

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041638.D
 Acq On : 23 May 2024 18:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 05:53:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	223696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98026	59.473	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.940%#
35) Dibromofluoromethane	5.385	113	81098	53.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.000%
50) Toluene-d8	8.647	98	271956	56.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.360%#
62) 4-Bromofluorobenzene	11.079	95	109104	58.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	63197	50.798	ug/l	99
3) Chloromethane	1.301	50	61193	47.534	ug/l	98
4) Vinyl Chloride	1.374	62	67982	55.395	ug/l	98
5) Bromomethane	1.593	94	43343	56.338	ug/l	99
6) Chloroethane	1.660	64	39382	69.114	ug/l	100
7) Trichlorofluoromethane	1.868	101	113286	53.533	ug/l	96
8) Diethyl Ether	2.136	74	47899	64.218	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	68129	57.281	ug/l	89
10) Methyl Iodide	2.441	142	91137	71.196	ug/l	90
11) Tert butyl alcohol	3.002	59	108691	329.464	ug/l	# 92
12) 1,1-Dichloroethene	2.307	96	62586	53.343	ug/l	90
13) Acrolein	2.239	56	98880	377.811	ug/l	98
14) Allyl chloride	2.660	41	113092	57.373	ug/l	99
15) Acrylonitrile	3.069	53	239457	318.031	ug/l	99
16) Acetone	2.392	43	216948	299.673	ug/l	98
17) Carbon Disulfide	2.502	76	107151	38.851	ug/l	98
18) Methyl Acetate	2.709	43	117975	69.959	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	248314	58.058	ug/l	99
20) Methylene Chloride	2.788	84	76210	53.260	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	64198	48.962	ug/l	91
22) Diisopropyl ether	3.770	45	243996	58.406	ug/l	# 84
23) Vinyl Acetate	3.727	43	1107601	296.391	ug/l	96
24) 1,1-Dichloroethane	3.605	63	131832	55.858	ug/l	97
25) 2-Butanone	4.568	43	350135	328.213	ug/l	95
26) 2,2-Dichloropropane	4.471	77	103018	52.206	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	86637	55.806	ug/l	90
28) Bromochloromethane	4.898	49	48698	57.816	ug/l	# 82
29) Tetrahydrofuran	5.013	42	220120	315.503	ug/l	96
30) Chloroform	5.093	83	143581	58.476	ug/l	98
31) Cyclohexane	5.464	56	93696	47.100	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	123275	55.183	ug/l	98
36) 1,1-Dichloropropene	5.690	75	84576	46.658	ug/l	95
37) Ethyl Acetate	4.721	43	128247	56.702	ug/l	99
38) Carbon Tetrachloride	5.678	117	103986	50.076	ug/l	96
39) Methylcyclohexane	7.379	83	100468	47.178	ug/l	92
40) Benzene	6.038	78	281514	50.378	ug/l	99

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Quant Time: May 24 05:53:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	72016	61.865	ug/l	97
42) 1,2-Dichloroethane	6.086	62	111564	54.476	ug/l	97
43) Isopropyl Acetate	6.348	43	197264	58.008	ug/l	98
44) Trichloroethene	7.123	130	76855	52.085	ug/l	88
45) 1,2-Dichloropropane	7.434	63	72607	58.155	ug/l	99
46) Dibromomethane	7.580	93	55578	55.919	ug/l #	79
47) Bromodichloromethane	7.824	83	108254	61.121	ug/l	97
48) Methyl methacrylate	7.696	41	98164	62.970	ug/l	95
49) 1,4-Dioxane	7.665	88	45490	1349.699	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	703530	344.772	ug/l	99
52) Toluene	8.720	92	183971	53.819	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	104892	50.899	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	113176	58.125	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	81304	61.761	ug/l	98
56) Ethyl methacrylate	9.116	69	132906	65.235	ug/l	97
57) 1,3-Dichloropropane	9.311	76	130734	59.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	305545	309.299	ug/l	94
59) 2-Hexanone	9.433	43	554876	340.059	ug/l	98
60) Dibromochloromethane	9.519	129	94923	61.251	ug/l	100
61) 1,2-Dibromoethane	9.610	107	84617	58.426	ug/l	100
64) Tetrachloroethene	9.275	164	71562	47.796	ug/l	91
65) Chlorobenzene	10.080	112	221025	52.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	82759	55.802	ug/l	98
67) Ethyl Benzene	10.195	91	357933	51.687	ug/l	98
68) m/p-Xylenes	10.299	106	282630	101.917	ug/l	93
69) o-Xylene	10.640	106	143780	54.149	ug/l	95
70) Styrene	10.653	104	247941	56.906	ug/l	96
71) Bromoform	10.799	173	78412	59.078	ug/l #	99
73) Isopropylbenzene	10.964	105	372184	52.568	ug/l	97
74) N-amyl acetate	10.842	43	183805	59.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	140458	60.543	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	151748	80.280	ug/l	91
77) Bromobenzene	11.195	156	108185	54.139	ug/l	79
78) n-propylbenzene	11.305	91	403663	54.284	ug/l	96
79) 2-Chlorotoluene	11.366	91	256863	53.603	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	310881	53.863	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	40408	58.229	ug/l	96
82) 4-Chlorotoluene	11.451	91	292122	53.697	ug/l	93
83) tert-Butylbenzene	11.713	119	348747	56.426	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	314861	54.217	ug/l	94
85) sec-Butylbenzene	11.890	105	391354	55.253	ug/l	95
86) p-Isopropyltoluene	12.006	119	340681	53.555	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	194089	53.437	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	194363	51.939	ug/l	95
89) n-Butylbenzene	12.335	91	273550	53.478	ug/l	97
90) Hexachloroethane	12.536	117	58409	54.905	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	201422	52.503	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32380	60.400	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	138918	51.803	ug/l	94
94) Hexachlorobutadiene	13.725	225	65039	48.568	ug/l	99
95) Naphthalene	13.774	128	446832	56.228	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143799	52.468	ug/l	95

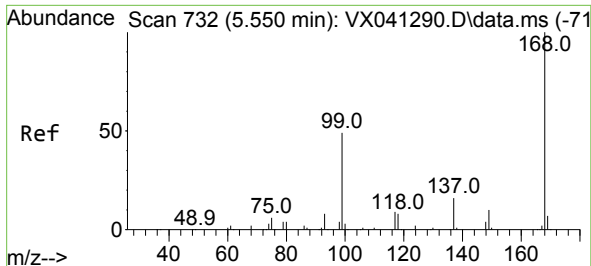
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
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Response via : Initial Calibration

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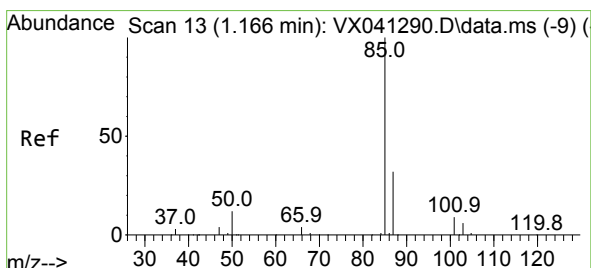
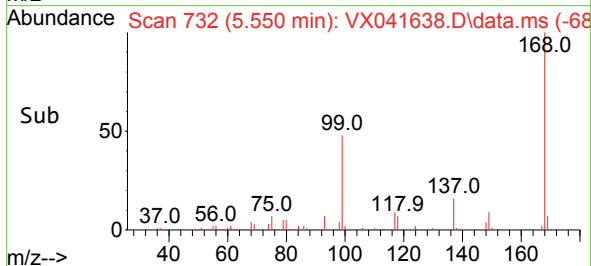
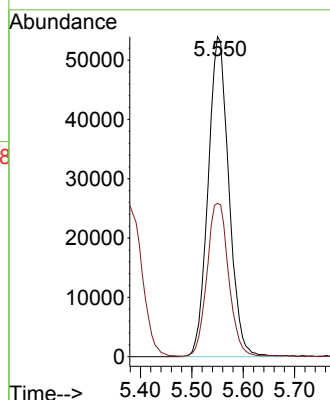
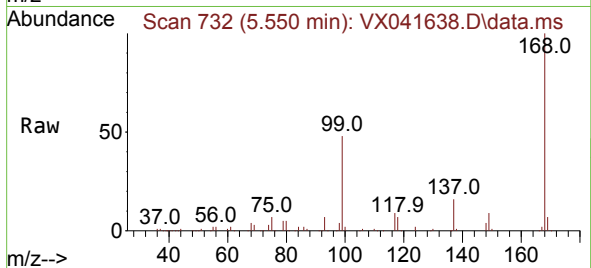
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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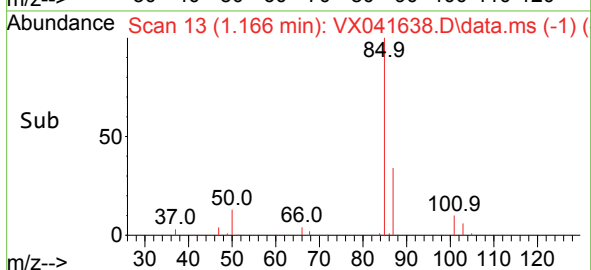
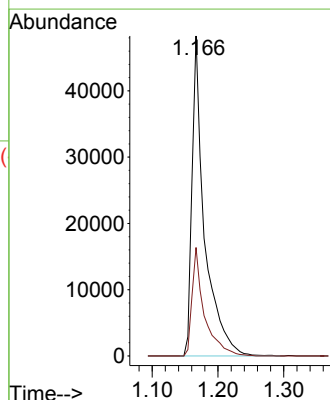
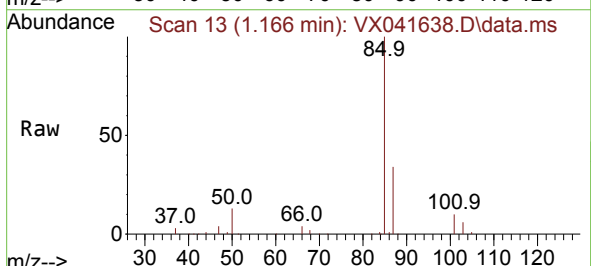
Instrument :
MSVOA_X
ClientSampleId :

