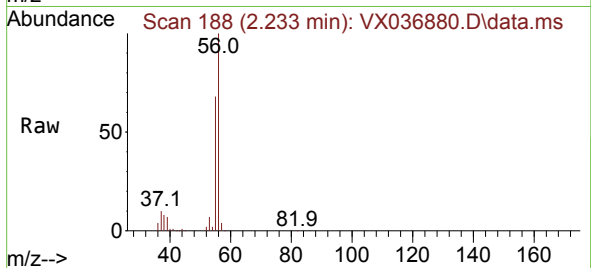




#13
Acrolein
Concen: 295.926 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

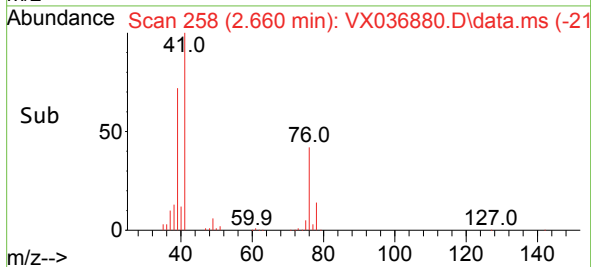
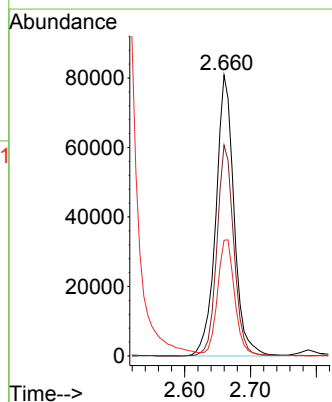
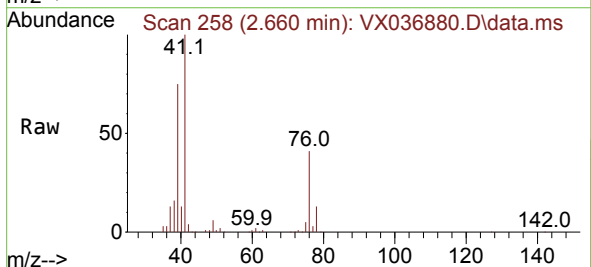
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

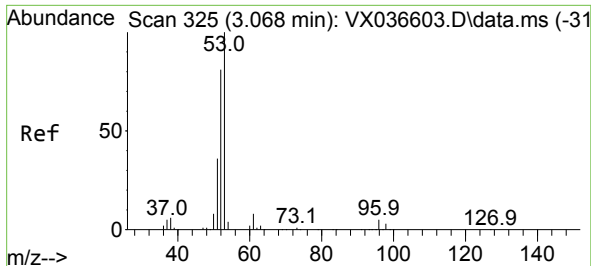
Tgt Ion: 56 Resp: 94537
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7



#14
Allyl chloride
Concen: 44.269 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 41 Resp: 155981
Ion Ratio Lower Upper
41 100
39 69.6 55.8 83.6
76 39.1 24.3 36.5

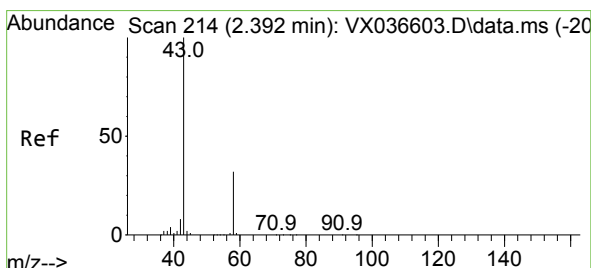
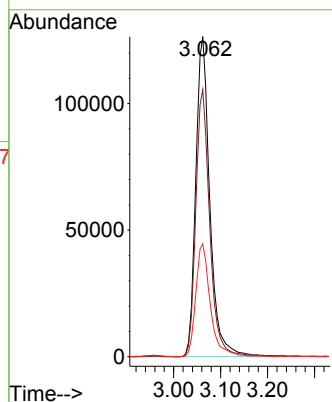
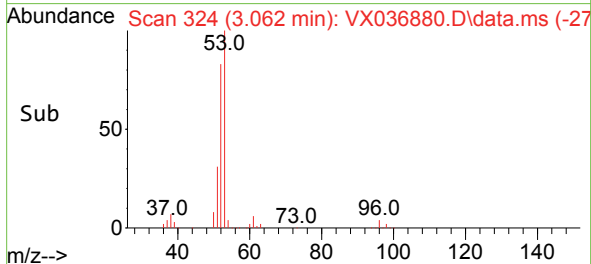
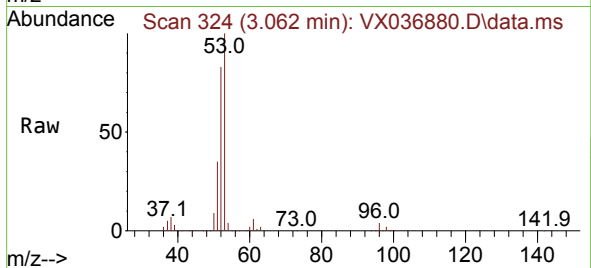




#15
Acrylonitrile
Concen: 235.164 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

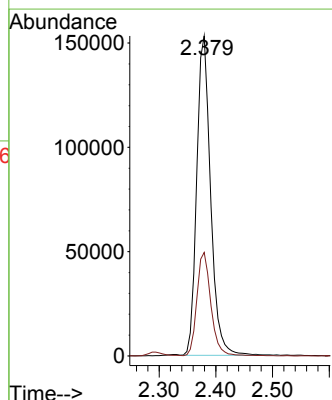
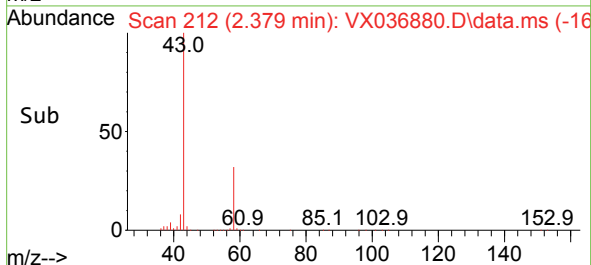
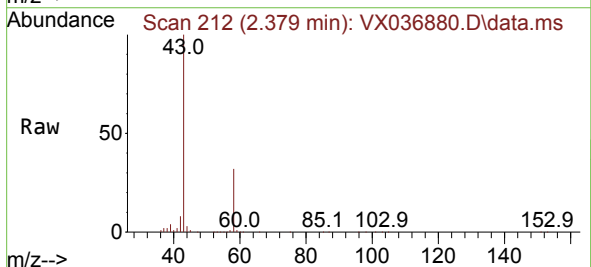
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

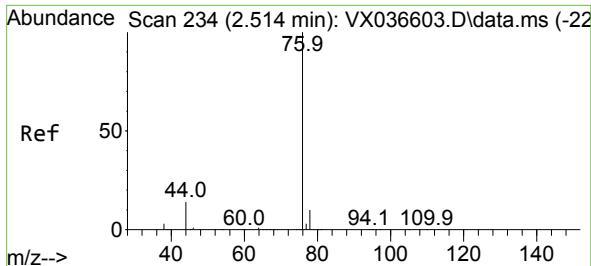
Tgt Ion: 53 Resp: 264730
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.5 29.8 44.6



#16
Acetone
Concen: 265.369 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 43 Resp: 260370
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9

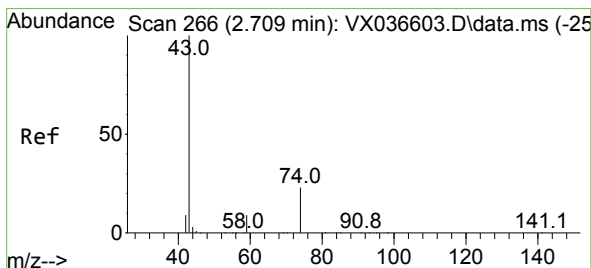
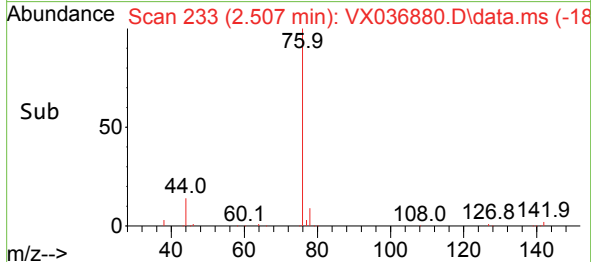
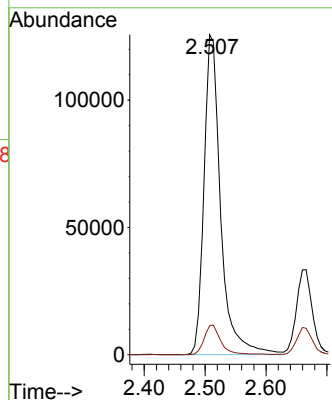
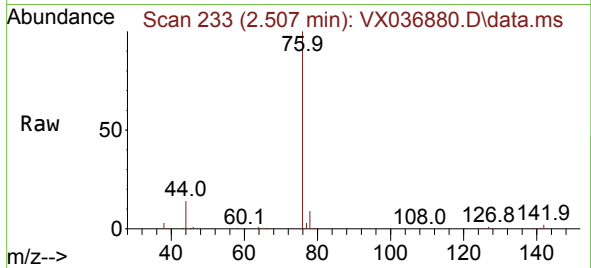




#17
Carbon Disulfide
Concen: 48.419 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

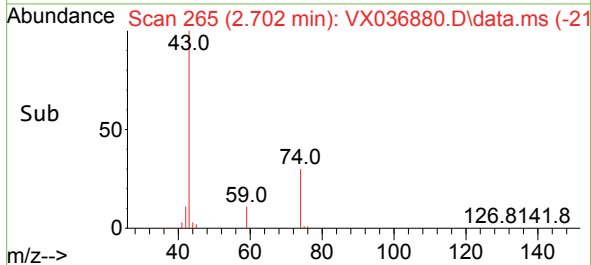
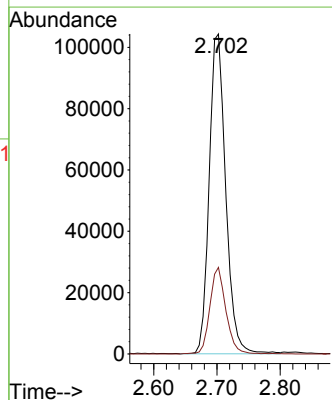
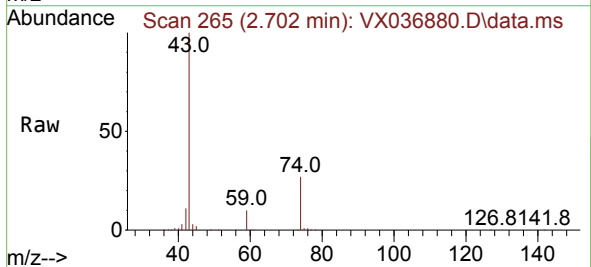
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

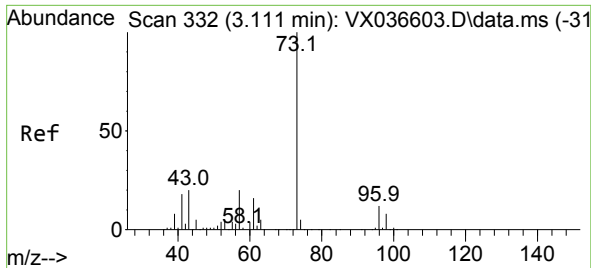
Tgt Ion: 76 Resp: 239119
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 45.811 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 43 Resp: 189087
Ion Ratio Lower Upper
43 100
74 26.2 17.8 26.8

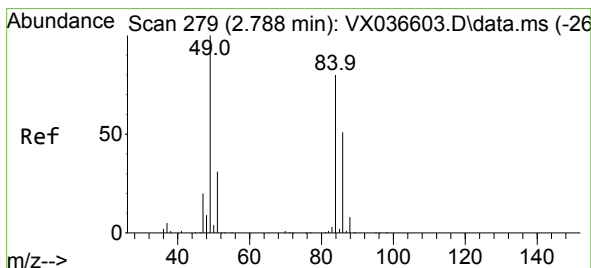
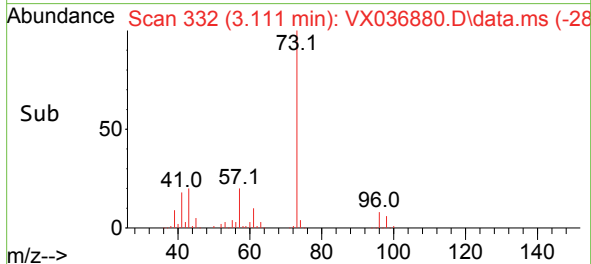
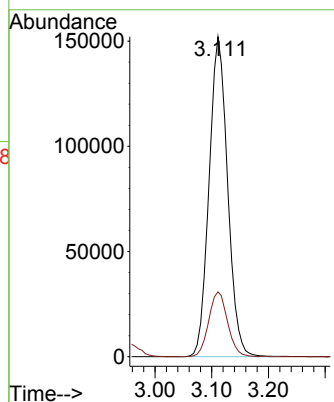
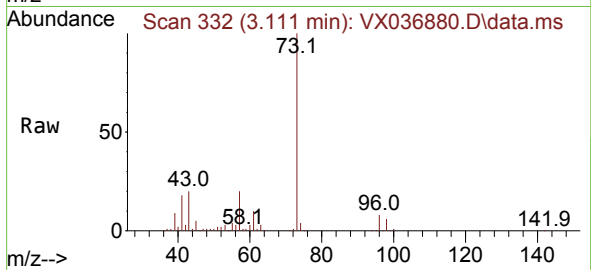




#19
Methyl tert-butyl Ether
Concen: 51.360 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

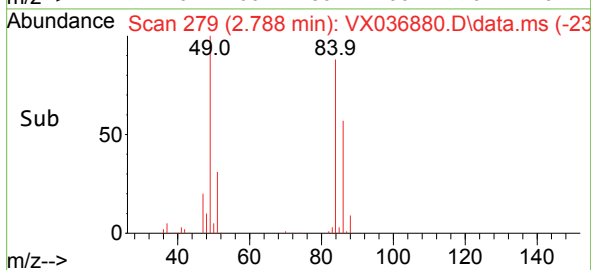
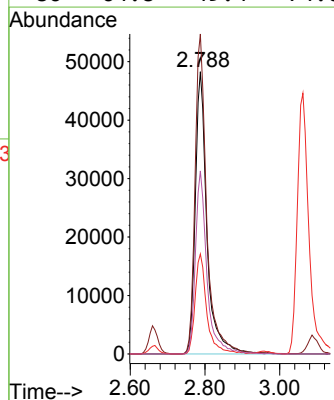
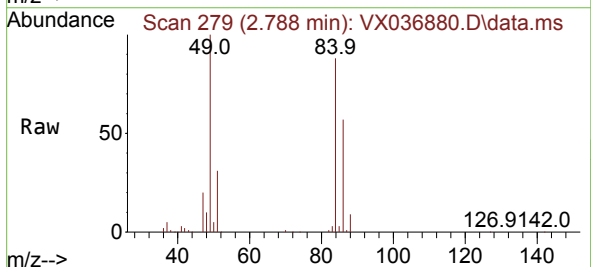
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

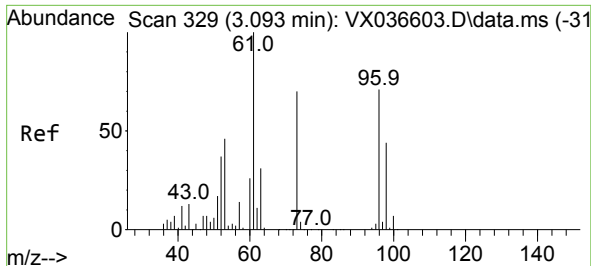
Tgt Ion: 73 Resp: 345353
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 47.871 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 84 Resp: 104459
Ion Ratio Lower Upper
84 100
49 113.4 103.6 155.4
51 35.4 33.8 50.6
86 64.8 49.4 74.0

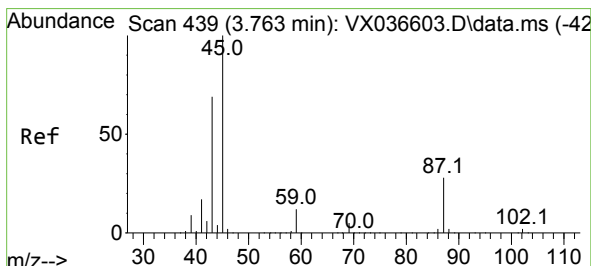
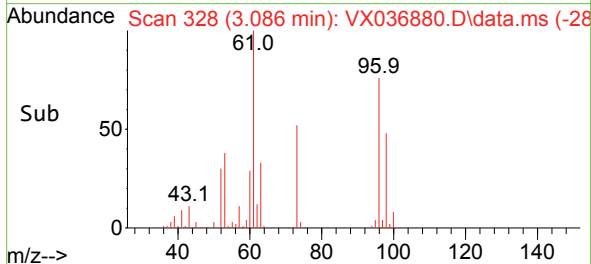
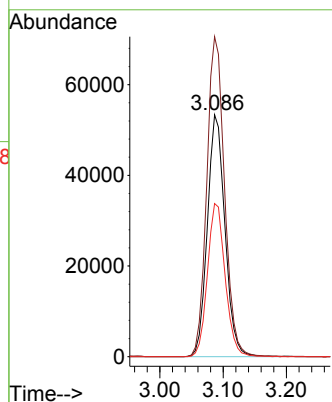
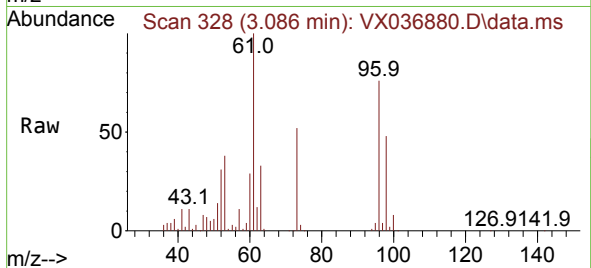




#21
trans-1,2-Dichloroethene
Concen: 51.617 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

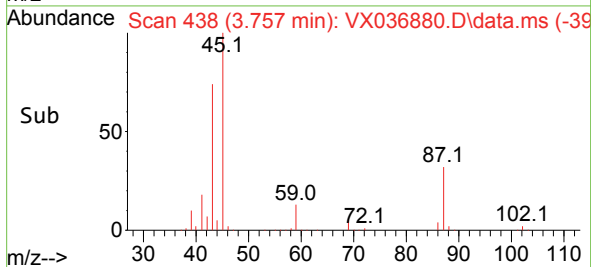
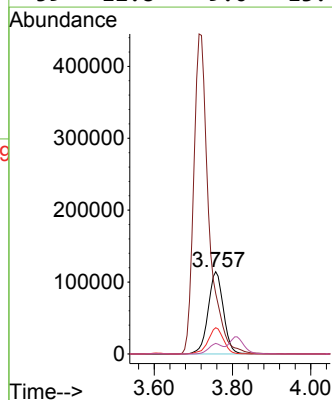
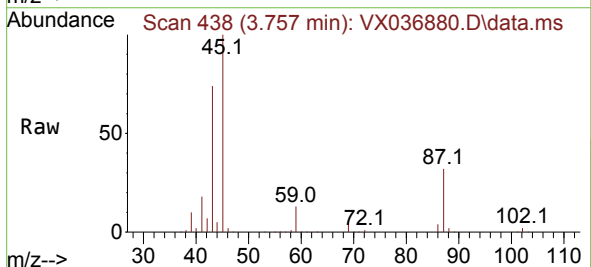
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

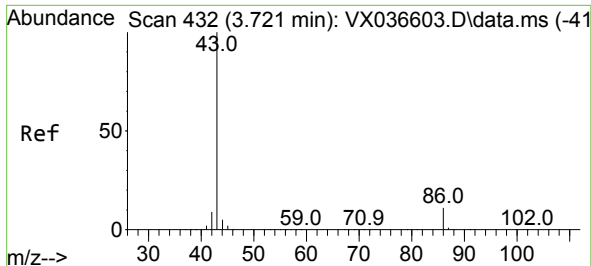
Tgt Ion: 96 Resp: 103225
Ion Ratio Lower Upper
96 100
61 132.3 119.2 178.8
98 63.3 48.7 73.1



#22
Diisopropyl ether
Concen: 46.025 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 45 Resp: 307911
Ion Ratio Lower Upper
45 100
43 73.3 69.7 104.5
87 31.9 20.8 31.2#
59 12.8 9.0 13.4

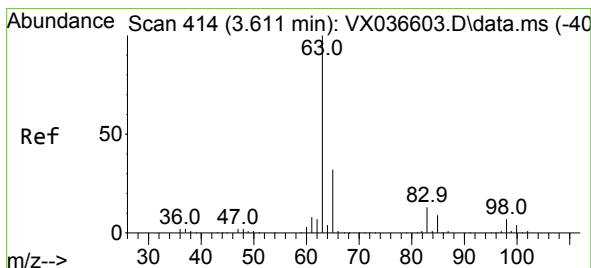
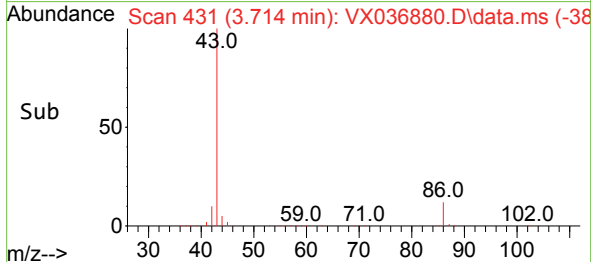
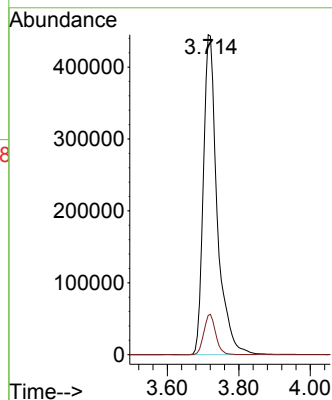
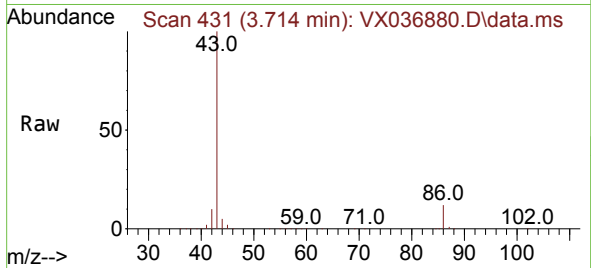




