

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039748.D
 Acq On : 15 Jan 2024 11:41
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 16 01:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	102408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	179897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81062	47.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.500%
35) Dibromofluoromethane	5.379	113	61124	50.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.900%
50) Toluene-d8	8.647	98	222691	48.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	89348	49.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	61976	46.775	ug/l	100
3) Chloromethane	1.295	50	66338	43.840	ug/l	97
4) Vinyl Chloride	1.374	62	64405	45.100	ug/l	99
5) Bromomethane	1.599	94	34380	42.193	ug/l	100
6) Chloroethane	1.673	64	38341	47.229	ug/l	97
7) Trichlorofluoromethane	1.880	101	97395	47.278	ug/l	99
8) Diethyl Ether	2.130	74	38660	50.782	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	61344	48.032	ug/l	100
10) Methyl Iodide	2.447	142	76239	56.585	ug/l	92
11) Tert butyl alcohol	2.977	59	116942	261.875	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	58055	47.101	ug/l	94
13) Acrolein	2.233	56	73071	267.081	ug/l	100
14) Allyl chloride	2.660	41	115079	47.438	ug/l	97
15) Acrylonitrile	3.056	53	224181	243.034	ug/l	99
16) Acetone	2.374	43	238481	247.188	ug/l	93
17) Carbon Disulfide	2.508	76	152764	43.122	ug/l	100
18) Methyl Acetate	2.697	43	99280	49.187	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	222169	50.772	ug/l	98
20) Methylene Chloride	2.788	84	70739	48.474	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	60715	46.809	ug/l	95
22) Diisopropyl ether	3.751	45	232918	50.312	ug/l	99
23) Vinyl Acetate	3.715	43	1090633	253.438	ug/l	100
24) 1,1-Dichloroethane	3.605	63	125265	49.184	ug/l	100
25) 2-Butanone	4.544	43	331281	238.942	ug/l	100
26) 2,2-Dichloropropane	4.465	77	101963	49.882	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	74262	49.918	ug/l	97
28) Bromochloromethane	4.891	49	58718	50.862	ug/l	98
29) Tetrahydrofuran	4.989	42	212072	237.648	ug/l	99
30) Chloroform	5.087	83	127575	50.742	ug/l	99
31) Cyclohexane	5.465	56	105407	46.557	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	106570	49.511	ug/l	99
36) 1,1-Dichloropropene	5.684	75	89386	47.393	ug/l	99
37) Ethyl Acetate	4.703	43	121450	48.269	ug/l	99
38) Carbon Tetrachloride	5.672	117	84083	48.676	ug/l	98
39) Methylcyclohexane	7.373	83	108053	47.710	ug/l	99
40) Benzene	6.032	78	266791	49.955	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 16 01:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	64330	52.283	ug/l	95
42) 1,2-Dichloroethane	6.074	62	103548	50.999	ug/l	99
43) Isopropyl Acetate	6.330	43	190425	51.591	ug/l	99
44) Trichloroethene	7.117	130	66561	50.854	ug/l	96
45) 1,2-Dichloropropane	7.422	63	73687	51.434	ug/l	96
46) Dibromomethane	7.574	93	51441	51.985	ug/l	98
47) Bromodichloromethane	7.818	83	95858	52.305	ug/l	98
48) Methyl methacrylate	7.690	41	91653	50.518	ug/l	93
49) 1,4-Dioxane	7.659	88	36447	1038.216	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	644471	253.524	ug/l	99
52) Toluene	8.714	92	163989	51.409	ug/l	96
53) t-1,3-Dichloropropene	8.970	75	104962	53.974	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	113927	53.278	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	71066	52.327	ug/l	95
56) Ethyl methacrylate	9.110	69	118078	53.719	ug/l	98
57) 1,3-Dichloropropane	9.305	76	119851	52.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278706	268.251	ug/l	97
59) 2-Hexanone	9.427	43	536120	266.475	ug/l	99
60) Dibromochloromethane	9.519	129	71610	55.911	ug/l	99
61) 1,2-Dibromoethane	9.604	107	76298	54.250	ug/l	98
64) Tetrachloroethene	9.269	164	51414	49.187	ug/l	95
65) Chlorobenzene	10.073	112	171381	51.193	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63785	55.955	ug/l	99
67) Ethyl Benzene	10.189	91	318920	51.312	ug/l	98
68) m/p-Xylenes	10.299	106	238910	104.519	ug/l	98
69) o-Xylene	10.640	106	117064	51.714	ug/l	95
70) Styrene	10.653	104	195014	52.738	ug/l	98
71) Bromoform	10.799	173	49690	58.052	ug/l #	99
73) Isopropylbenzene	10.957	105	310841	49.993	ug/l	99
74) N-amyl acetate	10.842	43	175350	54.104	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	123453	51.997	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	138322	68.318	ug/l	89
77) Bromobenzene	11.195	156	72187	52.144	ug/l	96
78) n-propylbenzene	11.299	91	376424	50.020	ug/l	98
79) 2-Chlorotoluene	11.360	91	225929	48.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	270317	51.189	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	36696	53.690	ug/l	95
82) 4-Chlorotoluene	11.451	91	263687	49.981	ug/l	99
83) tert-Butylbenzene	11.713	119	261007	51.771	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	274435	52.091	ug/l	100
85) sec-Butylbenzene	11.890	105	333067	50.893	ug/l	99
86) p-Isopropyltoluene	12.006	119	270731	51.759	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	136086	51.281	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	136521	49.810	ug/l	100
89) n-Butylbenzene	12.329	91	247212	48.934	ug/l	97
90) Hexachloroethane	12.536	117	46877	53.124	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	133162	50.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29676	51.008	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	77659	48.438	ug/l	98
94) Hexachlorobutadiene	13.725	225	32641	48.976	ug/l	96
95) Naphthalene	13.774	128	301540	51.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80221	49.577	ug/l	99

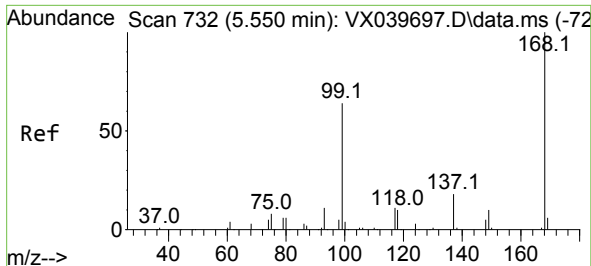
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
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Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

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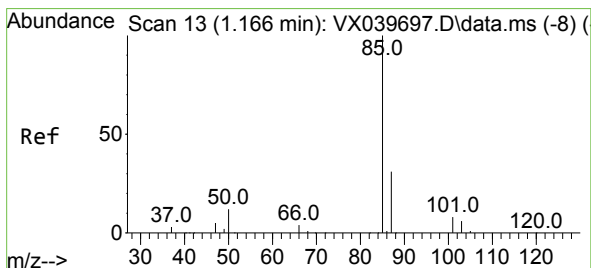
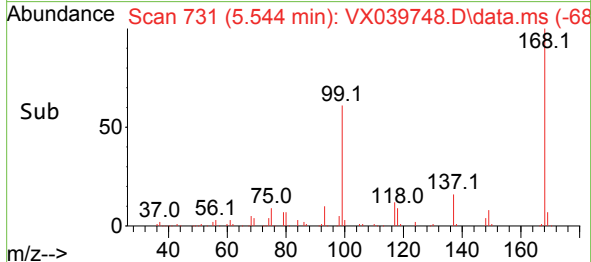
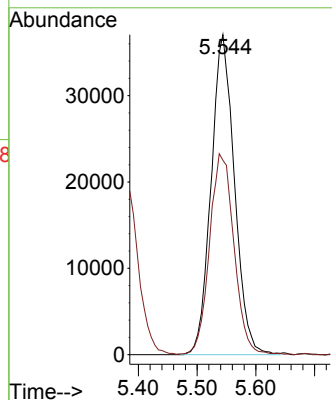
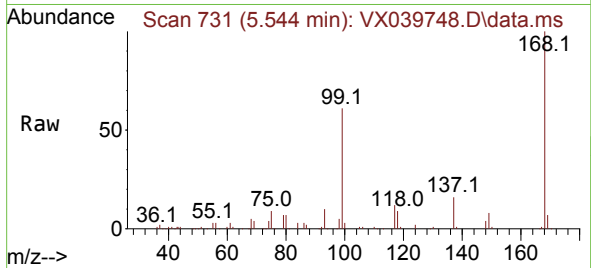
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

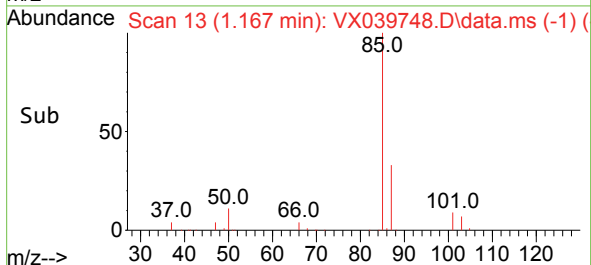
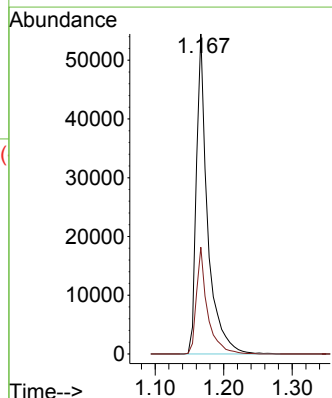
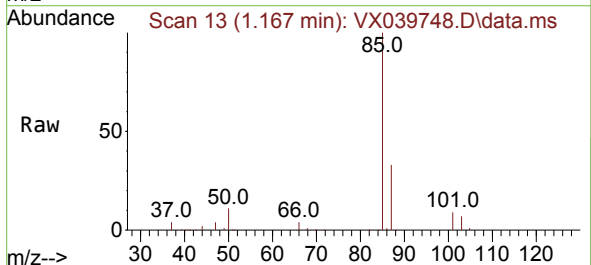
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

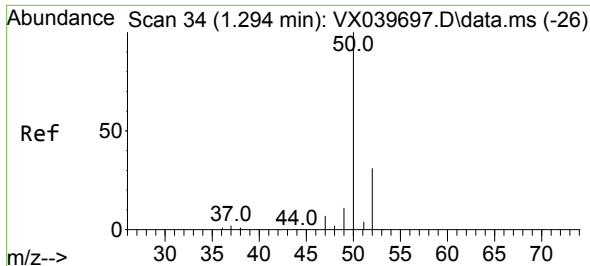
Tgt Ion:168 Resp: 102408
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 46.775 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 85 Resp: 61976
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1

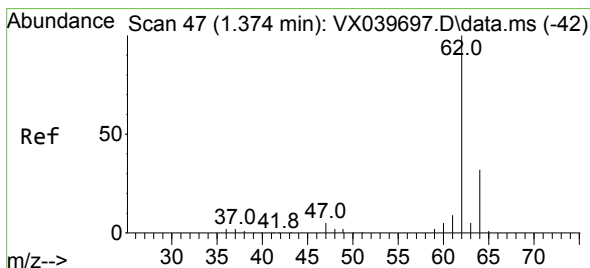
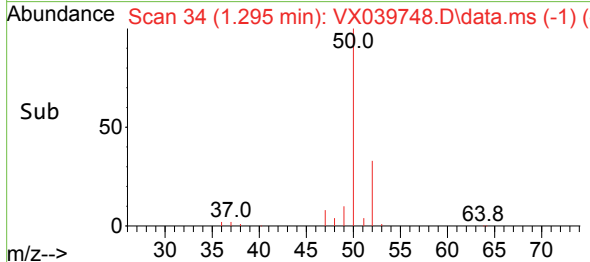
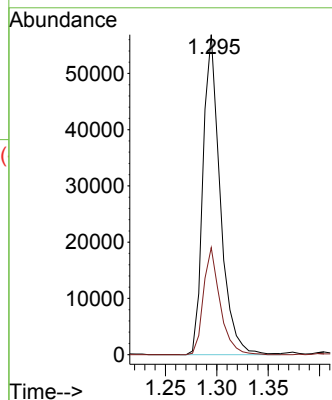
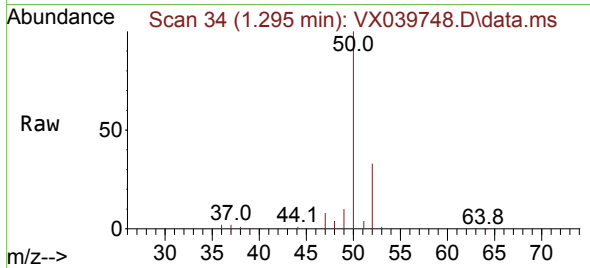




#3
Chloromethane
Concen: 43.840 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

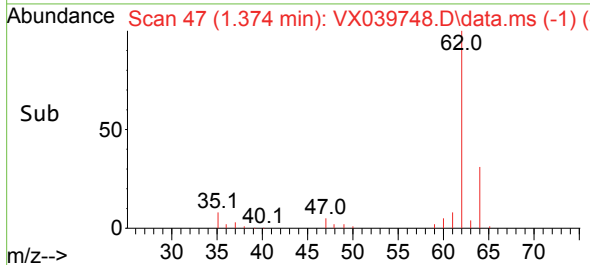
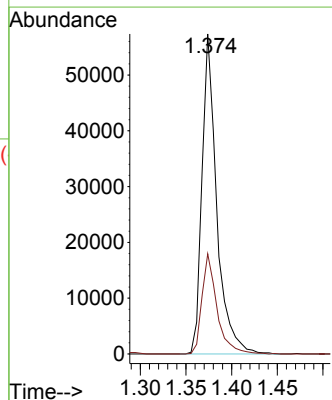
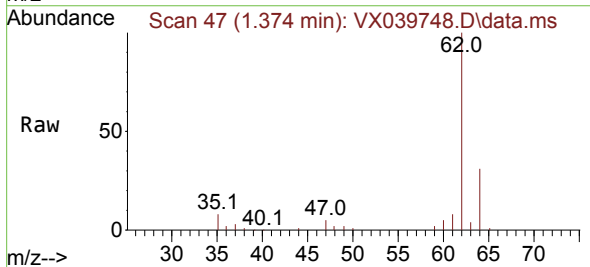
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

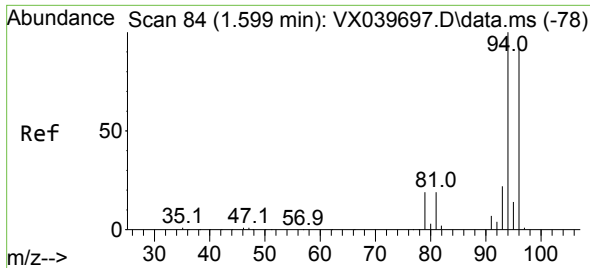
Tgt Ion: 50 Resp: 66338
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3



#4
Vinyl Chloride
Concen: 45.100 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 62 Resp: 64405
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

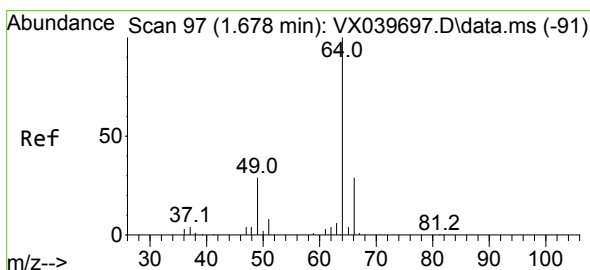
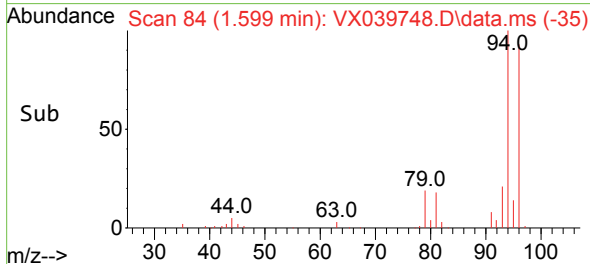
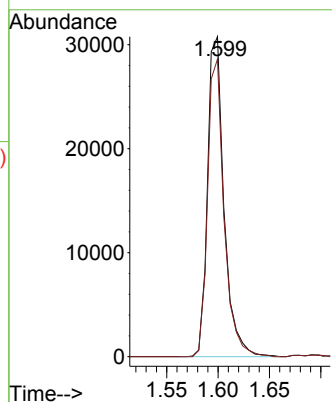
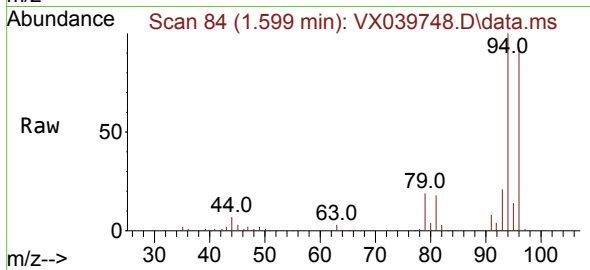




#5
Bromomethane
Concen: 42.193 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

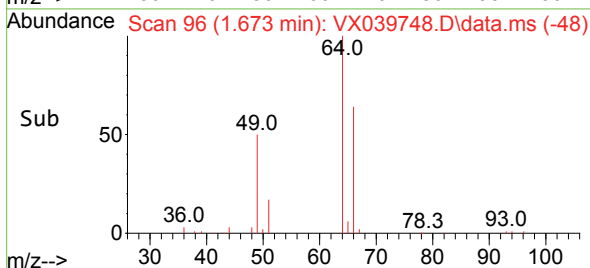
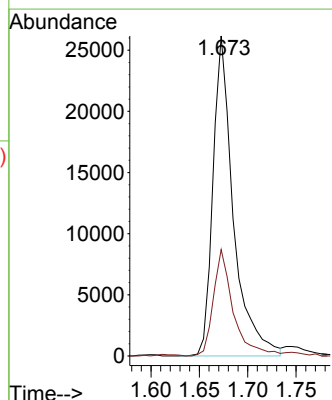
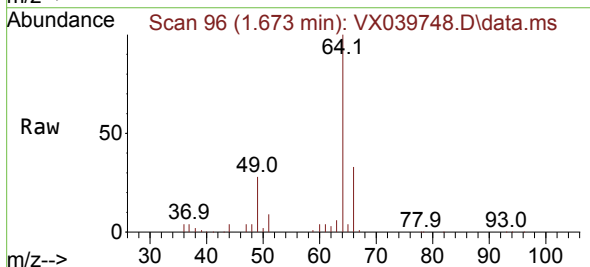
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

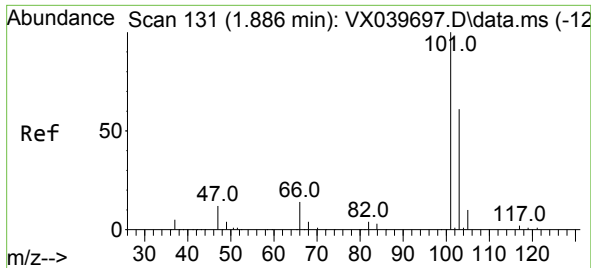
Tgt Ion: 94 Resp: 34380
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8



#6
Chloroethane
Concen: 47.229 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 64 Resp: 38341
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7

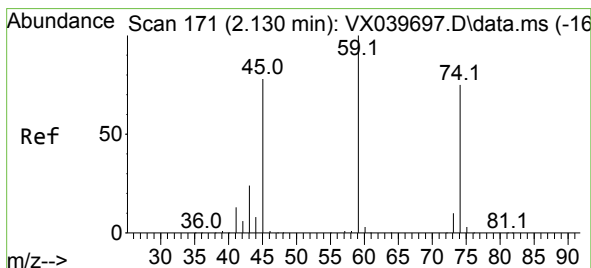
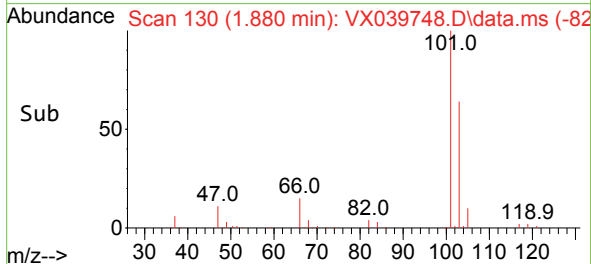
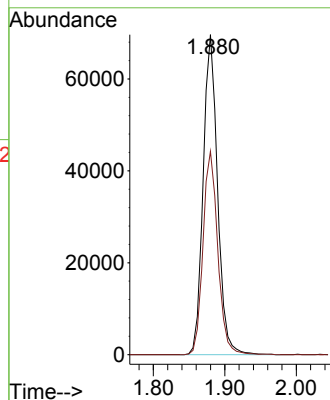
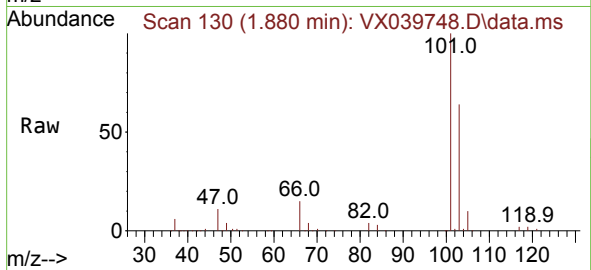




#7
Trichlorofluoromethane
Concen: 47.278 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

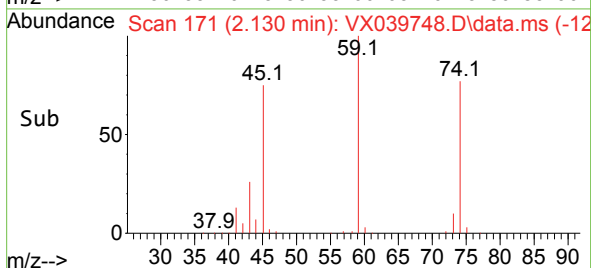
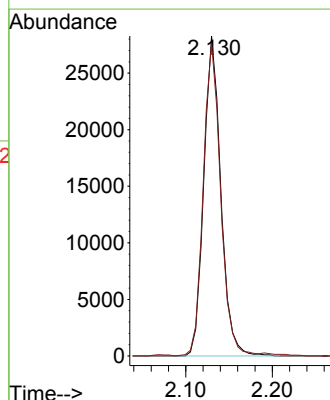
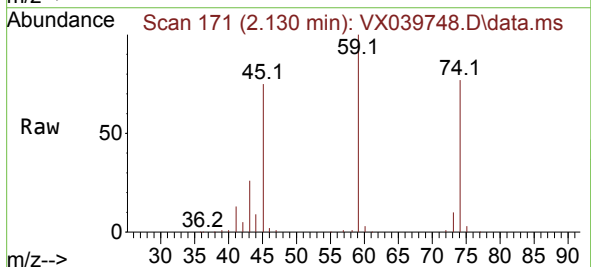
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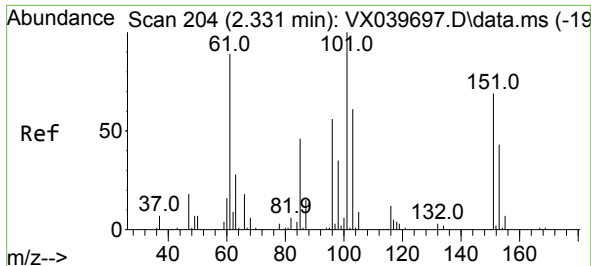
Tgt Ion:101 Resp: 97395
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2



#8
Diethyl Ether
Concen: 50.782 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 74 Resp: 38660
Ion Ratio Lower Upper
74 100
45 99.6 53.3 159.8

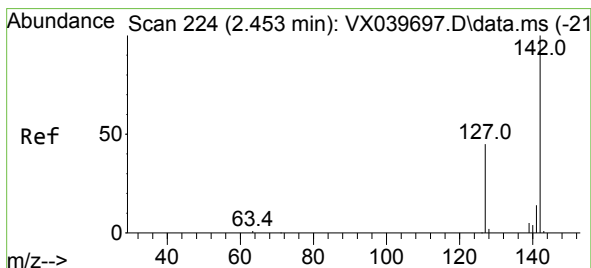
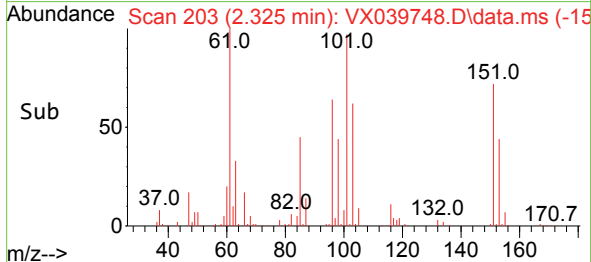
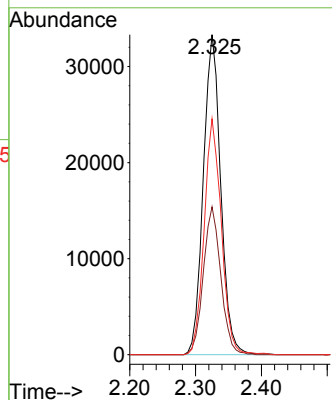
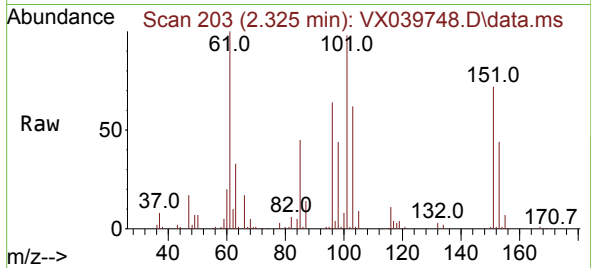




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.032 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX039748.D
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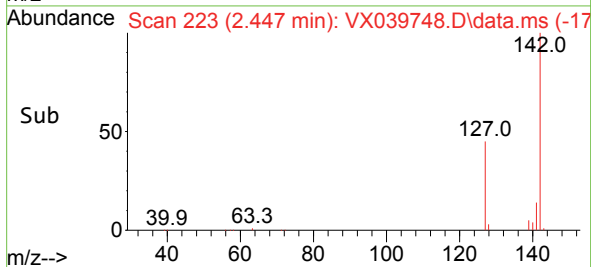
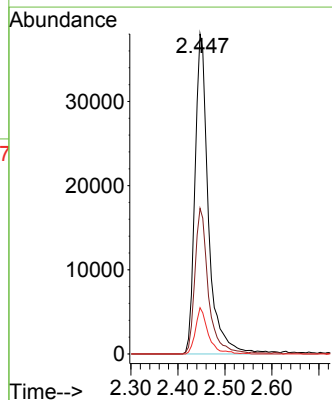
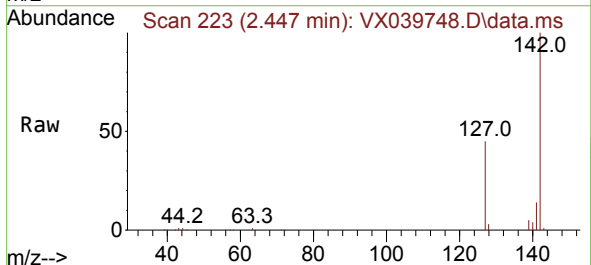
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

