

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041117.D
 Acq On : 16 Apr 2024 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 02:15:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104445	51.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.180%
35) Dibromofluoromethane	5.391	113	87914	49.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	8.647	98	305757	49.047	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	117669	49.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	68512	46.060	ug/l	97
3) Chloromethane	1.301	50	77584	46.932	ug/l	97
4) Vinyl Chloride	1.374	62	93492	49.343	ug/l	100
5) Bromomethane	1.599	94	60913	51.279	ug/l	99
6) Chloroethane	1.685	64	63214	50.546	ug/l	97
7) Trichlorofluoromethane	1.886	101	157316	52.897	ug/l	99
8) Diethyl Ether	2.136	74	62315	53.394	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	83935	48.550	ug/l	# 87
10) Methyl Iodide	2.453	142	106054	58.394	ug/l	91
11) Tert butyl alcohol	2.959	59	99068	250.112	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	81469	49.222	ug/l	86
13) Acrolein	2.233	56	121635	244.178	ug/l	98
14) Allyl chloride	2.666	41	137142	51.233	ug/l	96
15) Acrylonitrile	3.062	53	259218	264.316	ug/l	99
16) Acetone	2.380	43	201580	236.868	ug/l	96
17) Carbon Disulfide	2.514	76	172106	45.681	ug/l	98
18) Methyl Acetate	2.703	43	116449	54.810	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	280844	54.897	ug/l	98
20) Methylene Chloride	2.788	84	89249	49.148	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	84022	49.489	ug/l	87
22) Diisopropyl ether	3.757	45	282844	55.174	ug/l	98
23) Vinyl Acetate	3.721	43	1298663	279.529	ug/l	96
24) 1,1-Dichloroethane	3.611	63	154500	51.475	ug/l	97
25) 2-Butanone	4.550	43	355726	266.040	ug/l	98
26) 2,2-Dichloropropane	4.477	77	109776	46.078	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	105542	51.456	ug/l	89
28) Bromochloromethane	4.897	49	58798	50.468	ug/l	# 75
29) Tetrahydrofuran	5.001	42	241080	272.345	ug/l	95
30) Chloroform	5.093	83	172577	52.914	ug/l	99
31) Cyclohexane	5.471	56	120451	48.025	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	149615	52.272	ug/l	98
36) 1,1-Dichloropropene	5.690	75	107739	47.816	ug/l	96
37) Ethyl Acetate	4.715	43	141969	52.761	ug/l	99
38) Carbon Tetrachloride	5.678	117	133023	50.915	ug/l	98
39) Methylcyclohexane	7.379	83	133771	47.315	ug/l	93
40) Benzene	6.038	78	344352	50.065	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041117.D
 Acq On : 16 Apr 2024 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 02:15:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78745	55.841	ug/l	95
42) 1,2-Dichloroethane	6.086	62	129245	52.440	ug/l	94
43) Isopropyl Acetate	6.342	43	213621	53.462	ug/l	98
44) Trichloroethene	7.123	130	97757	47.853	ug/l	89
45) 1,2-Dichloropropane	7.428	63	83987	51.425	ug/l	100
46) Dibromomethane	7.580	93	67468	52.540	ug/l #	78
47) Bromodichloromethane	7.818	83	133977	53.601	ug/l	97
48) Methyl methacrylate	7.690	41	107344	55.038	ug/l	94
49) 1,4-Dioxane	7.653	88	49758	1091.772	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	736980	271.505	ug/l	98
52) Toluene	8.714	92	223856	49.858	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	126422	52.733	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	138337	52.523	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	94431	52.382	ug/l	96
56) Ethyl methacrylate	9.116	69	149125	51.198	ug/l	95
57) 1,3-Dichloropropane	9.305	76	152808	52.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	346718	273.471	ug/l	92
59) 2-Hexanone	9.427	43	572789	272.782	ug/l	97
60) Dibromochloromethane	9.519	129	118084	54.153	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100395	50.983	ug/l	99
64) Tetrachloroethene	9.275	164	97205	48.730	ug/l	89
65) Chlorobenzene	10.079	112	266106	48.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98161	51.787	ug/l	98
67) Ethyl Benzene	10.195	91	432709	50.046	ug/l	97
68) m/p-Xylenes	10.299	106	341945	99.430	ug/l	93
69) o-Xylene	10.640	106	168070	50.205	ug/l	93
70) Styrene	10.653	104	292339	51.428	ug/l	95
71) Bromoform	10.799	173	96746	54.190	ug/l #	98
73) Isopropylbenzene	10.963	105	436615	50.648	ug/l	97
74) N-amyl acetate	10.842	43	188485	55.117	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	145199	51.330	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	161070	67.631	ug/l	90
77) Bromobenzene	11.195	156	126638	50.038	ug/l	78
78) n-propylbenzene	11.305	91	489613	50.647	ug/l	96
79) 2-Chlorotoluene	11.366	91	294689	50.004	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	364075	50.700	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43063	46.909	ug/l	93
82) 4-Chlorotoluene	11.451	91	344312	50.178	ug/l	92
83) tert-Butylbenzene	11.713	119	385923	50.390	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	366531	51.144	ug/l	93
85) sec-Butylbenzene	11.890	105	460974	50.163	ug/l	95
86) p-Isopropyltoluene	12.006	119	414288	50.798	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	229510	48.071	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	234083	46.490	ug/l	95
89) n-Butylbenzene	12.329	91	344557	49.798	ug/l	97
90) Hexachloroethane	12.536	117	70473	51.029	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	230168	48.581	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33166	54.056	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	173099	48.613	ug/l	95
94) Hexachlorobutadiene	13.725	225	80381	47.353	ug/l	99
95) Naphthalene	13.774	128	510168	53.046	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173806	49.158	ug/l	94

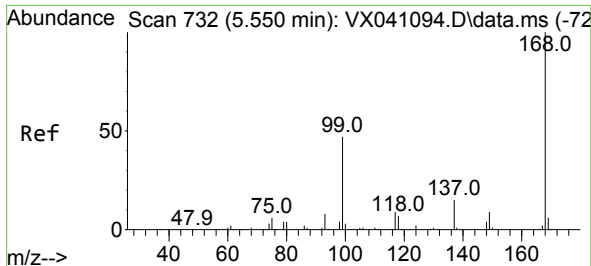
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
Data File : VX041117.D
Acq On : 16 Apr 2024 19:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 17 02:15:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

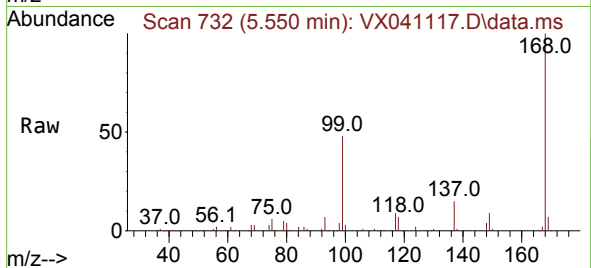
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

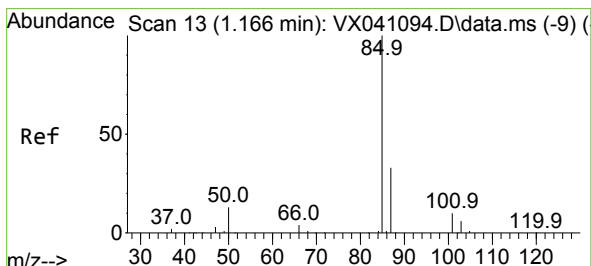
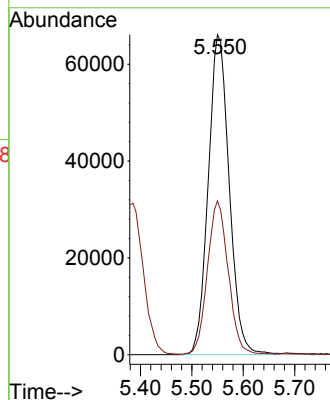
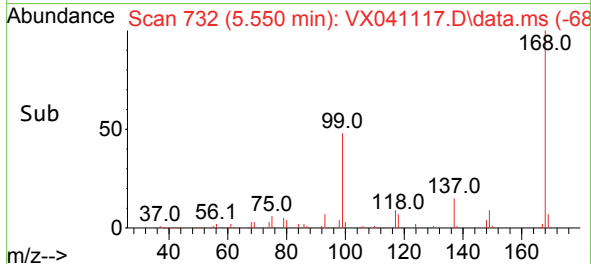


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

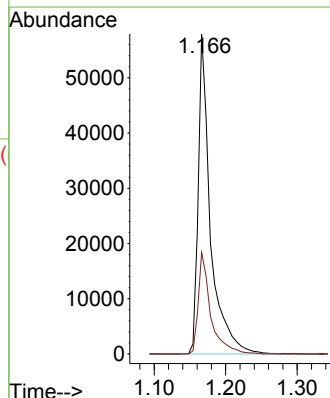
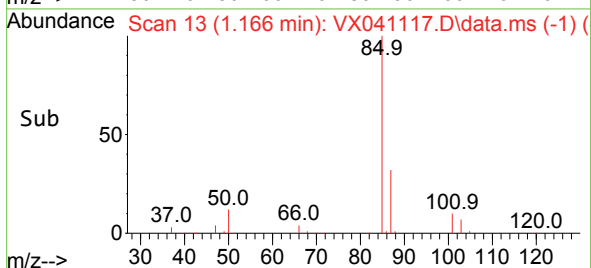
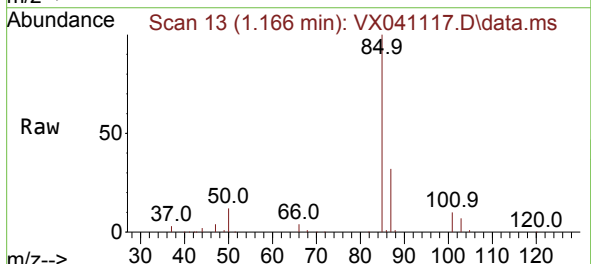


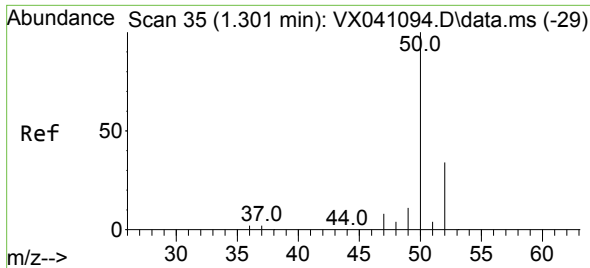
Tgt Ion:168 Resp: 187532
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 46.060 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

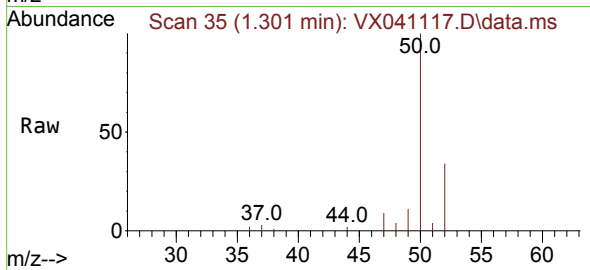
Tgt Ion: 85 Resp: 68512
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1



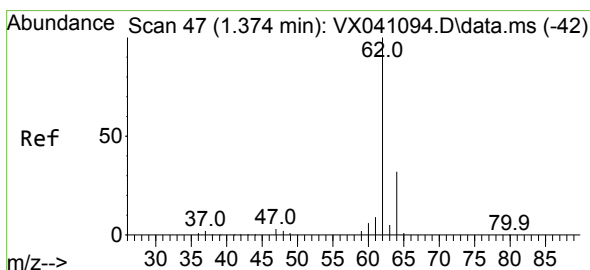
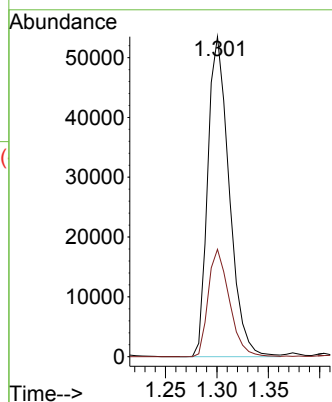
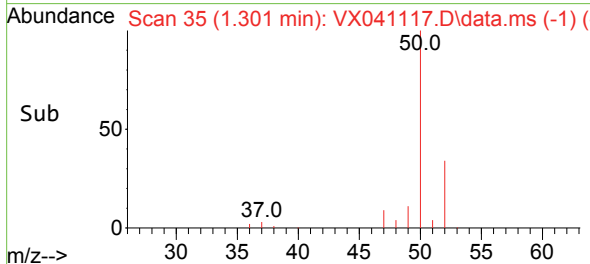


#3
Chloromethane
Concen: 46.932 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

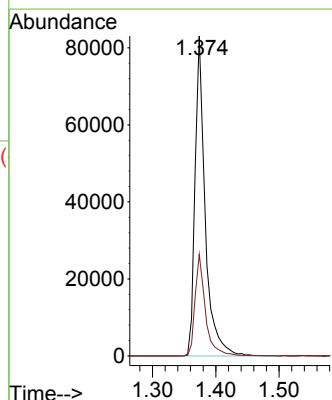
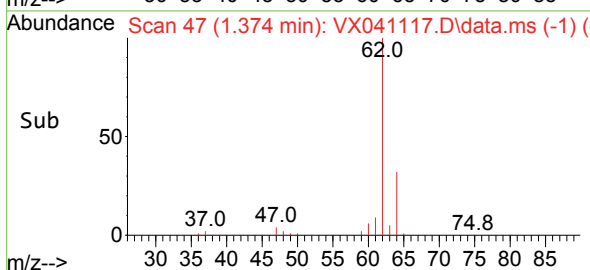
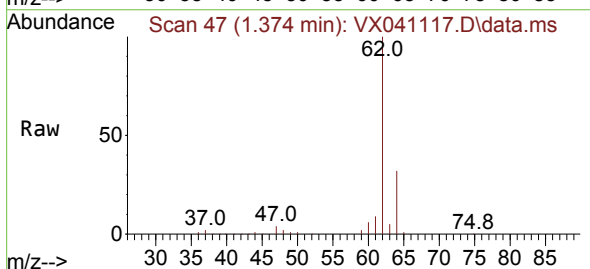


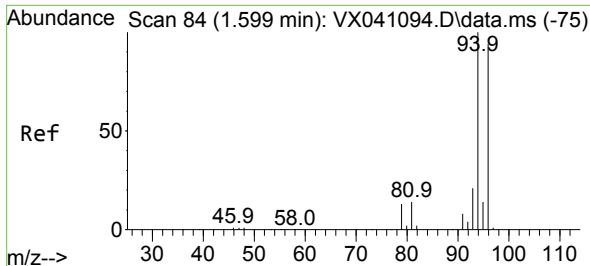
Tgt Ion: 50 Resp: 77584
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3



#4
Vinyl Chloride
Concen: 49.343 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 62 Resp: 93492
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

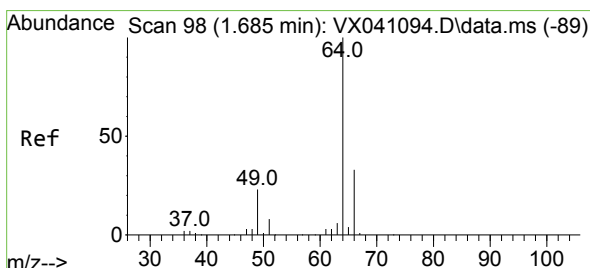
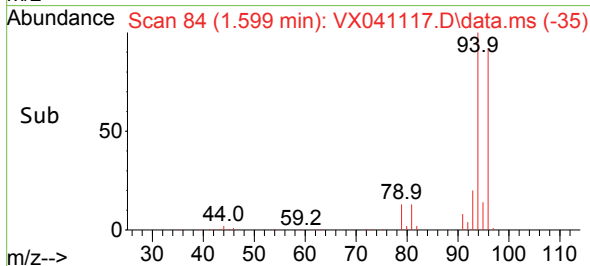
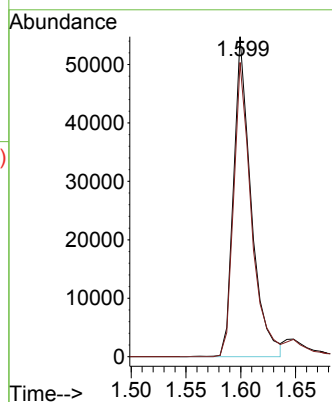
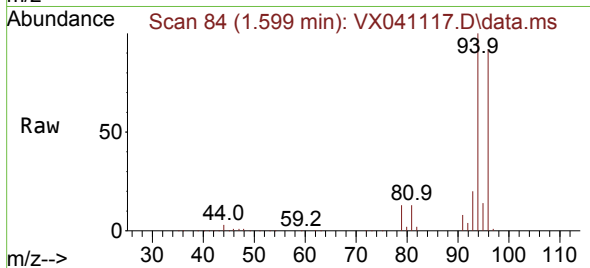




#5
Bromomethane
Concen: 51.279 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

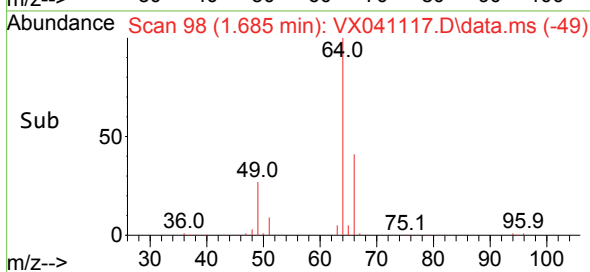
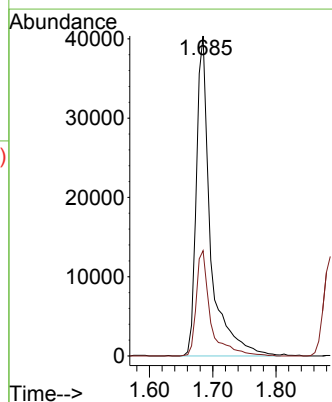
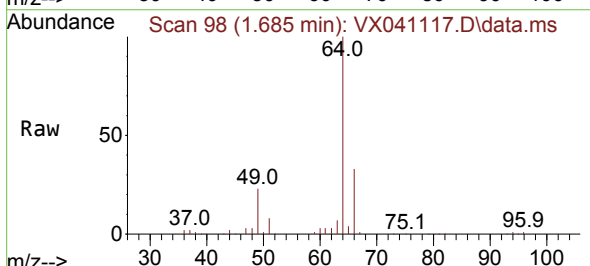
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

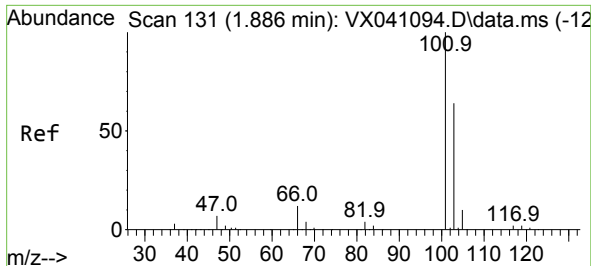
Tgt Ion: 94 Resp: 60913
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8



#6
Chloroethane
Concen: 50.546 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 64 Resp: 63214
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7

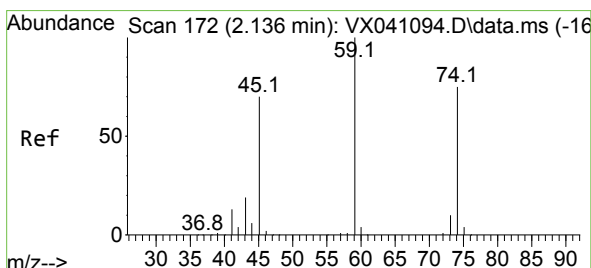
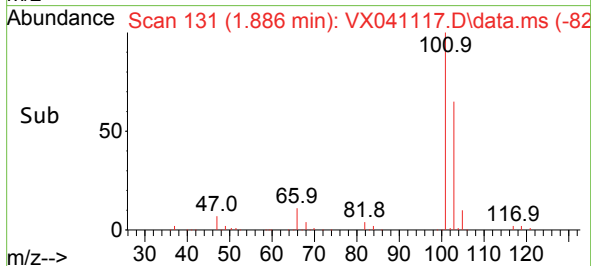
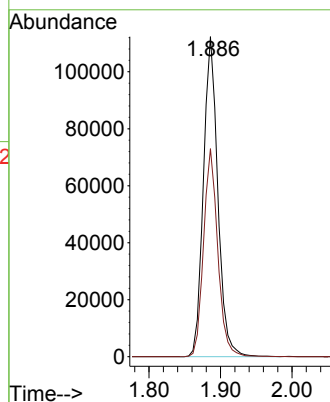
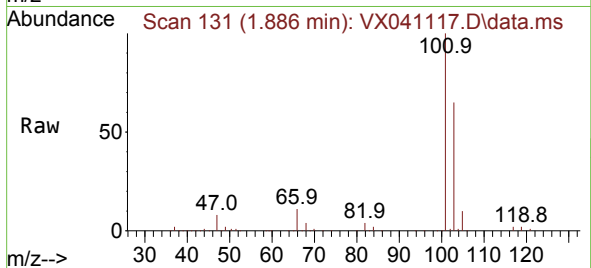




#7
Trichlorofluoromethane
Concen: 52.897 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

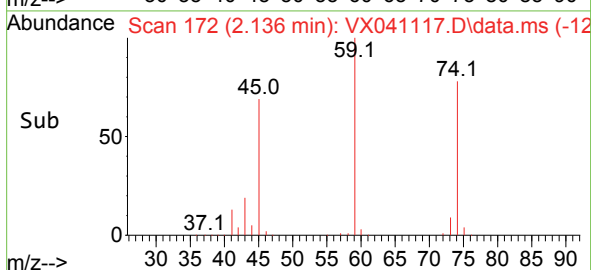
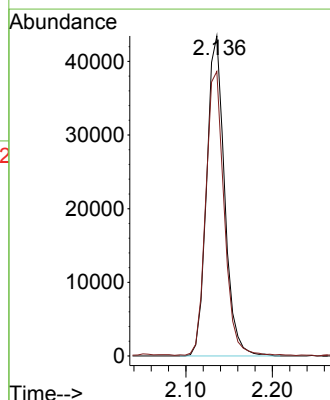
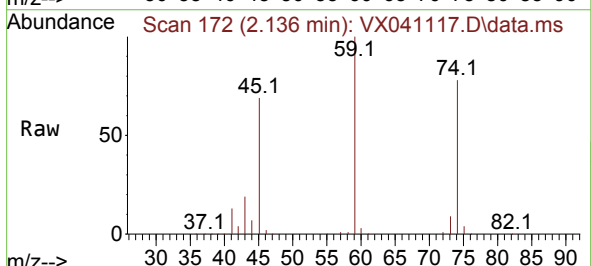
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

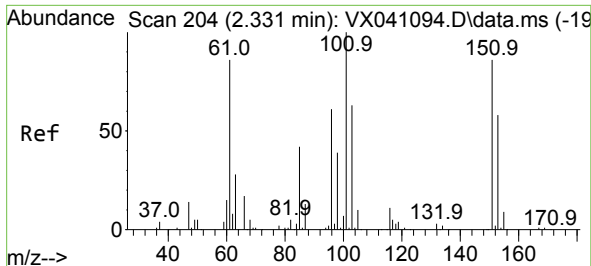
Tgt Ion:101 Resp: 157316
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2



#8
Diethyl Ether
Concen: 53.394 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 74 Resp: 62315
Ion Ratio Lower Upper
74 100
45 91.1 53.3 159.8

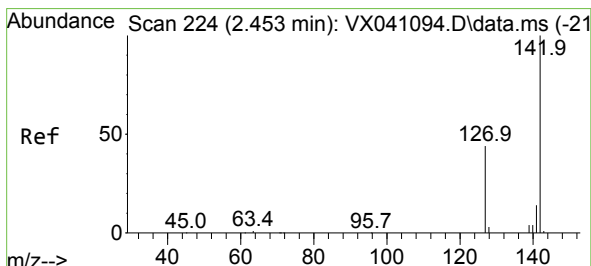
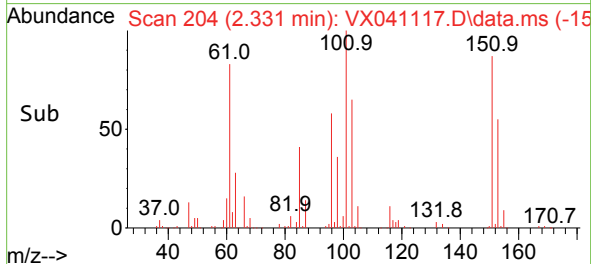
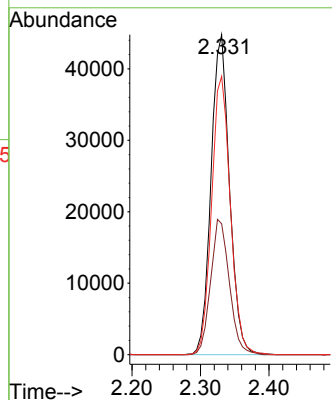
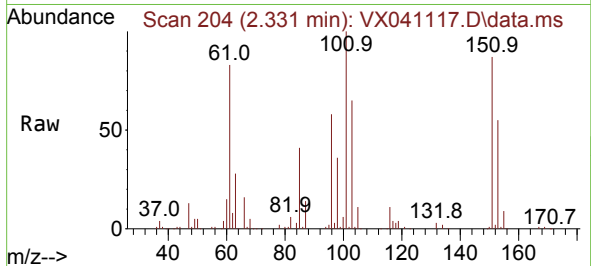




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.550 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

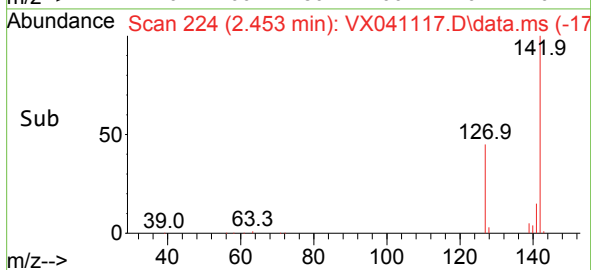
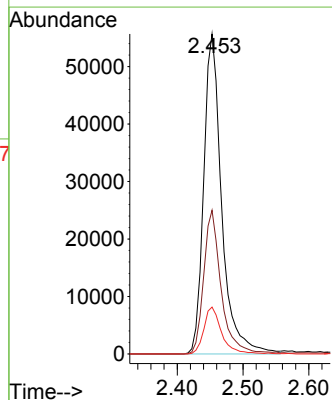
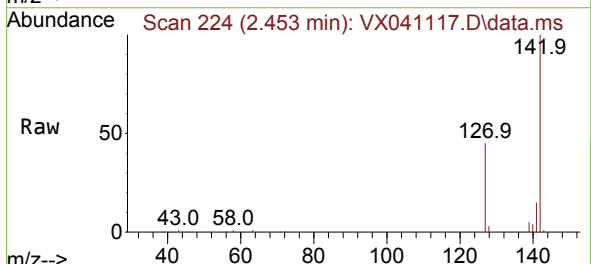
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