#23
 Vinyl Acetate
 Concen: 233.046 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

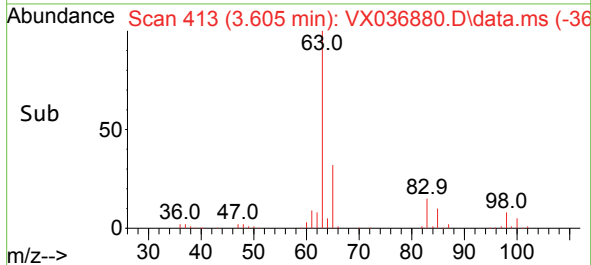
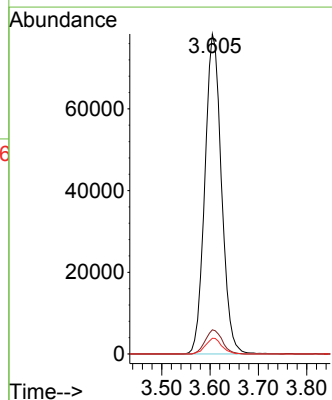
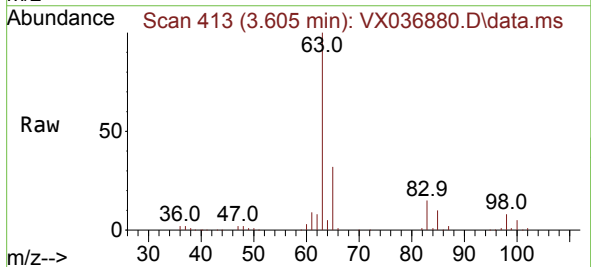
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

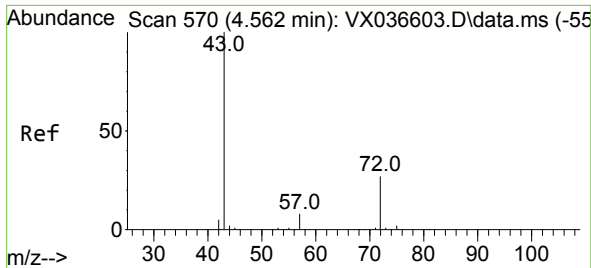
Tgt Ion: 43 Resp: 1195947
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 49.826 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

Tgt Ion: 63 Resp: 186893
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.9 2.1 6.5

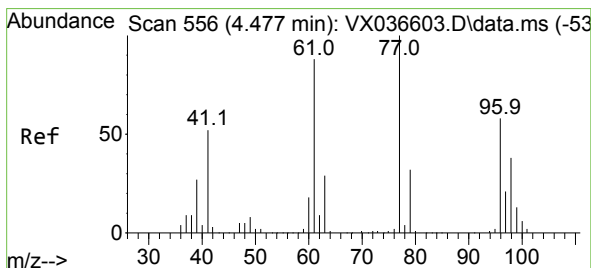
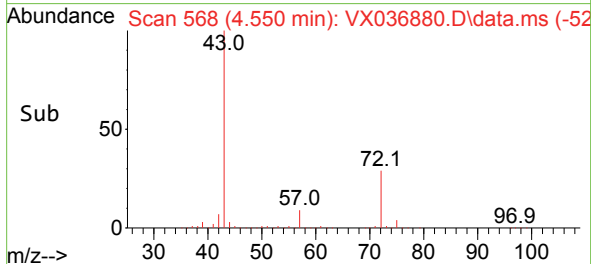
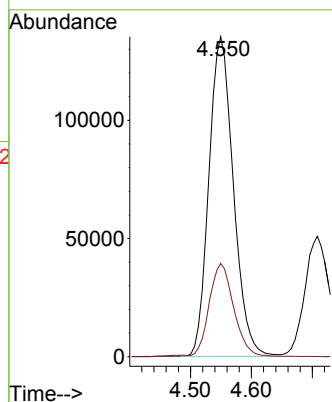
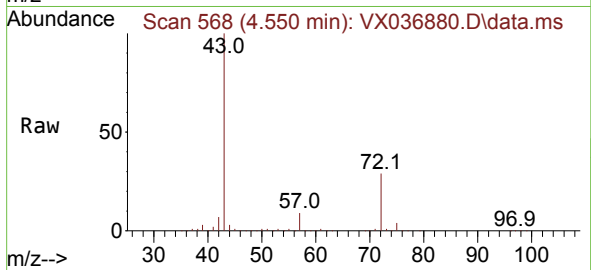




#25
2-Butanone
Concen: 237.027 ug/l
RT: 4.550 min Scan# 570
Delta R.T. -0.012 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

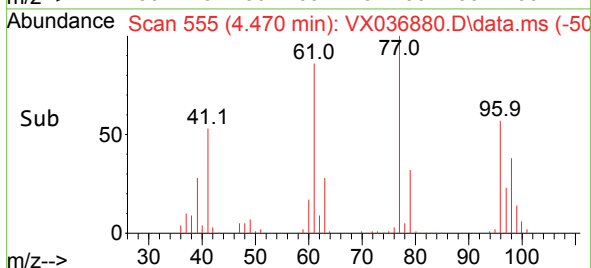
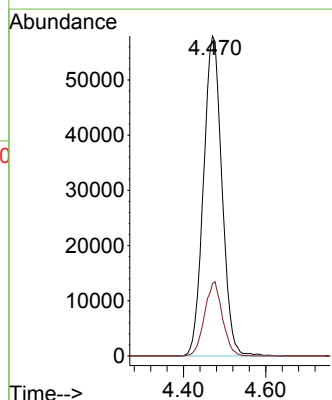
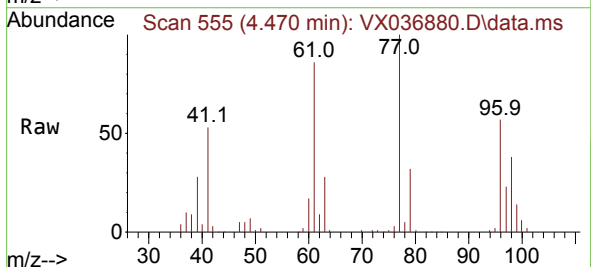
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

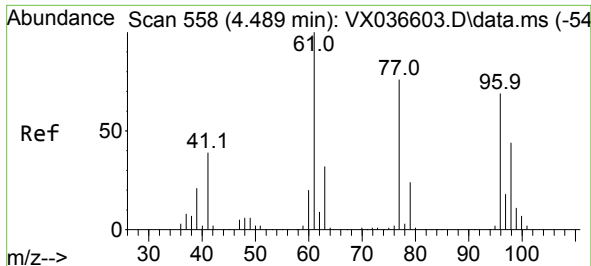
Tgt Ion: 43 Resp: 377318
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 51.076 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 77 Resp: 180520
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.274 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

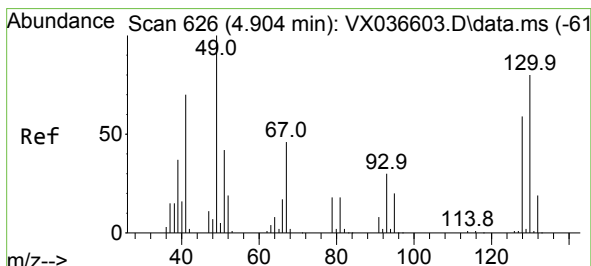
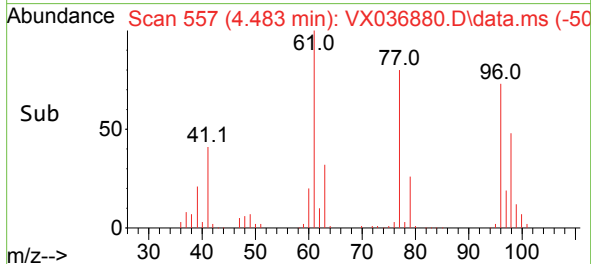
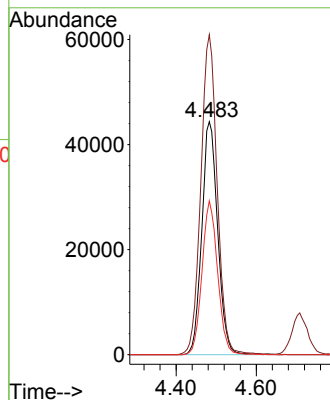
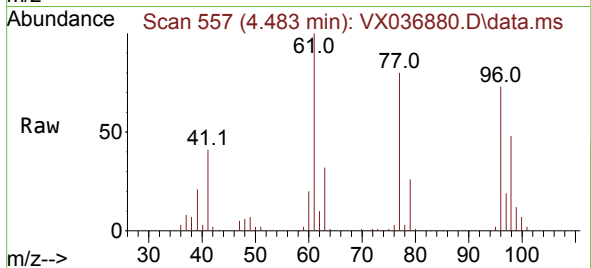
Tgt Ion: 96 Resp: 121790

Ion Ratio Lower Upper

96 100

61 141.9 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 42.583 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

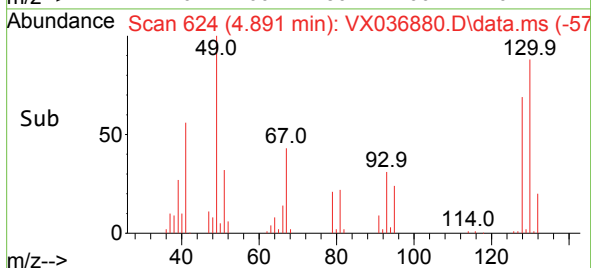
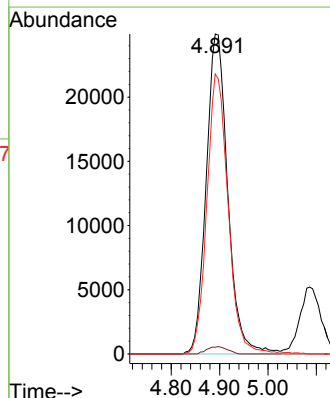
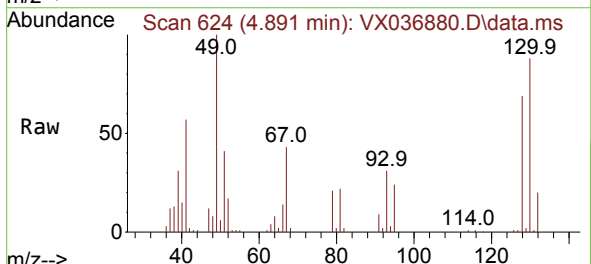
Tgt Ion: 49 Resp: 77248

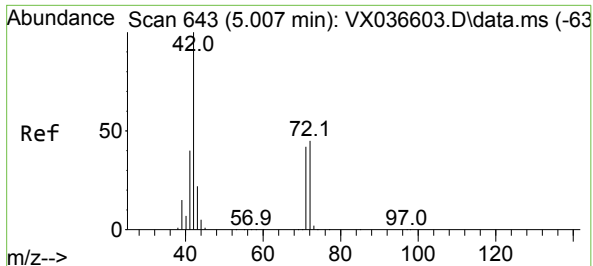
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 86.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 225.446 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

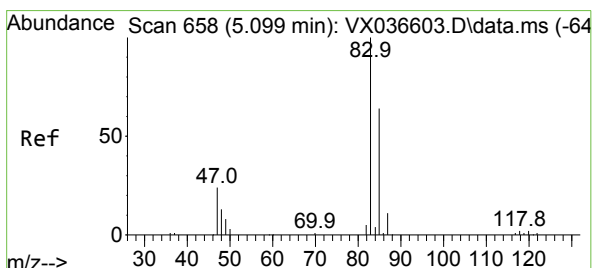
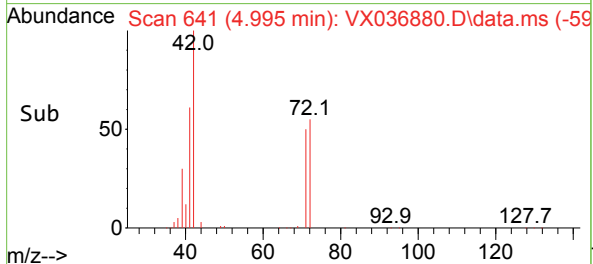
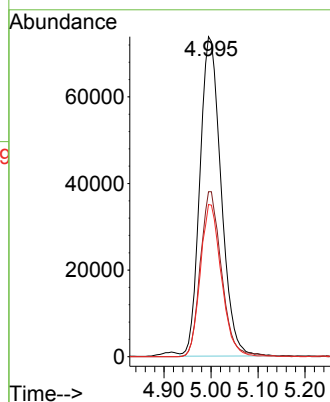
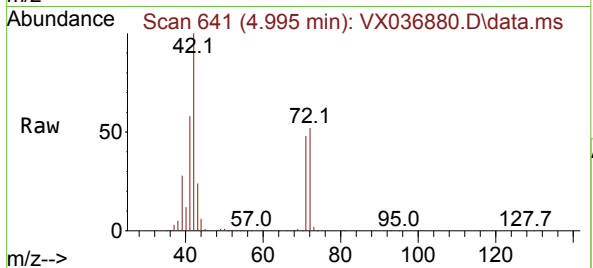
Tgt Ion: 42 Resp: 231378

Ion Ratio Lower Upper

42 100

72 51.7 34.2 51.4#

71 47.2 32.2 48.2



#30

Chloroform

Concen: 52.486 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX036880.D

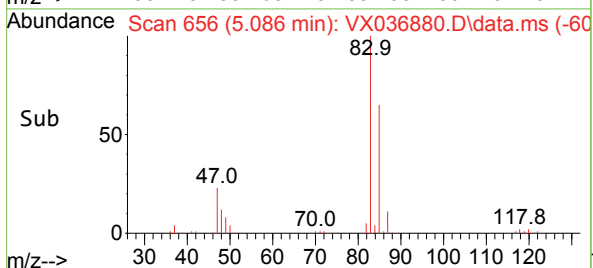
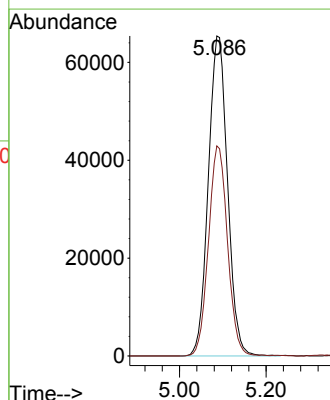
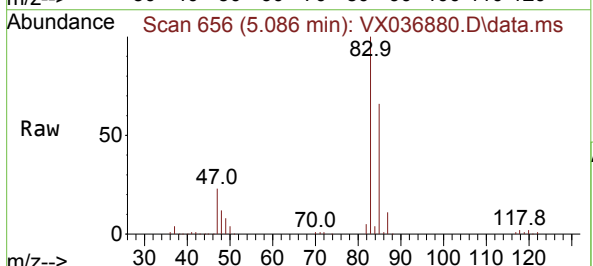
Acq: 09 Aug 2023 10:02

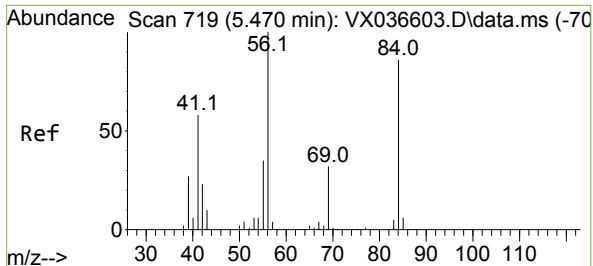
Tgt Ion: 83 Resp: 201416

Ion Ratio Lower Upper

83 100

85 65.7 50.3 75.5

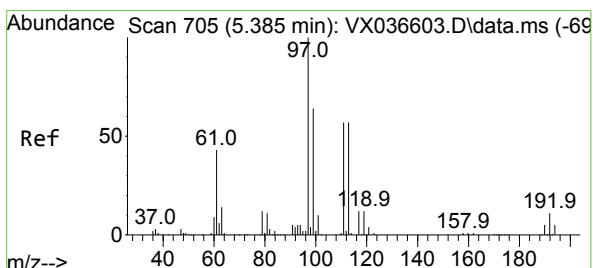
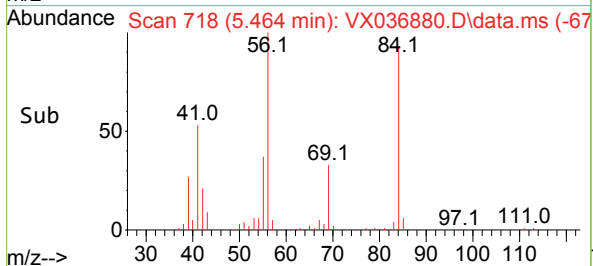
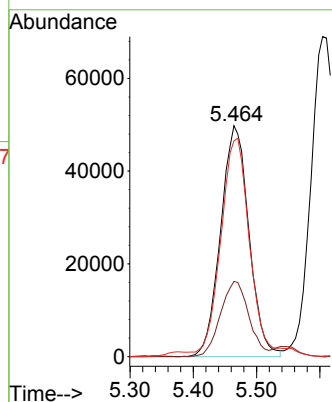
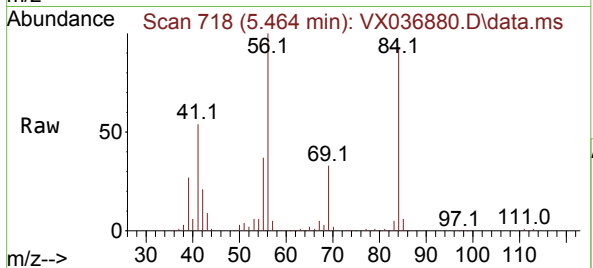




#31
Cyclohexane
Concen: 47.286 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

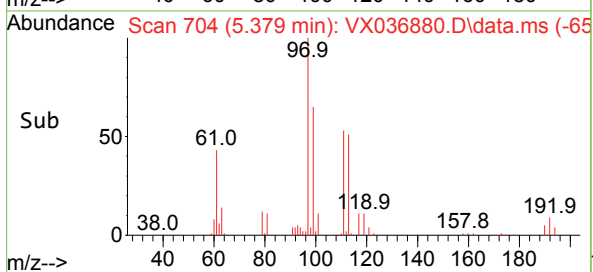
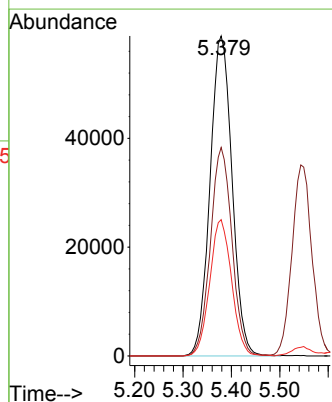
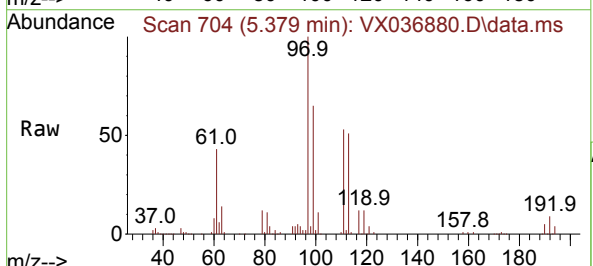
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

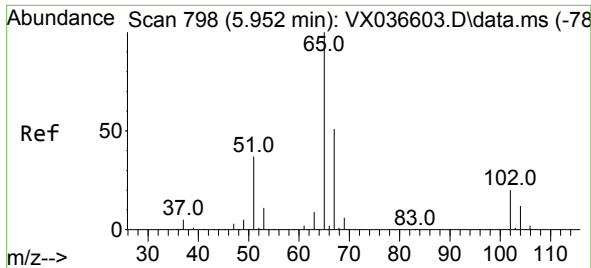
Tgt Ion: 56 Resp: 154805
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 91.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 52.870 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 97 Resp: 185902
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 42.3 36.4 54.6

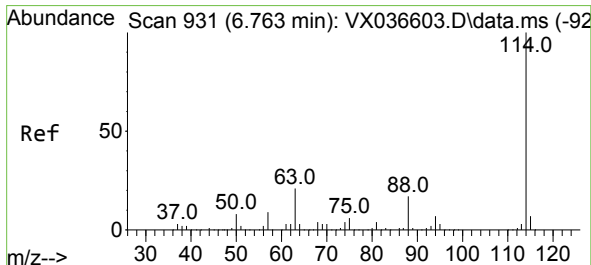
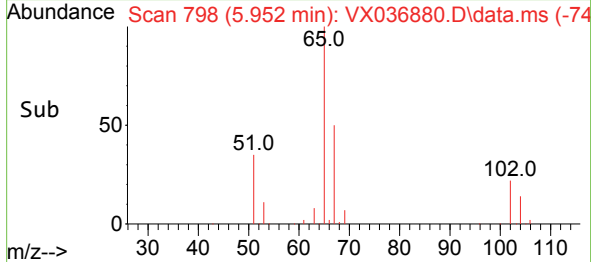
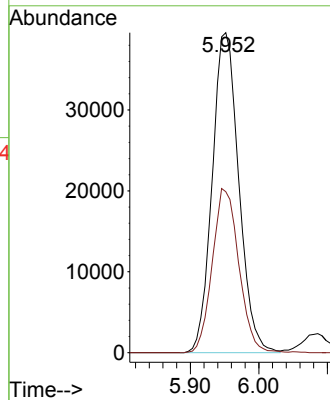
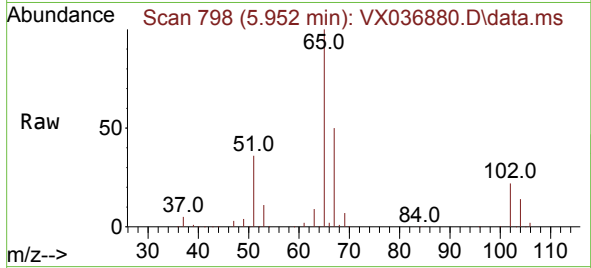