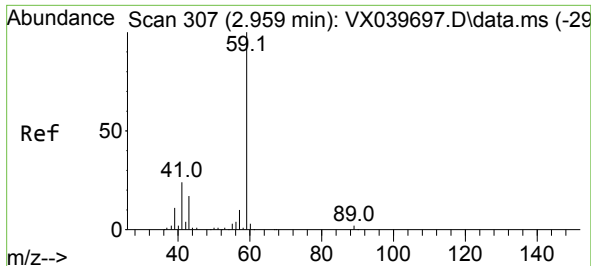
Tgt Ion:101 Resp: 61344
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 72.9 58.6 87.8



#10
Methyl Iodide
Concen: 56.585 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:142 Resp: 76239
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 13.6 11.6 17.4

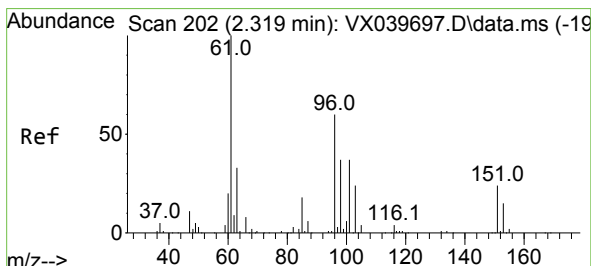
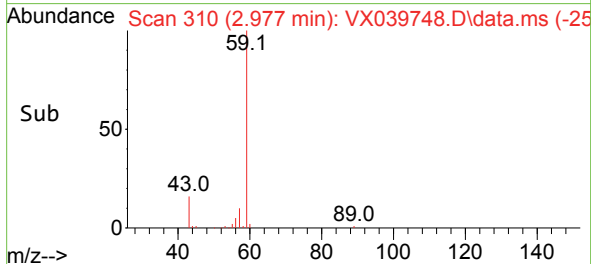
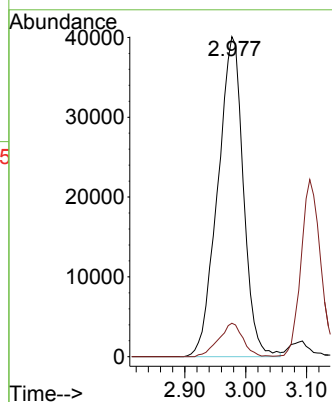
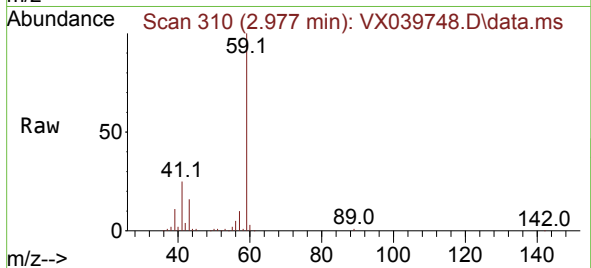




#11
Tert butyl alcohol
Concen: 261.875 ug/l
RT: 2.977 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

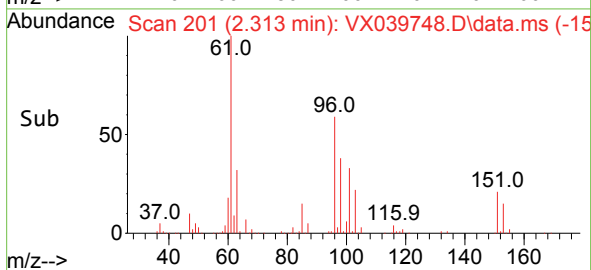
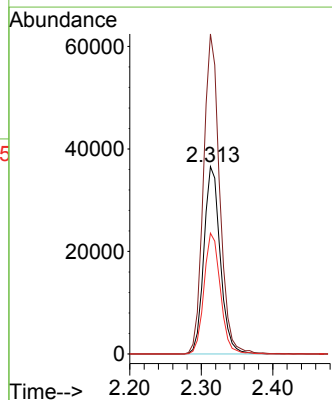
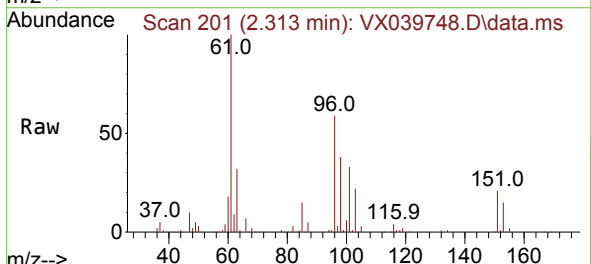
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

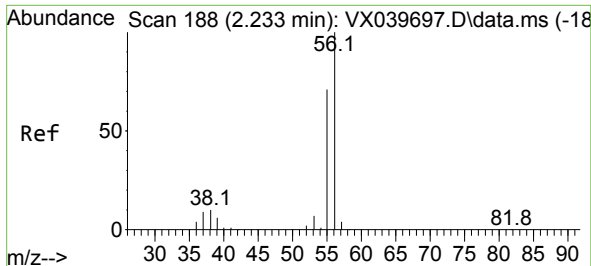
Tgt Ion: 59 Resp: 116942
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 47.101 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 96 Resp: 58055
Ion Ratio Lower Upper
96 100
61 170.8 144.6 216.8
98 64.5 50.4 75.6





#13

Acrolein

Concen: 267.081 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

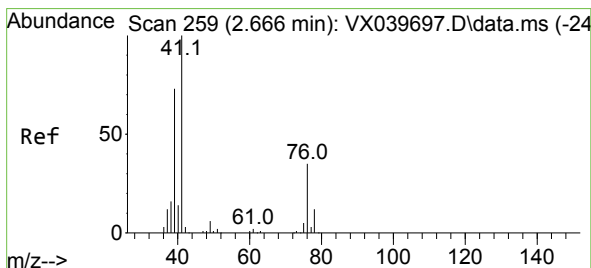
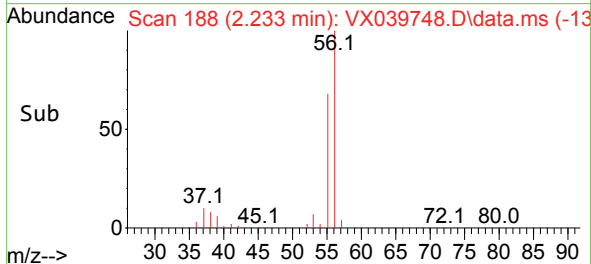
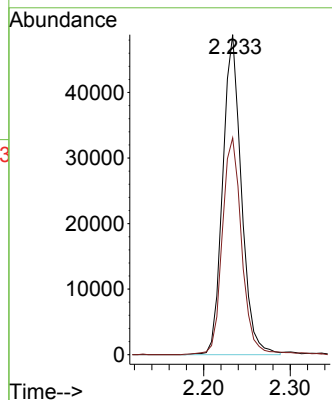
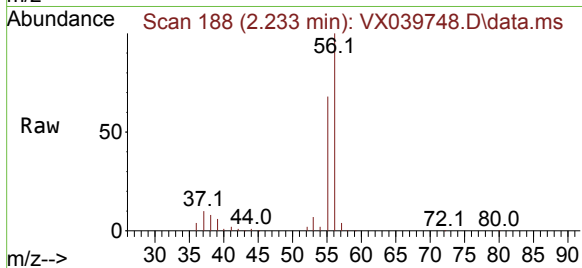
VSTDCCC050

Tgt Ion: 56 Resp: 73071

Ion Ratio Lower Upper

56 100

55 71.0 57.1 85.7



#14

Allyl chloride

Concen: 47.438 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

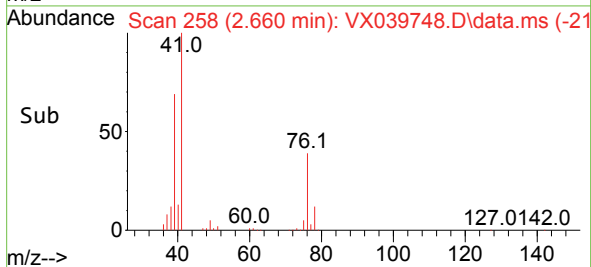
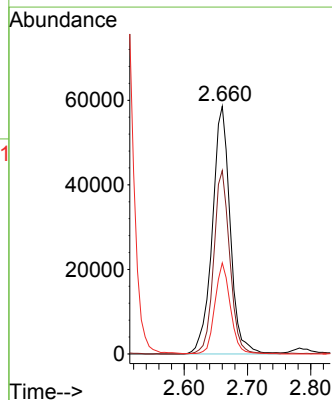
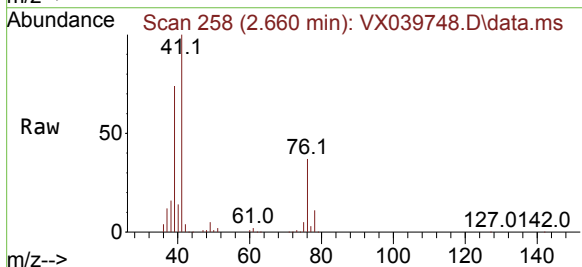
Tgt Ion: 41 Resp: 115079

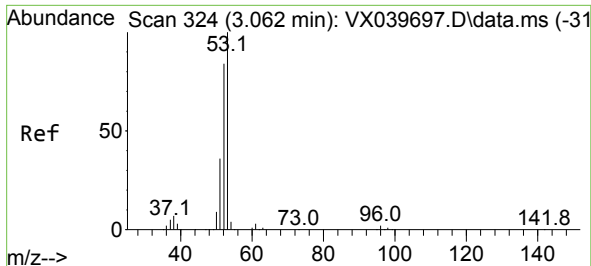
Ion Ratio Lower Upper

41 100

39 66.5 55.8 83.6

76 31.7 24.3 36.5

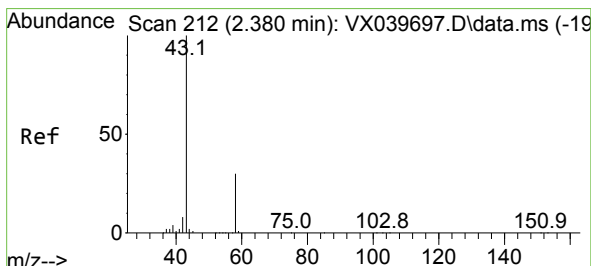
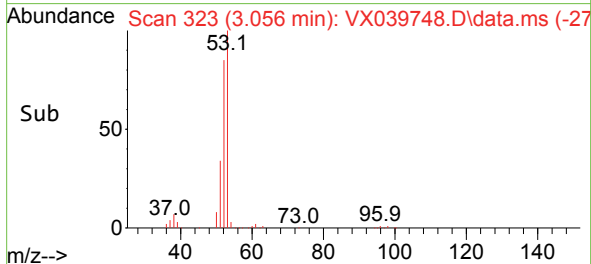
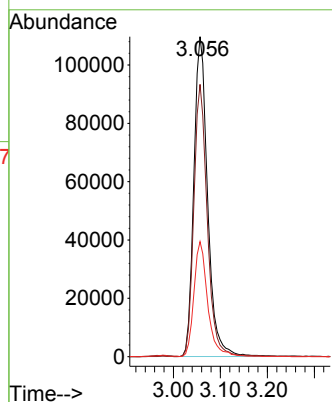
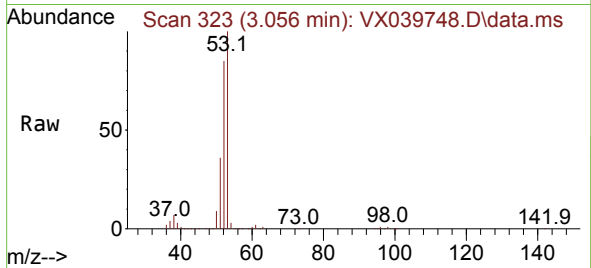




#15
Acrylonitrile
Concen: 243.034 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

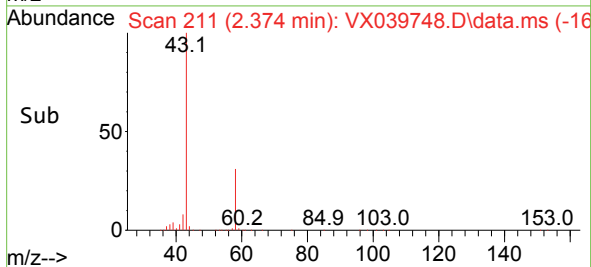
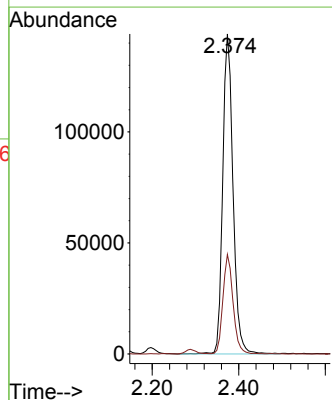
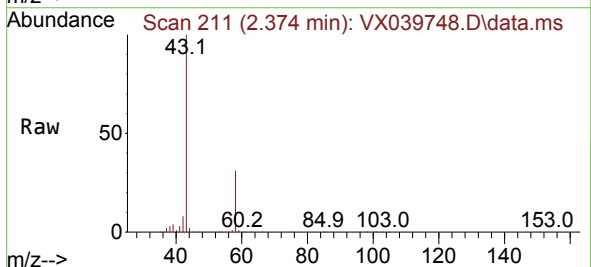
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

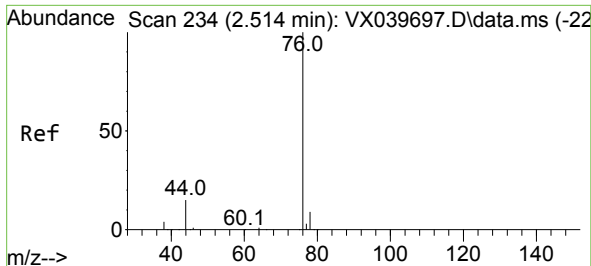
Tgt Ion: 53 Resp: 224181
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 35.7 29.8 44.6



#16
Acetone
Concen: 247.188 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 43 Resp: 238481
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





#17

Carbon Disulfide

Concen: 43.122 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

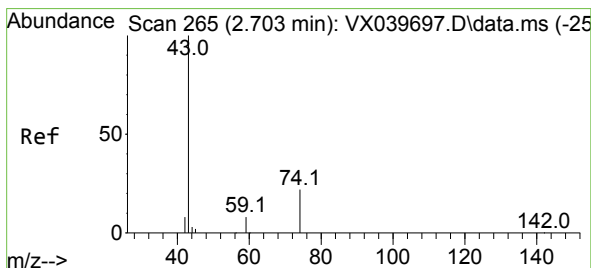
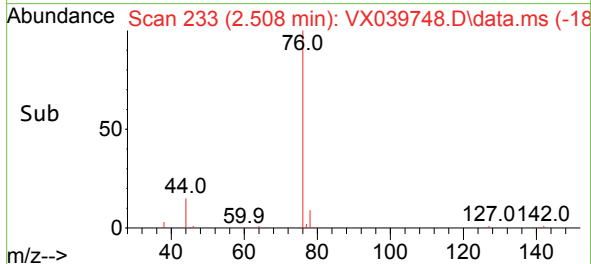
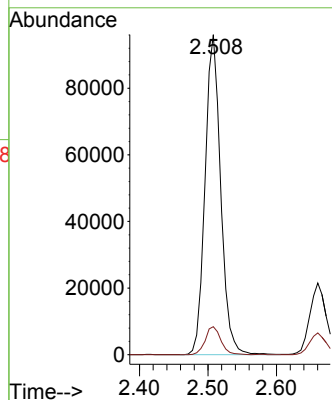
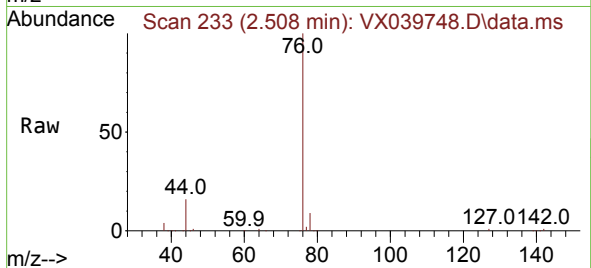
VSTDCCC050

Tgt Ion: 76 Resp: 152764

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 49.187 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039748.D

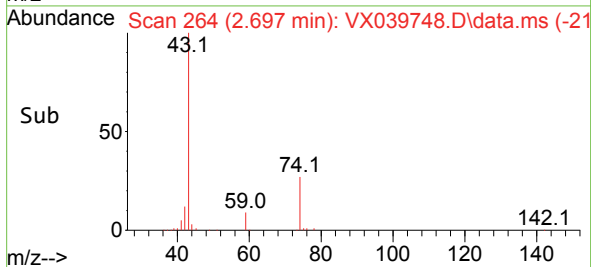
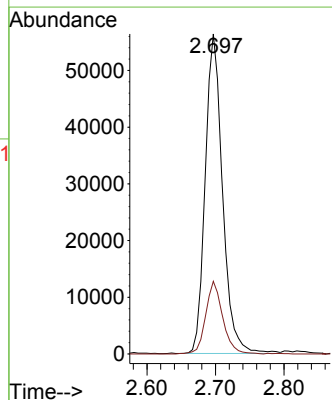
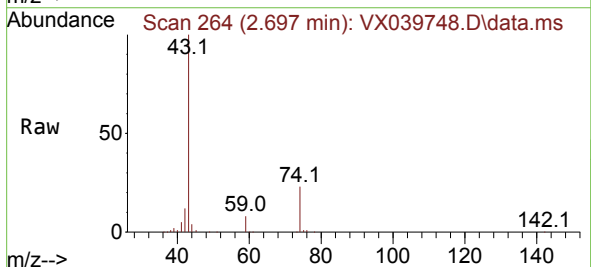
Acq: 15 Jan 2024 11:41

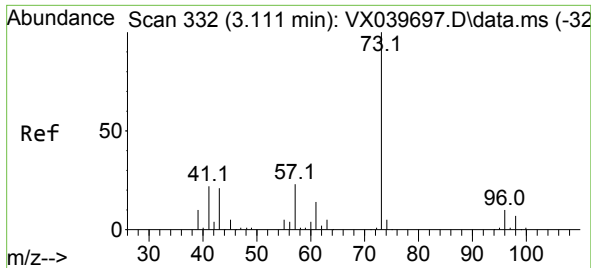
Tgt Ion: 43 Resp: 99280

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8

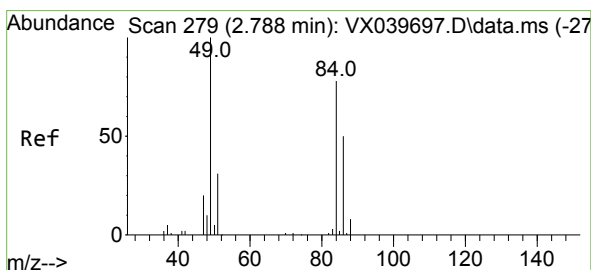
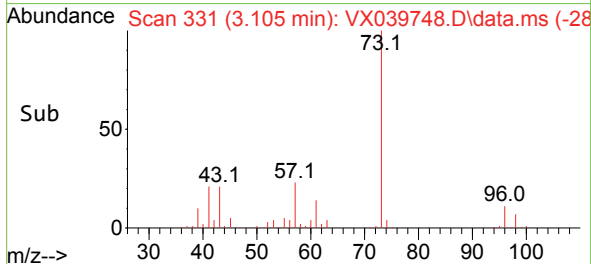
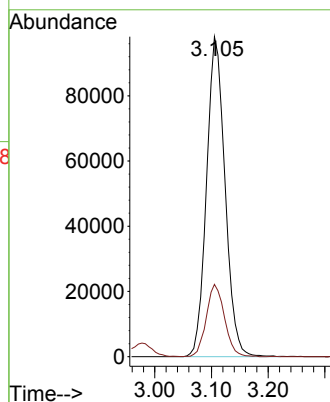
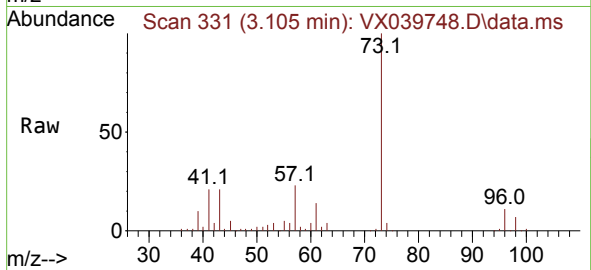




#19
Methyl tert-butyl Ether
Concen: 50.772 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

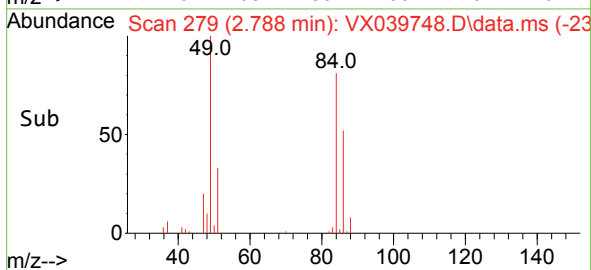
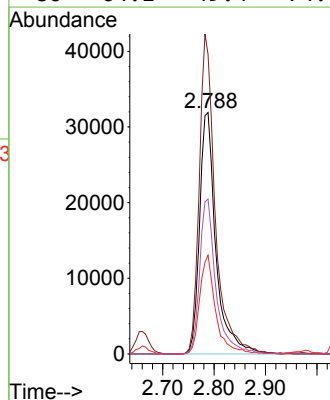
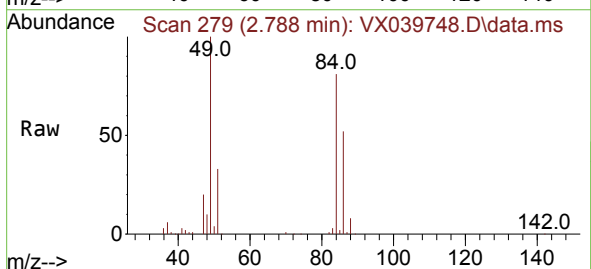
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

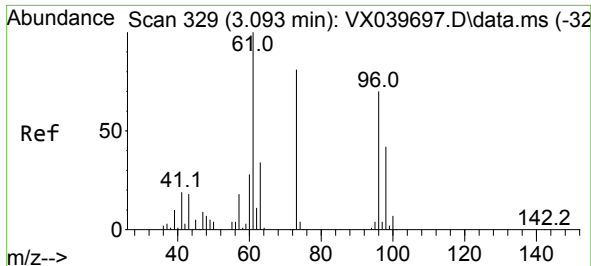
Tgt Ion: 73 Resp: 222169
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.474 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 84 Resp: 70739
Ion Ratio Lower Upper
84 100
49 124.1 103.6 155.4
51 40.9 33.8 50.6
86 64.1 49.4 74.0

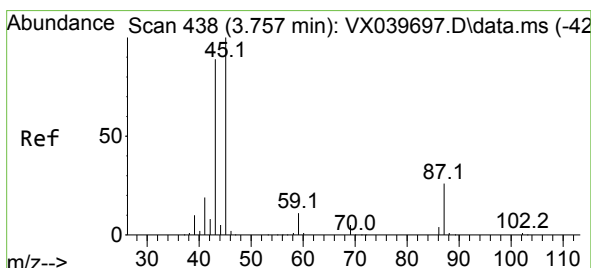
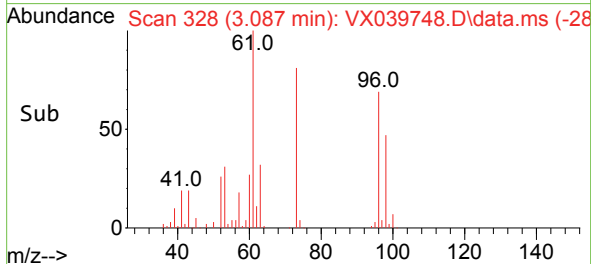
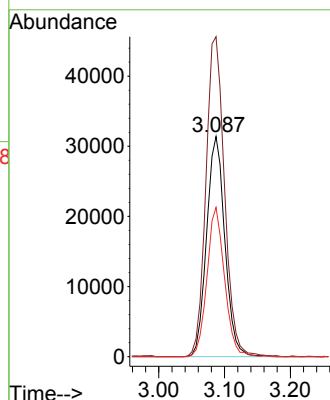
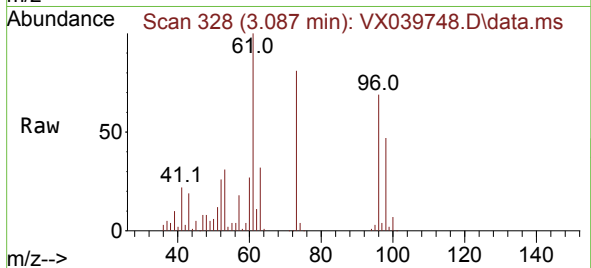




#21
trans-1,2-Dichloroethene
Concen: 46.809 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

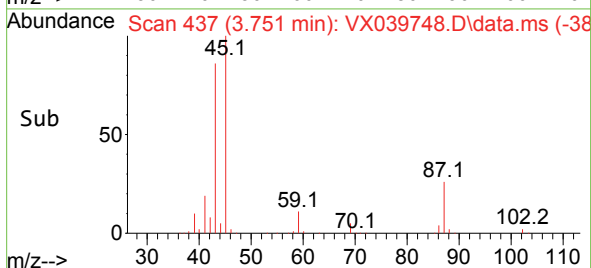
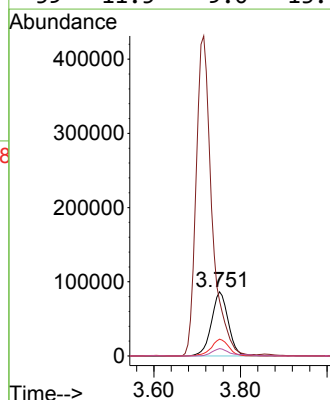
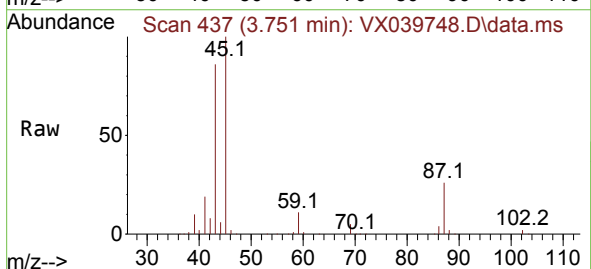
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