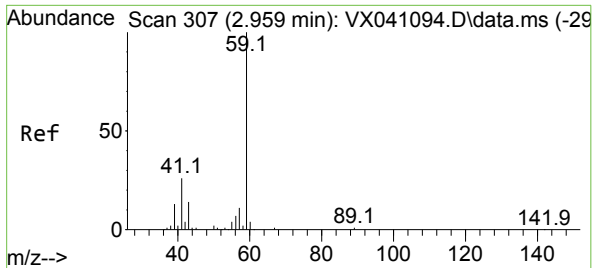
Tgt Ion:101 Resp: 83935
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 88.4 58.6 87.8#



#10
Methyl Iodide
Concen: 58.394 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:142 Resp: 106054
Ion Ratio Lower Upper
142 100
127 43.7 41.6 62.4
141 14.5 11.6 17.4

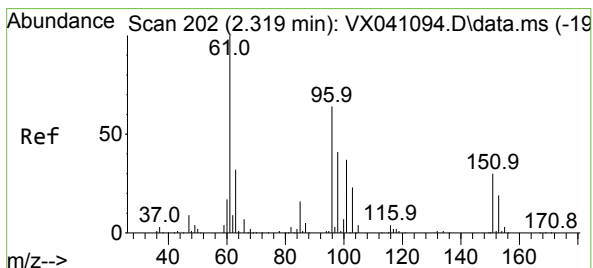
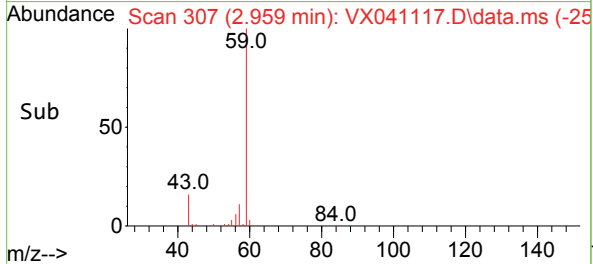
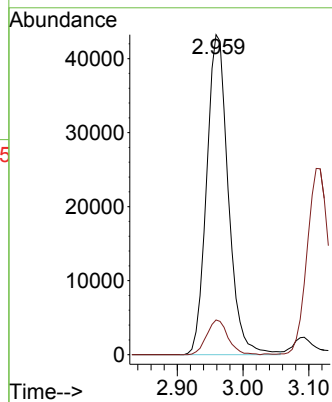
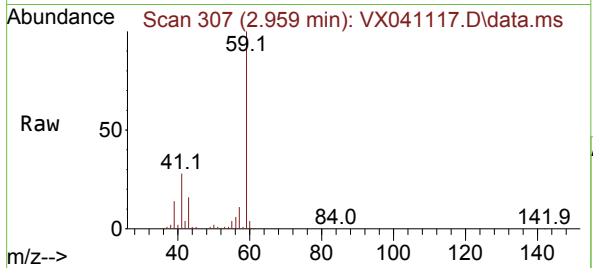




#11
Tert butyl alcohol
Concen: 250.112 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

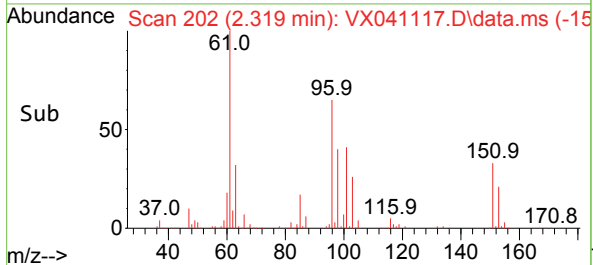
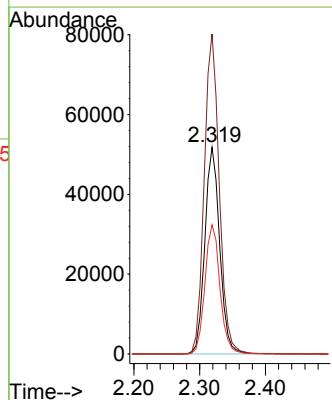
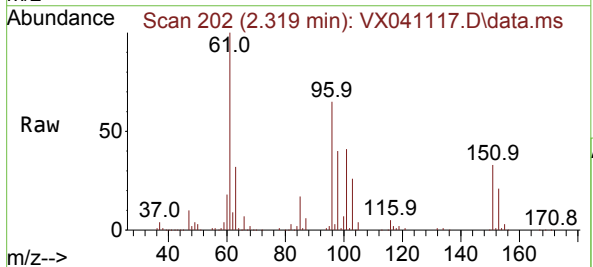
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

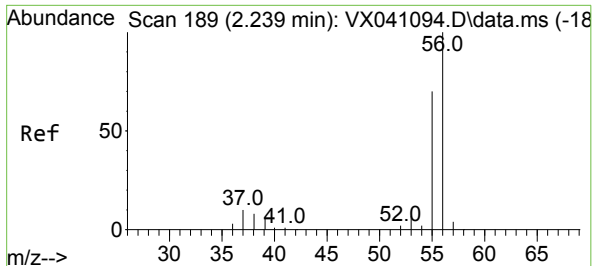
Tgt Ion: 59 Resp: 99068
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 49.222 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 96 Resp: 81469
Ion Ratio Lower Upper
96 100
61 154.9 144.6 216.8
98 62.5 50.4 75.6

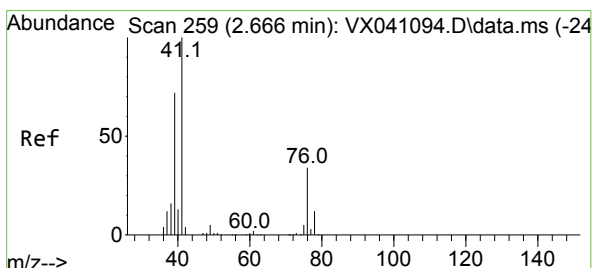
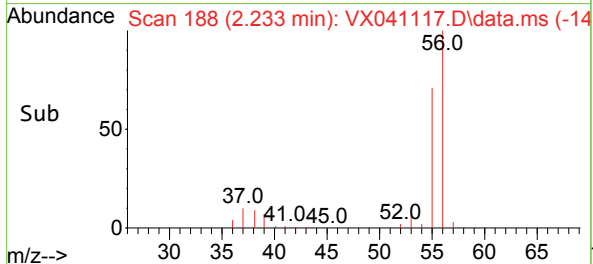
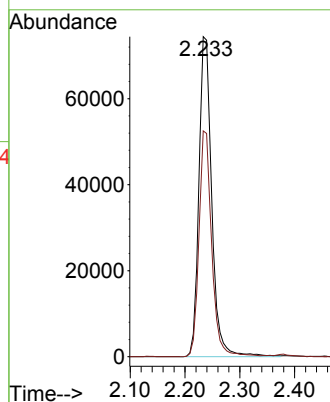
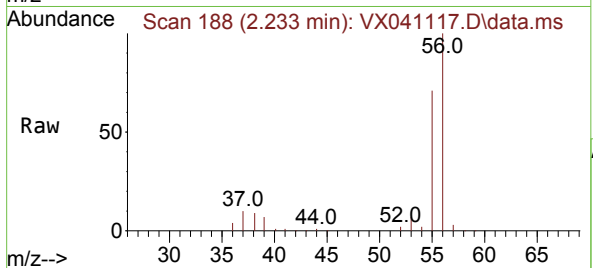




#13
Acrolein
Concen: 244.178 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

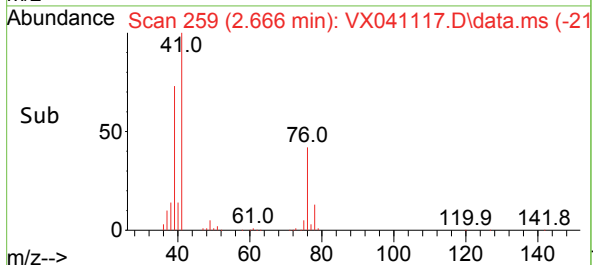
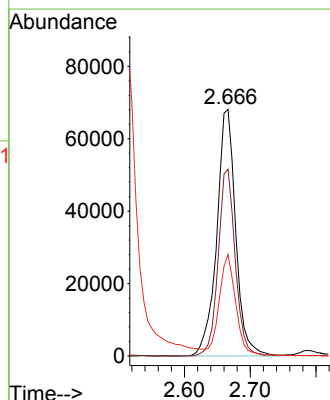
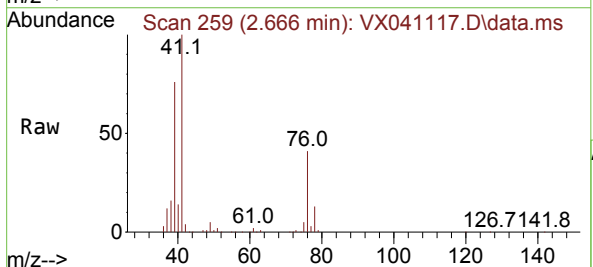
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

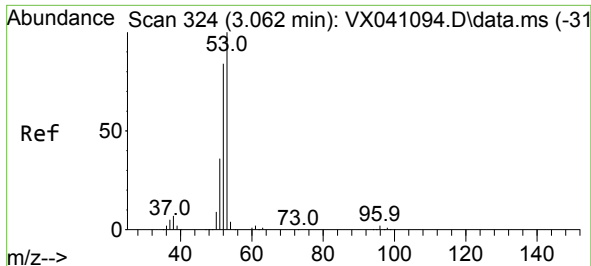
Tgt Ion: 56 Resp: 121635
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7



#14
Allyl chloride
Concen: 51.233 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 41 Resp: 137142
Ion Ratio Lower Upper
41 100
39 68.2 55.8 83.6
76 35.9 24.3 36.5

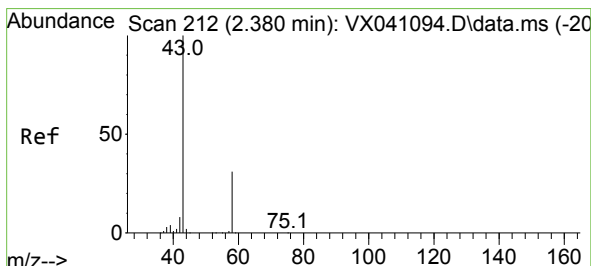
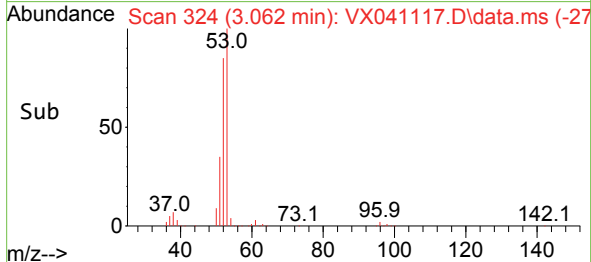
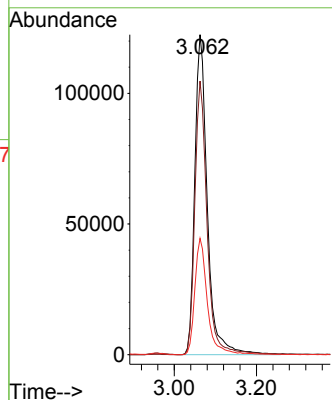
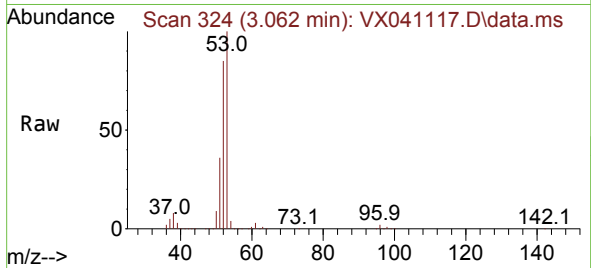




#15
Acrylonitrile
Concen: 264.316 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

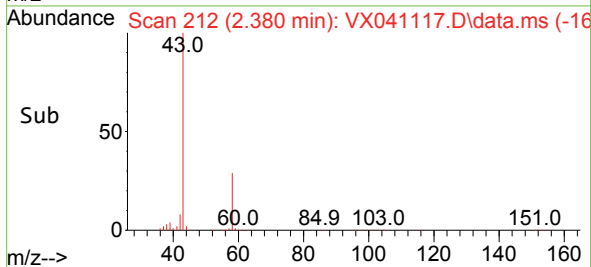
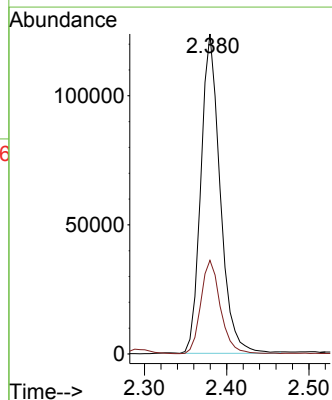
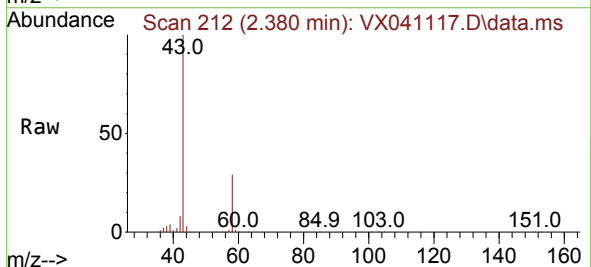
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

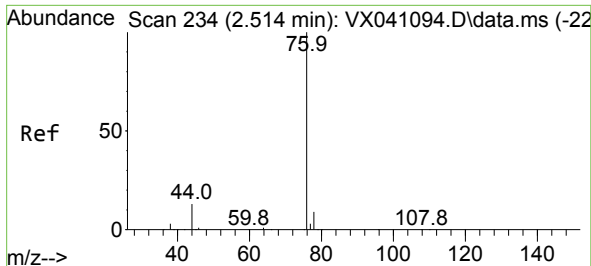
Tgt Ion: 53 Resp: 259218
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.8 29.8 44.6



#16
Acetone
Concen: 236.868 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 43 Resp: 201580
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#17

Carbon Disulfide

Concen: 45.681 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

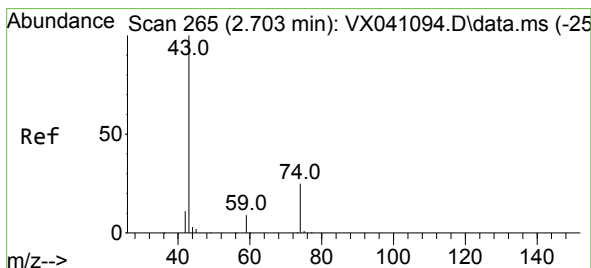
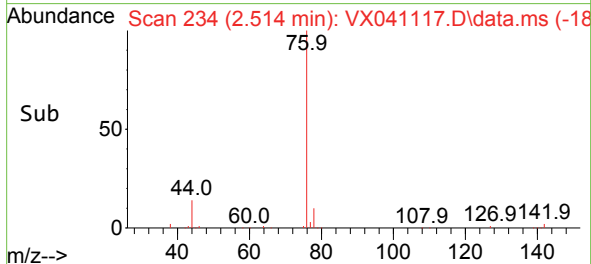
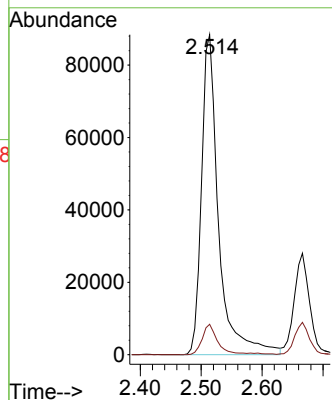
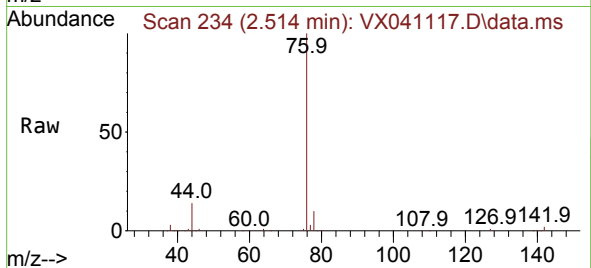
VSTDCCC050EC

Tgt Ion: 76 Resp: 172106

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 54.810 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX041117.D

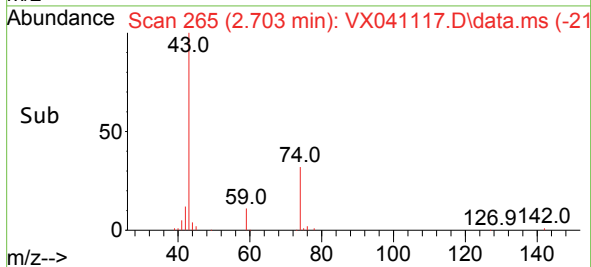
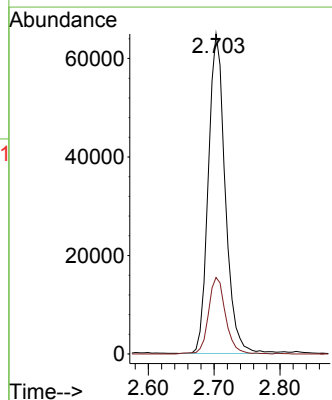
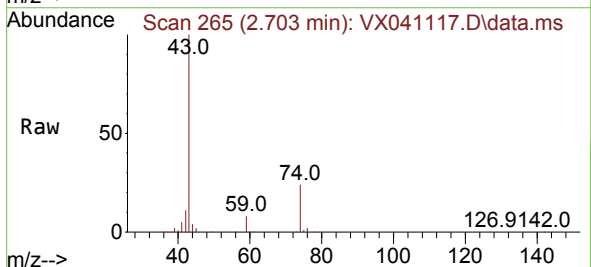
Acq: 16 Apr 2024 19:57

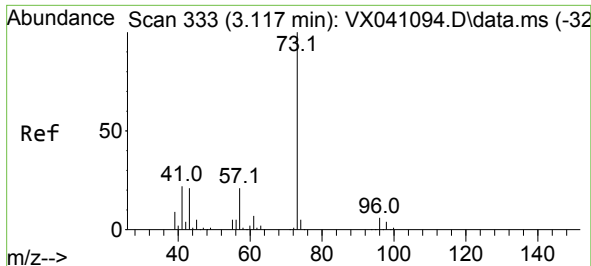
Tgt Ion: 43 Resp: 116449

Ion Ratio Lower Upper

43 100

74 24.2 17.8 26.8

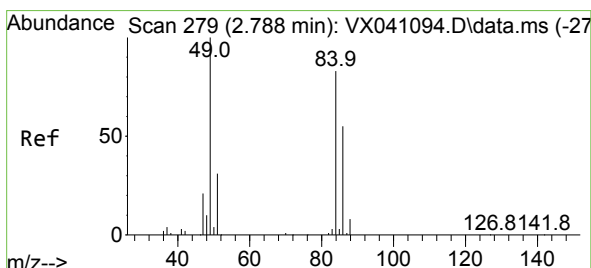
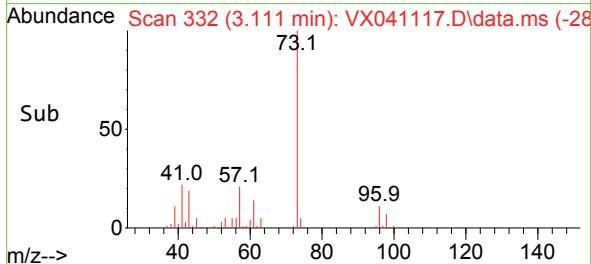
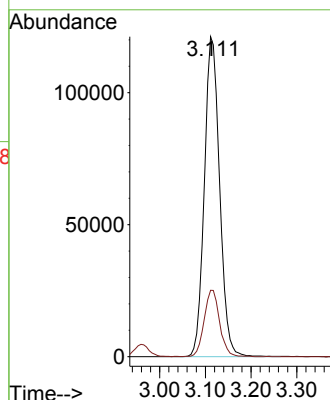
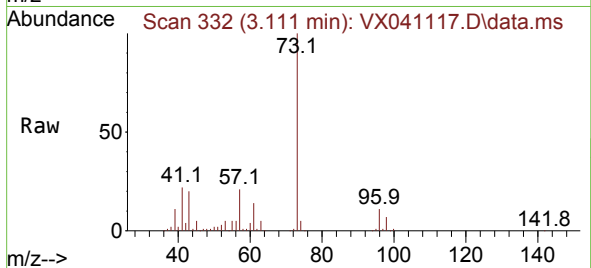




#19
Methyl tert-butyl Ether
Concen: 54.897 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

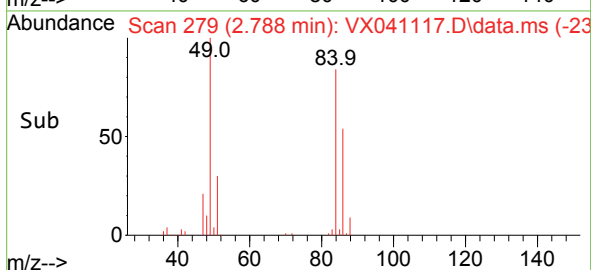
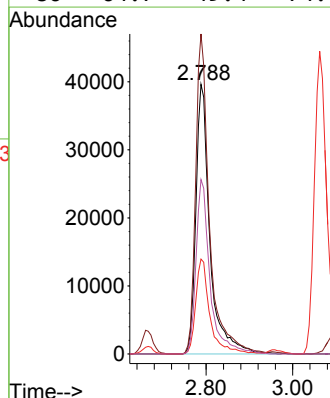
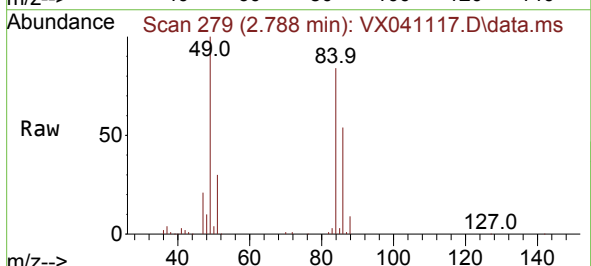
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

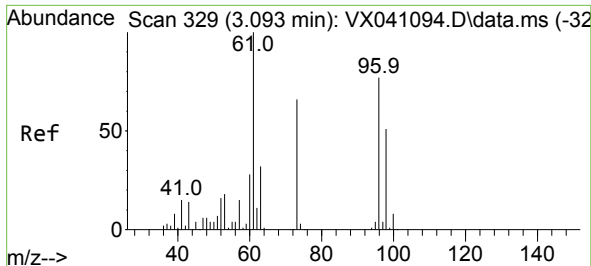
Tgt Ion: 73 Resp: 280844
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 49.148 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 84 Resp: 89249
Ion Ratio Lower Upper
84 100
49 118.7 103.6 155.4
51 35.2 33.8 50.6
86 64.7 49.4 74.0

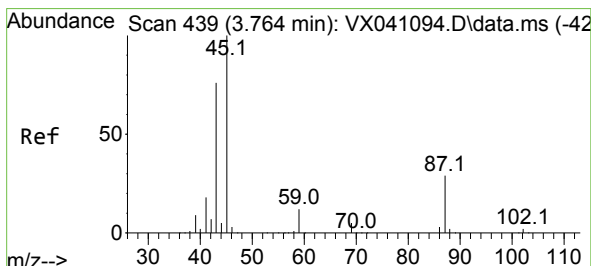
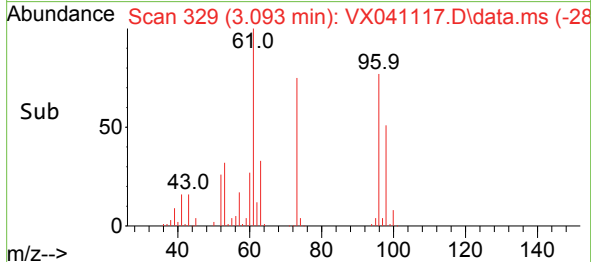
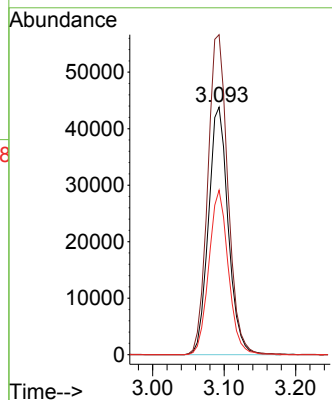
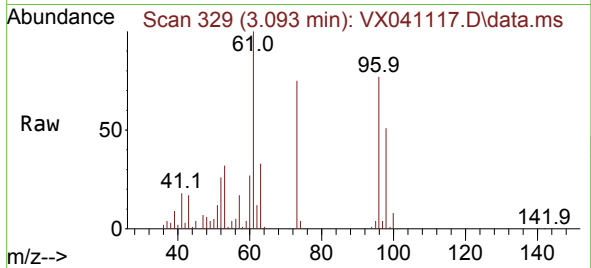




#21
trans-1,2-Dichloroethene
Concen: 49.489 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

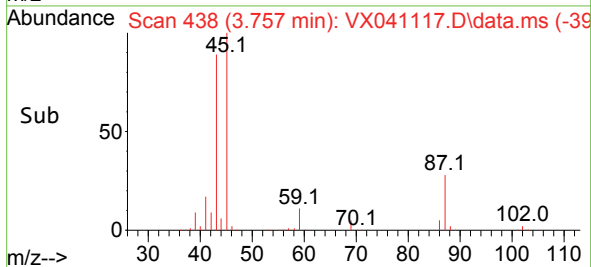
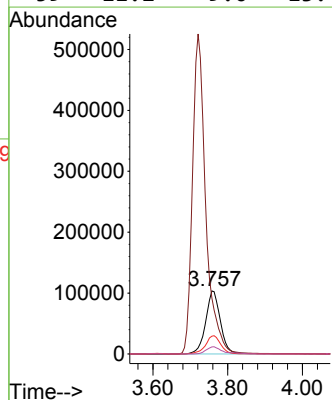
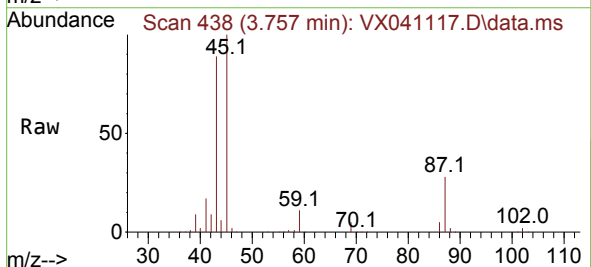
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