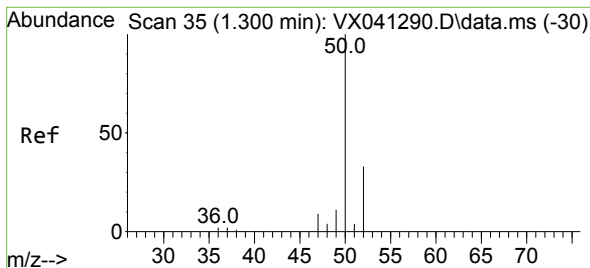
Tgt Ion:168 Resp: 151405
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 50.798 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 85 Resp: 63197
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3

Chloromethane

Concen: 47.534 ug/l

RT: 1.301 min Scan# 3

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

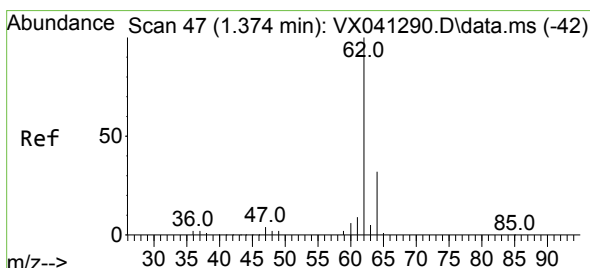
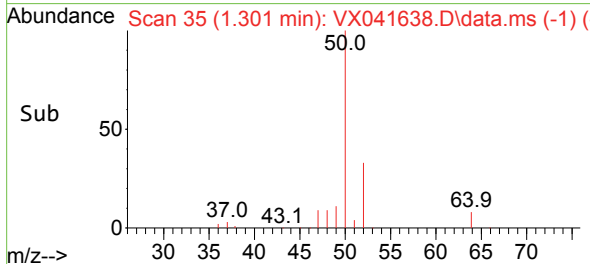
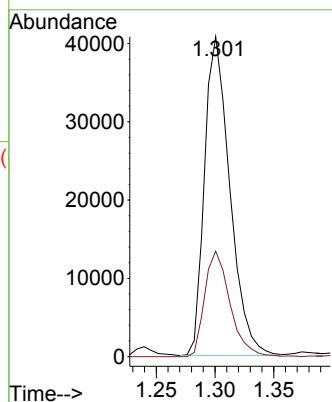
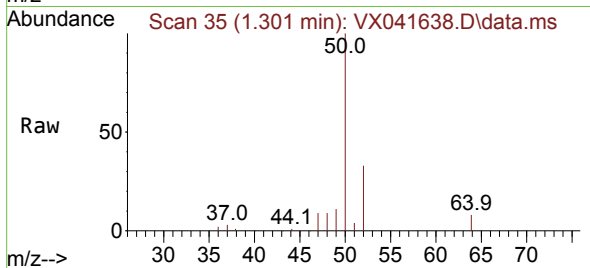
ClientSampleId :

Tgt Ion: 50 Resp: 61193

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 55.395 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041638.D

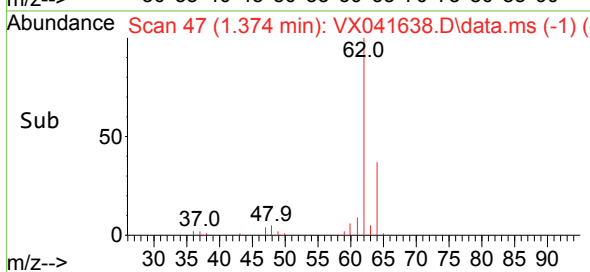
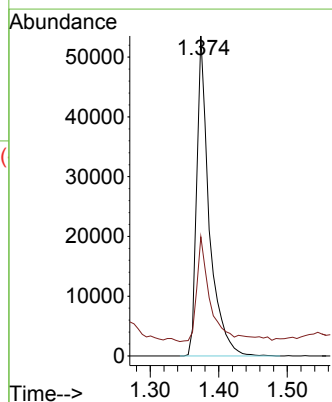
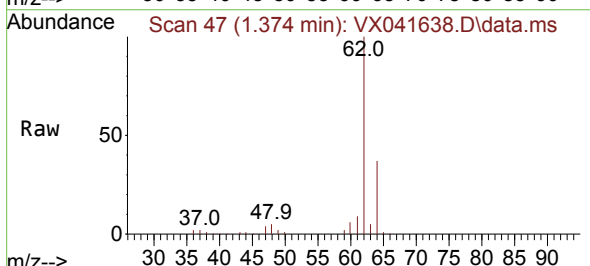
Acq: 23 May 2024 18:52

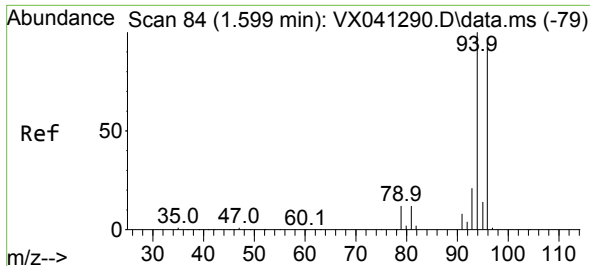
Tgt Ion: 62 Resp: 67982

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0

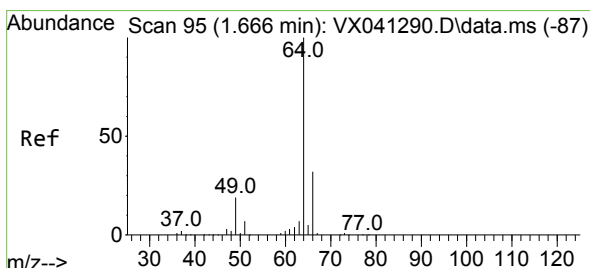
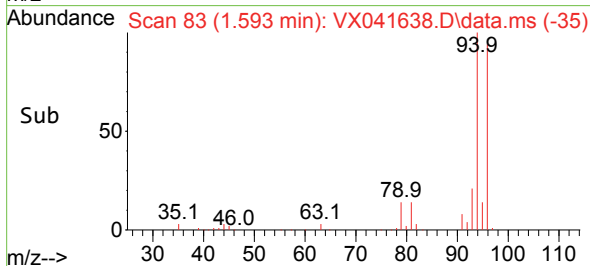
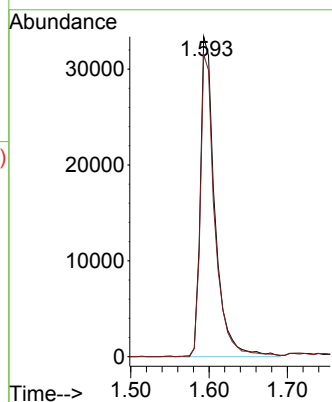
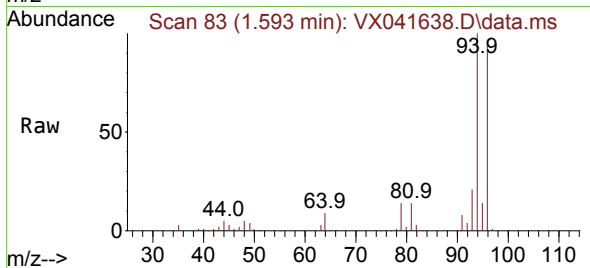