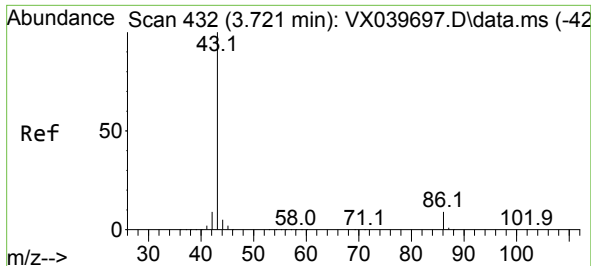
Tgt Ion: 96 Resp: 60715
Ion Ratio Lower Upper
96 100
61 145.4 119.2 178.8
98 67.8 48.7 73.1



#22
Diisopropyl ether
Concen: 50.312 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 45 Resp: 232918
Ion Ratio Lower Upper
45 100
43 85.7 69.7 104.5
87 26.1 20.8 31.2
59 11.5 9.0 13.4

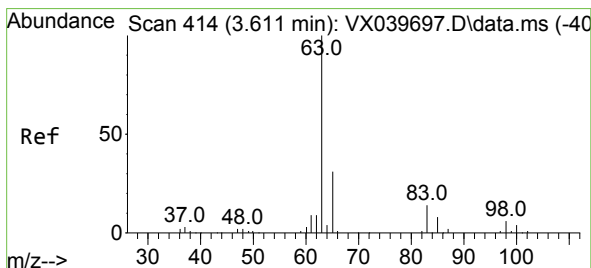
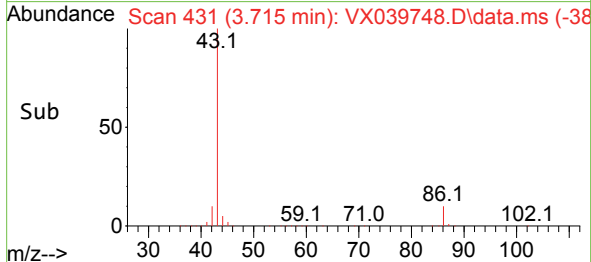
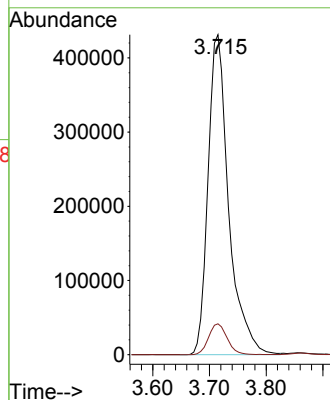
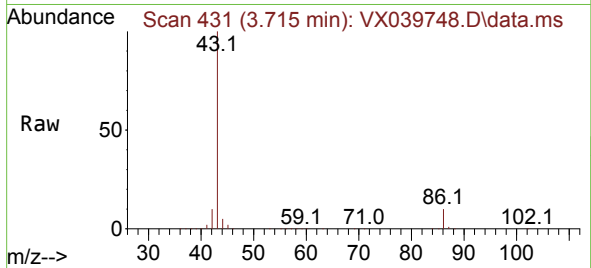




#23
 Vinyl Acetate
 Concen: 253.438 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

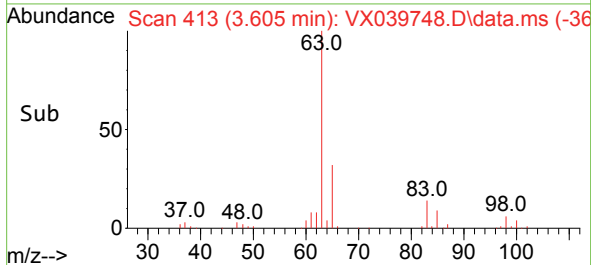
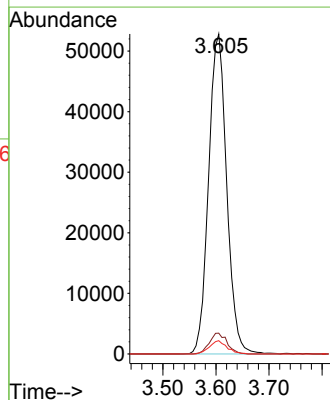
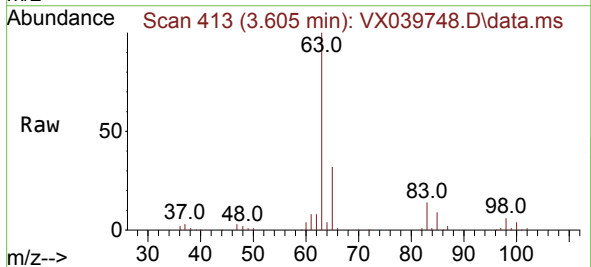
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

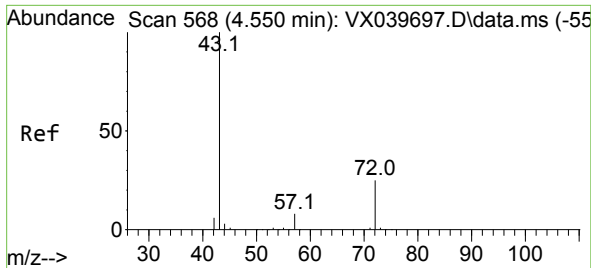
Tgt Ion: 43 Resp: 1090633
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.184 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

Tgt Ion: 63 Resp: 125265
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.1 6.5

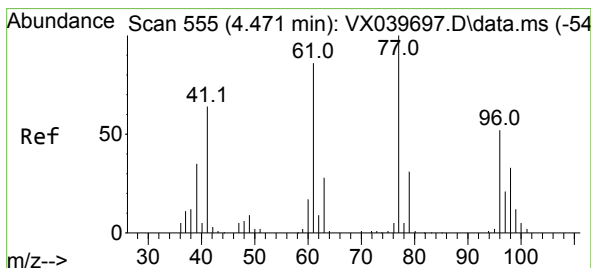
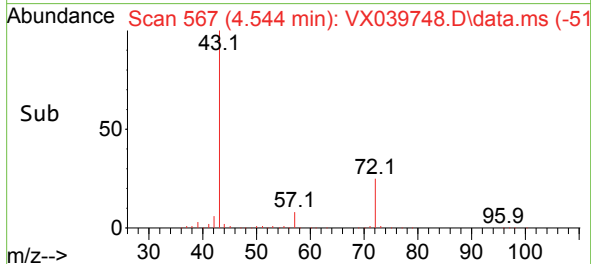
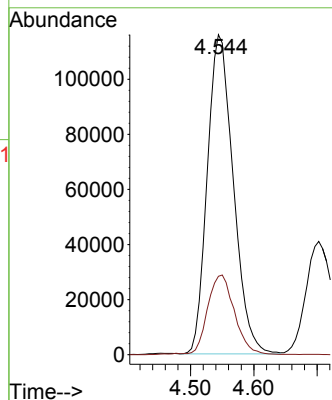
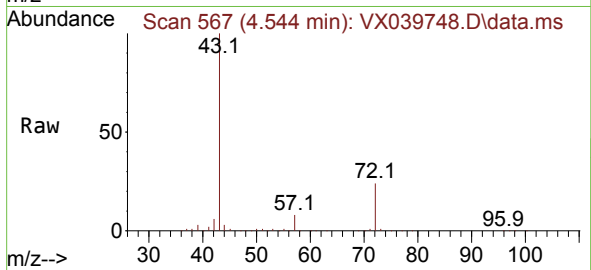




#25
2-Butanone
Concen: 238.942 ug/l
RT: 4.544 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

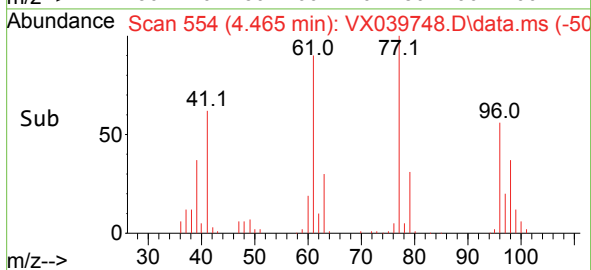
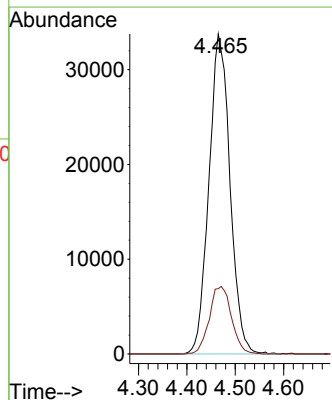
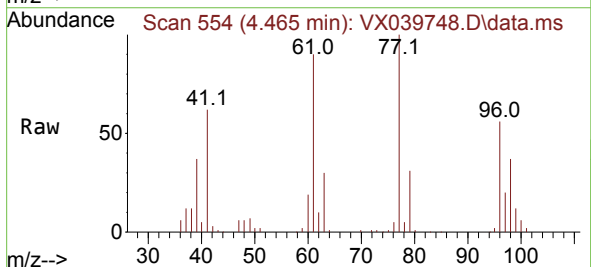
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

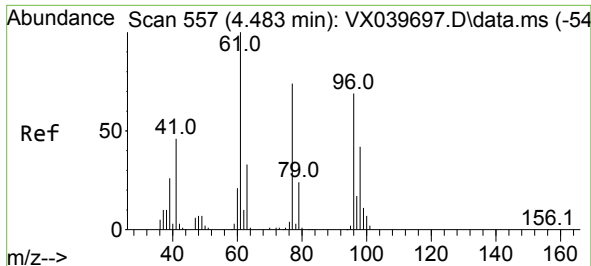
Tgt Ion: 43 Resp: 331281
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2



#26
2,2-Dichloropropane
Concen: 49.882 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 77 Resp: 101963
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.918 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

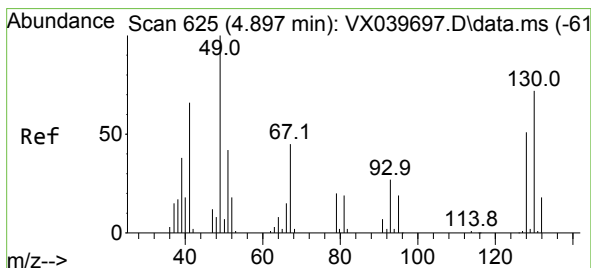
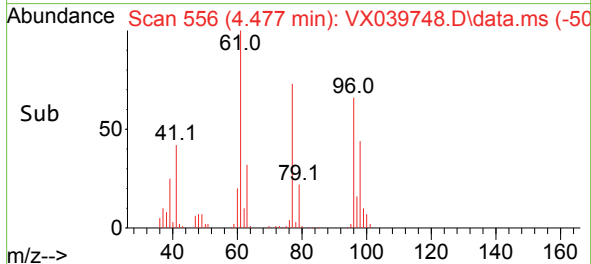
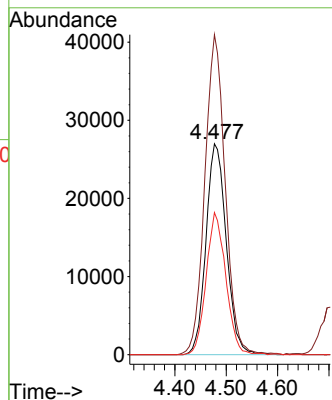
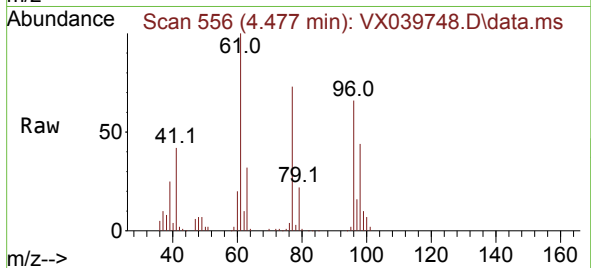
Tgt Ion: 96 Resp: 74262

Ion Ratio Lower Upper

96 100

61 151.8 0.0 312.2

98 65.3 0.0 129.0



#28

Bromochloromethane

Concen: 50.862 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

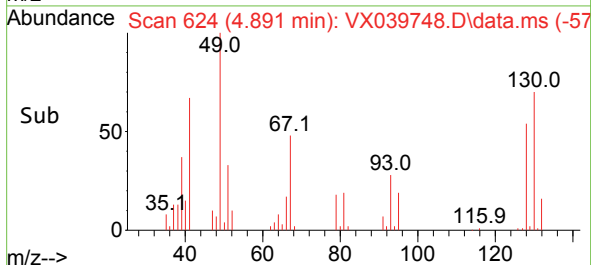
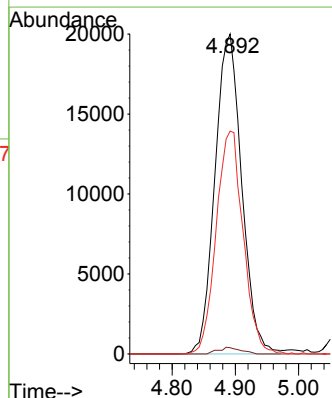
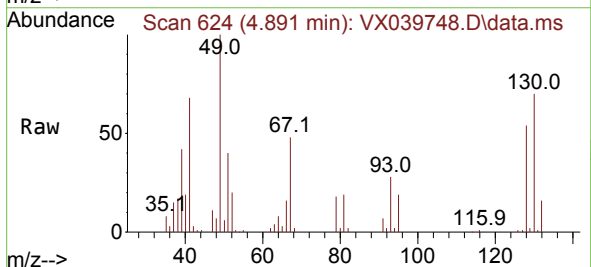
Tgt Ion: 49 Resp: 58718

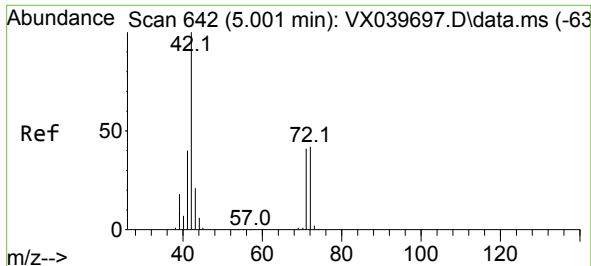
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 70.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.648 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

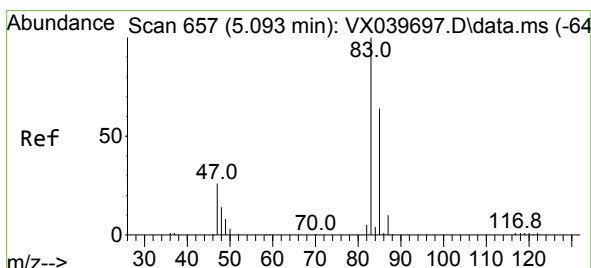
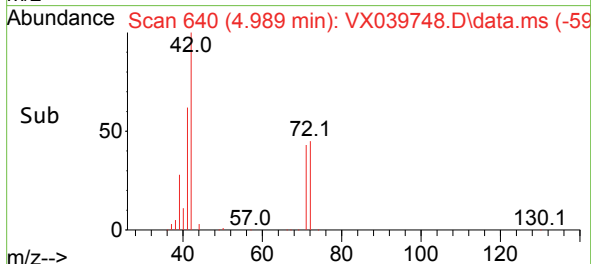
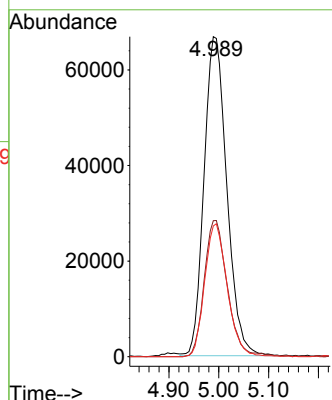
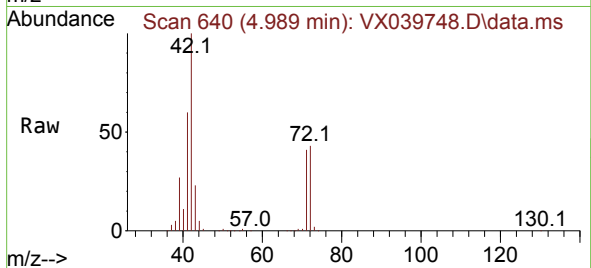
Tgt Ion: 42 Resp: 212072

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 41.3 32.2 48.2



#30

Chloroform

Concen: 50.742 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039748.D

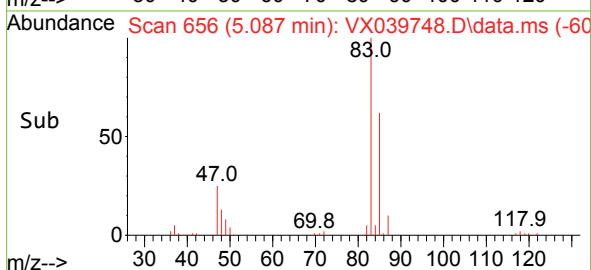
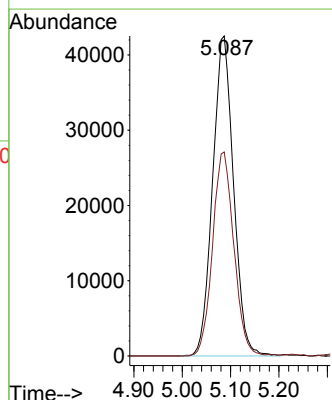
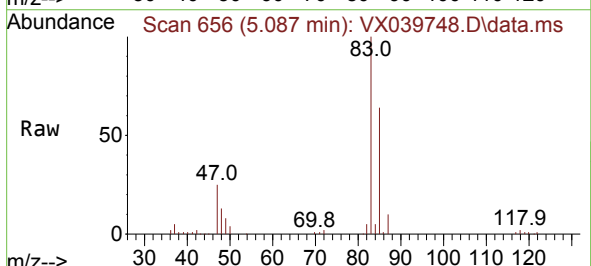
Acq: 15 Jan 2024 11:41

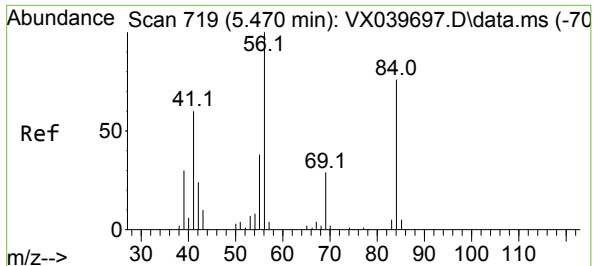
Tgt Ion: 83 Resp: 127575

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

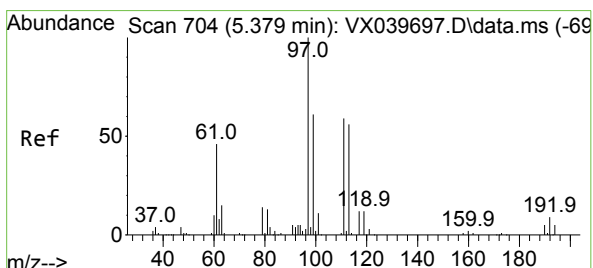
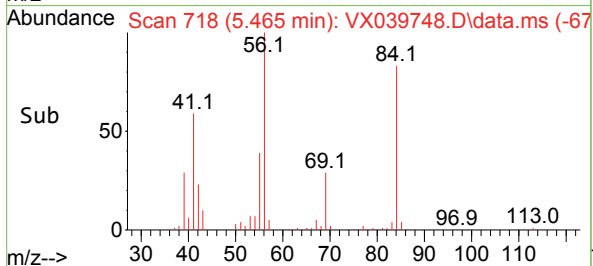
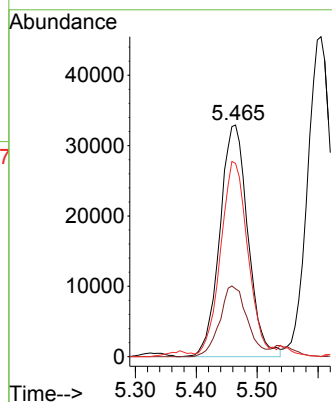
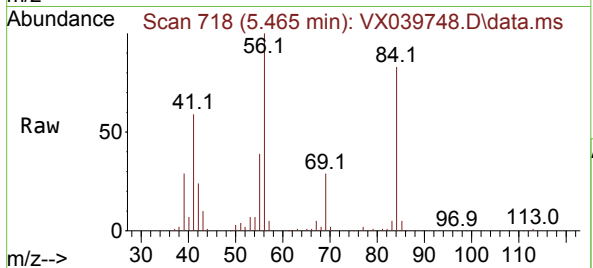




#31
Cyclohexane
Concen: 46.557 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

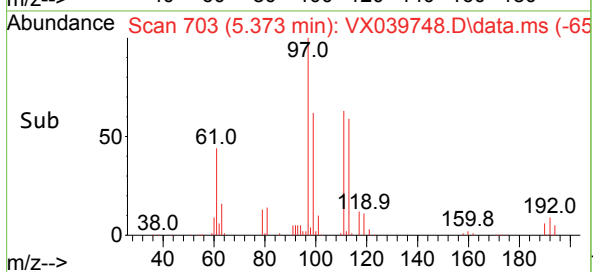
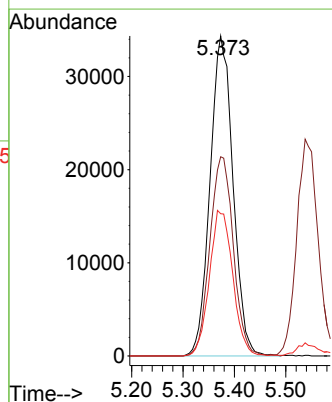
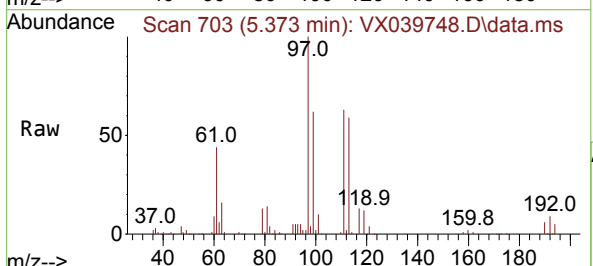
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

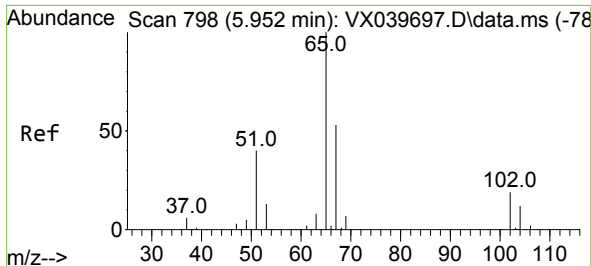
Tgt Ion: 56 Resp: 105407
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 80.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 49.511 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 97 Resp: 106570
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

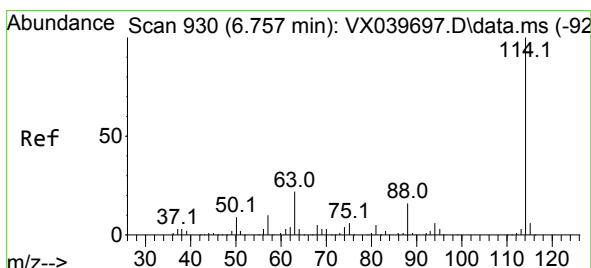
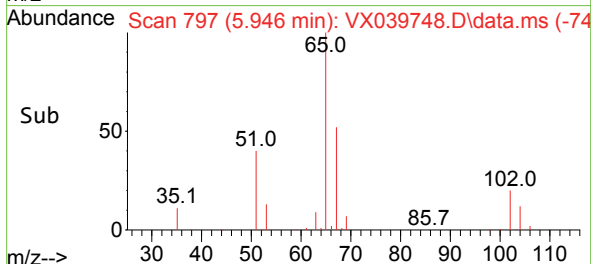
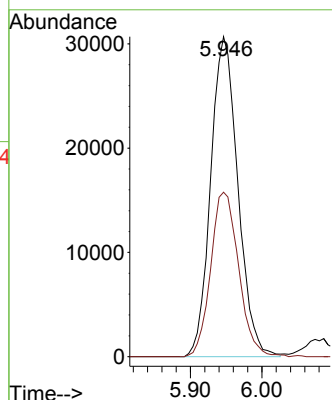
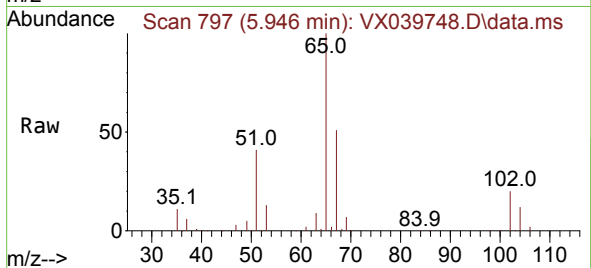
VSTDCCC050

Tgt Ion: 65 Resp: 81062

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

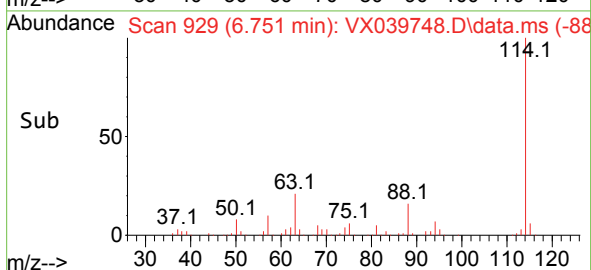
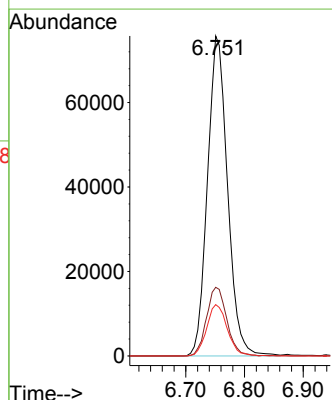
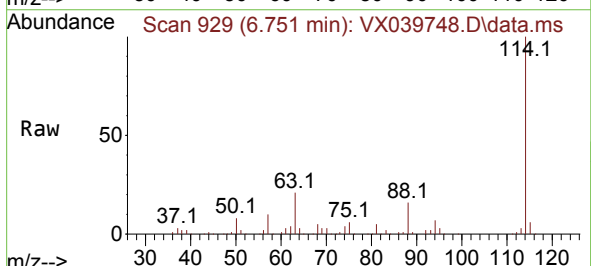
Tgt Ion: 114 Resp: 179897

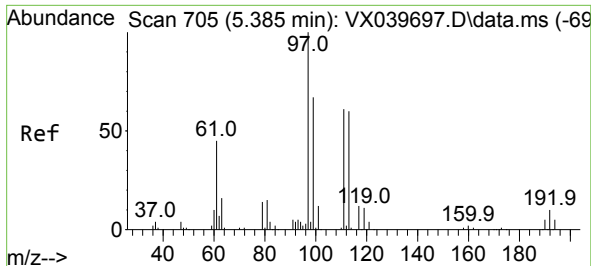
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.0 0.0 36.6