#33
 1,2-Dichloroethane-d4
 Concen: 45.095 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

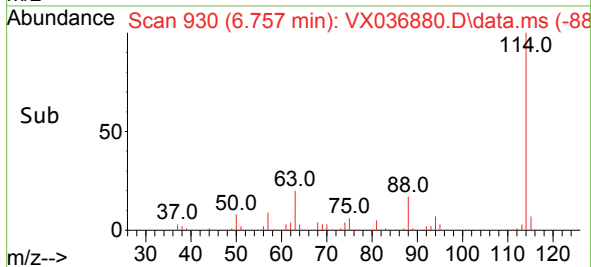
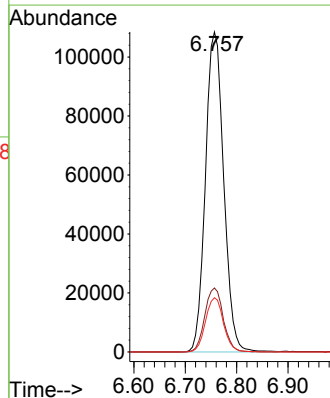
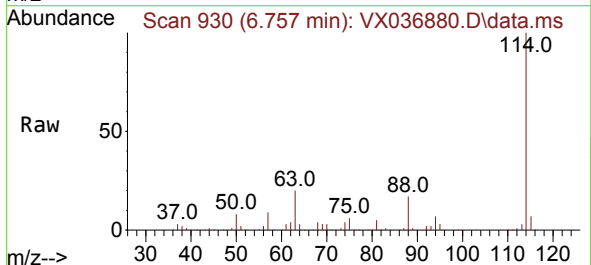
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

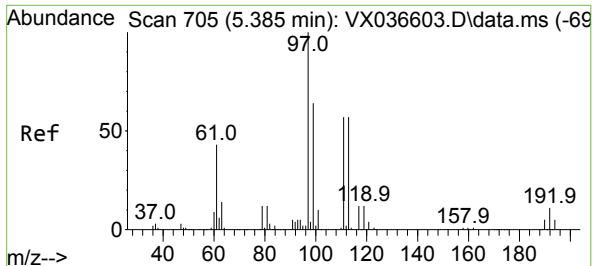
Tgt Ion: 65 Resp: 106626
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

Tgt Ion: 114 Resp: 267540
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 17.0 0.0 36.6

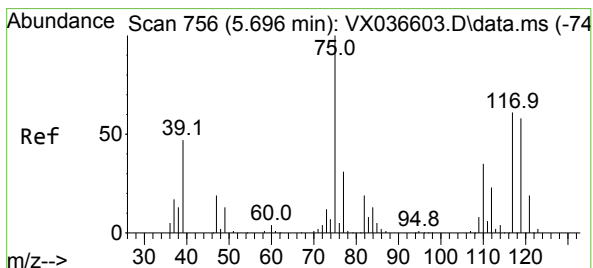
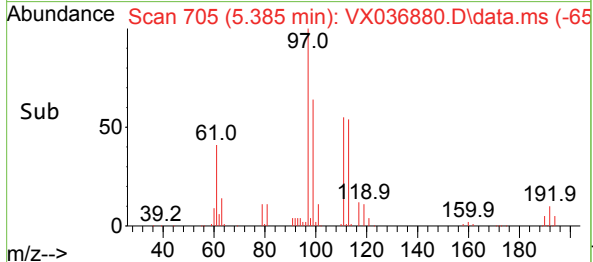
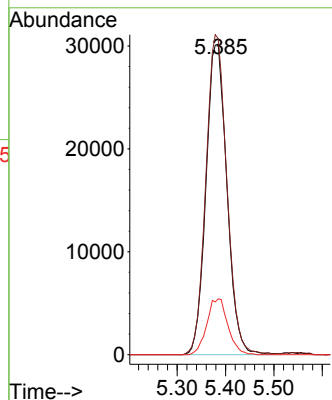
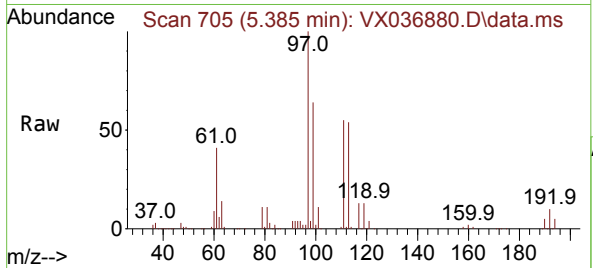




#35
Dibromofluoromethane
Concen: 49.304 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

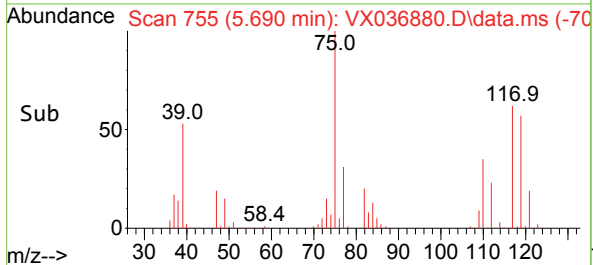
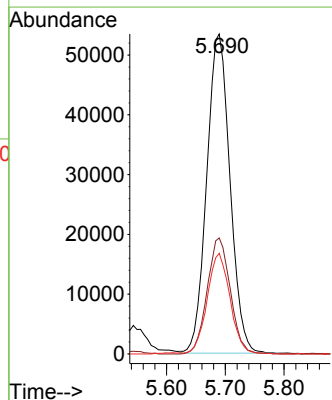
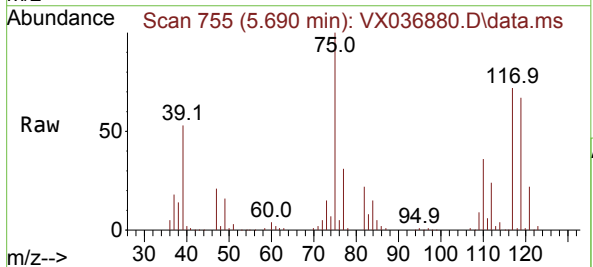
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

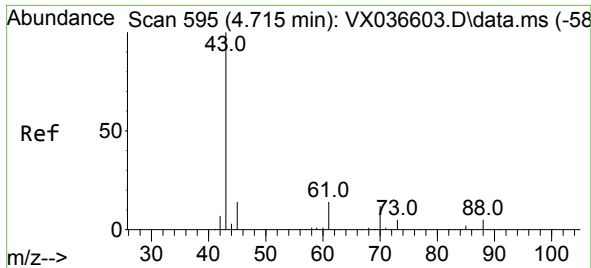
Tgt Ion:113 Resp: 90667
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 53.630 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 75 Resp: 146995
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 47.284 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

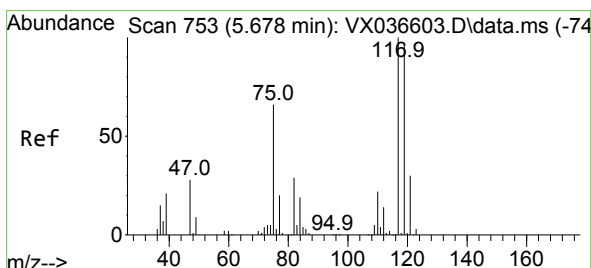
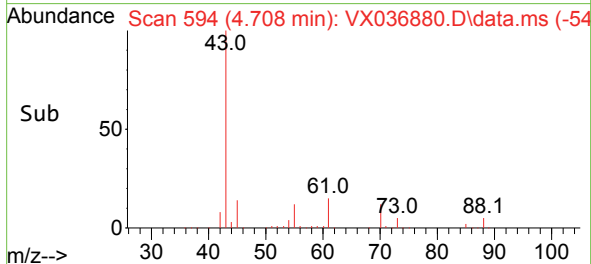
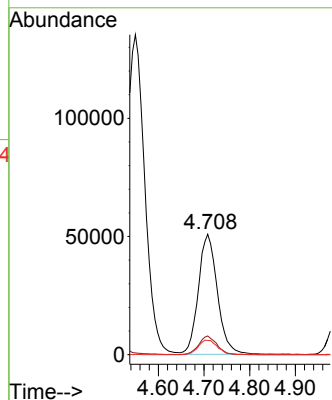
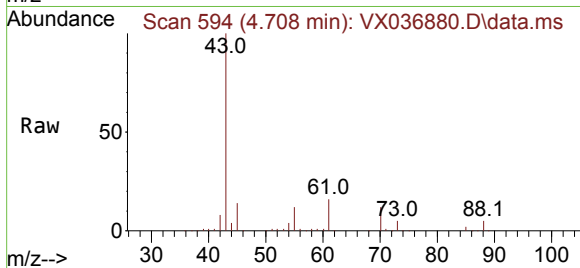
Tgt Ion: 43 Resp: 146688

Ion Ratio Lower Upper

43 100

61 15.0 10.6 16.0

70 12.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 55.809 ug/l

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

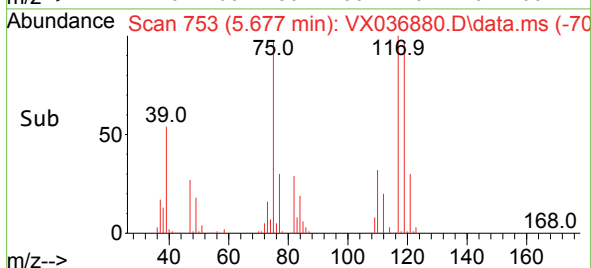
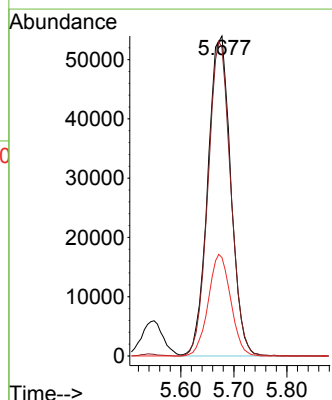
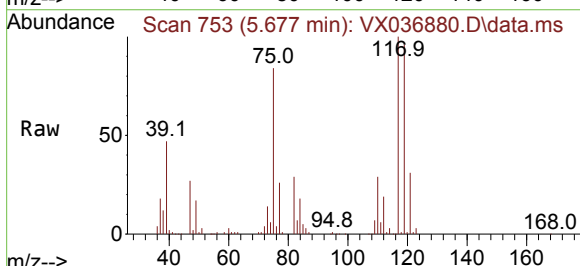
Tgt Ion: 117 Resp: 162625

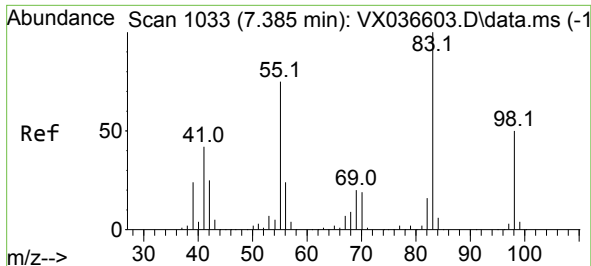
Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.2

121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 48.511 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

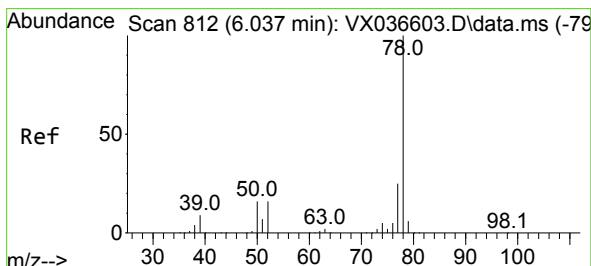
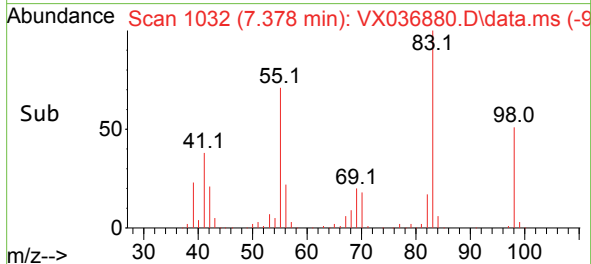
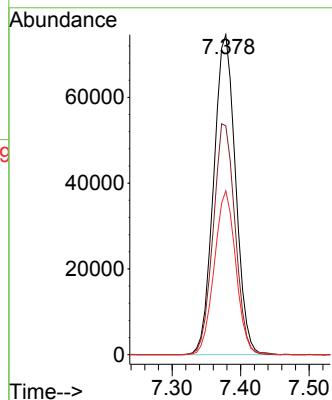
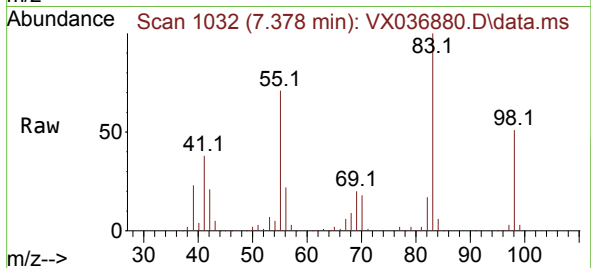
Tgt Ion: 83 Resp: 165336

Ion Ratio Lower Upper

83 100

55 71.5 64.6 97.0

98 51.2 36.7 55.1



#40

Benzene

Concen: 52.593 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036880.D

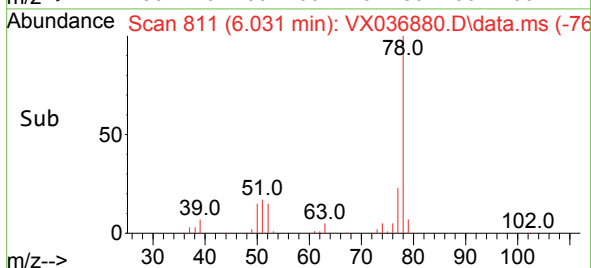
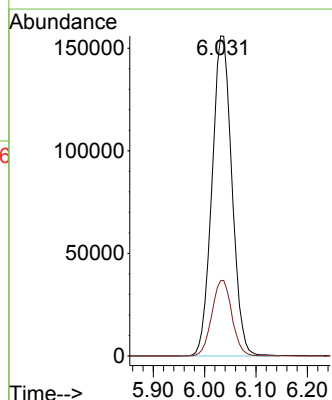
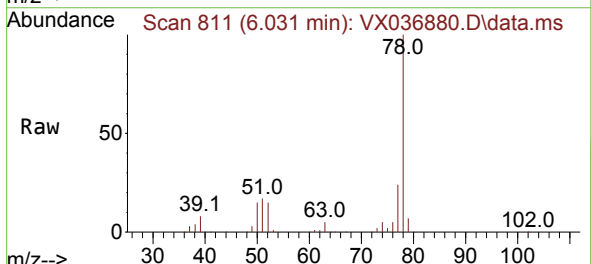
Acq: 09 Aug 2023 10:02

Tgt Ion: 78 Resp: 419400

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

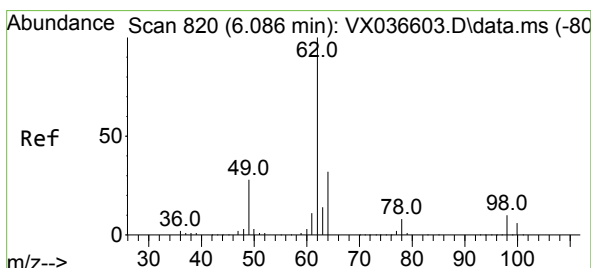
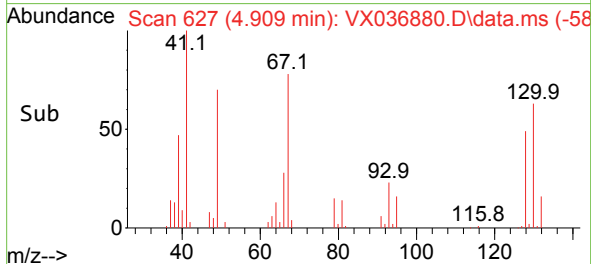
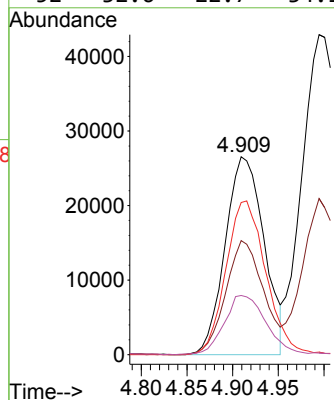
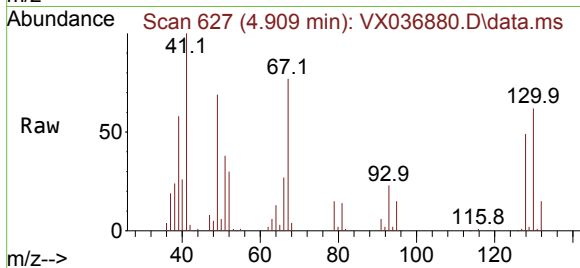




#41
Methacrylonitrile
Concen: 47.453 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

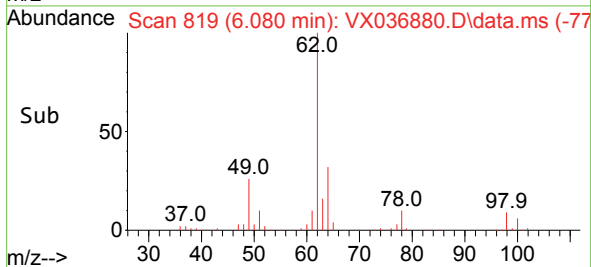
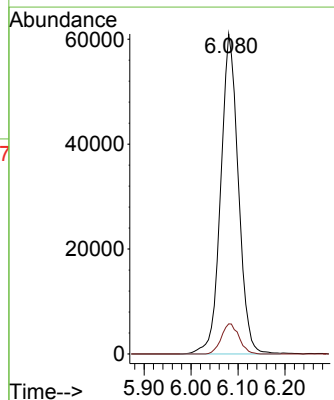
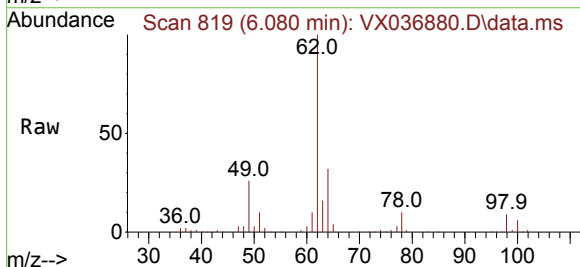
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

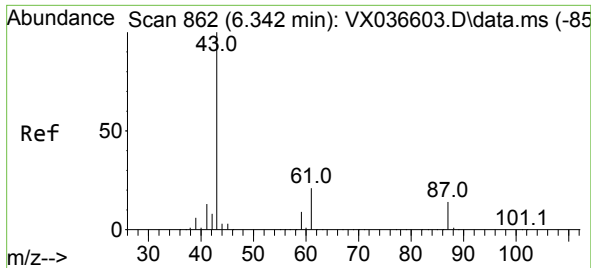
Tgt Ion:	41	Resp:	78736
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.2	67.8
67	80.0	52.6	78.8#
52	32.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.636 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:	62	Resp:	159298
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.0

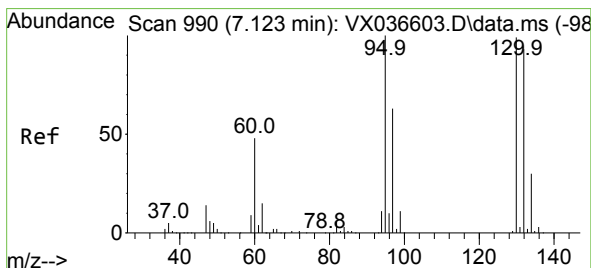
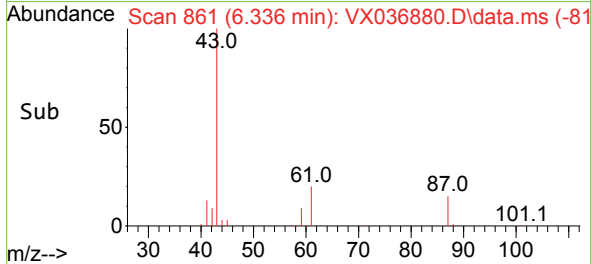
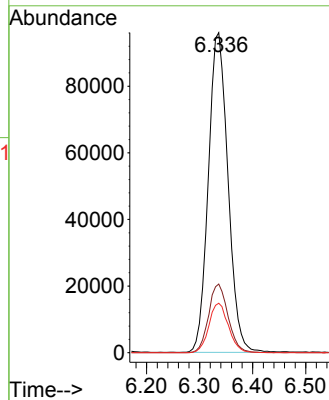
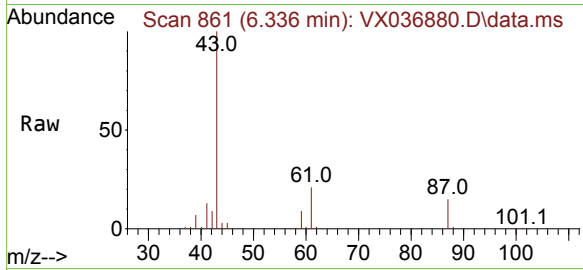




#43
Isopropyl Acetate
Concen: 46.249 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