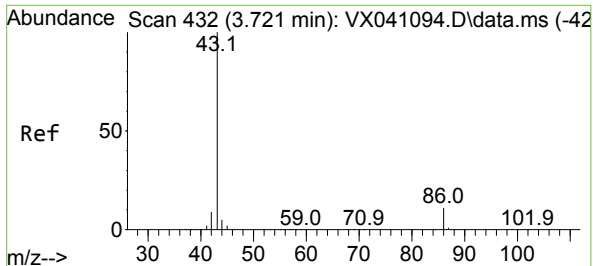
Tgt Ion: 96 Resp: 84022
Ion Ratio Lower Upper
96 100
61 129.3 119.2 178.8
98 66.4 48.7 73.1



#22
Diisopropyl ether
Concen: 55.174 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 45 Resp: 282844
Ion Ratio Lower Upper
45 100
43 88.5 69.7 104.5
87 28.2 20.8 31.2
59 11.2 9.0 13.4

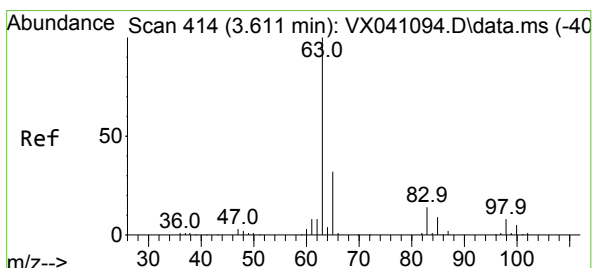
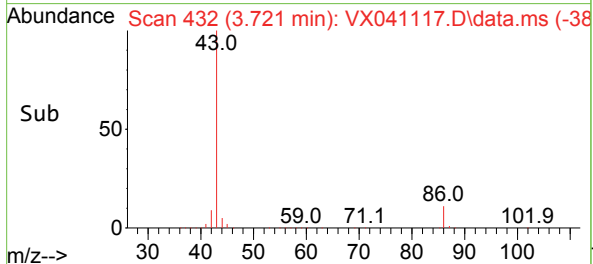
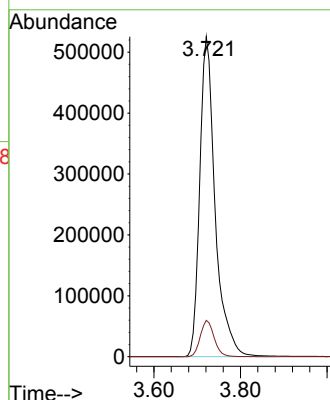
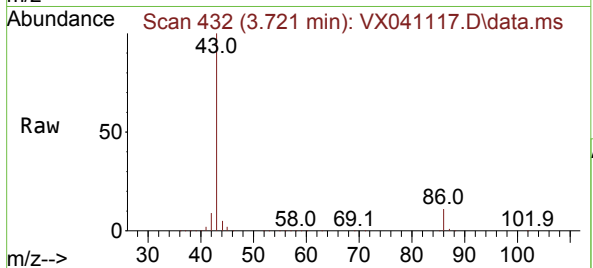




#23
 Vinyl Acetate
 Concen: 279.529 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

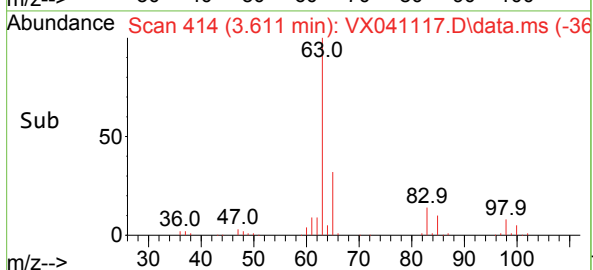
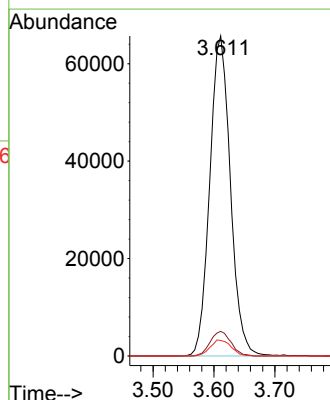
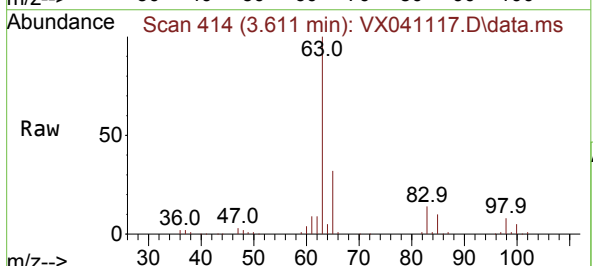
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

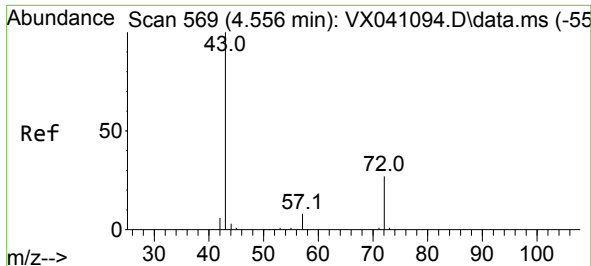
Tgt Ion: 43 Resp: 1298663
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.475 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

Tgt Ion: 63 Resp: 154500
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 266.040 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

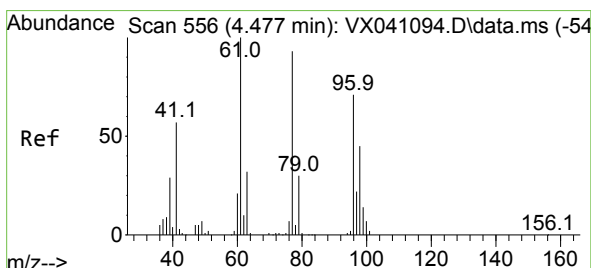
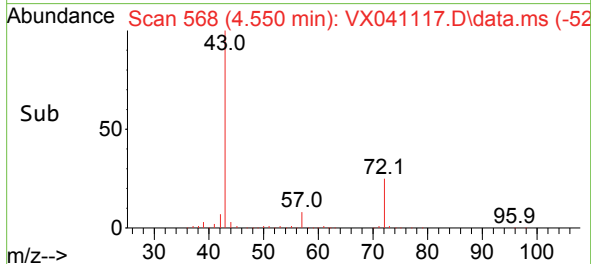
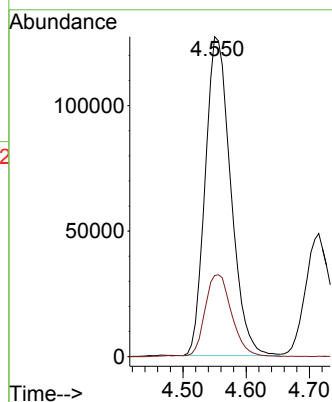
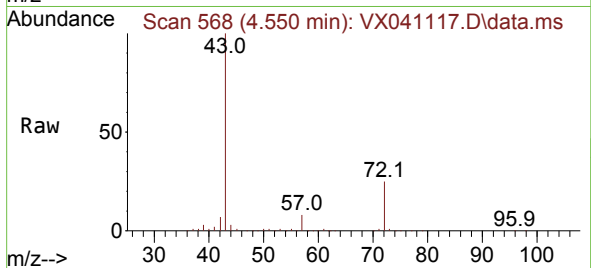
VSTDCCC050EC

Tgt Ion: 43 Resp: 355726

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 46.078 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX041117.D

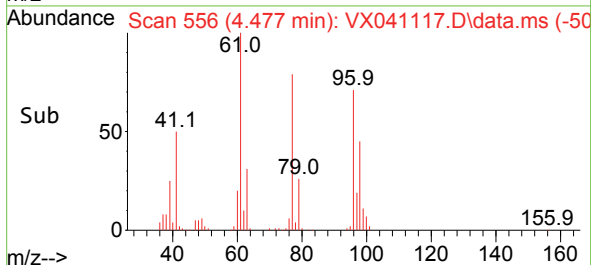
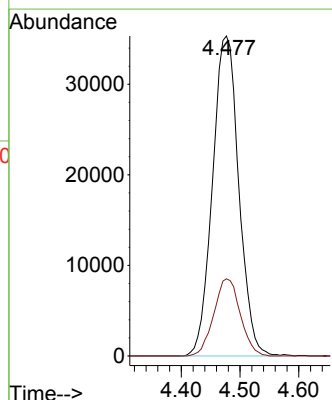
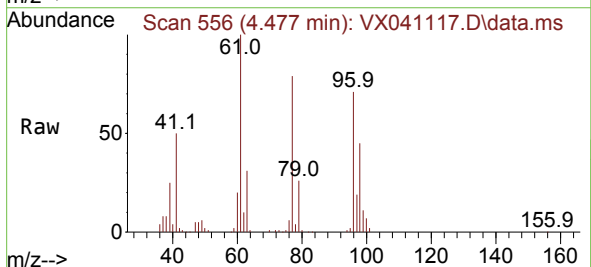
Acq: 16 Apr 2024 19:57

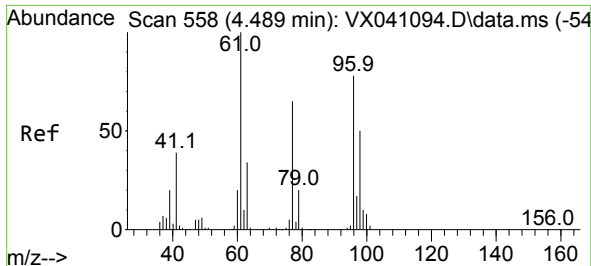
Tgt Ion: 77 Resp: 109776

Ion Ratio Lower Upper

77 100

97 24.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.456 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

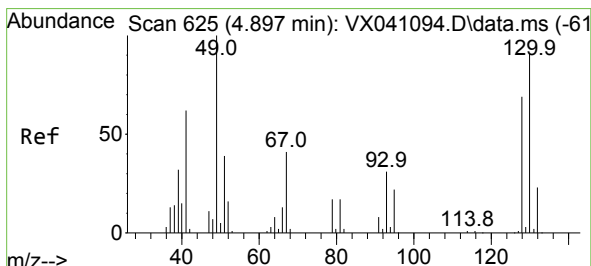
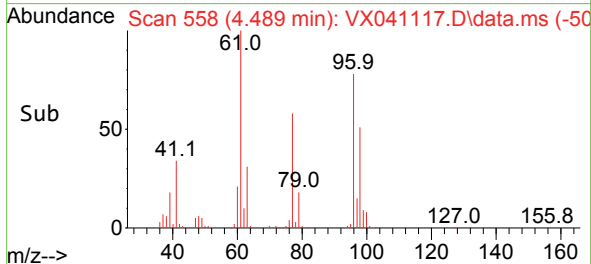
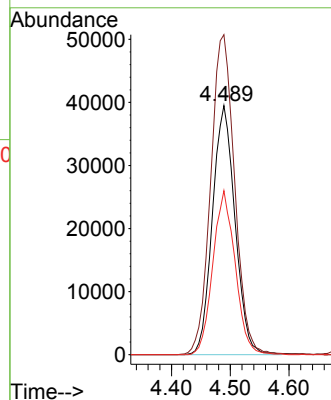
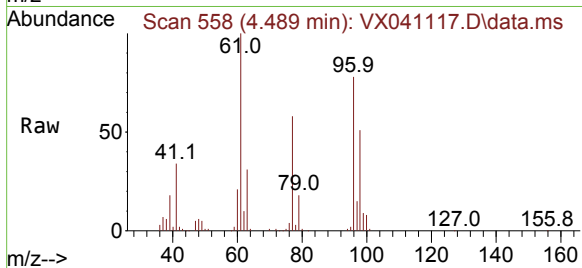
Tgt Ion: 96 Resp: 105542

Ion Ratio Lower Upper

96 100

61 136.3 0.0 312.2

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 50.468 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

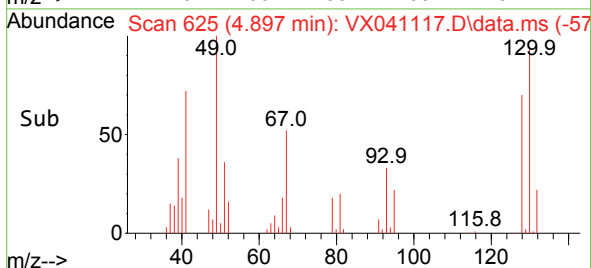
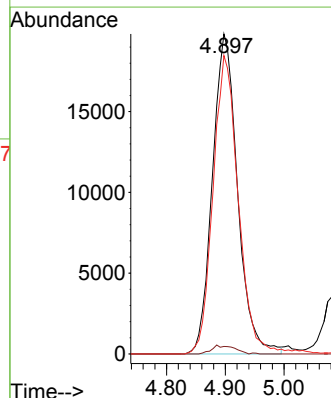
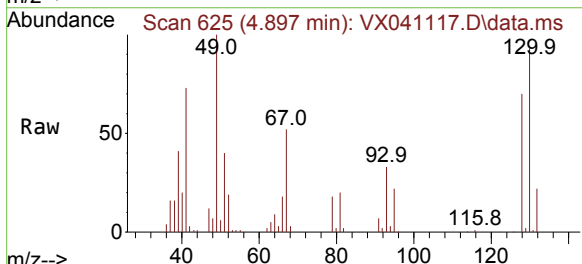
Tgt Ion: 49 Resp: 58798

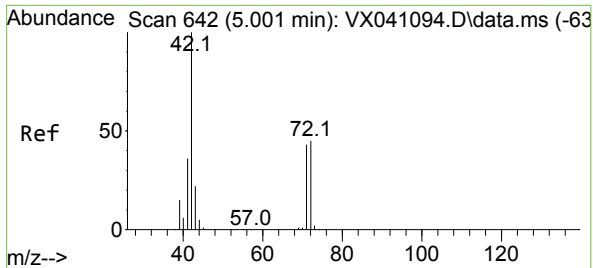
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 93.6 57.5 86.3#

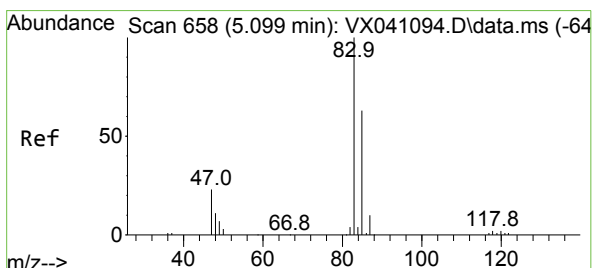
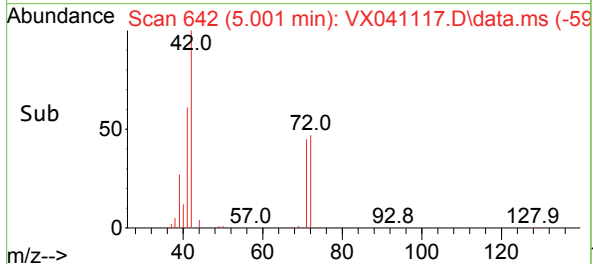
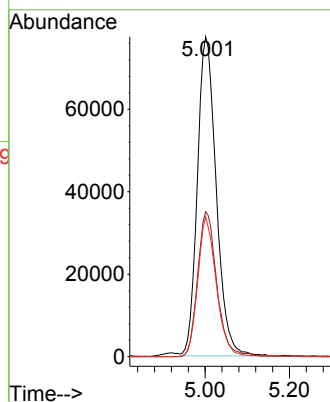
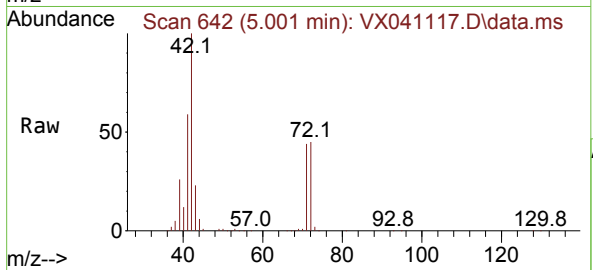




#29
Tetrahydrofuran
Concen: 272.345 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

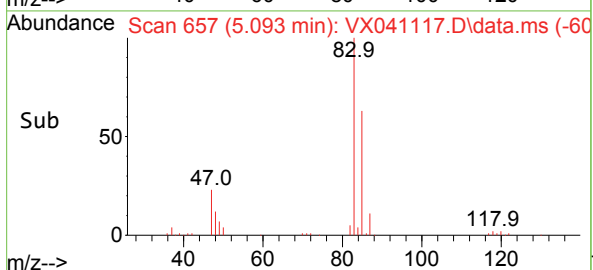
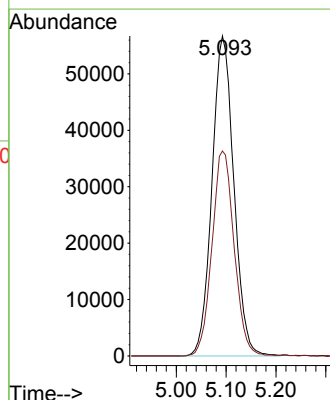
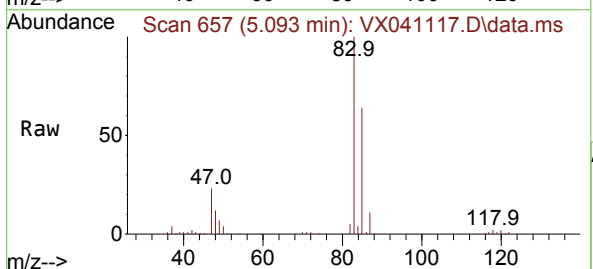
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

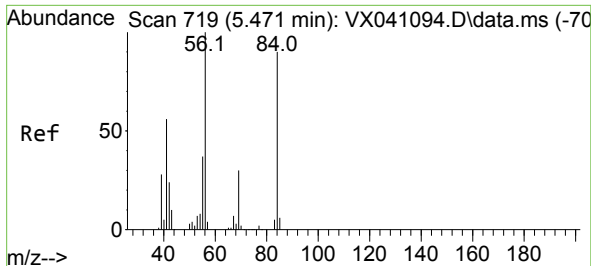
Tgt Ion: 42 Resp: 241080
Ion Ratio Lower Upper
42 100
72 46.4 34.2 51.4
71 42.9 32.2 48.2



#30
Chloroform
Concen: 52.914 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 83 Resp: 172577
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5

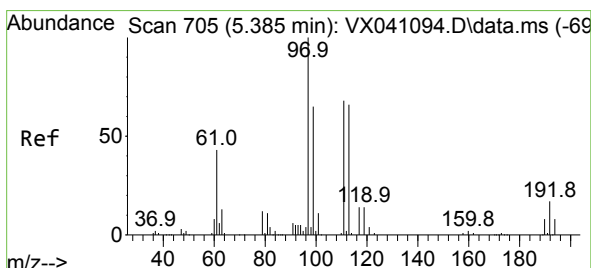
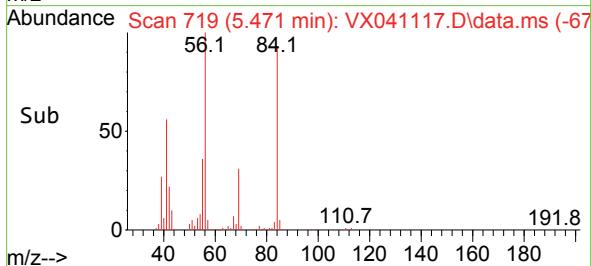
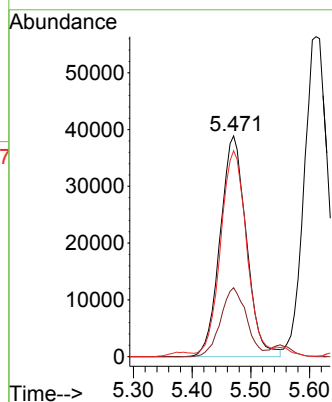
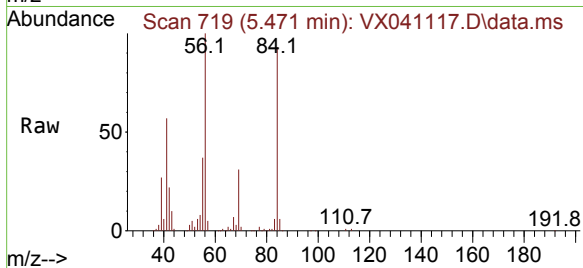




#31
Cyclohexane
Concen: 48.025 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

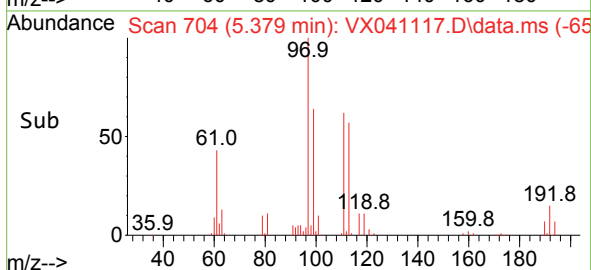
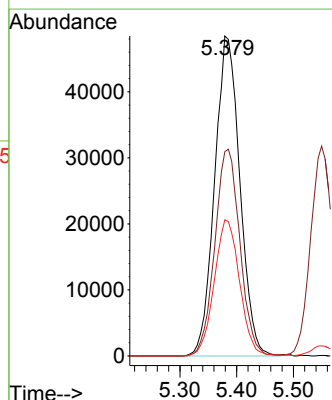
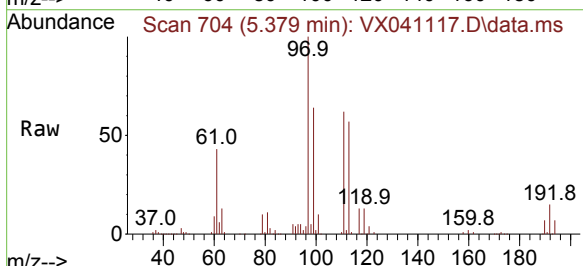
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

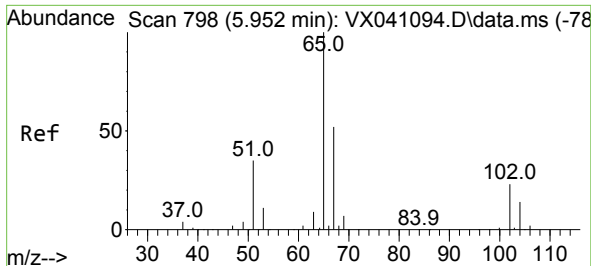
Tgt Ion: 56 Resp: 120451
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 91.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 52.272 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 97 Resp: 149615
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 42.9 36.4 54.6

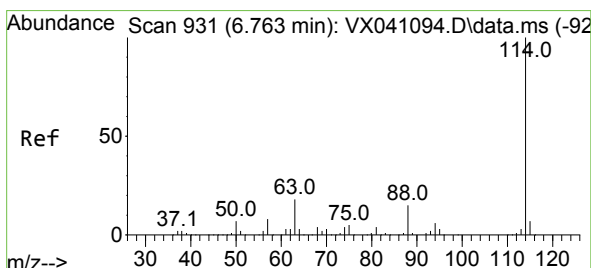
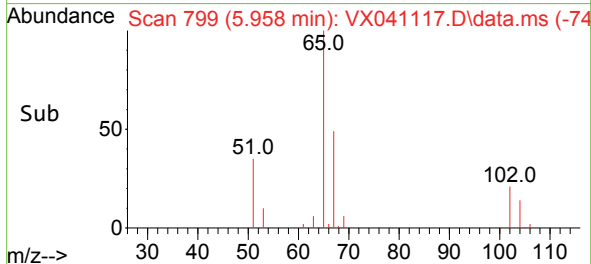
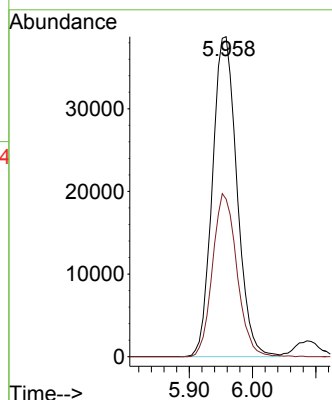
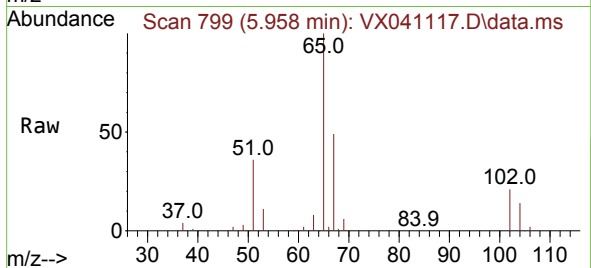




#33
 1,2-Dichloroethane-d4
 Concen: 51.586 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

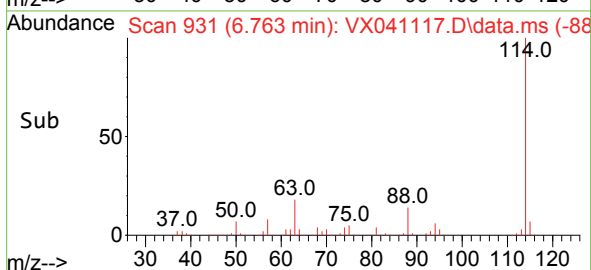
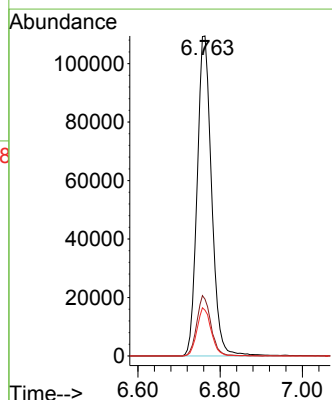
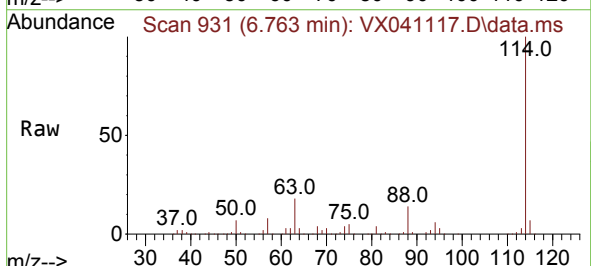
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

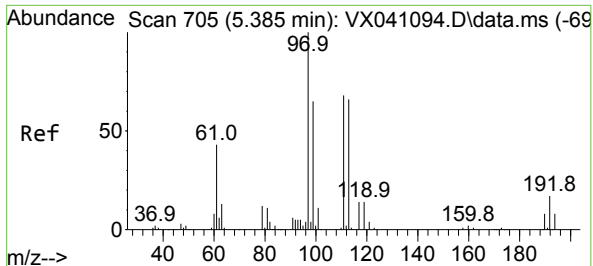
Tgt Ion: 65 Resp: 104445
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

