

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040527.D
 Acq On : 29 Feb 2024 10:55
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 01 03:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73962	48.880	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.385	113	52764	51.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	8.647	98	188206	50.558	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.079	95	76759	54.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.180%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	53702	47.699	ug/l 99
3) Chloromethane	1.295	50	49819	44.612	ug/l 97
4) Vinyl Chloride	1.374	62	54420	45.065	ug/l 99
5) Bromomethane	1.599	94	37521	55.911	ug/l 91
6) Chloroethane	1.685	64	34882	45.644	ug/l 98
7) Trichlorofluoromethane	1.886	101	85683	44.925	ug/l 98
8) Diethyl Ether	2.130	74	27877	41.816	ug/l 97
9) 1,1,2-Trichlorotrifluo...	2.325	101	50714	49.398	ug/l 99
10) Methyl Iodide	2.447	142	55468	51.844	ug/l 99
11) Tert butyl alcohol	2.953	59	63244	248.634	ug/l # 91
12) 1,1-Dichloroethene	2.319	96	45833	44.467	ug/l 97
13) Acrolein	2.233	56	48658	298.370	ug/l 100
14) Allyl chloride	2.660	41	85565	47.451	ug/l 93
15) Acrylonitrile	3.063	53	143925	225.570	ug/l 98
16) Acetone	2.374	43	156288	316.720	ug/l 98
17) Carbon Disulfide	2.514	76	116434	40.793	ug/l 100
18) Methyl Acetate	2.697	43	72183	47.448	ug/l 98
19) Methyl tert-butyl Ether	3.111	73	170505	48.498	ug/l 99
20) Methylene Chloride	2.788	84	52955	44.844	ug/l 94
21) trans-1,2-Dichloroethene	3.087	96	49333	44.879	ug/l 95
22) Diisopropyl ether	3.757	45	170195	46.967	ug/l 94
23) Vinyl Acetate	3.715	43	804198	242.270	ug/l 100
24) 1,1-Dichloroethane	3.605	63	98204	46.473	ug/l 98
25) 2-Butanone	4.544	43	222049	258.271	ug/l 99
26) 2,2-Dichloropropane	4.471	77	84118	49.997	ug/l 100
27) cis-1,2-Dichloroethene	4.483	96	59404	46.194	ug/l 99
28) Bromochloromethane	4.891	49	42187	47.726	ug/l 98
29) Tetrahydrofuran	4.995	42	136780	228.052	ug/l 97
30) Chloroform	5.087	83	107816	48.068	ug/l 98
31) Cyclohexane	5.465	56	77873	45.426	ug/l 94
32) 1,1,1-Trichloroethane	5.379	97	95486	49.877	ug/l 97
36) 1,1-Dichloropropene	5.690	75	76340	48.316	ug/l 98
37) Ethyl Acetate	4.709	43	82708	47.830	ug/l 99
38) Carbon Tetrachloride	5.672	117	79799	52.280	ug/l 99
39) Methylcyclohexane	7.379	83	85740	50.261	ug/l 96
40) Benzene	6.031	78	204328	47.765	ug/l 99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 01 03:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	46950	48.608	ug/l	96
42) 1,2-Dichloroethane	6.080	62	93886	53.027	ug/l	98
43) Isopropyl Acetate	6.336	43	135023	49.764	ug/l	98
44) Trichloroethene	7.123	130	56594	49.193	ug/l	93
45) 1,2-Dichloropropane	7.428	63	55188	48.205	ug/l	98
46) Dibromomethane	7.580	93	41543	49.356	ug/l	98
47) Bromodichloromethane	7.818	83	83585	50.436	ug/l	96
48) Methyl methacrylate	7.690	41	71036	52.380	ug/l	95
49) 1,4-Dioxane	7.653	88	27492	1071.632	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	456402	254.414	ug/l	98
52) Toluene	8.714	92	132487	50.465	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	83783	49.815	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	93043	51.467	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	52005	47.733	ug/l	94
56) Ethyl methacrylate	9.116	69	83547	49.597	ug/l	95
57) 1,3-Dichloropropane	9.305	76	88171	46.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	222949	252.421	ug/l	97
59) 2-Hexanone	9.427	43	336230	243.778	ug/l	96
60) Dibromochloromethane	9.519	129	58603	49.522	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57667	48.505	ug/l	100
64) Tetrachloroethene	9.269	164	45887	50.287	ug/l	97
65) Chlorobenzene	10.080	112	135159	48.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51128	52.477	ug/l	100
67) Ethyl Benzene	10.189	91	259891	51.355	ug/l	98
68) m/p-Xylenes	10.299	106	194992	103.183	ug/l	94
69) o-Xylene	10.640	106	99872	55.257	ug/l	93
70) Styrene	10.653	104	168026	55.766	ug/l	97
71) Bromoform	10.799	173	46579	58.404	ug/l #	99
73) Isopropylbenzene	10.964	105	272350	49.818	ug/l	100
74) N-amyl acetate	10.842	43	126989	50.014	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	92717	46.896	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	104781	64.135	ug/l	90
77) Bromobenzene	11.195	156	63994	49.505	ug/l	98
78) n-propylbenzene	11.305	91	337854	49.823	ug/l	98
79) 2-Chlorotoluene	11.360	91	199284	48.818	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237617	51.107	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	25452	47.248	ug/l	93
82) 4-Chlorotoluene	11.451	91	235467	49.881	ug/l	99
83) tert-Butylbenzene	11.713	119	225649	51.479	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	238114	51.618	ug/l	100
85) sec-Butylbenzene	11.890	105	297482	51.659	ug/l	100
86) p-Isopropyltoluene	12.006	119	246005	51.827	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127035	49.303	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	128162	48.861	ug/l	99
89) n-Butylbenzene	12.329	91	244141	52.279	ug/l	97
90) Hexachloroethane	12.536	117	41370	52.367	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	122898	50.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24344	52.816	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	84311	52.614	ug/l	97
94) Hexachlorobutadiene	13.725	225	35127	53.636	ug/l	97
95) Naphthalene	13.774	128	264544	51.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80245	52.680	ug/l	98

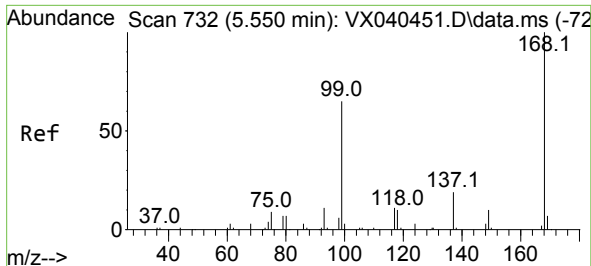
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VSTDCCC050

Quant Time: Mar 01 03:43:29 2024
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Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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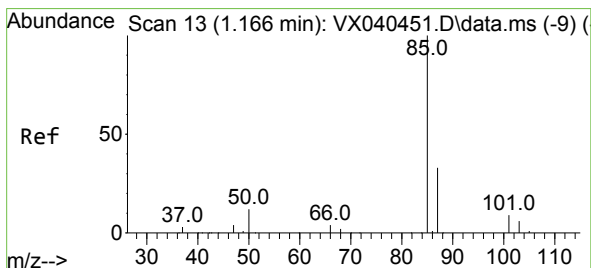
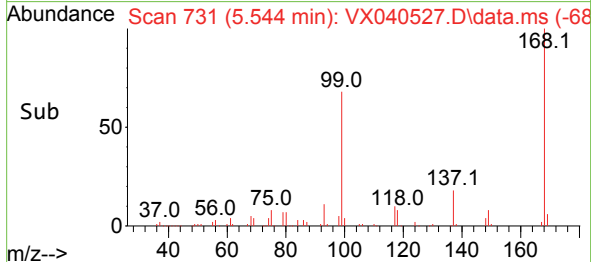
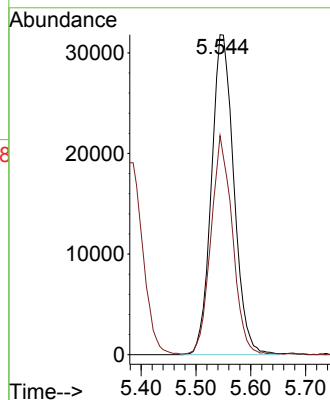
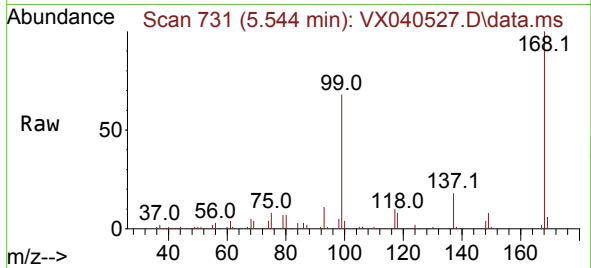
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

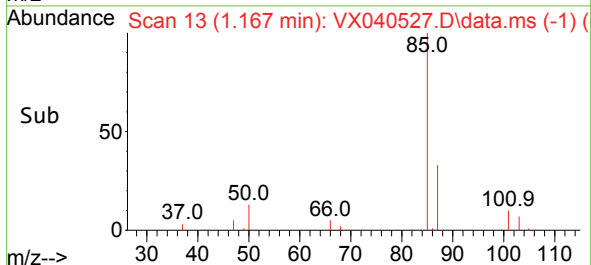
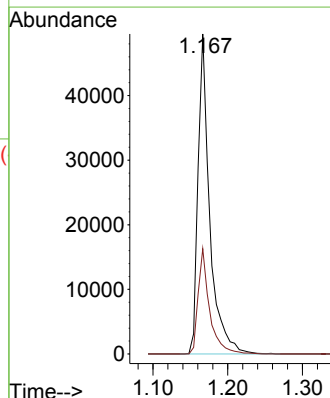
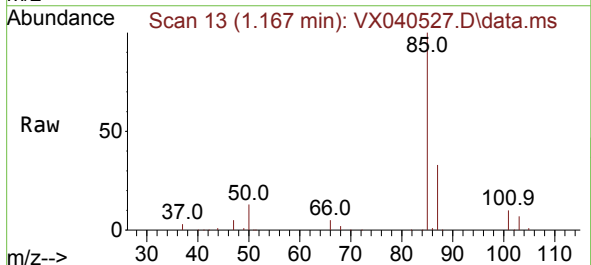
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

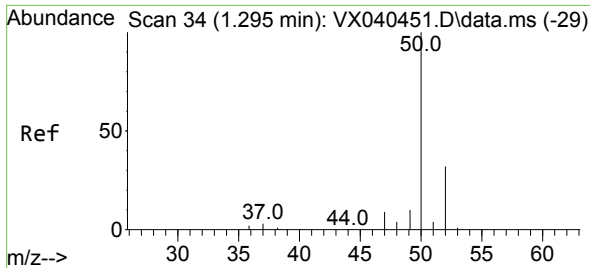
Tgt Ion:168 Resp: 90468
Ion Ratio Lower Upper
168 100
99 68.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 47.699 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 85 Resp: 53702
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1

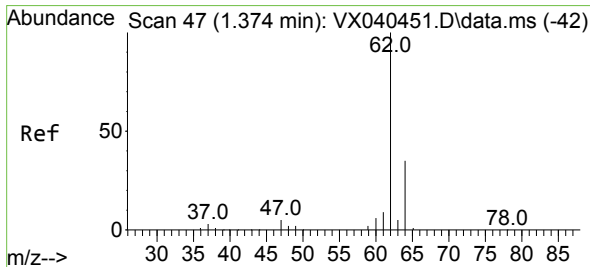
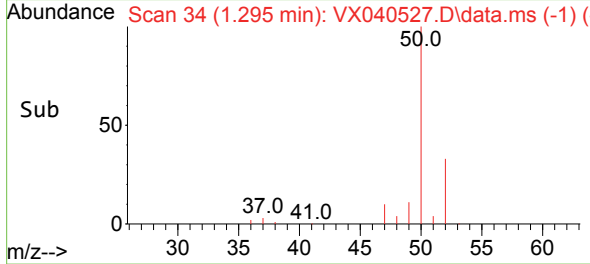
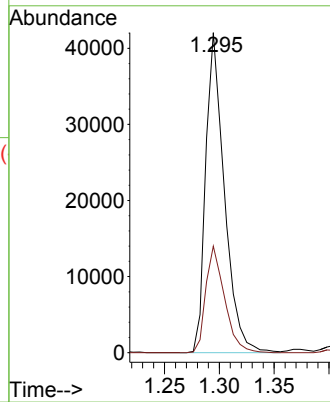
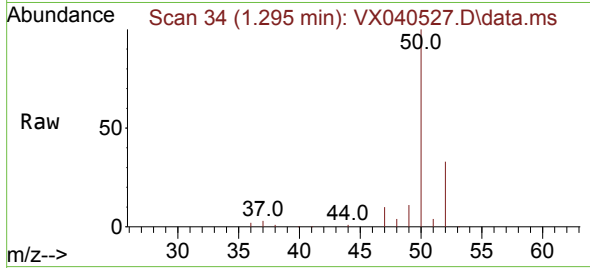




#3
Chloromethane
Concen: 44.612 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

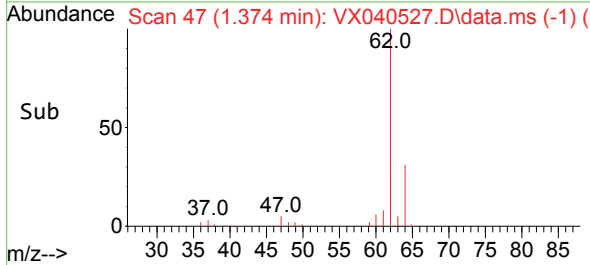
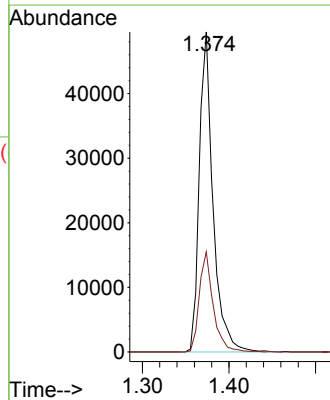
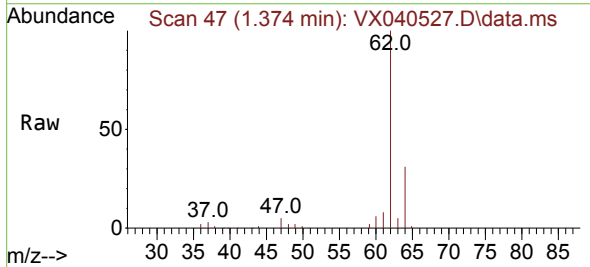
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

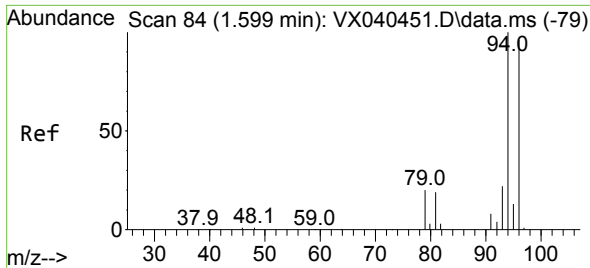
Tgt Ion: 50 Resp: 49819
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 45.065 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 62 Resp: 54420
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

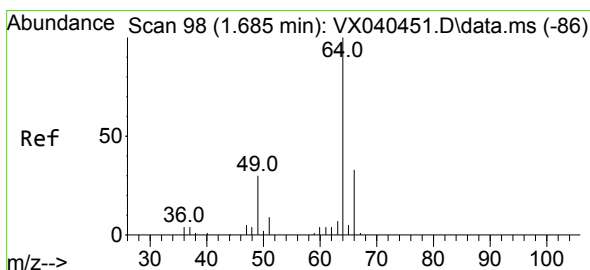
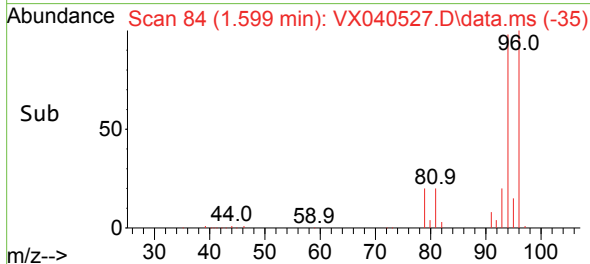
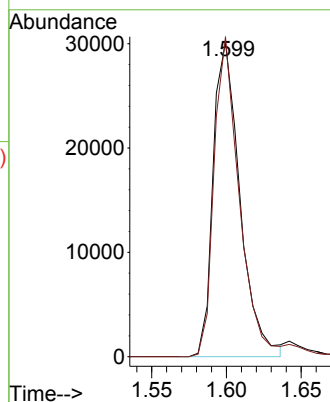
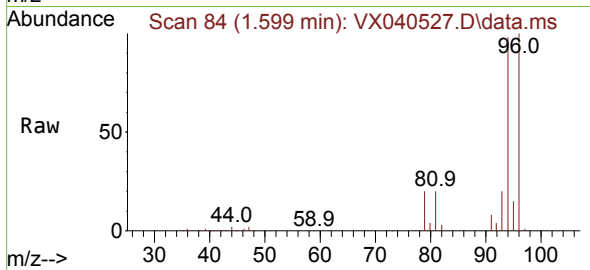




#5
Bromomethane
Concen: 55.911 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

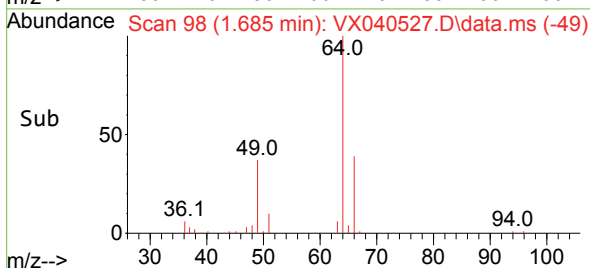
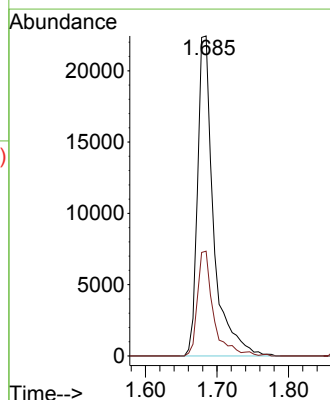
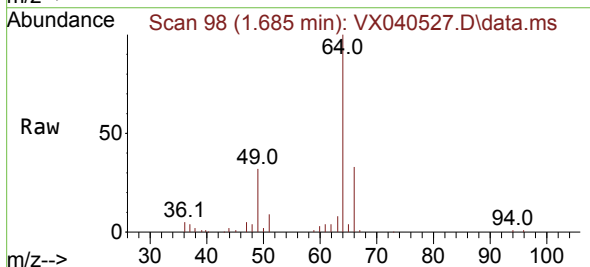
Instrument :
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ClientSampleId :
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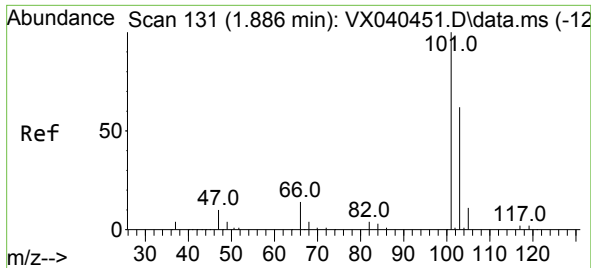
Tgt Ion: 94 Resp: 37521
Ion Ratio Lower Upper
94 100
96 101.8 74.6 111.8



#6
Chloroethane
Concen: 45.644 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 64 Resp: 34882
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7

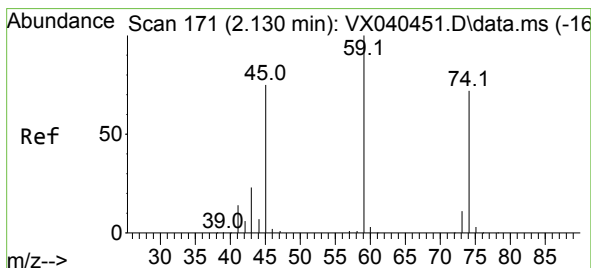
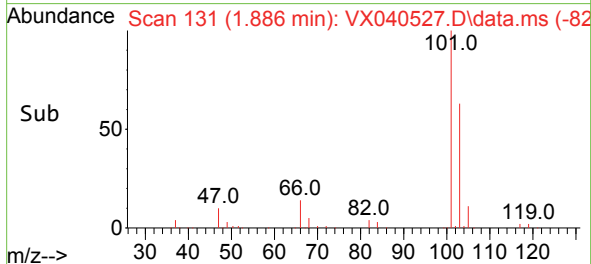
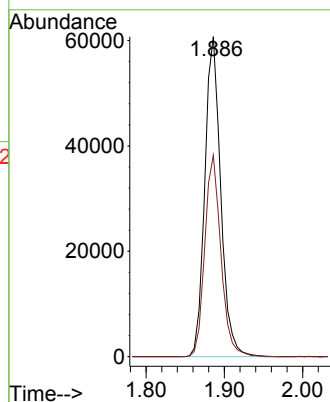
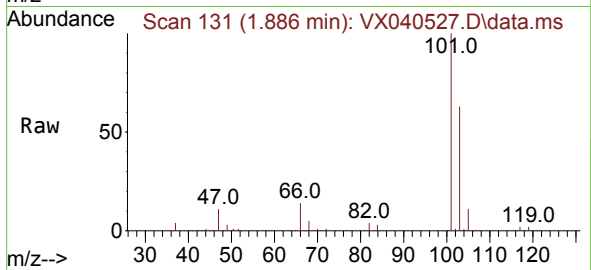




#7
Trichlorofluoromethane
Concen: 44.925 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

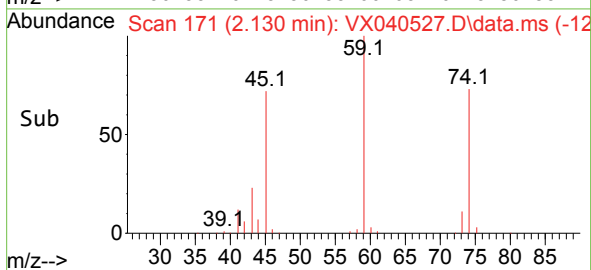
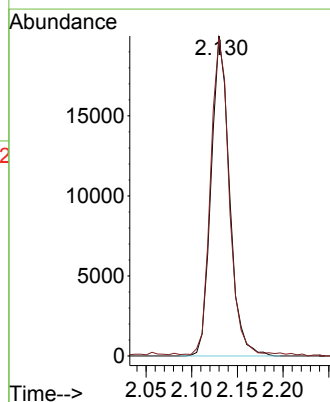
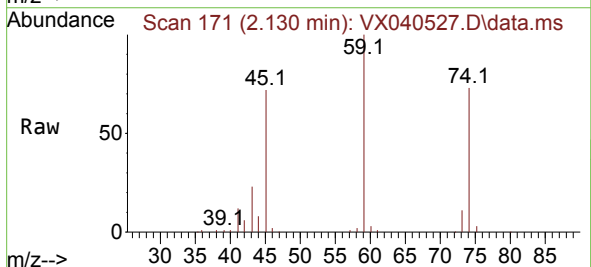
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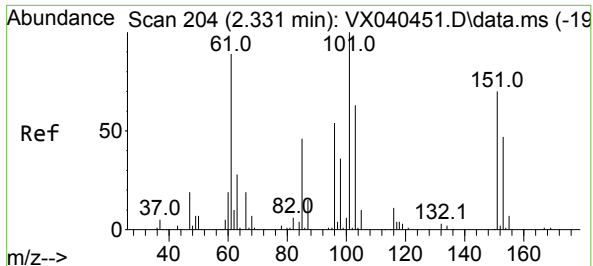
Tgt Ion:101 Resp: 85683
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2



#8
Diethyl Ether
Concen: 41.816 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 74 Resp: 27877
Ion Ratio Lower Upper
74 100
45 103.0 53.3 159.8

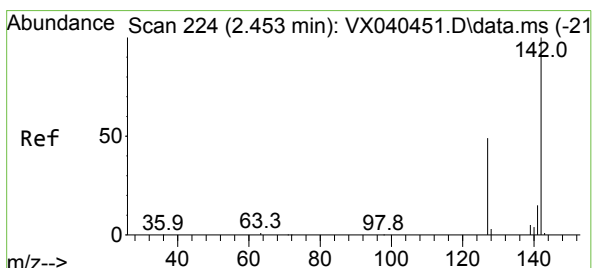
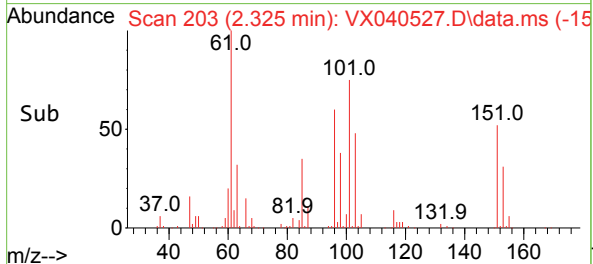
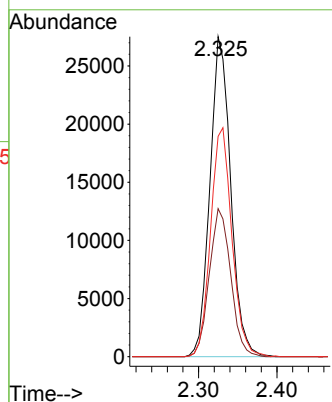
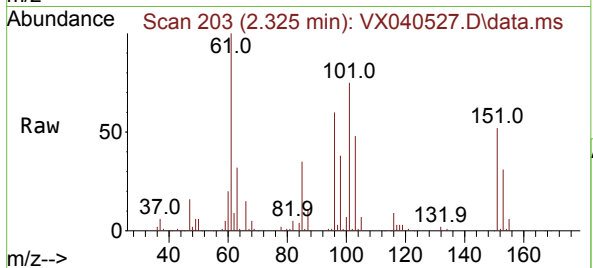




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.398 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