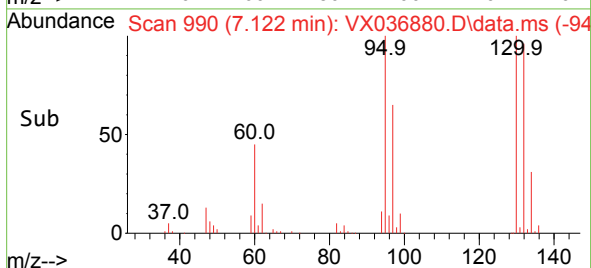
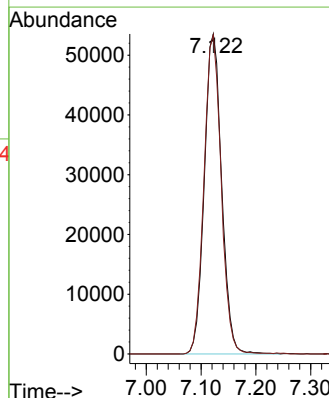
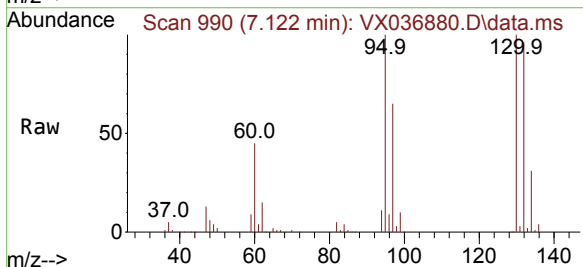
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

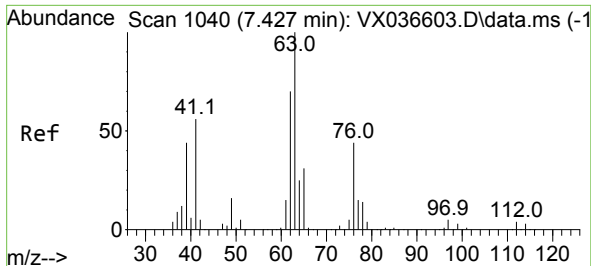
Tgt Ion: 43 Resp: 246975
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 15.4 9.8 14.6#



#44
Trichloroethene
Concen: 56.264 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:130 Resp: 117279
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.4

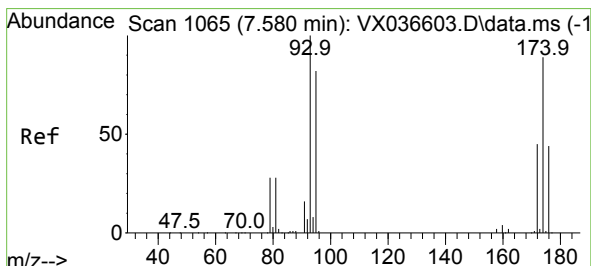
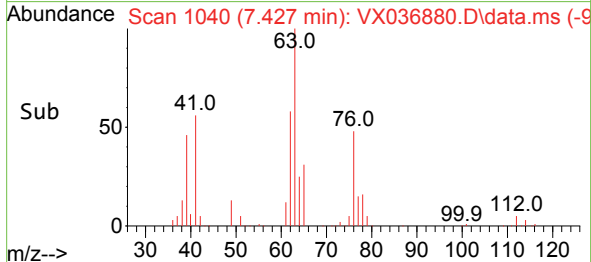
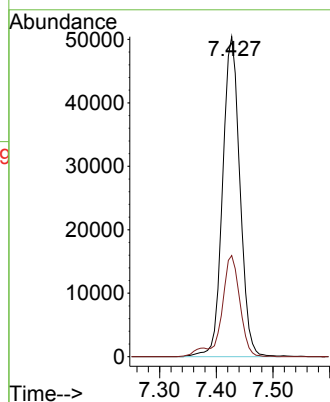
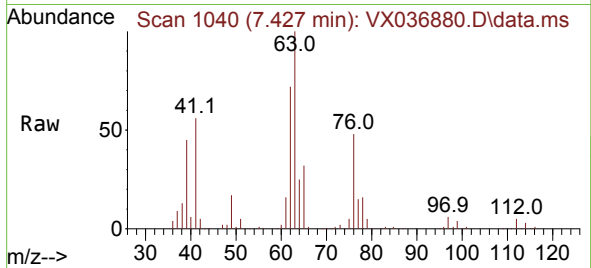




#45
1,2-Dichloropropane
Concen: 50.115 ug/l
RT: 7.427 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

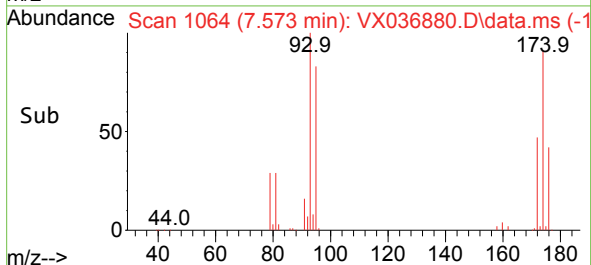
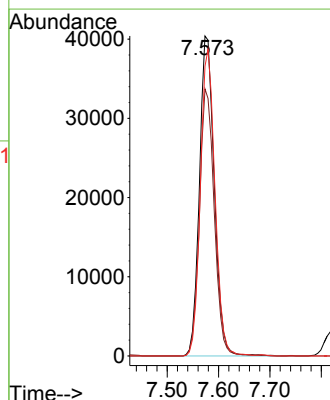
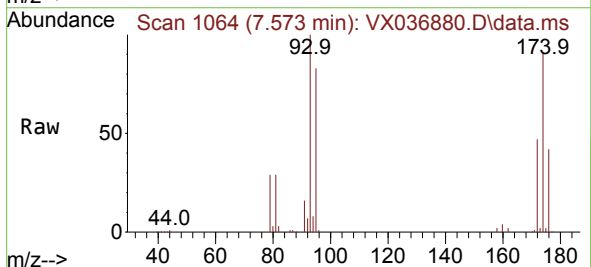
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 106701
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5



#46
Dibromomethane
Concen: 54.485 ug/l
RT: 7.573 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 93 Resp: 81188
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 94.3 69.4 104.0

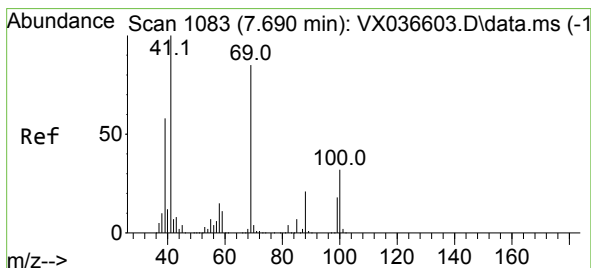
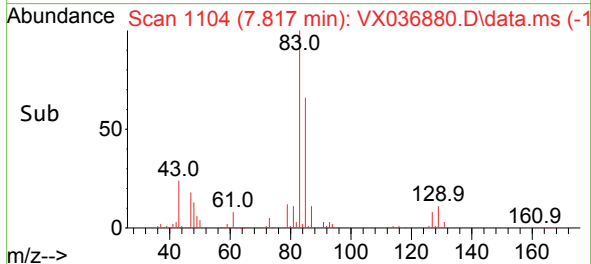
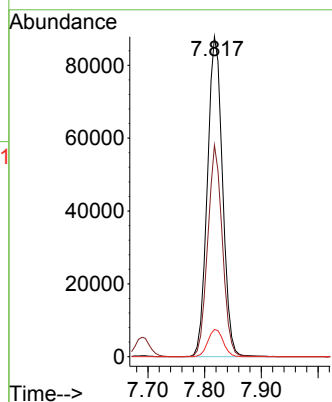
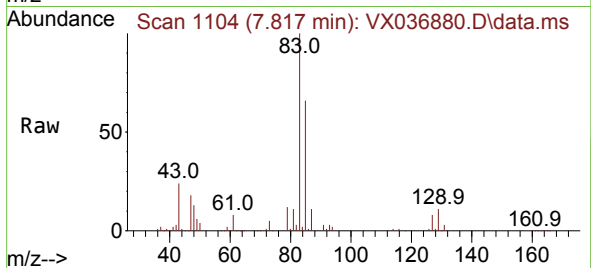




#47
Bromodichloromethane
Concen: 53.254 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

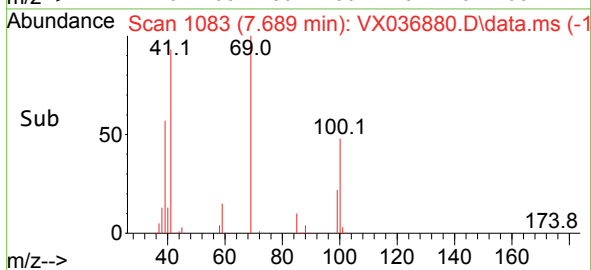
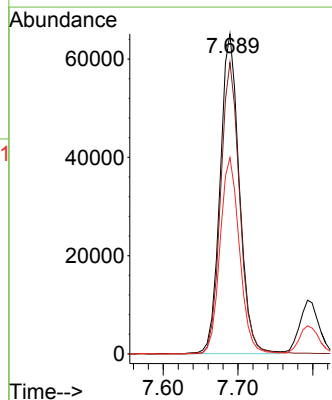
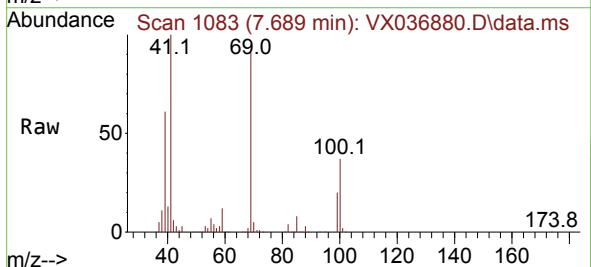
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

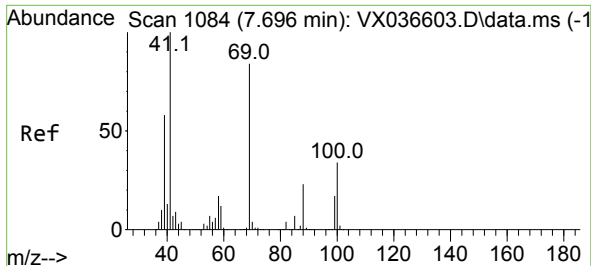
Tgt Ion: 83 Resp: 162886
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.6
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 46.895 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 41 Resp: 116464
Ion Ratio Lower Upper
41 100
69 91.1 59.2 88.8#
39 62.4 47.7 71.5





#49

1,4-Dioxane

Concen: 989.926 ug/l

RT: 7.653 min Scan# 1084

Delta R.T. -0.043 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

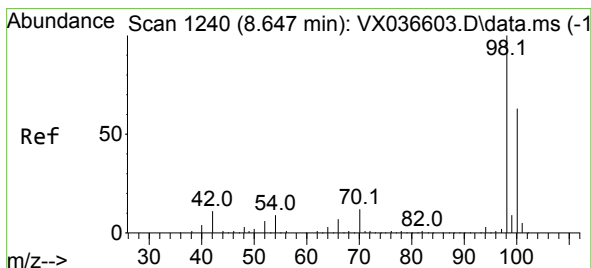
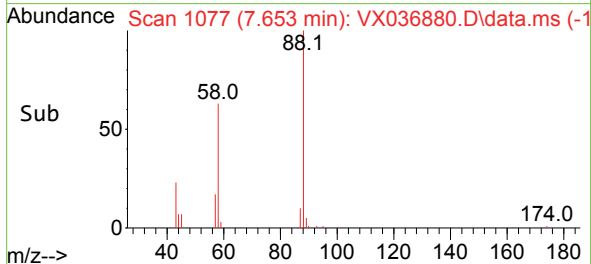
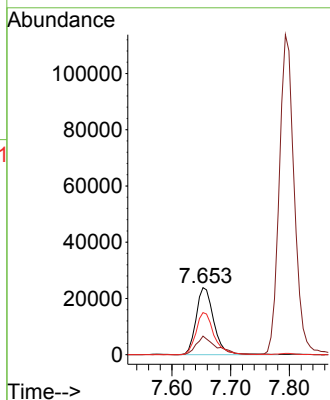
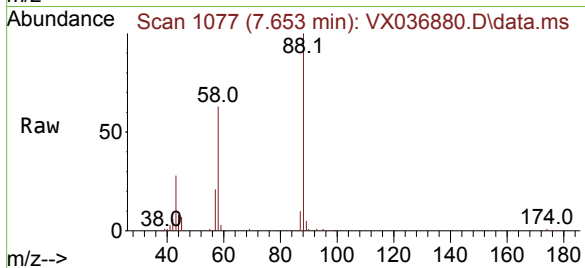
Tgt Ion: 88 Resp: 49665

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 64.3 60.1 90.1



#50

Toluene-d8

Concen: 46.000 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036880.D

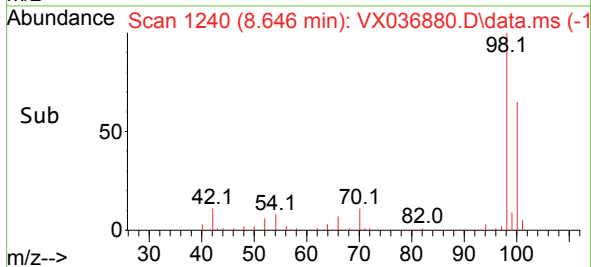
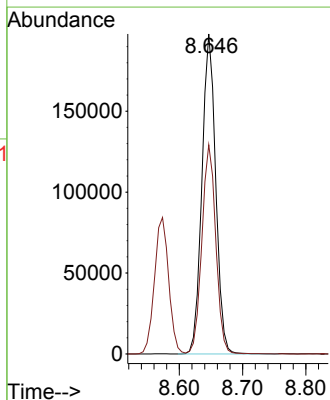
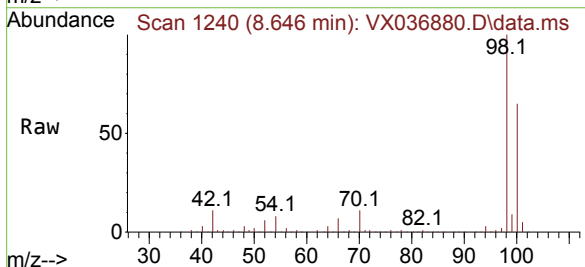
Acq: 09 Aug 2023 10:02

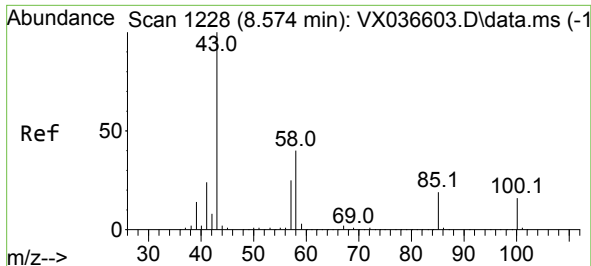
Tgt Ion: 98 Resp: 299978

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

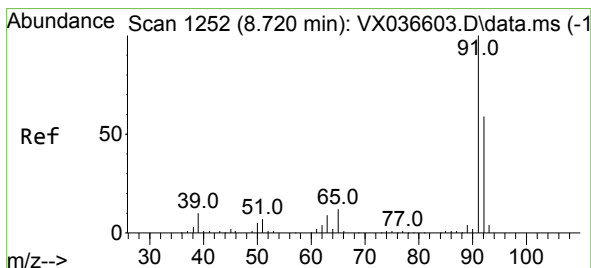
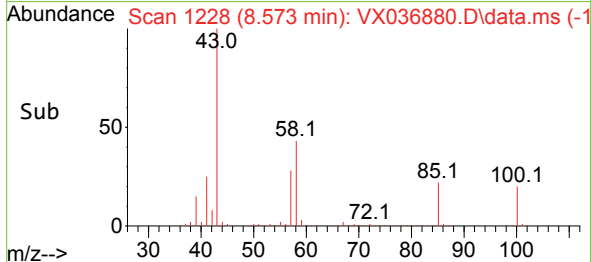
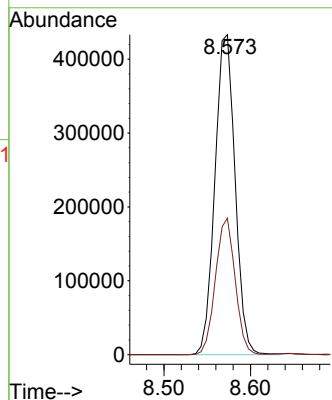
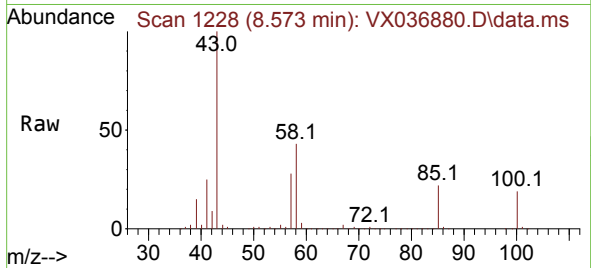




#51
4-Methyl-2-Pentanone
Concen: 237.140 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

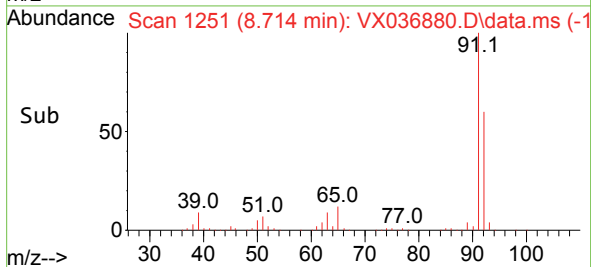
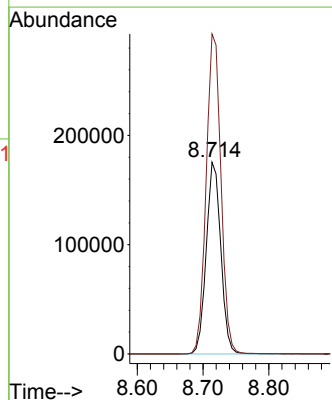
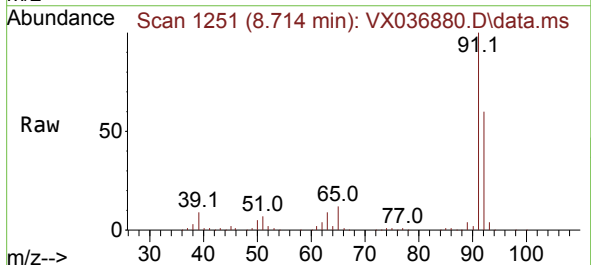
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

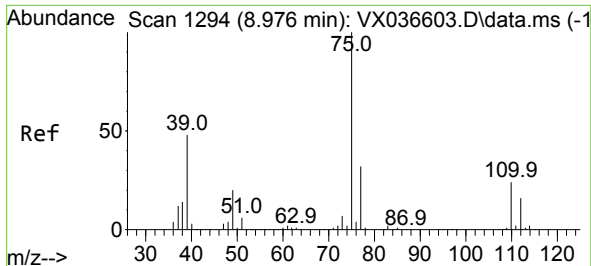
Tgt Ion: 43 Resp: 700799
Ion Ratio Lower Upper
43 100
58 41.8 30.4 45.6



#52
Toluene
Concen: 54.055 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 92 Resp: 270097
Ion Ratio Lower Upper
92 100
91 169.7 134.2 201.2

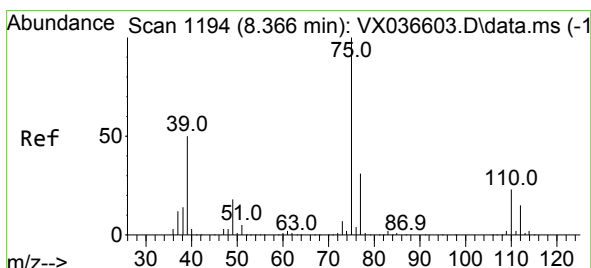
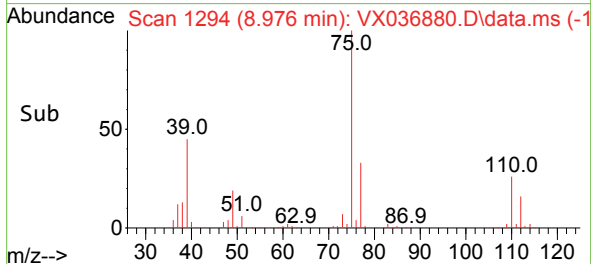
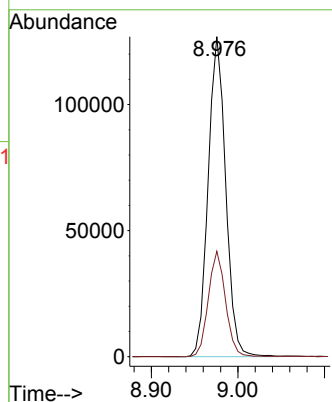
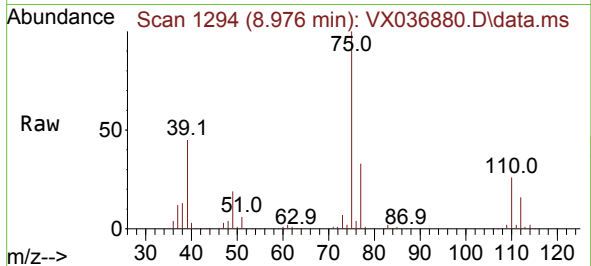




#53
 t-1,3-Dichloropropene
 Concen: 51.714 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

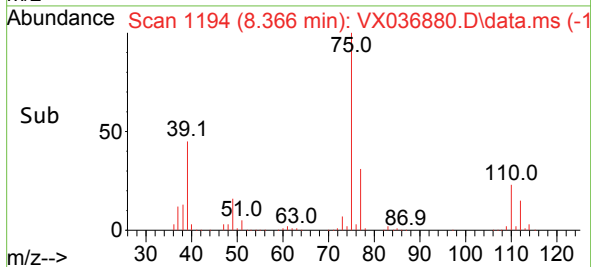
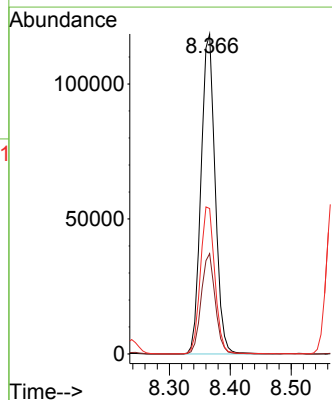
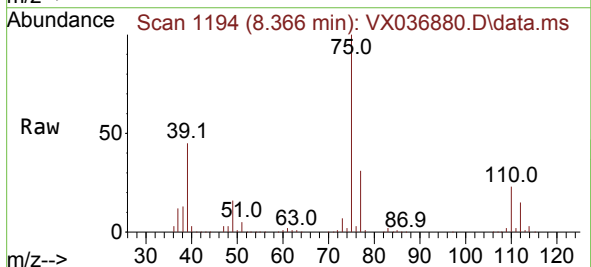
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