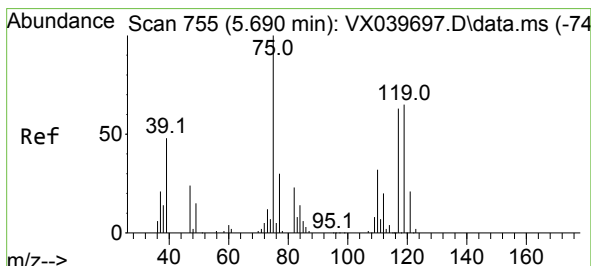
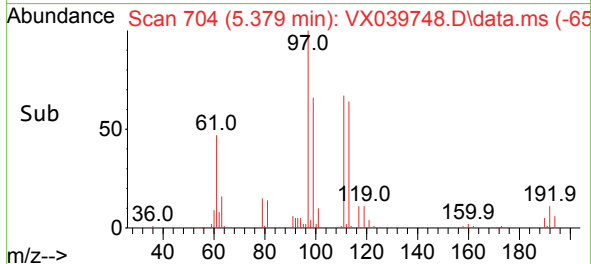
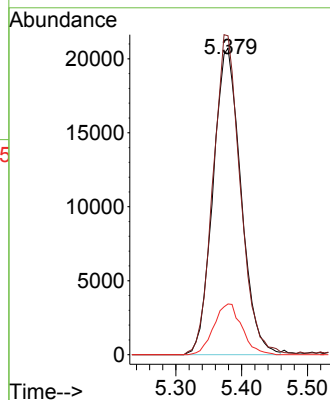
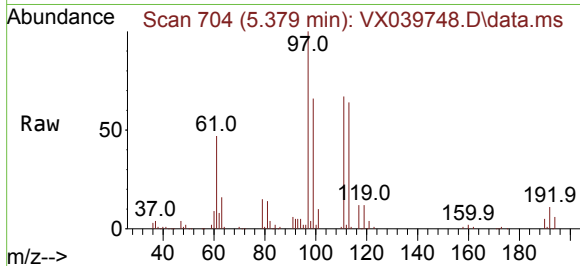




#35
Dibromofluoromethane
Concen: 50.445 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

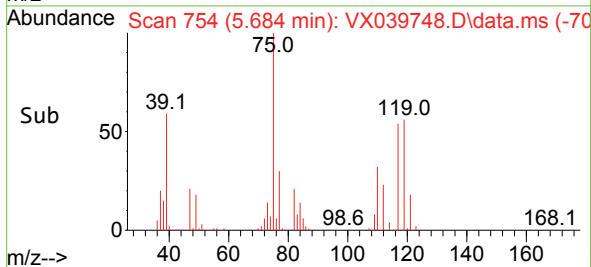
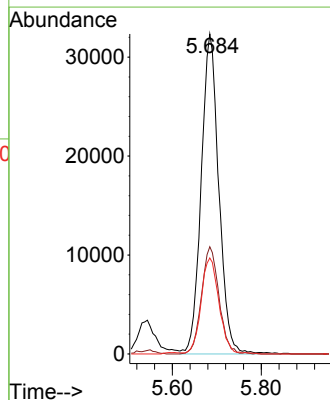
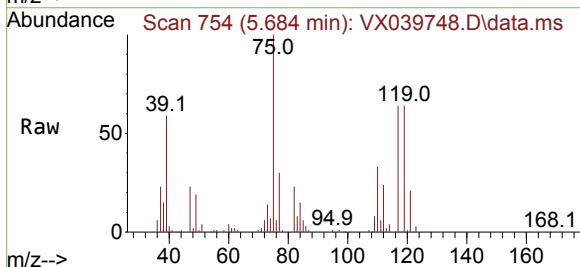
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

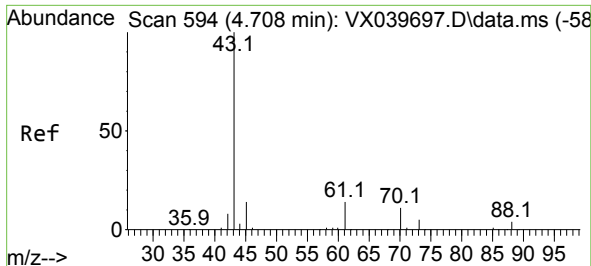
Tgt Ion:113 Resp: 61124
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 47.393 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 75 Resp: 89386
Ion Ratio Lower Upper
75 100
110 33.1 17.0 50.9
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 48.269 ug/l

RT: 4.703 min Scan# 593

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

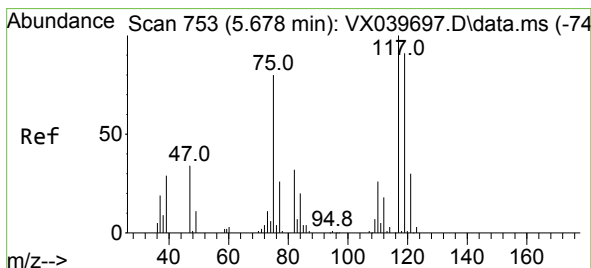
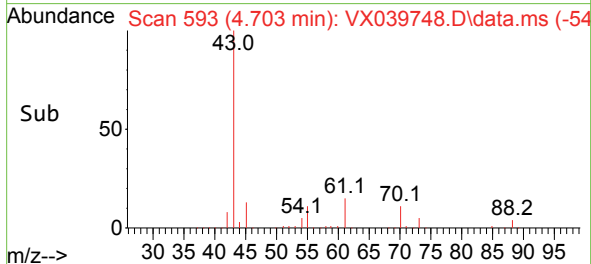
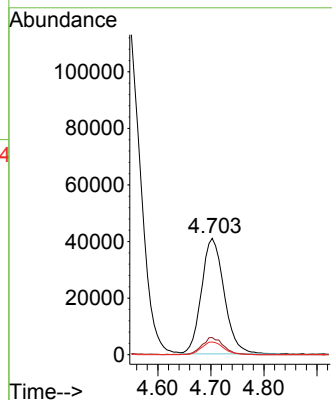
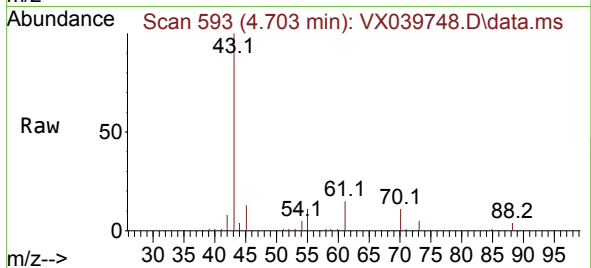
Tgt Ion: 43 Resp: 121450

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 48.676 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

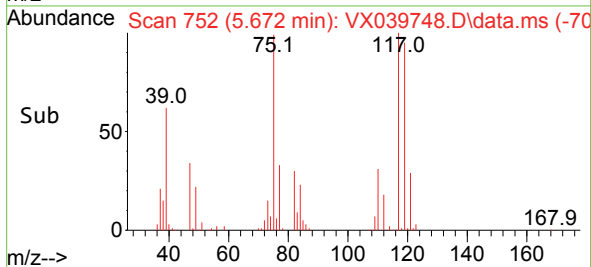
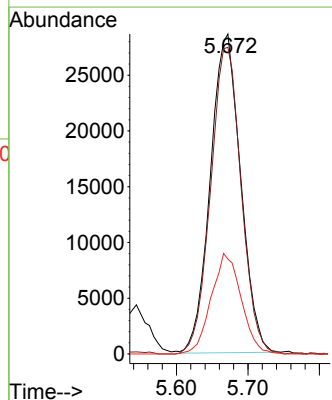
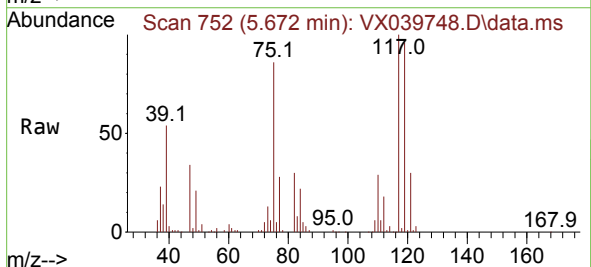
Tgt Ion:117 Resp: 84083

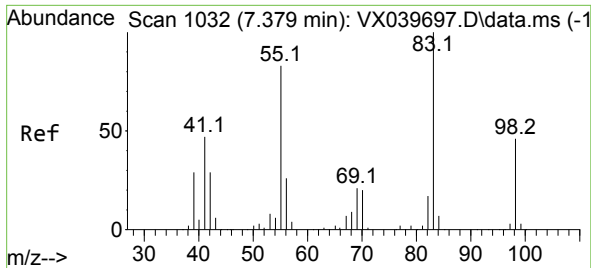
Ion Ratio Lower Upper

117 100

119 96.1 78.2 117.2

121 29.6 24.4 36.6





#39

Methylcyclohexane

Concen: 47.710 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

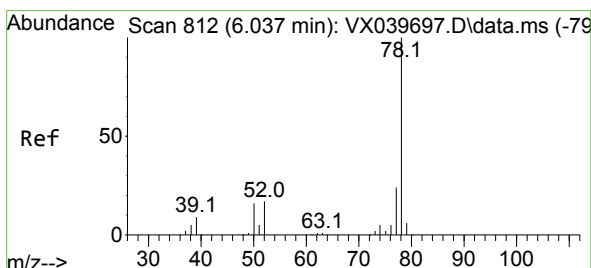
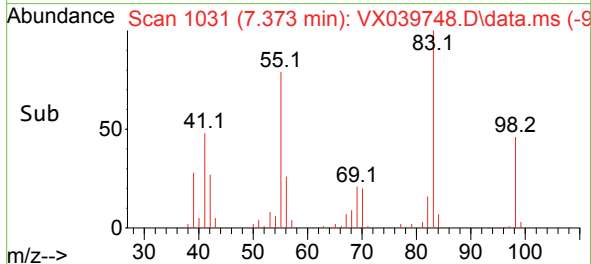
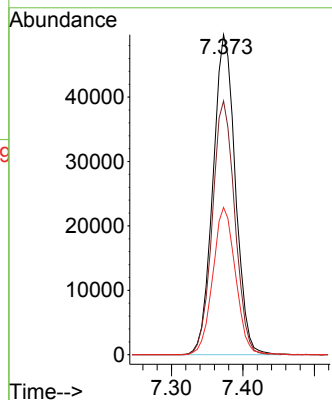
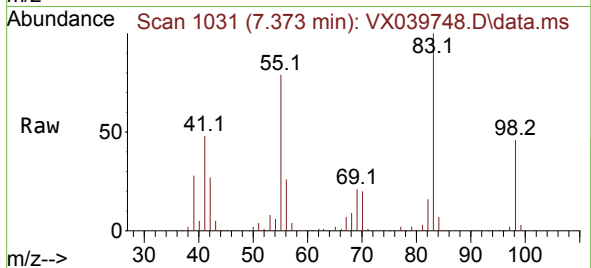
Tgt Ion: 83 Resp: 108053

Ion Ratio Lower Upper

83 100

55 79.3 64.6 97.0

98 46.0 36.7 55.1



#40

Benzene

Concen: 49.955 ug/l

RT: 6.032 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039748.D

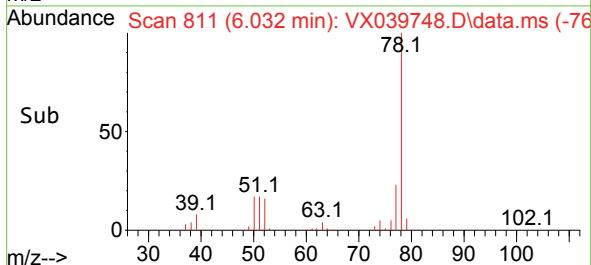
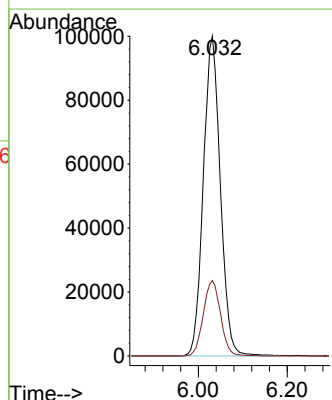
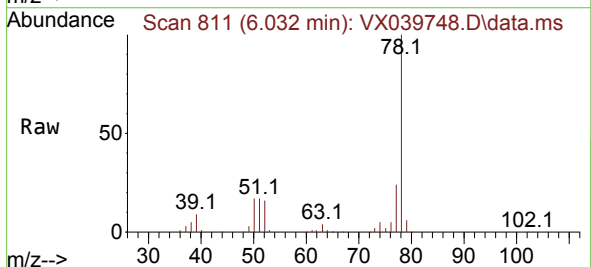
Acq: 15 Jan 2024 11:41

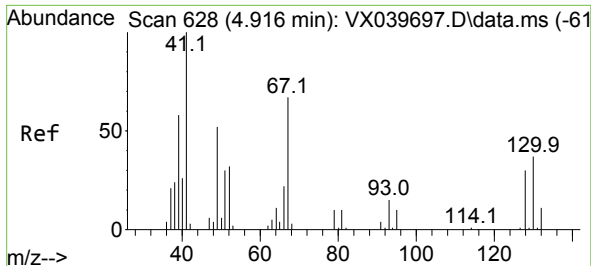
Tgt Ion: 78 Resp: 266791

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

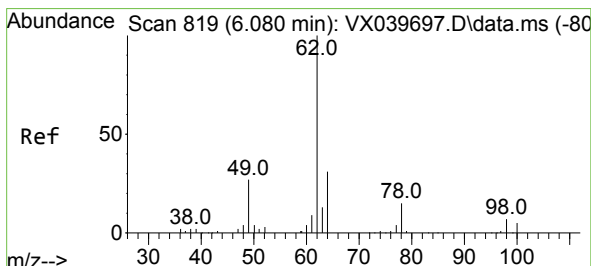
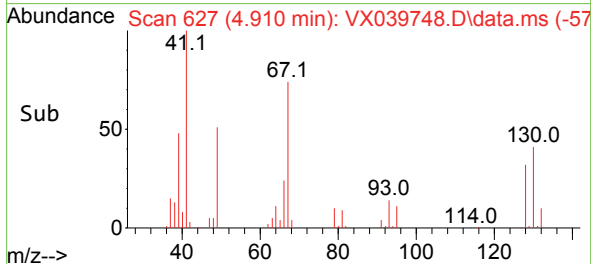
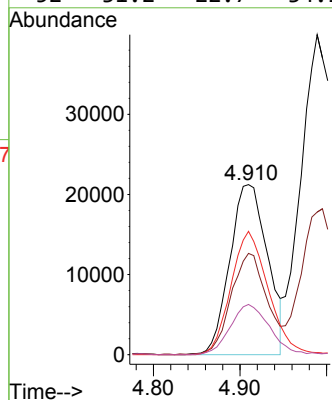
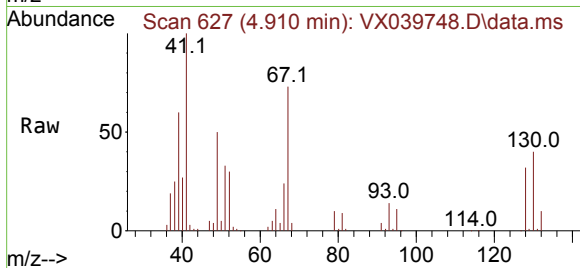




#41
Methacrylonitrile
Concen: 52.283 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

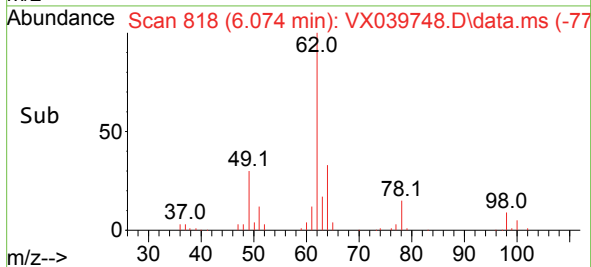
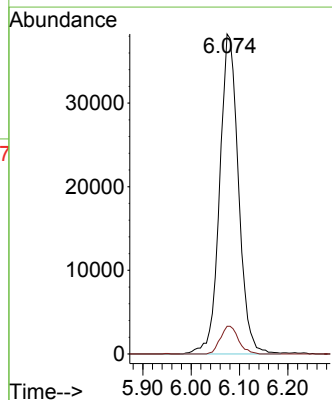
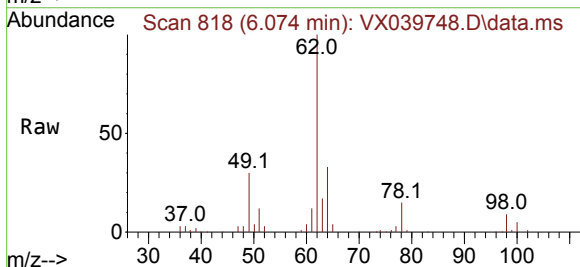
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

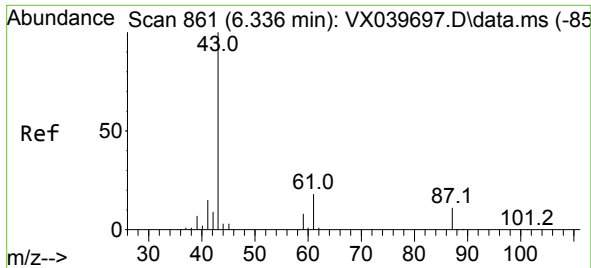
Tgt Ion:	41	Resp:	64330
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.2	67.8
67	72.1	52.6	78.8
52	31.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 50.999 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:	62	Resp:	103548
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0

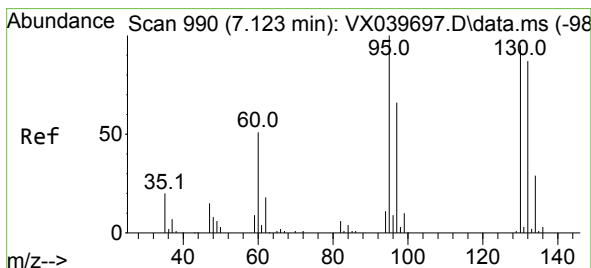
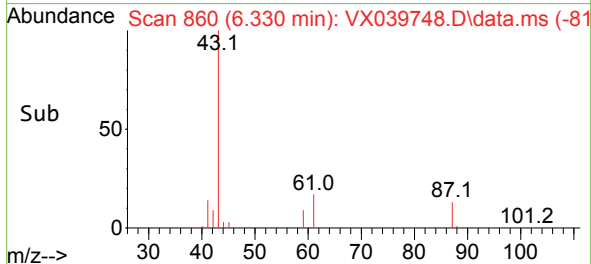
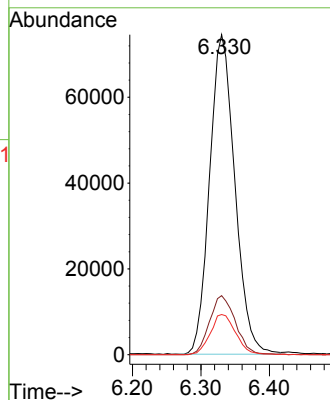
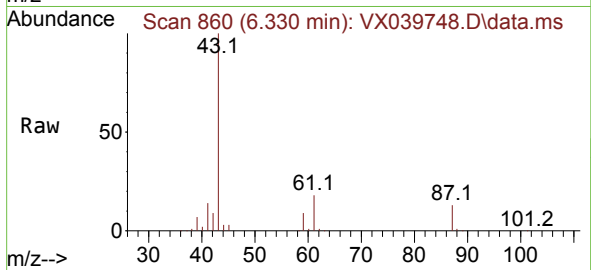




#43
Isopropyl Acetate
Concen: 51.591 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

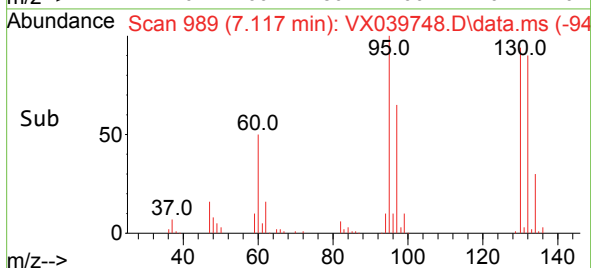
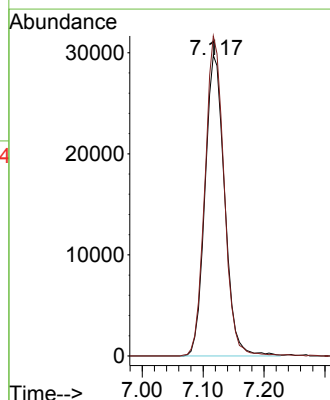
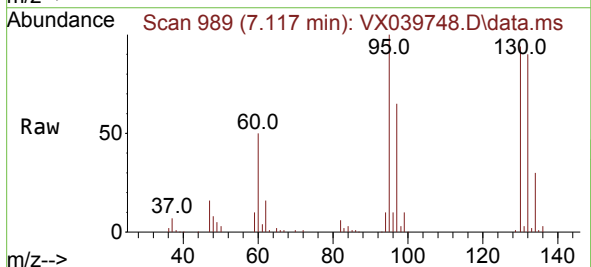
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

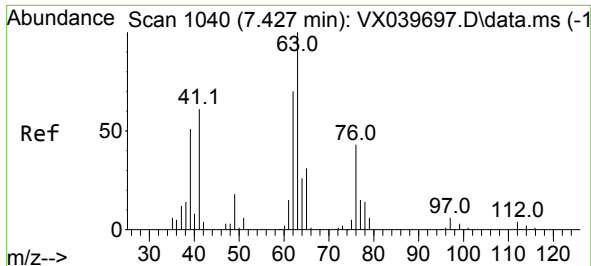
Tgt Ion: 43 Resp: 190425
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.7 9.8 14.6



#44
Trichloroethene
Concen: 50.854 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:130 Resp: 66561
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.4

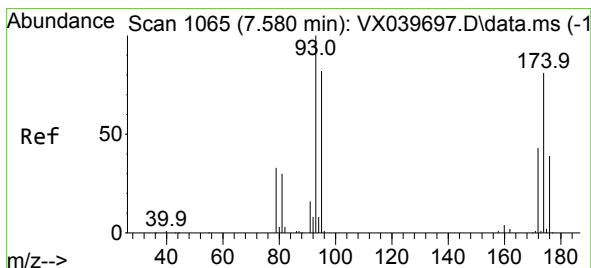
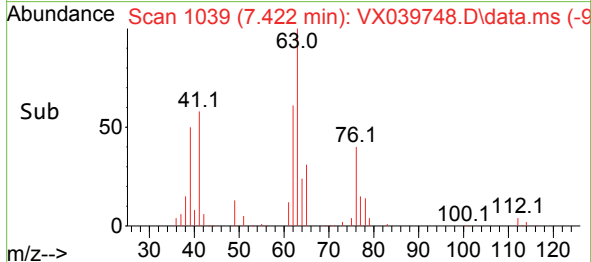
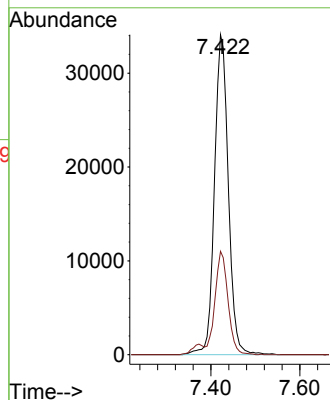
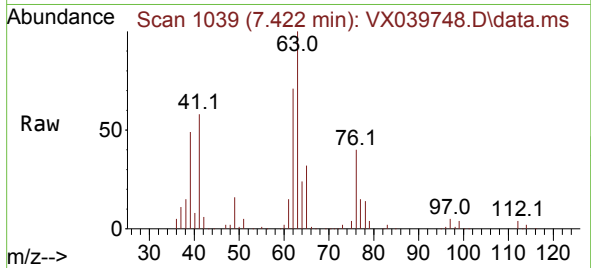




#45
1,2-Dichloropropane
Concen: 51.434 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

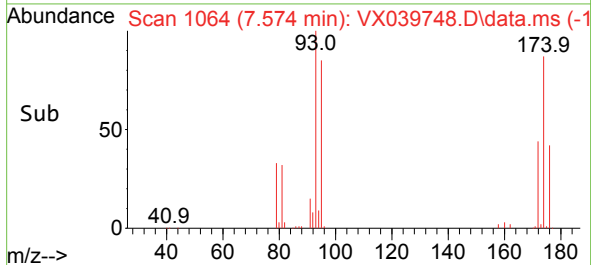
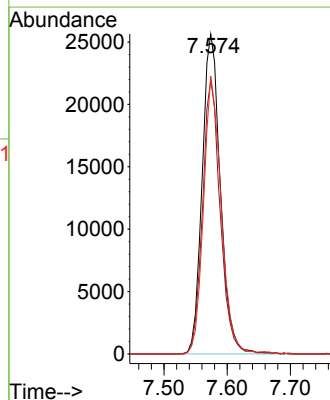
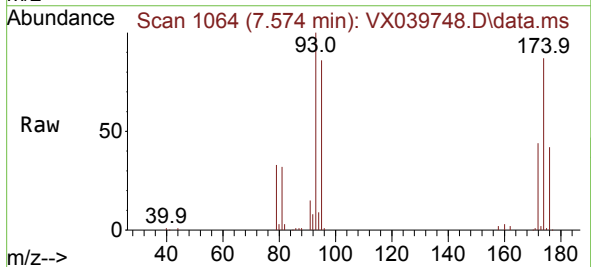
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

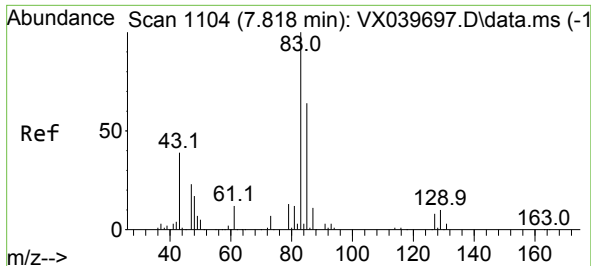
Tgt Ion: 63 Resp: 73687
Ion Ratio Lower Upper
63 100
65 32.3 24.3 36.5



#46
Dibromomethane
Concen: 51.985 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 93 Resp: 51441
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 84.0 69.4 104.0