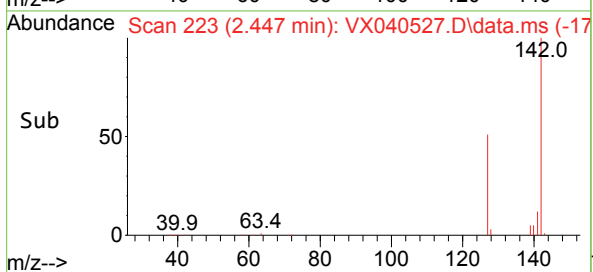
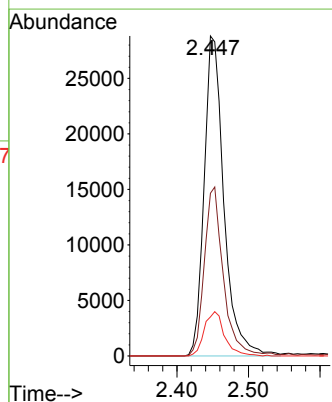
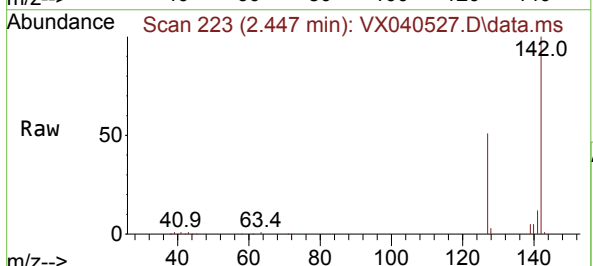
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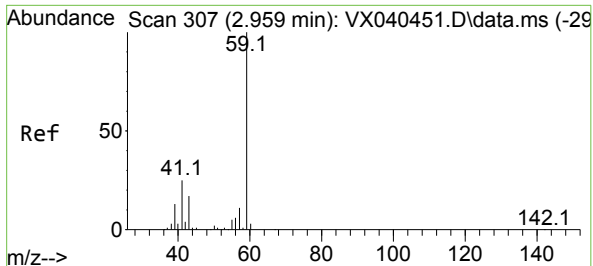
Tgt Ion:101 Resp: 50714
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 73.7 58.6 87.8



#10
Methyl Iodide
Concen: 51.844 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion:142 Resp: 55468
Ion Ratio Lower Upper
142 100
127 50.9 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 248.634 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

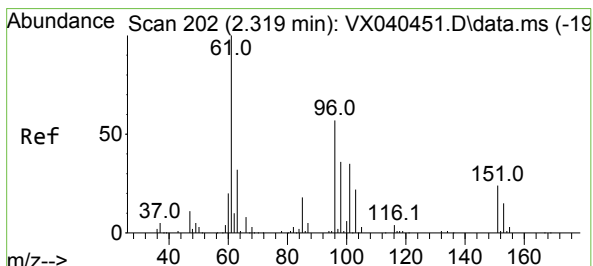
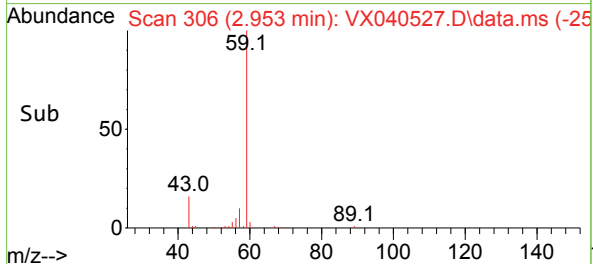
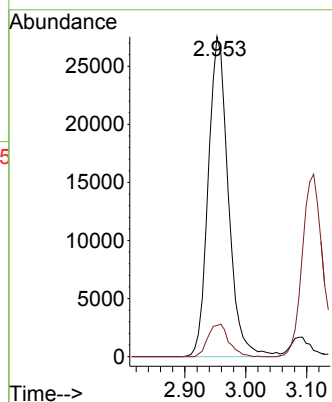
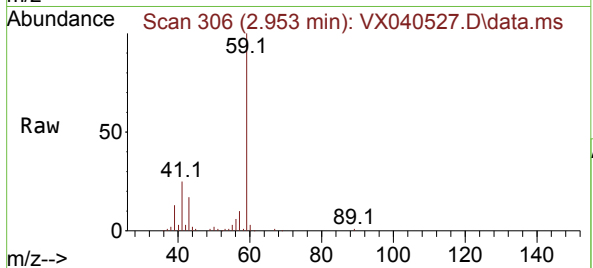
VSTDCCC050

Tgt Ion: 59 Resp: 63244

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 44.467 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

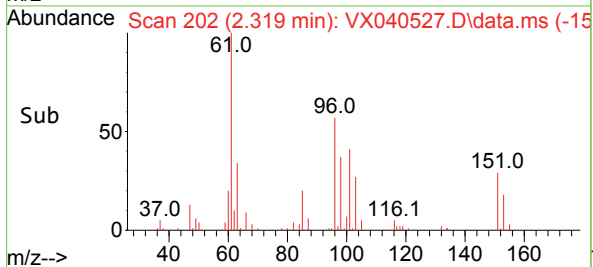
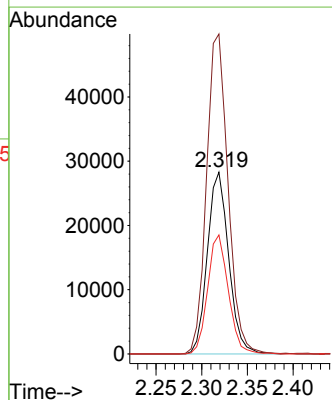
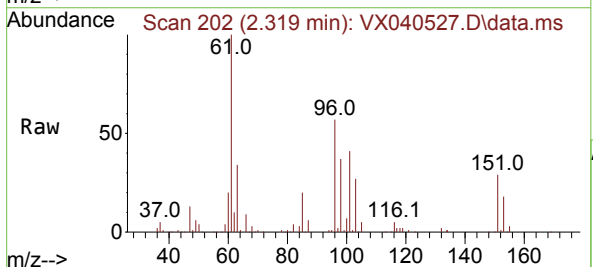
Tgt Ion: 96 Resp: 45833

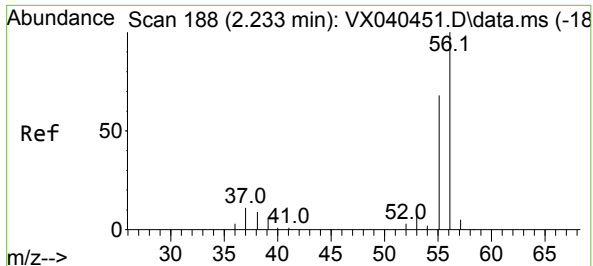
Ion Ratio Lower Upper

96 100

61 176.0 144.6 216.8

98 65.5 50.4 75.6

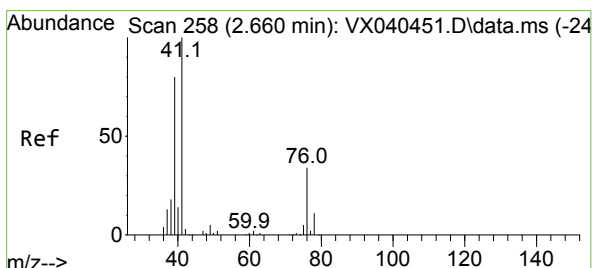
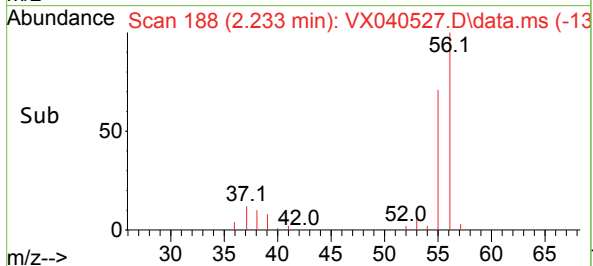
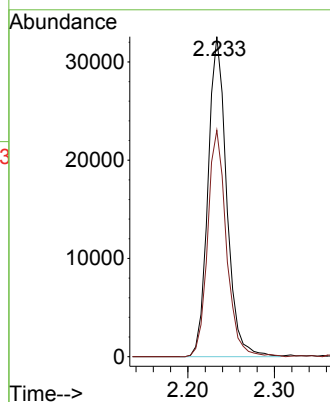
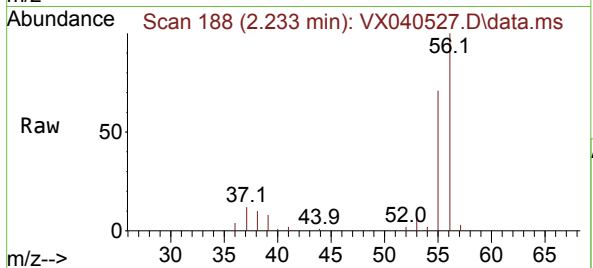




#13
Acrolein
Concen: 298.370 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

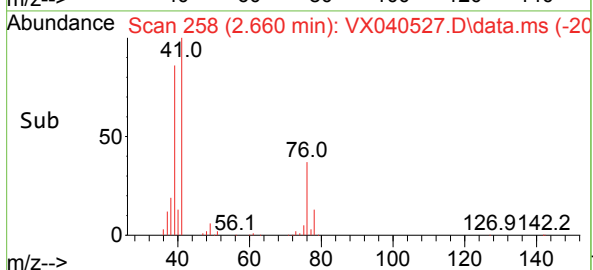
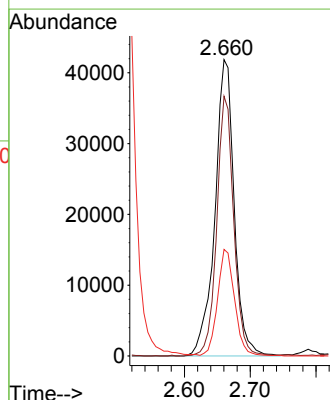
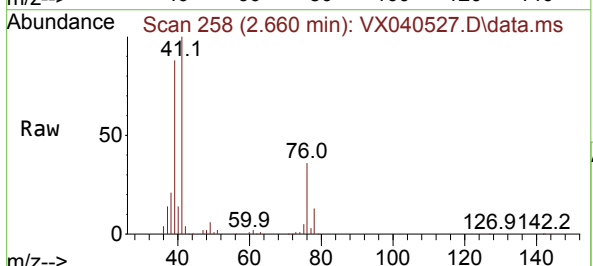
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

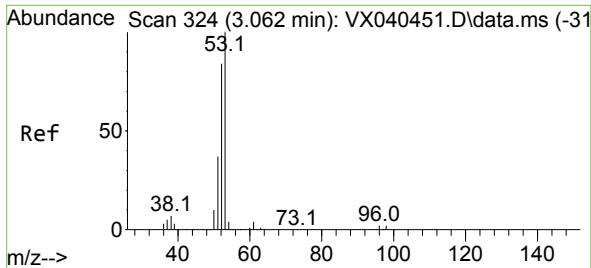
Tgt Ion: 56 Resp: 48658
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7



#14
Allyl chloride
Concen: 47.451 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 41 Resp: 85565
Ion Ratio Lower Upper
41 100
39 77.1 55.8 83.6
76 31.8 24.3 36.5

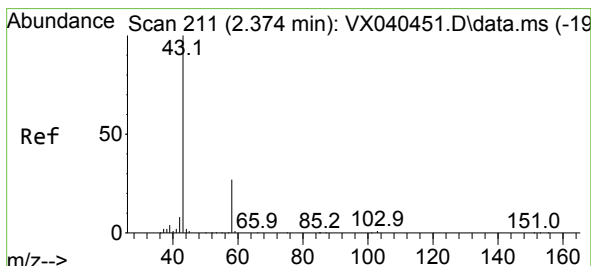
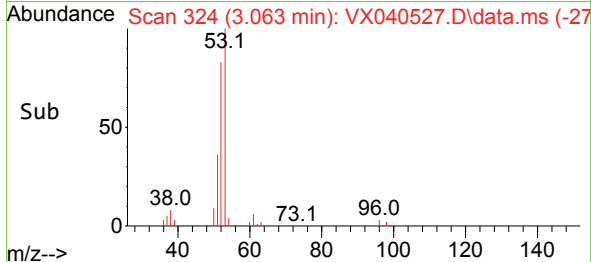
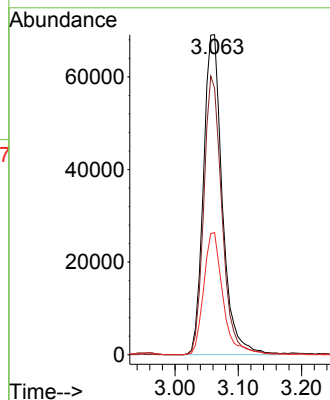
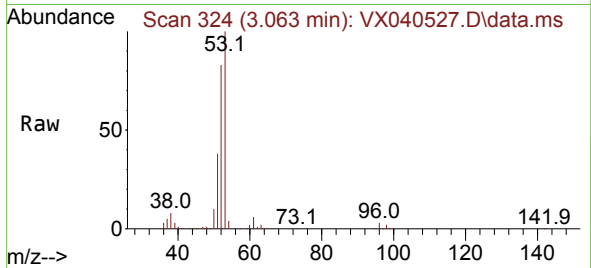




#15
Acrylonitrile
Concen: 225.570 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

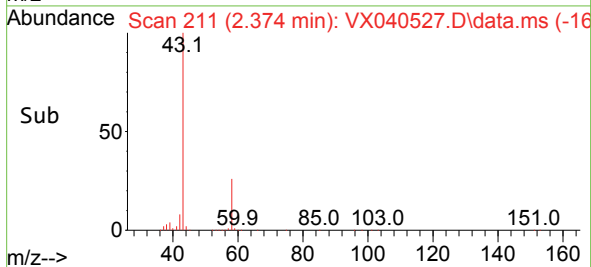
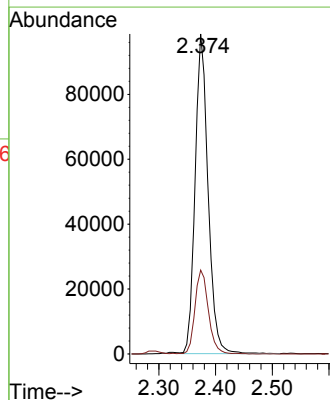
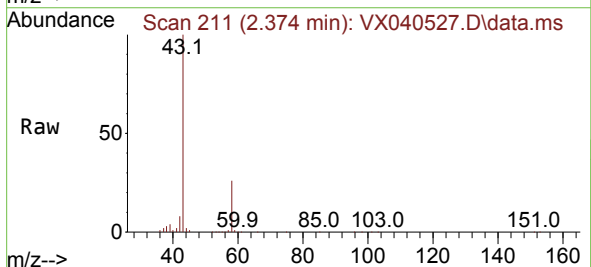
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

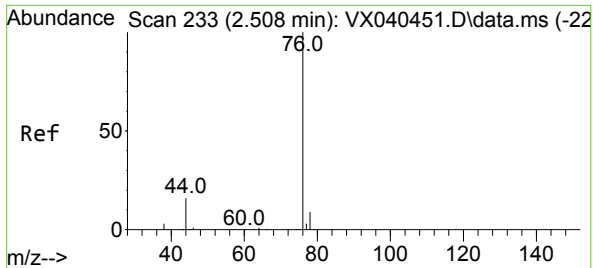
Tgt Ion: 53 Resp: 143925
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 39.1 29.8 44.6



#16
Acetone
Concen: 316.720 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 43 Resp: 156288
Ion Ratio Lower Upper
43 100
58 26.2 21.9 32.9





#17

Carbon Disulfide

Concen: 40.793 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

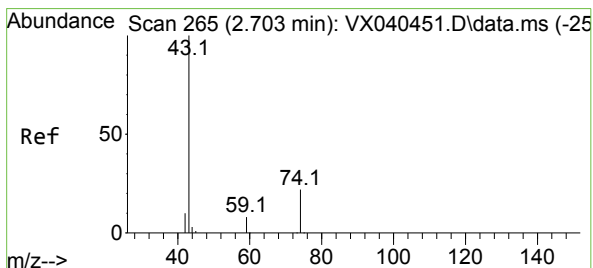
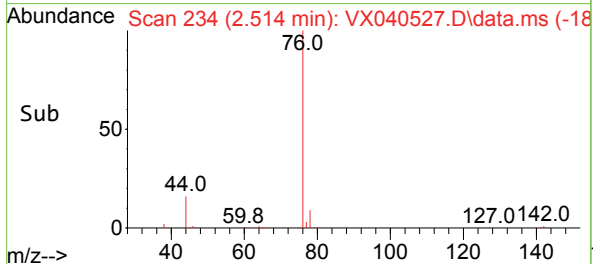
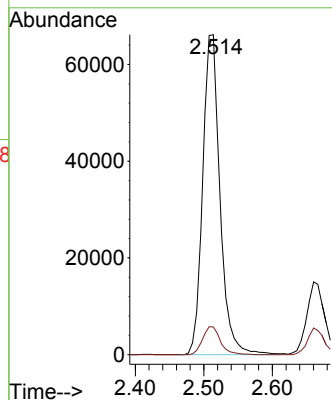
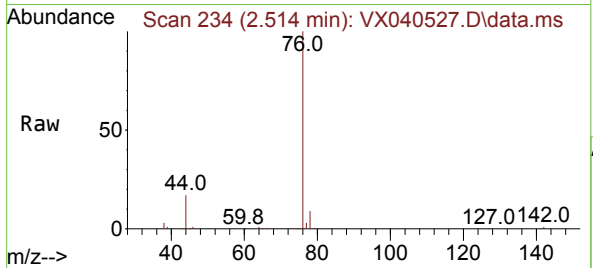
VSTDCCC050

Tgt Ion: 76 Resp: 116434

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 47.448 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX040527.D

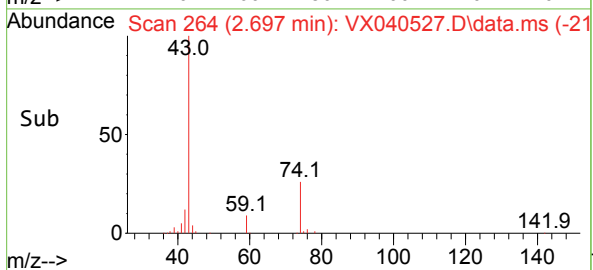
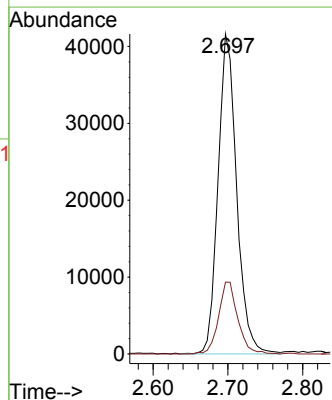
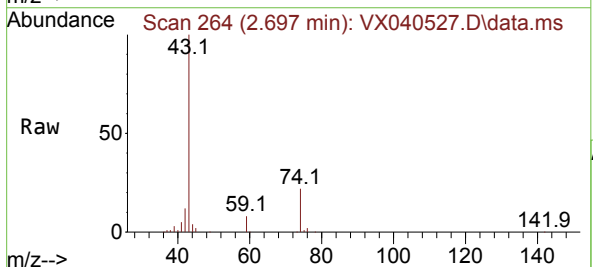
Acq: 29 Feb 2024 10:55

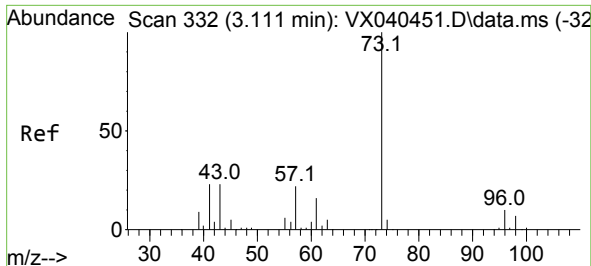
Tgt Ion: 43 Resp: 72183

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8

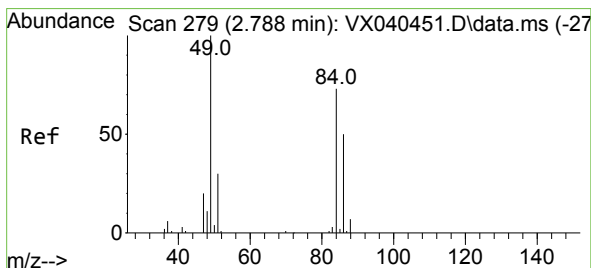
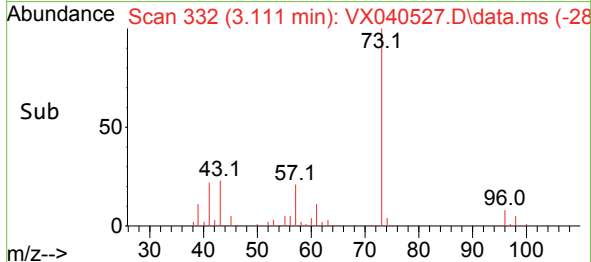
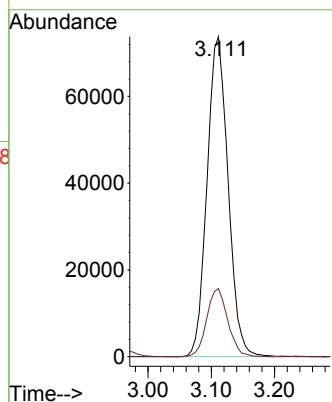
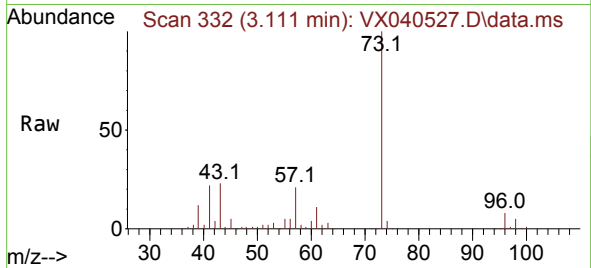




#19
Methyl tert-butyl Ether
Concen: 48.498 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

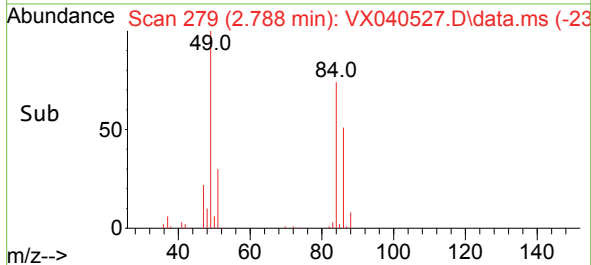
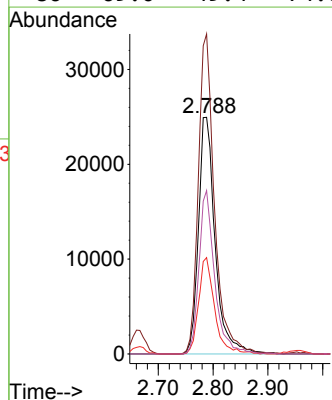
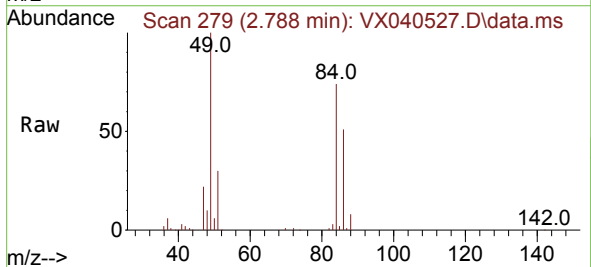
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

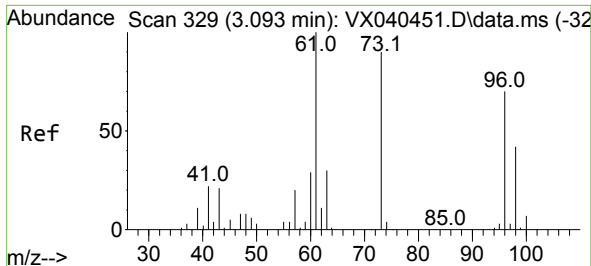
Tgt Ion: 73 Resp: 170505
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 44.844 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 84 Resp: 52955
Ion Ratio Lower Upper
84 100
49 135.2 103.6 155.4
51 40.7 33.8 50.6
86 69.0 49.4 74.0

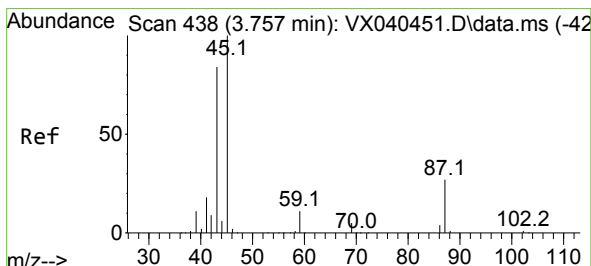
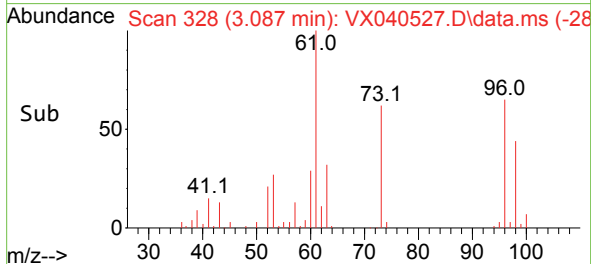
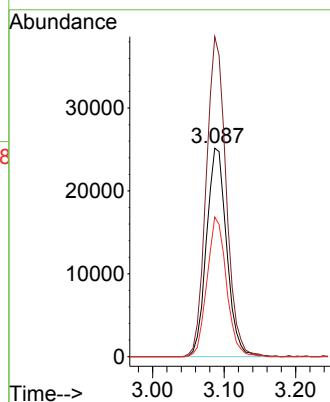
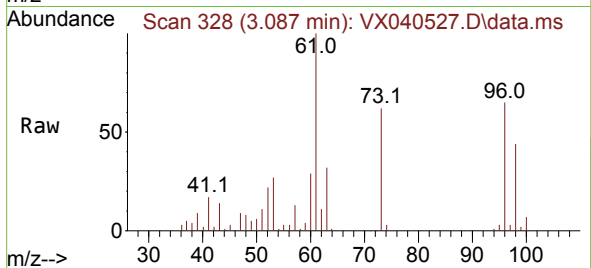




#21
trans-1,2-Dichloroethene
Concen: 44.879 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

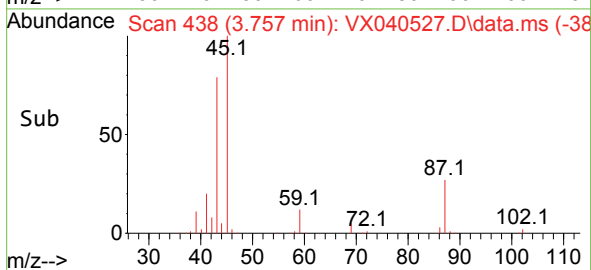
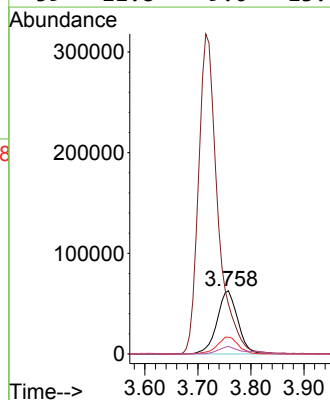
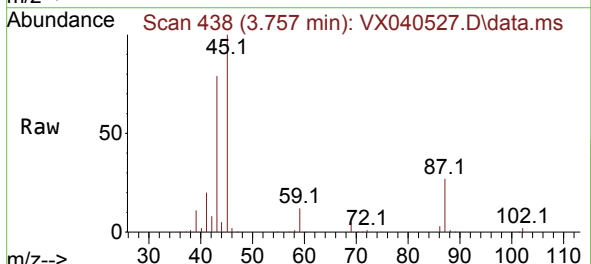
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