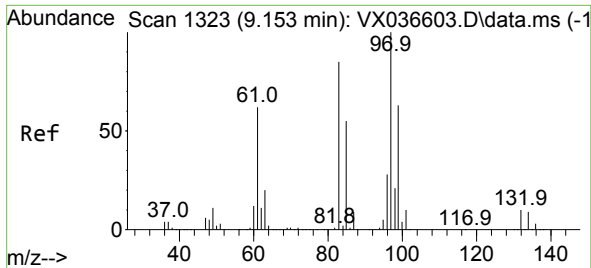
Tgt Ion: 75 Resp: 178777
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.304 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

Tgt Ion: 75 Resp: 190800
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 45.4 46.7 70.1#

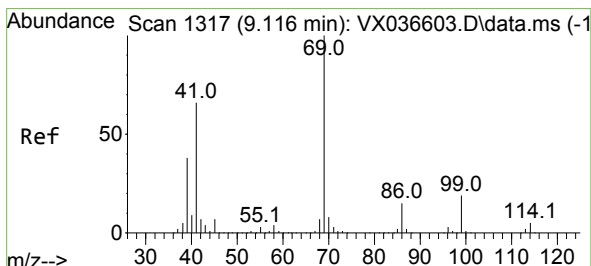
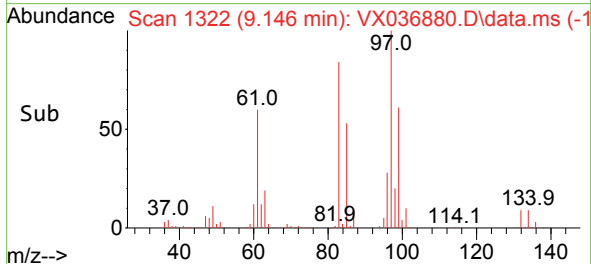
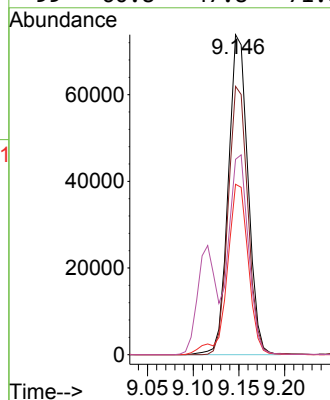
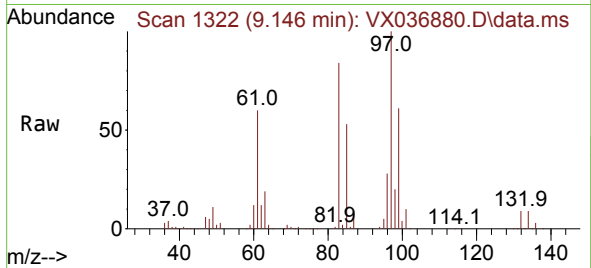




#55
1,1,2-Trichloroethane
Concen: 52.733 ug/l
RT: 9.146 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

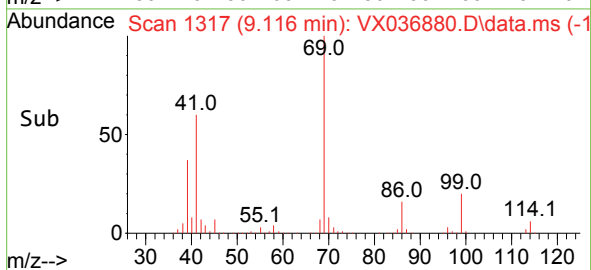
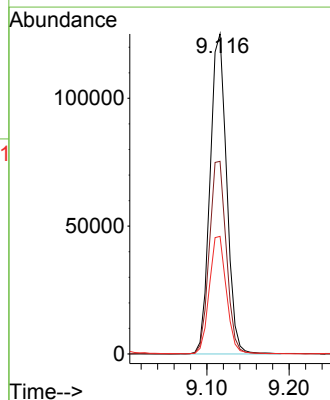
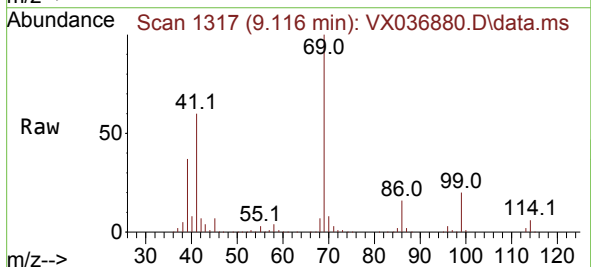
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

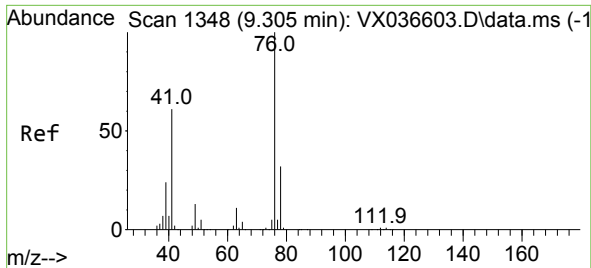
Tgt Ion:	97	Resp:	110760
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.8	98.8
85	53.3	41.6	62.4
99	60.8	47.8	71.8



#56
Ethyl methacrylate
Concen: 51.341 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:	69	Resp:	175598
Ion	Ratio	Lower	Upper
69	100		
41	61.8	56.8	85.2
39	37.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.390 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

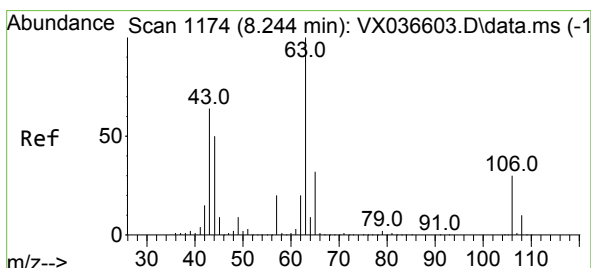
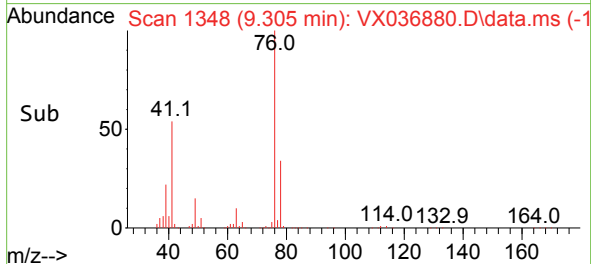
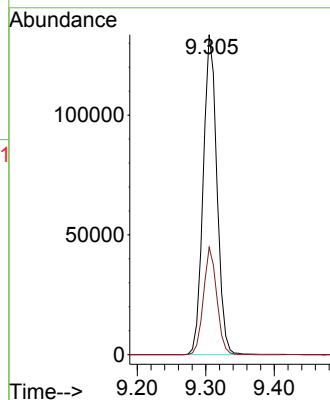
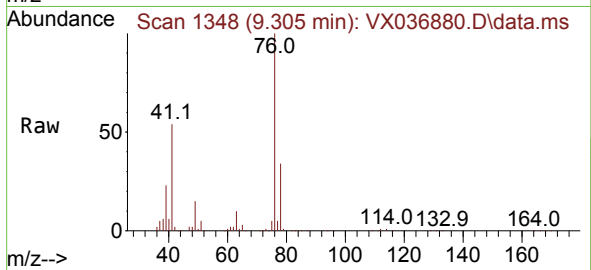
VSTDCCC050

Tgt Ion: 76 Resp: 186779

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 228.081 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036880.D

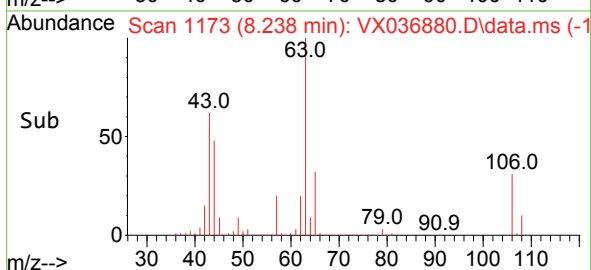
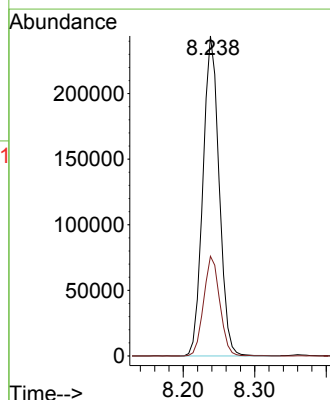
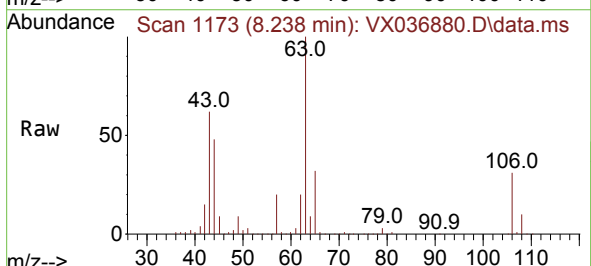
Acq: 09 Aug 2023 10:02

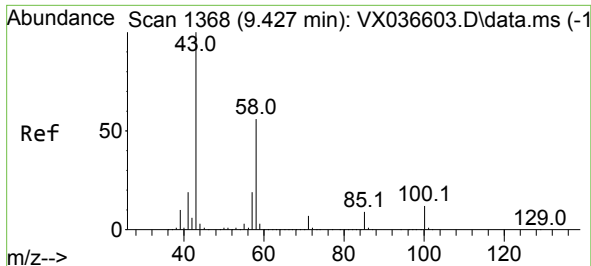
Tgt Ion: 63 Resp: 384374

Ion Ratio Lower Upper

63 100

106 31.0 22.5 33.7

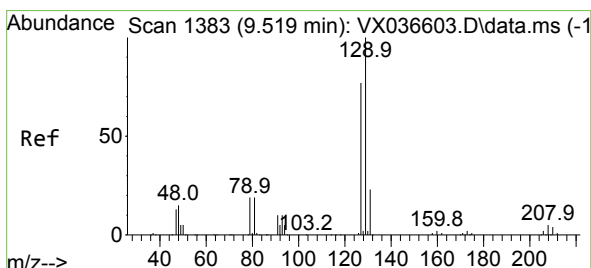
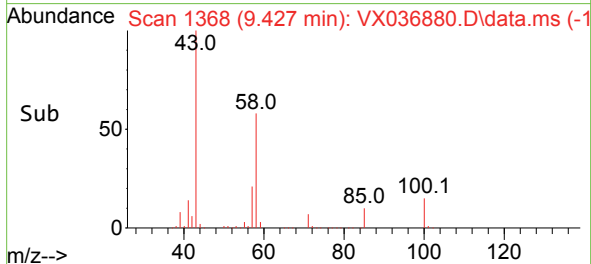
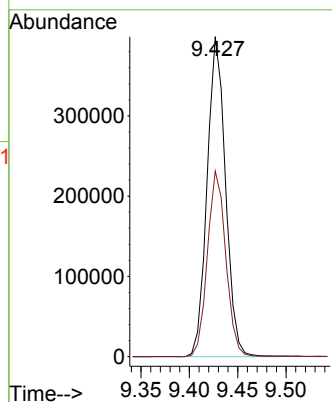
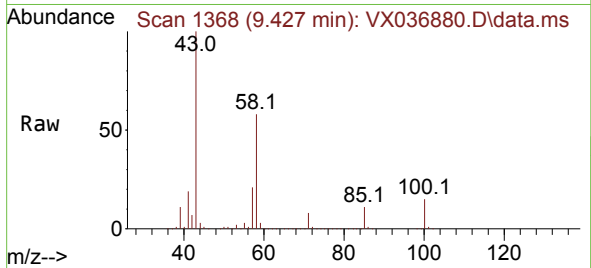




#59
2-Hexanone
Concen: 240.874 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

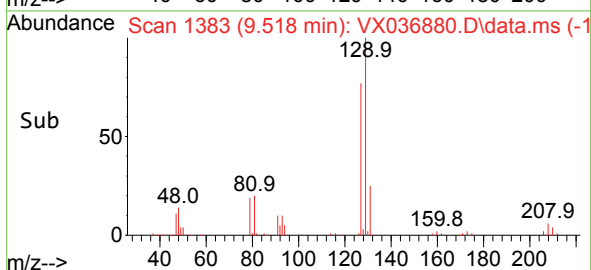
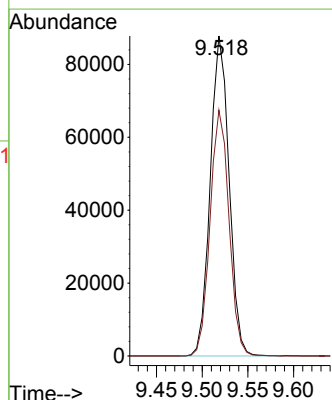
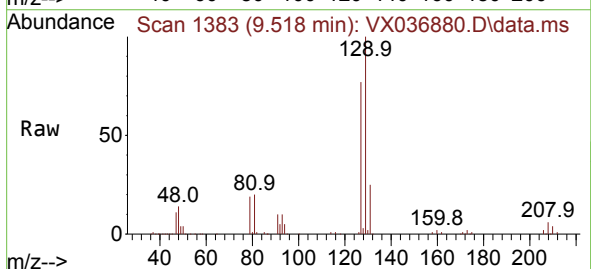
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

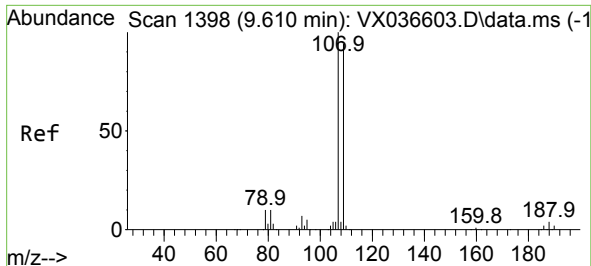
Tgt Ion: 43 Resp: 528299
Ion Ratio Lower Upper
43 100
58 58.3 26.2 78.5



#60
Dibromochloromethane
Concen: 54.379 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 129 Resp: 125540
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

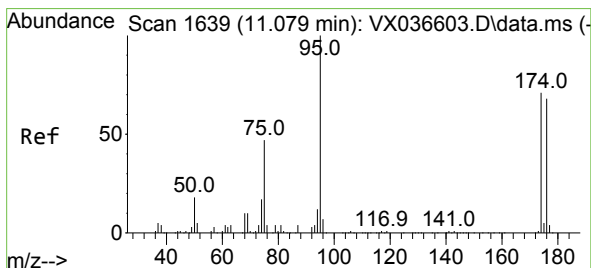
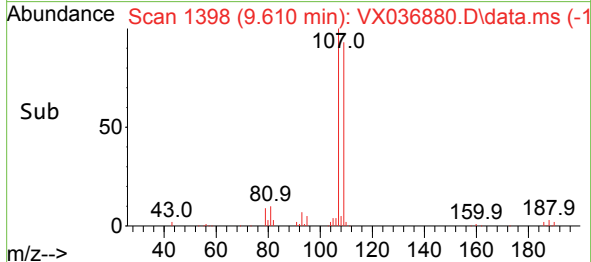
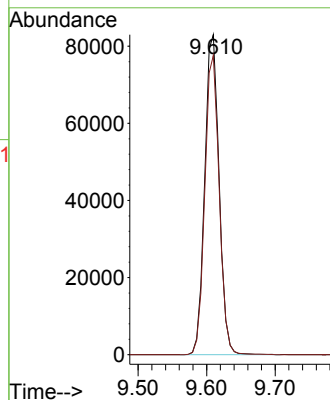
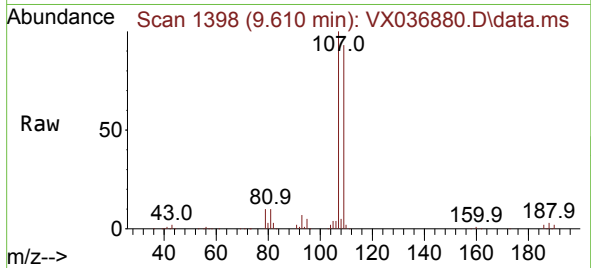




#61
1,2-Dibromoethane
Concen: 55.719 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

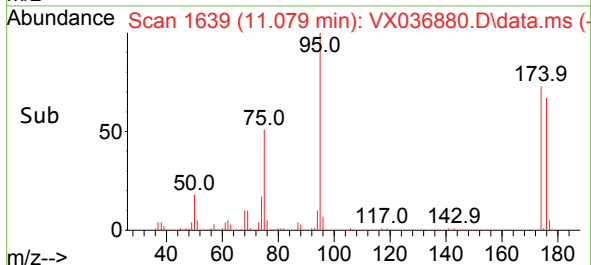
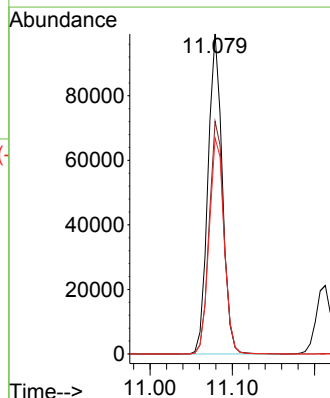
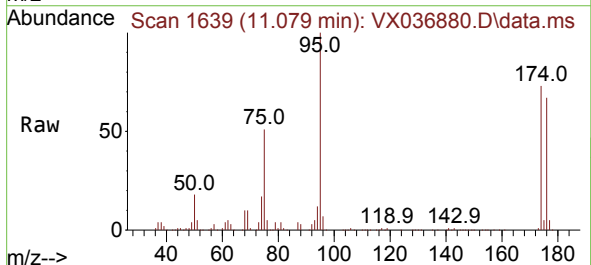
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

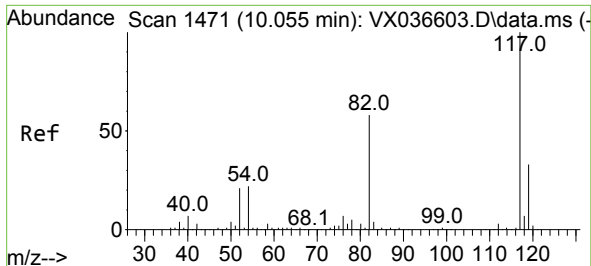
Tgt Ion:107 Resp: 121294
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 95 Resp: 119869
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 70.5 0.0 131.0

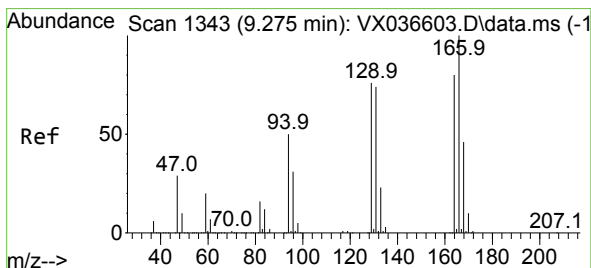
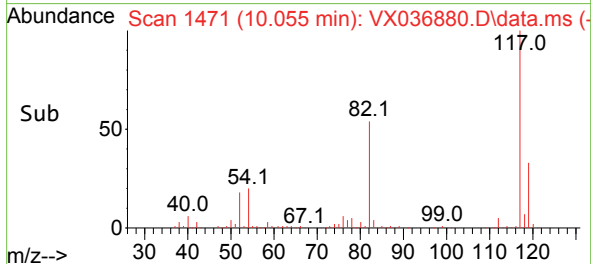
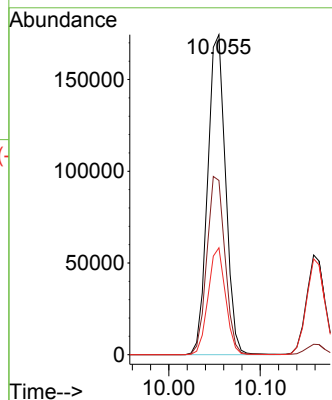
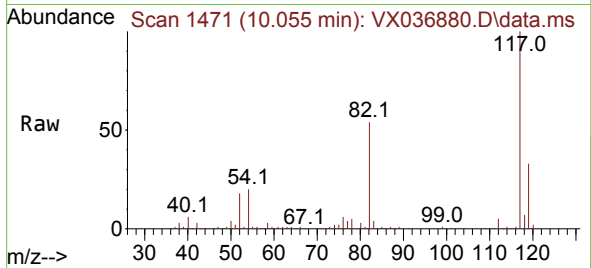




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

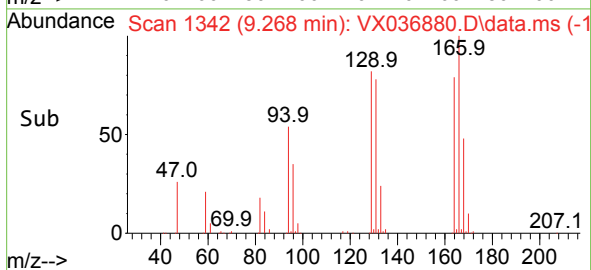
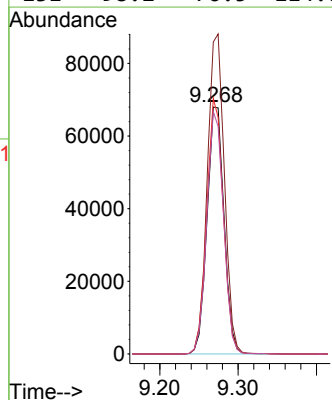
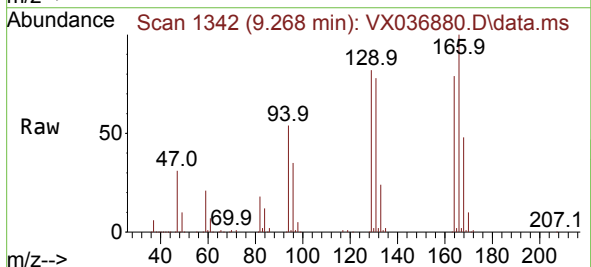
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