#5
Bromomethane
Concen: 56.338 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

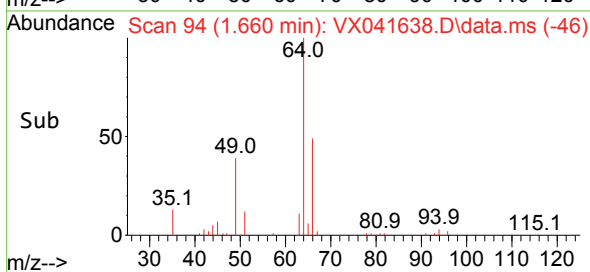
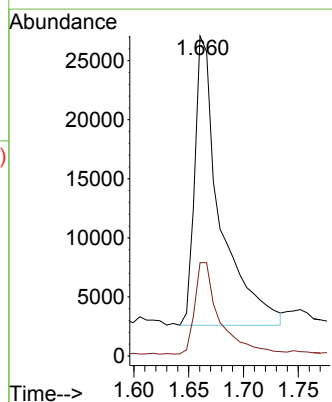
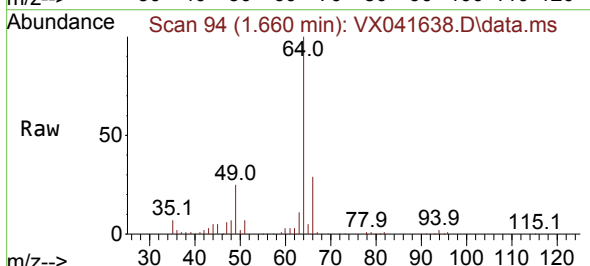
Instrument :
MSVOA_X
ClientSampleId :

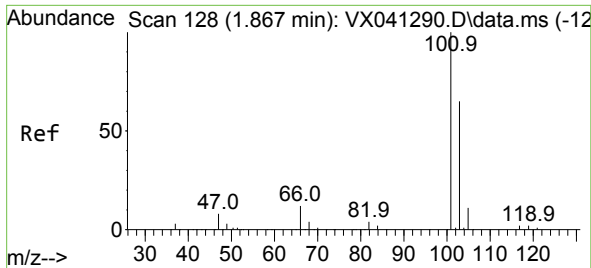
Tgt Ion: 94 Resp: 43343
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8



#6
Chloroethane
Concen: 69.114 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

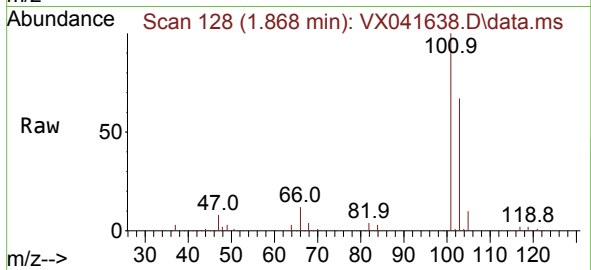
Tgt Ion: 64 Resp: 39382
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7



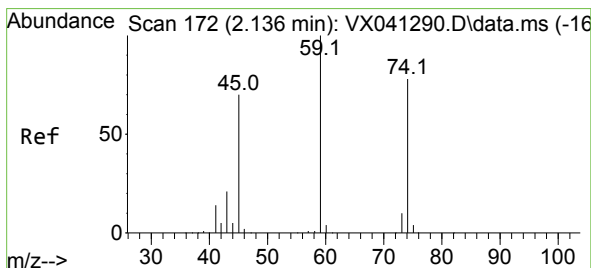
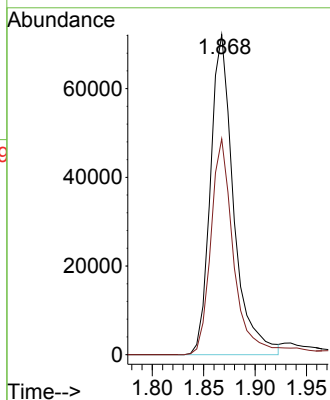
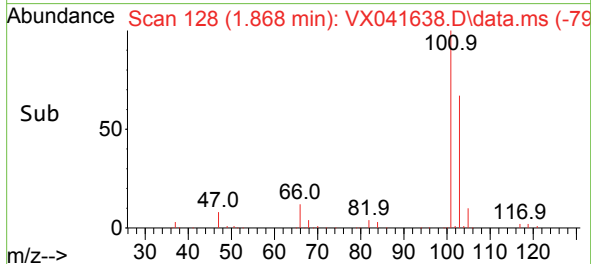


#7
 Trichlorofluoromethane
 Concen: 53.533 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

Instrument :
 MSVOA_X
 ClientSampleId :

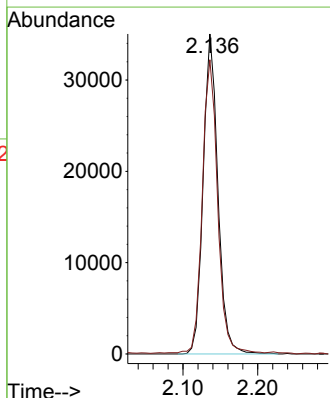
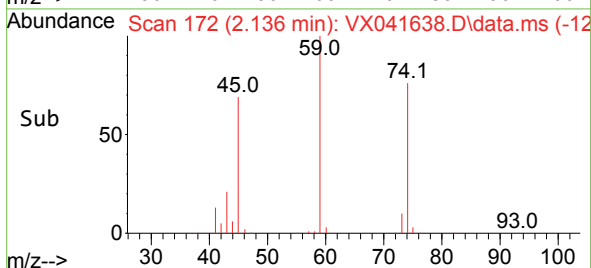
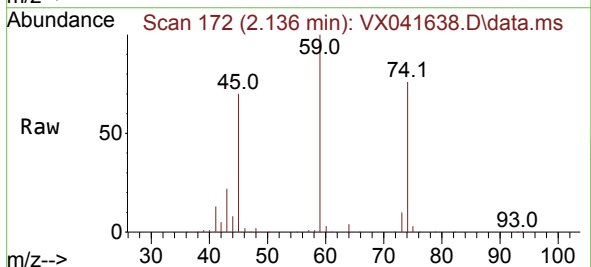


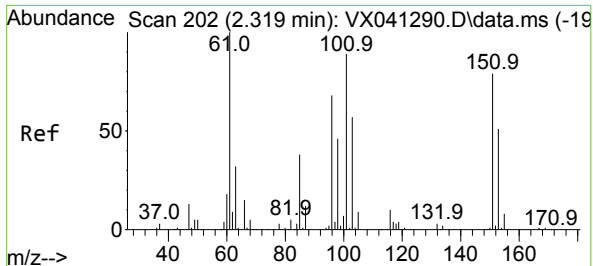
Tgt Ion:101 Resp: 113286
 Ion Ratio Lower Upper
 101 100
 103 67.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 64.218 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

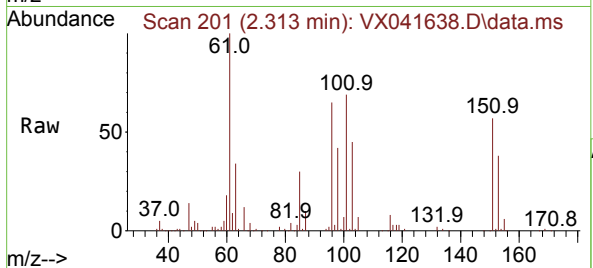
Tgt Ion: 74 Resp: 47899
 Ion Ratio Lower Upper
 74 100
 45 94.3 53.3 159.8