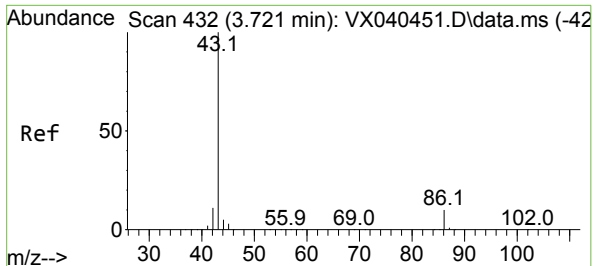
Tgt Ion: 96 Resp: 49333
Ion Ratio Lower Upper
96 100
61 153.5 119.2 178.8
98 67.0 48.7 73.1



#22
Diisopropyl ether
Concen: 46.967 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 45 Resp: 170195
Ion Ratio Lower Upper
45 100
43 79.1 69.7 104.5
87 26.6 20.8 31.2
59 11.8 9.0 13.4

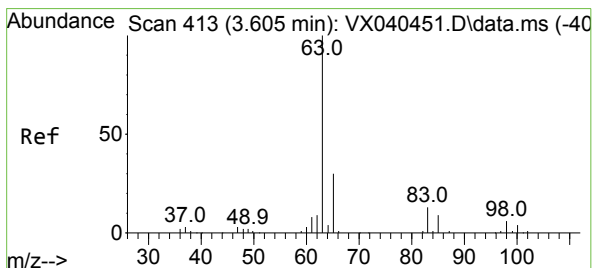
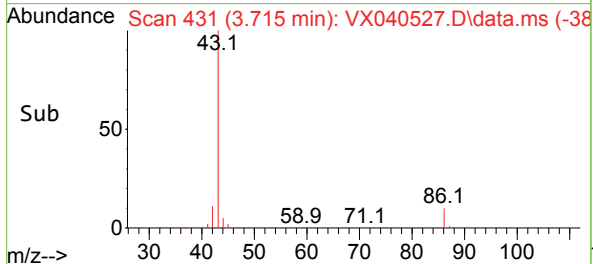
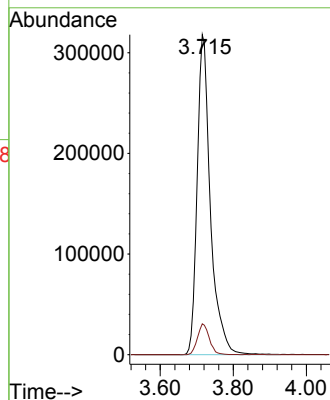
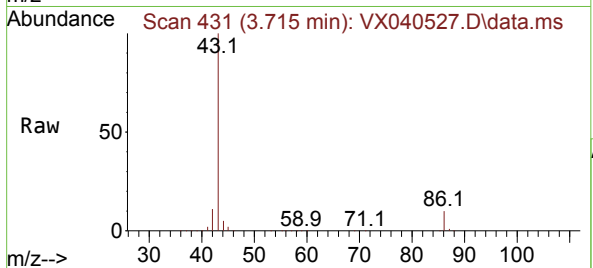




#23
Vinyl Acetate
Concen: 242.270 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

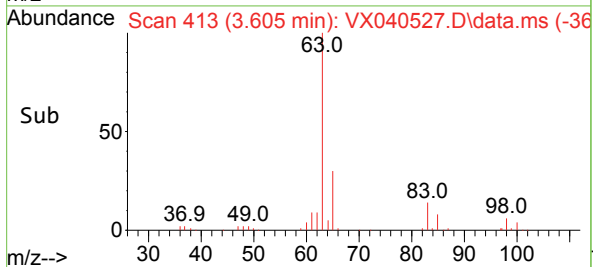
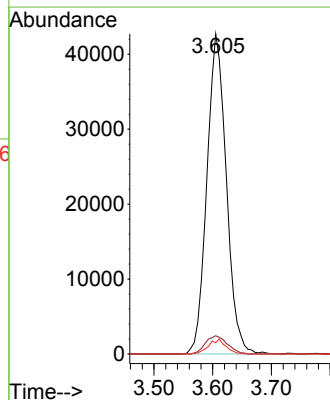
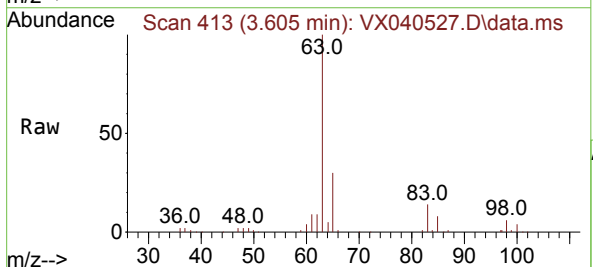
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

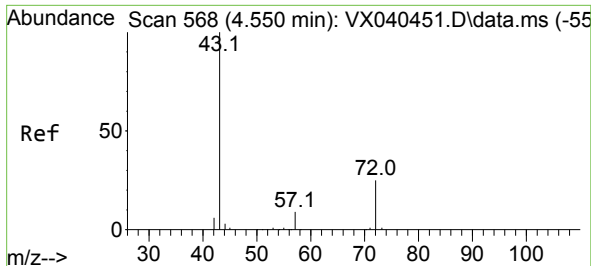
Tgt Ion: 43 Resp: 804198
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.8



#24
1,1-Dichloroethane
Concen: 46.473 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 63 Resp: 98204
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.8
100 3.5 2.1 6.5

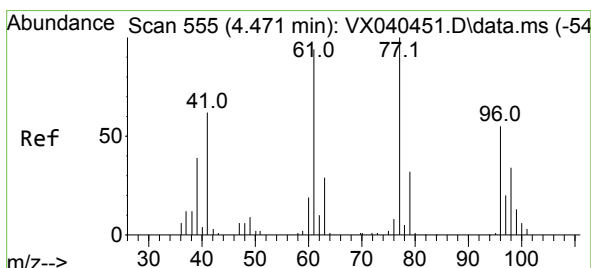
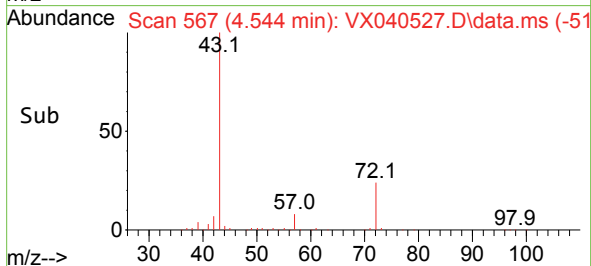
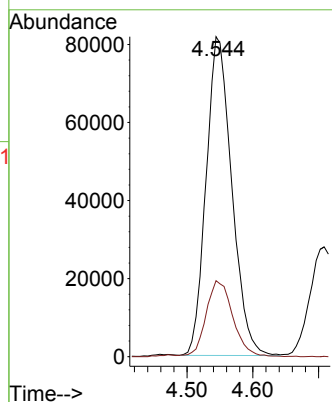
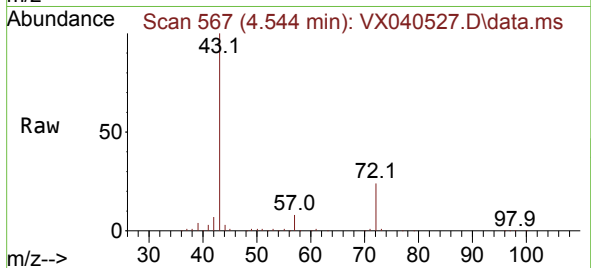




#25
2-Butanone
Concen: 258.271 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

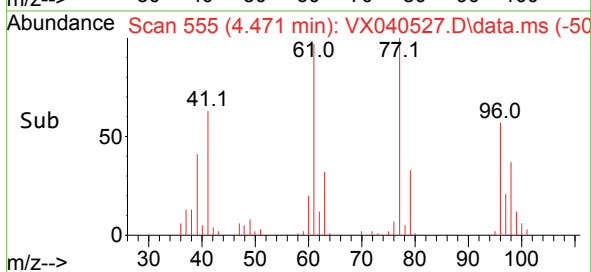
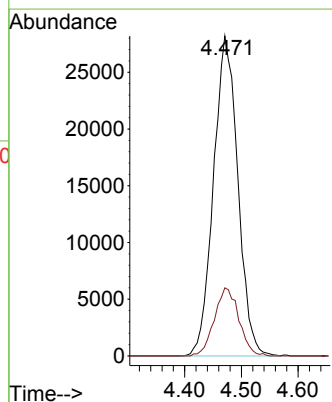
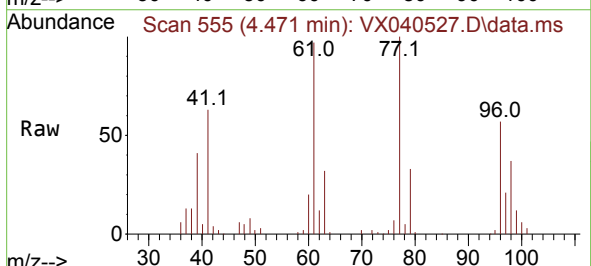
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

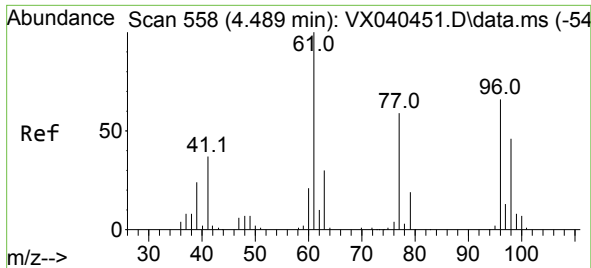
Tgt Ion: 43 Resp: 222049
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 49.997 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 77 Resp: 84118
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3



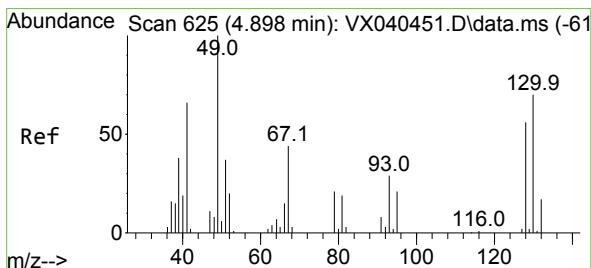
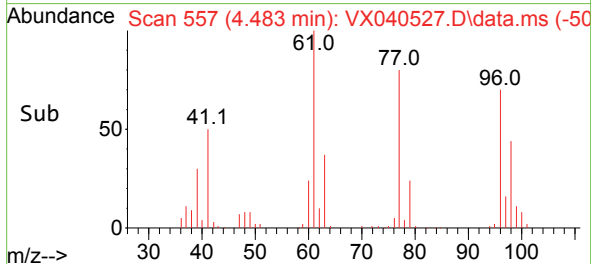
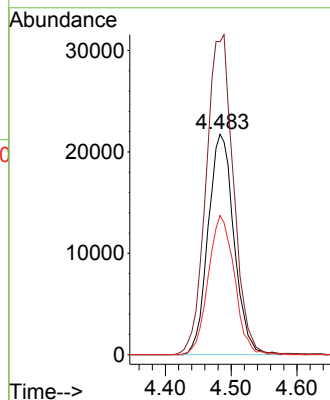
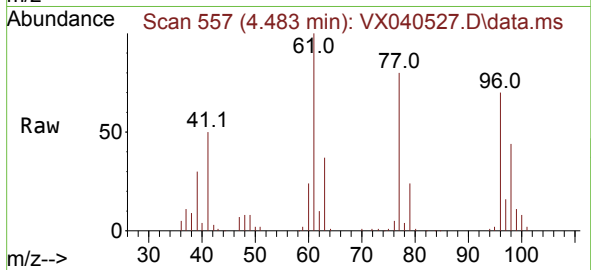


#27
 cis-1,2-Dichloroethene
 Concen: 46.194 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 59404

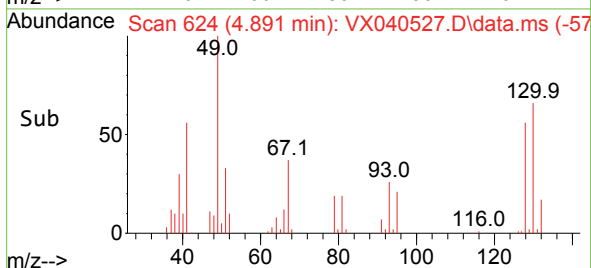
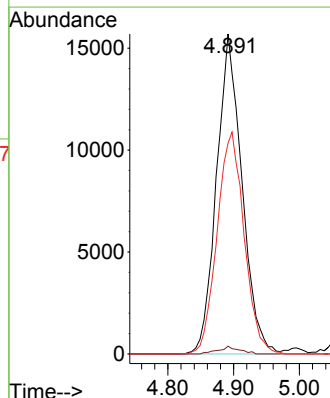
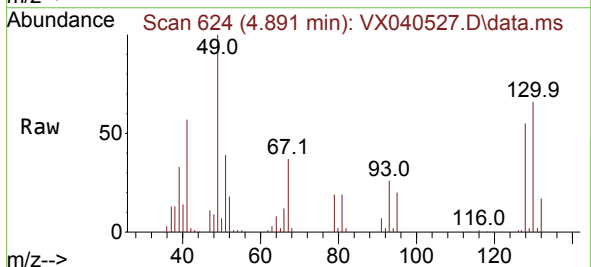
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	312.2
98	63.8	0.0	129.0

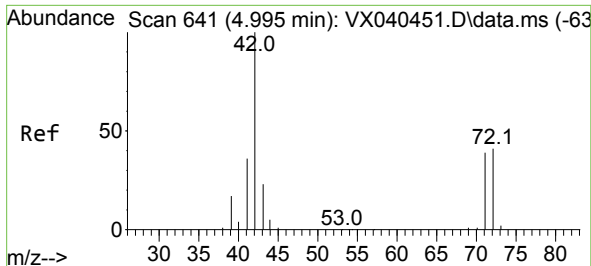


#28
 Bromochloromethane
 Concen: 47.726 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Tgt Ion: 49 Resp: 42187

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 228.052 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

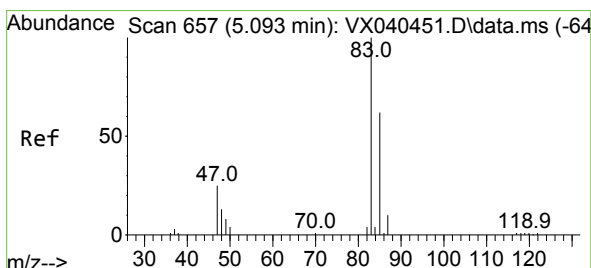
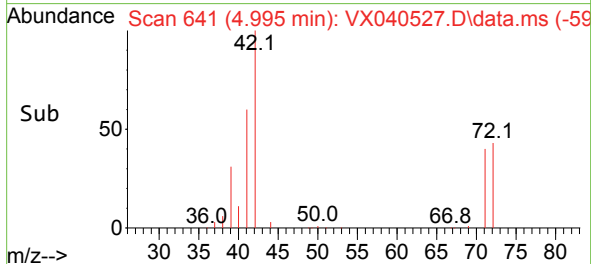
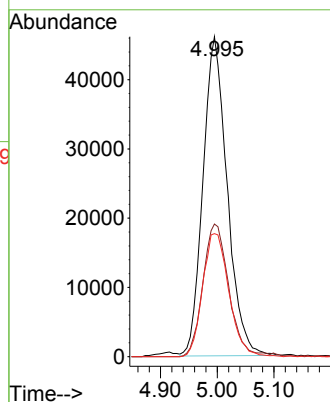
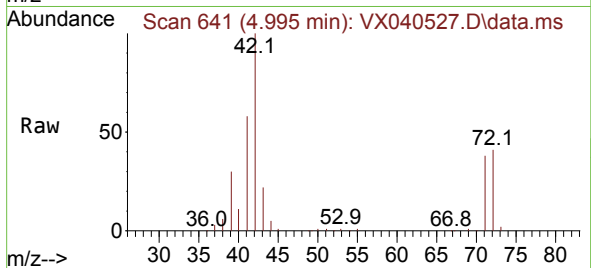
Tgt Ion: 42 Resp: 136780

Ion Ratio Lower Upper

42 100

72 44.3 34.2 51.4

71 41.9 32.2 48.2



#30

Chloroform

Concen: 48.068 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040527.D

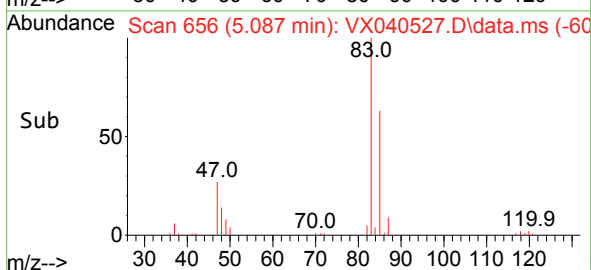
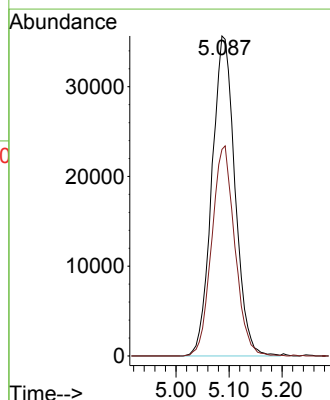
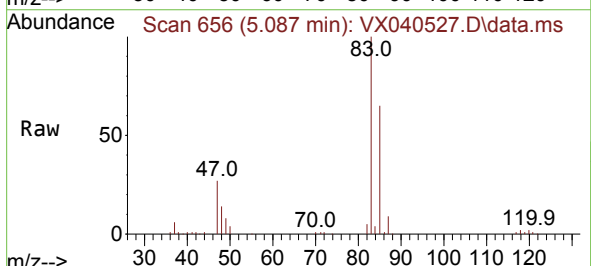
Acq: 29 Feb 2024 10:55

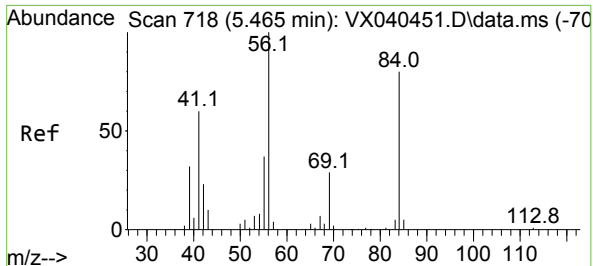
Tgt Ion: 83 Resp: 107816

Ion Ratio Lower Upper

83 100

85 64.6 50.3 75.5

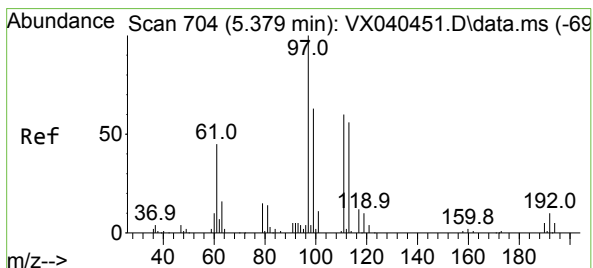
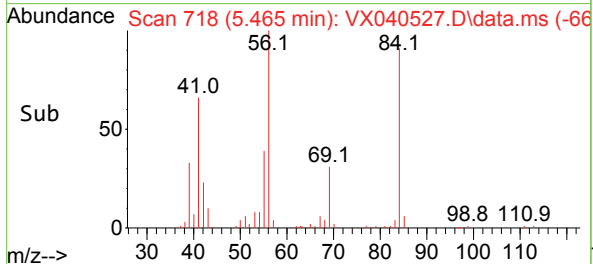
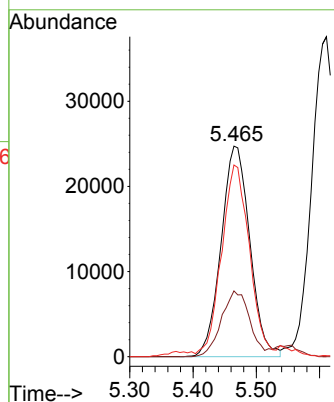
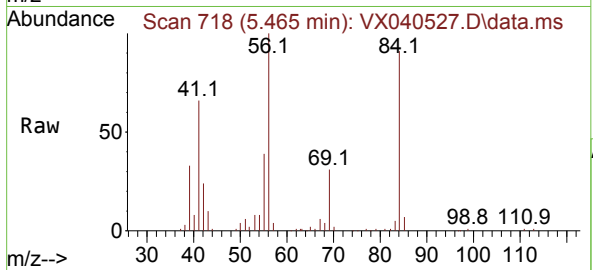




#31
Cyclohexane
Concen: 45.426 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

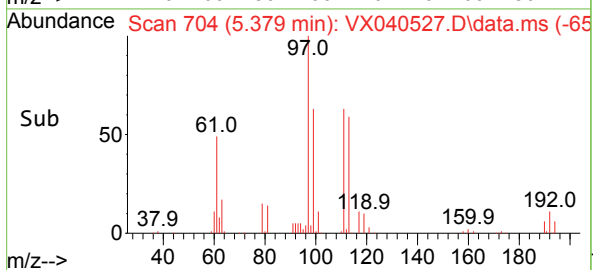
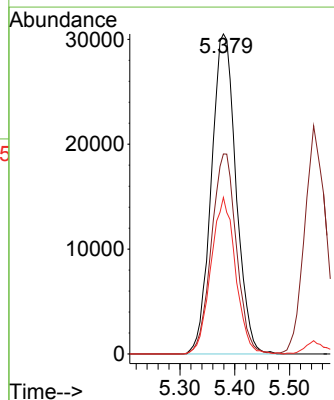
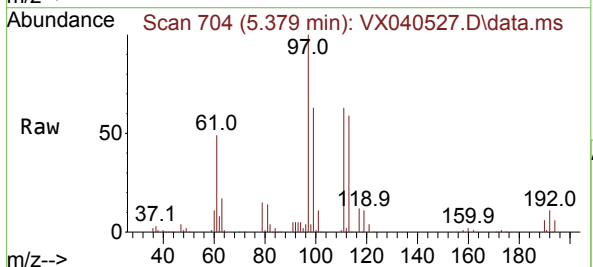
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

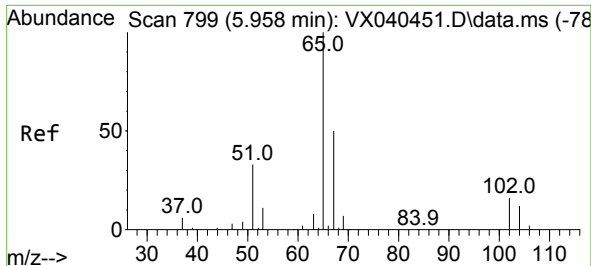
Tgt Ion: 56 Resp: 77873
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 89.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 49.877 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 97 Resp: 95486
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 48.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.880 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

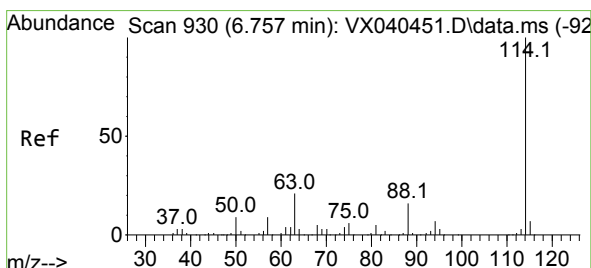
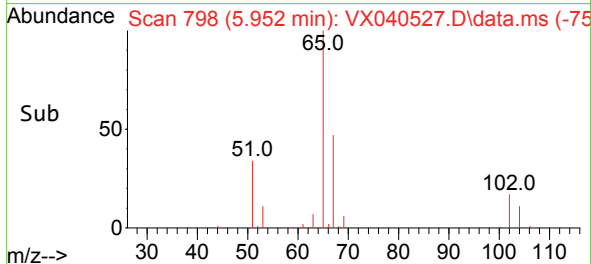
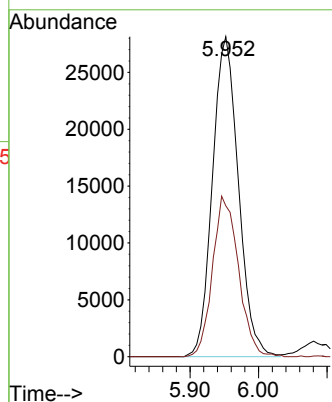
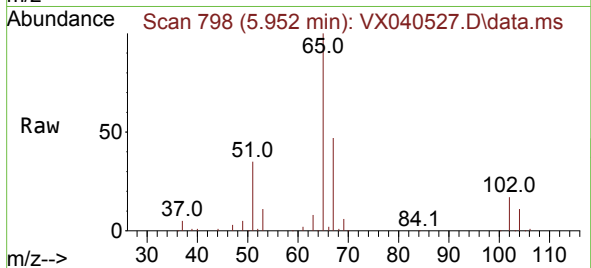
VSTDCCC050

Tgt Ion: 65 Resp: 73962

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

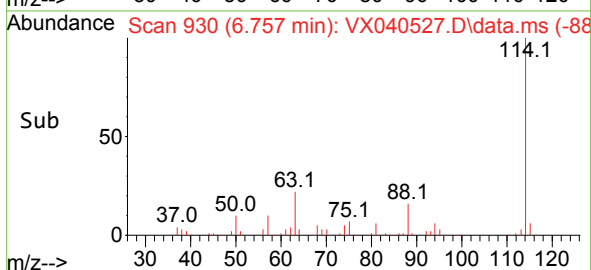
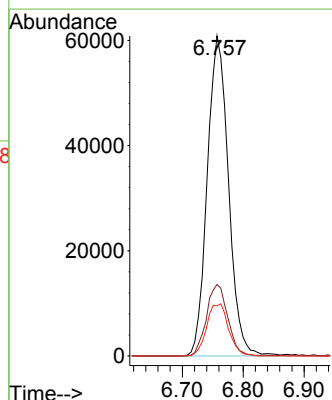
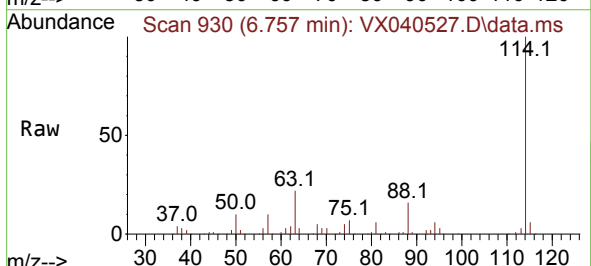
Tgt Ion: 114 Resp: 147475

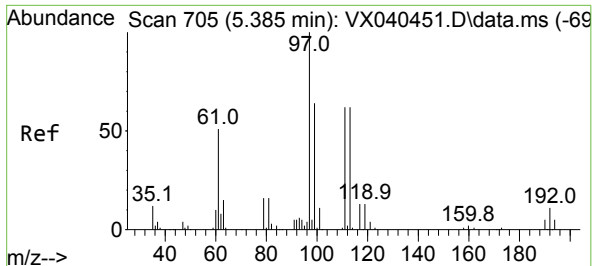
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.450 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