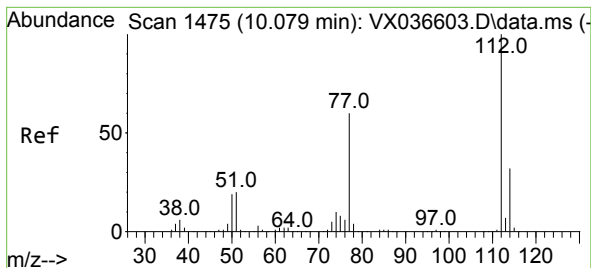
Tgt Ion:117 Resp: 237885
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 57.613 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:164 Resp: 102226
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 103.4 80.4 120.6
131 98.2 76.5 114.7

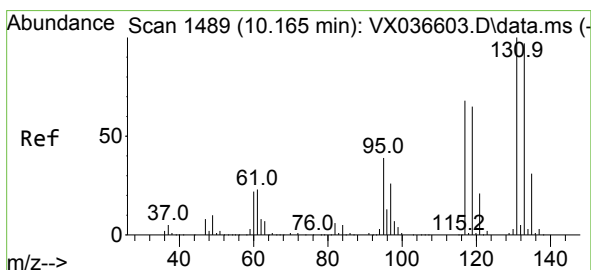
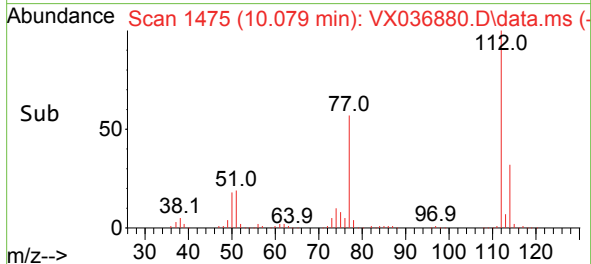
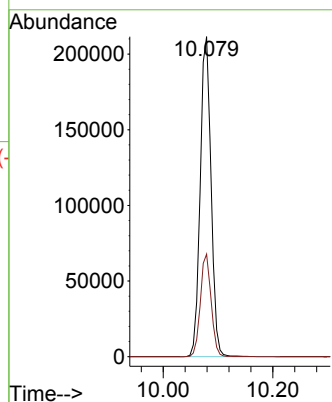
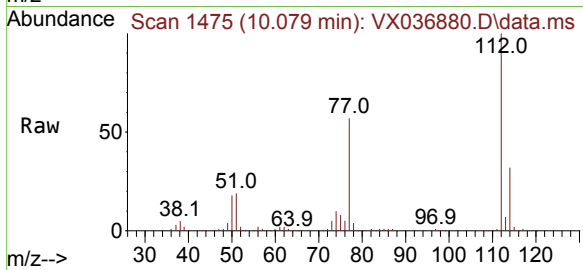




#65
Chlorobenzene
Concen: 55.374 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

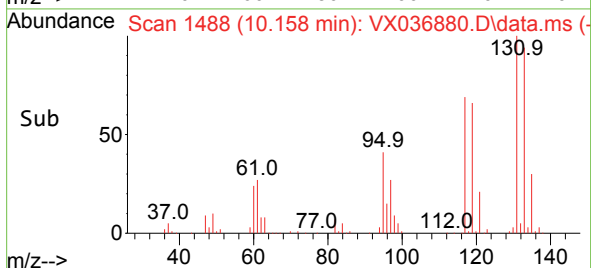
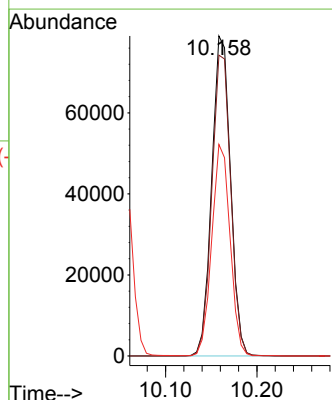
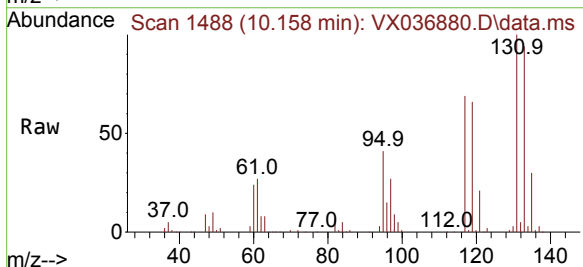
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

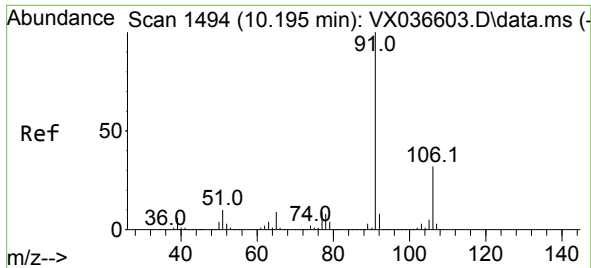
Tgt Ion:112 Resp: 290359
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.444 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:131 Resp: 112371
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 64.7 32.2 96.6

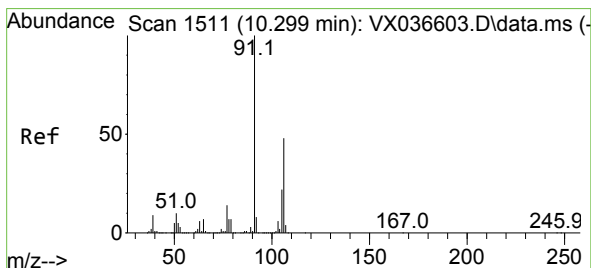
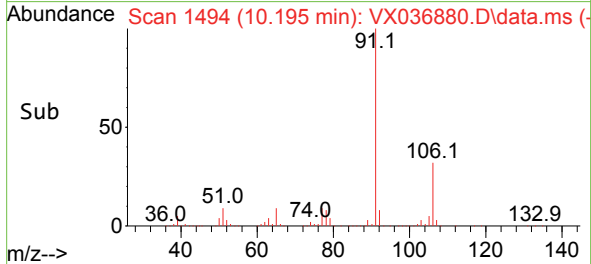
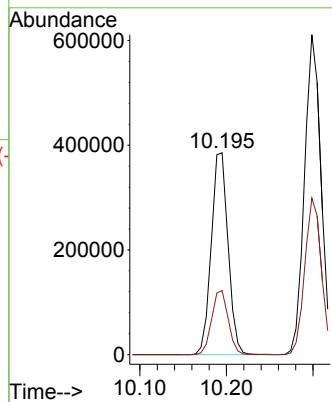
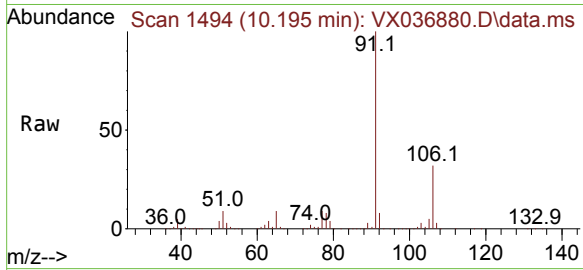




#67
Ethyl Benzene
Concen: 54.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

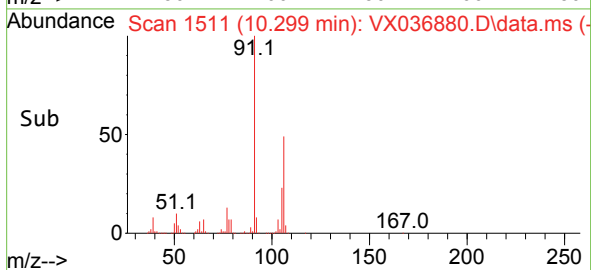
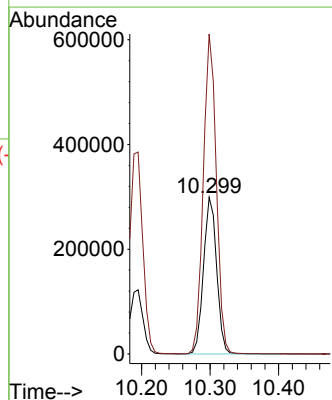
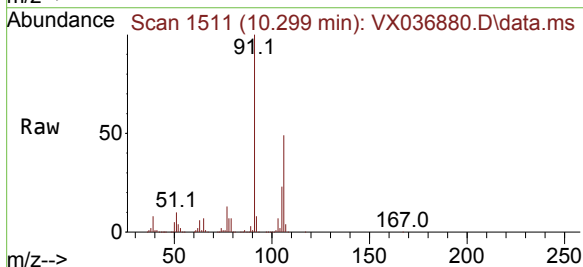
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

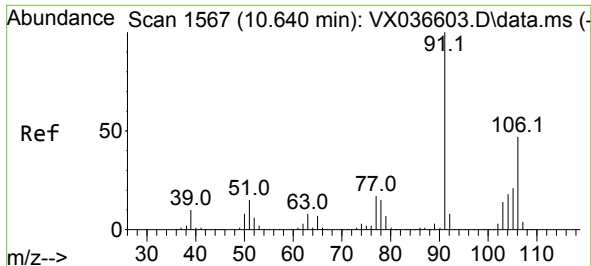
Tgt Ion: 91 Resp: 520291
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 111.765 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 106 Resp: 399460
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3

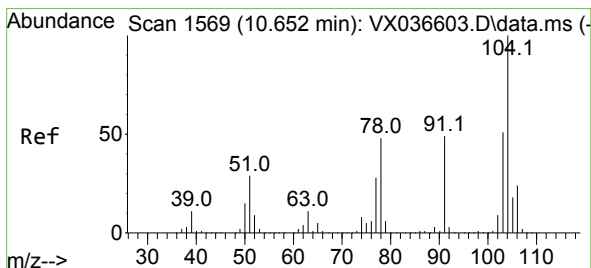
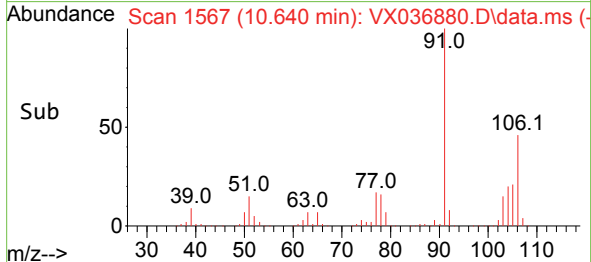
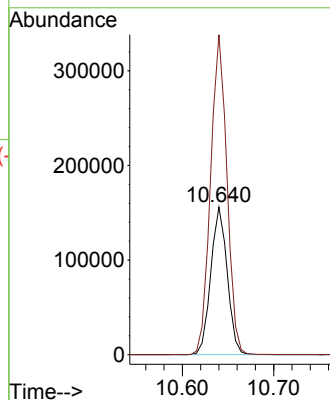
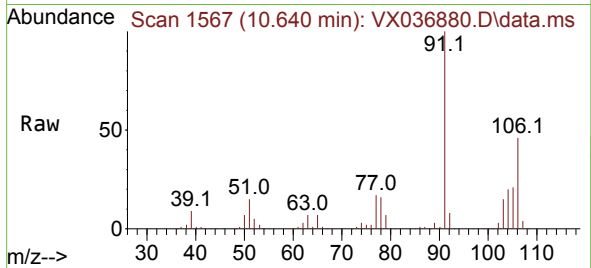




#69
o-Xylene
Concen: 54.402 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

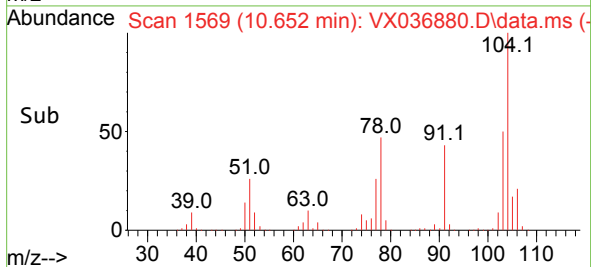
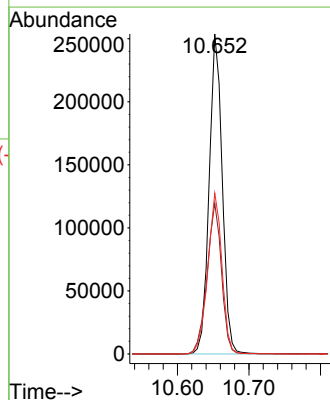
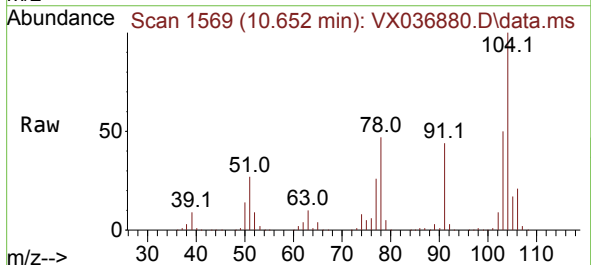
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

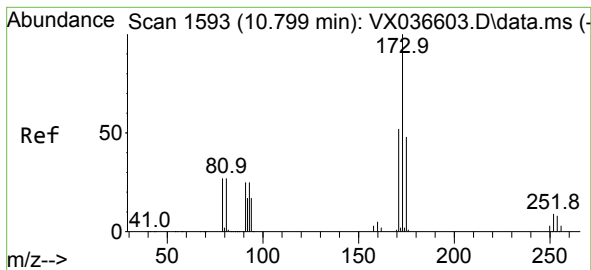
Tgt Ion:106 Resp: 194082
Ion Ratio Lower Upper
106 100
91 216.0 108.9 326.8



#70
Styrene
Concen: 54.992 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion:104 Resp: 323684
Ion Ratio Lower Upper
104 100
78 52.0 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 54.137 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

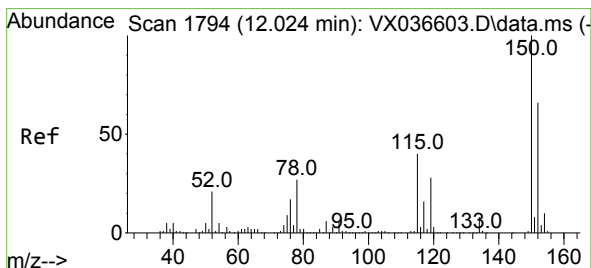
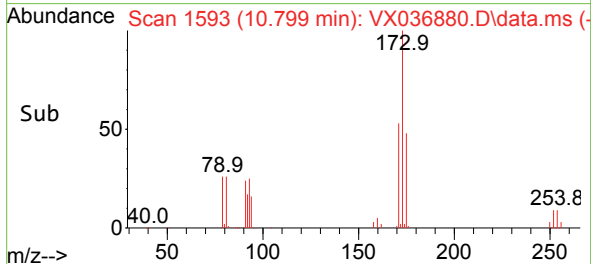
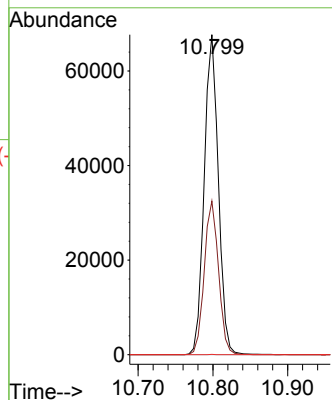
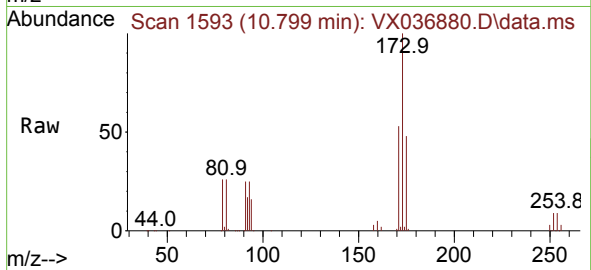
Tgt Ion:173 Resp: 88818

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

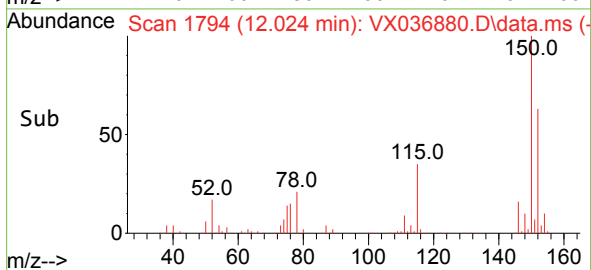
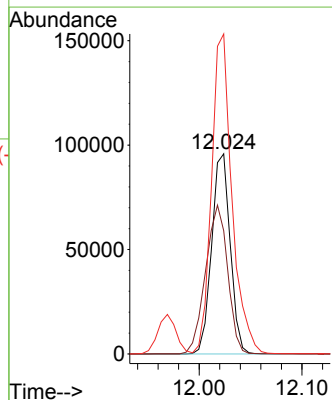
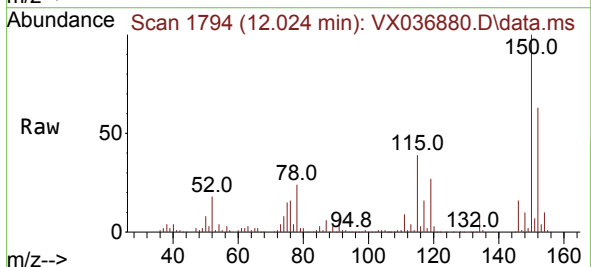
Tgt Ion:152 Resp: 120289

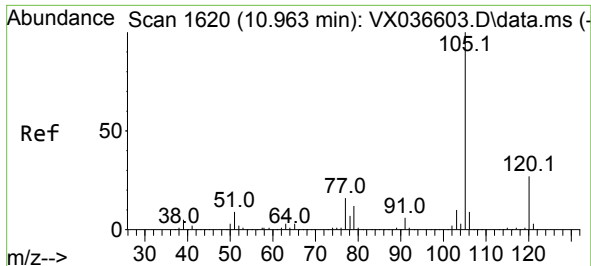
Ion Ratio Lower Upper

152 100

115 88.7 43.3 129.9

150 175.9 0.0 345.0

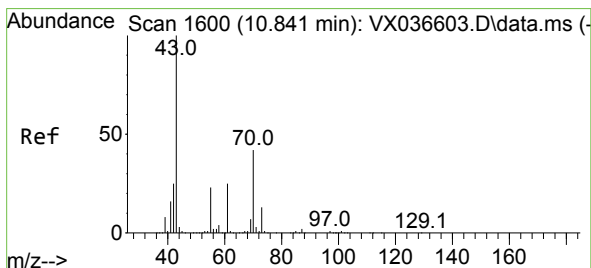
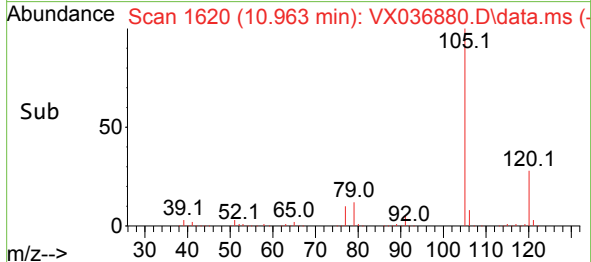
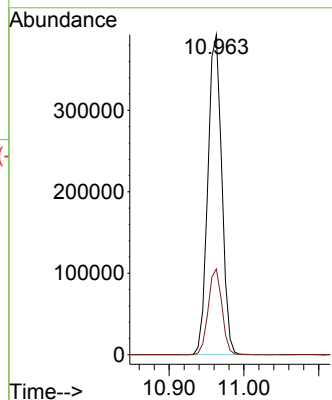
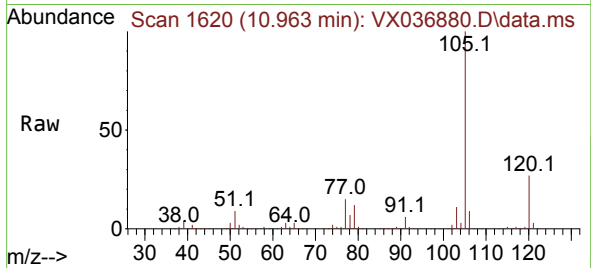




#73
Isopropylbenzene
Concen: 50.812 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

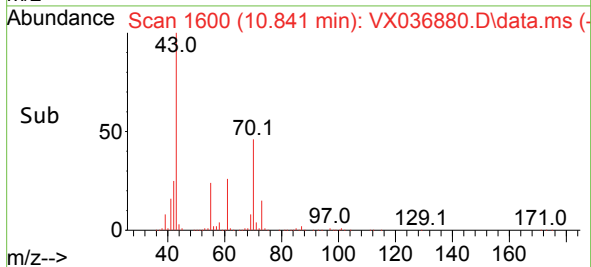
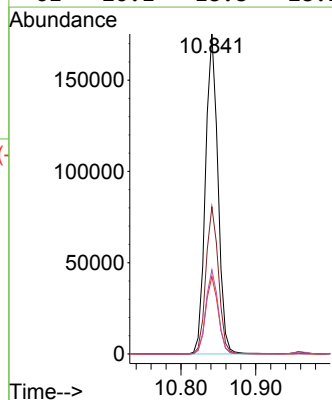
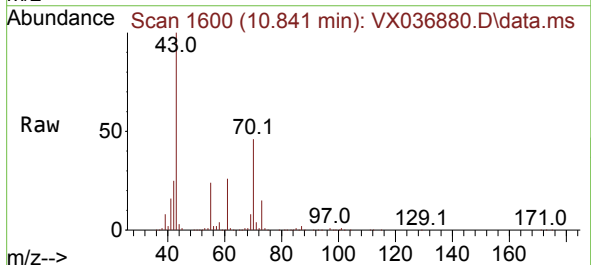
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 505833
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 43.672 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 43 Resp: 202738
Ion Ratio Lower Upper
43 100
70 46.3 32.9 49.3
55 24.4 19.3 28.9
61 26.1 18.8 28.2