Tgt Ion: 114 Resp: 266420
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 45.0
 88 14.3 0.0 36.6

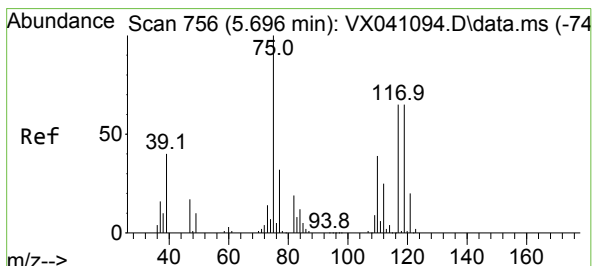
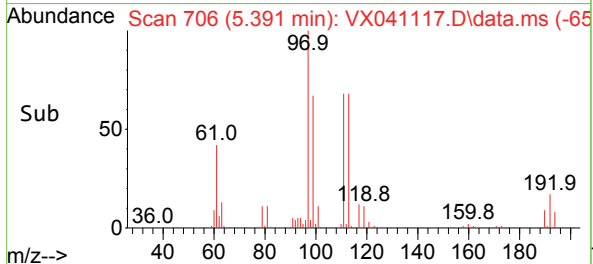
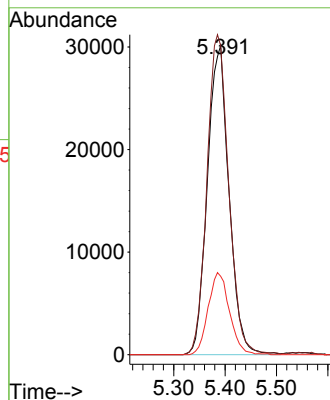
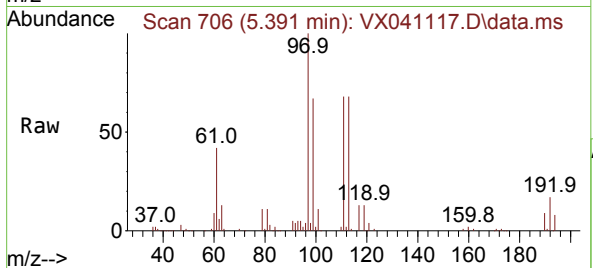




#35
Dibromofluoromethane
Concen: 49.397 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

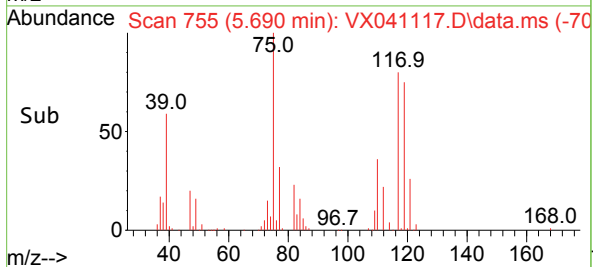
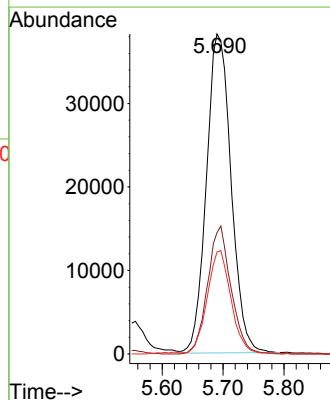
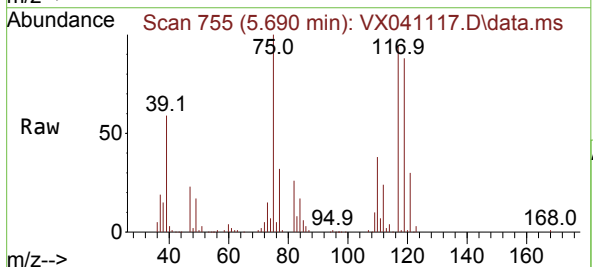
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

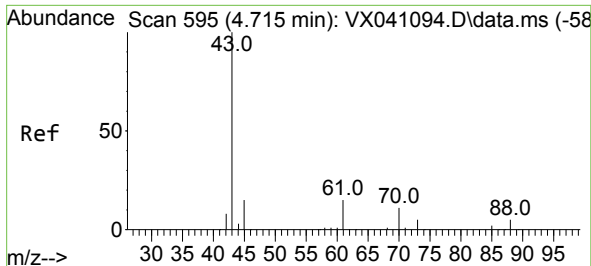
Tgt Ion:113 Resp: 87914
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 26.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 47.816 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 75 Resp: 107739
Ion Ratio Lower Upper
75 100
110 38.1 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 52.761 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

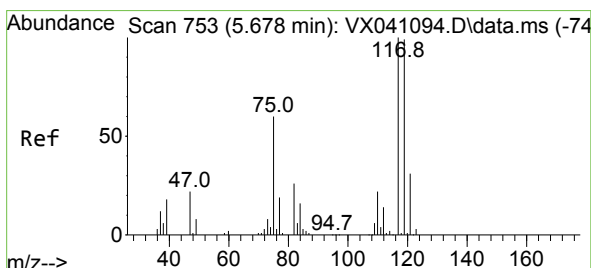
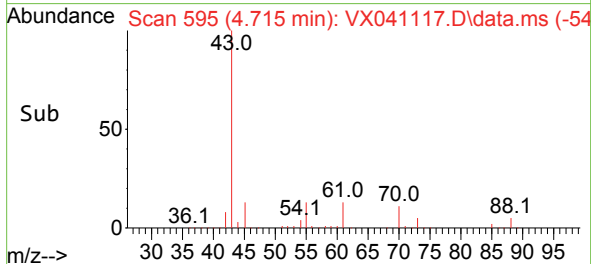
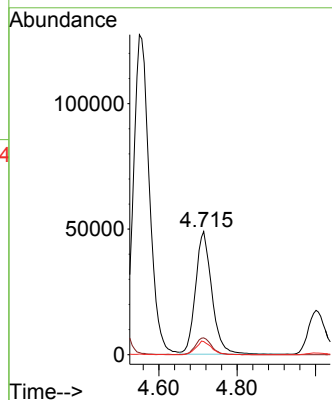
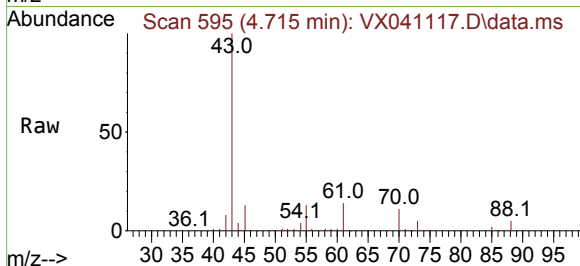
Tgt Ion: 43 Resp: 141969

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.915 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

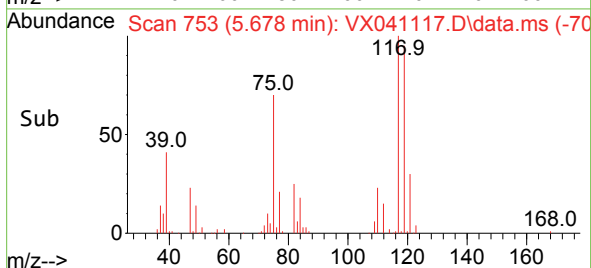
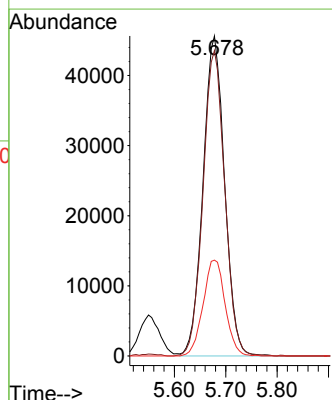
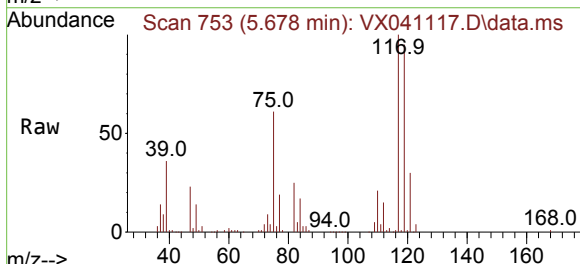
Tgt Ion: 117 Resp: 133023

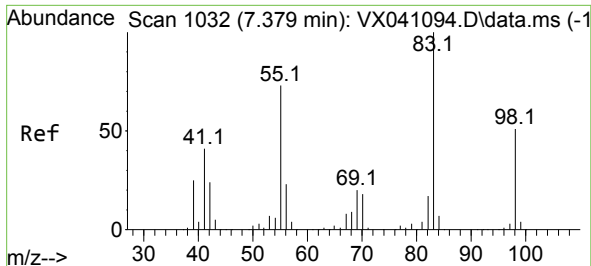
Ion Ratio Lower Upper

117 100

119 95.2 78.2 117.2

121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 47.315 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

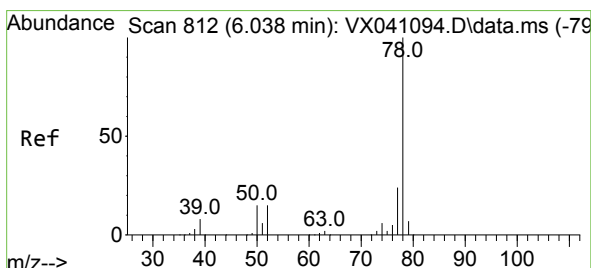
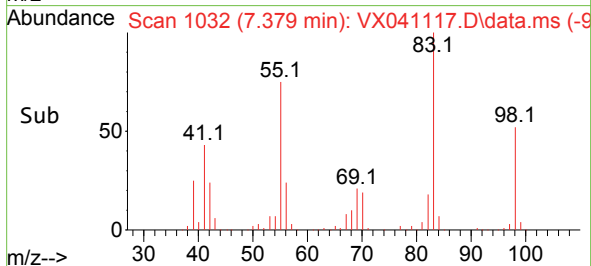
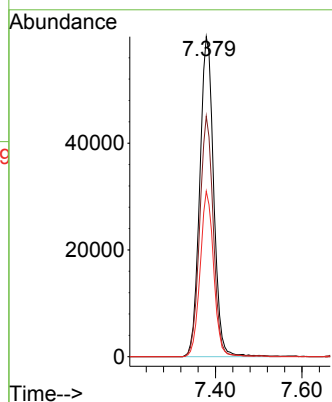
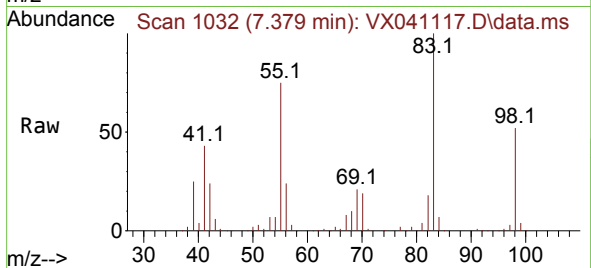
Tgt Ion: 83 Resp: 133771

Ion Ratio Lower Upper

83 100

55 75.2 64.6 97.0

98 51.7 36.7 55.1



#40

Benzene

Concen: 50.065 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041117.D

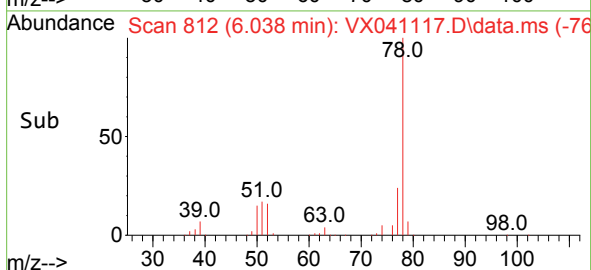
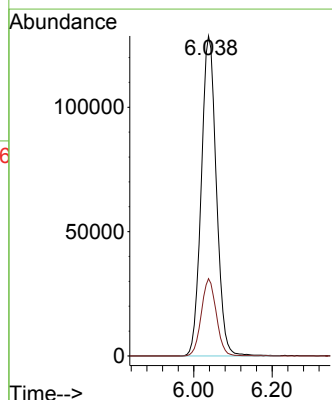
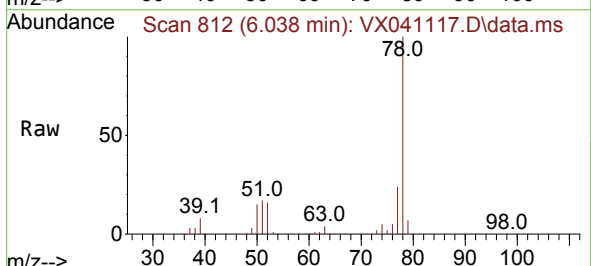
Acq: 16 Apr 2024 19:57

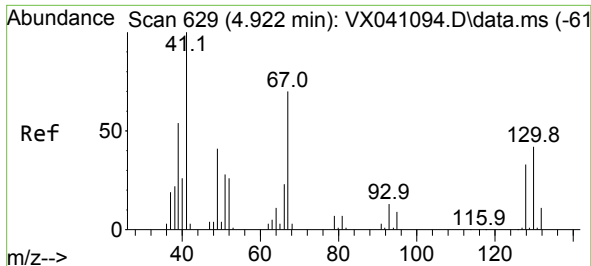
Tgt Ion: 78 Resp: 344352

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

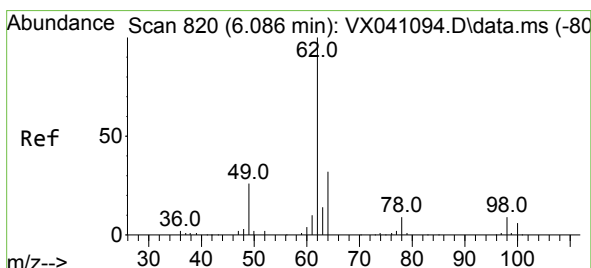
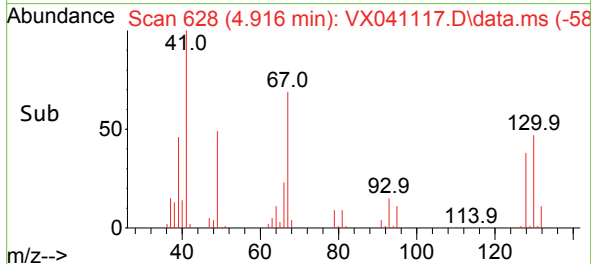
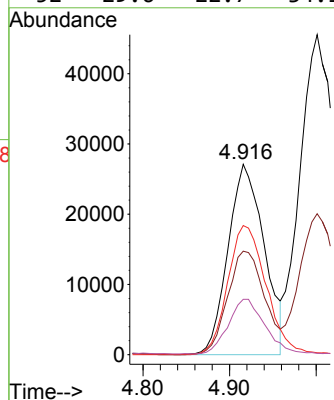
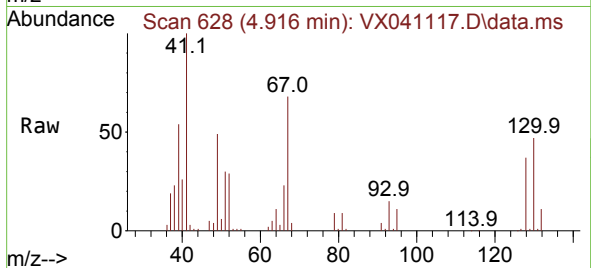




#41
Methacrylonitrile
Concen: 55.841 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

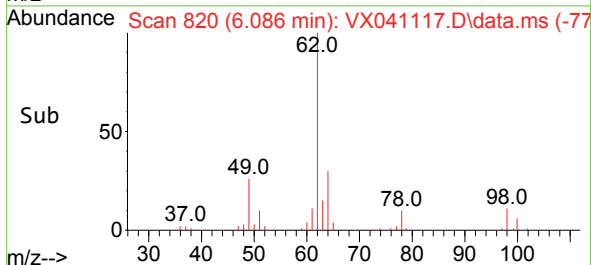
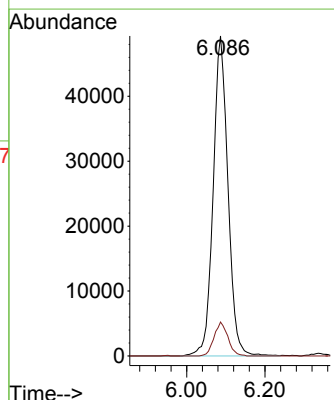
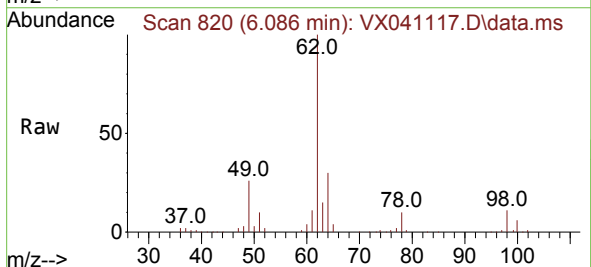
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

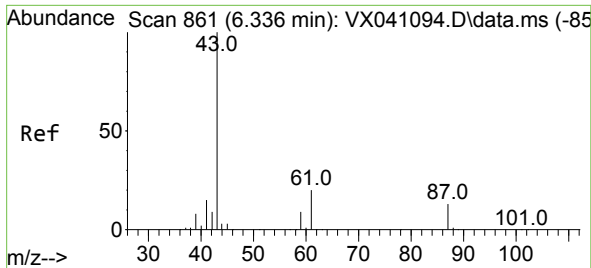
Tgt Ion:	41	Resp:	78745
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.2	67.8
67	72.5	52.6	78.8
52	29.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 52.440 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:	62	Resp:	129245
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 53.462 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

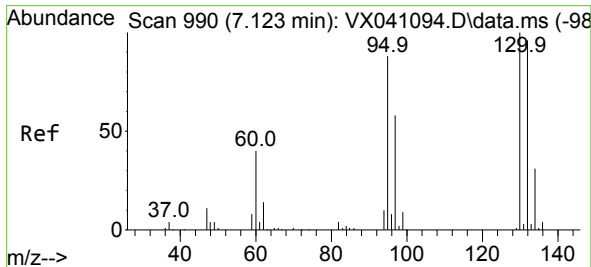
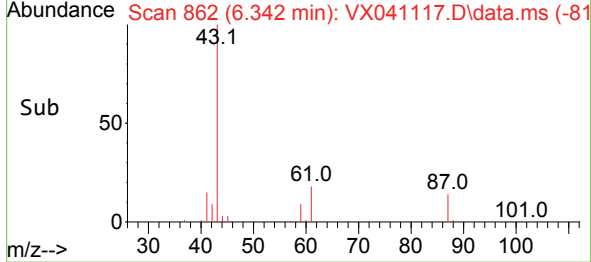
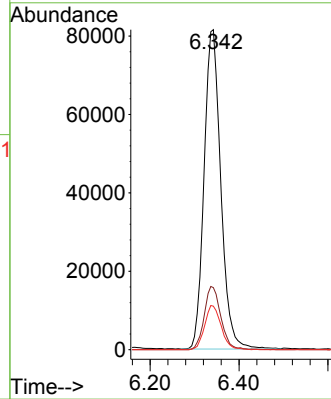
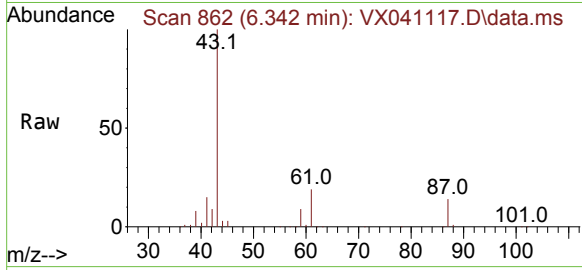
Tgt Ion: 43 Resp: 213621

Ion Ratio Lower Upper

43 100

61 19.8 15.2 22.8

87 13.6 9.8 14.6



#44

Trichloroethene

Concen: 47.853 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041117.D

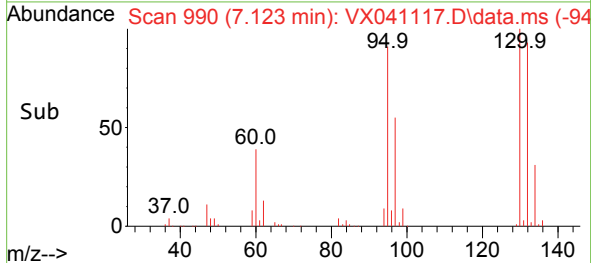
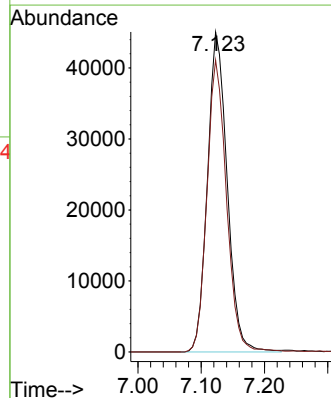
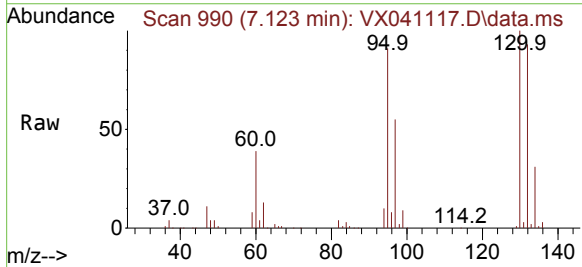
Acq: 16 Apr 2024 19:57

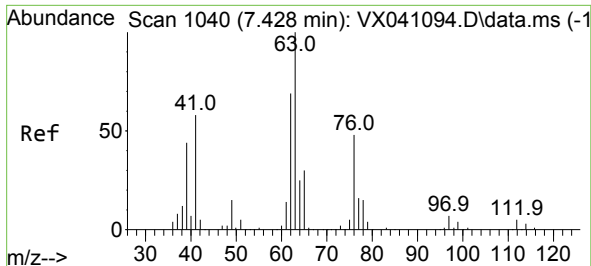
Tgt Ion:130 Resp: 97757

Ion Ratio Lower Upper

130 100

95 91.2 0.0 204.4

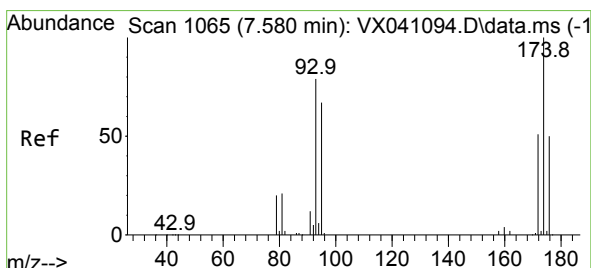
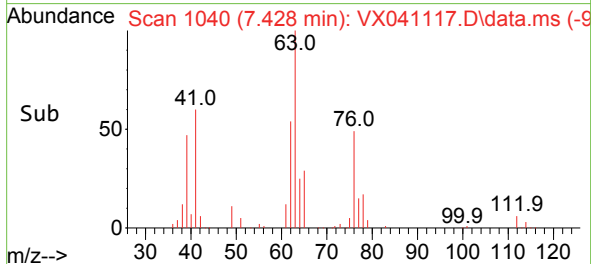
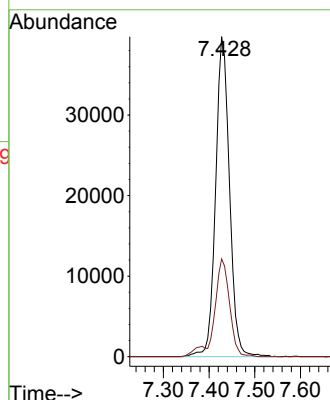
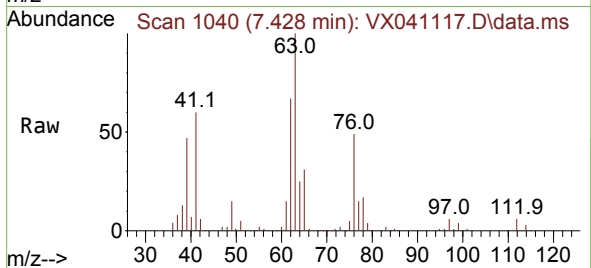




#45
1,2-Dichloropropane
Concen: 51.425 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

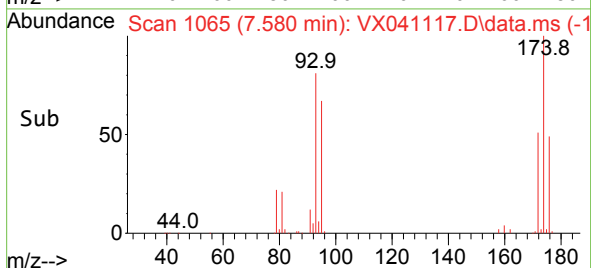
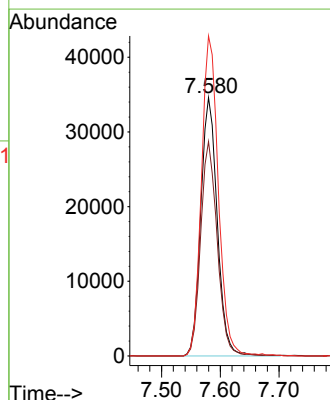
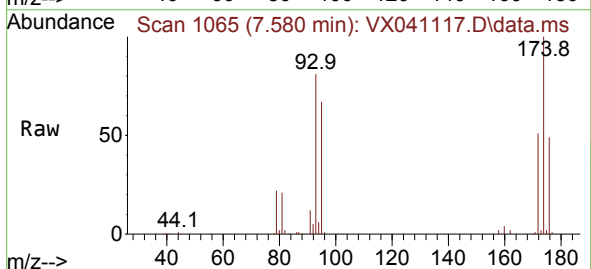
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

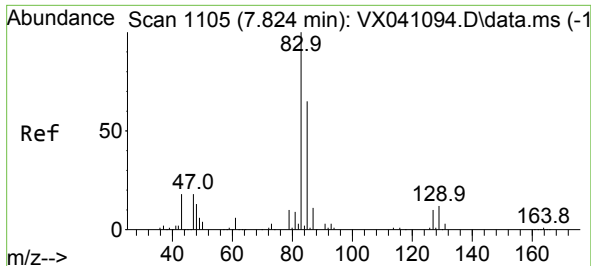
Tgt Ion: 63 Resp: 83987
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5



#46
Dibromomethane
Concen: 52.540 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 93 Resp: 67468
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 127.2 69.4 104.0#