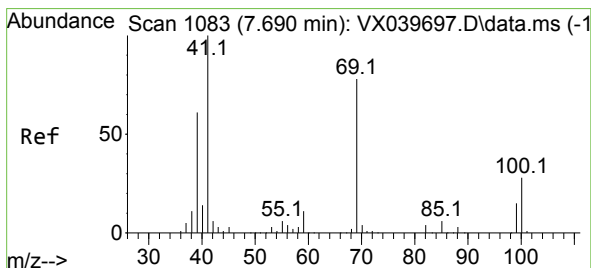
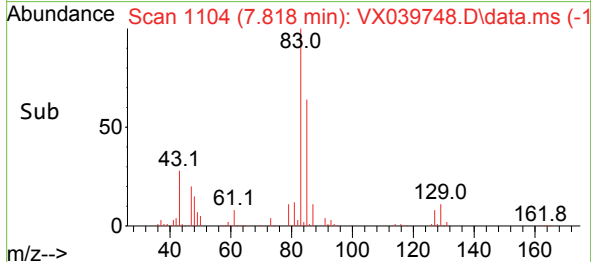
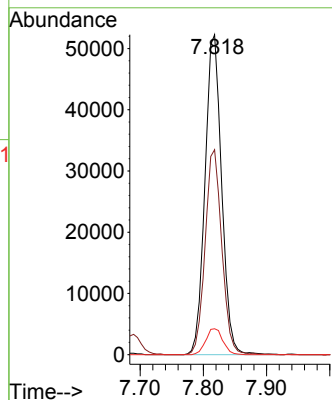
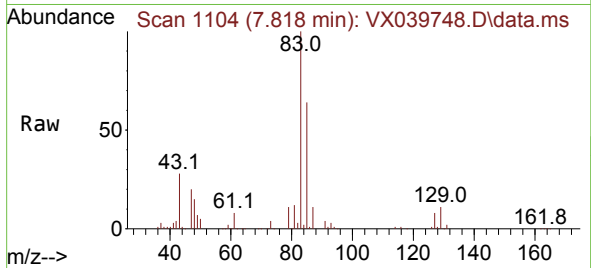




#47
Bromodichloromethane
Concen: 52.305 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

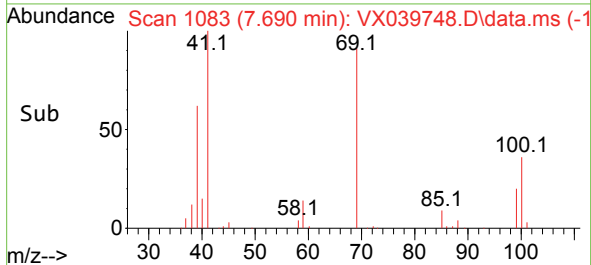
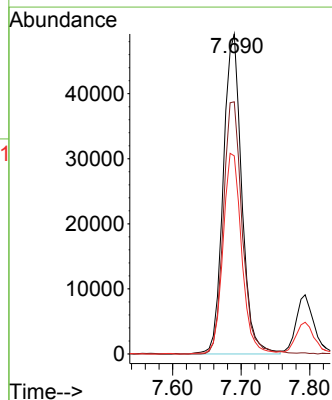
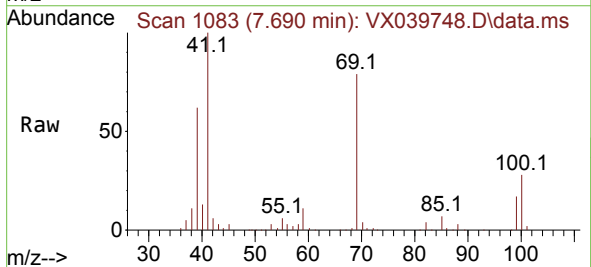
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

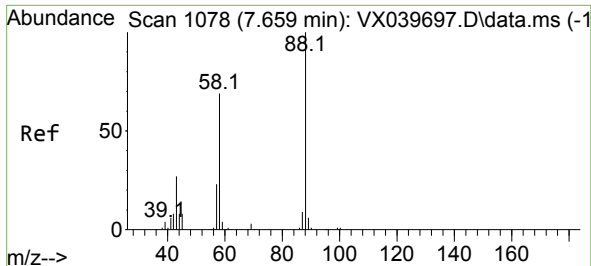
Tgt Ion	83	Resp	95858
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.8	74.6
127	8.1	7.1	10.7



#48
Methyl methacrylate
Concen: 50.518 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion	41	Resp	91653
Ion	Ratio	Lower	Upper
41	100		
69	80.6	59.2	88.8
39	63.4	47.7	71.5





#49

1,4-Dioxane

Concen: 1038.216 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

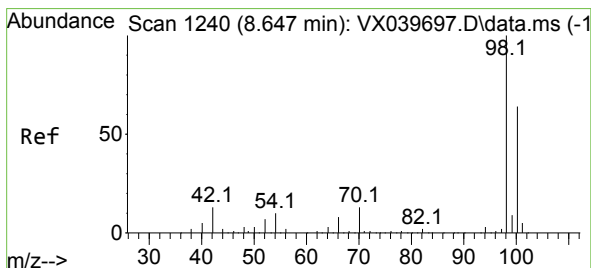
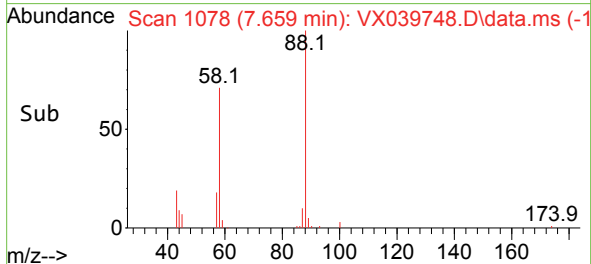
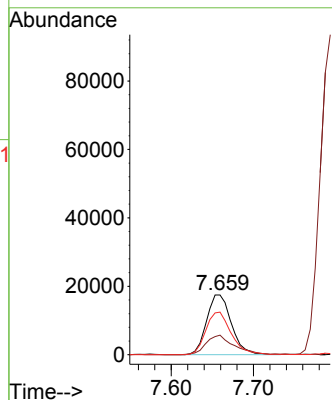
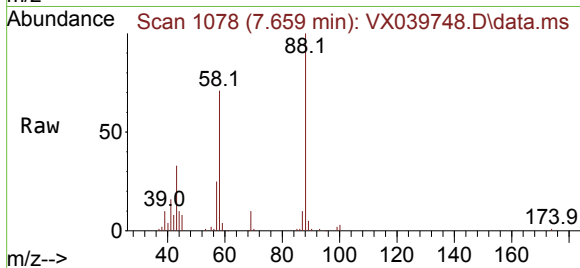
Tgt Ion: 88 Resp: 36447

Ion Ratio Lower Upper

88 100

43 37.0 0.0 0.0#

58 73.4 60.1 90.1



#50

Toluene-d8

Concen: 48.730 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039748.D

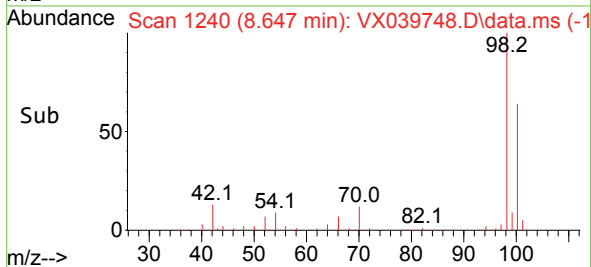
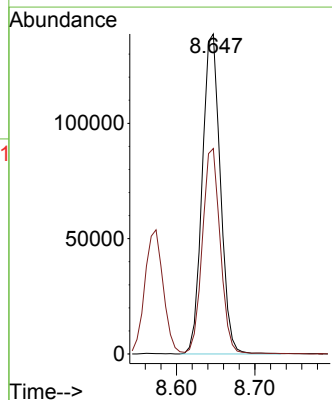
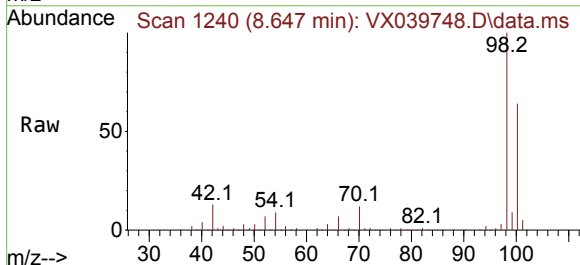
Acq: 15 Jan 2024 11:41

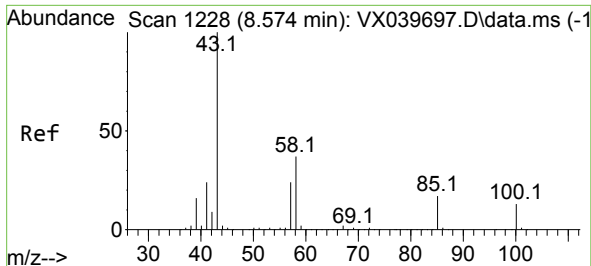
Tgt Ion: 98 Resp: 222691

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7

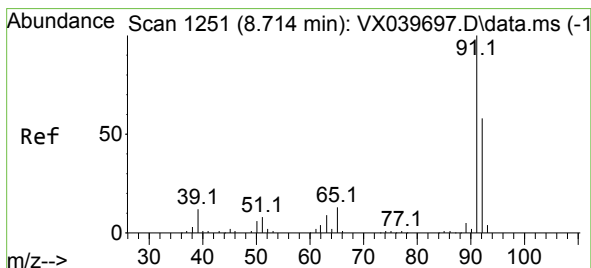
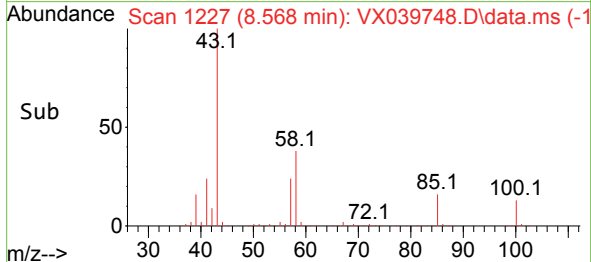
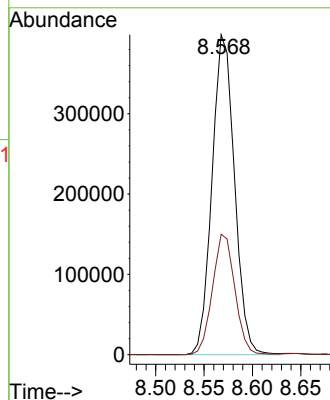
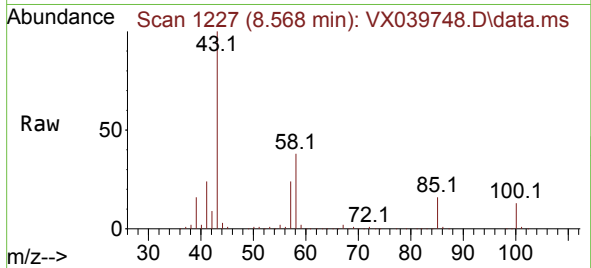




#51
4-Methyl-2-Pentanone
Concen: 253.524 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

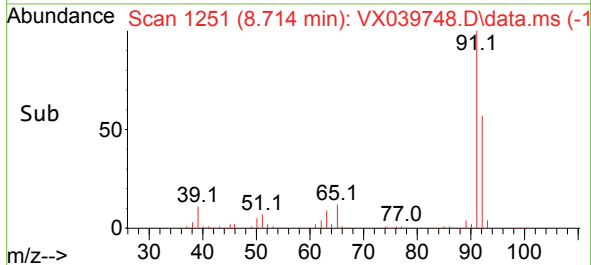
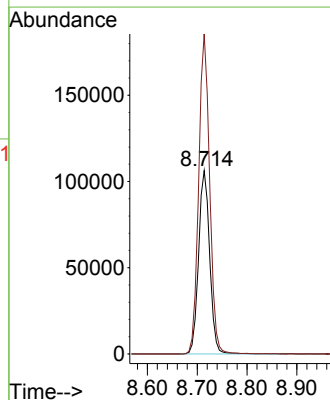
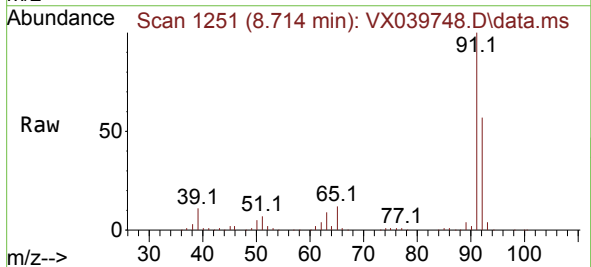
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

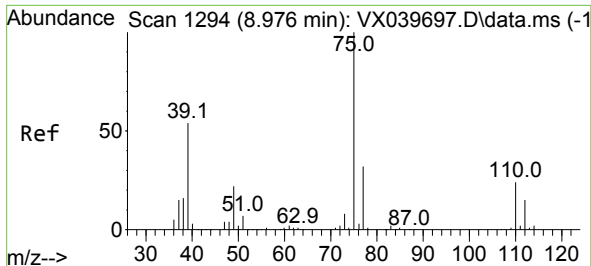
Tgt Ion: 43 Resp: 644471
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6



#52
Toluene
Concen: 51.409 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 92 Resp: 163989
Ion Ratio Lower Upper
92 100
91 172.9 134.2 201.2

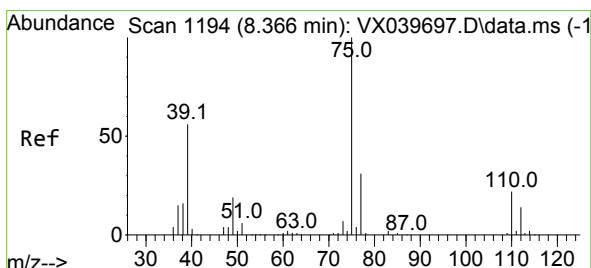
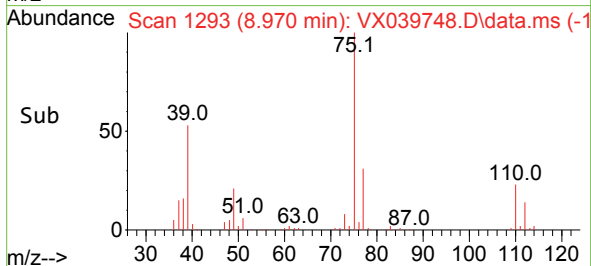
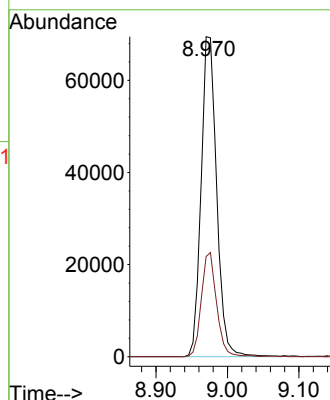
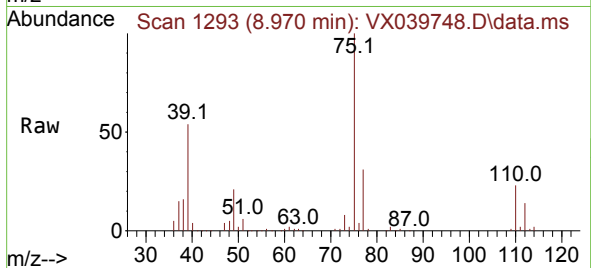




#53
 t-1,3-Dichloropropene
 Concen: 53.974 ug/l
 RT: 8.970 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

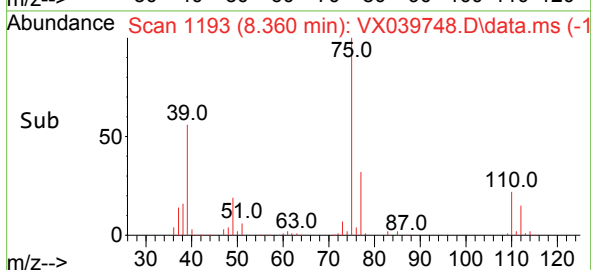
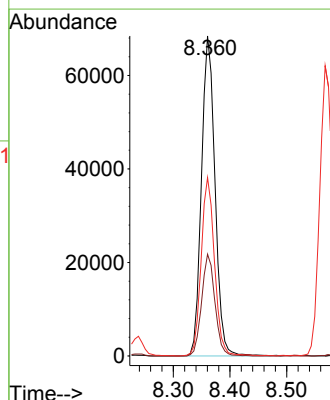
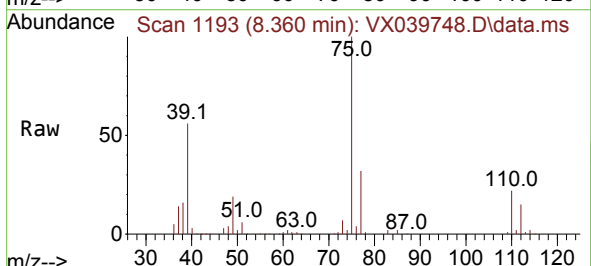
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

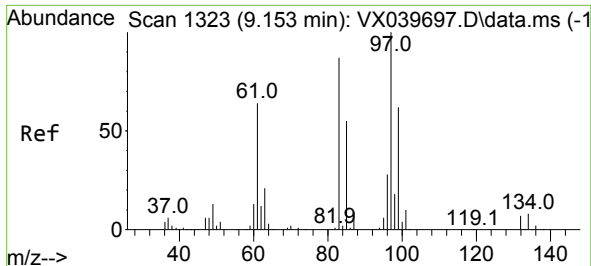
Tgt Ion: 75 Resp: 104962
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 53.278 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

Tgt Ion: 75 Resp: 113927
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 55.8 46.7 70.1

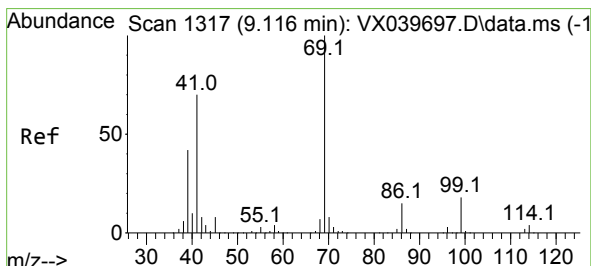
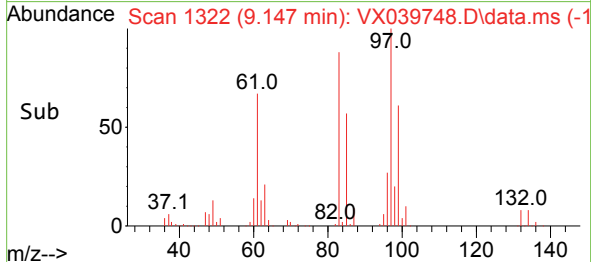
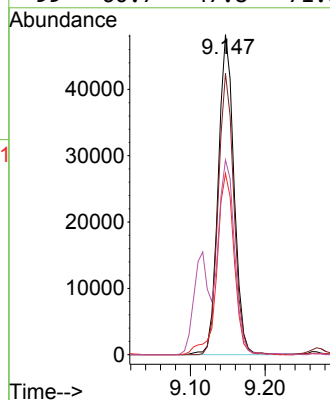
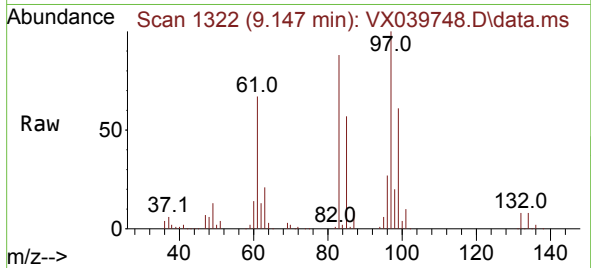




#55
 1,1,2-Trichloroethane
 Concen: 52.327 ug/l
 RT: 9.147 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

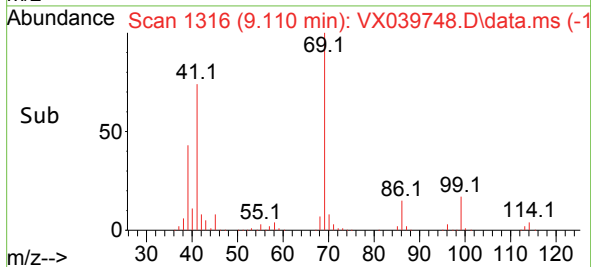
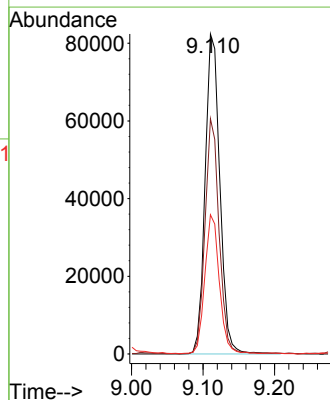
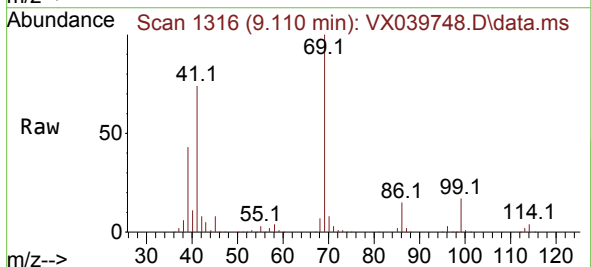
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

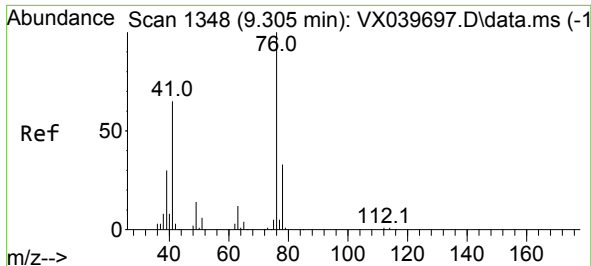
Tgt Ion: 97	Resp: 71066
Ion Ratio	Lower Upper
97 100	
83 87.9	65.8 98.8
85 56.6	41.6 62.4
99 60.7	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 53.719 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

Tgt Ion: 69	Resp: 118078		
Ion Ratio	Lower	Upper	
69 100			
41 70.7	56.8	85.2	
39 42.8	32.0	48.0	





#57

1,3-Dichloropropane

Concen: 52.074 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

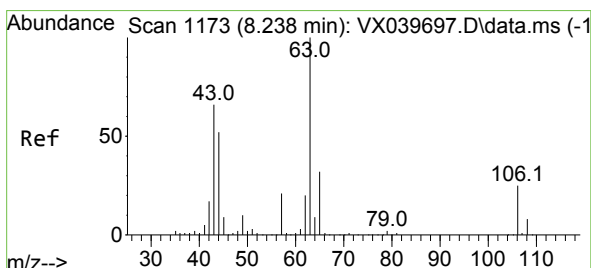
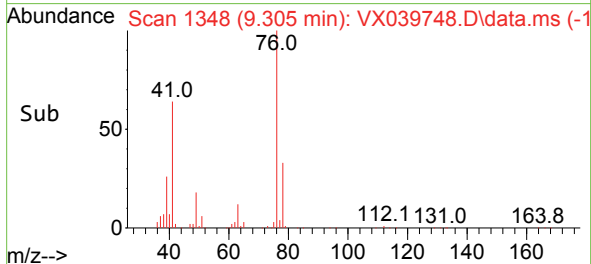
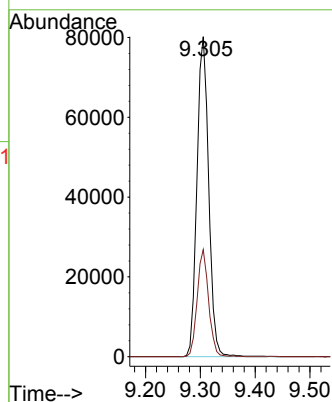
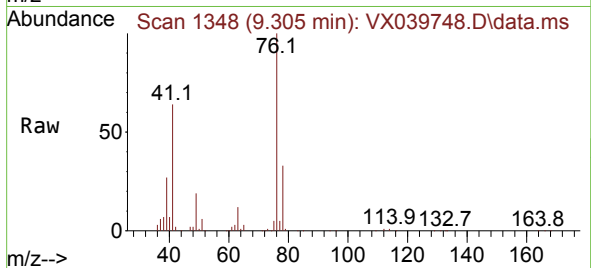
VSTDCCC050

Tgt Ion: 76 Resp: 119851

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 268.251 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039748.D

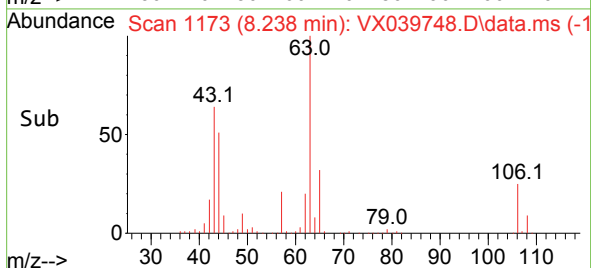
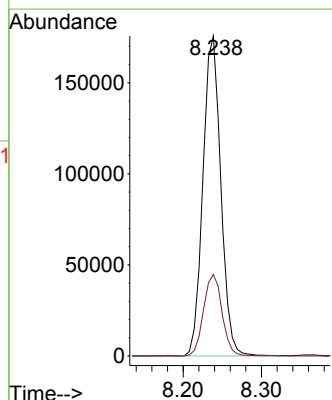
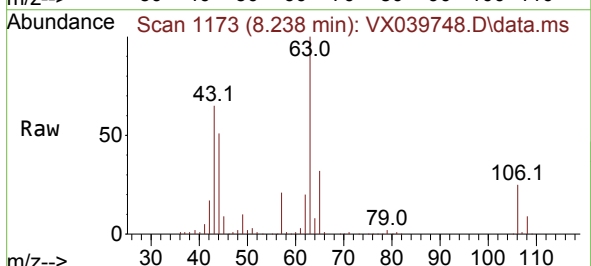
Acq: 15 Jan 2024 11:41