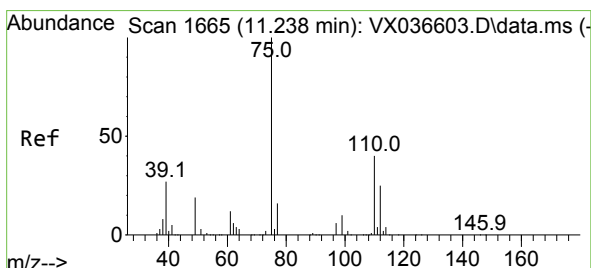
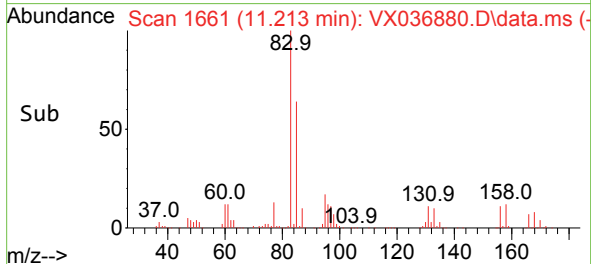
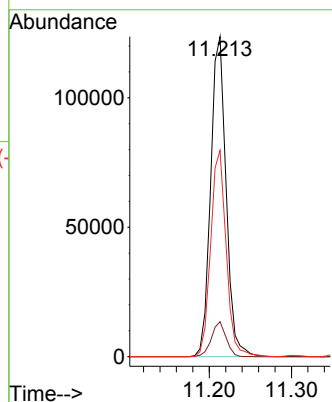
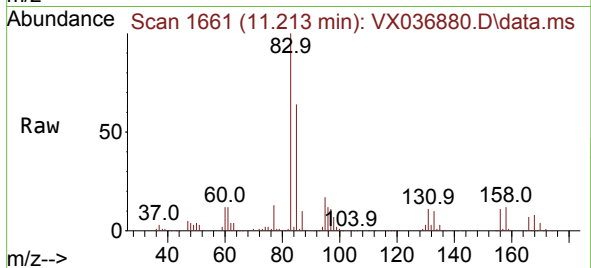




#75
1,1,2,2-Tetrachloroethane
Concen: 47.995 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

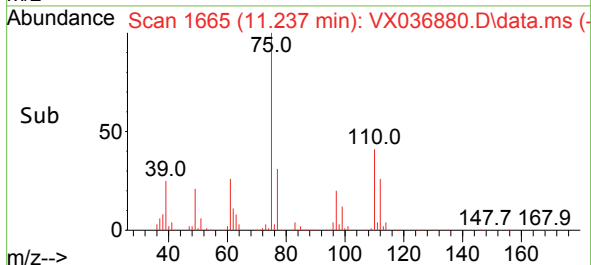
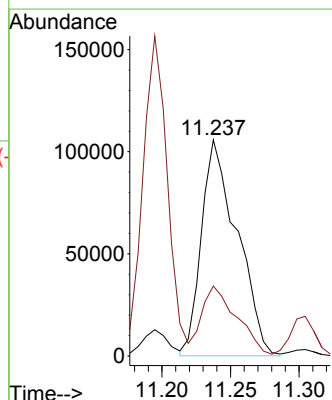
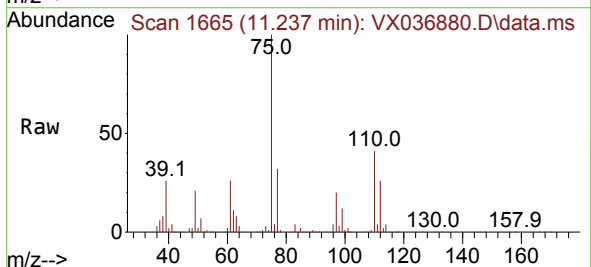
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 161374
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 64.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 67.778 ug/l
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 75 Resp: 191766
Ion Ratio Lower Upper
75 100
77 31.9 19.1 57.5





#77

Bromobenzene

Concen: 53.072 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

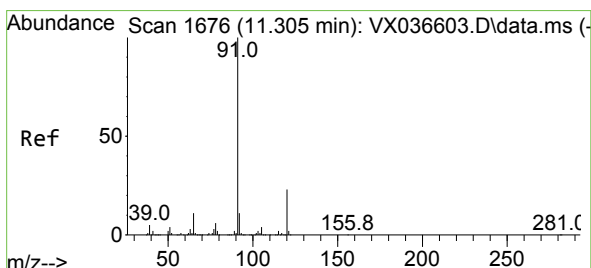
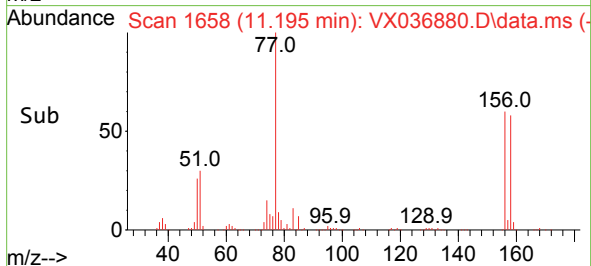
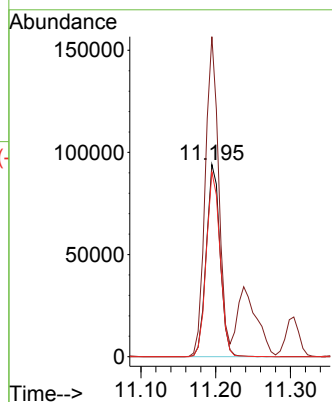
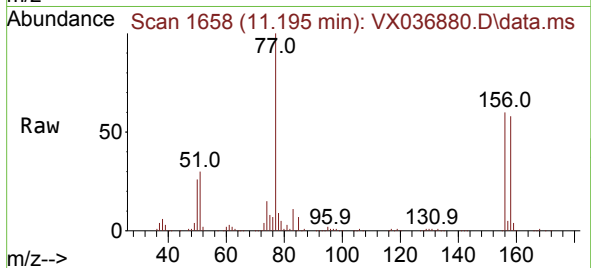
Tgt Ion:156 Resp: 120320

Ion Ratio Lower Upper

156 100

77 163.0 88.4 265.3

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 50.524 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036880.D

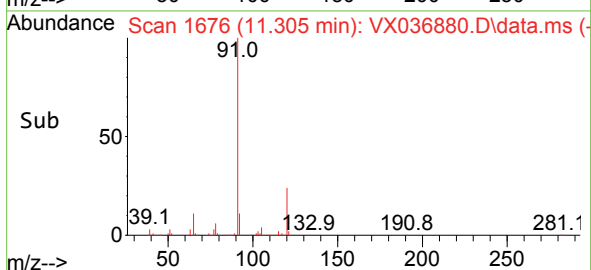
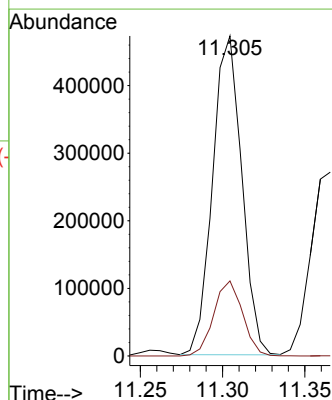
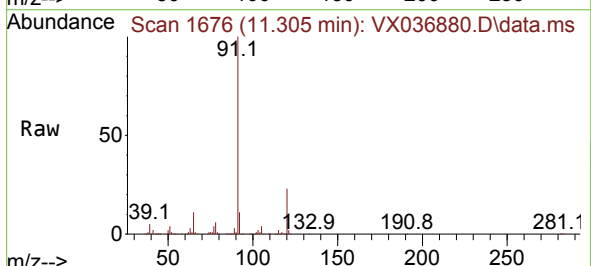
Acq: 09 Aug 2023 10:02

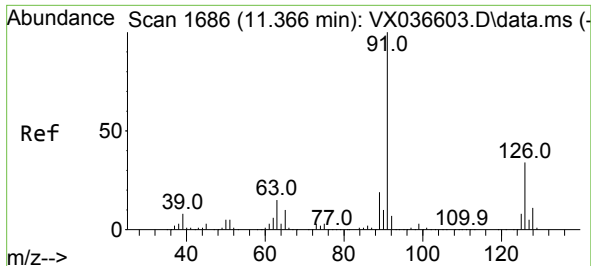
Tgt Ion: 91 Resp: 581689

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

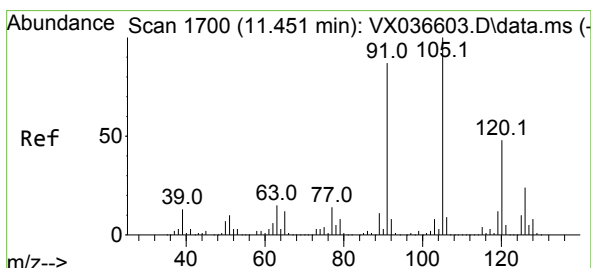
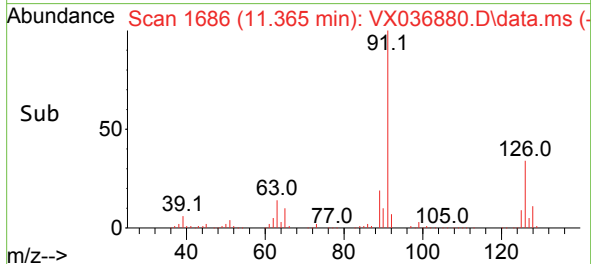
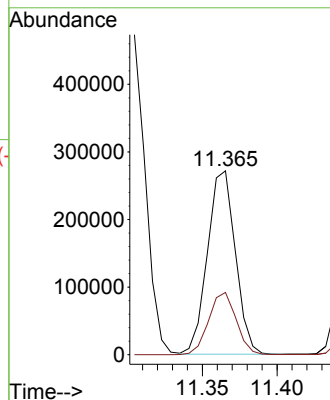
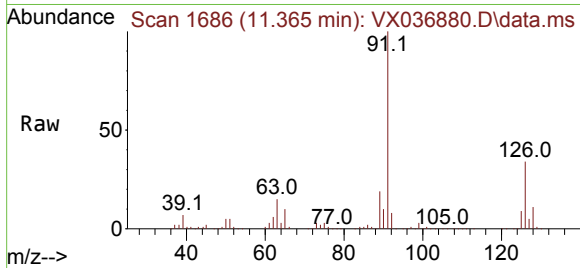




#79
2-Chlorotoluene
Concen: 50.582 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

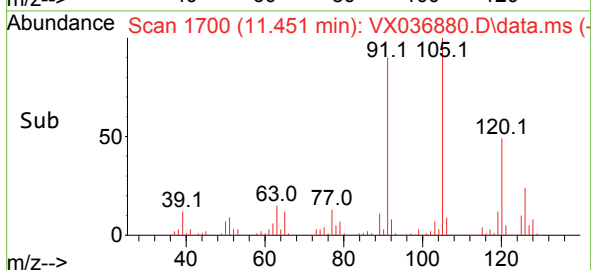
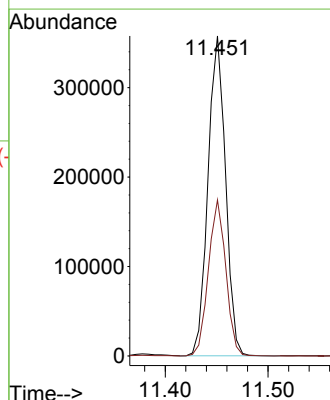
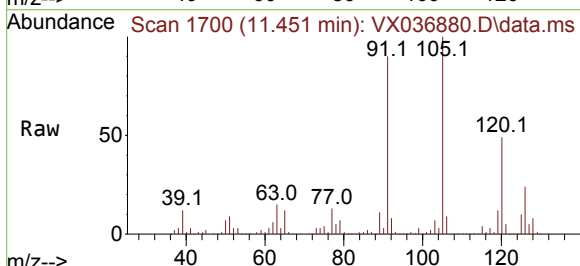
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

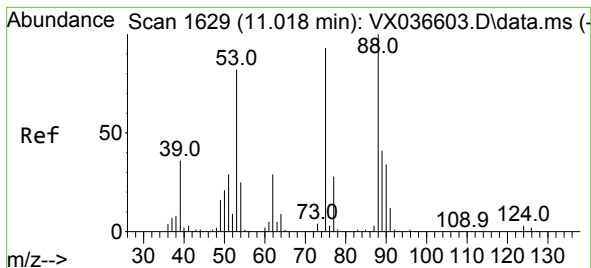
Tgt Ion: 91 Resp: 352880
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.907 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 105 Resp: 423957
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

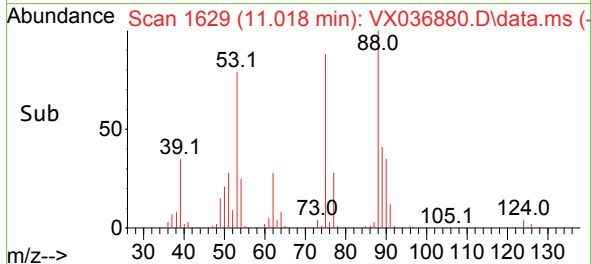
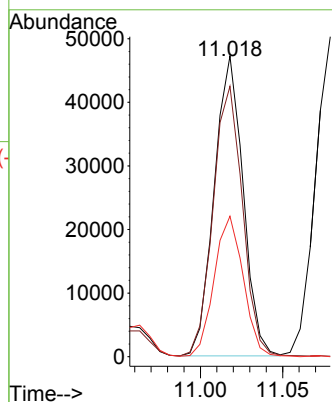
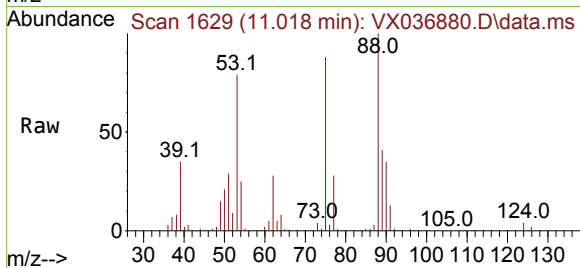




#81
trans-1,4-Dichloro-2-butene
Concen: 46.186 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

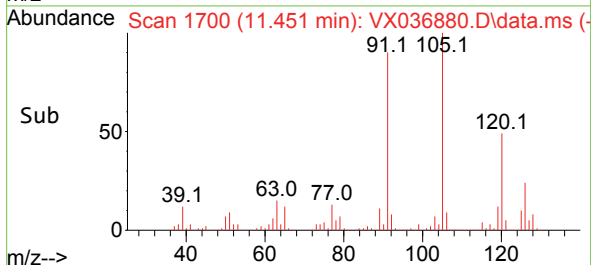
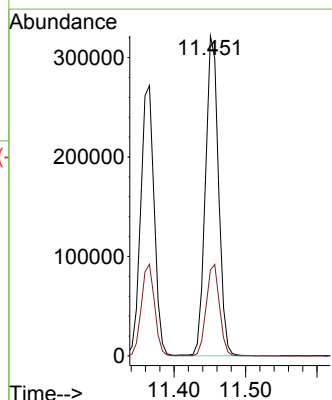
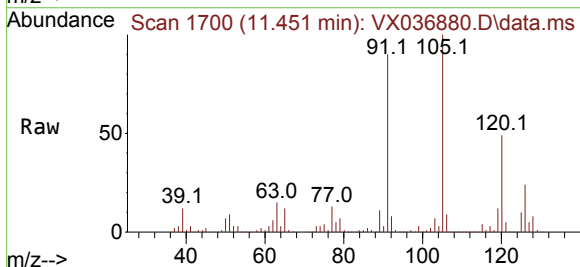
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 57654
Ion Ratio Lower Upper
75 100
53 92.1 90.5 135.7
89 47.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.488 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 91 Resp: 409276
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.986 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

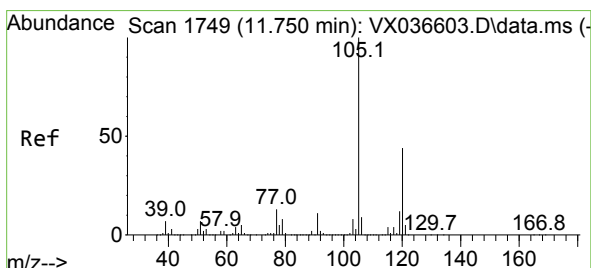
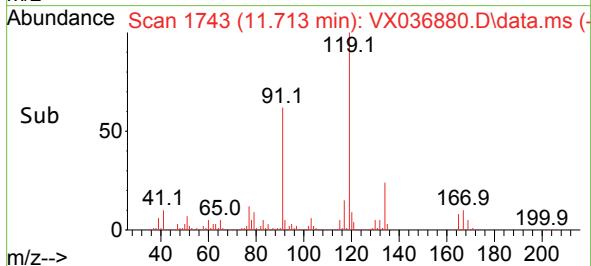
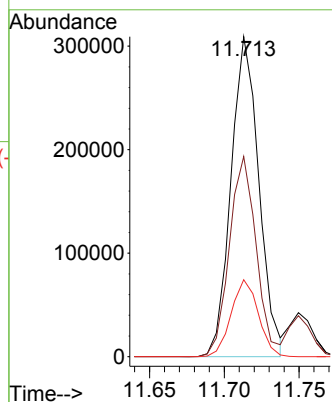
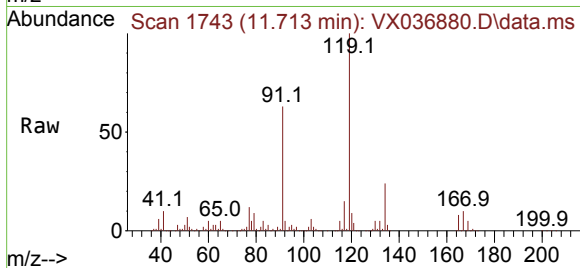
Tgt Ion:119 Resp: 400776

Ion Ratio Lower Upper

119 100

91 60.4 31.2 93.6

134 23.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.419 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036880.D

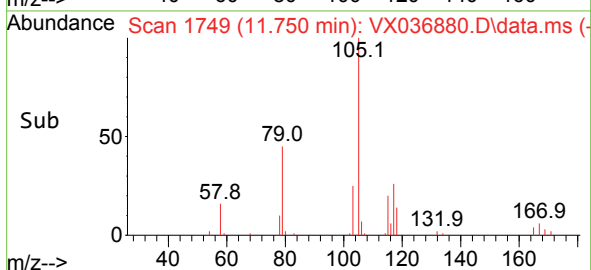
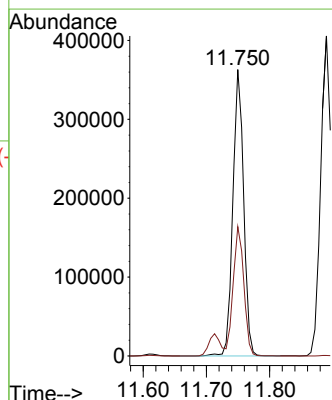
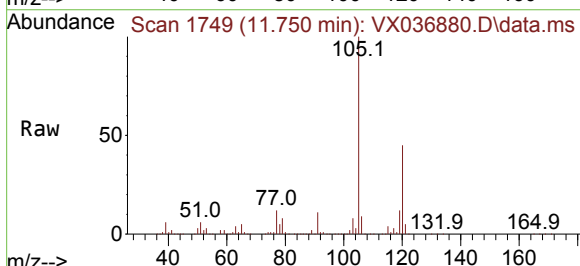
Acq: 09 Aug 2023 10:02

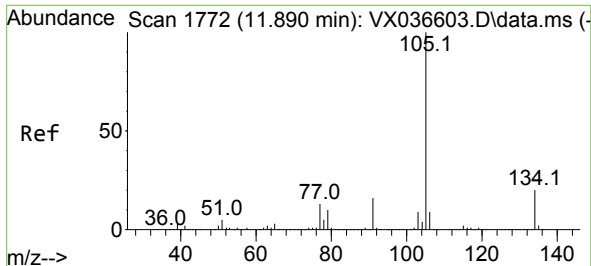
Tgt Ion:105 Resp: 428253

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6

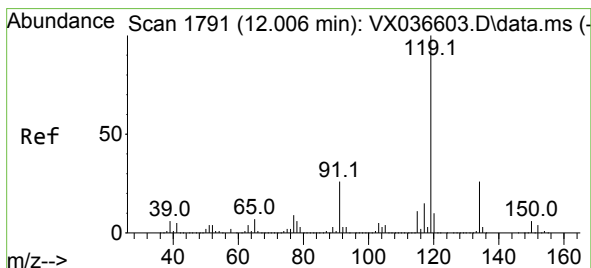
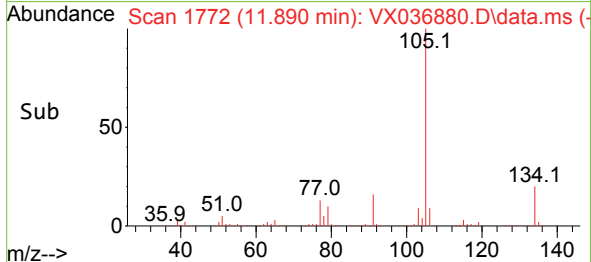
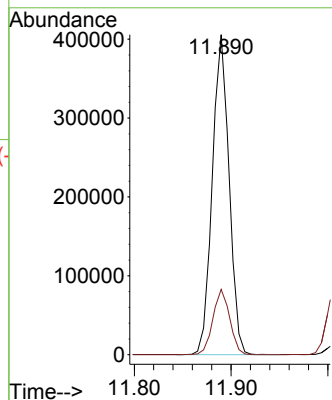
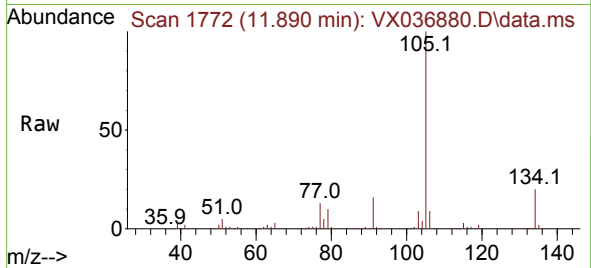