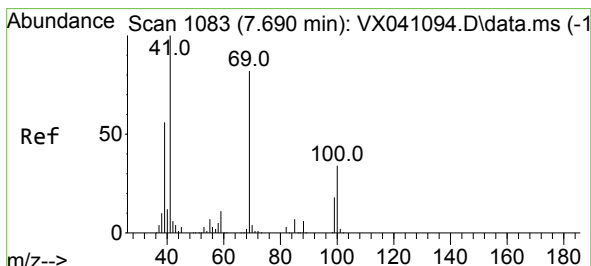
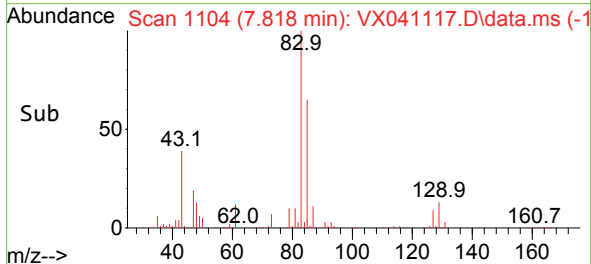
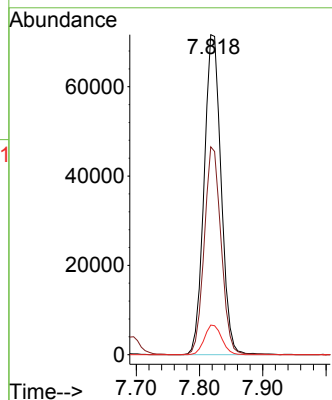
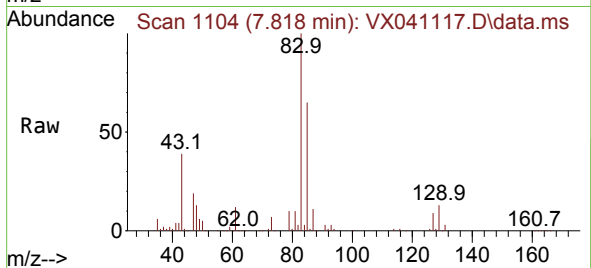




#47
Bromodichloromethane
Concen: 53.601 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

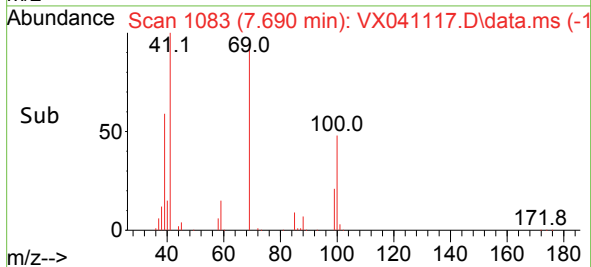
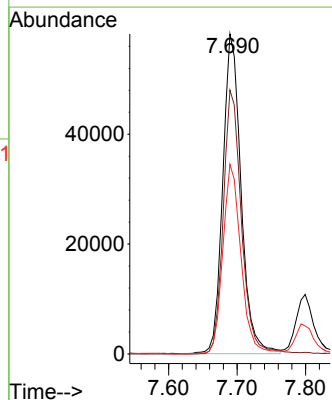
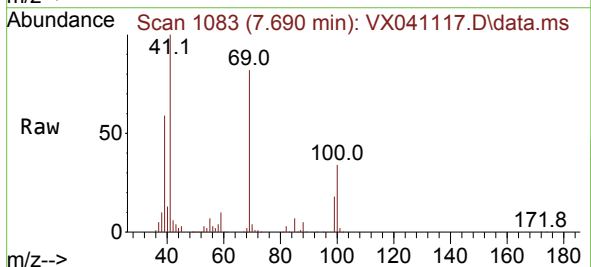
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

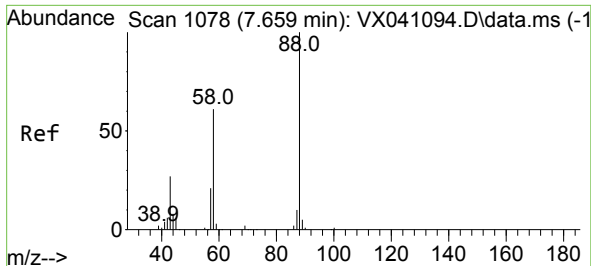
Tgt Ion: 83 Resp: 133977
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 55.038 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 41 Resp: 107344
Ion Ratio Lower Upper
41 100
69 82.4 59.2 88.8
39 59.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1091.772 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

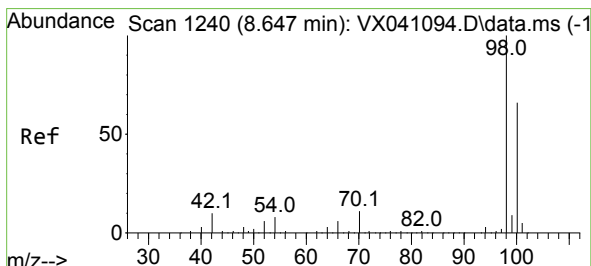
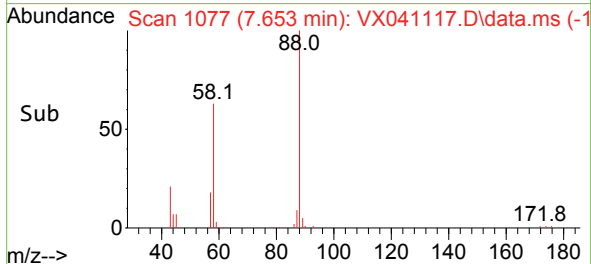
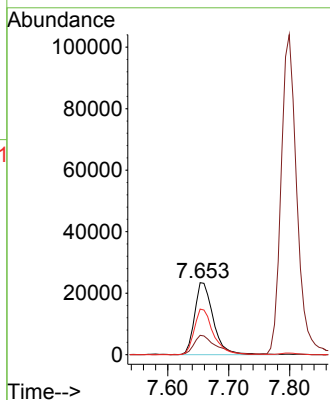
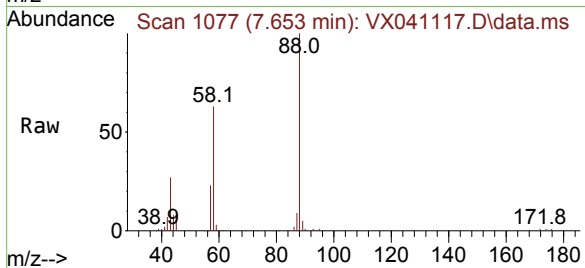
Tgt Ion: 88 Resp: 49758

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 64.9 60.1 90.1



#50

Toluene-d8

Concen: 49.047 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041117.D

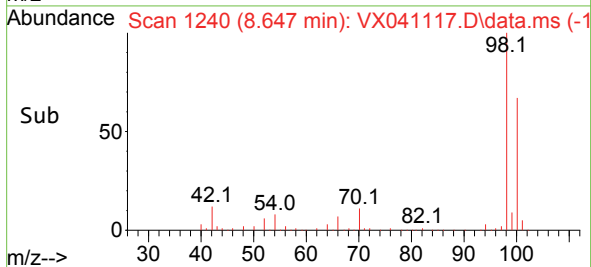
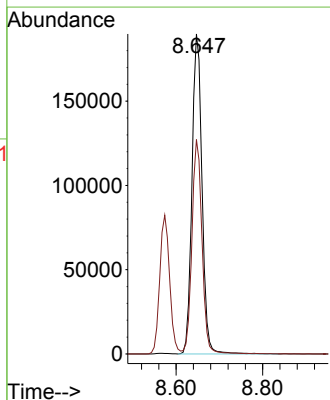
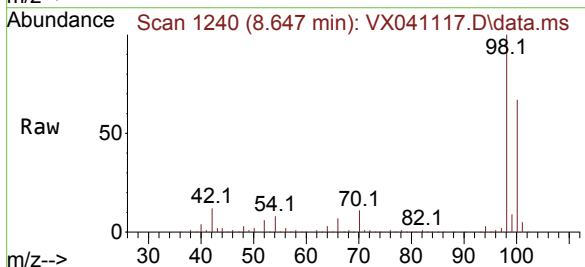
Acq: 16 Apr 2024 19:57

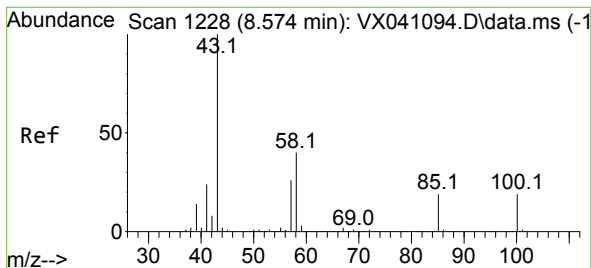
Tgt Ion: 98 Resp: 305757

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7

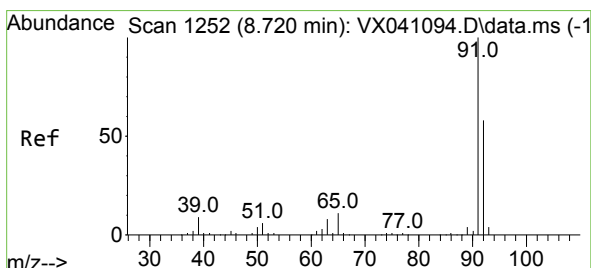
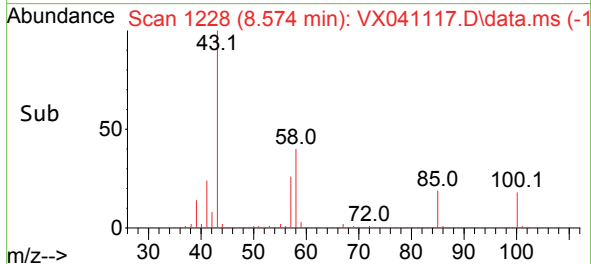
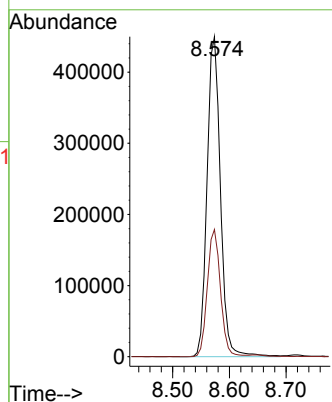
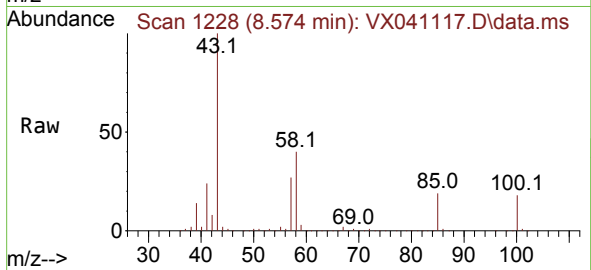




#51
4-Methyl-2-Pentanone
Concen: 271.505 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

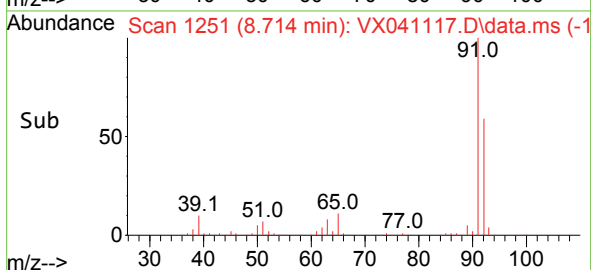
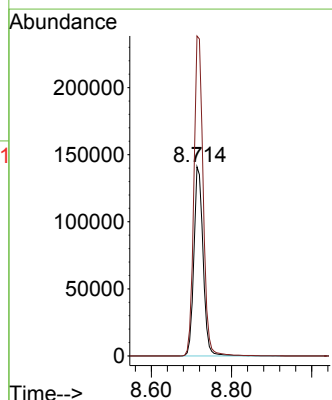
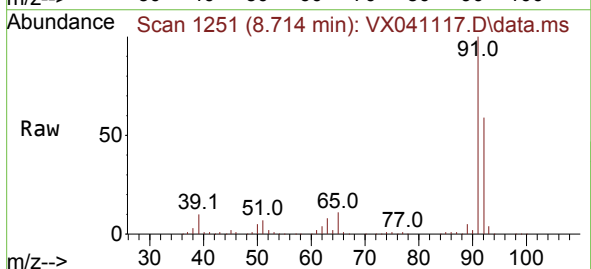
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

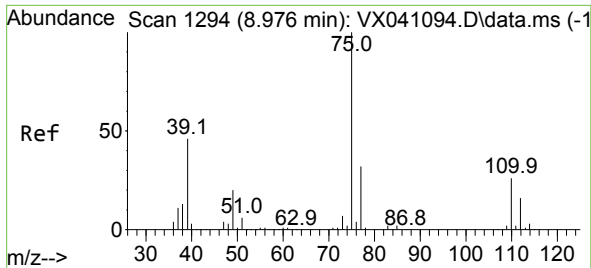
Tgt Ion: 43 Resp: 736980
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 49.858 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 92 Resp: 223856
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2

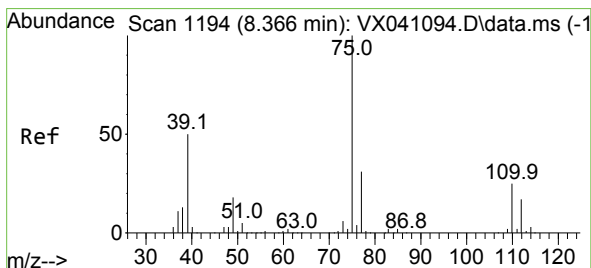
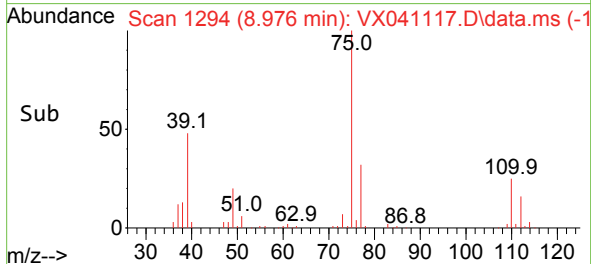
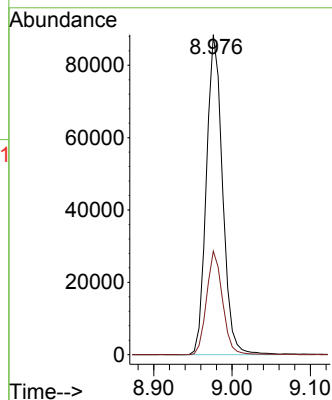
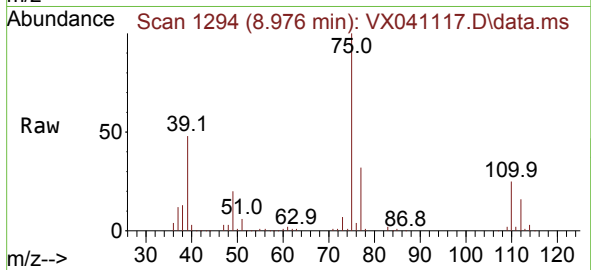




#53
 t-1,3-Dichloropropene
 Concen: 52.733 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

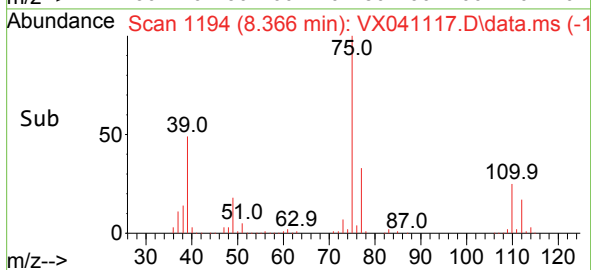
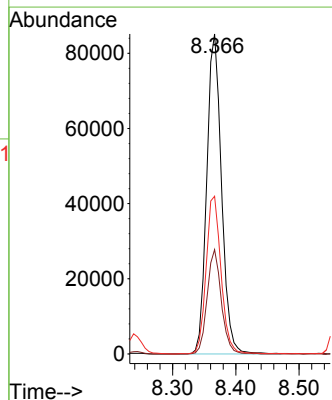
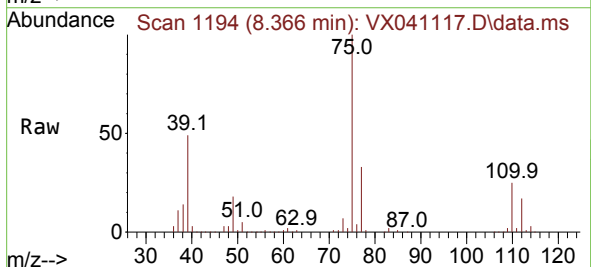
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

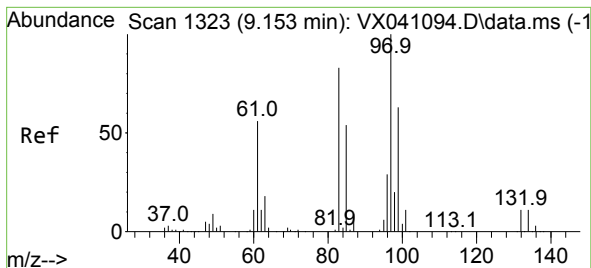
Tgt Ion: 75 Resp: 126422
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.523 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041117.D
 Acq: 16 Apr 2024 19:57

Tgt Ion: 75 Resp: 138337
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 49.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 52.382 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 94431

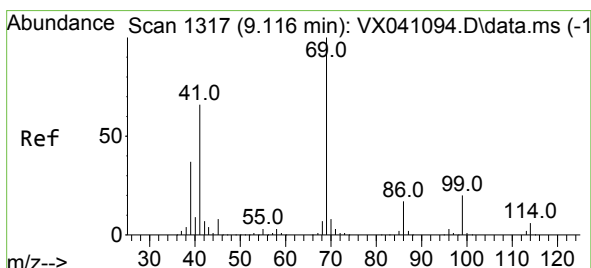
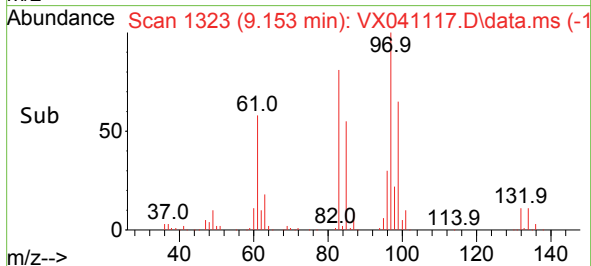
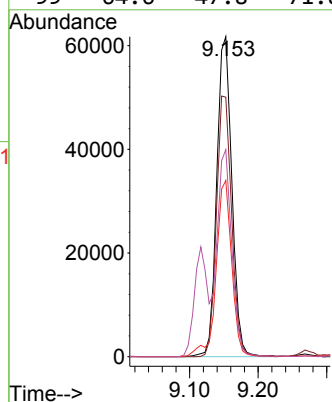
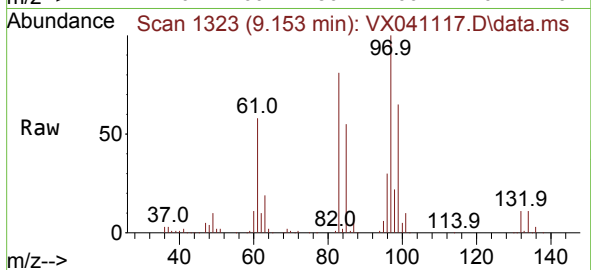
Ion Ratio Lower Upper

97 100

83 81.1 65.8 98.8

85 55.1 41.6 62.4

99 64.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 51.198 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

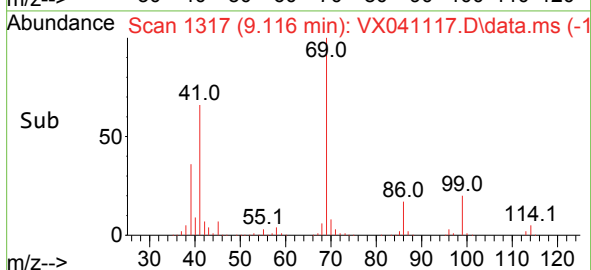
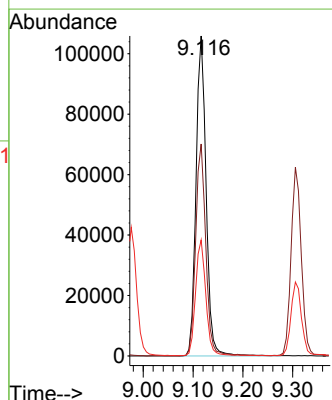
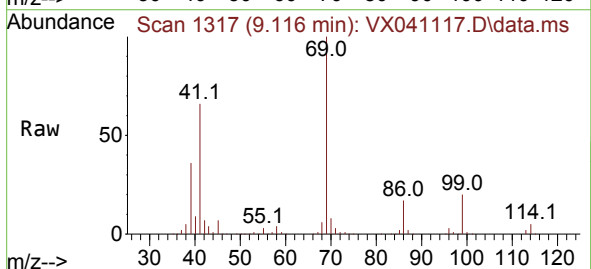
Tgt Ion: 69 Resp: 149125

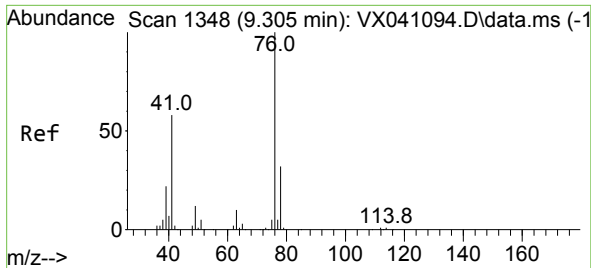
Ion Ratio Lower Upper

69 100

41 66.9 56.8 85.2

39 37.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.019 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

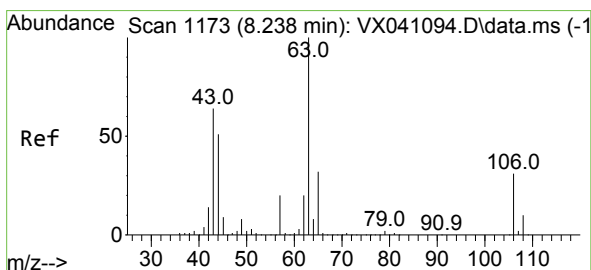
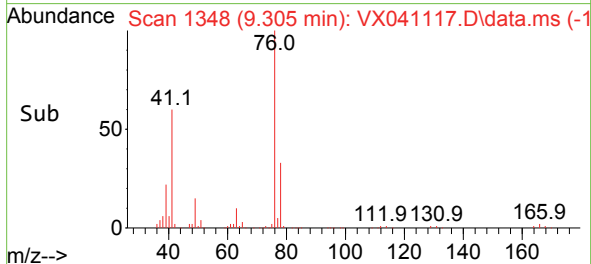
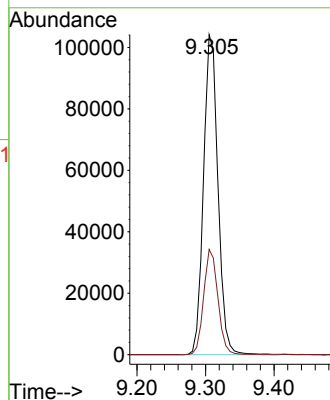
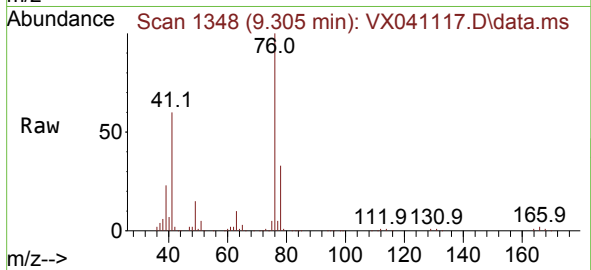
VSTDCCC050EC

Tgt Ion: 76 Resp: 152808

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 273.471 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041117.D

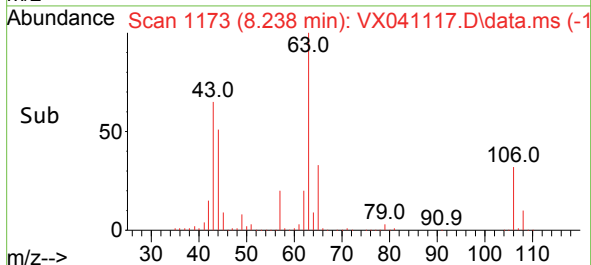
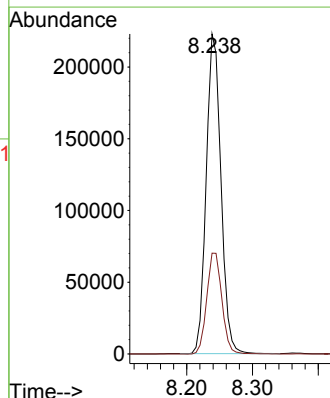
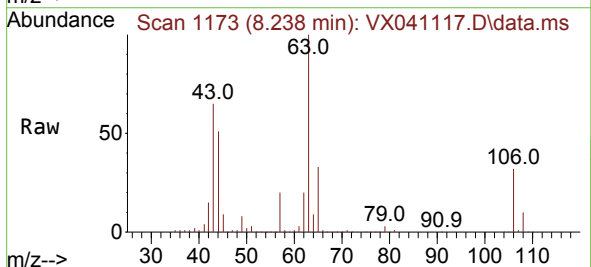
Acq: 16 Apr 2024 19:57

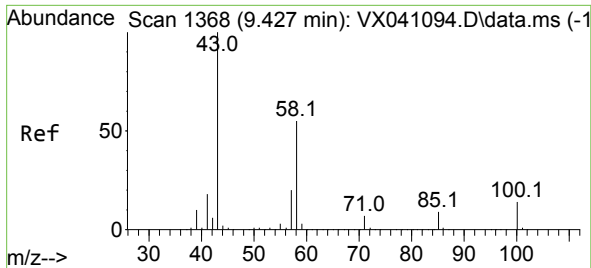
Tgt Ion: 63 Resp: 346718

Ion Ratio Lower Upper

63 100

106 32.4 22.5 33.7

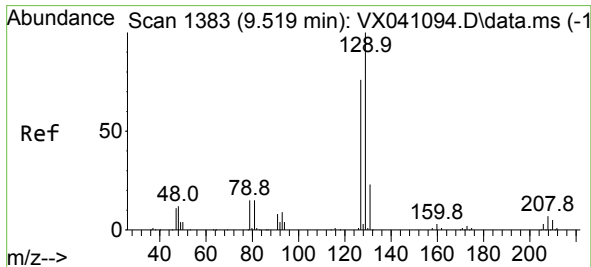
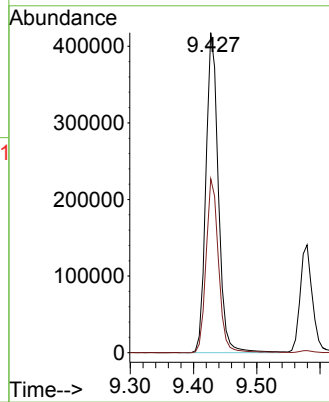
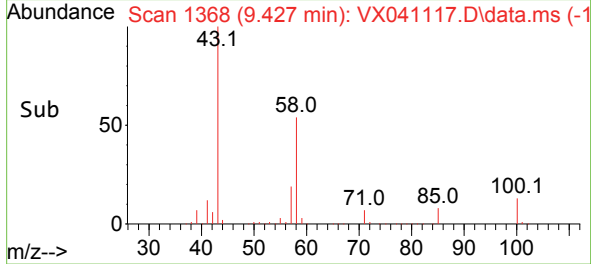
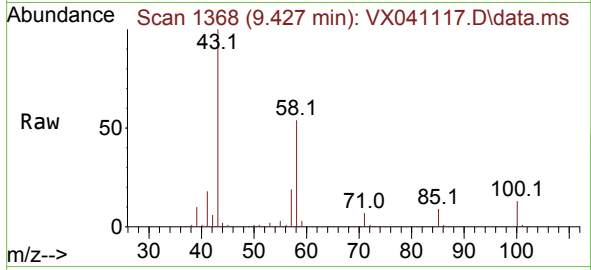