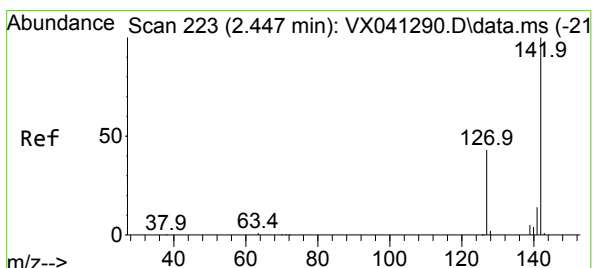
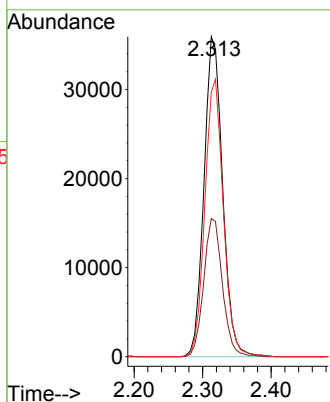
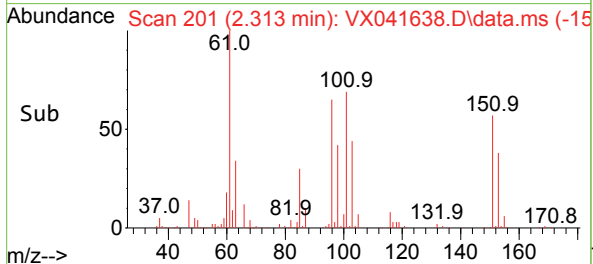


#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.281 ug/l
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

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ClientSampleId :

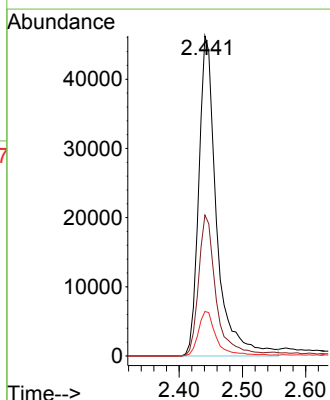
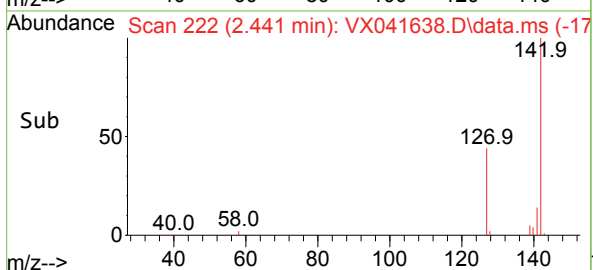
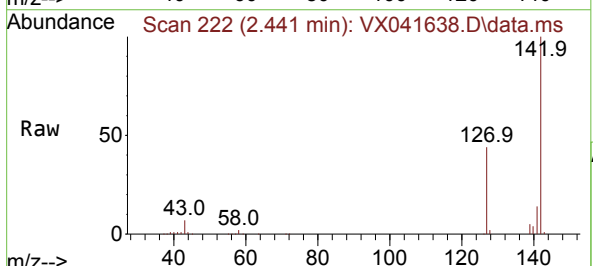


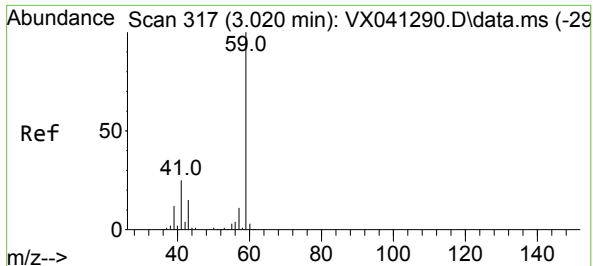
Tgt Ion:101 Resp: 68129
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 86.0 58.6 87.8



#10
Methyl Iodide
Concen: 71.196 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion:142 Resp: 91137
Ion Ratio Lower Upper
142 100
127 43.1 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 329.464 ug/l

RT: 3.002 min Scan# 317

Delta R.T. -0.018 min

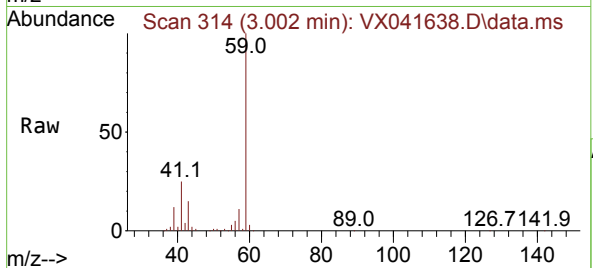
Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

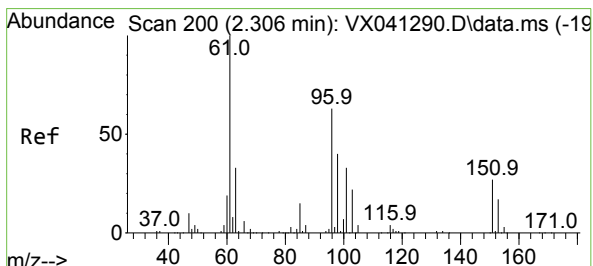
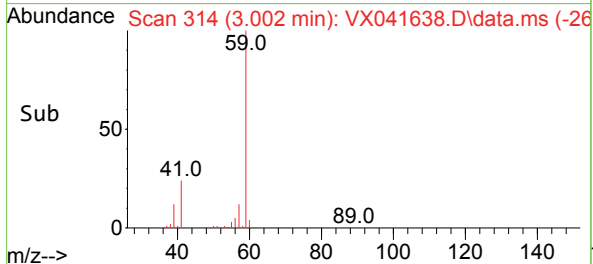
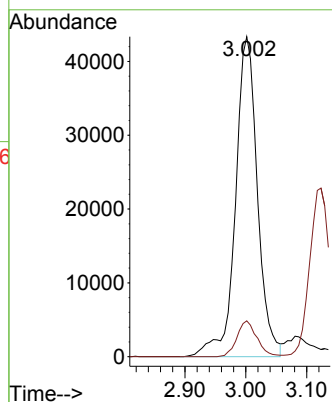


Tgt Ion: 59 Resp: 108691

Ion Ratio Lower Upper

59 100

57 10.3 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 53.343 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

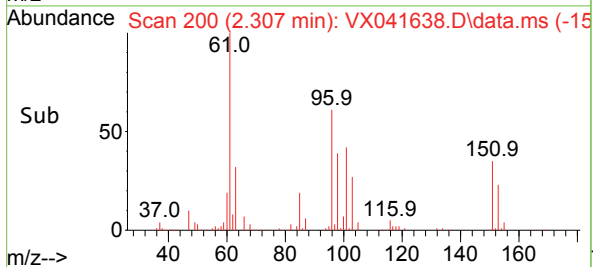
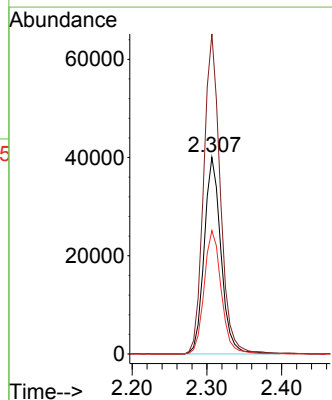
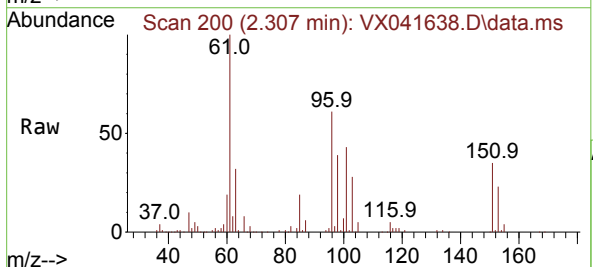
Tgt Ion: 96 Resp: 62586