#85
 sec-Butylbenzene
 Concen: 47.821 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

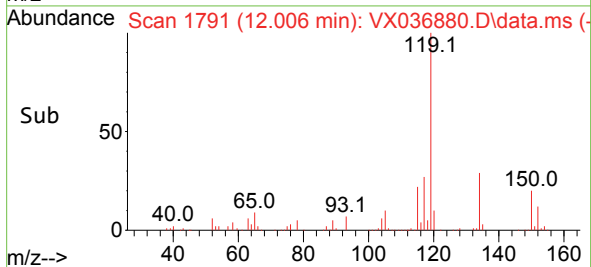
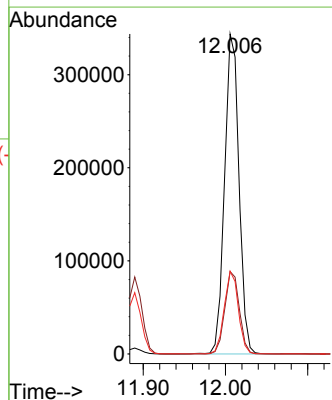
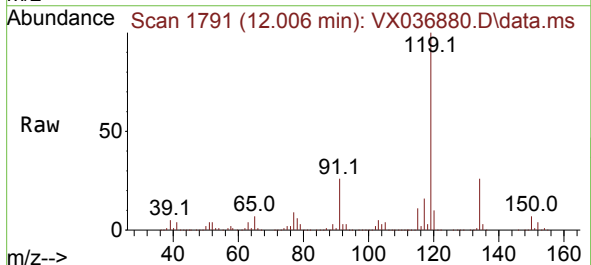
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 487926
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.910 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036880.D
 Acq: 09 Aug 2023 10:02

Tgt Ion:119 Resp: 419021
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.543 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

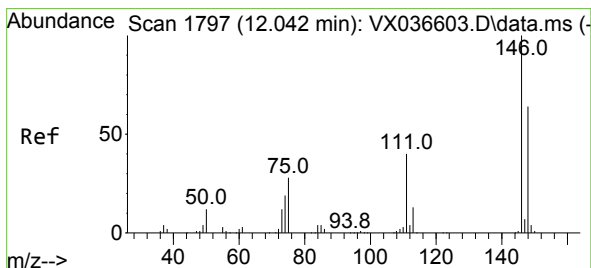
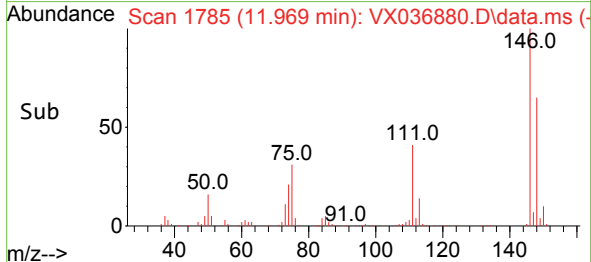
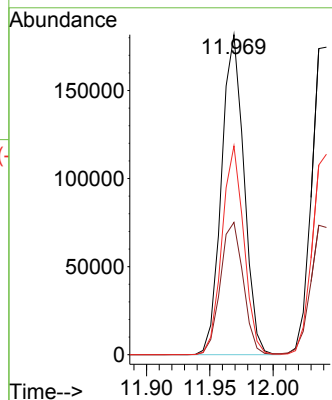
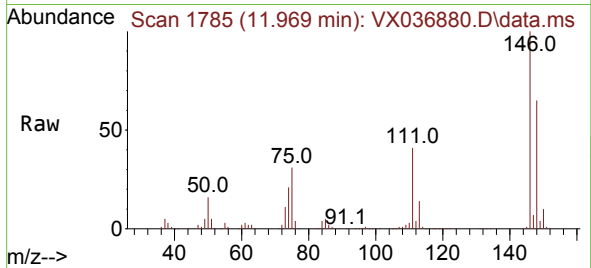
Tgt Ion:146 Resp: 224823

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.974 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

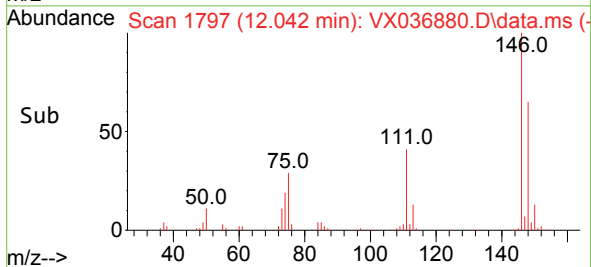
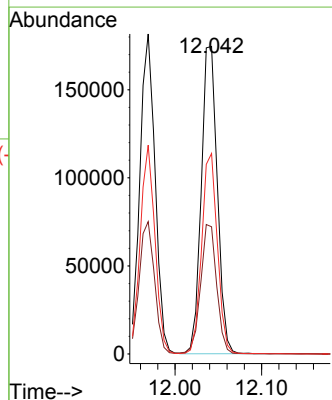
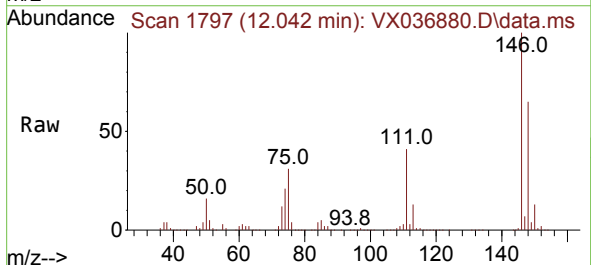
Tgt Ion:146 Resp: 224912

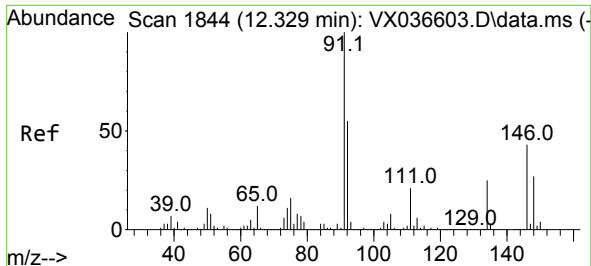
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 63.8 31.8 95.4

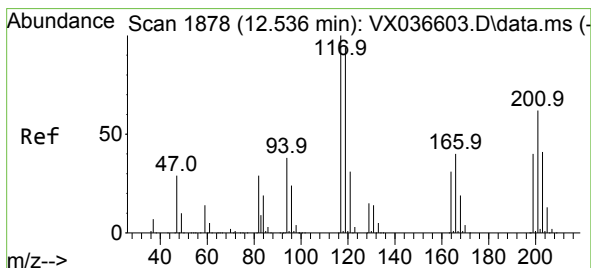
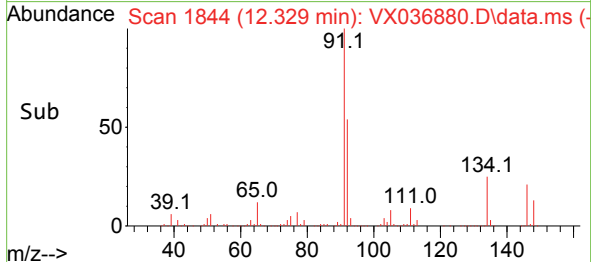
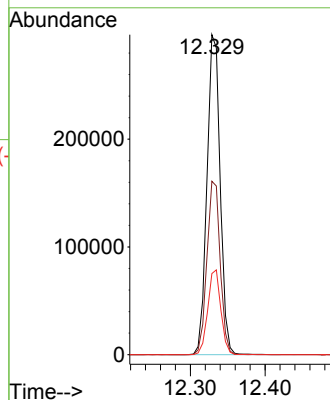
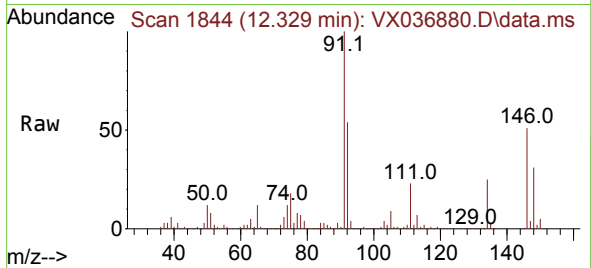




#89
n-Butylbenzene
Concen: 48.376 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

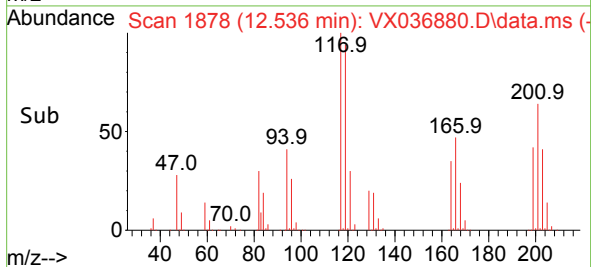
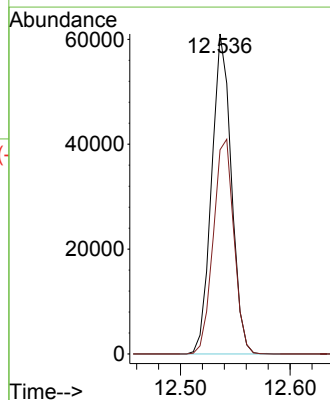
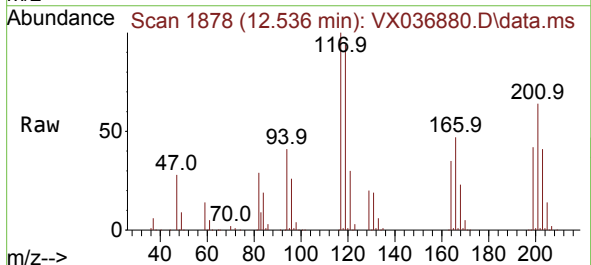
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

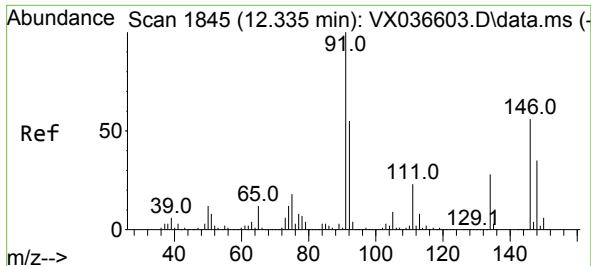
Tgt Ion: 91 Resp: 363575
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 26.2 12.6 37.8



#90
Hexachloroethane
Concen: 44.859 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 117 Resp: 76351
Ion Ratio Lower Upper
117 100
201 70.2 32.9 98.6

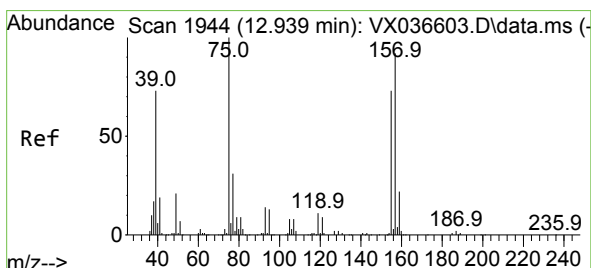
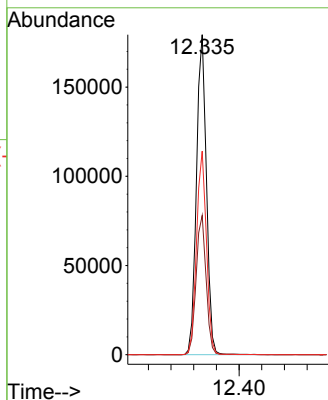
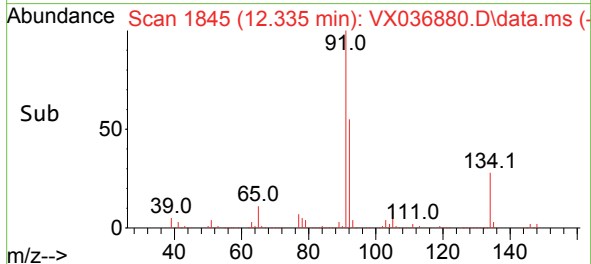
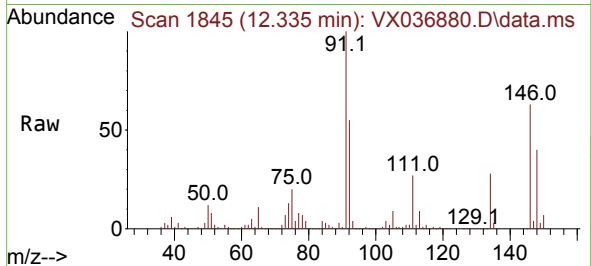




#91
1,2-Dichlorobenzene
Concen: 53.812 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

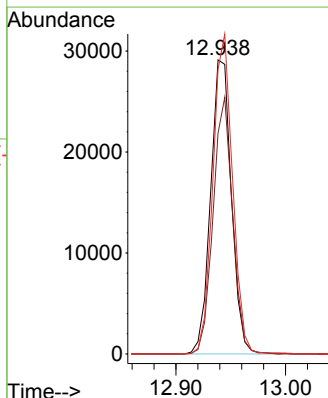
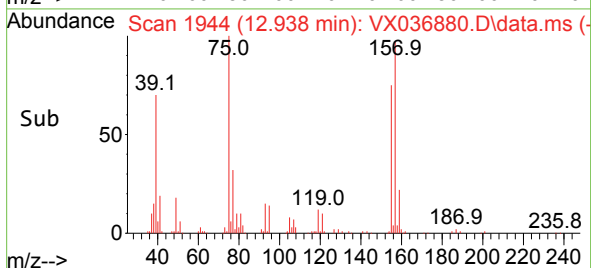
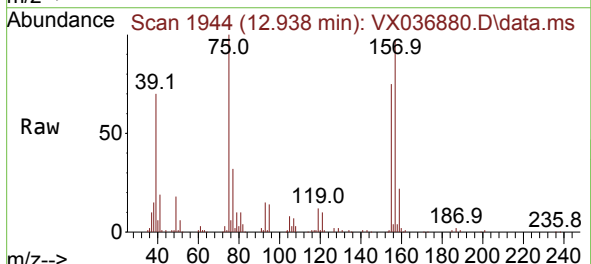
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

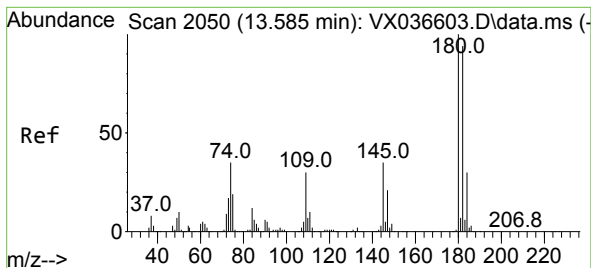
Tgt Ion:146 Resp: 218042
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 63.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.099 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036880.D
Acq: 09 Aug 2023 10:02

Tgt Ion: 75 Resp: 38362
Ion Ratio Lower Upper
75 100
155 82.1 36.1 108.5
157 103.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.889 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

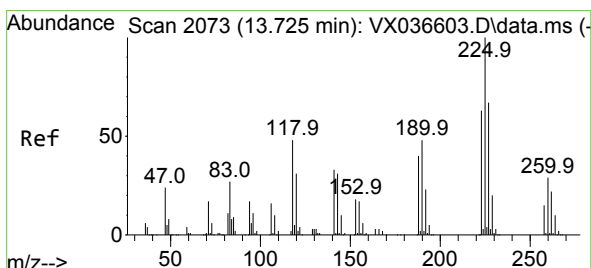
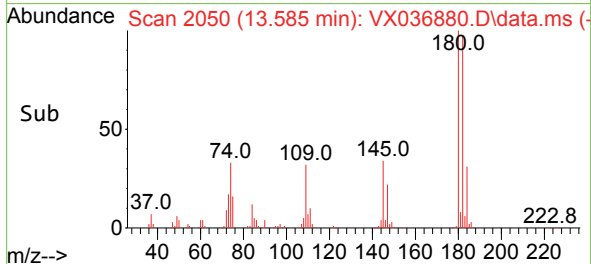
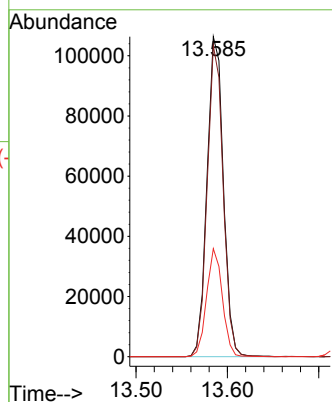
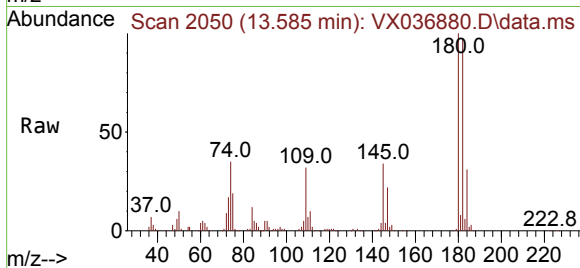
Tgt Ion:180 Resp: 132031

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 32.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.667 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

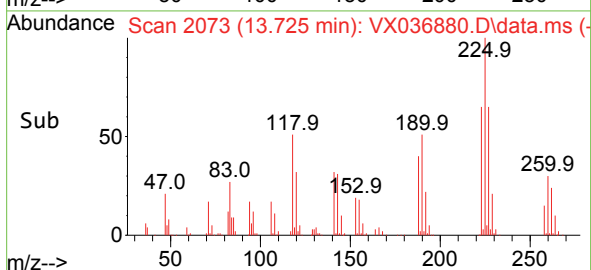
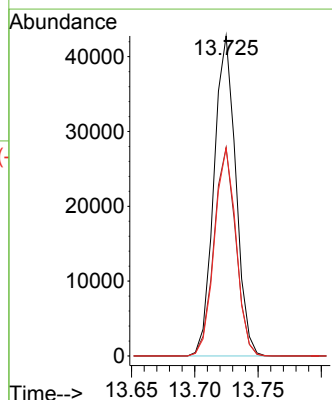
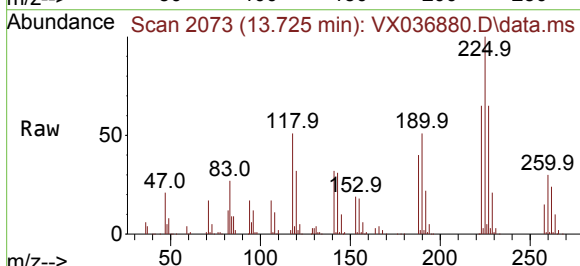
Tgt Ion:225 Resp: 51295

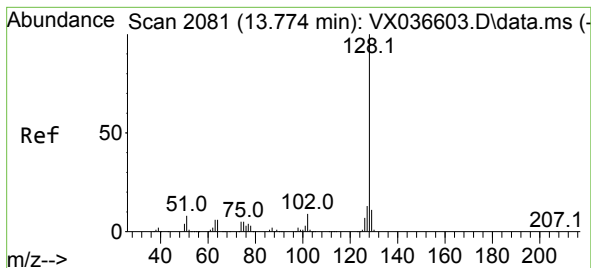
Ion Ratio Lower Upper

225 100

223 64.9 31.1 93.2

227 64.2 32.5 97.5





#95

Naphthalene

Concen: 53.927 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

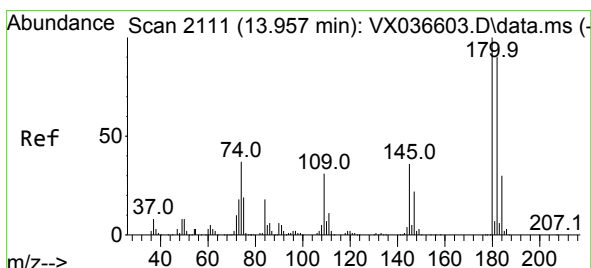
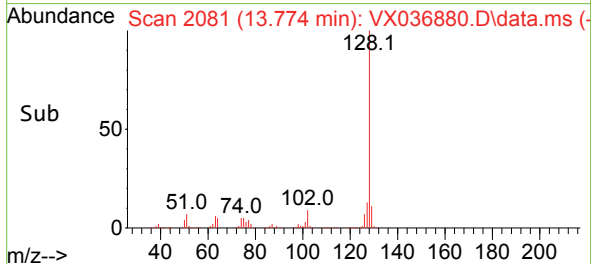
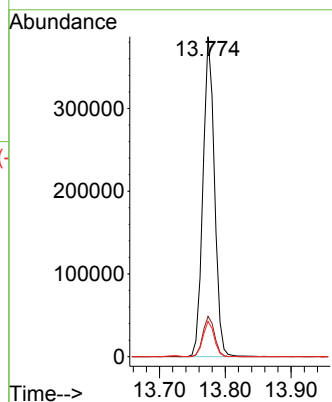
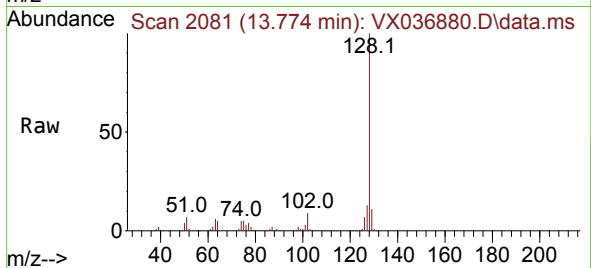
Tgt Ion:128 Resp: 469128

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.594 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036880.D

Acq: 09 Aug 2023 10:02

Tgt Ion:180 Resp: 129405

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 35.3 17.8 53.5