#59
2-Hexanone
Concen: 272.782 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

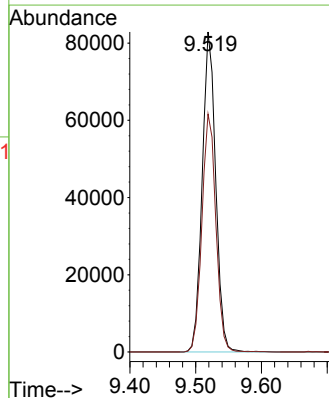
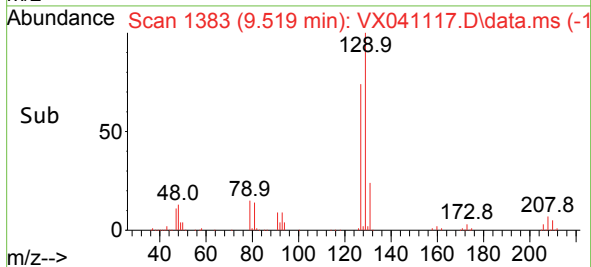
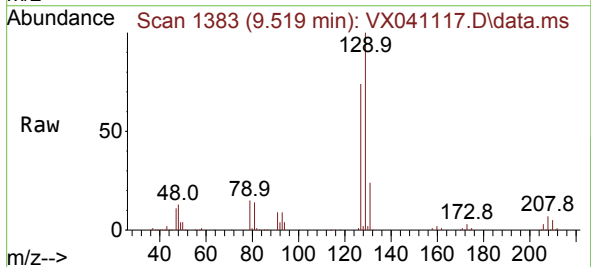
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

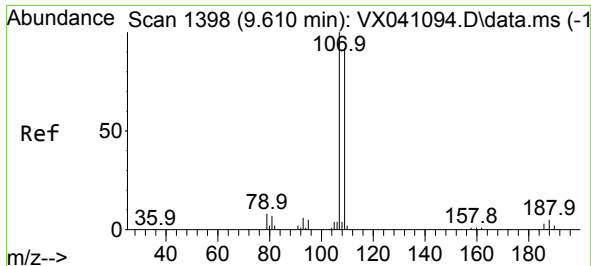
Tgt Ion: 43 Resp: 572789
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5



#60
Dibromochloromethane
Concen: 54.153 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 129 Resp: 118084
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4

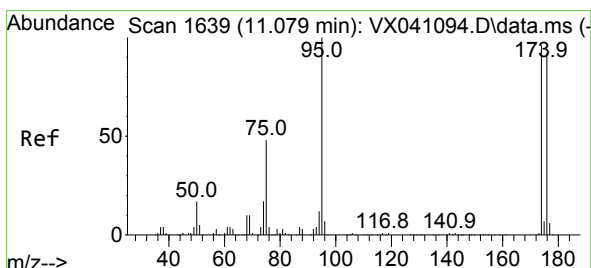
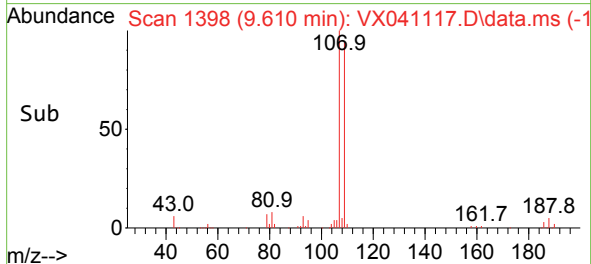
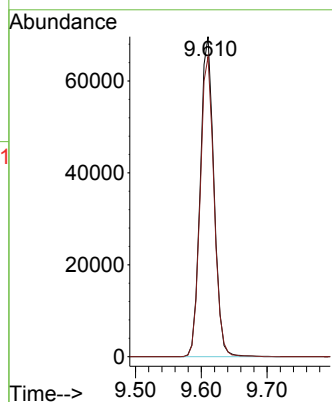
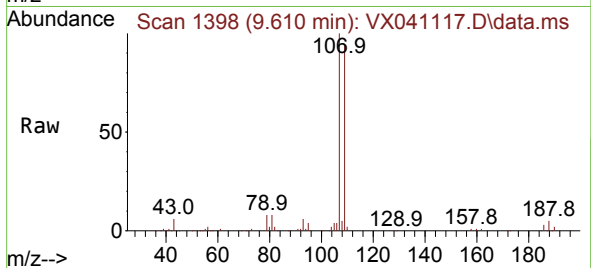




#61
1,2-Dibromoethane
Concen: 50.983 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

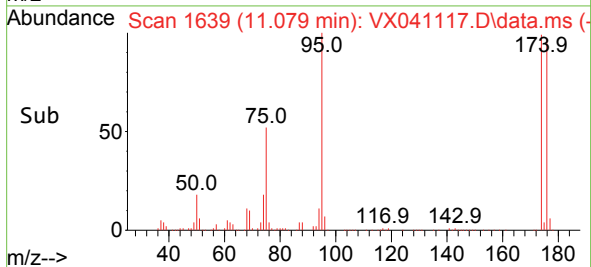
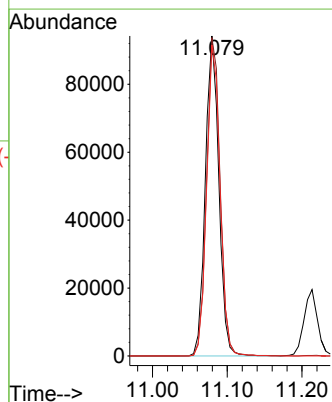
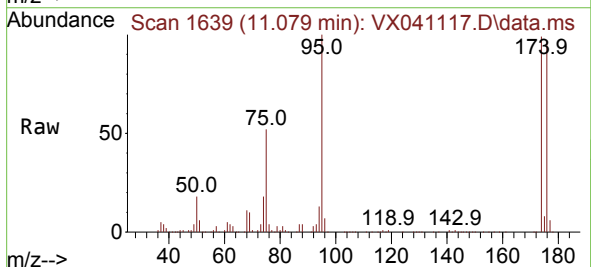
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

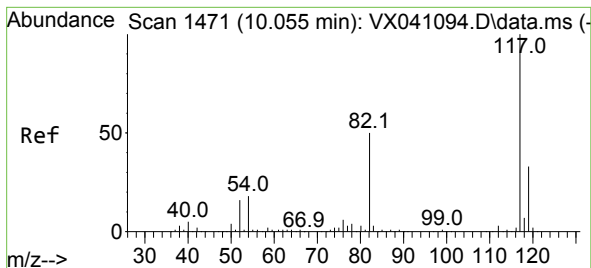
Tgt Ion:107 Resp: 100395
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 95 Resp: 117669
Ion Ratio Lower Upper
95 100
174 100.2 0.0 135.6
176 96.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

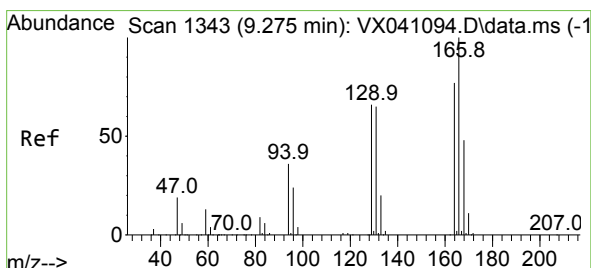
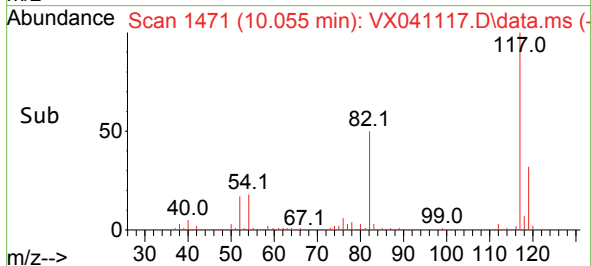
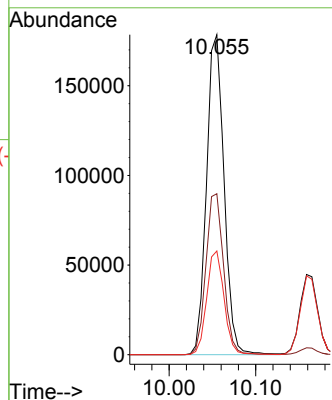
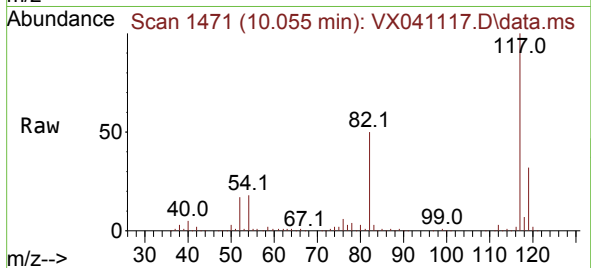
Tgt Ion:117 Resp: 251006

Ion Ratio Lower Upper

117 100

82 50.3 46.2 69.4

119 32.4 25.5 38.3



#64

Tetrachloroethene

Concen: 48.730 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion:164 Resp: 97205

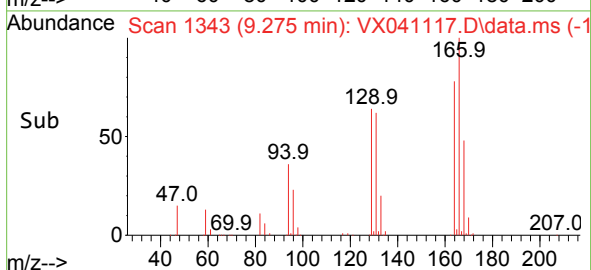
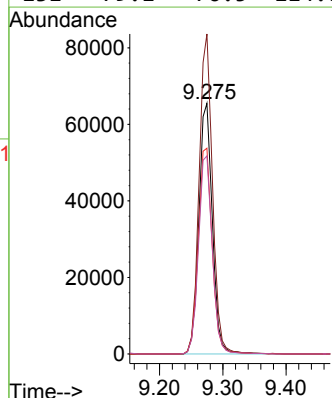
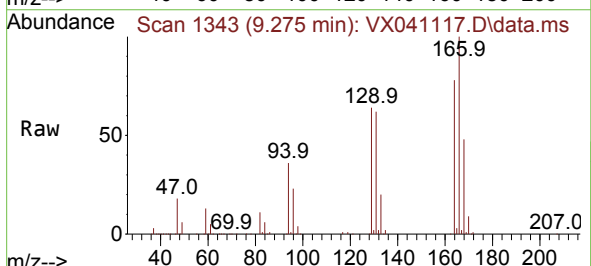
Ion Ratio Lower Upper

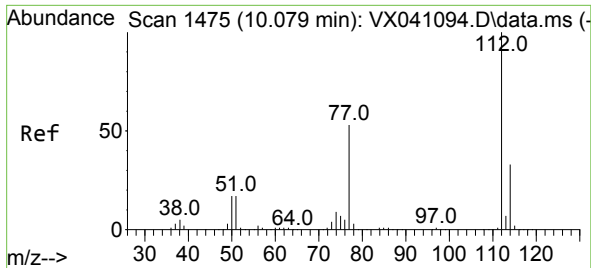
164 100

166 127.7 102.7 154.1

129 82.1 80.4 120.6

131 79.1 76.5 114.7

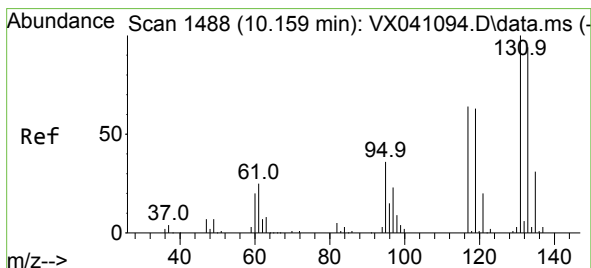
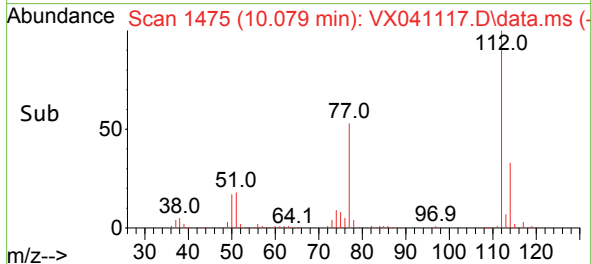
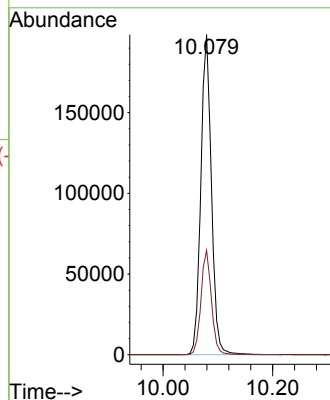
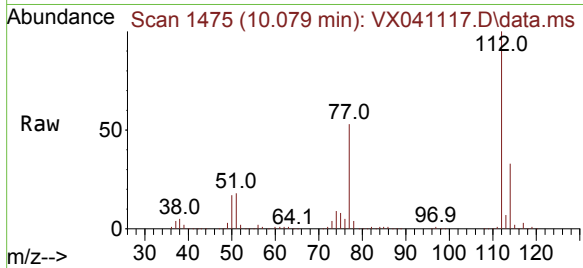




#65
Chlorobenzene
Concen: 48.026 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

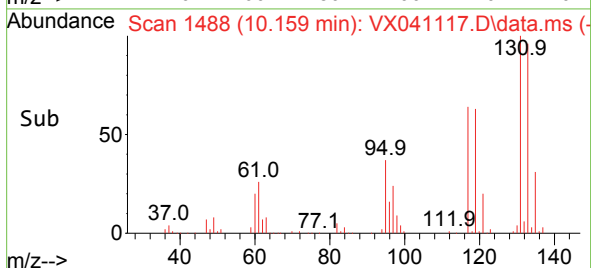
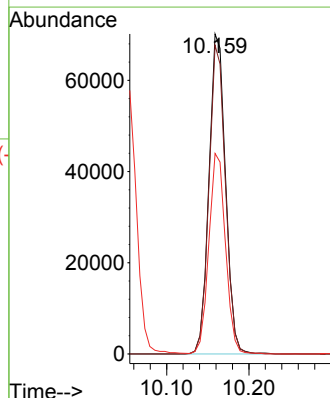
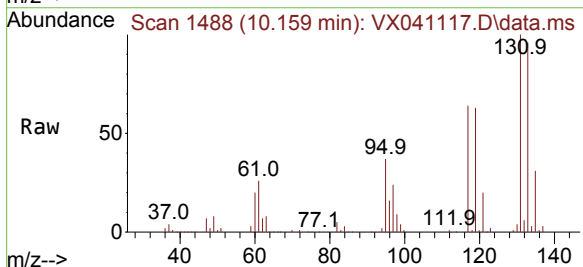
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

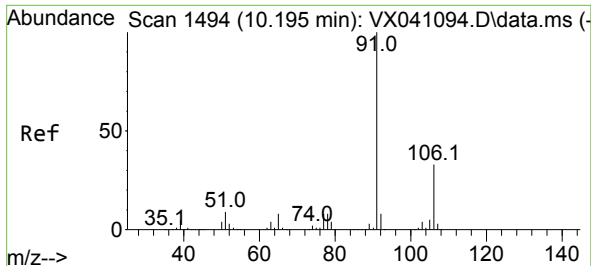
Tgt Ion:112 Resp: 266106
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.787 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:131 Resp: 98161
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 63.0 32.2 96.6





#67

Ethyl Benzene

Concen: 50.046 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

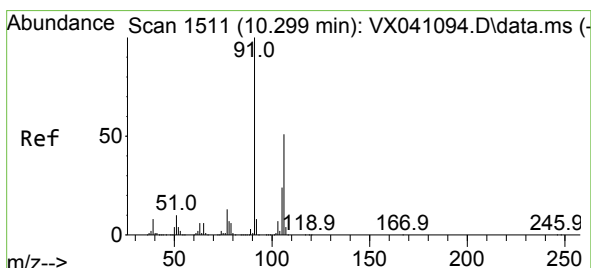
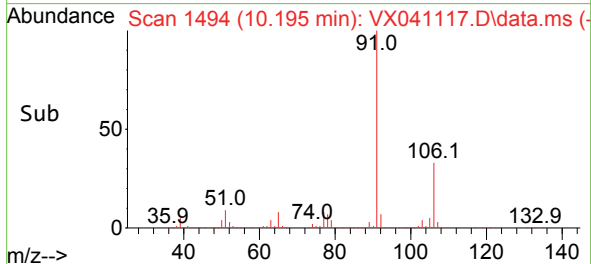
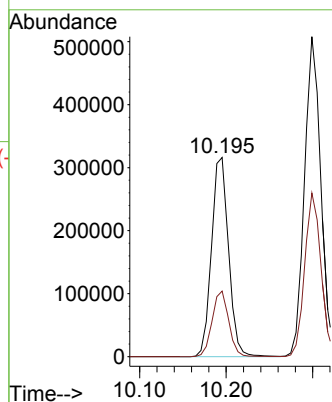
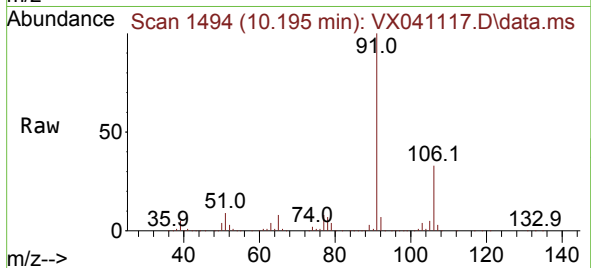
VSTDCCC050EC

Tgt Ion: 91 Resp: 432709

Ion Ratio Lower Upper

91 100

106 32.9 24.9 37.3



#68

m/p-Xylenes

Concen: 99.430 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041117.D

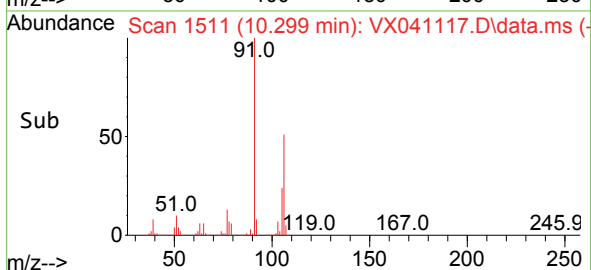
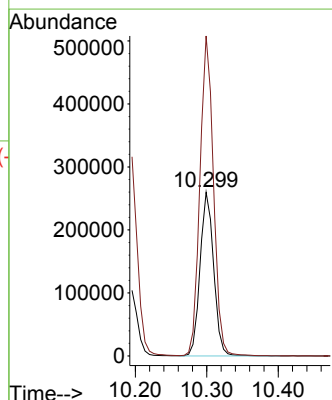
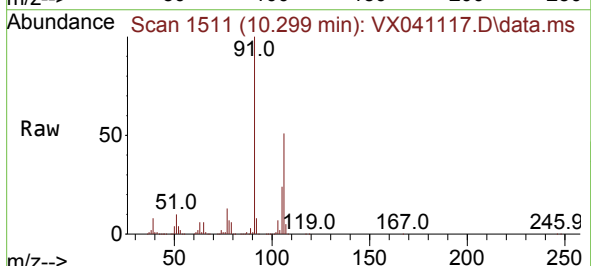
Acq: 16 Apr 2024 19:57

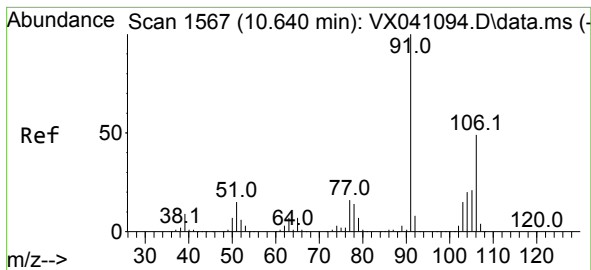
Tgt Ion: 106 Resp: 341945

Ion Ratio Lower Upper

106 100

91 195.7 165.5 248.3





#69

o-Xylene

Concen: 50.205 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

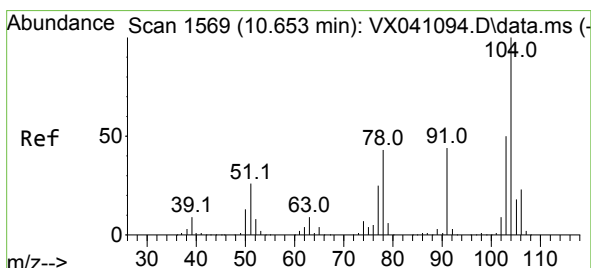
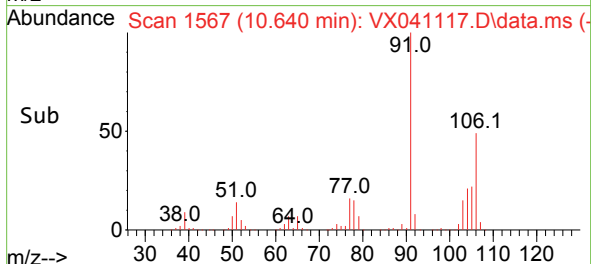
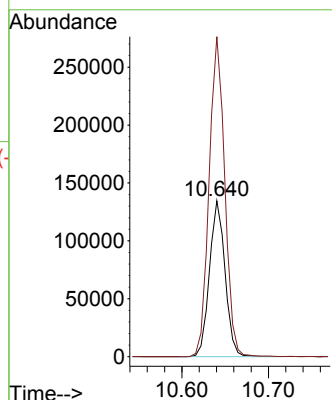
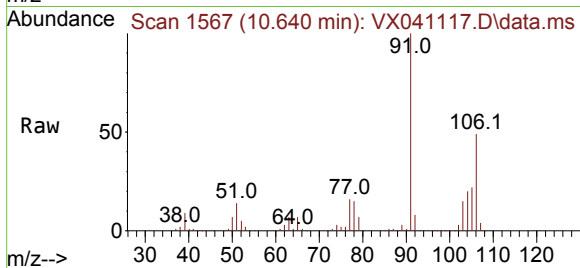
VSTDCCC050EC

Tgt Ion:106 Resp: 168070

Ion Ratio Lower Upper

106 100

91 206.4 108.9 326.8



#70

Styrene

Concen: 51.428 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

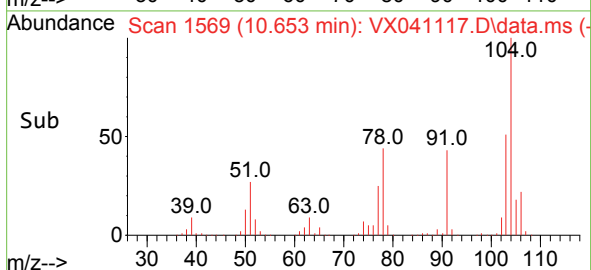
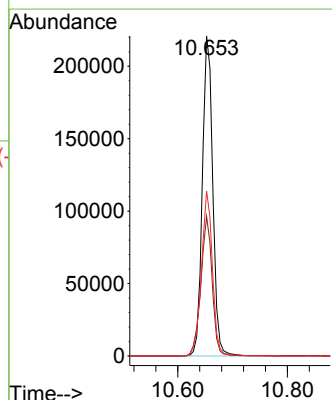
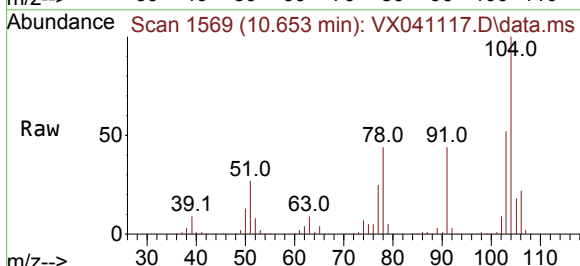
Tgt Ion:104 Resp: 292339

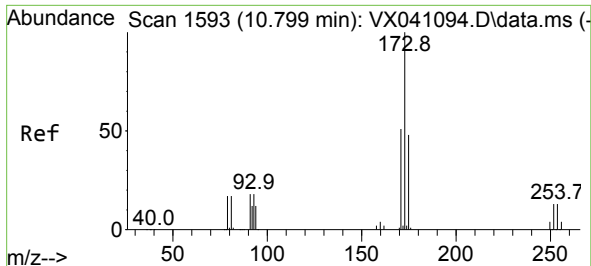
Ion Ratio Lower Upper

104 100

78 47.1 43.6 65.4

103 54.4 43.6 65.4

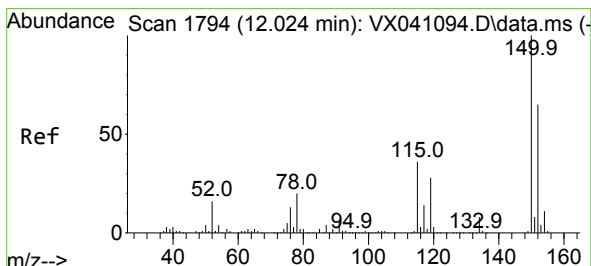
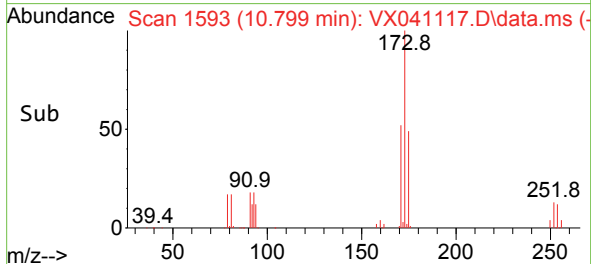
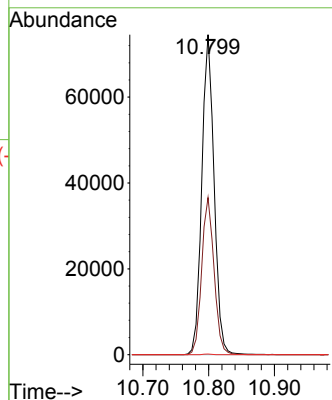
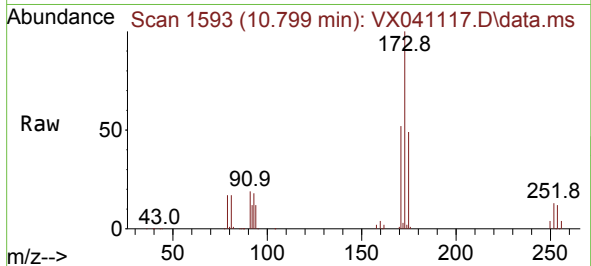