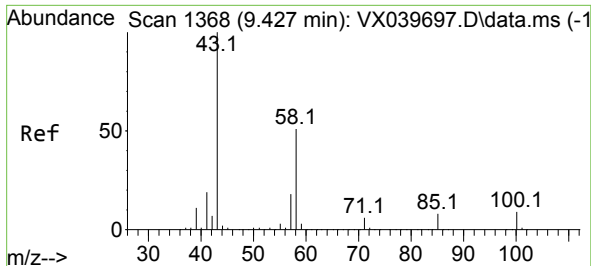
Tgt Ion: 63 Resp: 278706

Ion Ratio Lower Upper

63 100

106 26.3 22.5 33.7





#59

2-Hexanone

Concen: 266.475 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

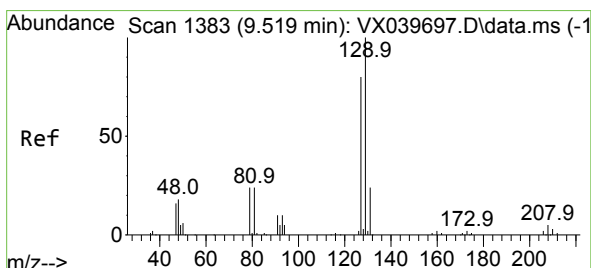
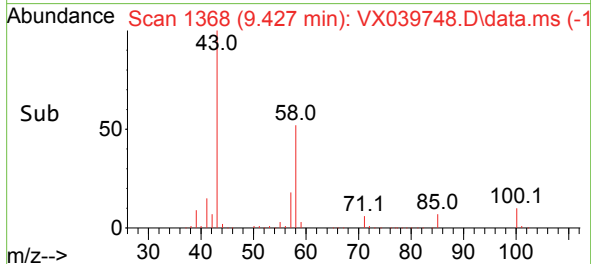
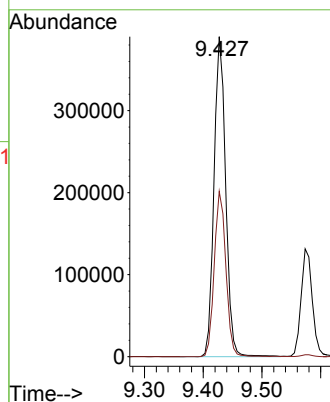
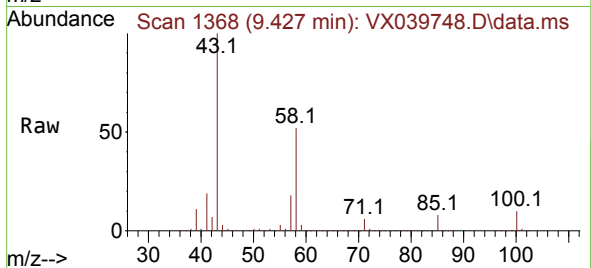
VSTDCCC050

Tgt Ion: 43 Resp: 536120

Ion Ratio Lower Upper

43 100

58 51.7 26.2 78.5



#60

Dibromochloromethane

Concen: 55.911 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039748.D

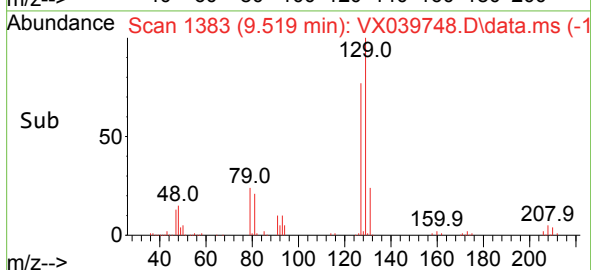
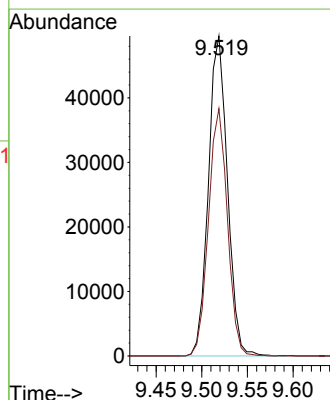
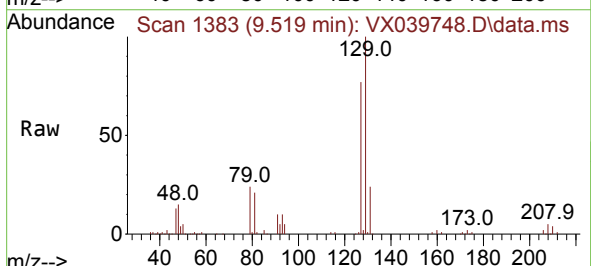
Acq: 15 Jan 2024 11:41

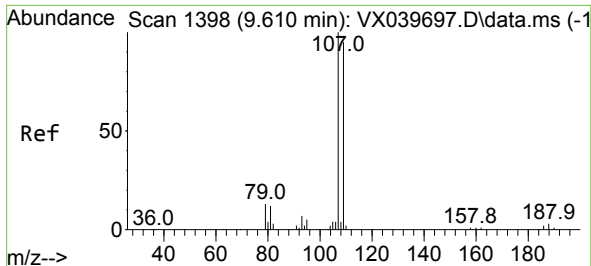
Tgt Ion: 129 Resp: 71610

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4

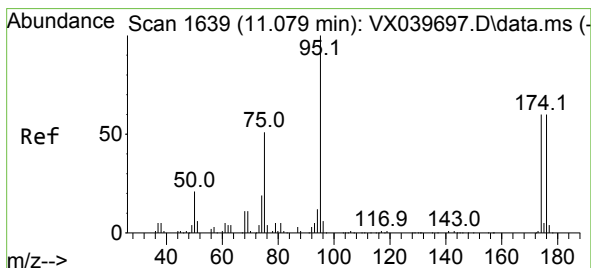
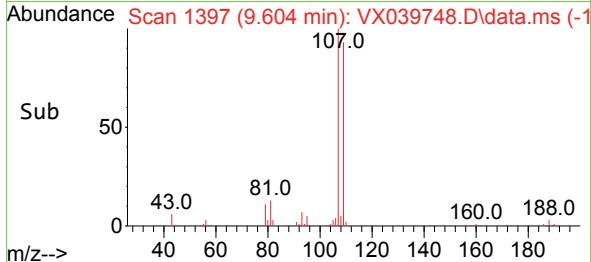
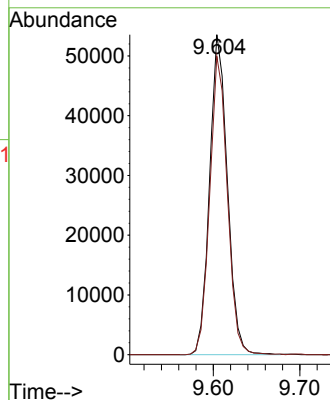
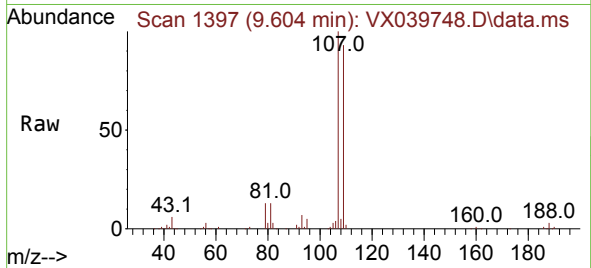




#61
1,2-Dibromoethane
Concen: 54.250 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

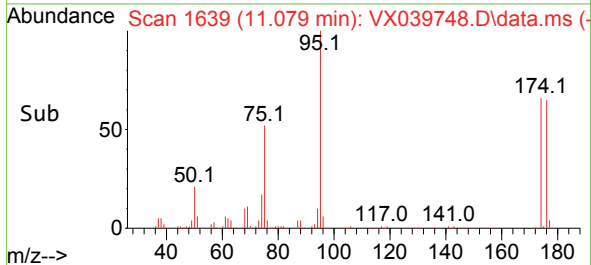
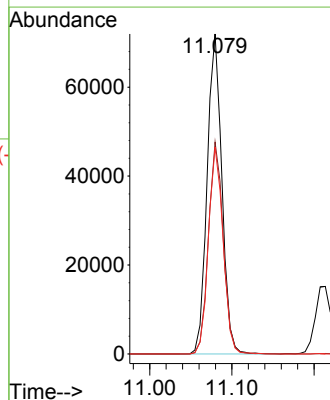
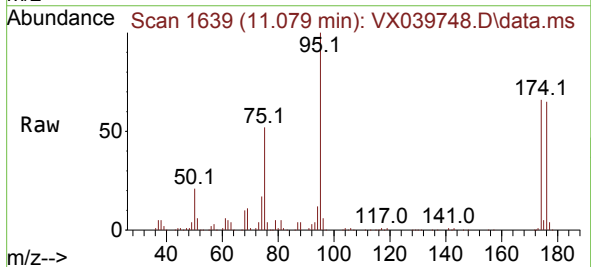
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

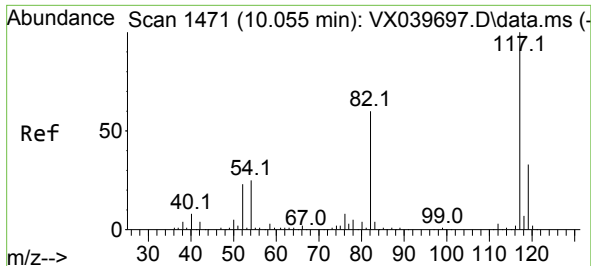
Tgt Ion:107 Resp: 76298
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 95 Resp: 89348
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 64.4 0.0 131.0

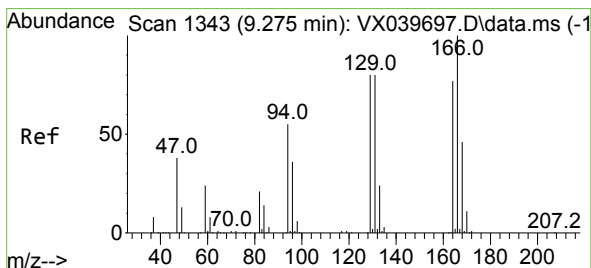
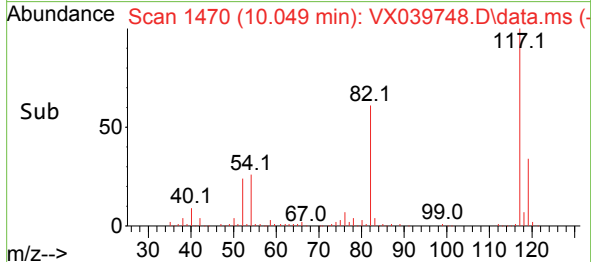
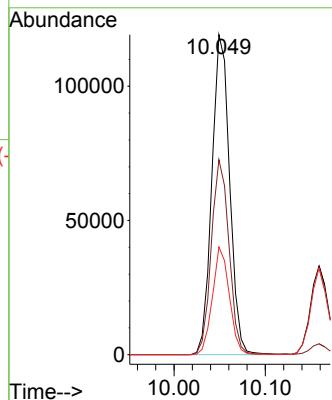
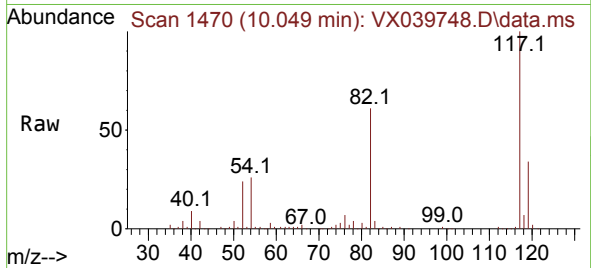




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

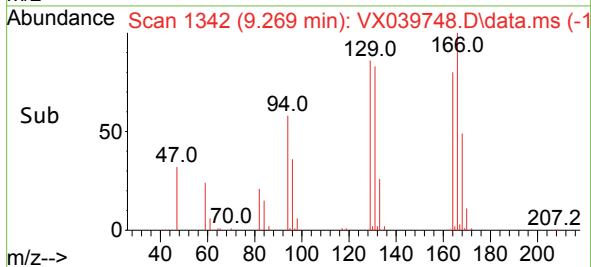
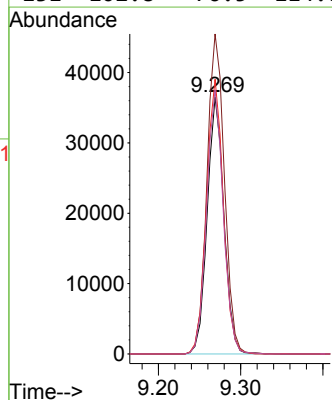
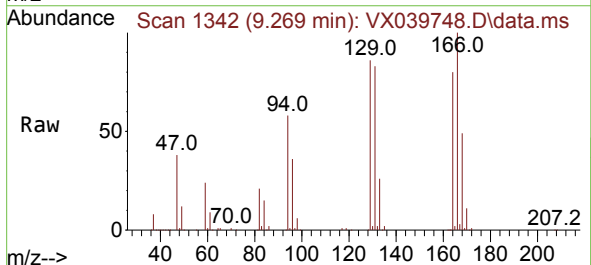
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

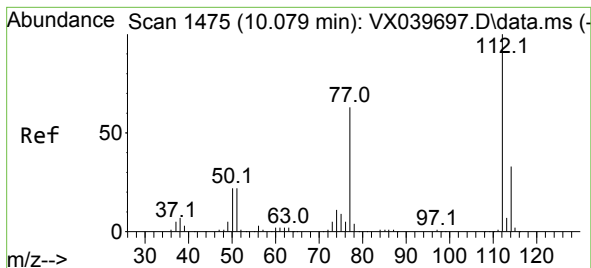
Tgt Ion:117 Resp: 160736
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 33.7 25.5 38.3



#64
Tetrachloroethene
Concen: 49.187 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:164 Resp: 51414
Ion Ratio Lower Upper
164 100
166 124.6 102.7 154.1
129 106.9 80.4 120.6
131 102.8 76.5 114.7

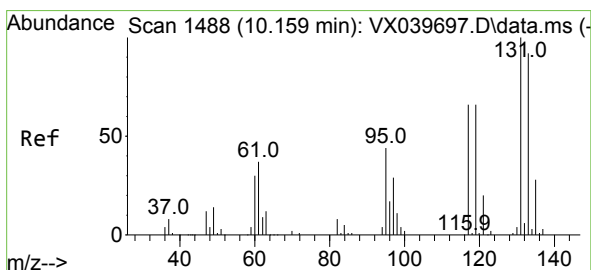
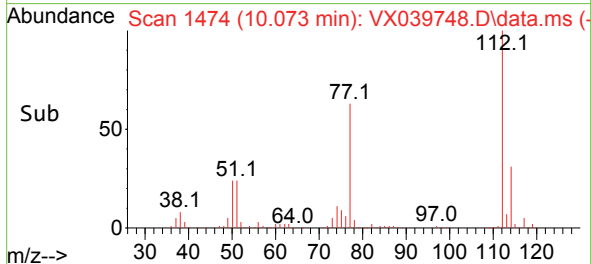
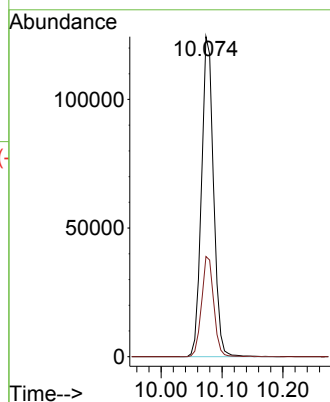
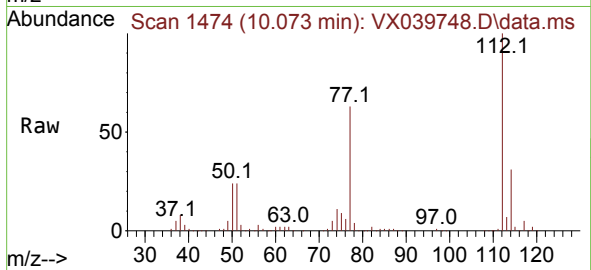




#65
Chlorobenzene
Concen: 51.193 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

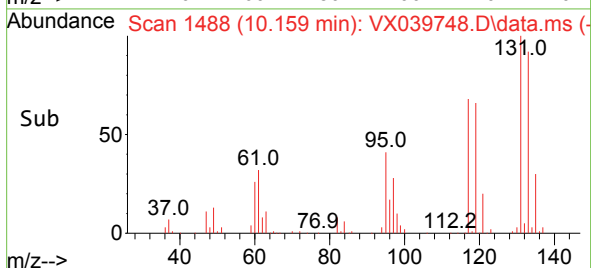
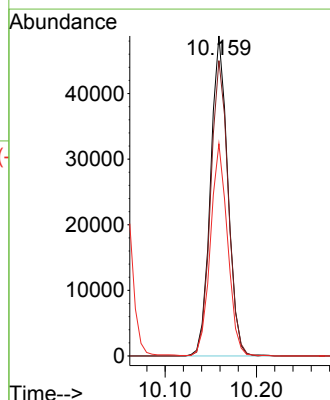
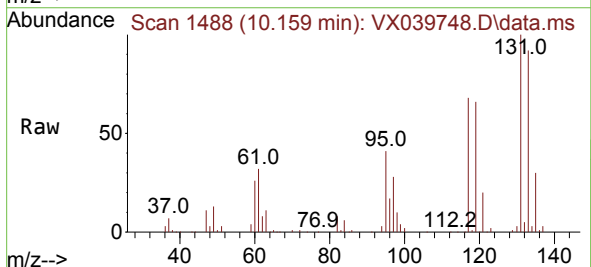
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

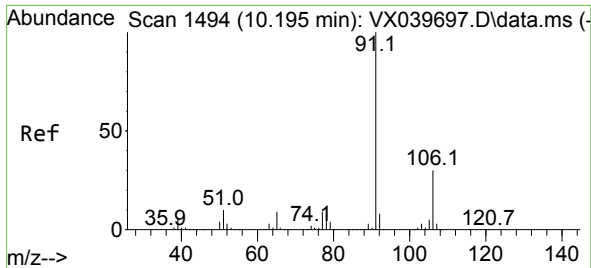
Tgt Ion:112 Resp: 171381
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.955 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:131 Resp: 63785
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 65.9 32.2 96.6

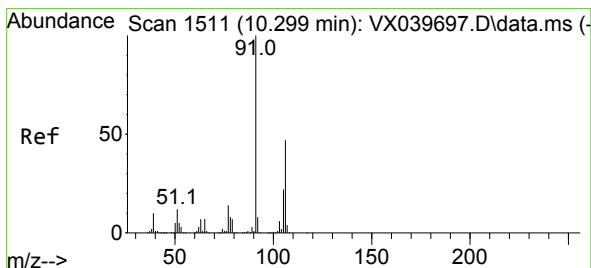
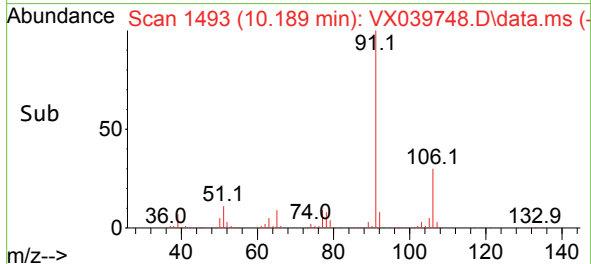
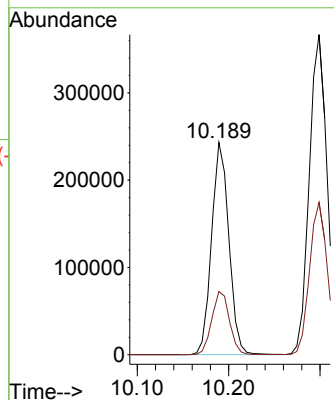
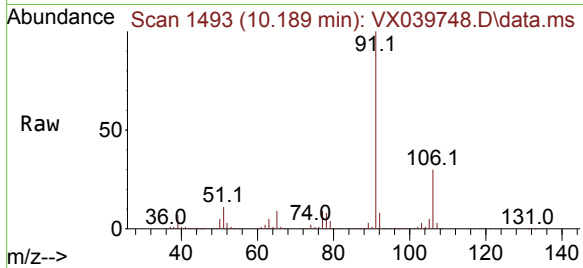




#67
Ethyl Benzene
Concen: 51.312 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

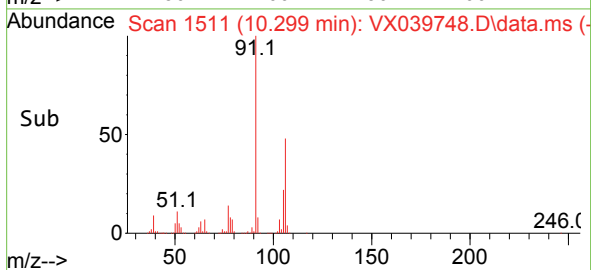
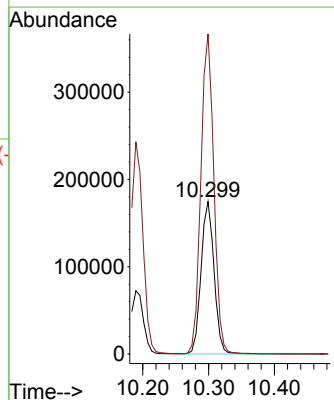
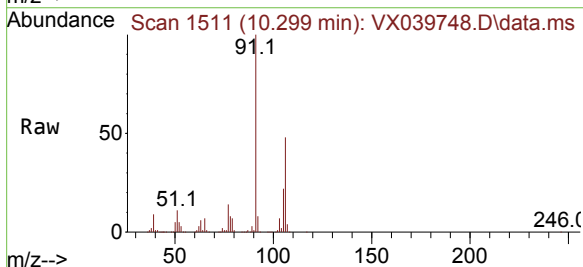
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

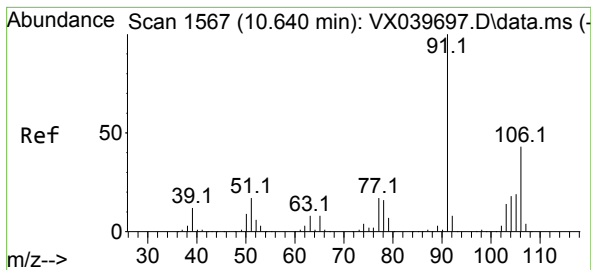
Tgt Ion: 91 Resp: 318920
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3



#68
m/p-Xylenes
Concen: 104.519 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:106 Resp: 238910
Ion Ratio Lower Upper
106 100
91 210.5 165.5 248.3





#69

o-Xylene

Concen: 51.714 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

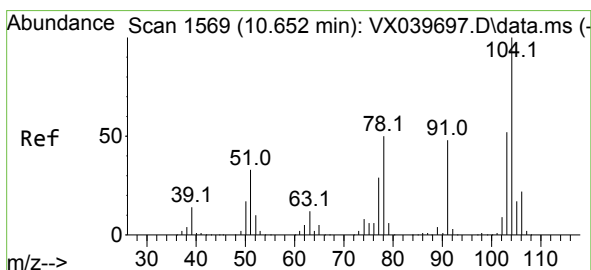
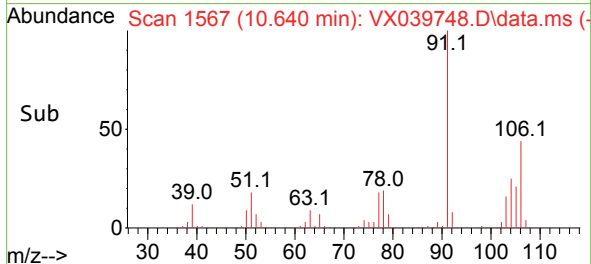
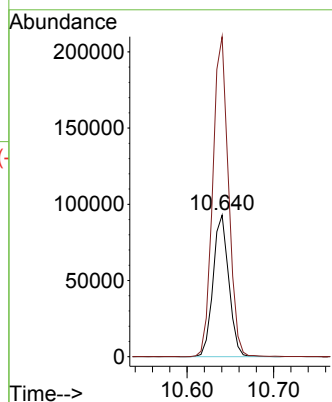
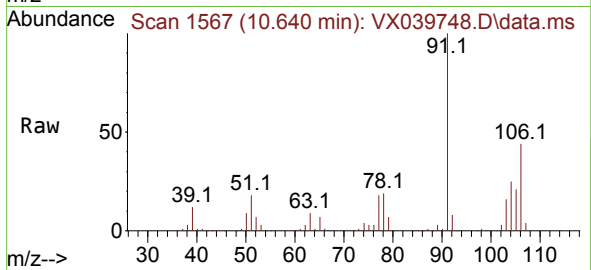
VSTDCCC050

Tgt Ion:106 Resp: 117064

Ion Ratio Lower Upper

106 100

91 226.2 108.9 326.8



#70

Styrene

Concen: 52.738 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

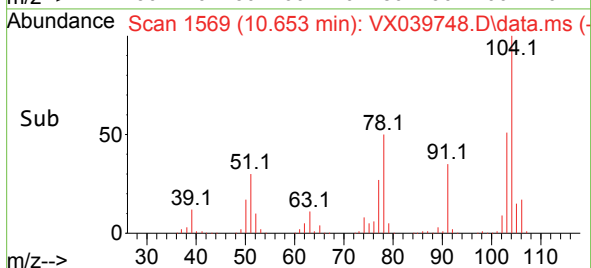
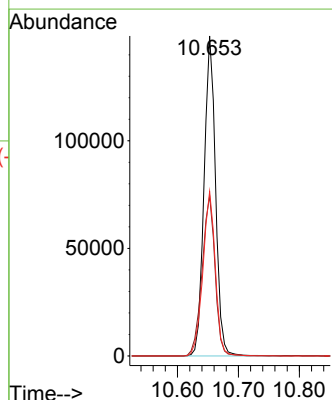
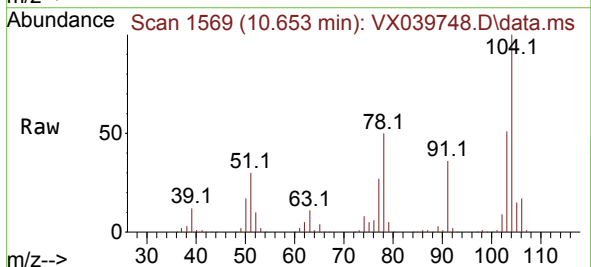
Tgt Ion:104 Resp: 195014

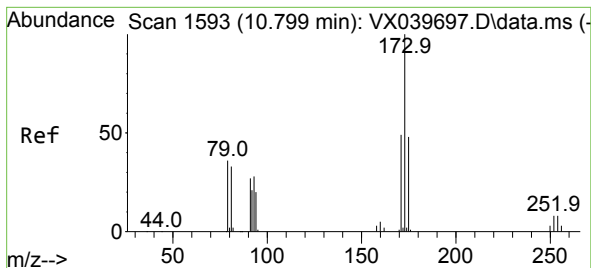
Ion Ratio Lower Upper

104 100

78 56.4 43.6 65.4

103 55.7 43.6 65.4





#71

Bromoform

Concen: 58.052 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

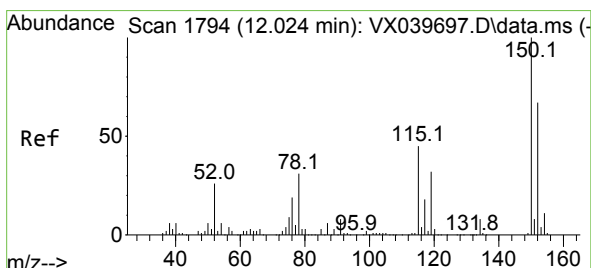
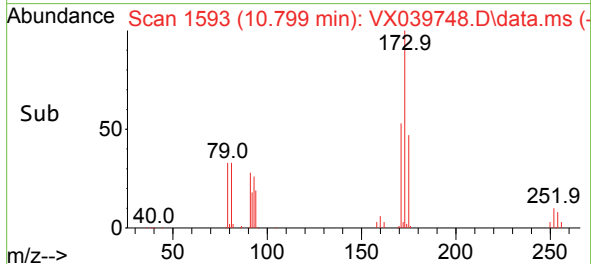
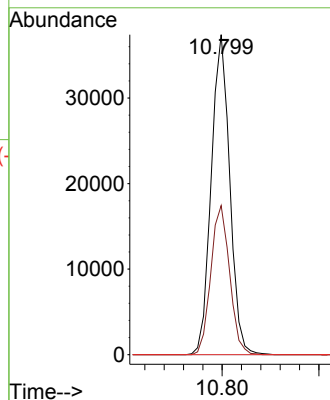
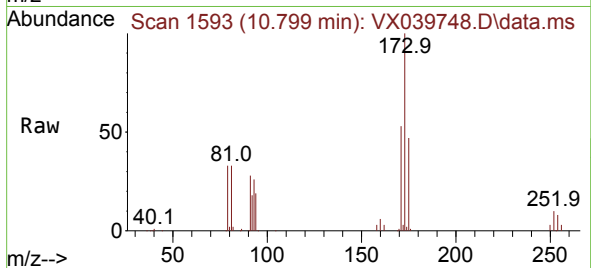
Tgt Ion:173 Resp: 49690