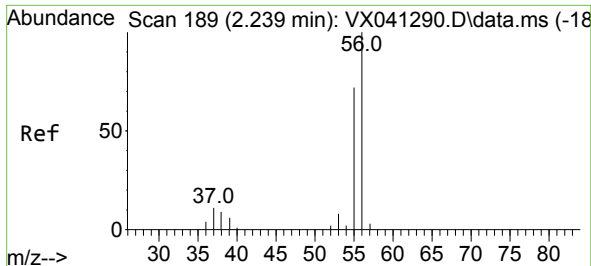
Ion Ratio Lower Upper

96 100

61 162.7 144.6 216.8

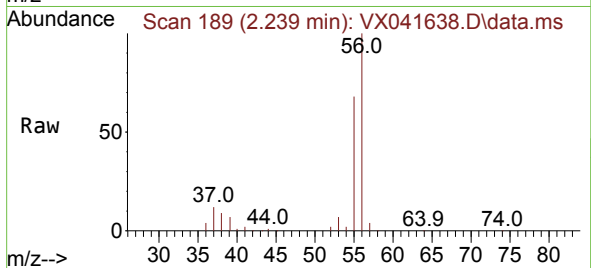
98 62.7 50.4 75.6



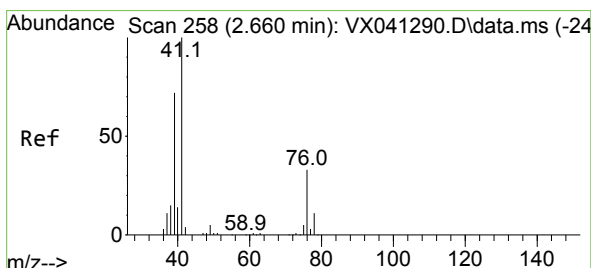
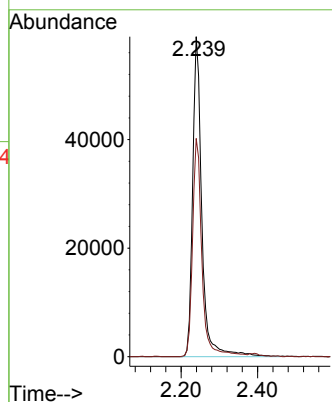
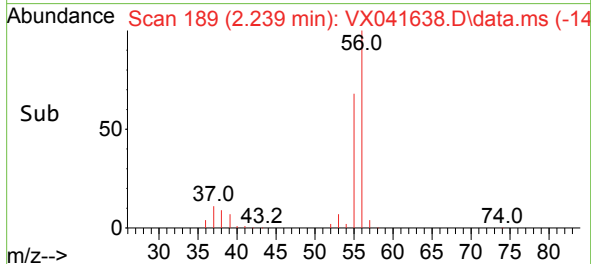


#13
Acrolein
Concen: 377.811 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :

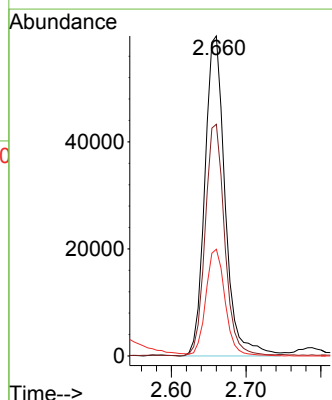
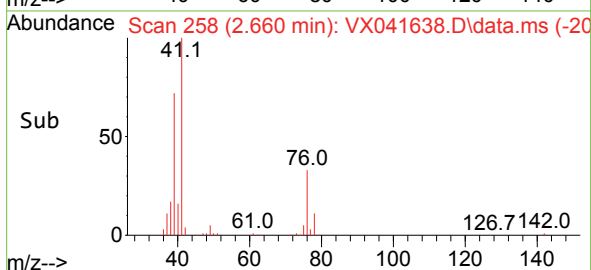
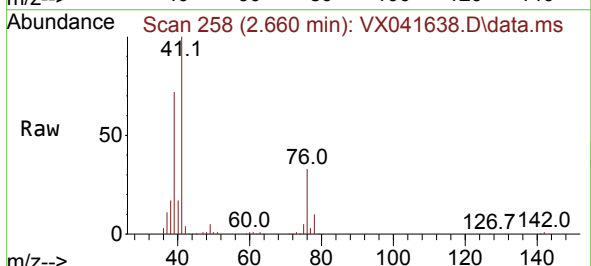


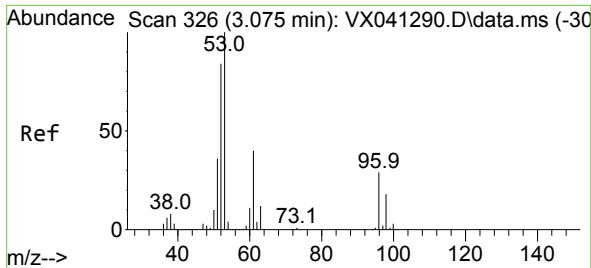
Tgt Ion: 56 Resp: 98880
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7



#14
Allyl chloride
Concen: 57.373 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

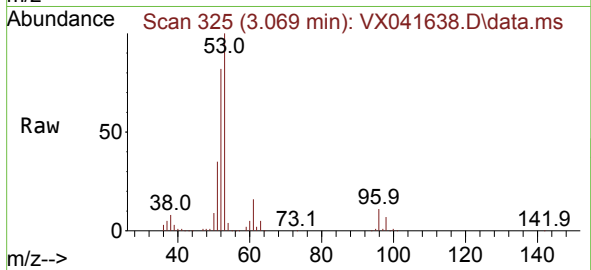
Tgt Ion: 41 Resp: 113092
Ion Ratio Lower Upper
41 100
39 69.5 55.8 83.6
76 31.7 24.3 36.5



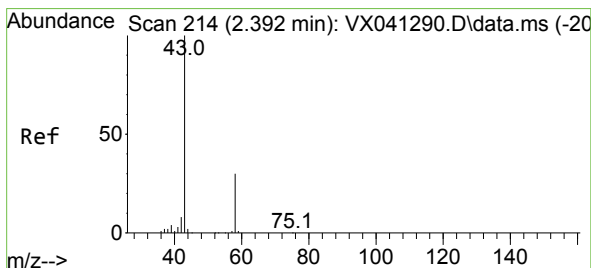
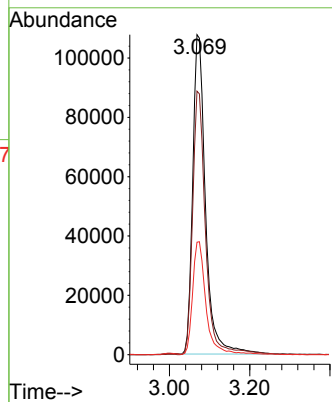
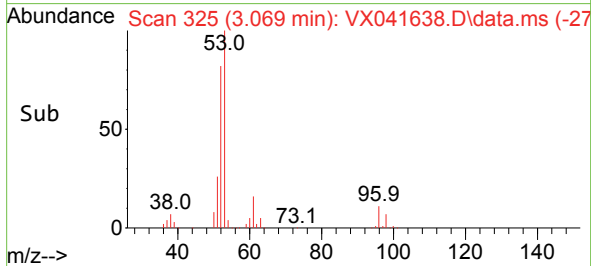


#15
Acrylonitrile
Concen: 318.031 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :

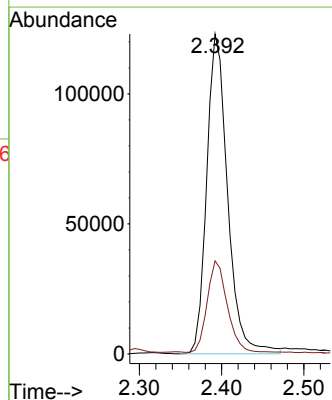
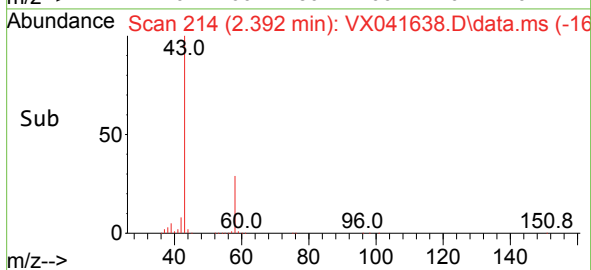
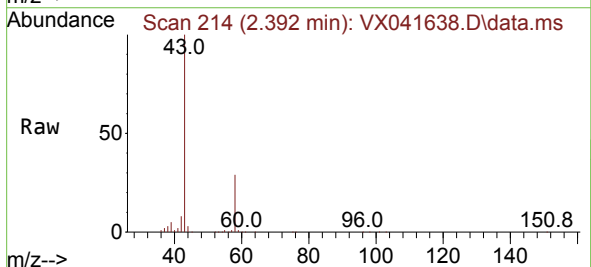


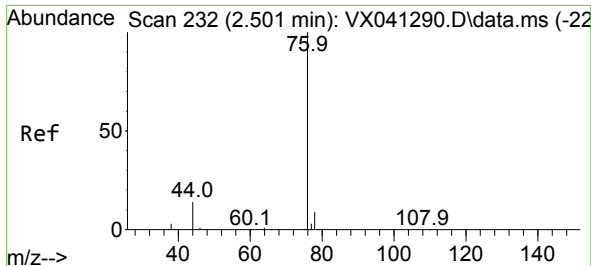
Tgt Ion: 53 Resp: 239457
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.5 29.8 44.6