#71
Bromoform
Concen: 54.190 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

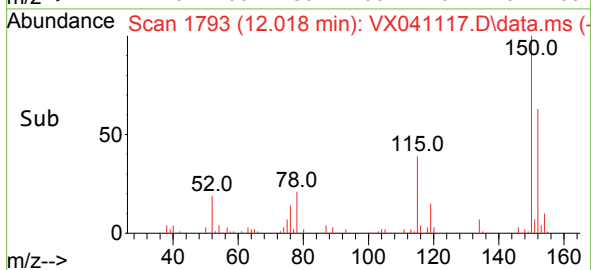
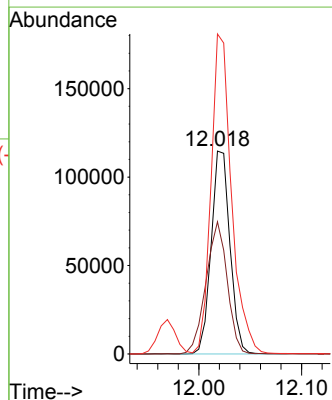
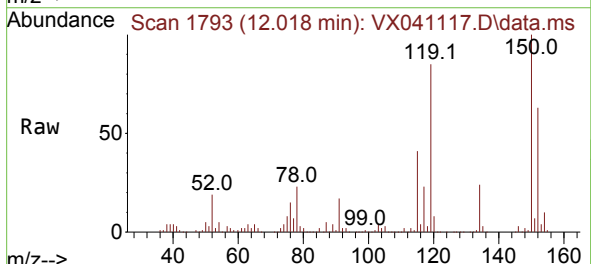
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

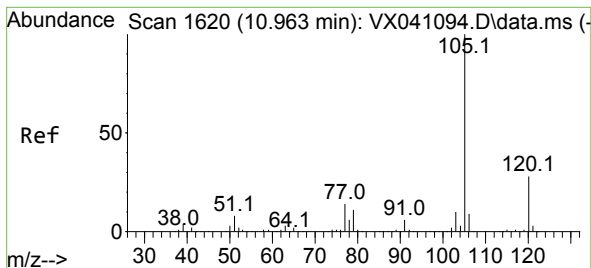
Tgt Ion:173 Resp: 96746
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:152 Resp: 146143
Ion Ratio Lower Upper
152 100
115 73.8 43.3 129.9
150 171.5 0.0 345.0





#73

Isopropylbenzene

Concen: 50.648 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

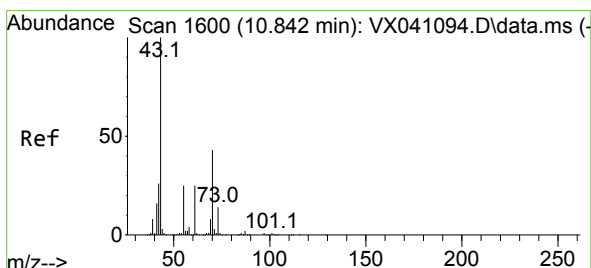
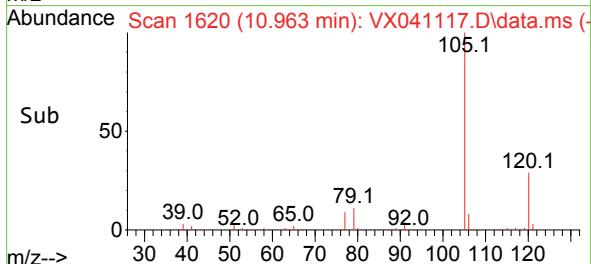
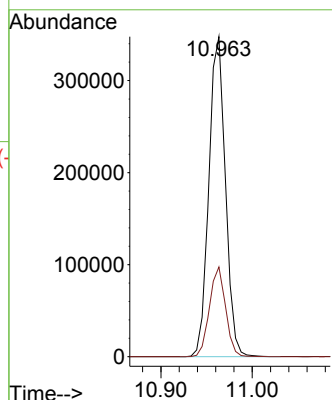
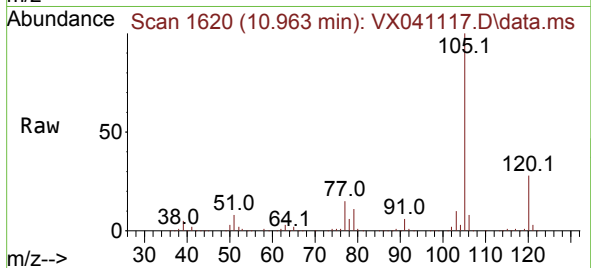
VSTDCCC050EC

Tgt Ion:105 Resp: 436615

Ion Ratio Lower Upper

105 100

120 27.3 12.9 38.6



#74

N-ethyl acetate

Concen: 55.117 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Tgt Ion: 43 Resp: 188485

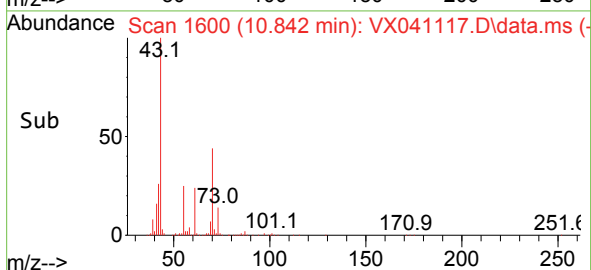
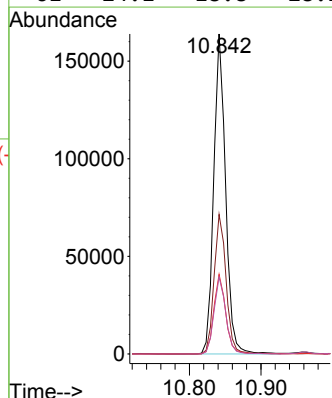
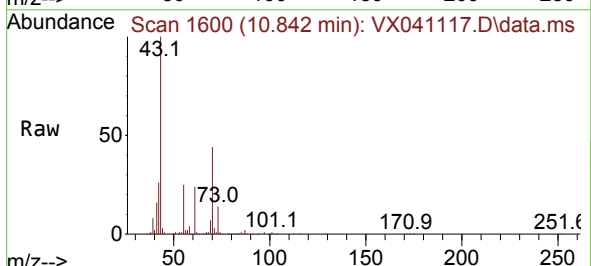
Ion Ratio Lower Upper

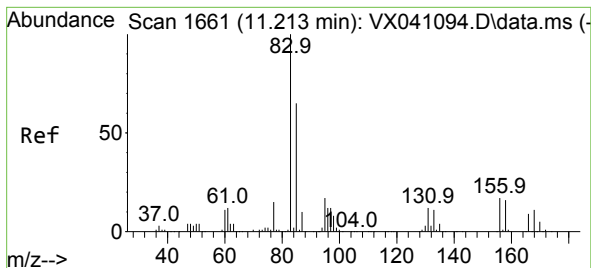
43 100

70 44.4 32.9 49.3

55 25.1 19.3 28.9

61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.330 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

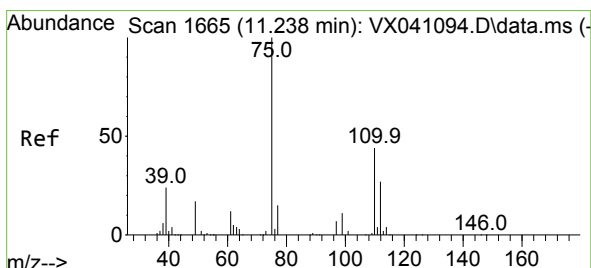
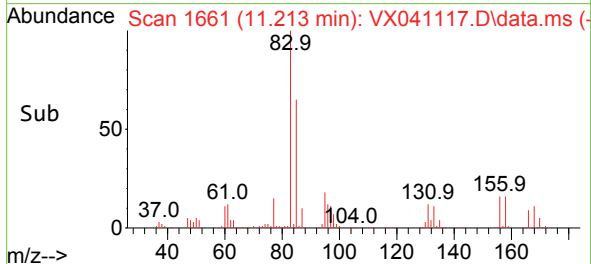
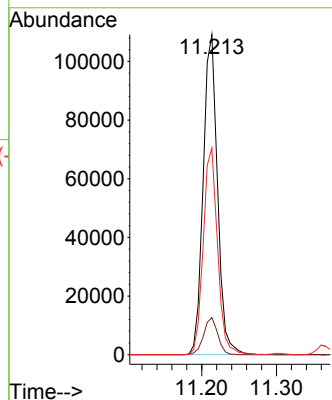
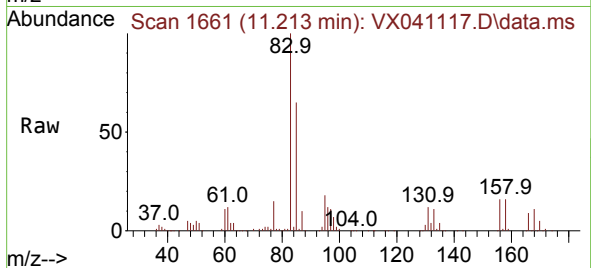
Tgt Ion: 83 Resp: 145199

Ion Ratio Lower Upper

83 100

131 11.4 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.631 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041117.D

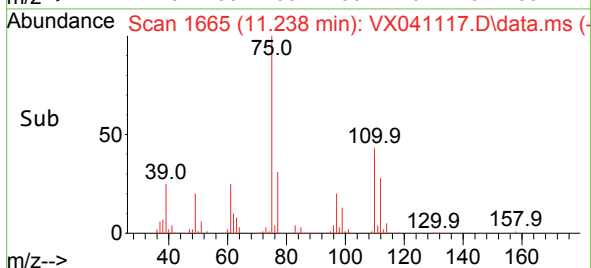
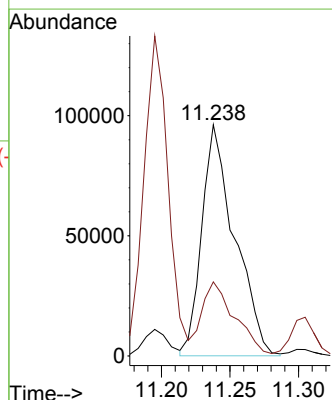
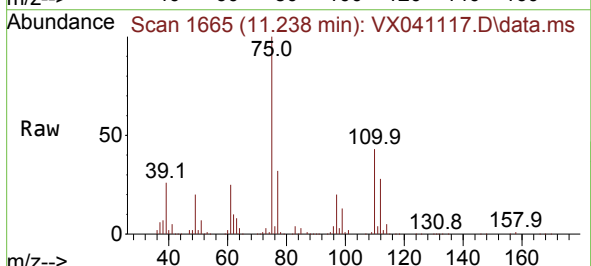
Acq: 16 Apr 2024 19:57

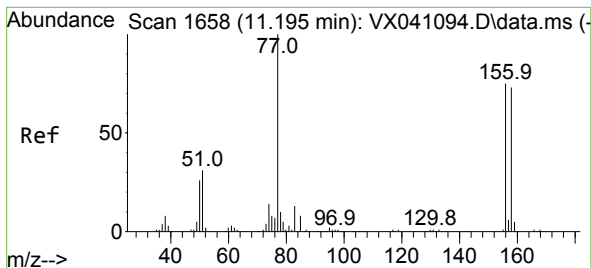
Tgt Ion: 75 Resp: 161070

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 50.038 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

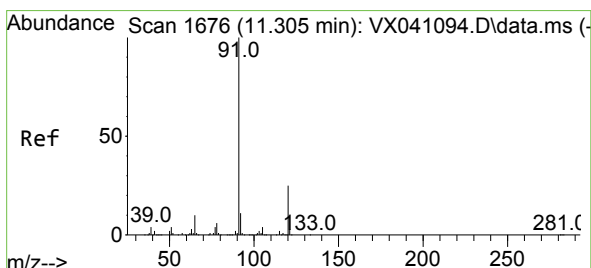
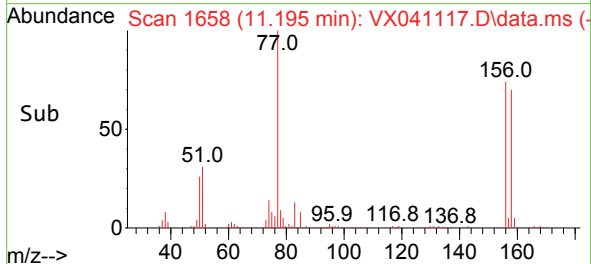
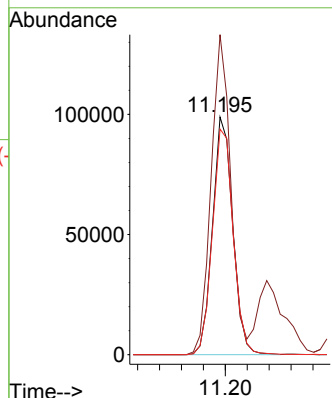
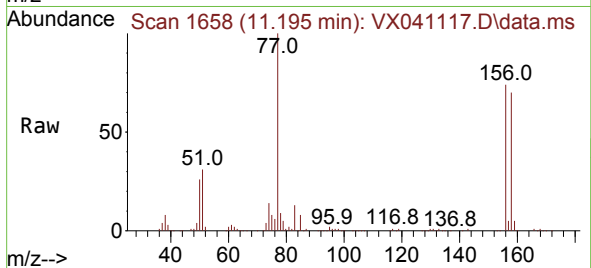
Tgt Ion:156 Resp: 126638

Ion Ratio Lower Upper

156 100

77 130.4 88.4 265.3

158 98.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.647 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041117.D

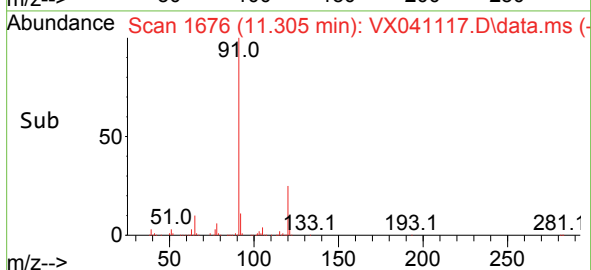
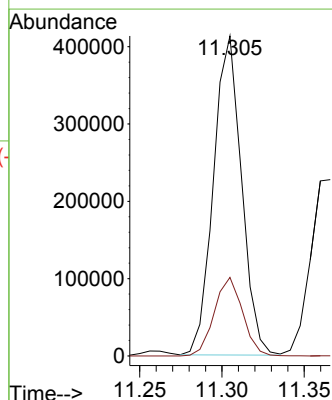
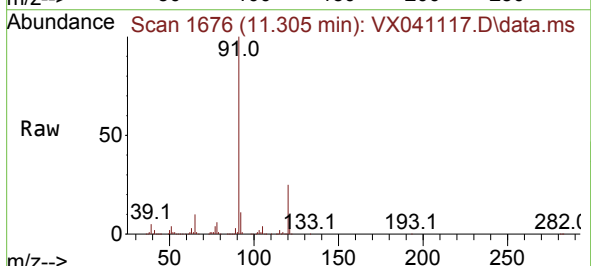
Acq: 16 Apr 2024 19:57

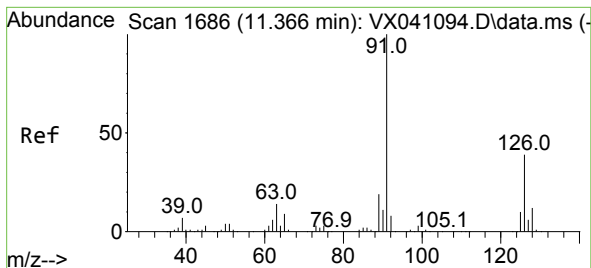
Tgt Ion: 91 Resp: 489613

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.004 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

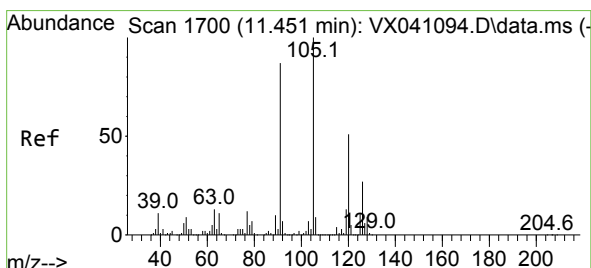
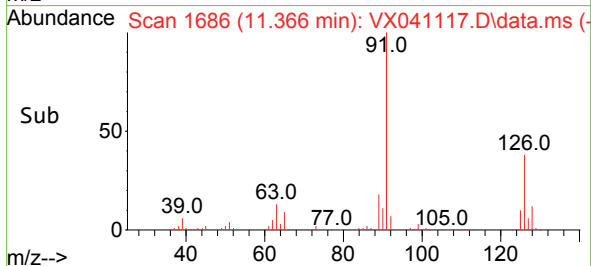
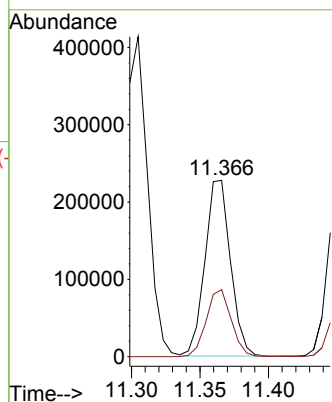
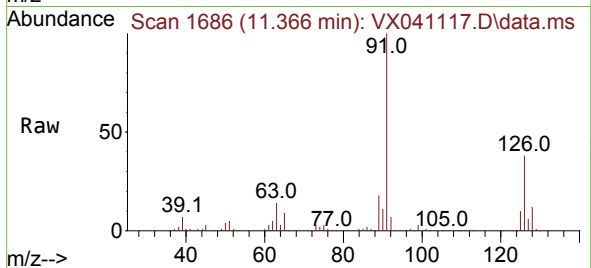
VSTDCCC050EC

Tgt Ion: 91 Resp: 294689

Ion Ratio Lower Upper

91 100

126 37.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.700 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041117.D

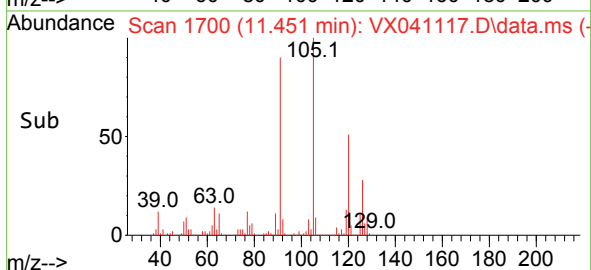
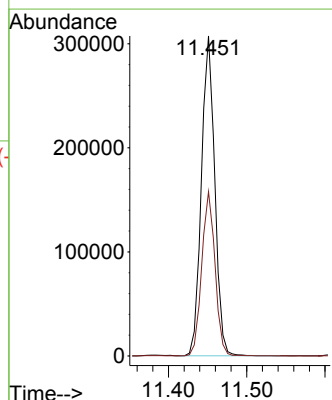
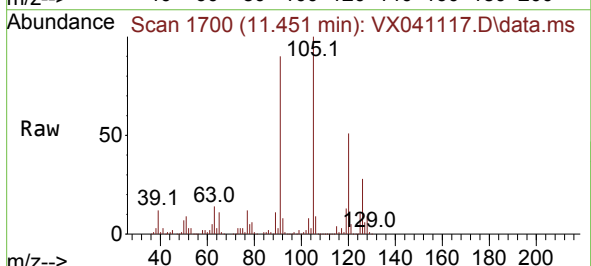
Acq: 16 Apr 2024 19:57

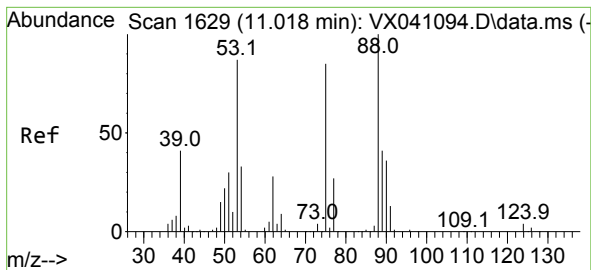
Tgt Ion: 105 Resp: 364075

Ion Ratio Lower Upper

105 100

120 51.0 24.1 72.3

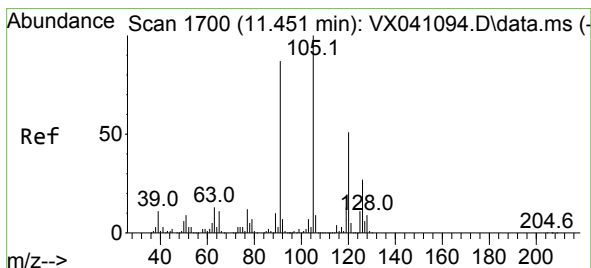
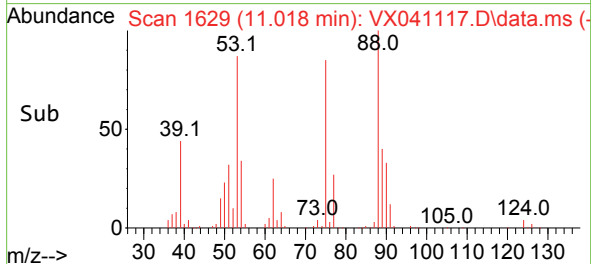
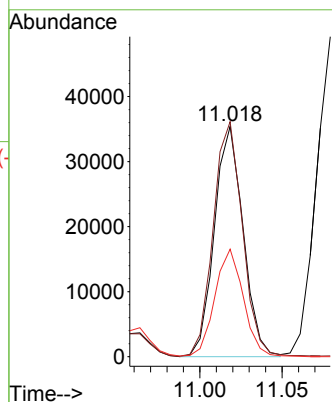
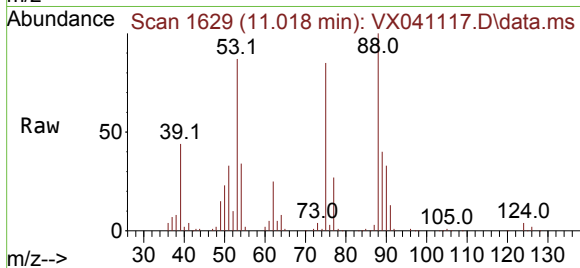




#81
trans-1,4-Dichloro-2-butene
Concen: 46.909 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

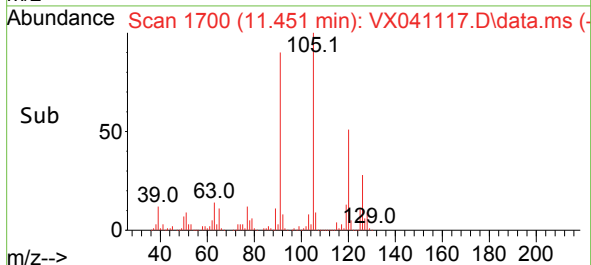
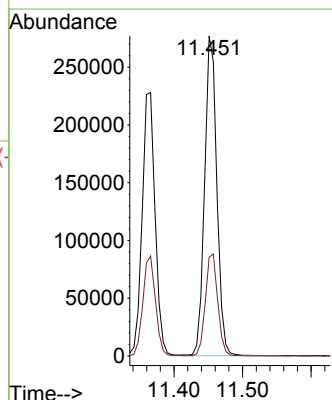
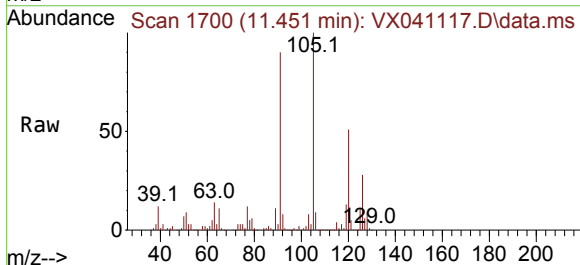
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

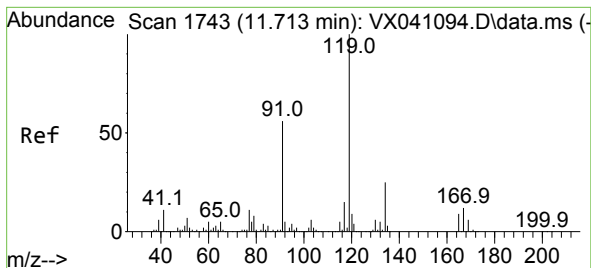
Tgt Ion: 75 Resp: 43063
Ion Ratio Lower Upper
75 100
53 103.2 90.5 135.7
89 46.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.178 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion: 91 Resp: 344312
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.390 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

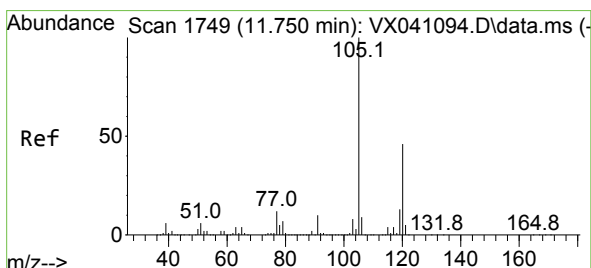
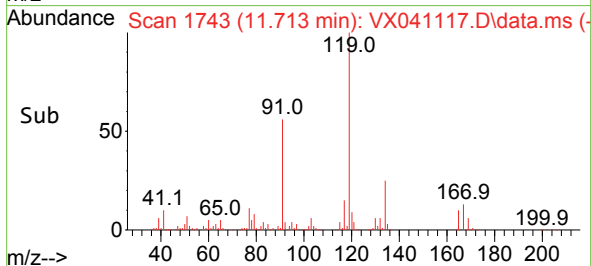
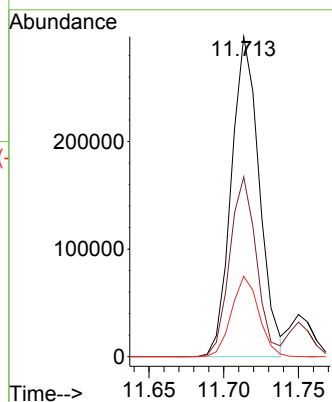
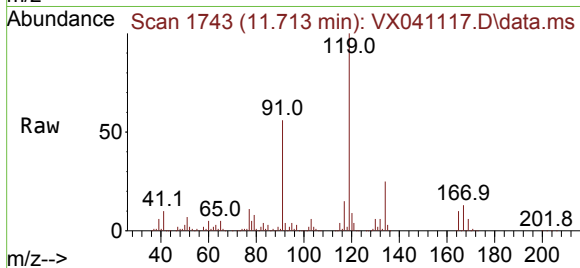
Tgt Ion:119 Resp: 385923