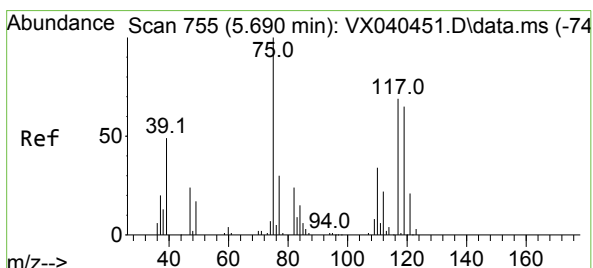
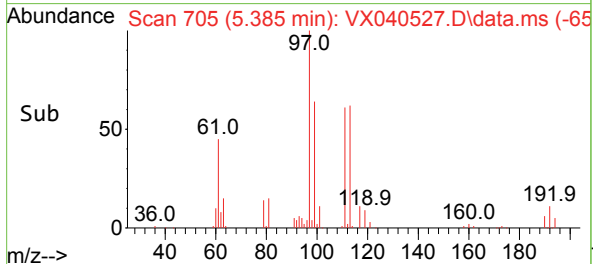
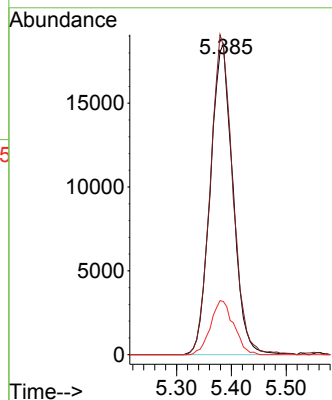
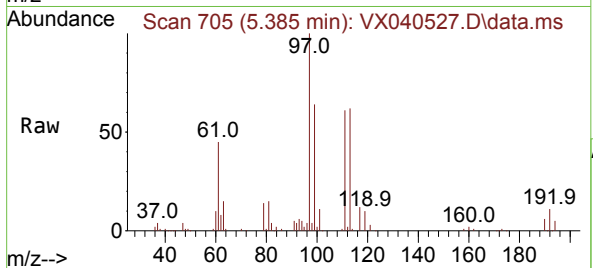
Tgt Ion:113 Resp: 52764

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 17.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 48.316 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

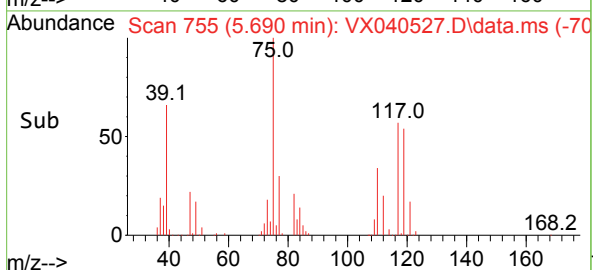
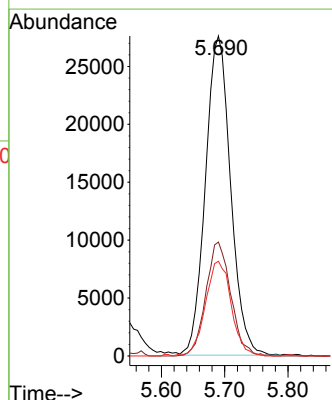
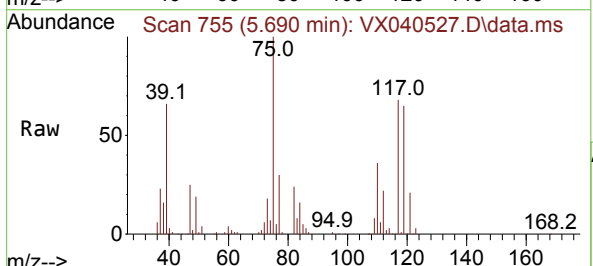
Tgt Ion: 75 Resp: 76340

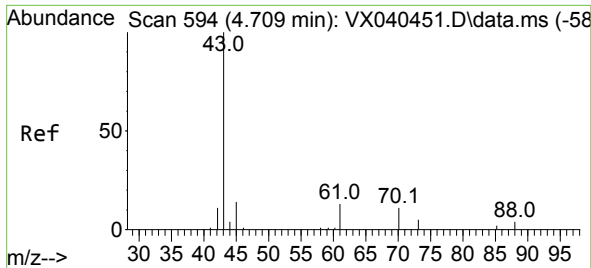
Ion Ratio Lower Upper

75 100

110 35.2 17.0 50.9

77 30.4 24.7 37.1

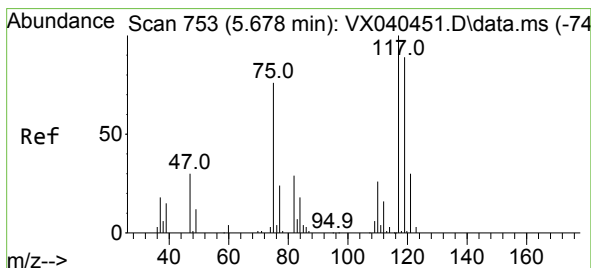
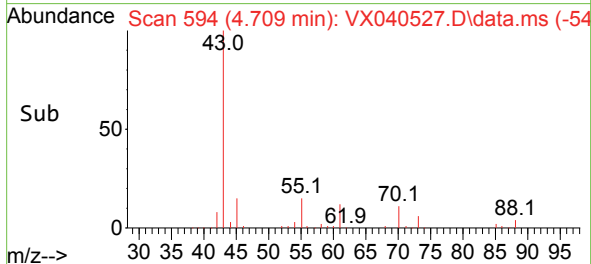
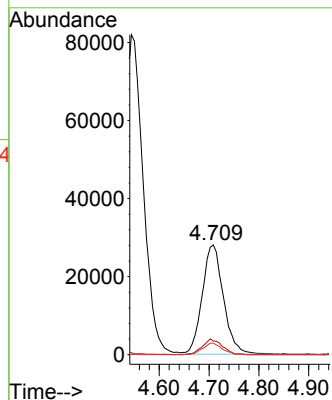
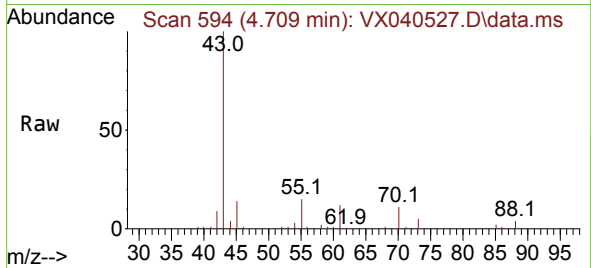




#37
Ethyl Acetate
Concen: 47.830 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

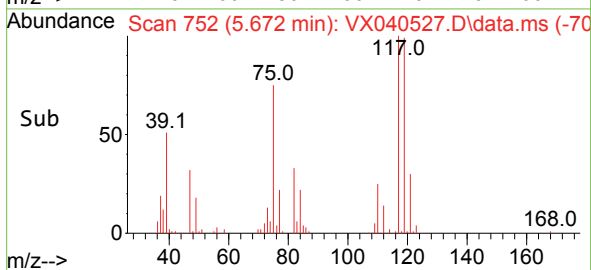
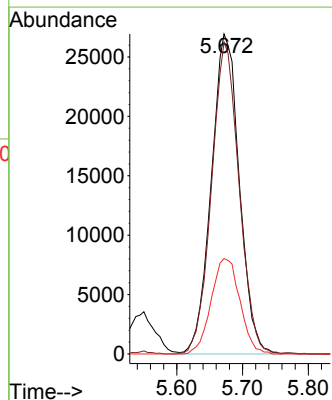
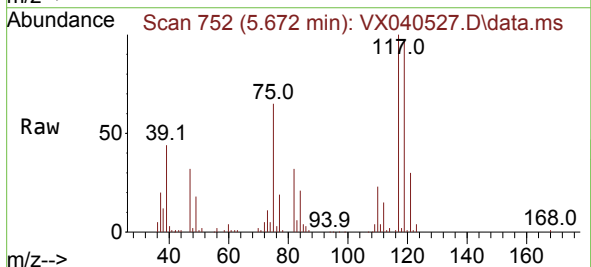
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

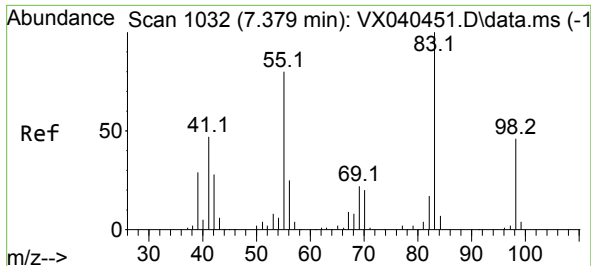
Tgt Ion: 43	Resp: 82708
Ion Ratio	Lower Upper
43 100	
61 13.5	10.6 16.0
70 9.8	8.3 12.5



#38
Carbon Tetrachloride
Concen: 52.280 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 117	Resp: 79799
Ion Ratio	Lower Upper
117 100	
119 97.2	78.2 117.2
121 29.8	24.4 36.6

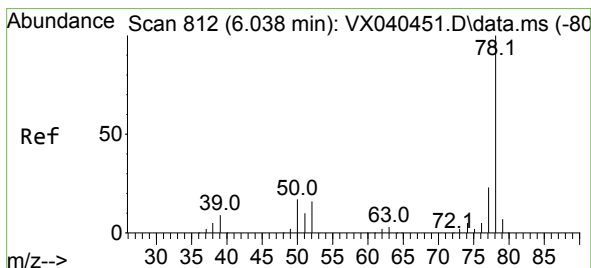
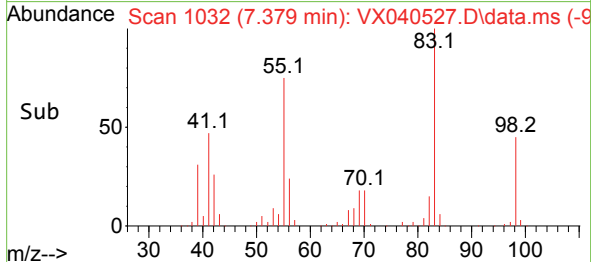
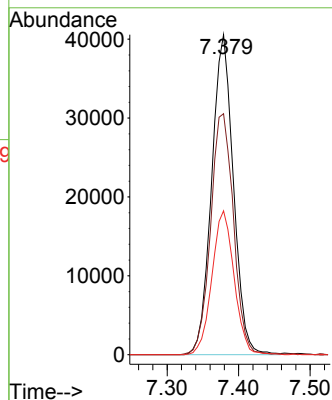
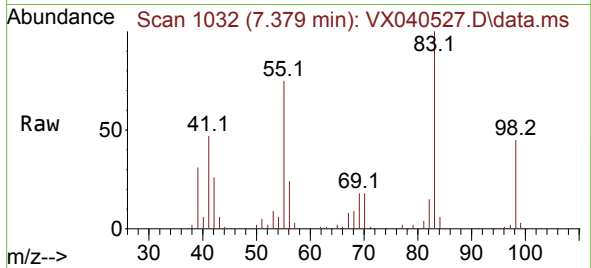




#39
Methylcyclohexane
Concen: 50.261 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

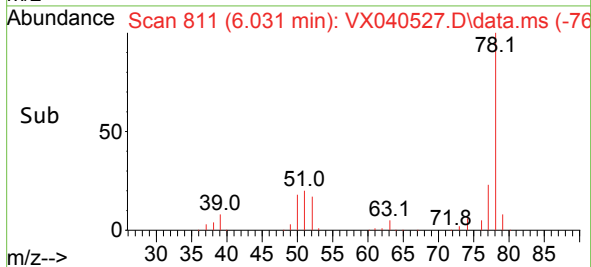
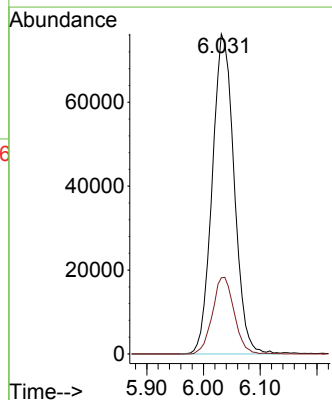
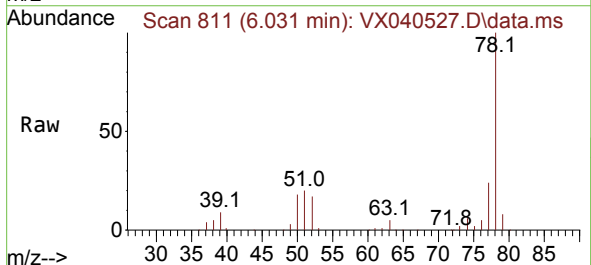
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

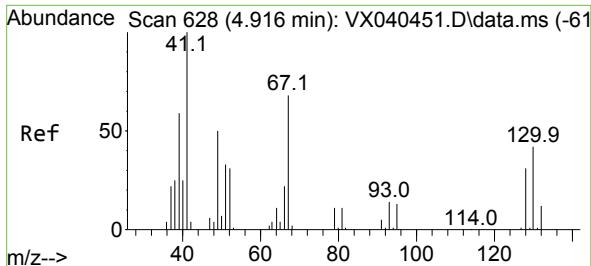
Tgt Ion: 83 Resp: 85740
Ion Ratio Lower Upper
83 100
55 75.3 64.6 97.0
98 44.9 36.7 55.1



#40
Benzene
Concen: 47.765 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 78 Resp: 204328
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



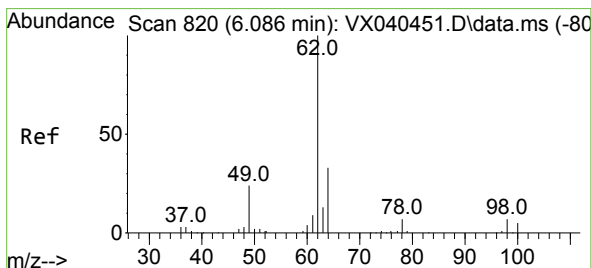
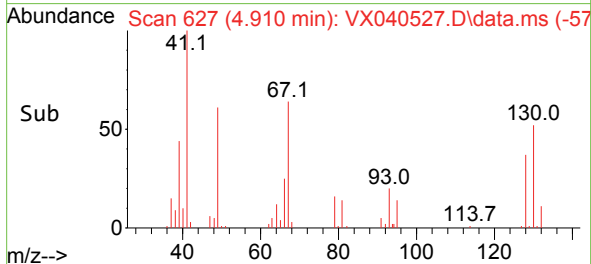
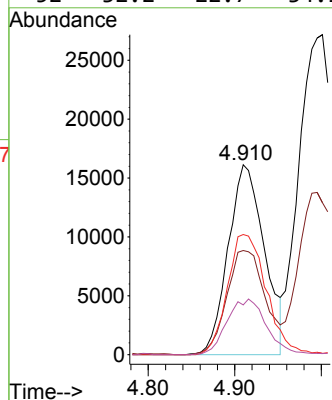
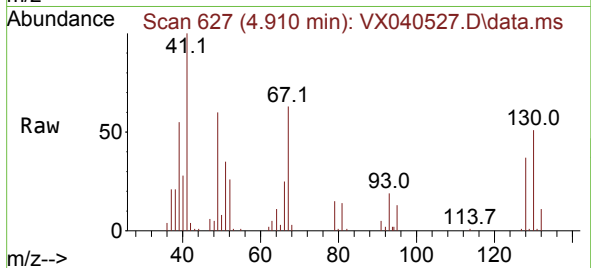


#41
Methacrylonitrile
Concen: 48.608 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 46950

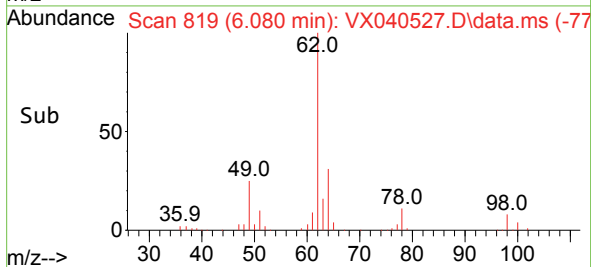
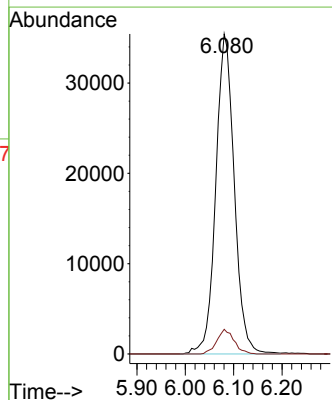
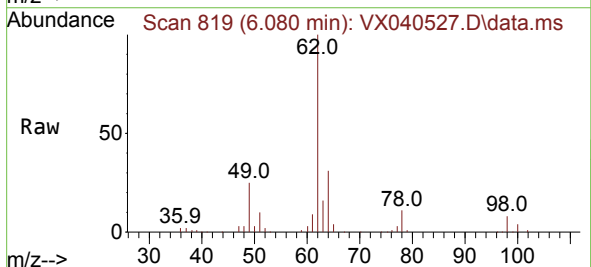
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.2	67.8
67	68.3	52.6	78.8
52	32.2	22.7	34.1

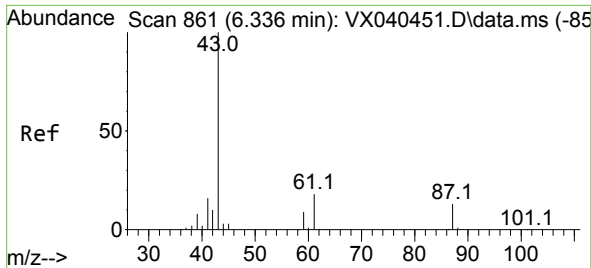


#42
1,2-Dichloroethane
Concen: 53.027 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 62 Resp: 93886

Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	16.0

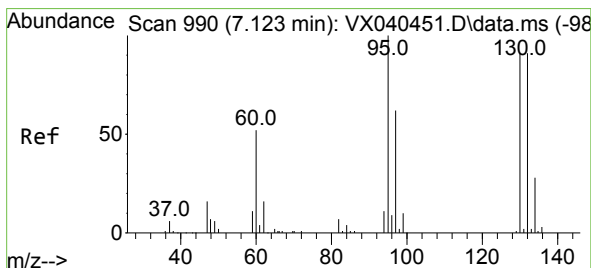
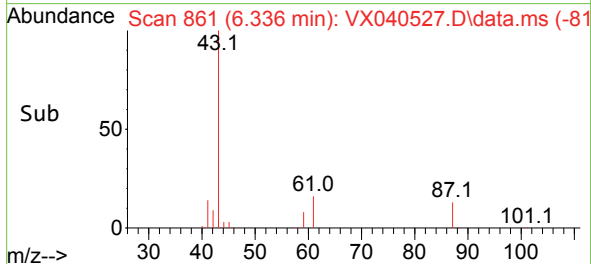
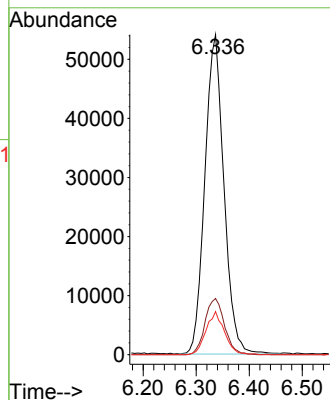
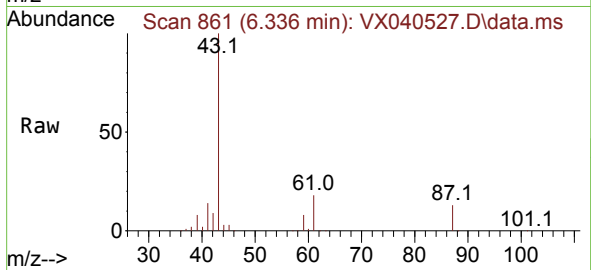




#43
Isopropyl Acetate
Concen: 49.764 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

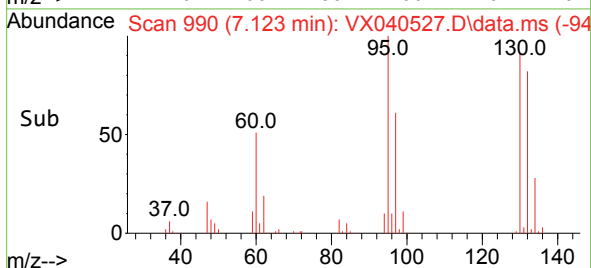
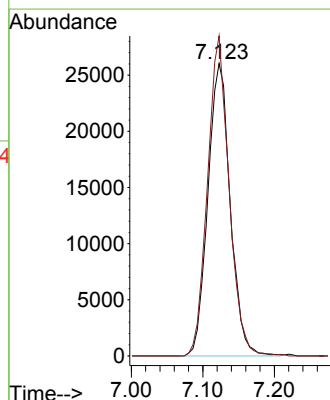
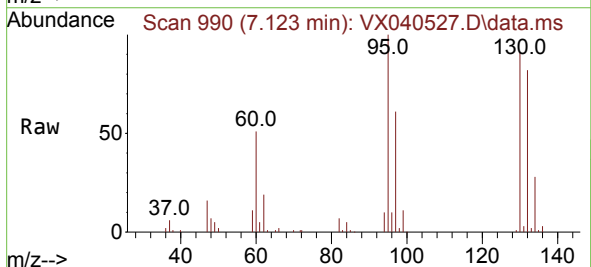
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

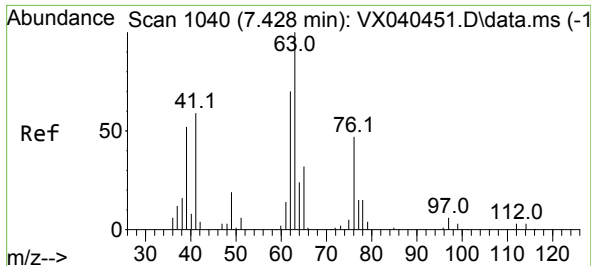
Tgt Ion: 43 Resp: 135023
Ion Ratio Lower Upper
43 100
61 18.0 15.2 22.8
87 13.0 9.8 14.6



#44
Trichloroethene
Concen: 49.193 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion:130 Resp: 56594
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.4

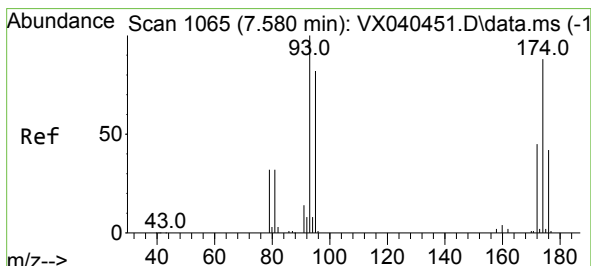
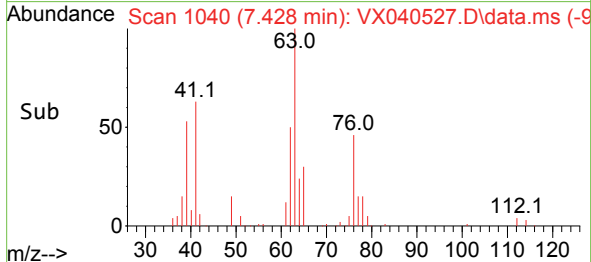
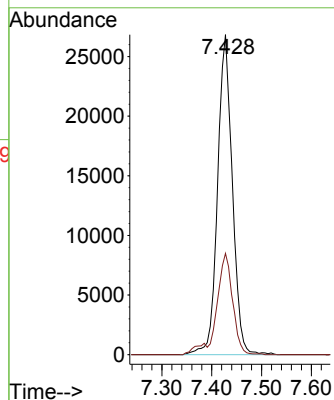
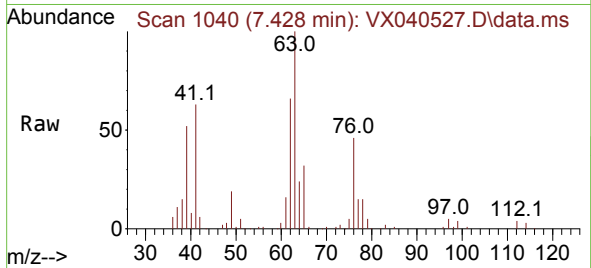




#45
1,2-Dichloropropane
Concen: 48.205 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

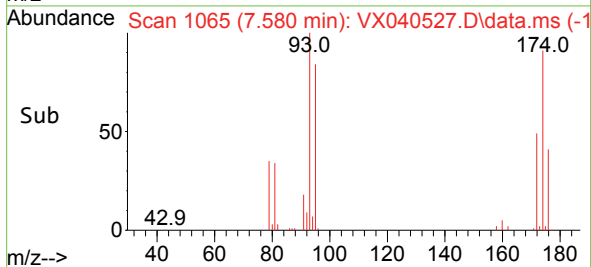
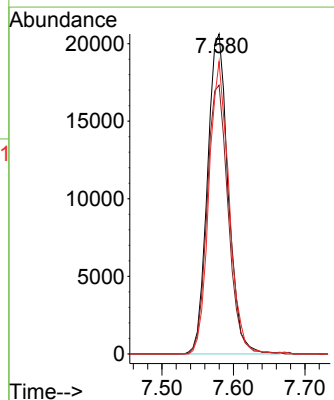
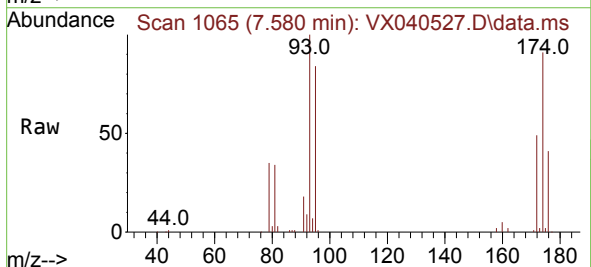
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

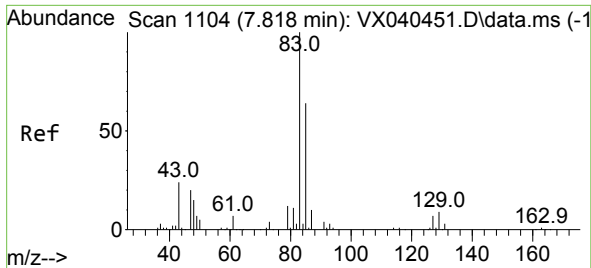
Tgt Ion: 63 Resp: 55188
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5



#46
Dibromomethane
Concen: 49.356 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 93 Resp: 41543
Ion Ratio Lower Upper
93 100
95 85.7 66.6 100.0
174 88.3 69.4 104.0