#16
Acetone
Concen: 299.673 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 43 Resp: 216948
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9





#17

Carbon Disulfide

Concen: 38.851 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

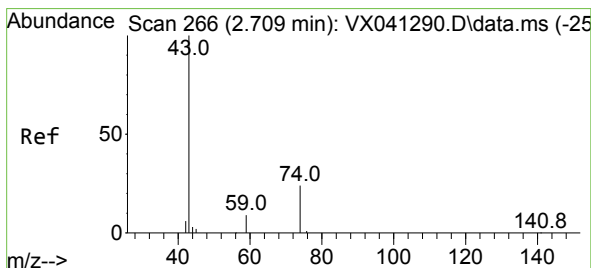
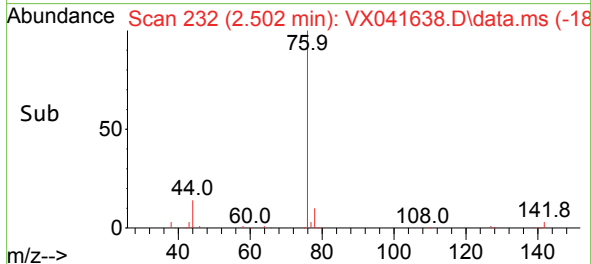
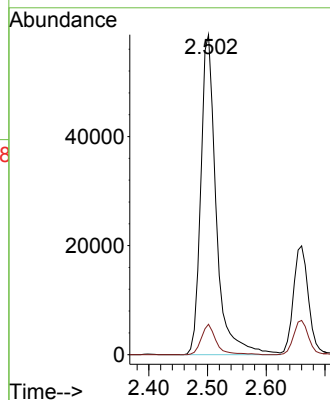
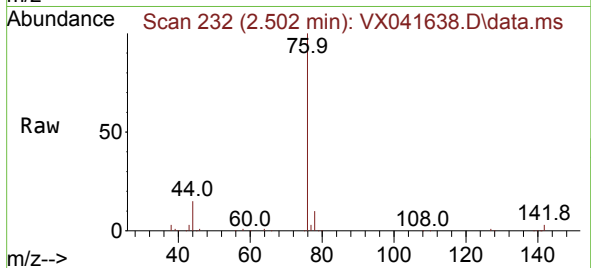
ClientSampleId :

Tgt Ion: 76 Resp: 107151

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 69.959 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041638.D

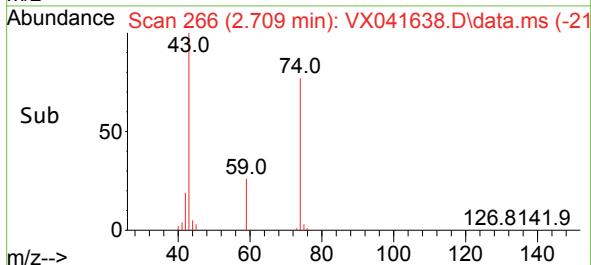
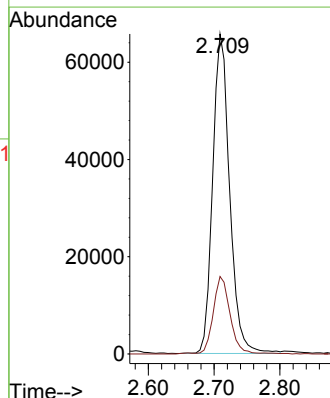
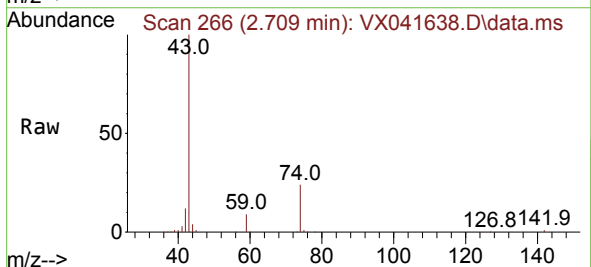
Acq: 23 May 2024 18:52

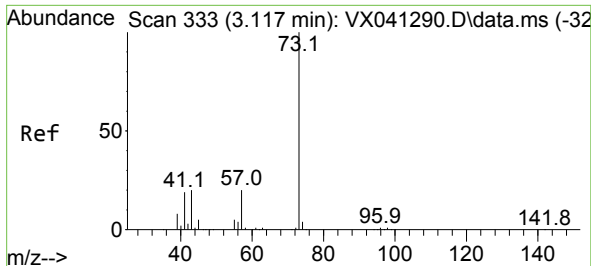
Tgt Ion: 43 Resp: 117975

Ion Ratio Lower Upper

43 100

74 24.2 17.8 26.8

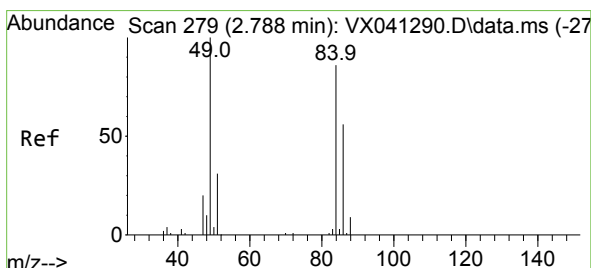
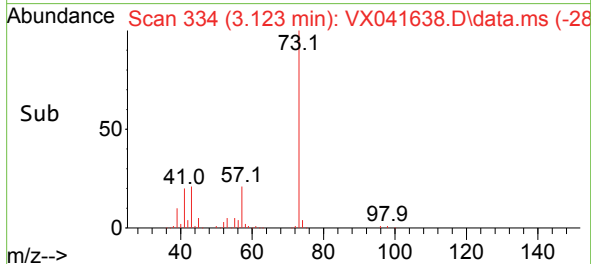
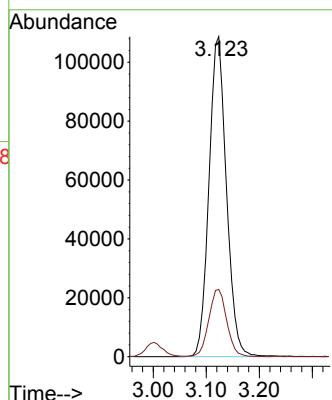
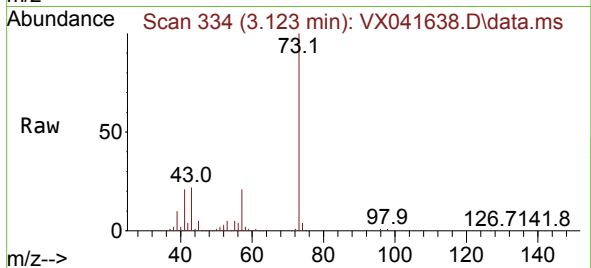




#19
Methyl tert-butyl Ether
Concen: 58.058 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

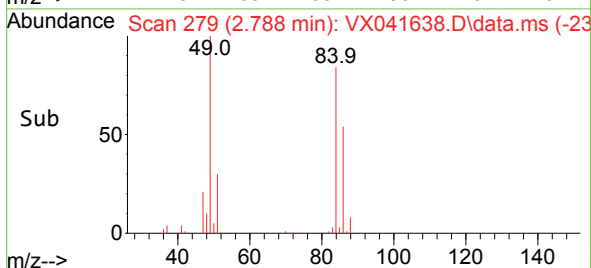
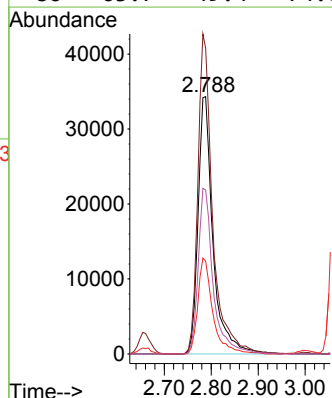
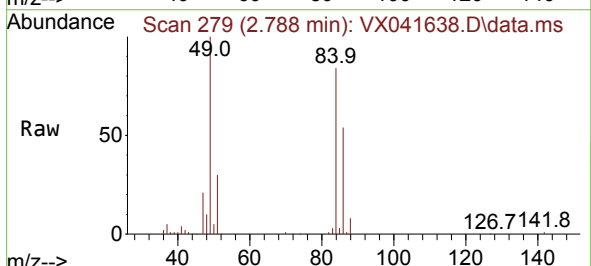
Instrument :
MSVOA_X
ClientSampleId :