Ion Ratio Lower Upper

119 100

91 54.1 31.2 93.6

134 24.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.144 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041117.D

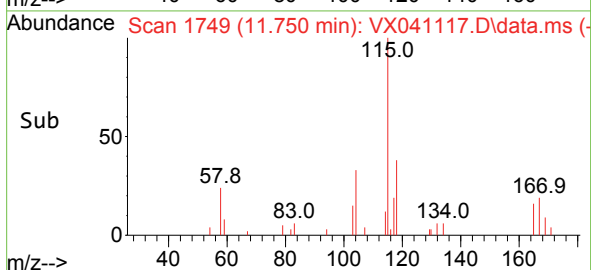
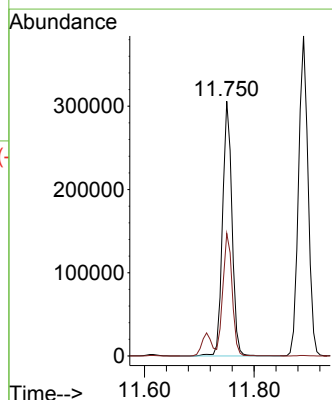
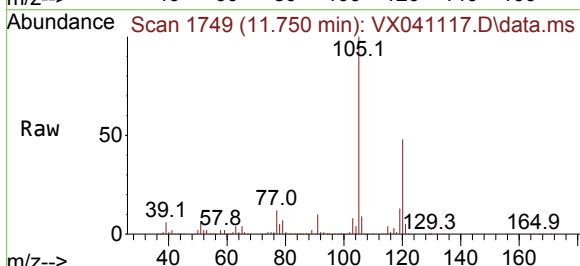
Acq: 16 Apr 2024 19:57

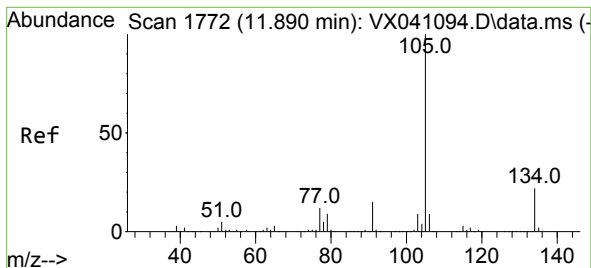
Tgt Ion:105 Resp: 366531

Ion Ratio Lower Upper

105 100

120 47.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 50.163 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

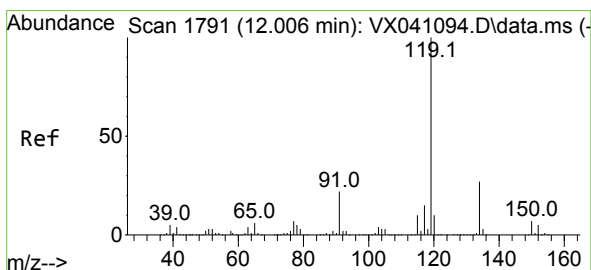
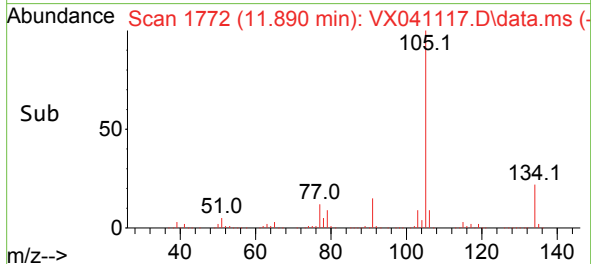
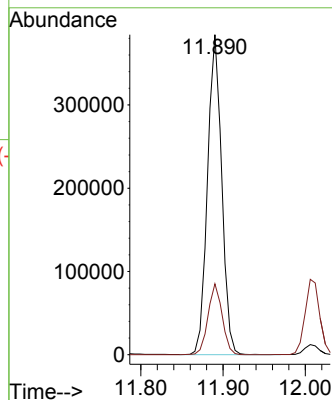
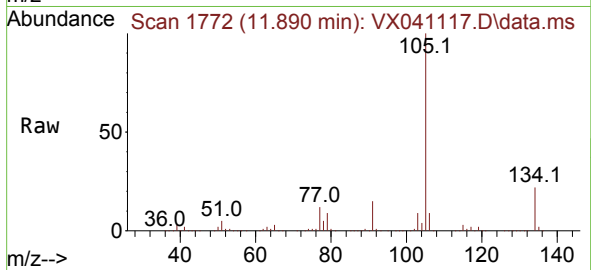
VSTDCCC050EC

Tgt Ion:105 Resp: 460974

Ion Ratio Lower Upper

105 100

134 22.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 50.798 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

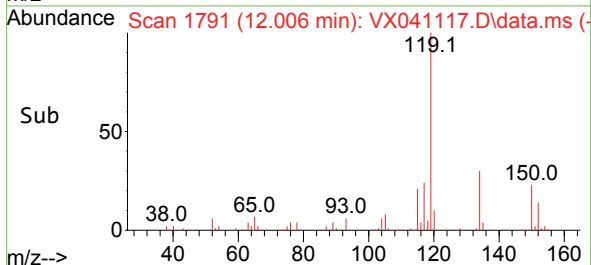
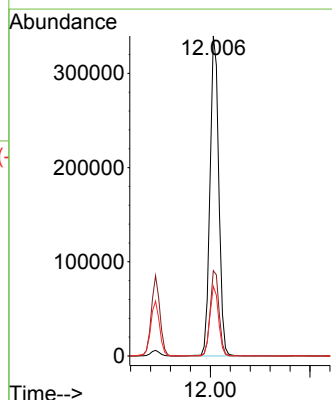
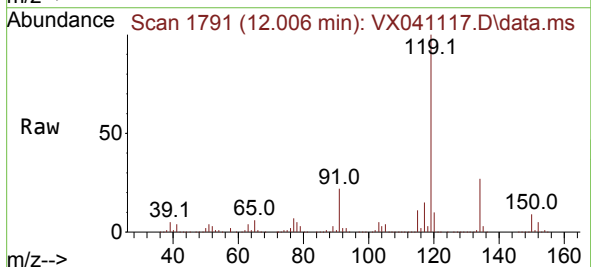
Tgt Ion:119 Resp: 414288

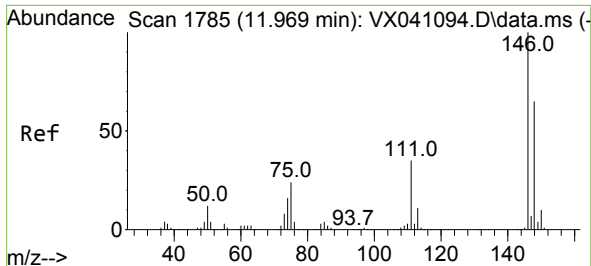
Ion Ratio Lower Upper

119 100

134 26.9 12.8 38.3

91 21.6 13.1 39.3

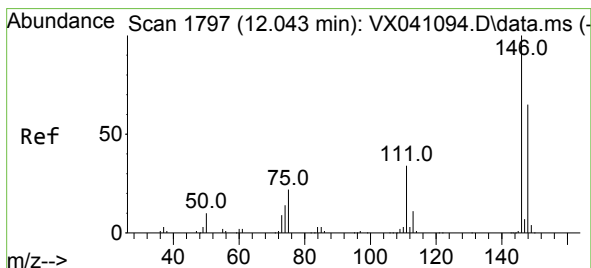
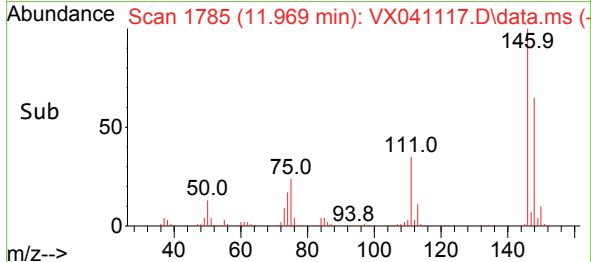
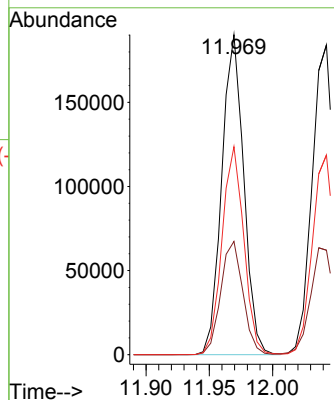
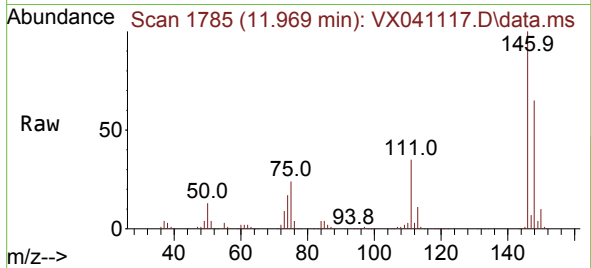




#87
1,3-Dichlorobenzene
Concen: 48.071 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

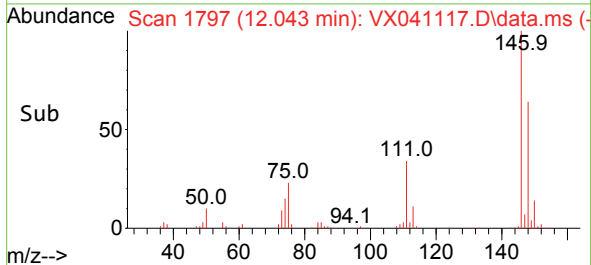
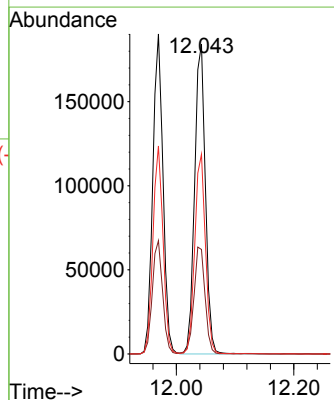
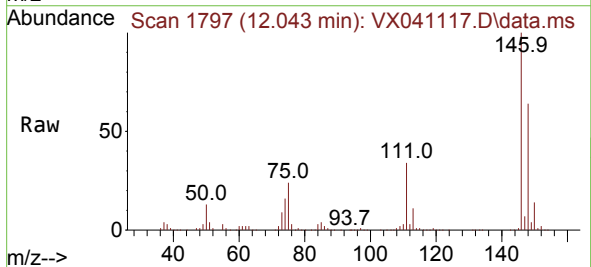
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

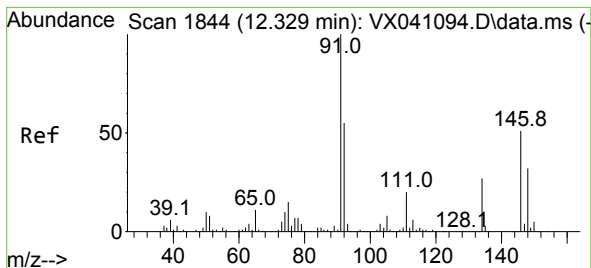
Tgt Ion:146 Resp: 229510
Ion Ratio Lower Upper
146 100
111 35.9 22.1 66.1
148 64.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 46.490 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:146 Resp: 234083
Ion Ratio Lower Upper
146 100
111 35.6 21.3 63.7
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 49.798 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

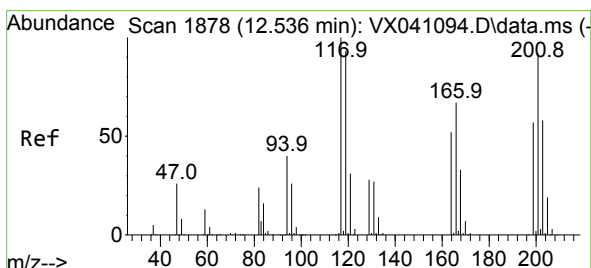
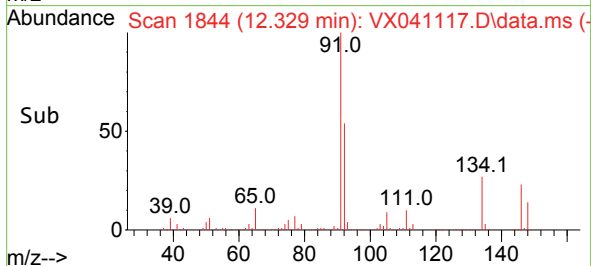
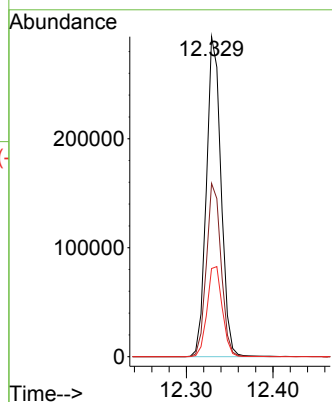
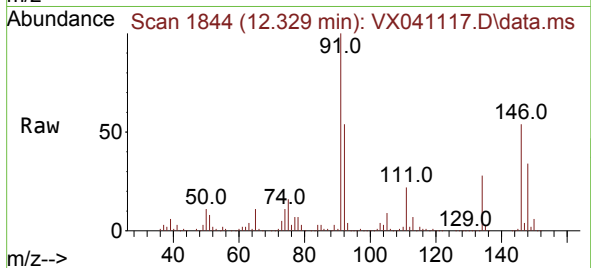
Tgt Ion: 91 Resp: 344557

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

134 29.3 12.6 37.8



#90

Hexachloroethane

Concen: 51.029 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041117.D

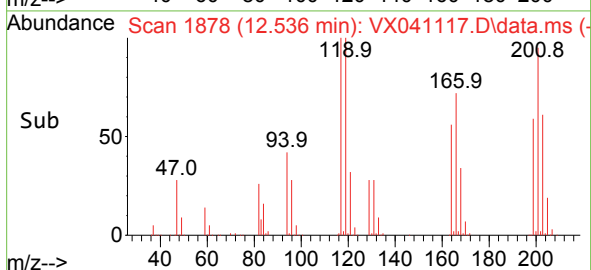
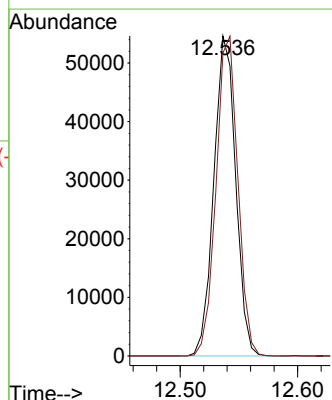
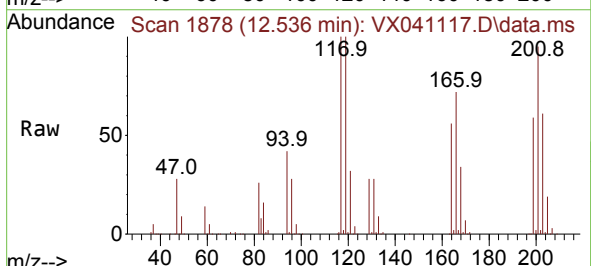
Acq: 16 Apr 2024 19:57

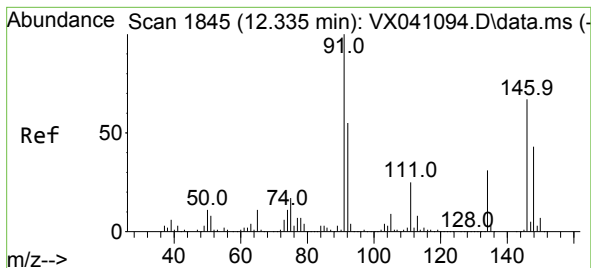
Tgt Ion: 117 Resp: 70473

Ion Ratio Lower Upper

117 100

201 99.7 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 48.581 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

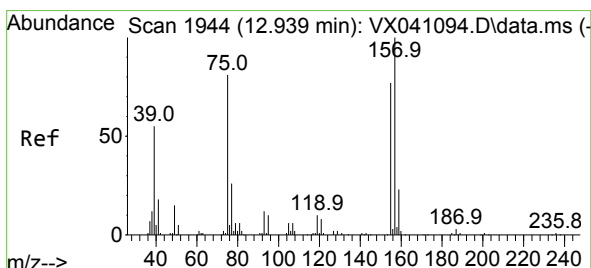
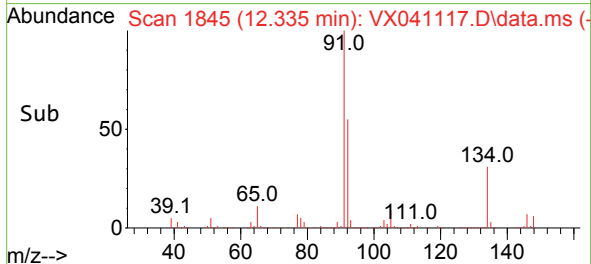
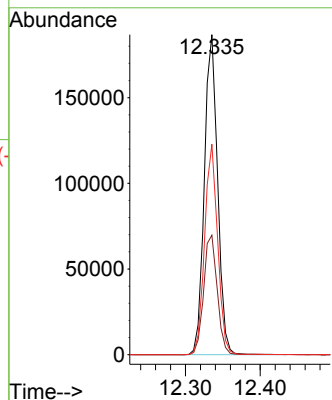
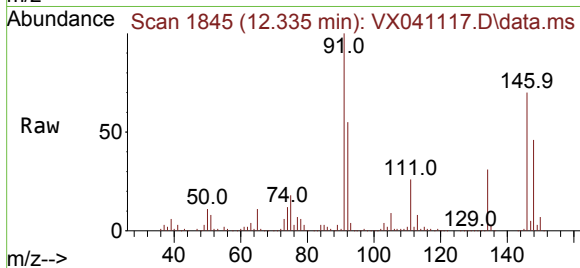
Tgt Ion:146 Resp: 230168

Ion Ratio Lower Upper

146 100

111 38.3 22.4 67.0

148 64.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.056 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

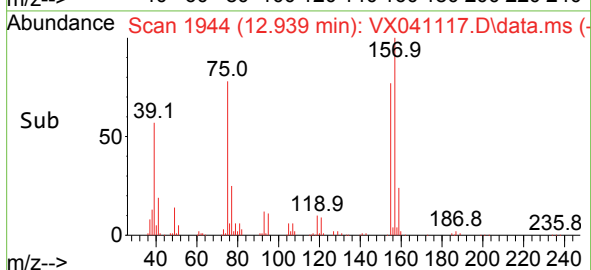
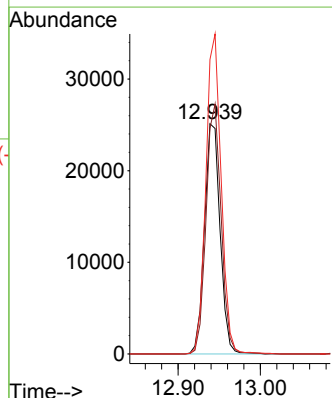
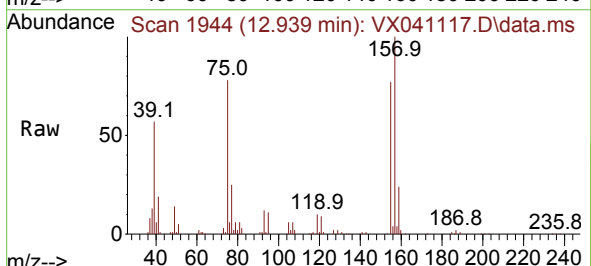
Tgt Ion: 75 Resp: 33166

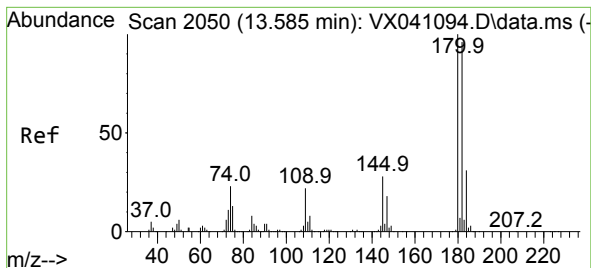
Ion Ratio Lower Upper

75 100

155 104.9 36.1 108.5

157 136.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 48.613 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

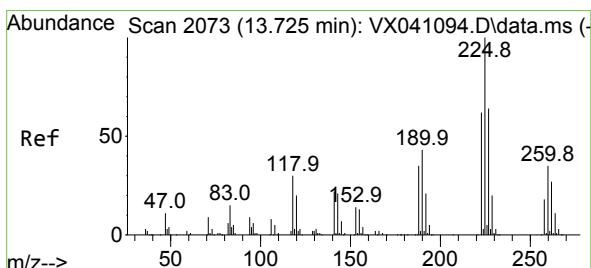
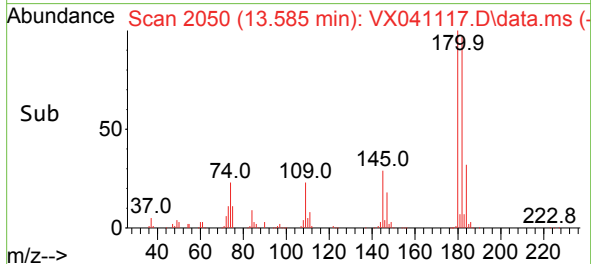
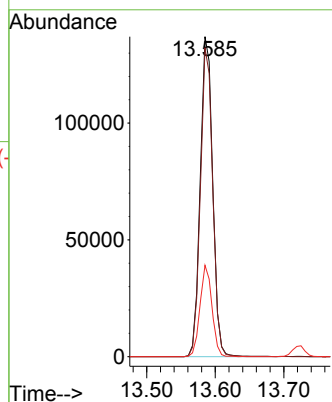
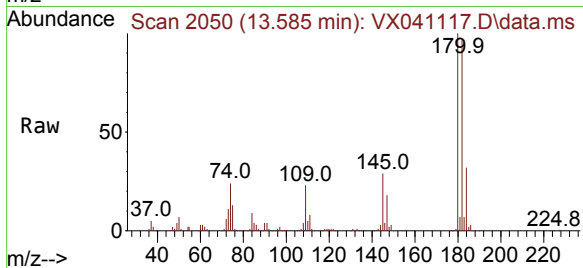
Tgt Ion:180 Resp: 173099

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.8

145 27.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 47.353 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041117.D

Acq: 16 Apr 2024 19:57

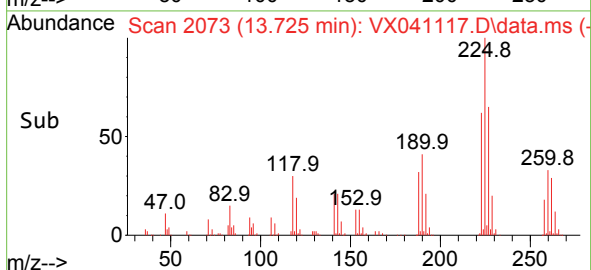
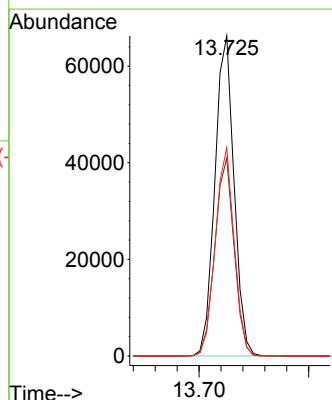
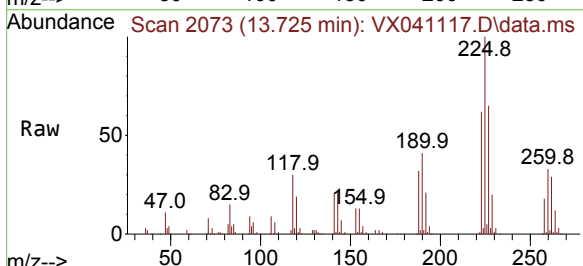
Tgt Ion:225 Resp: 80381

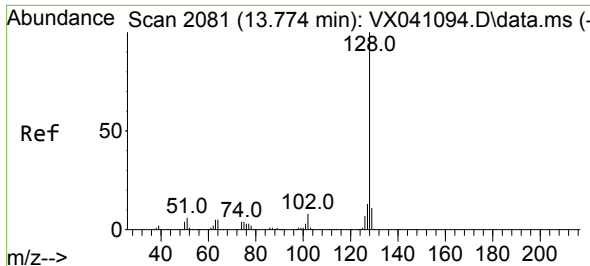
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

227 64.1 32.5 97.5

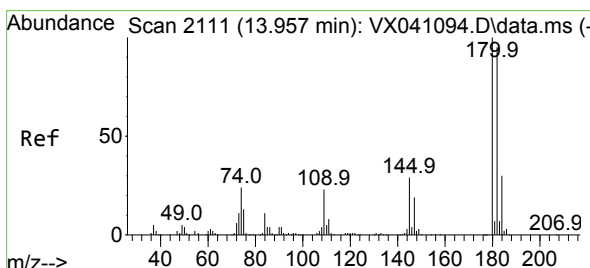
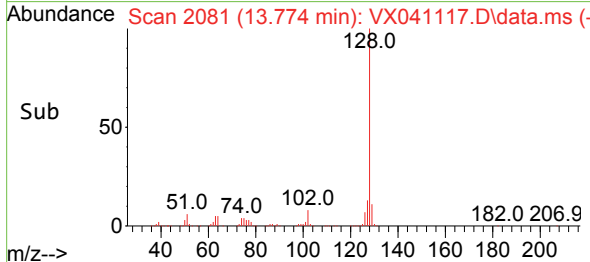
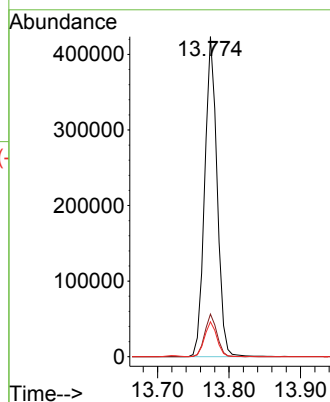
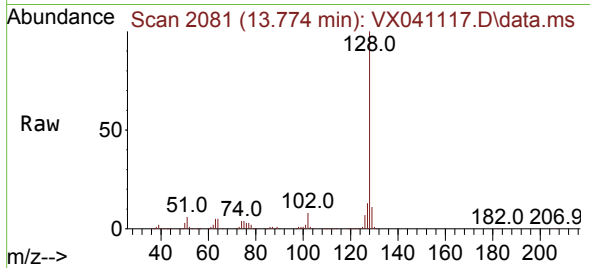




#95
Naphthalene
Concen: 53.046 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 510168
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.158 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX041117.D
Acq: 16 Apr 2024 19:57

Tgt Ion:180 Resp: 173806
Ion Ratio Lower Upper
180 100
182 96.9 46.9 140.6
145 29.0 17.8 53.5