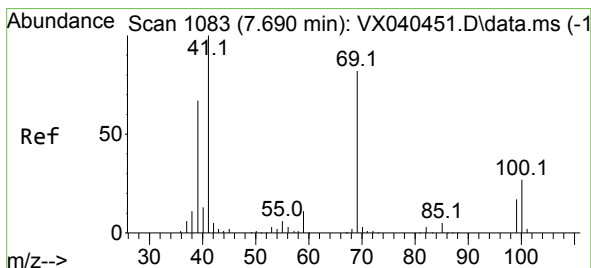
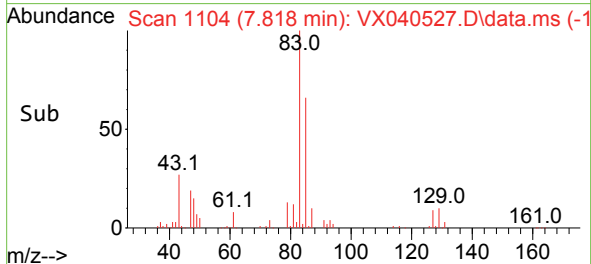
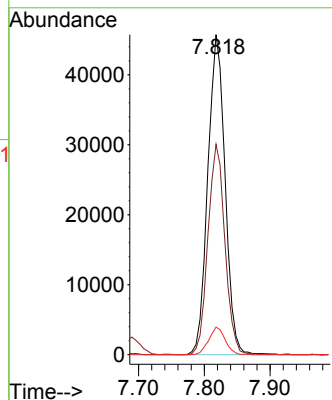
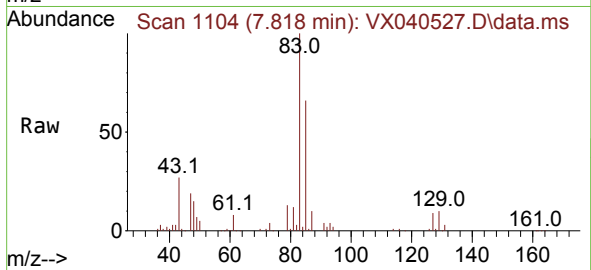




#47
 Bromodichloromethane
 Concen: 50.436 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

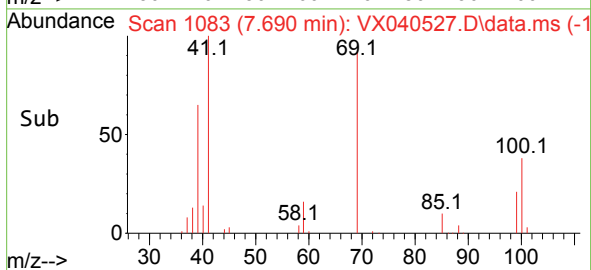
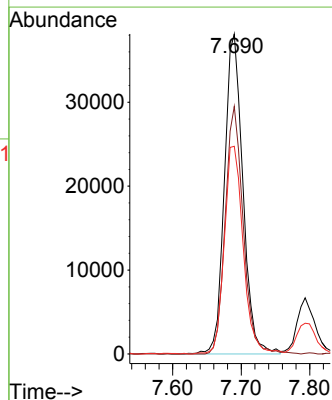
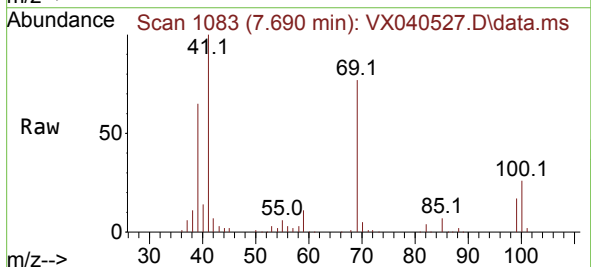
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

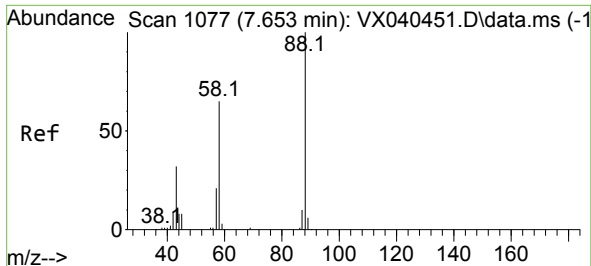
Tgt Ion: 83 Resp: 83585
 Ion Ratio Lower Upper
 83 100
 85 65.7 49.8 74.6
 127 8.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 52.380 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Tgt Ion: 41 Resp: 71036
 Ion Ratio Lower Upper
 41 100
 69 75.6 59.2 88.8
 39 66.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1071.632 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

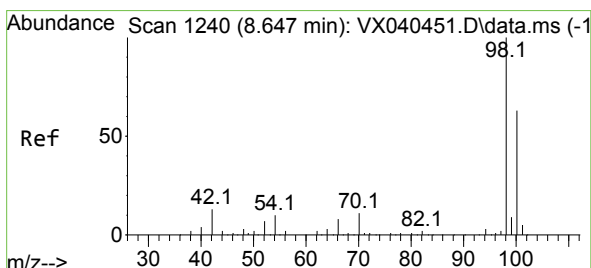
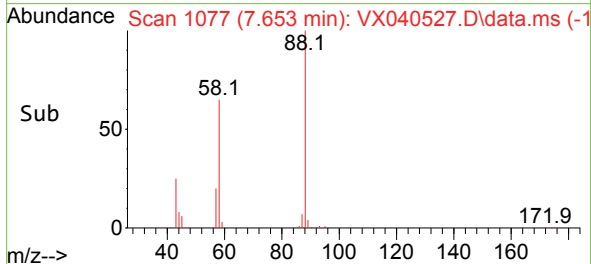
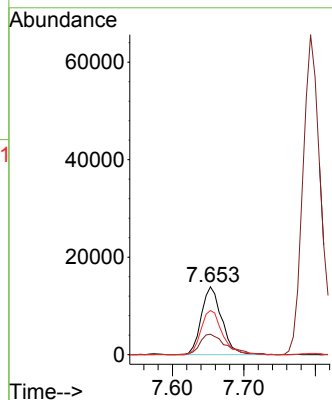
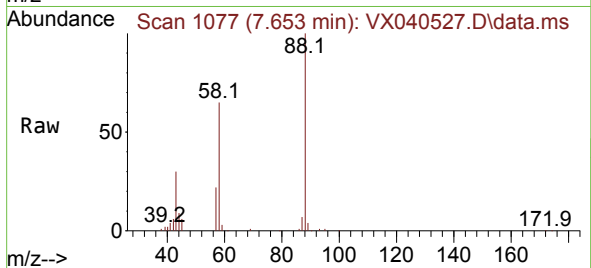
Tgt Ion: 88 Resp: 27492

Ion Ratio Lower Upper

88 100

43 38.8 0.0 0.0#

58 68.2 60.1 90.1



#50

Toluene-d8

Concen: 50.558 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040527.D

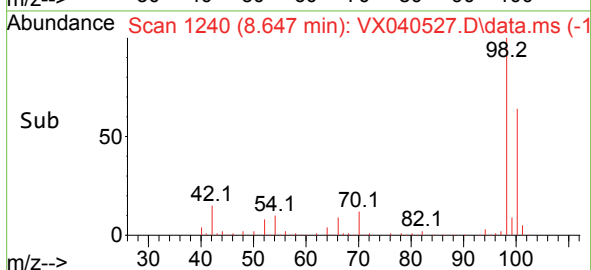
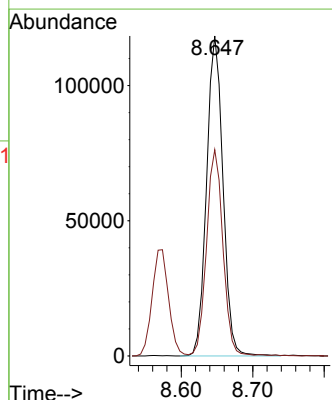
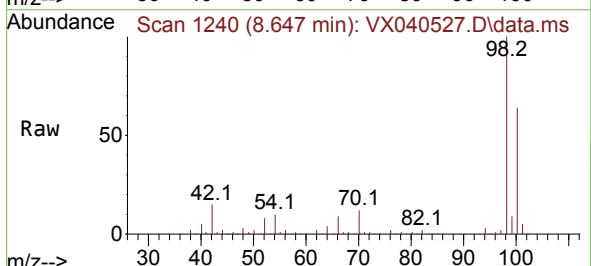
Acq: 29 Feb 2024 10:55

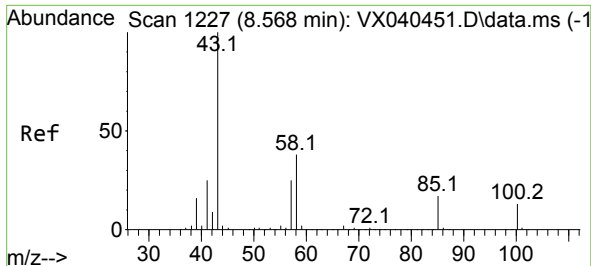
Tgt Ion: 98 Resp: 188206

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7

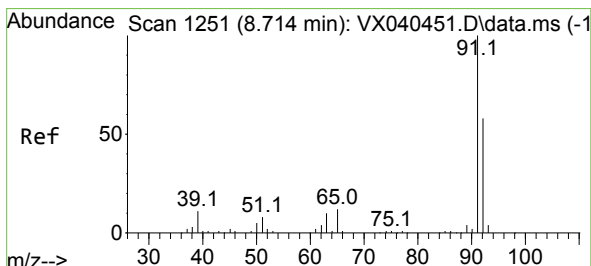
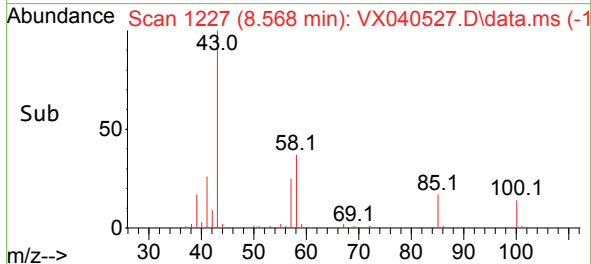
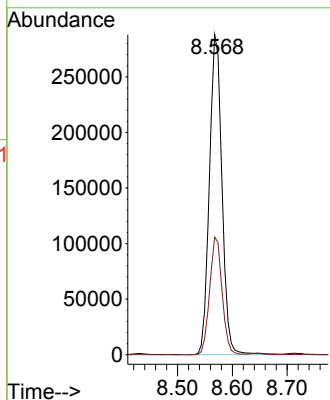
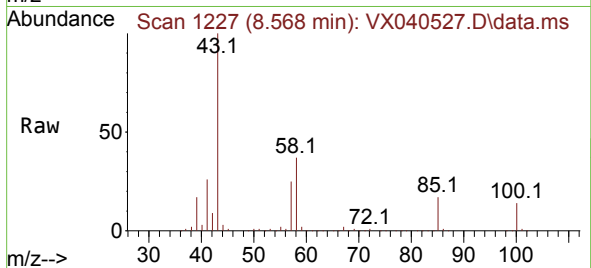




#51
4-Methyl-2-Pentanone
Concen: 254.414 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

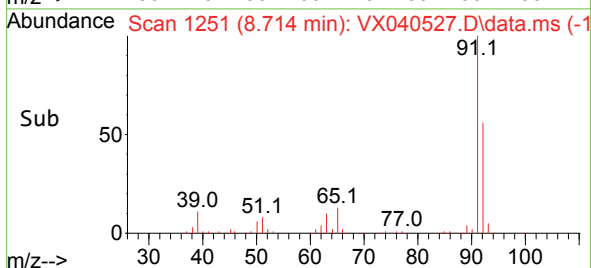
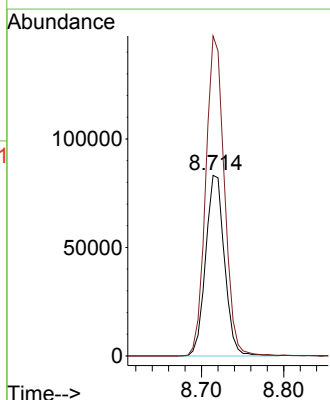
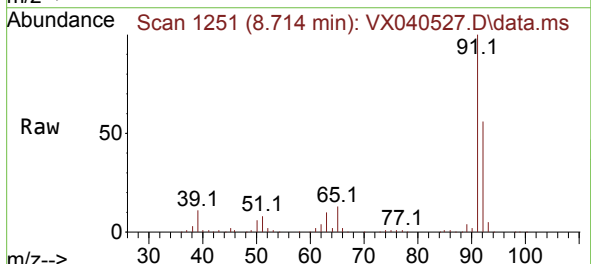
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

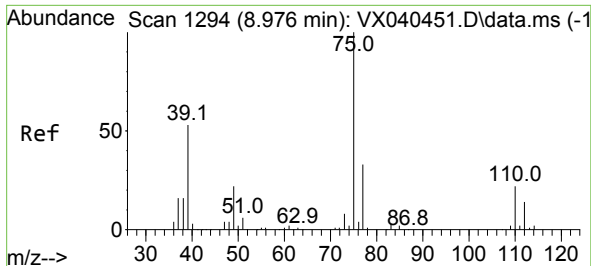
Tgt Ion: 43 Resp: 456402
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6



#52
Toluene
Concen: 50.465 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 92 Resp: 132487
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2

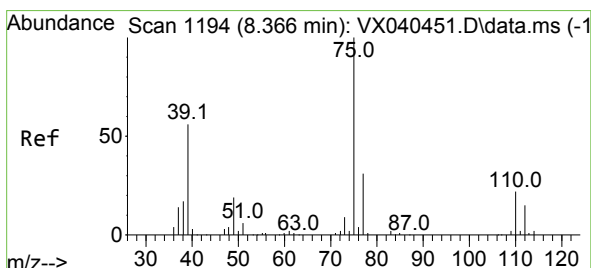
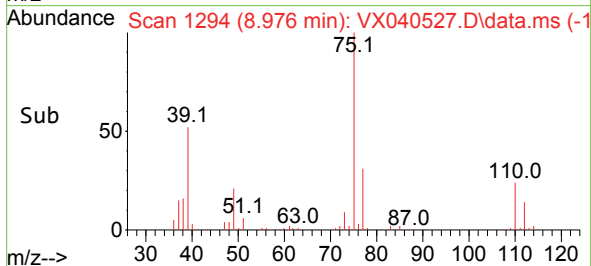
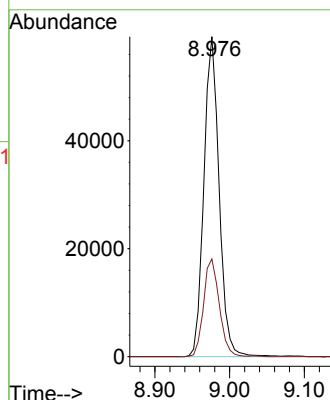
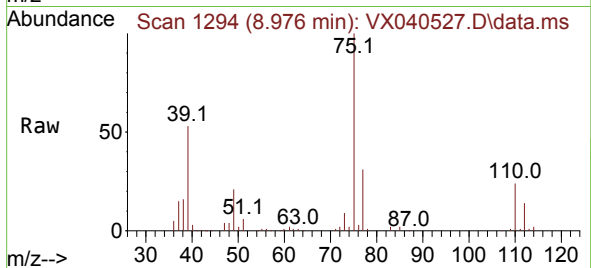




#53
 t-1,3-Dichloropropene
 Concen: 49.815 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

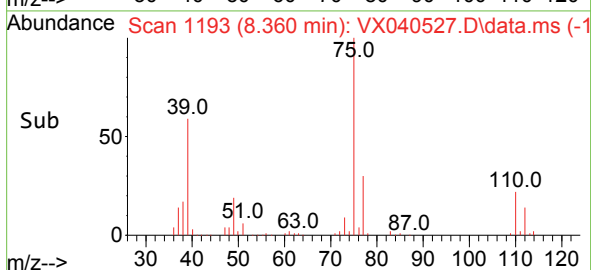
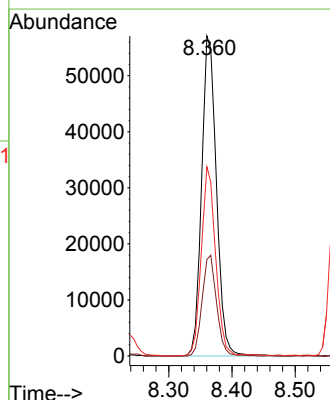
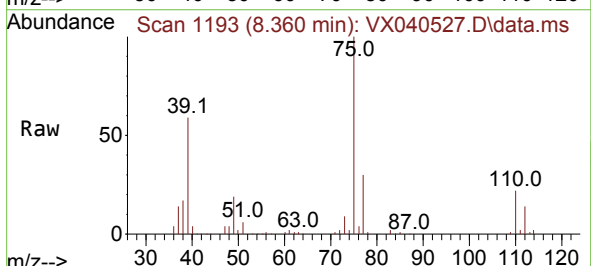
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

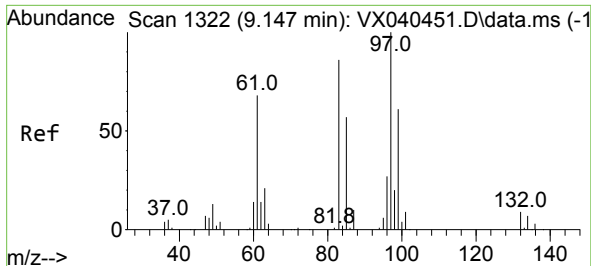
Tgt Ion: 75 Resp: 83783
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.467 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Tgt Ion: 75 Resp: 93043
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.3 37.9
 39 59.0 46.7 70.1

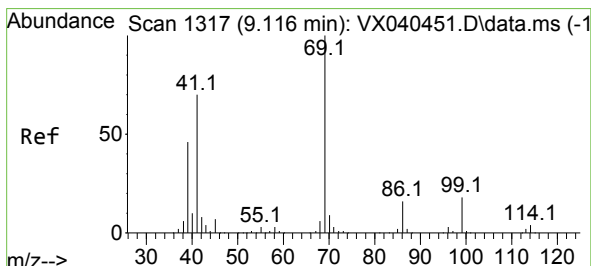
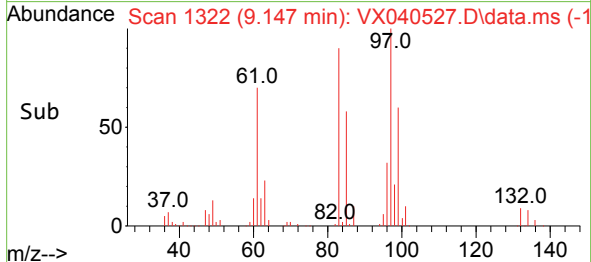
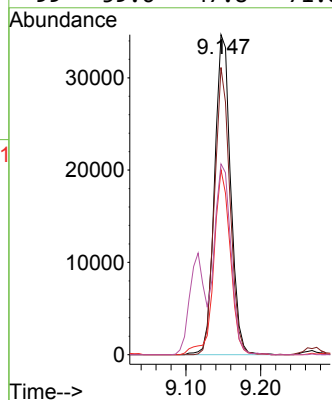
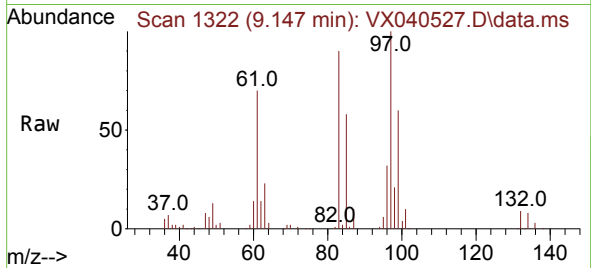




#55
 1,1,2-Trichloroethane
 Concen: 47.733 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

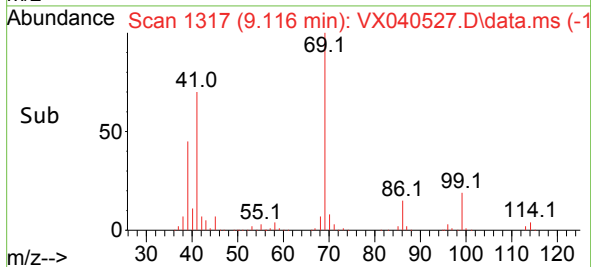
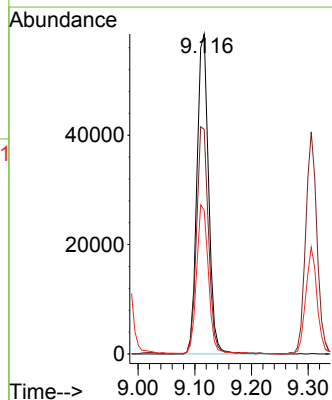
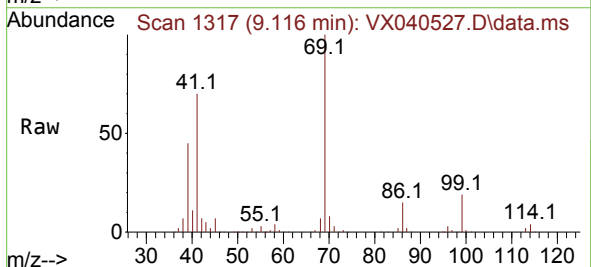
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

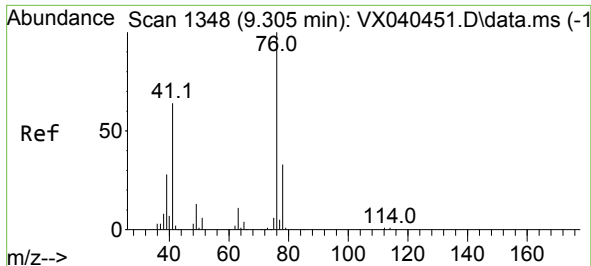
Tgt Ion: 97	Resp: 52005
Ion Ratio	Lower Upper
97 100	
83 89.7	65.8 98.8
85 57.8	41.6 62.4
99 59.6	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 49.597 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Tgt Ion: 69	Resp: 83547
Ion Ratio	Lower Upper
69 100	
41 72.7	56.8 85.2
39 46.6	32.0 48.0





#57

1,3-Dichloropropane

Concen: 46.463 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

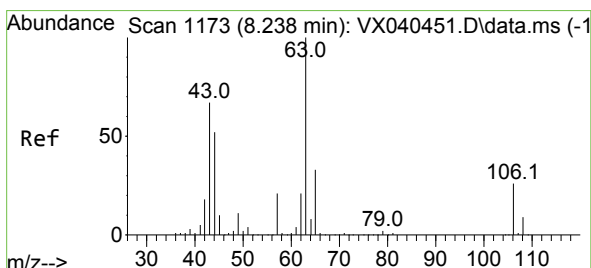
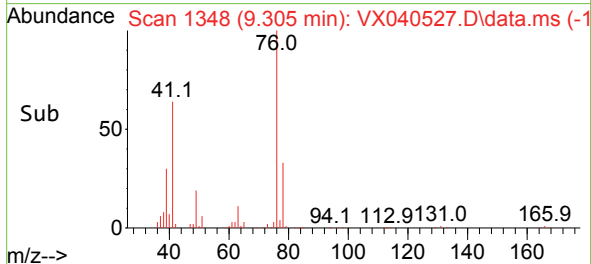
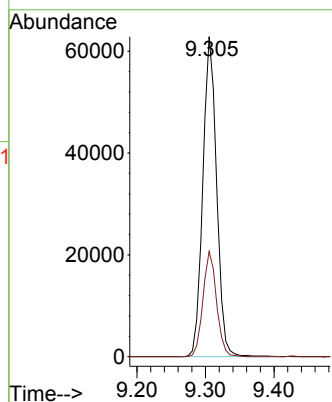
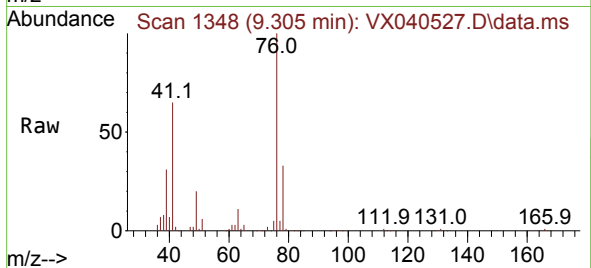
VSTDCCC050

Tgt Ion: 76 Resp: 88171

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.421 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040527.D

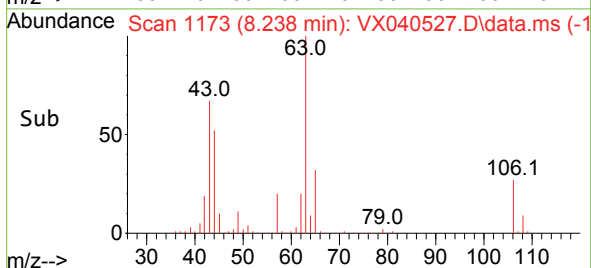
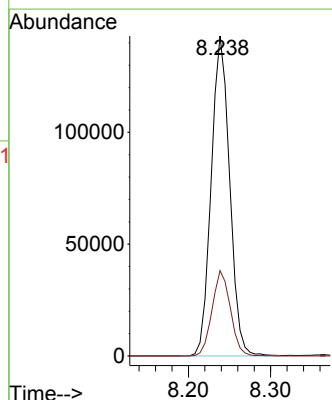
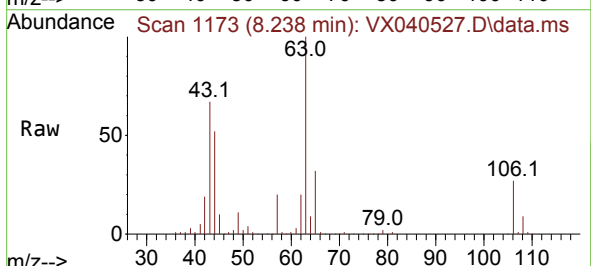
Acq: 29 Feb 2024 10:55