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

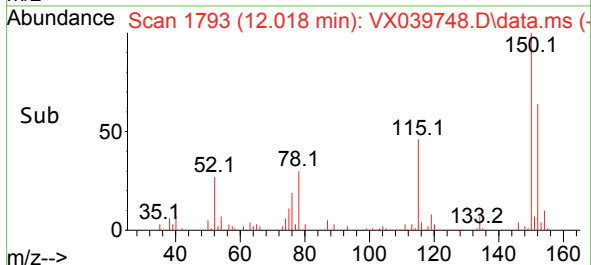
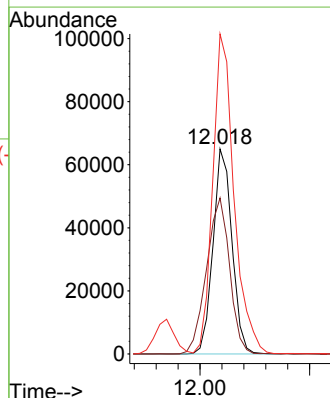
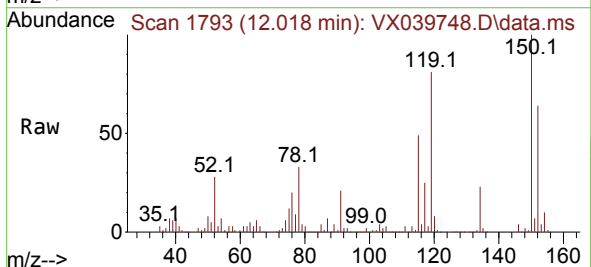
Tgt Ion:152 Resp: 78095

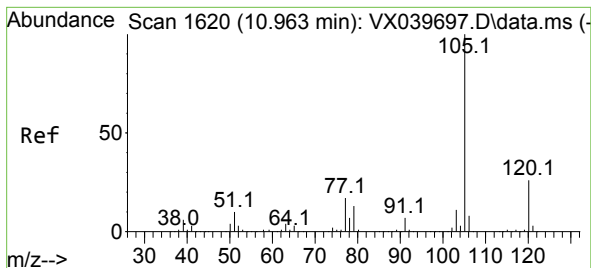
Ion Ratio Lower Upper

152 100

115 92.7 43.3 129.9

150 174.7 0.0 345.0





#73

Isopropylbenzene

Concen: 49.993 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

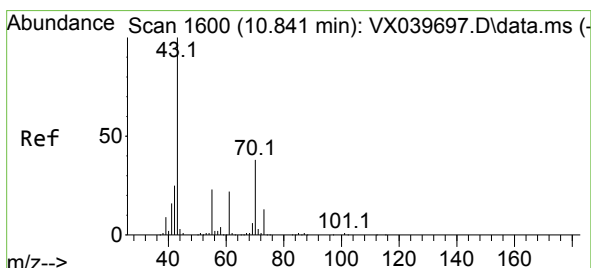
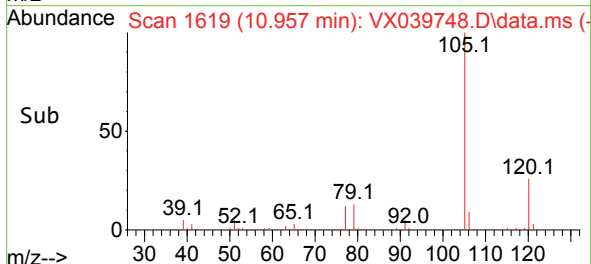
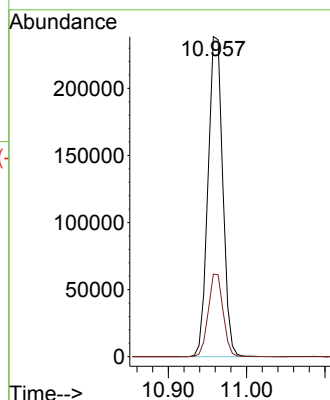
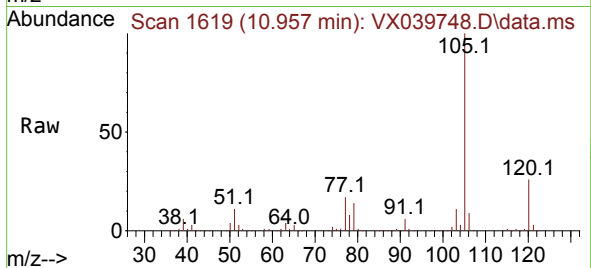
VSTDCCC050

Tgt Ion:105 Resp: 310841

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 54.104 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Tgt Ion: 43 Resp: 175350

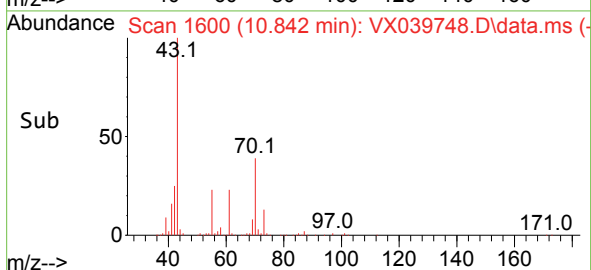
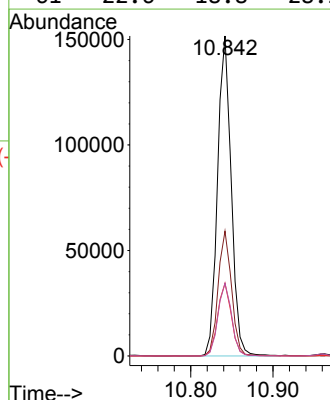
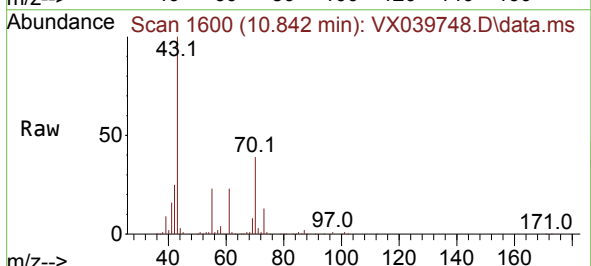
Ion Ratio Lower Upper

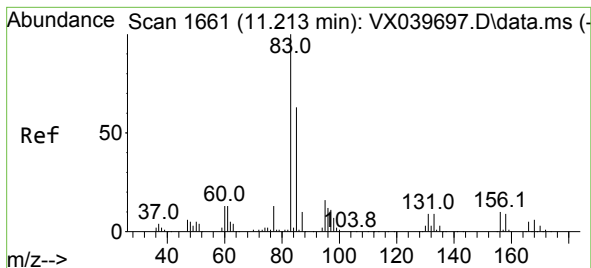
43 100

70 38.5 32.9 49.3

55 23.0 19.3 28.9

61 22.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.997 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

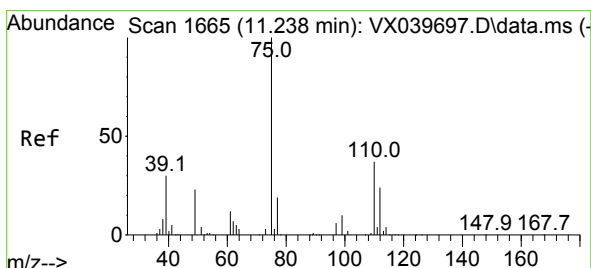
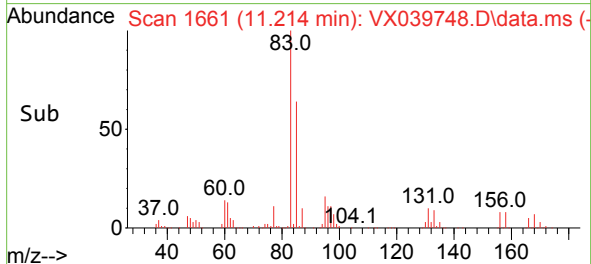
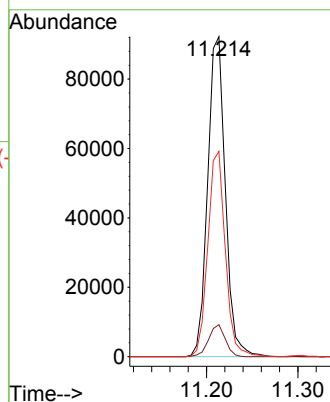
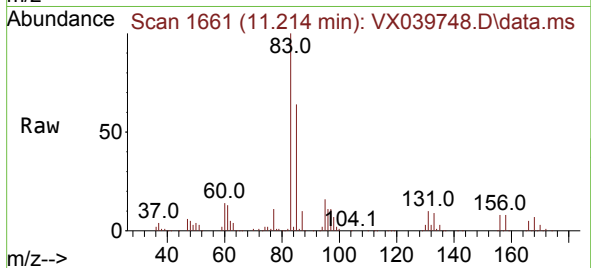
Tgt Ion: 83 Resp: 123453

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 63.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 68.318 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039748.D

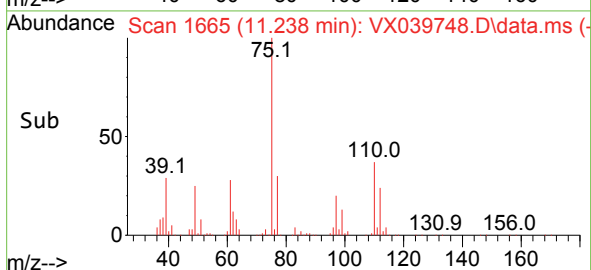
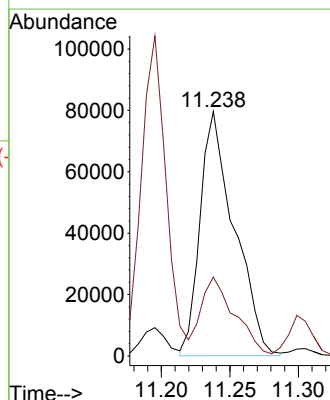
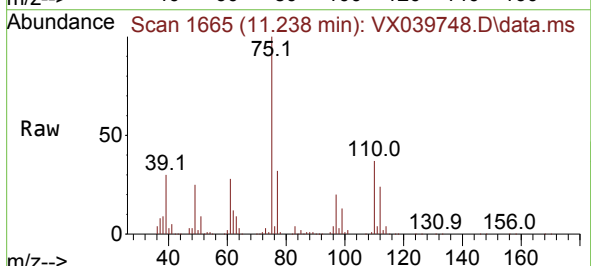
Acq: 15 Jan 2024 11:41

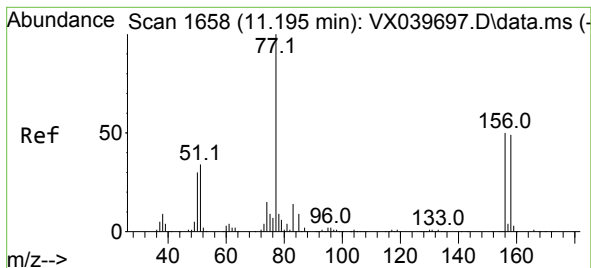
Tgt Ion: 75 Resp: 138322

Ion Ratio Lower Upper

75 100

77 31.9 19.1 57.5





#77

Bromobenzene

Concen: 52.144 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

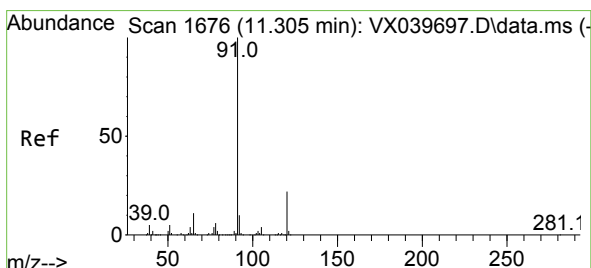
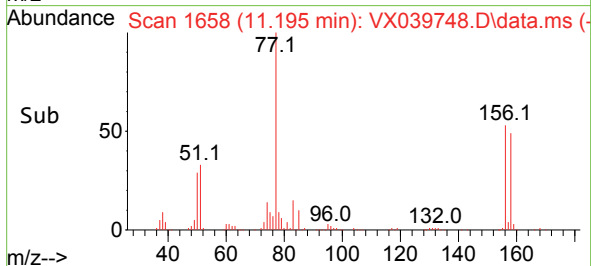
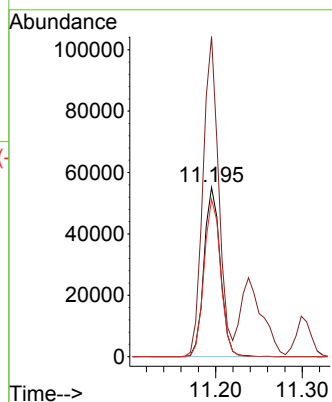
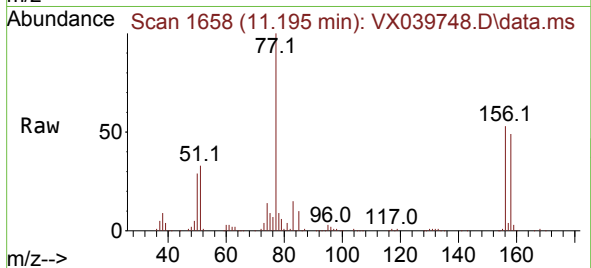
Tgt Ion:156 Resp: 72187

Ion Ratio Lower Upper

156 100

77 183.0 88.4 265.3

158 94.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.020 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX039748.D

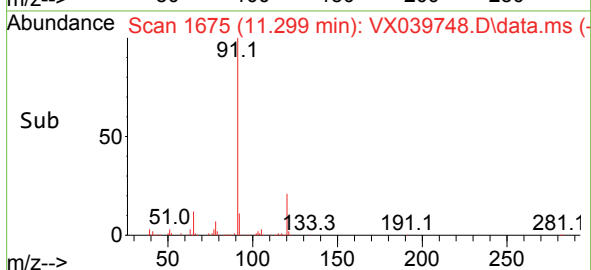
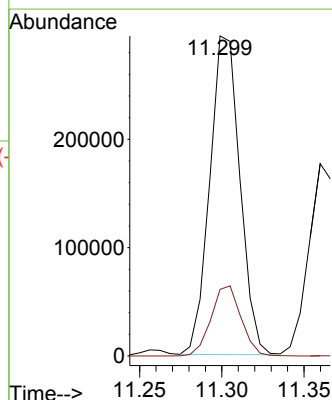
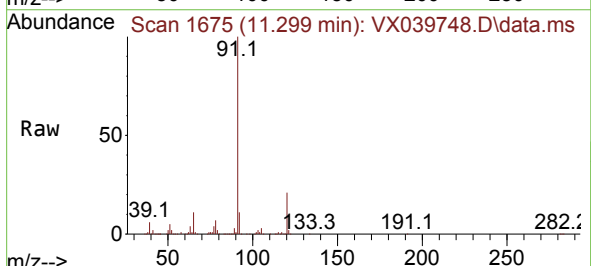
Acq: 15 Jan 2024 11:41

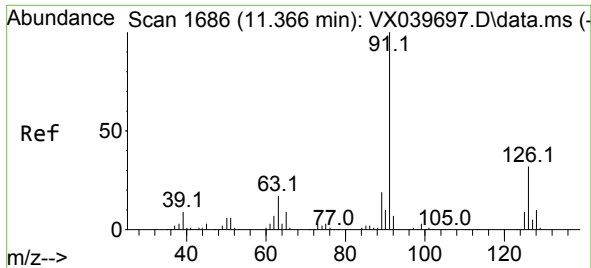
Tgt Ion: 91 Resp: 376424

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

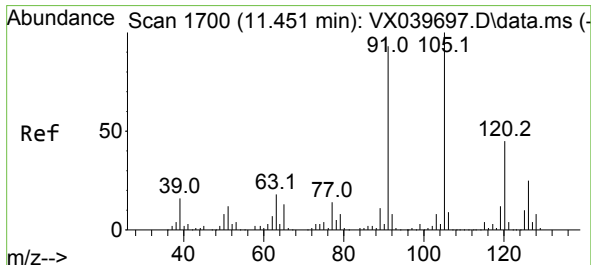
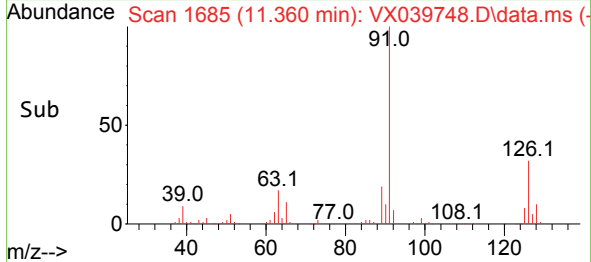
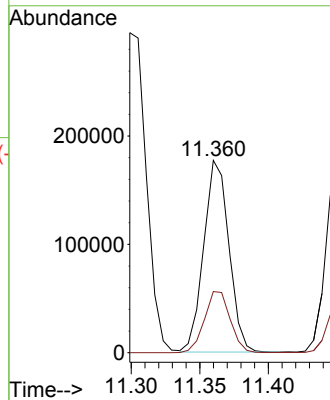
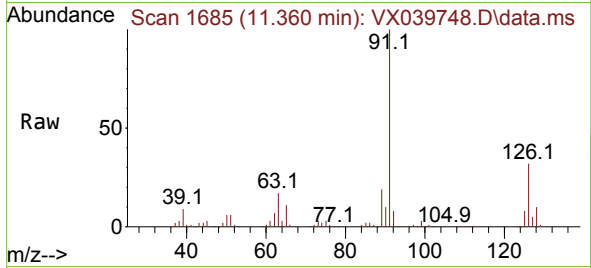




#79
2-Chlorotoluene
Concen: 48.575 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

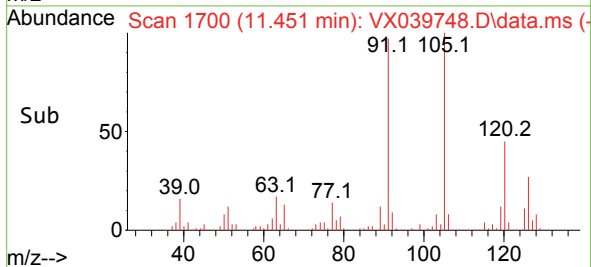
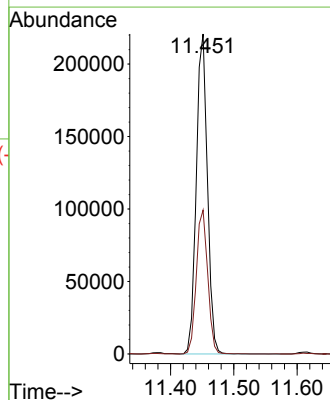
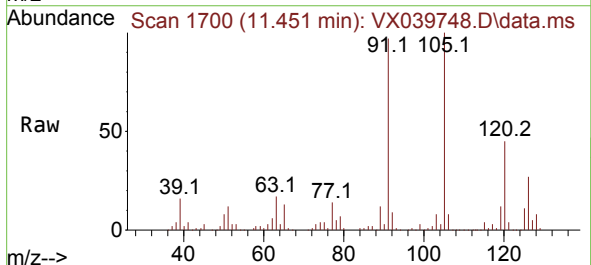
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

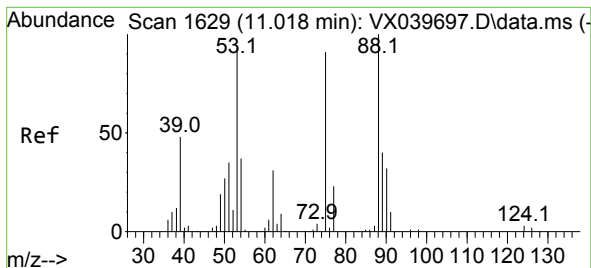
Tgt Ion: 91 Resp: 225929
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.189 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 105 Resp: 270317
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3

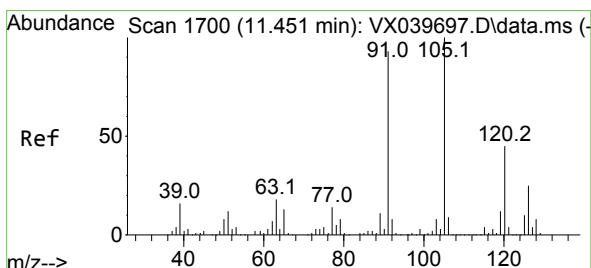
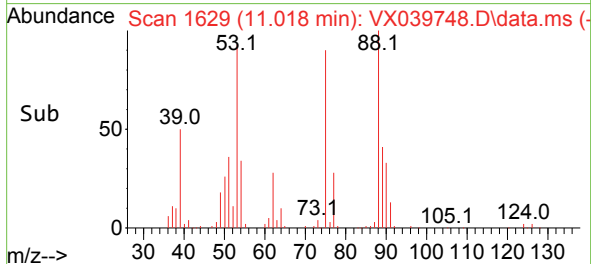
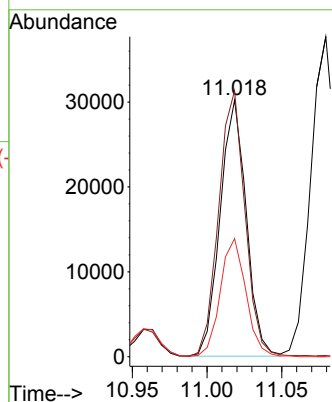
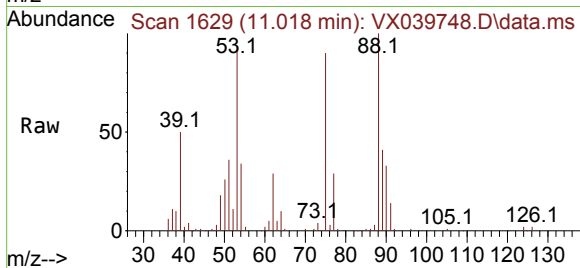




#81
trans-1,4-Dichloro-2-butene
Concen: 53.690 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

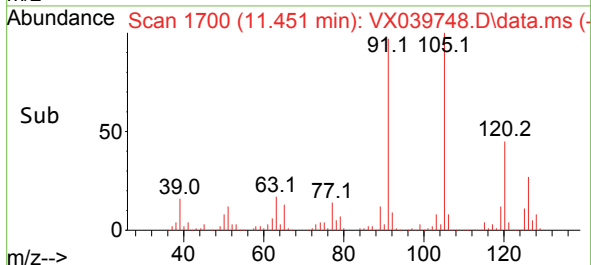
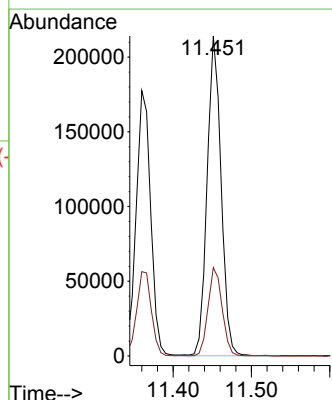
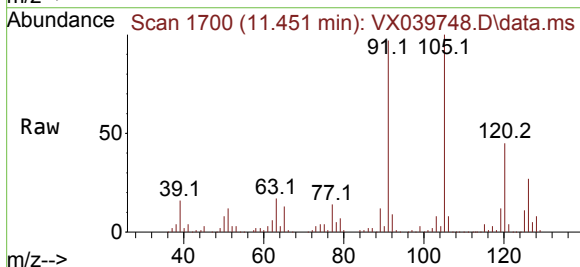
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

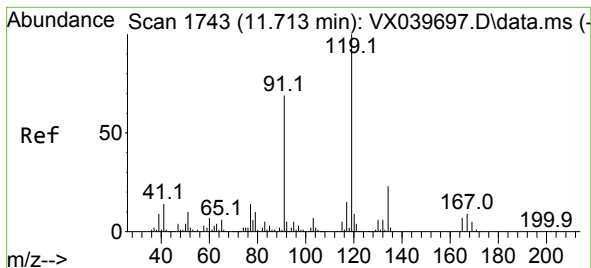
Tgt Ion: 75 Resp: 36696
Ion Ratio Lower Upper
75 100
53 105.3 90.5 135.7
89 45.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.981 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 91 Resp: 263687
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.771 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

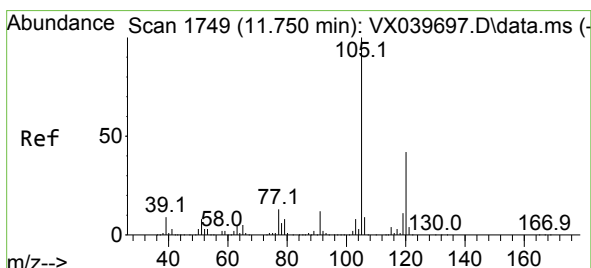
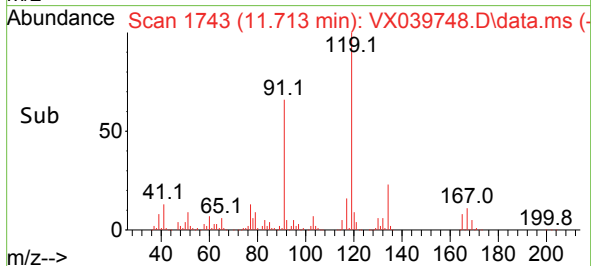
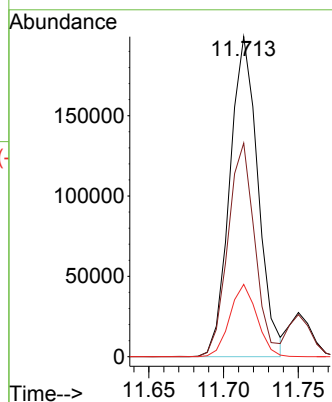
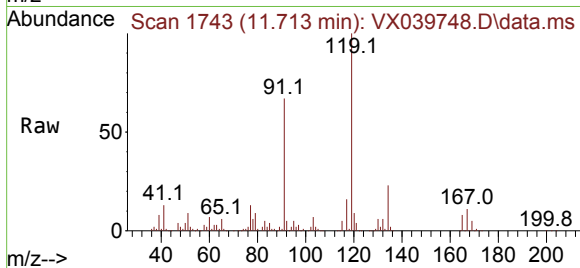
Tgt Ion:119 Resp: 261007