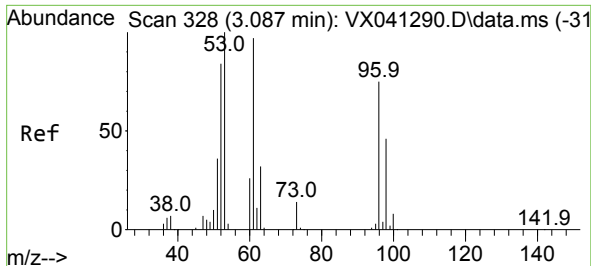
Tgt Ion: 73 Resp: 248314
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 53.260 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

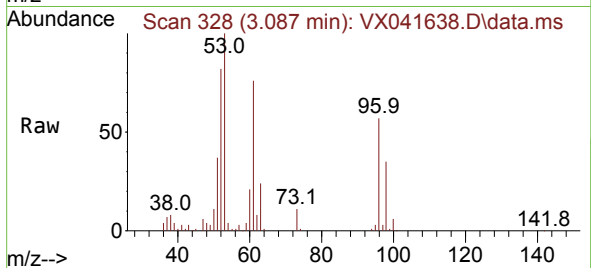
Tgt Ion: 84 Resp: 76210
Ion Ratio Lower Upper
84 100
49 118.9 103.6 155.4
51 36.1 33.8 50.6
86 63.7 49.4 74.0



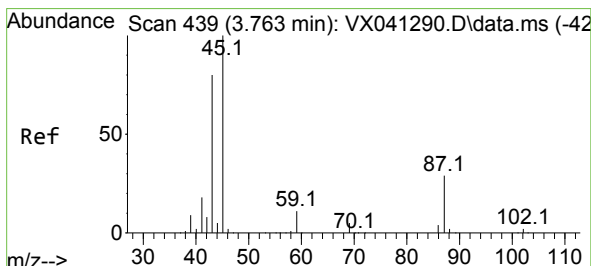
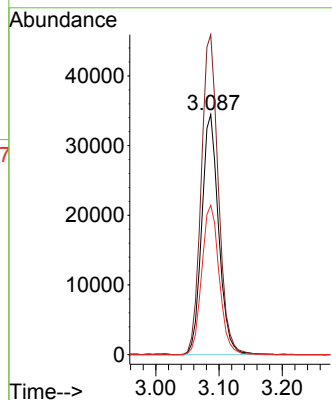
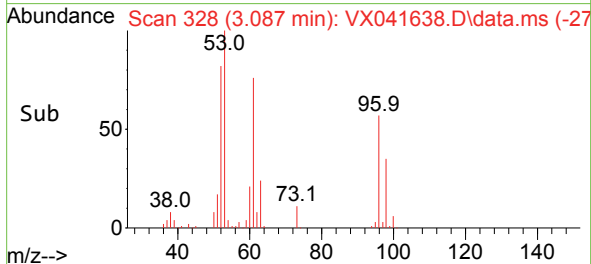


#21
trans-1,2-Dichloroethene
Concen: 48.962 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

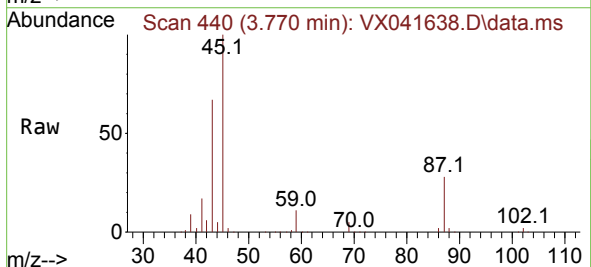
Instrument :
MSVOA_X
ClientSampleId :



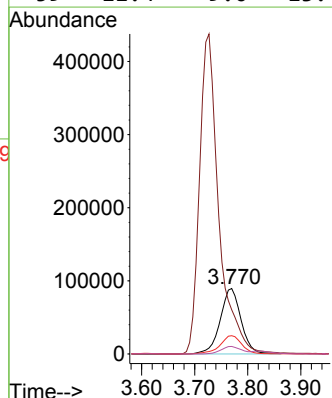
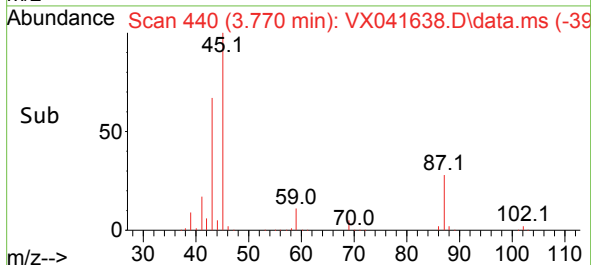
Tgt Ion: 96 Resp: 64198
Ion Ratio Lower Upper
96 100
61 133.2 119.2 178.8
98 62.2 48.7 73.1

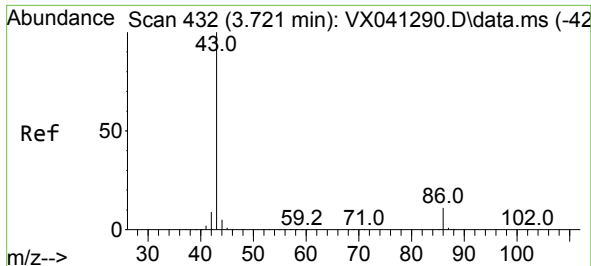


#22
Diisopropyl ether
Concen: 58.406 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52



Tgt Ion: 45 Resp: 243996
Ion Ratio Lower Upper
45 100
43 67.3 69.7 104.5#
87 27.8 20.8 31.2
59 11.4 9.0 13.4

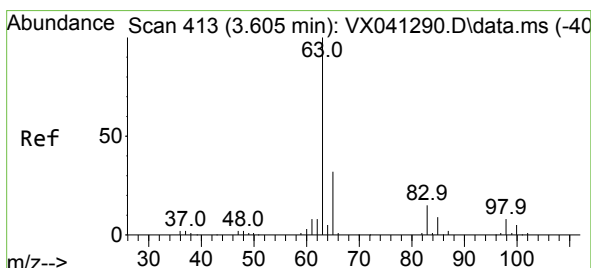
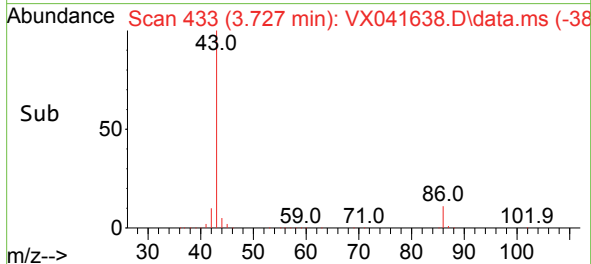
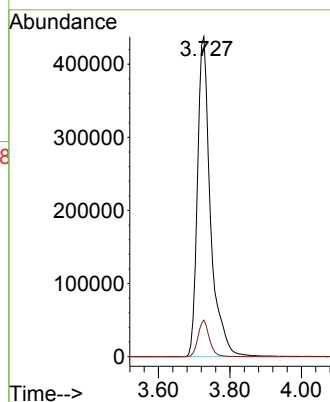
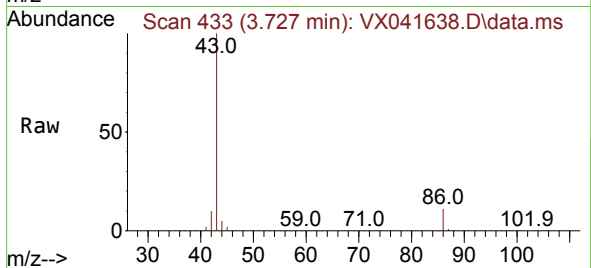




#23
 Vinyl Acetate
 Concen: 296.391 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