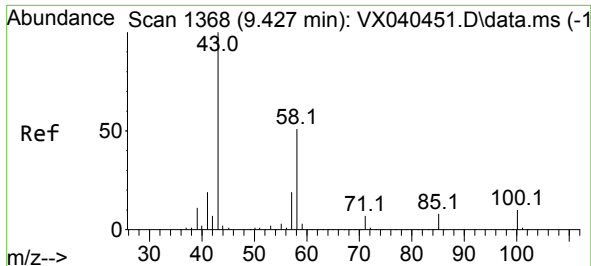
Tgt Ion: 63 Resp: 222949

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7

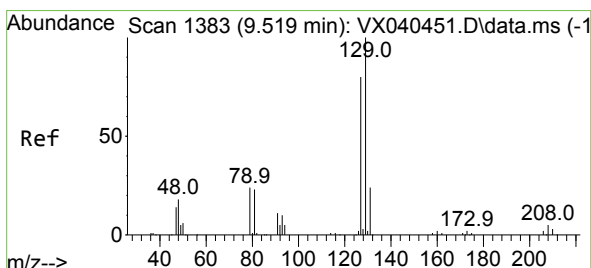
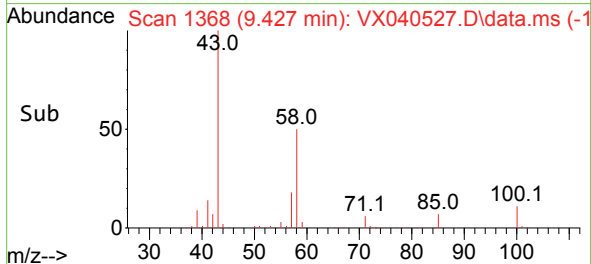
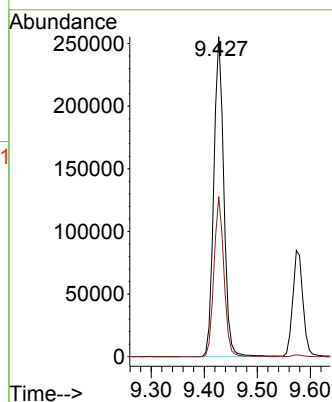
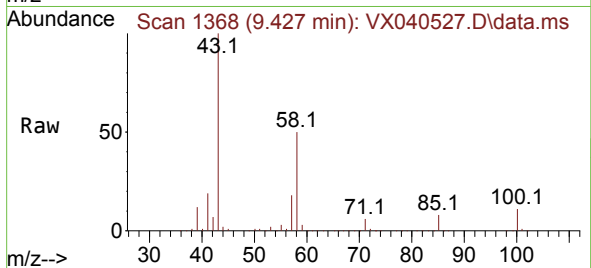




#59
2-Hexanone
Concen: 243.778 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

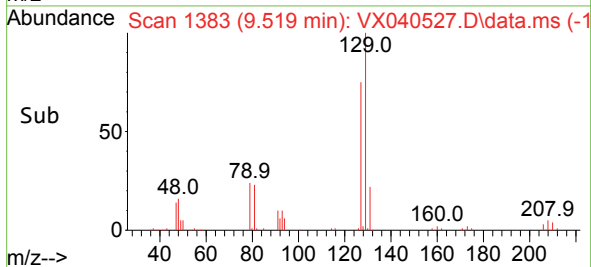
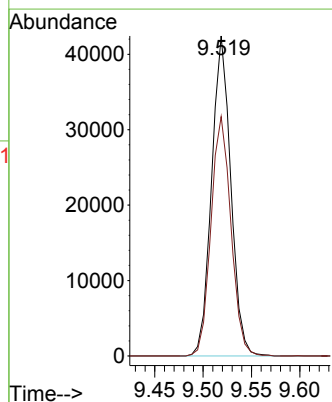
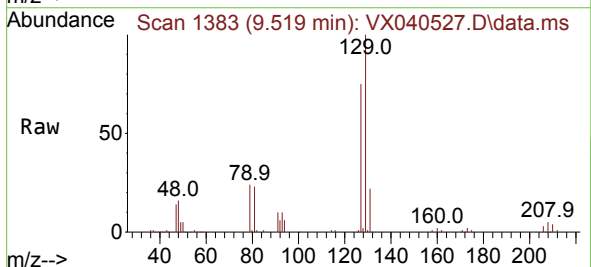
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

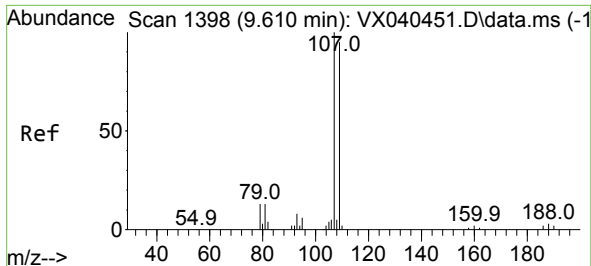
Tgt Ion: 43 Resp: 336230
Ion Ratio Lower Upper
43 100
58 49.7 26.2 78.5



#60
Dibromochloromethane
Concen: 49.522 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 129 Resp: 58603
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

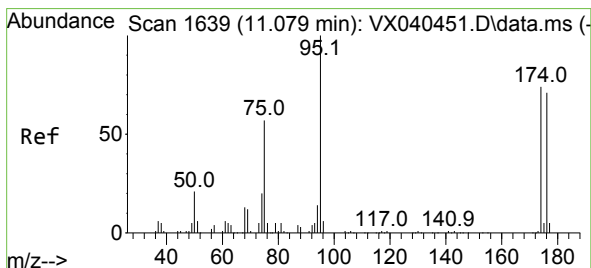
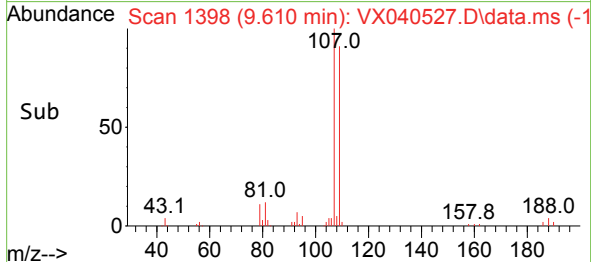
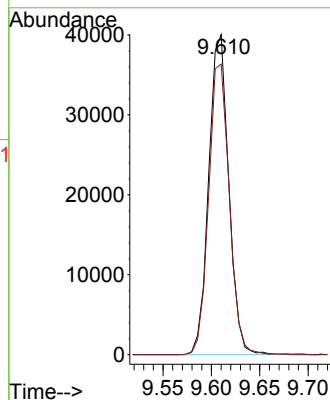
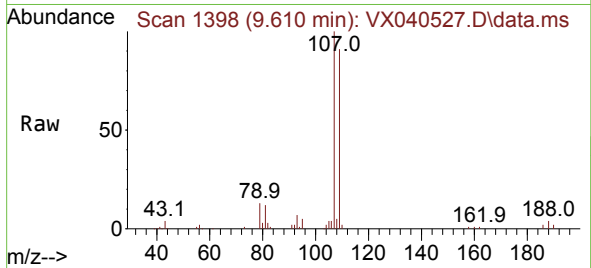




#61
1,2-Dibromoethane
Concen: 48.505 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

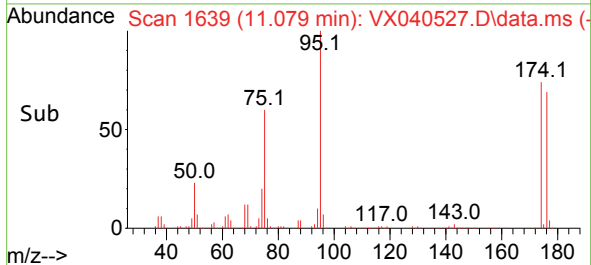
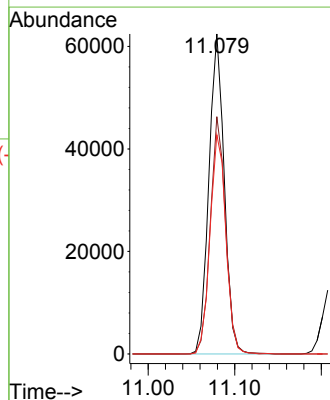
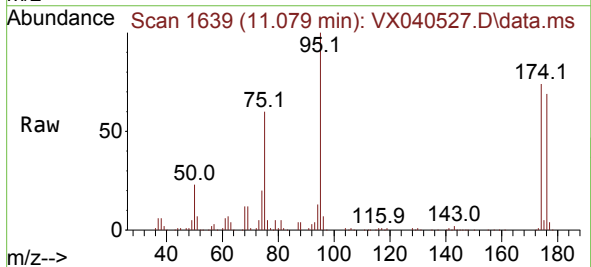
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

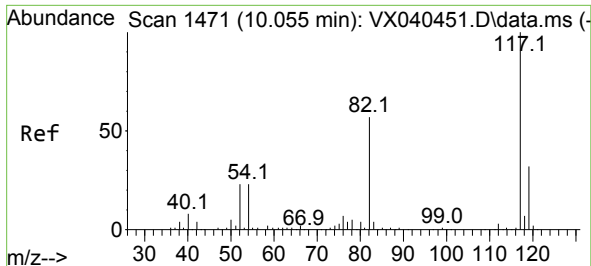
Tgt Ion:107 Resp: 57667
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 54.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 95 Resp: 76759
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 70.7 0.0 131.0

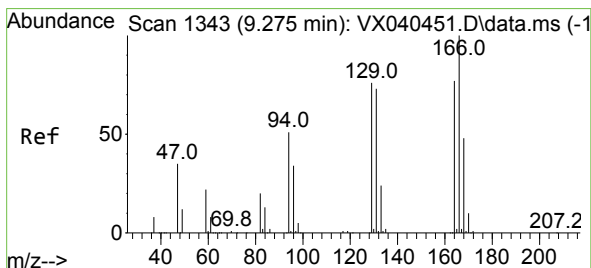
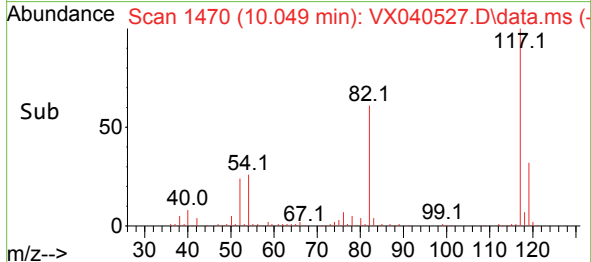
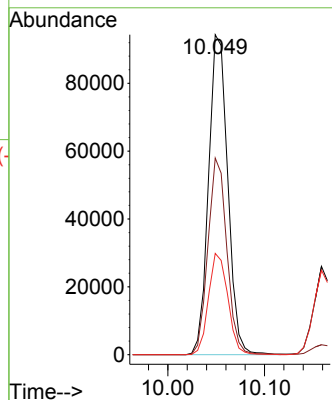
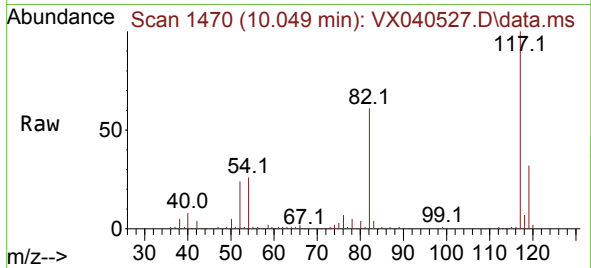




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

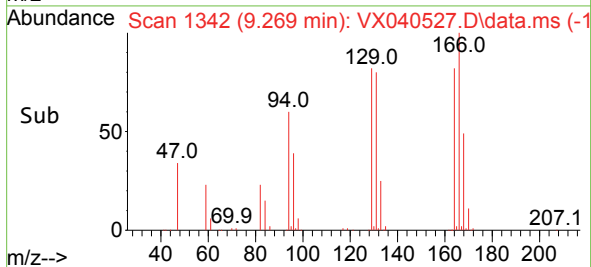
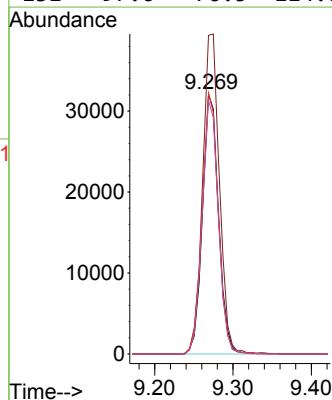
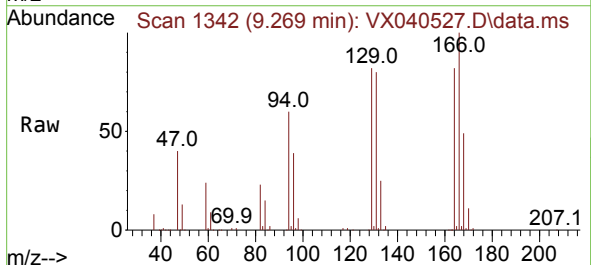
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

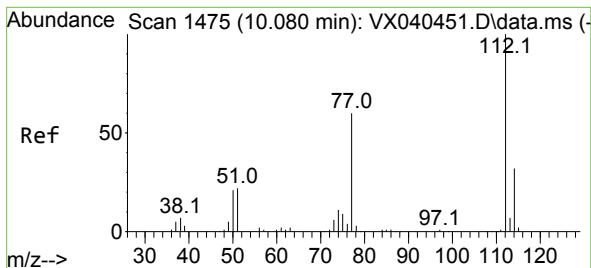
Tgt Ion:117 Resp: 129975
Ion Ratio Lower Upper
117 100
82 61.5 46.2 69.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 50.287 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion:164 Resp: 45887
Ion Ratio Lower Upper
164 100
166 122.6 102.7 154.1
129 100.4 80.4 120.6
131 97.6 76.5 114.7





#65

Chlorobenzene

Concen: 48.889 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

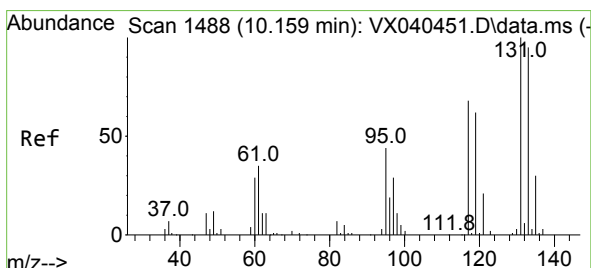
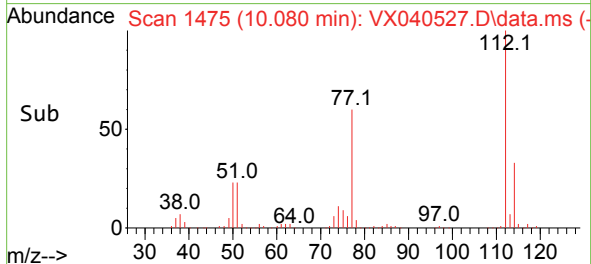
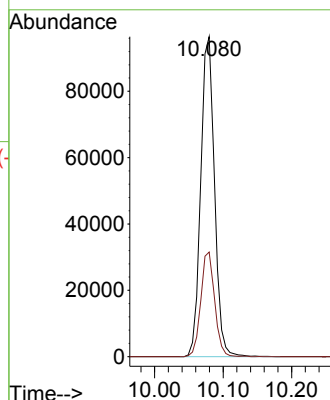
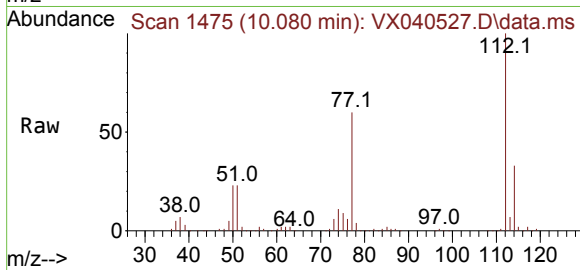
VSTDCCC050

Tgt Ion:112 Resp: 135159

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.477 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

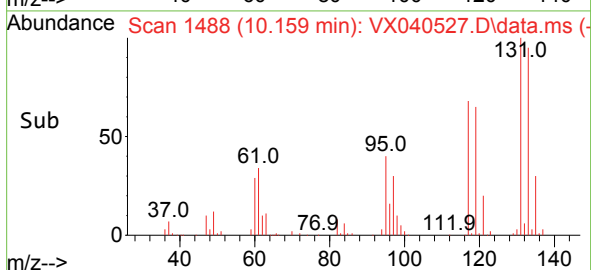
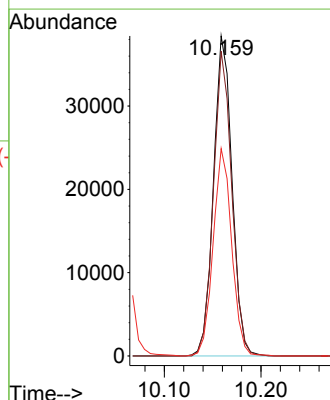
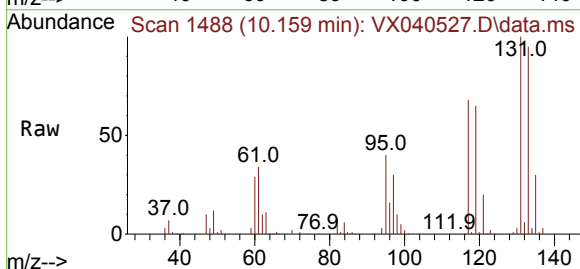
Tgt Ion:131 Resp: 51128

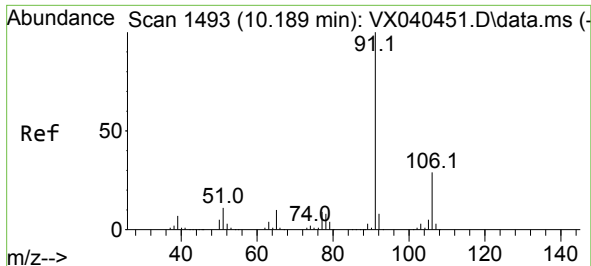
Ion Ratio Lower Upper

131 100

133 94.6 47.1 141.4

119 64.9 32.2 96.6

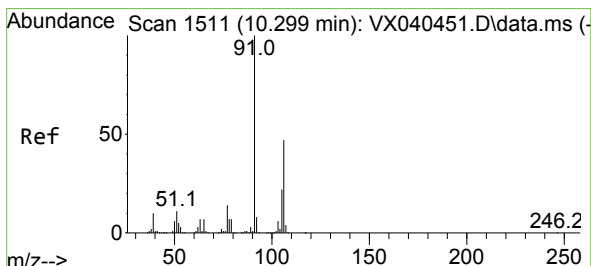
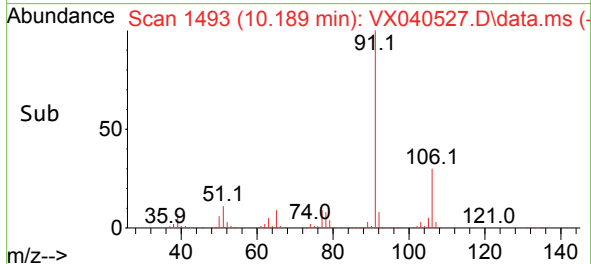
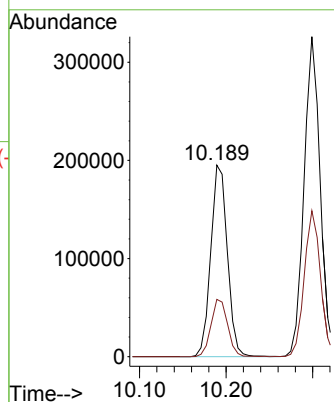
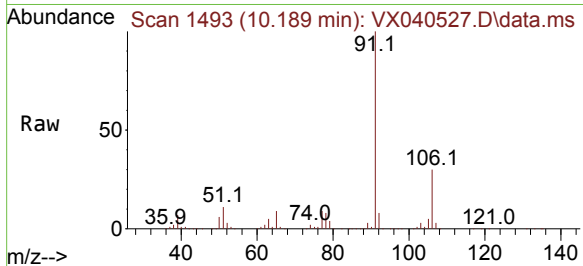




#67
Ethyl Benzene
Concen: 51.355 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

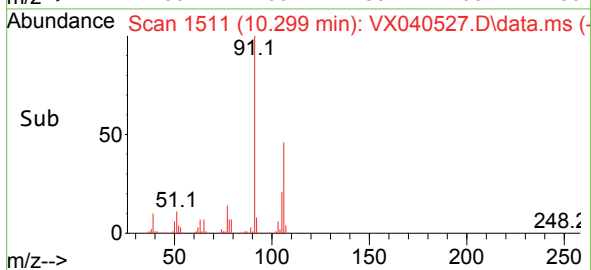
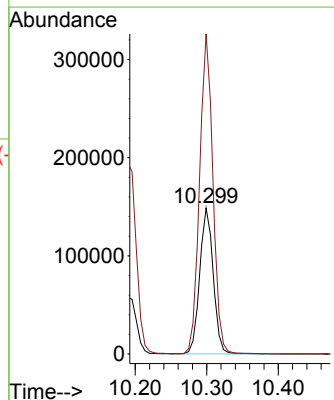
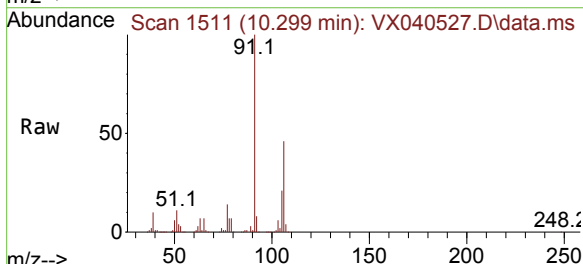
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

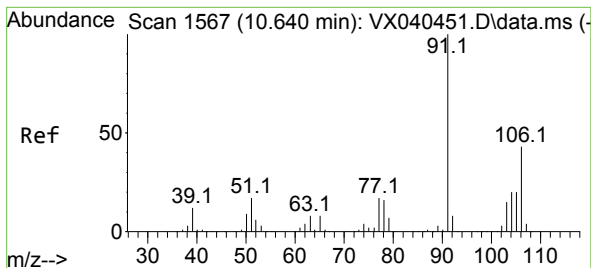
Tgt Ion: 91 Resp: 259891
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 103.183 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 106 Resp: 194992
Ion Ratio Lower Upper
106 100
91 216.4 165.5 248.3





#69

o-Xylene

Concen: 55.257 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

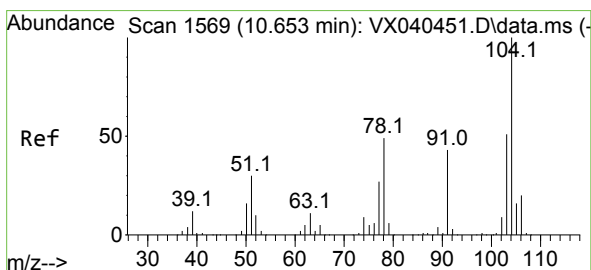
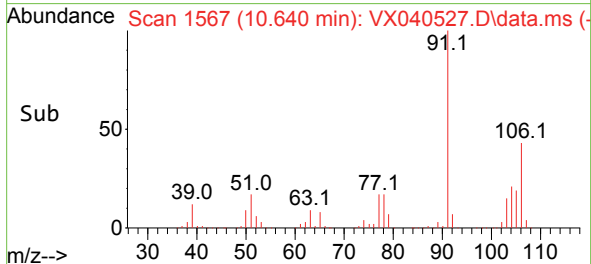
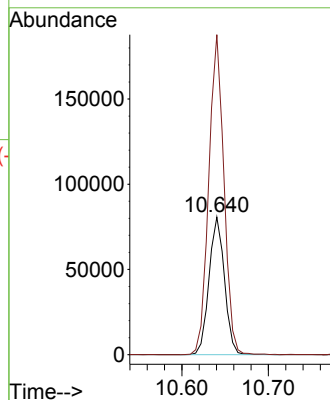
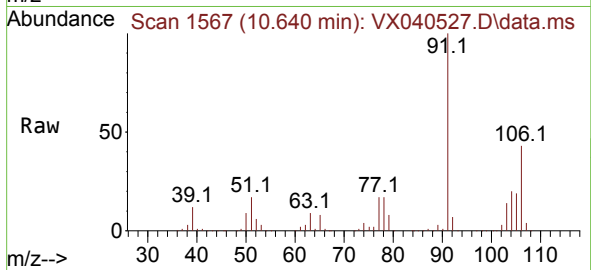
VSTDCCC050

Tgt Ion:106 Resp: 99872

Ion Ratio Lower Upper

106 100

91 228.9 108.9 326.8



#70

Styrene

Concen: 55.766 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

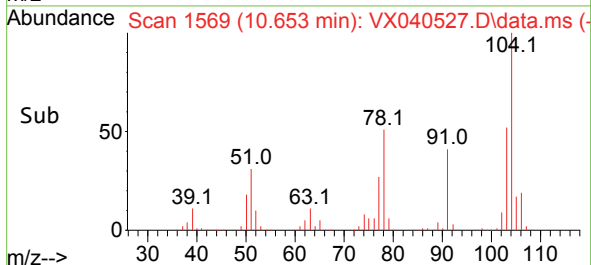
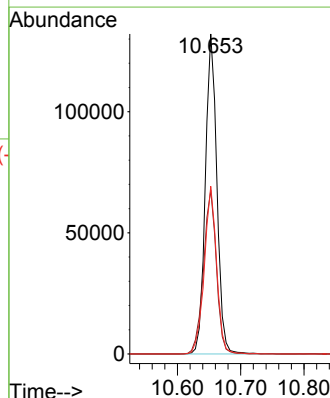
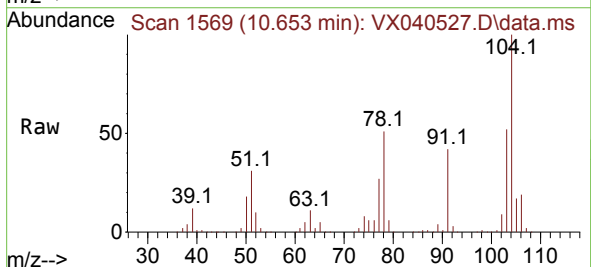
Tgt Ion:104 Resp: 168026

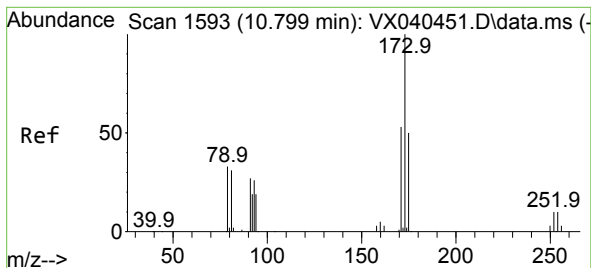
Ion Ratio Lower Upper

104 100

78 57.2 43.6 65.4

103 56.1 43.6 65.4





#71

Bromoform

Concen: 58.404 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

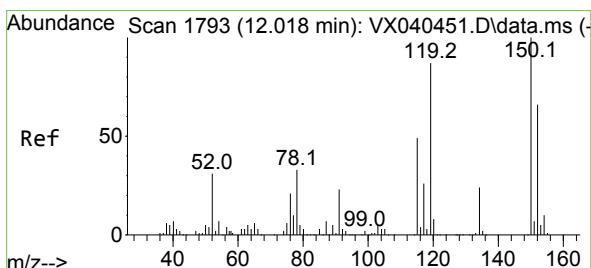
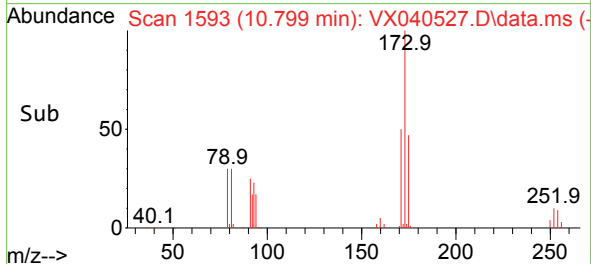
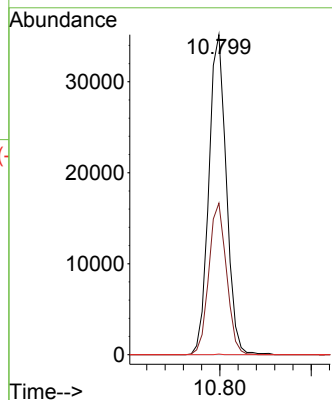
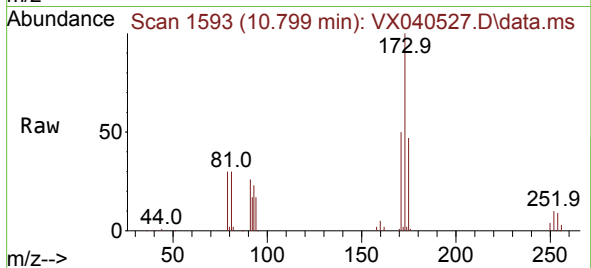
Tgt Ion:173 Resp: 46579