Ion Ratio Lower Upper

119 100

91 64.2 31.2 93.6

134 21.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.091 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039748.D

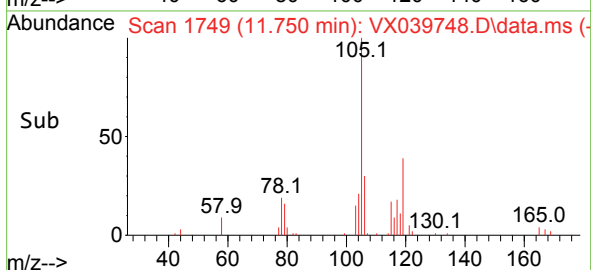
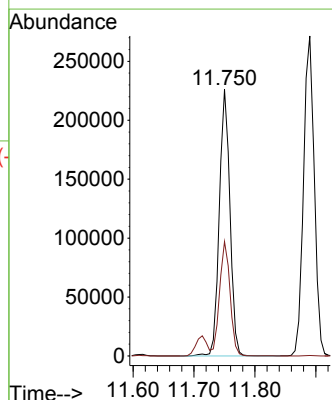
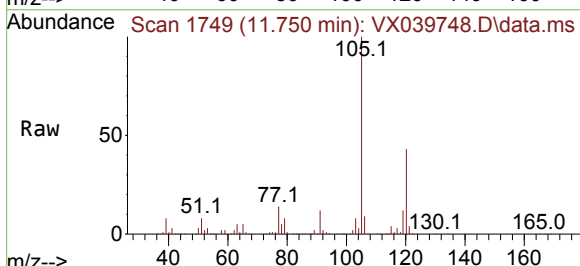
Acq: 15 Jan 2024 11:41

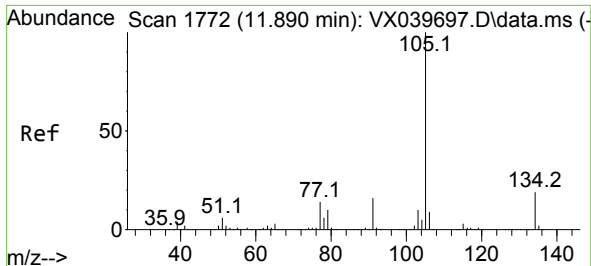
Tgt Ion:105 Resp: 274435

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6

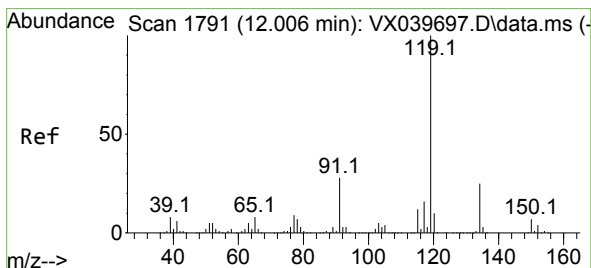
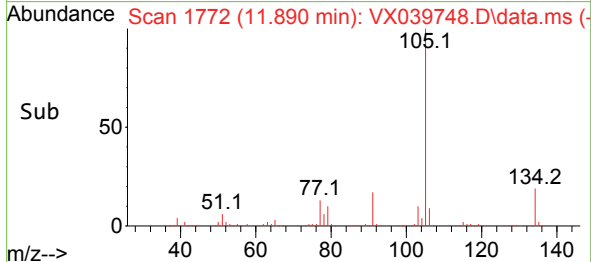
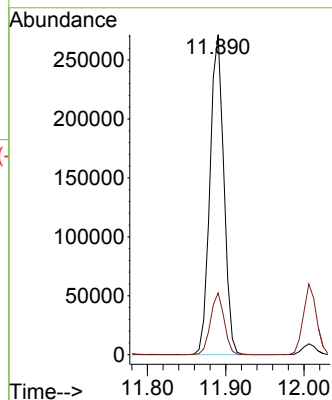
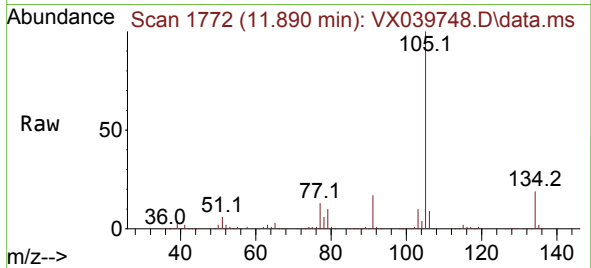




#85
 sec-Butylbenzene
 Concen: 50.893 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

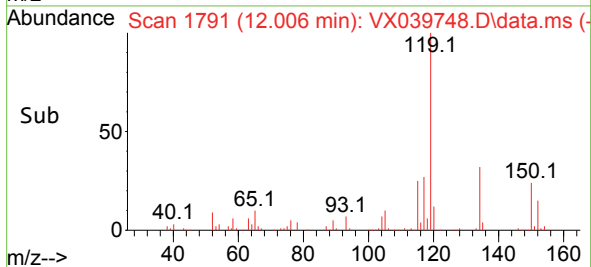
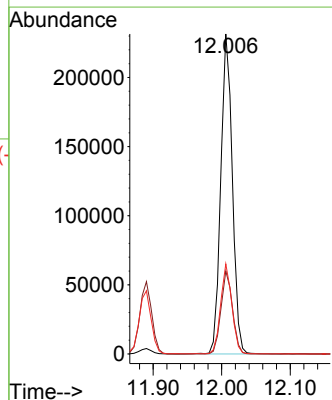
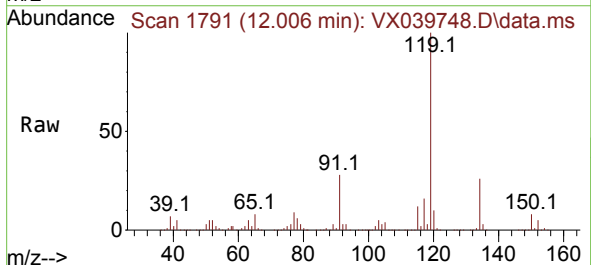
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

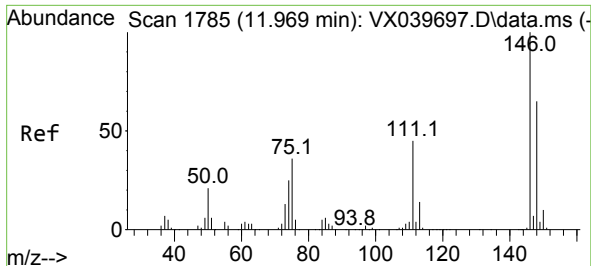
Tgt Ion:105 Resp: 333067
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.759 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

Tgt Ion:119 Resp: 270731
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 27.4 13.1 39.3

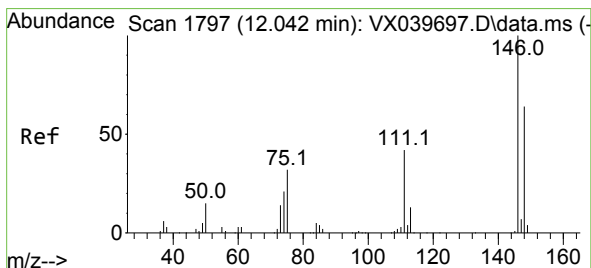
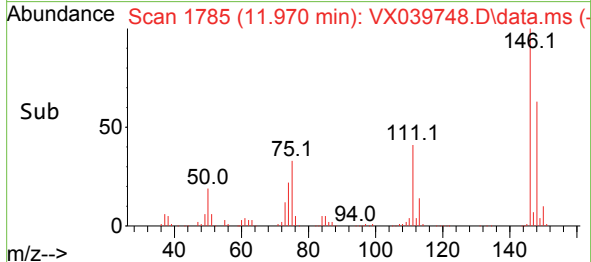
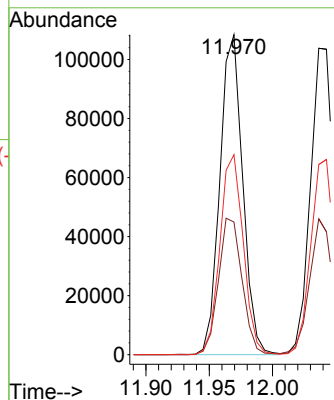
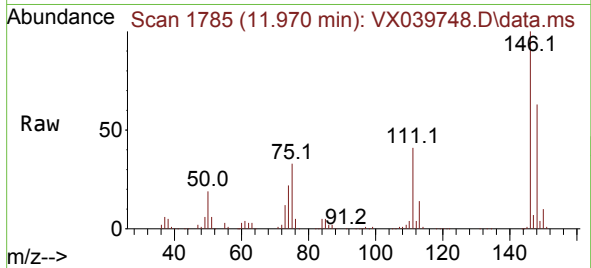




#87
1,3-Dichlorobenzene
Concen: 51.281 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

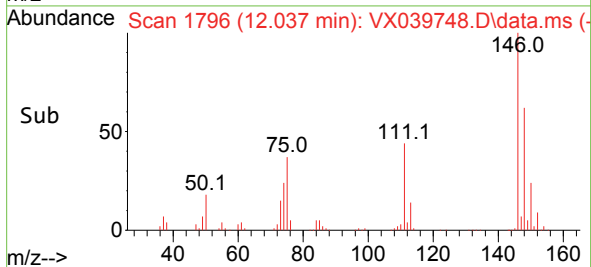
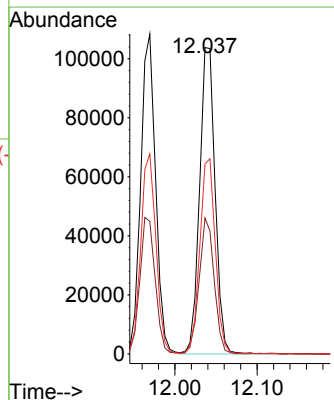
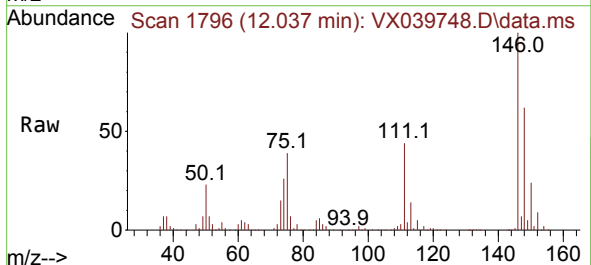
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

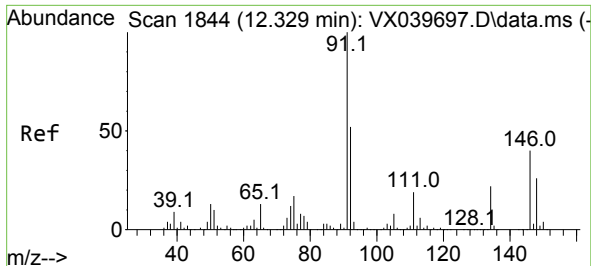
Tgt Ion:146 Resp: 136086
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.1
148 63.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.810 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:146 Resp: 136521
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.7
148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 48.934 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

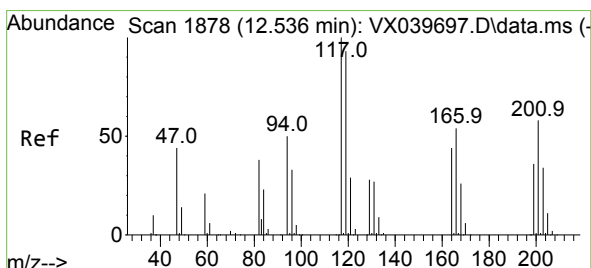
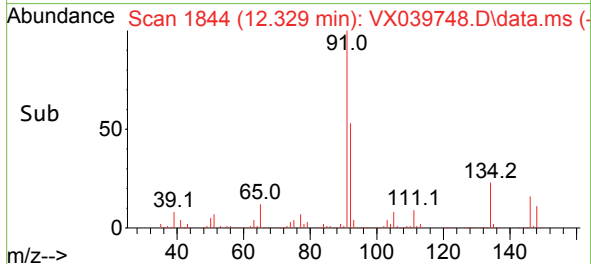
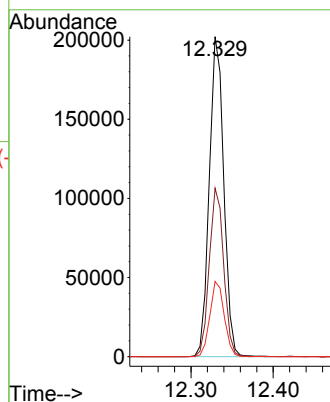
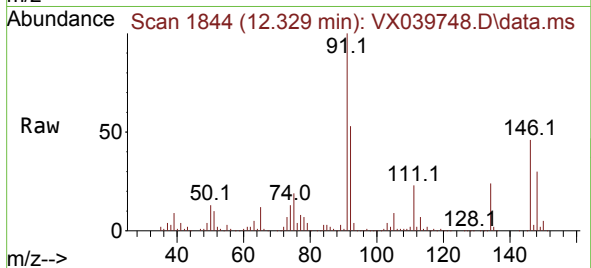
Tgt Ion: 91 Resp: 247212

Ion Ratio Lower Upper

91 100

92 52.4 27.4 82.0

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 53.124 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039748.D

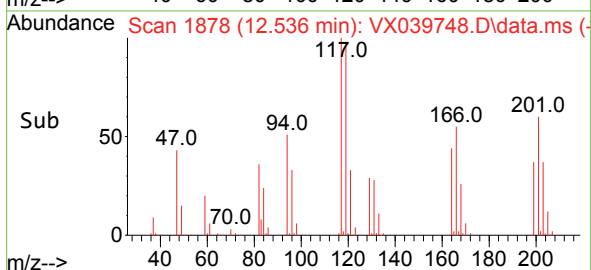
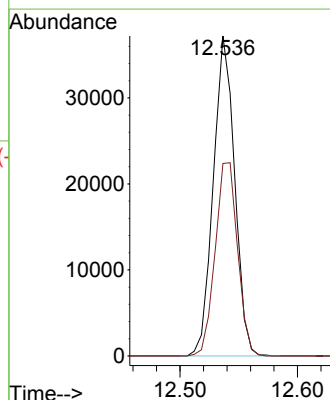
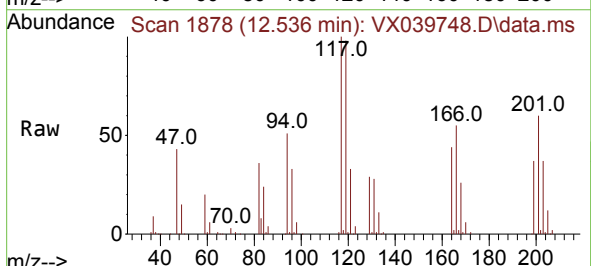
Acq: 15 Jan 2024 11:41

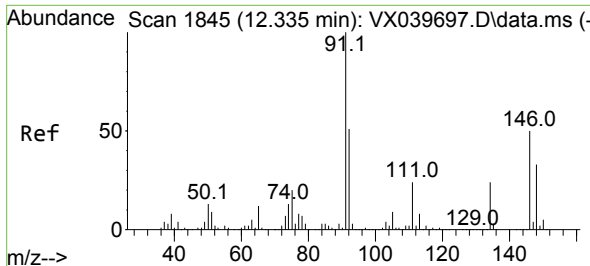
Tgt Ion: 117 Resp: 46877

Ion Ratio Lower Upper

117 100

201 63.7 32.9 98.6

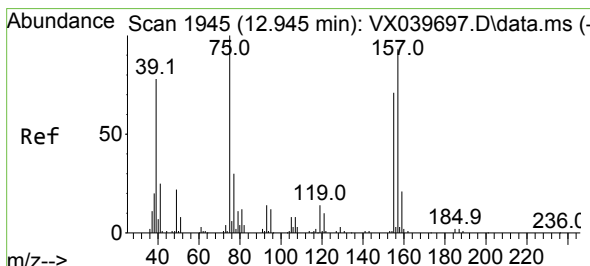
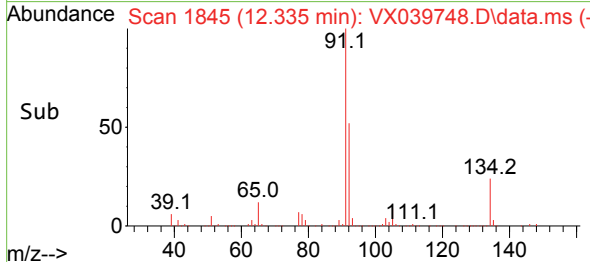
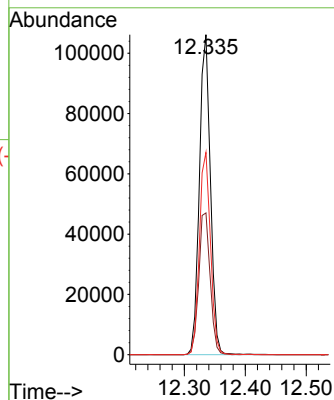
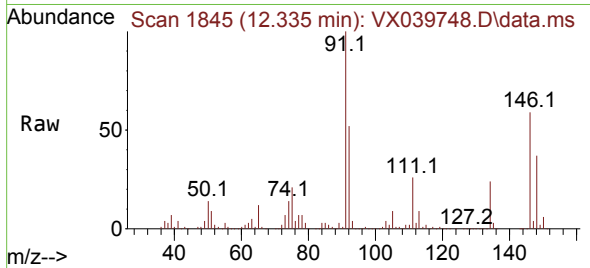




#91
1,2-Dichlorobenzene
Concen: 50.757 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

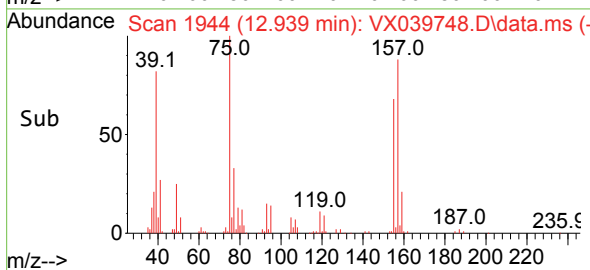
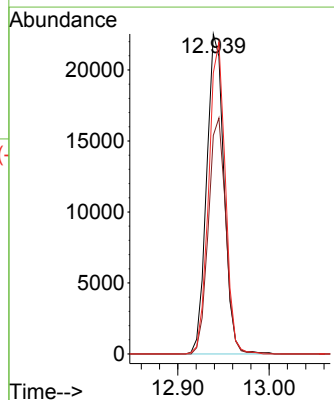
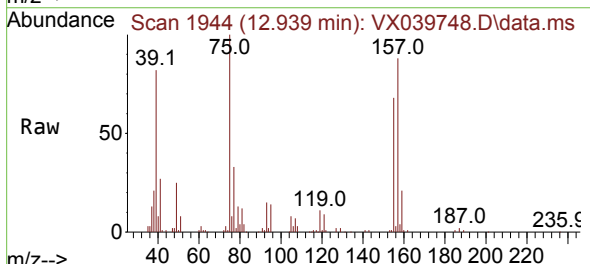
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

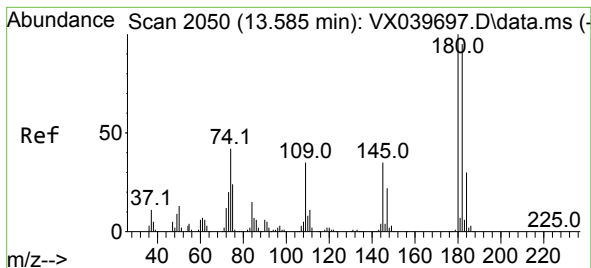
Tgt Ion:146 Resp: 133162
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 63.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.008 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 75 Resp: 29676
Ion Ratio Lower Upper
75 100
155 74.0 36.1 108.5
157 93.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.438 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

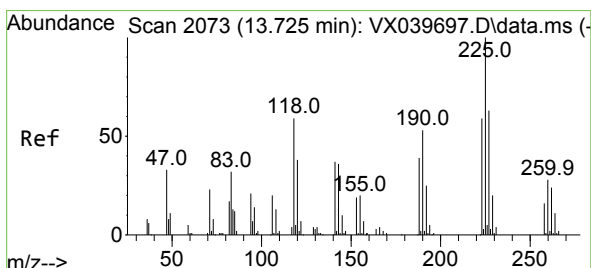
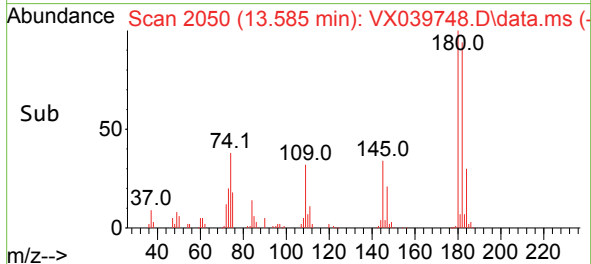
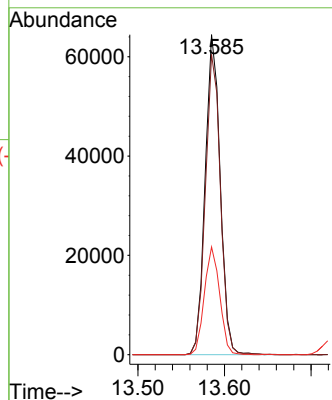
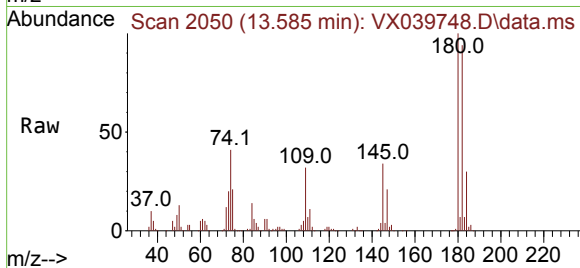
Tgt Ion:180 Resp: 77659

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.8

145 34.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 48.976 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

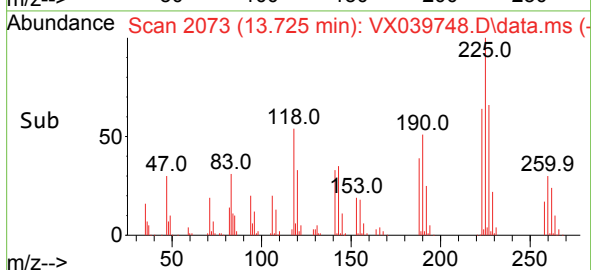
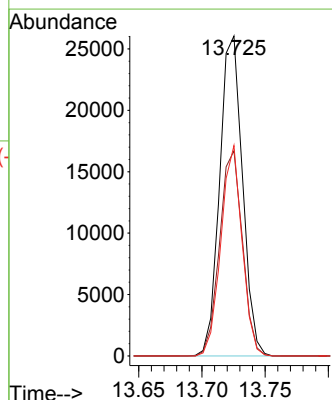
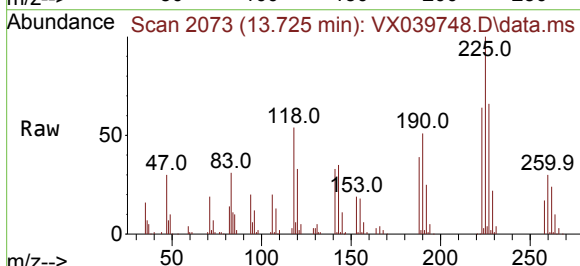
Tgt Ion:225 Resp: 32641

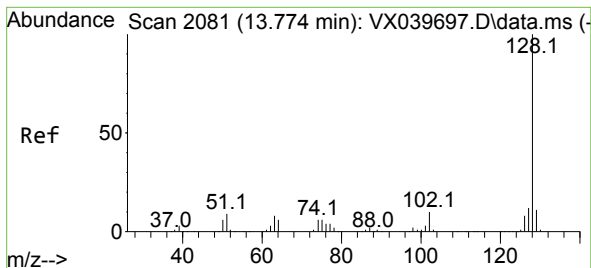
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 60.8 32.5 97.5





#95

Naphthalene

Concen: 51.090 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

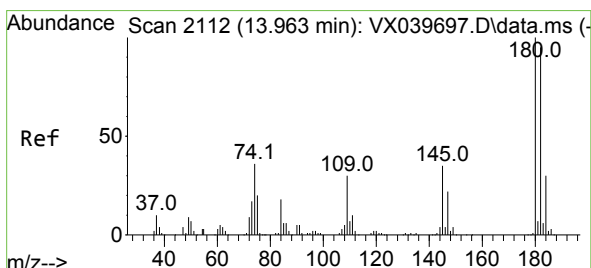
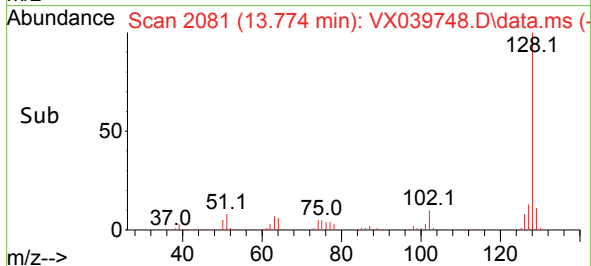
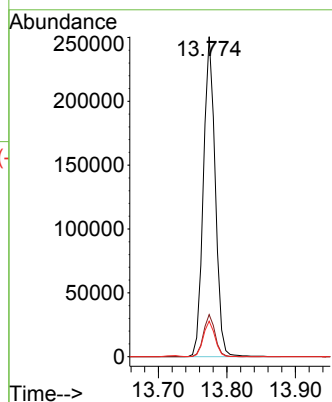
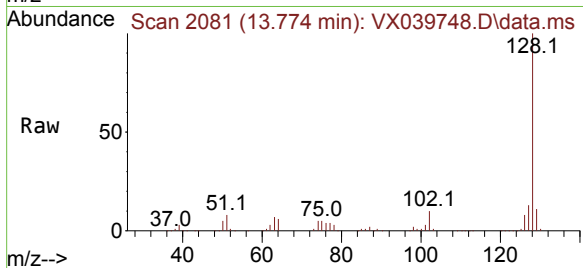
Tgt Ion:128 Resp: 301540

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.577 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Tgt Ion:180 Resp: 80221

Ion Ratio Lower Upper

180 100

182 93.1 46.9 140.6

145 36.4 17.8 53.5