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

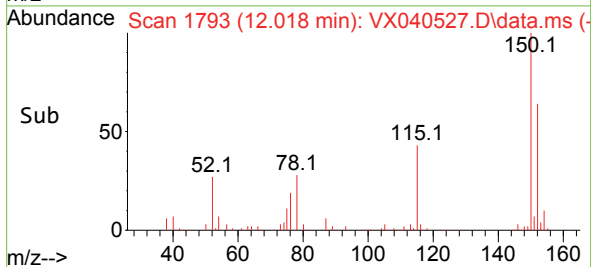
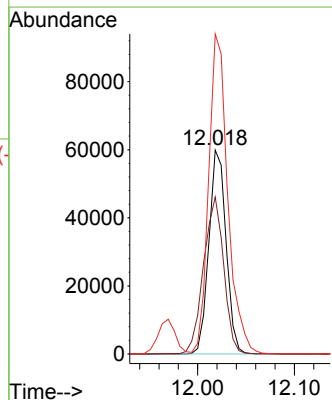
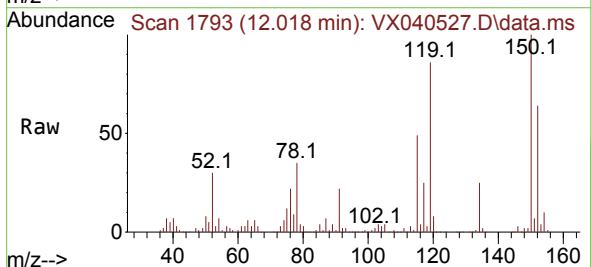
Tgt Ion:152 Resp: 74233

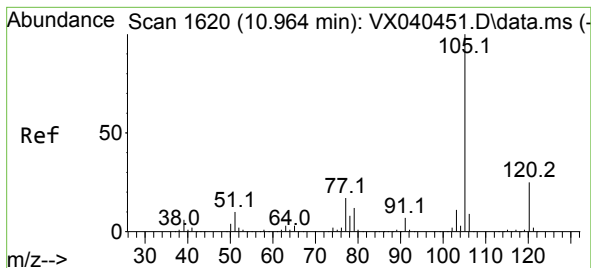
Ion Ratio Lower Upper

152 100

115 90.3 43.3 129.9

150 174.2 0.0 345.0





#73

Isopropylbenzene

Concen: 49.818 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

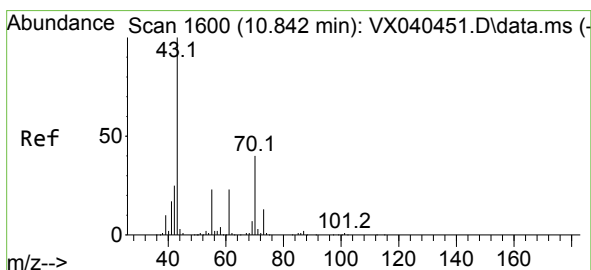
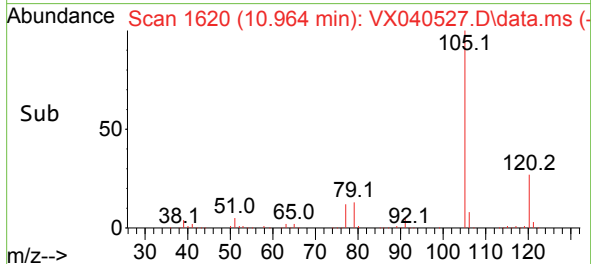
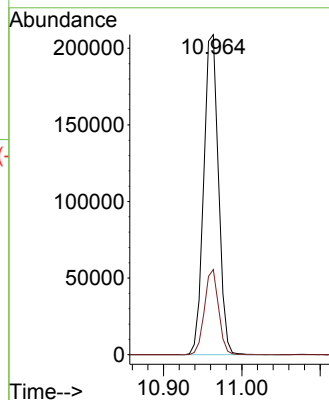
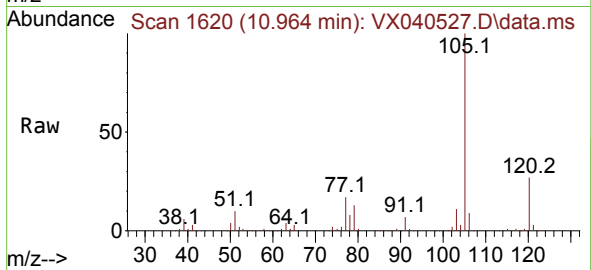
VSTDCCC050

Tgt Ion:105 Resp: 272350

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



#74

N-ethyl acetate

Concen: 50.014 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Tgt Ion: 43 Resp: 126989

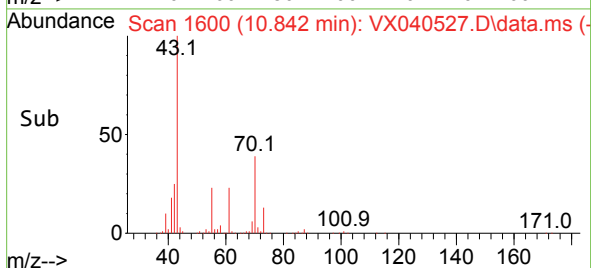
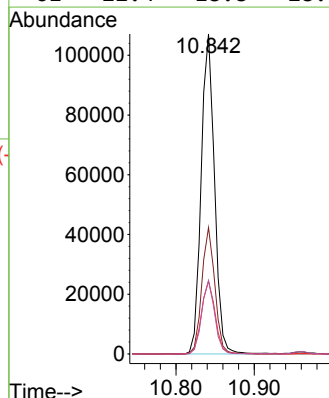
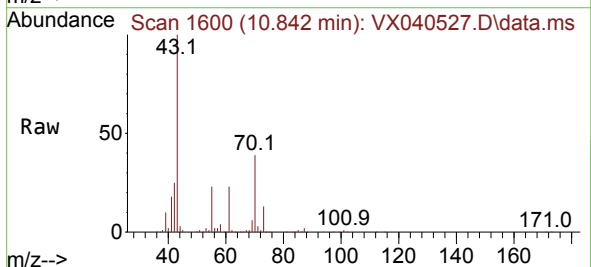
Ion Ratio Lower Upper

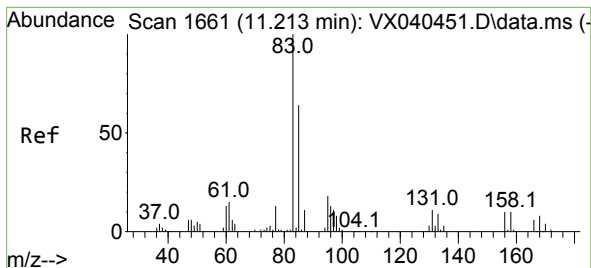
43 100

70 38.4 32.9 49.3

55 23.4 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.896 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

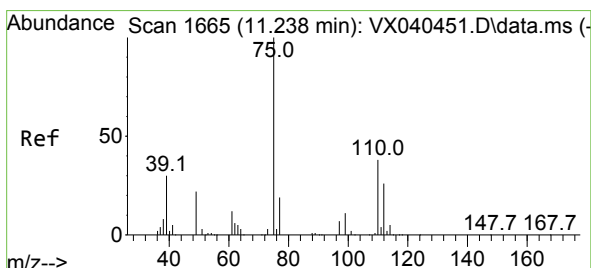
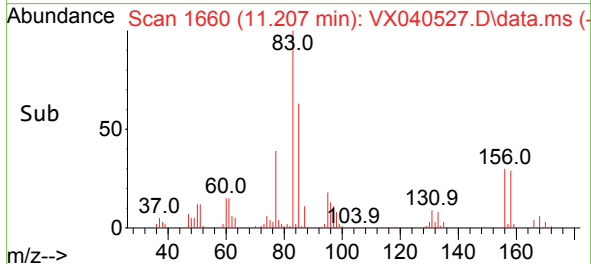
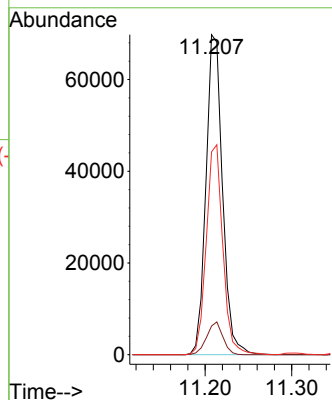
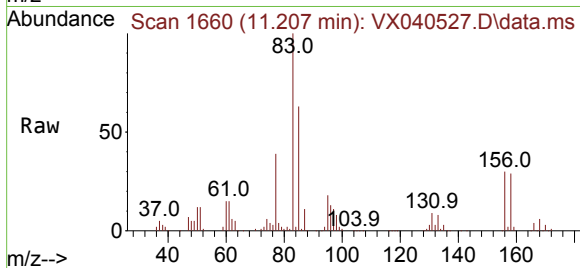
Tgt Ion: 83 Resp: 92717

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 65.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 64.135 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040527.D

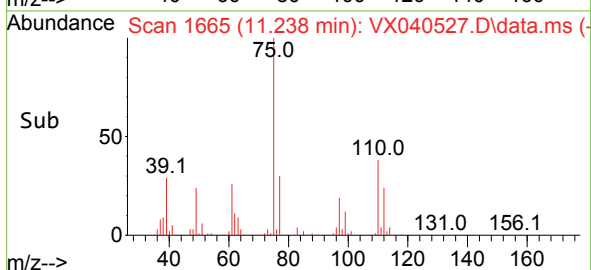
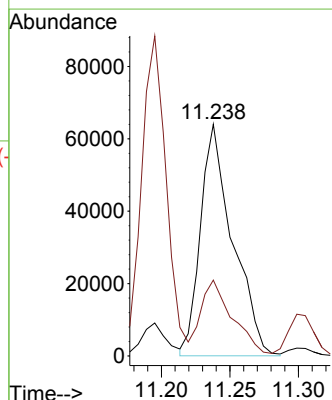
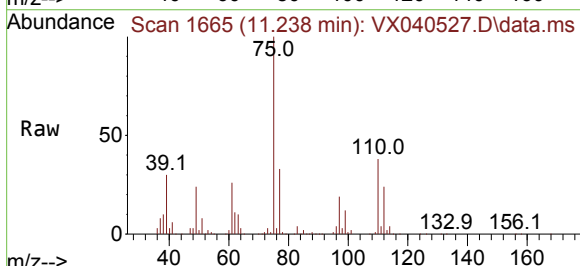
Acq: 29 Feb 2024 10:55

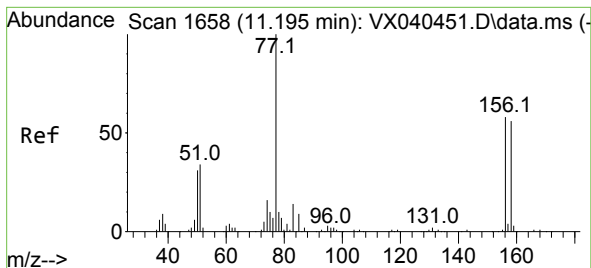
Tgt Ion: 75 Resp: 104781

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 49.505 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

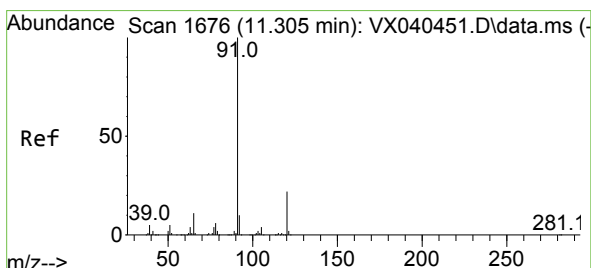
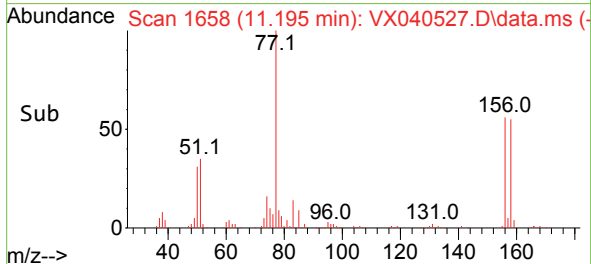
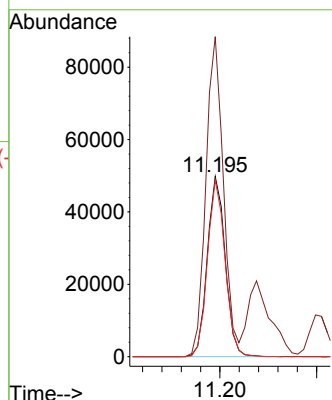
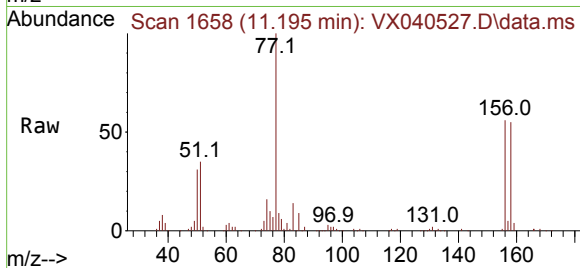
Tgt Ion:156 Resp: 63994

Ion Ratio Lower Upper

156 100

77 174.0 88.4 265.3

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 49.823 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040527.D

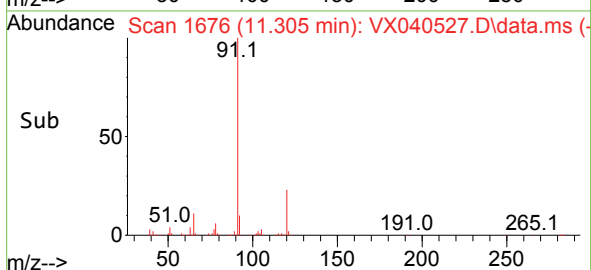
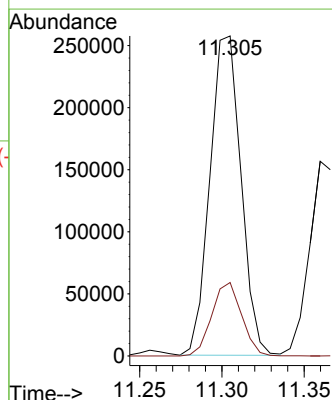
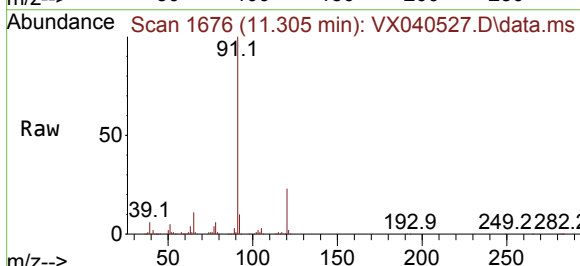
Acq: 29 Feb 2024 10:55

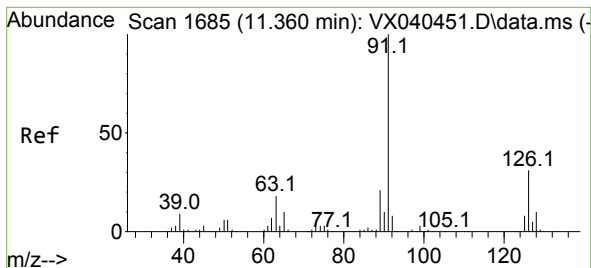
Tgt Ion: 91 Resp: 337854

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.818 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

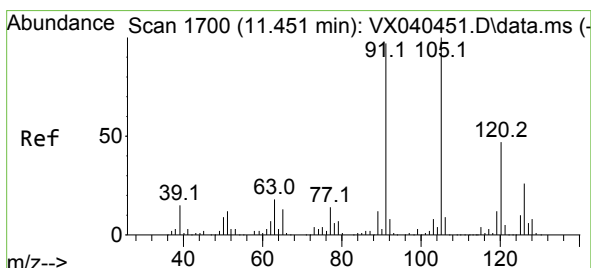
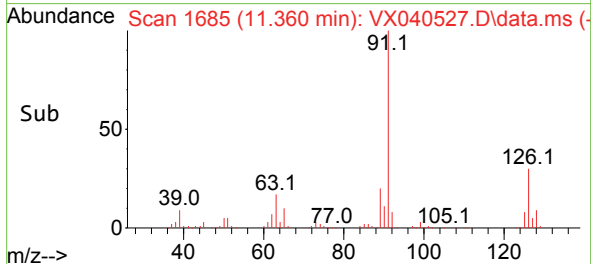
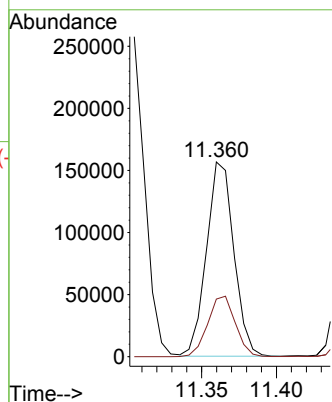
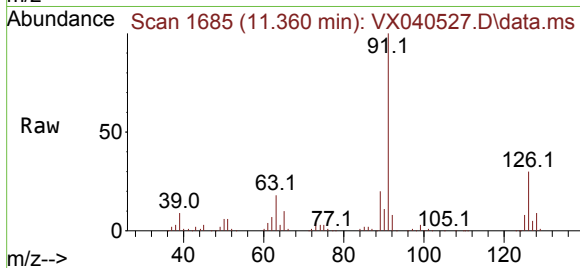
VSTDCCC050

Tgt Ion: 91 Resp: 199284

Ion Ratio Lower Upper

91 100

126 31.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.107 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040527.D

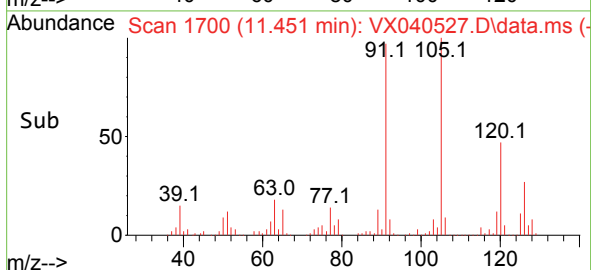
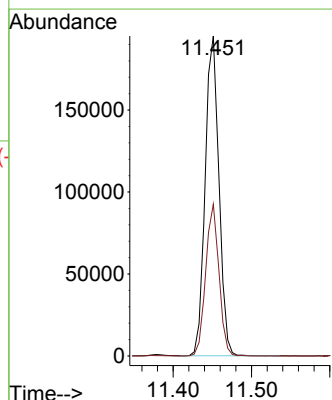
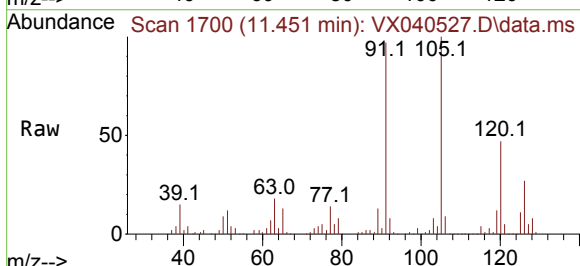
Acq: 29 Feb 2024 10:55

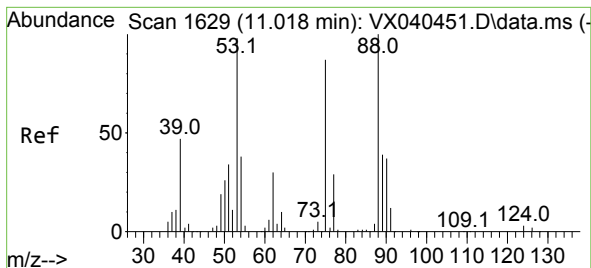
Tgt Ion:105 Resp: 237617

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3

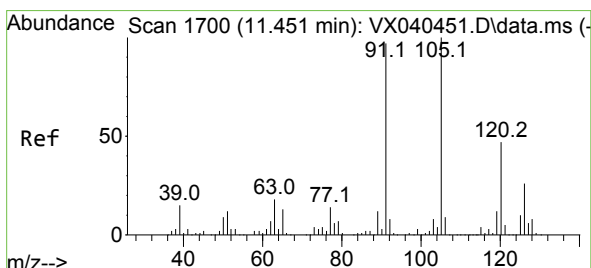
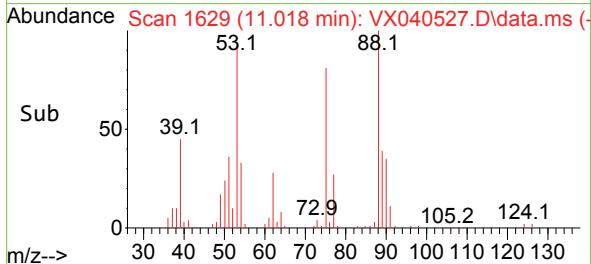
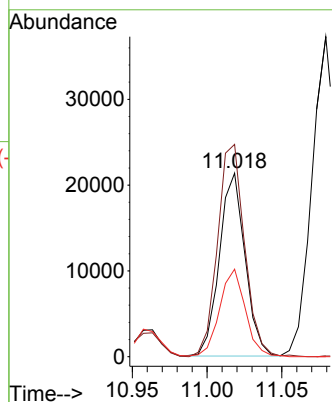
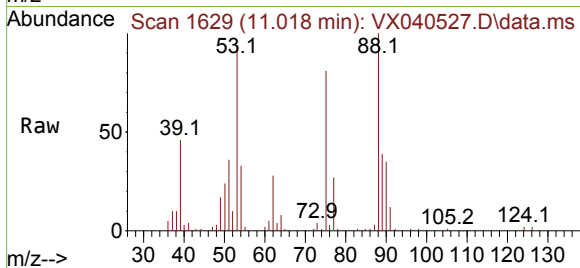




#81
trans-1,4-Dichloro-2-butene
Concen: 47.248 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

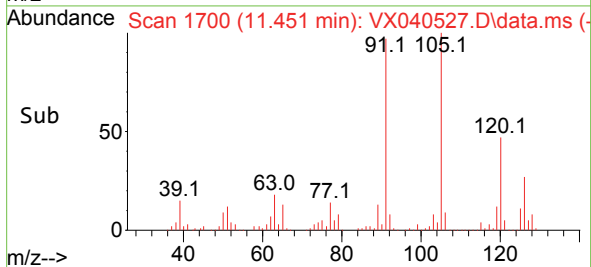
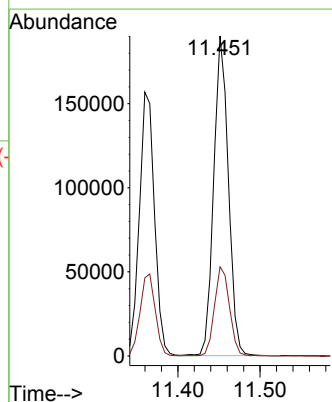
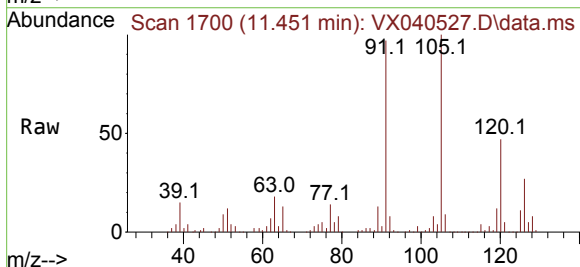
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

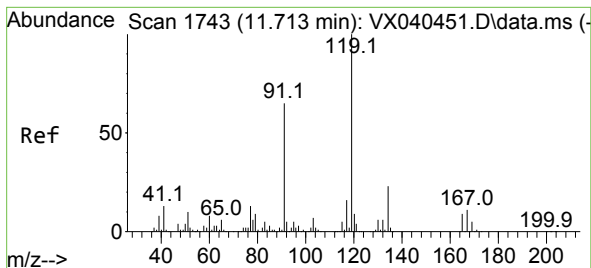
Tgt Ion: 75 Resp: 25452
Ion Ratio Lower Upper
75 100
53 122.3 90.5 135.7
89 48.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.881 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion: 91 Resp: 235467
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.479 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

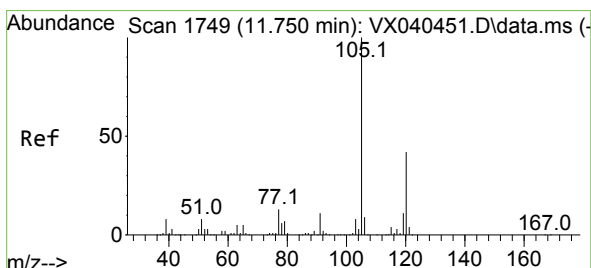
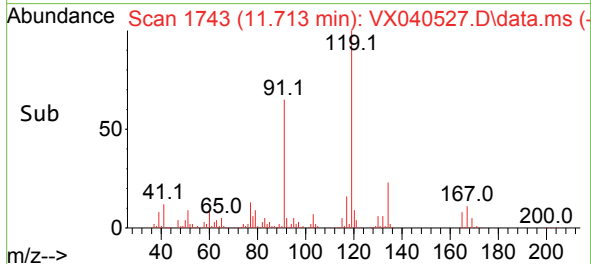
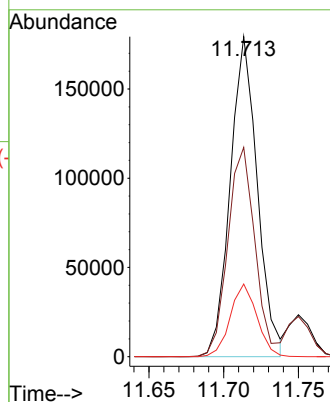
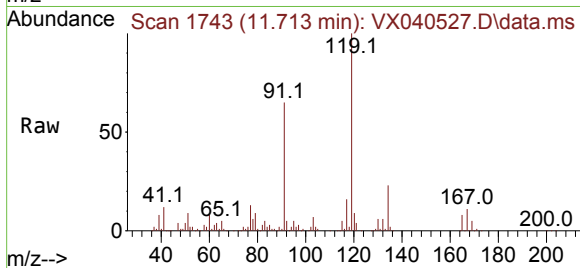
Tgt Ion:119 Resp: 225649

Ion Ratio Lower Upper

119 100

91 66.0 31.2 93.6

134 22.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.618 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040527.D

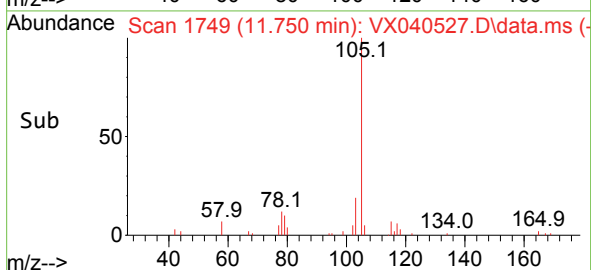
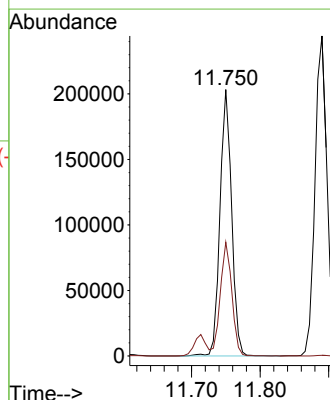
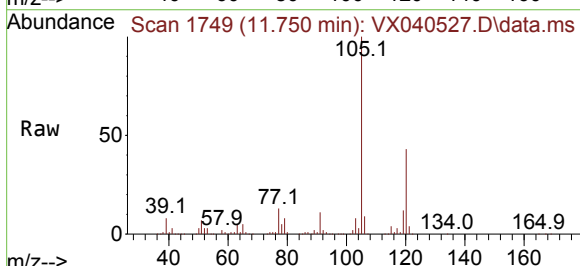
Acq: 29 Feb 2024 10:55

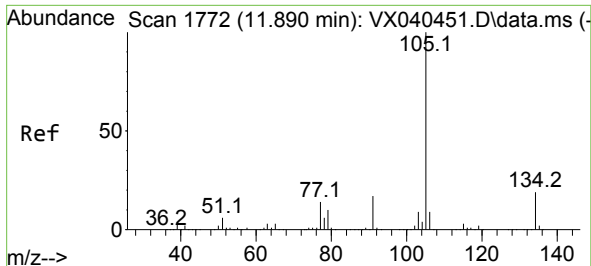
Tgt Ion:105 Resp: 238114

Ion Ratio Lower Upper

105 100

120 42.5 21.2 63.6

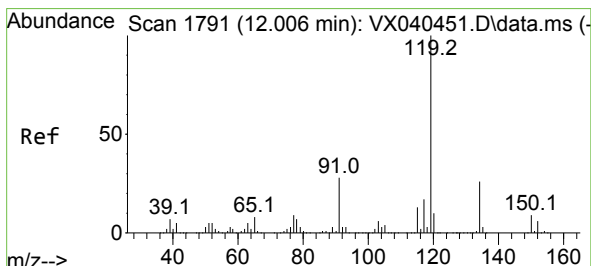
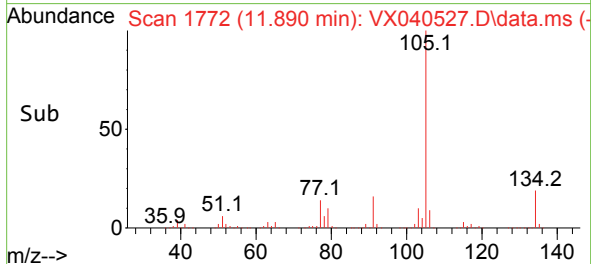
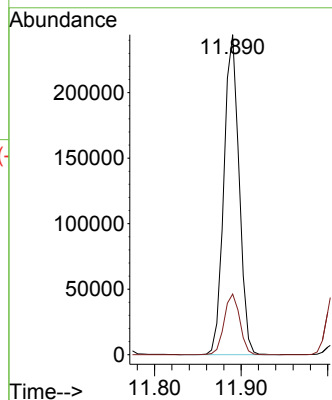
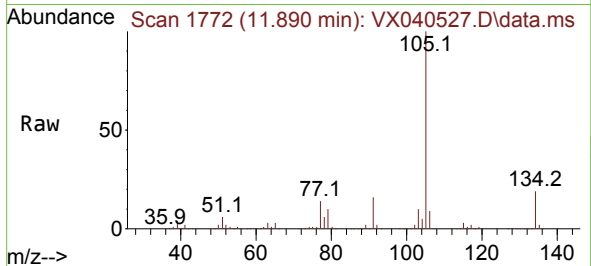




#85
 sec-Butylbenzene
 Concen: 51.659 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

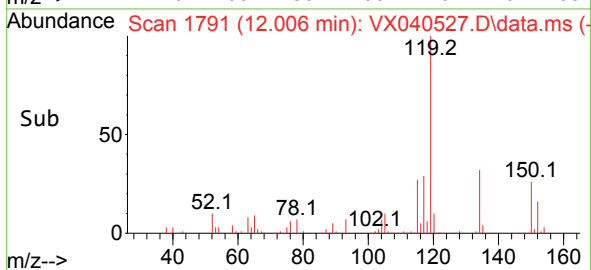
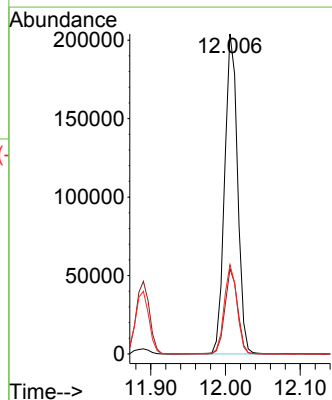
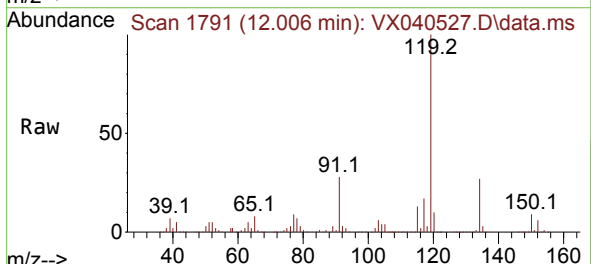
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

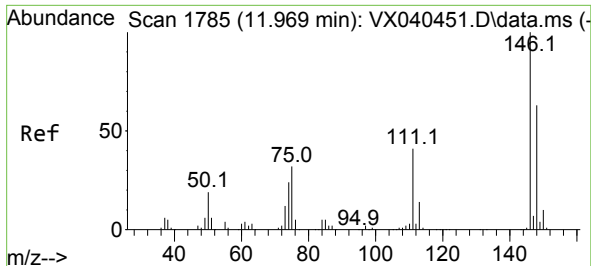
Tgt Ion:105 Resp: 297482
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.827 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Tgt Ion:119 Resp: 246005
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 27.5 13.1 39.3

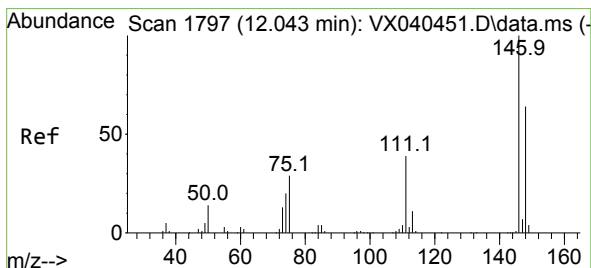
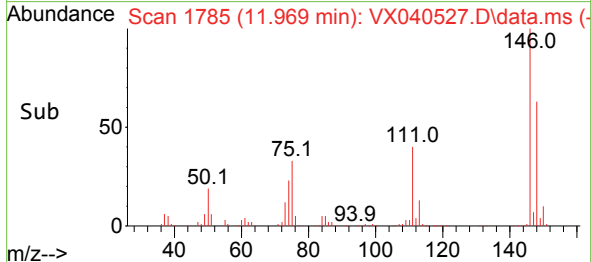
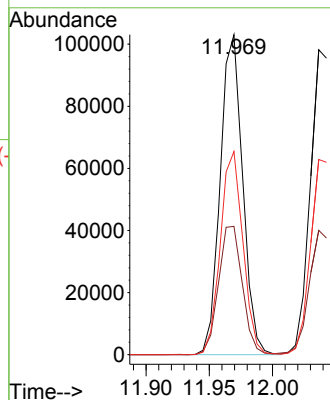
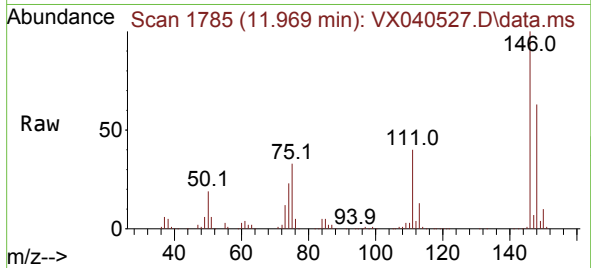




#87
1,3-Dichlorobenzene
Concen: 49.303 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

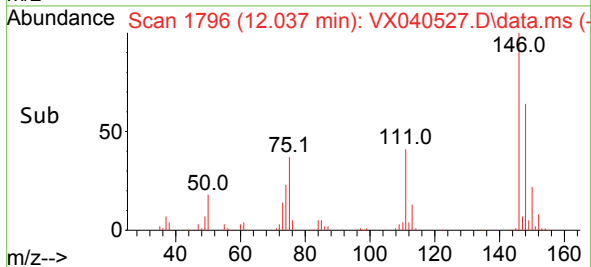
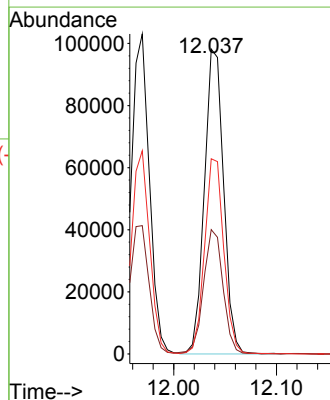
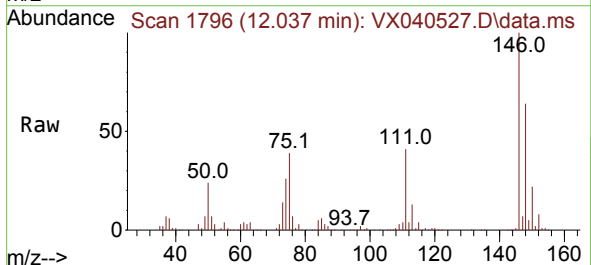
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

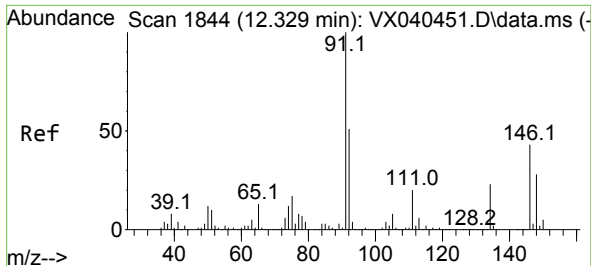
Tgt Ion:146 Resp: 127035
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.1
148 63.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 48.861 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion:146 Resp: 128162
Ion Ratio Lower Upper
146 100
111 41.3 21.3 63.7
148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 52.279 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

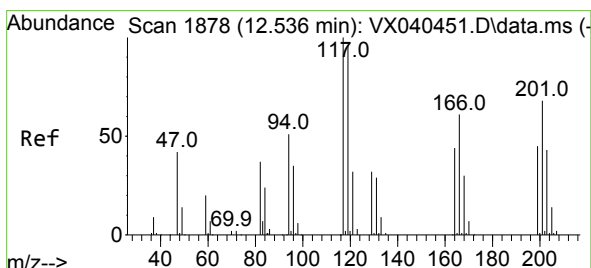
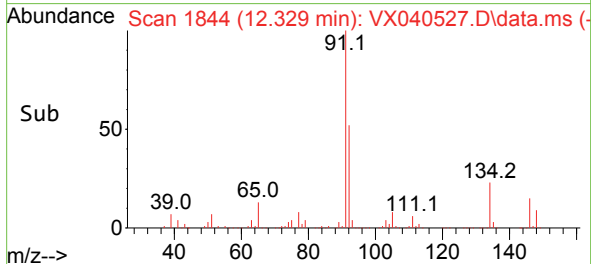
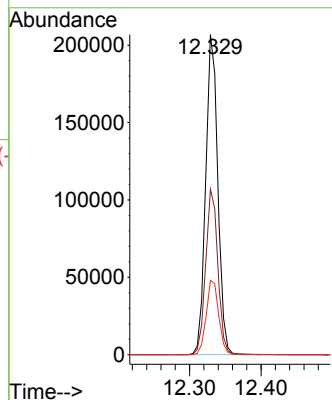
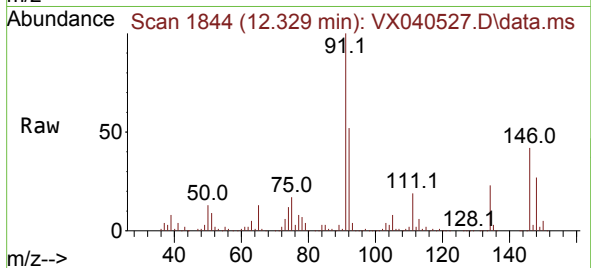
Tgt Ion: 91 Resp: 244141

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

134 23.9 12.6 37.8



#90

Hexachloroethane

Concen: 52.367 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040527.D

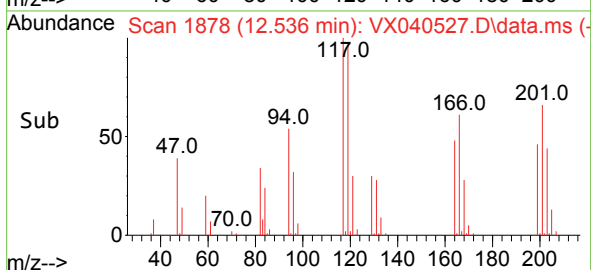
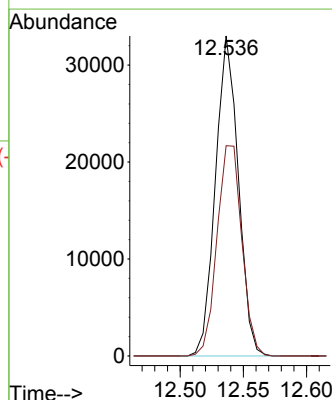
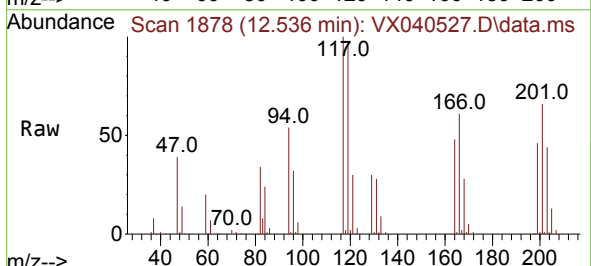
Acq: 29 Feb 2024 10:55

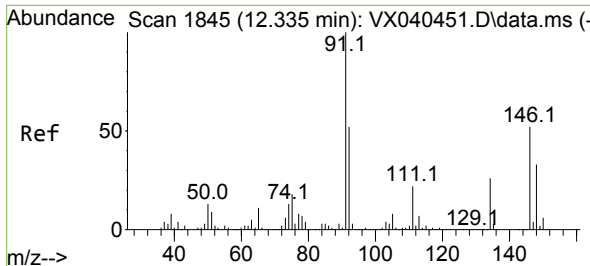
Tgt Ion: 117 Resp: 41370

Ion Ratio Lower Upper

117 100

201 71.5 32.9 98.6

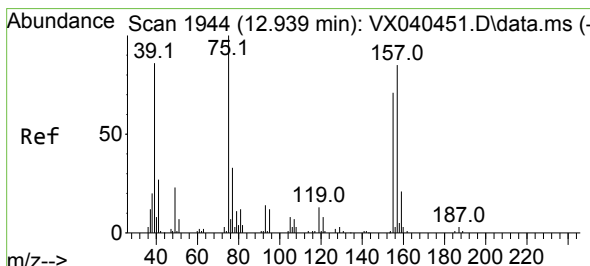
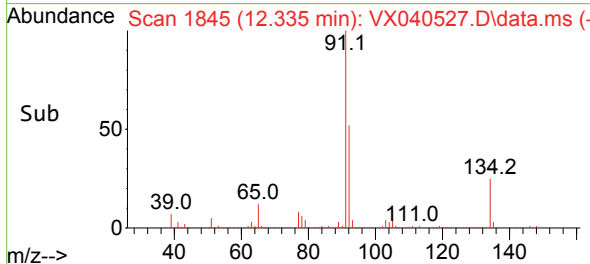
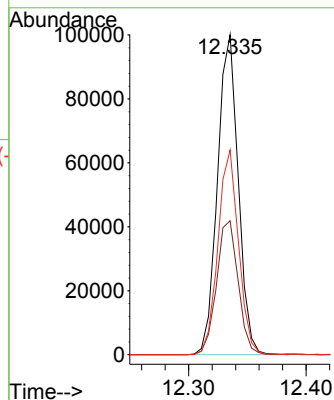
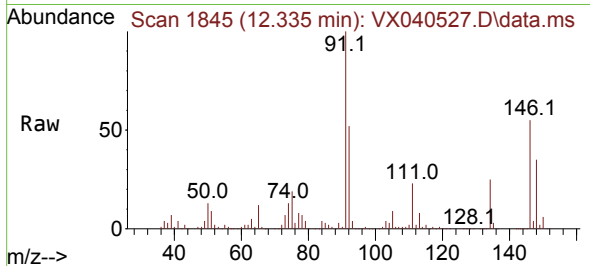




#91
 1,2-Dichlorobenzene
 Concen: 50.052 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

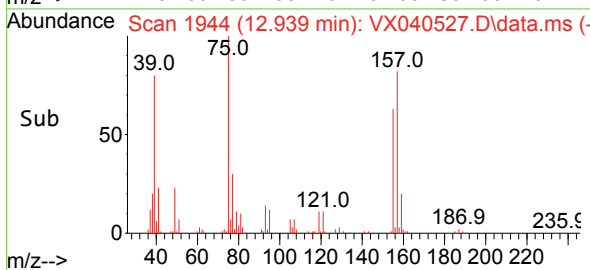
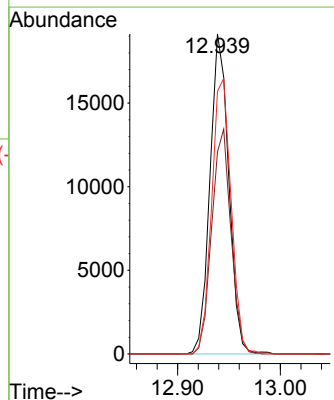
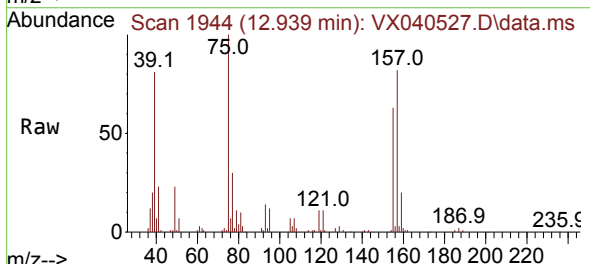
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

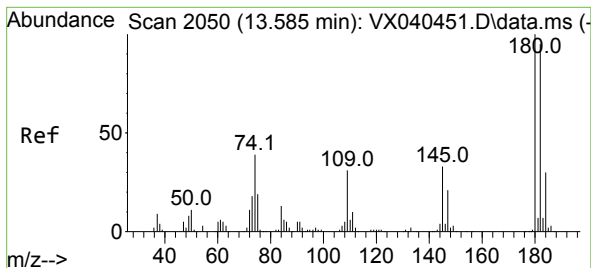
Tgt Ion:146 Resp: 122898
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.4 67.0
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.816 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX040527.D
 Acq: 29 Feb 2024 10:55

Tgt Ion: 75 Resp: 24344
 Ion Ratio Lower Upper
 75 100
 155 72.0 36.1 108.5
 157 89.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.614 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

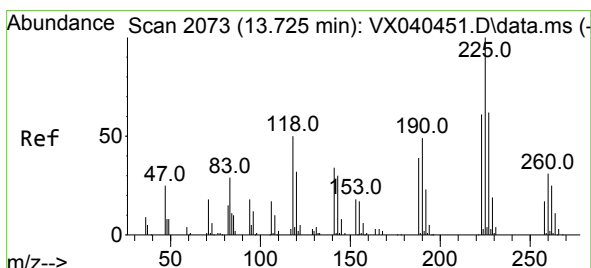
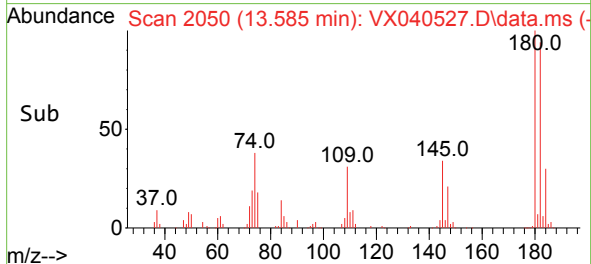
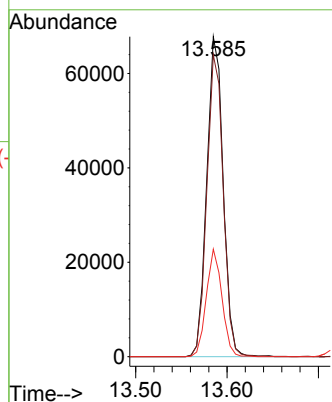
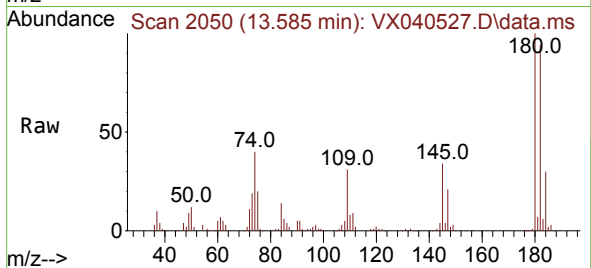
Tgt Ion:180 Resp: 84311

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 32.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 53.636 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040527.D

Acq: 29 Feb 2024 10:55

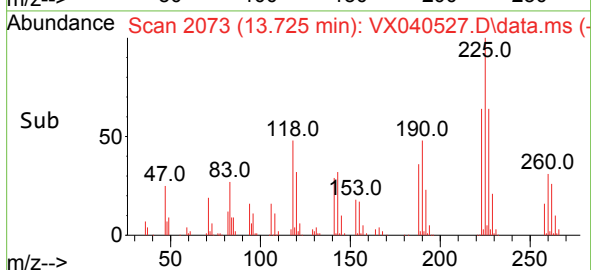
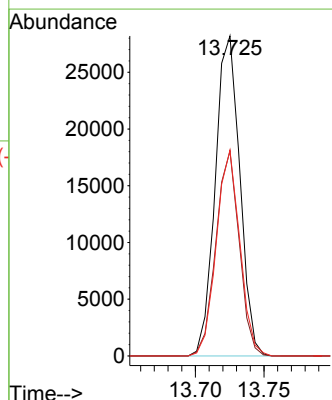
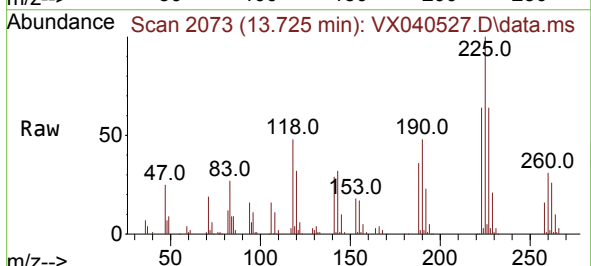
Tgt Ion:225 Resp: 35127

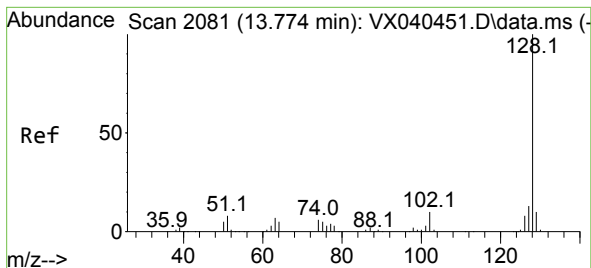
Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.2

227 61.6 32.5 97.5

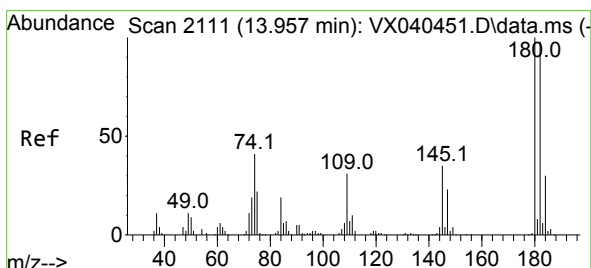
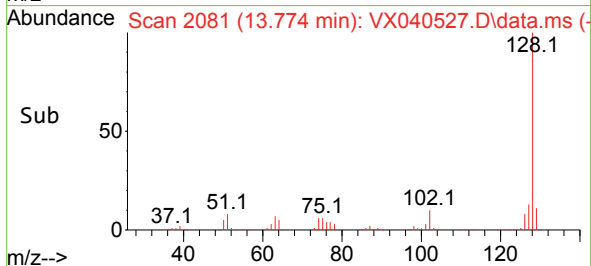
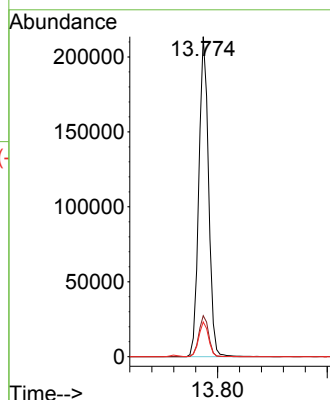
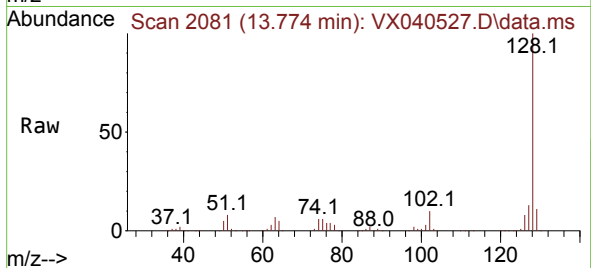




#95
Naphthalene
Concen: 51.660 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 264544
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.680 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040527.D
Acq: 29 Feb 2024 10:55

Tgt Ion:180 Resp: 80245
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 34.1 17.8 53.5