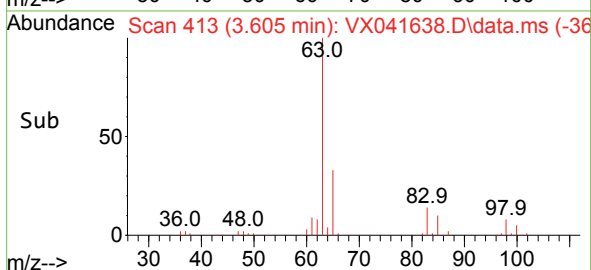
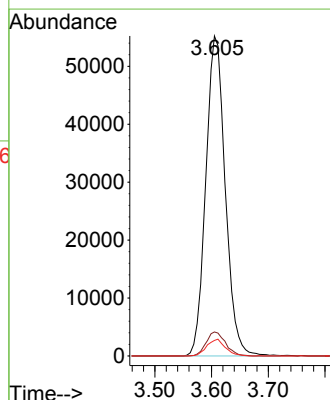
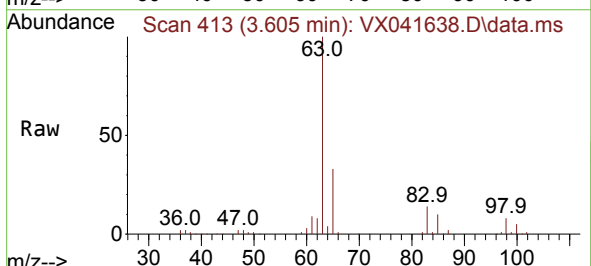
Instrument :
 MSVOA_X
 ClientSampleId :

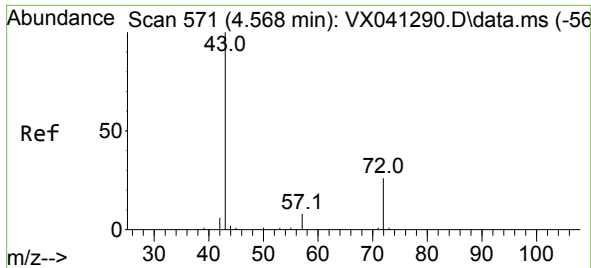
Tgt Ion: 43 Resp: 1107601
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 55.858 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

Tgt Ion: 63 Resp: 131832
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.9 2.1 6.5

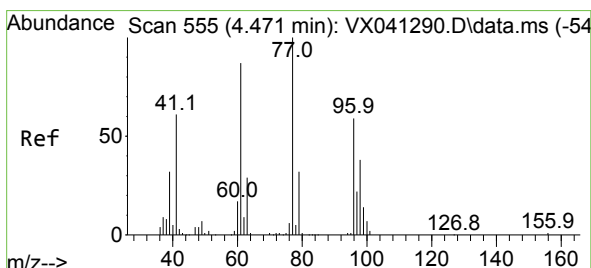
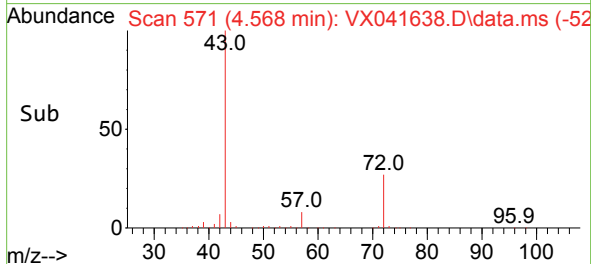
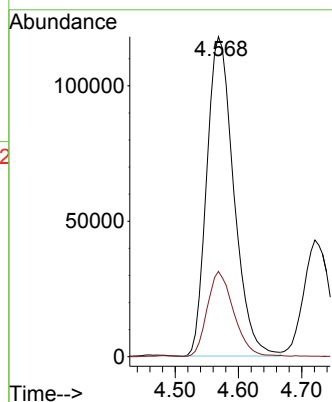
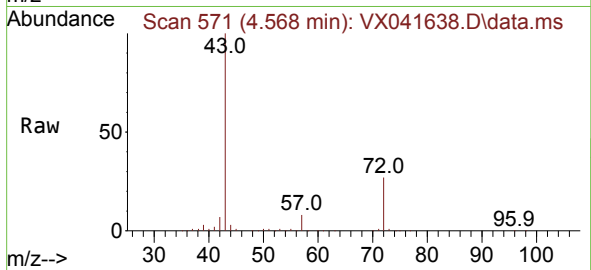




#25
2-Butanone
Concen: 328.213 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

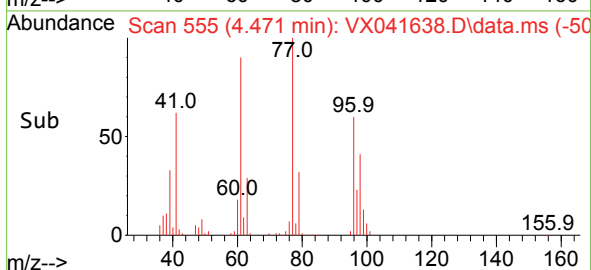
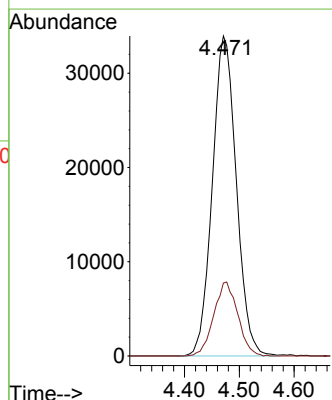
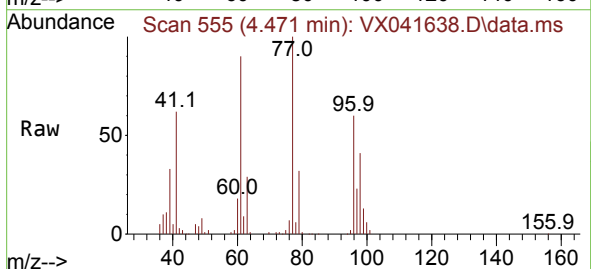
Instrument :
MSVOA_X
ClientSampleId :

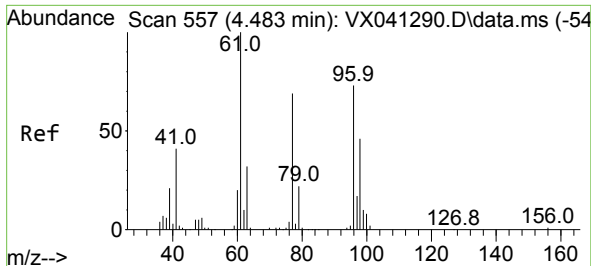
Tgt Ion: 43 Resp: 350135
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 52.206 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 77 Resp: 103018
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 55.806 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

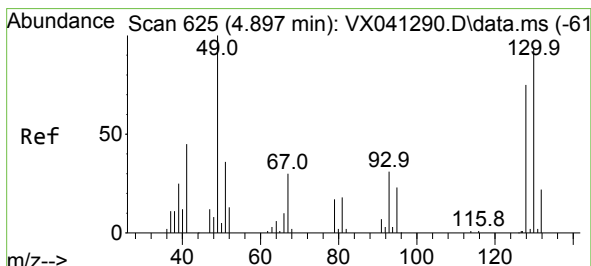
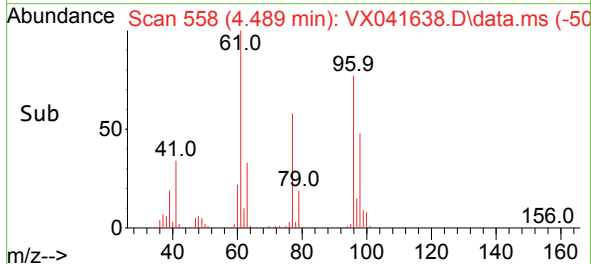
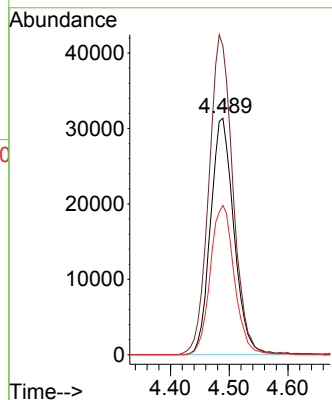
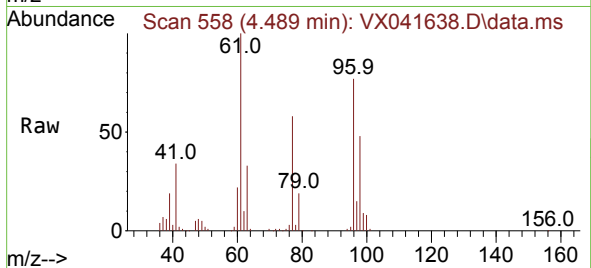
Tgt Ion: 96 Resp: 86637

Ion Ratio Lower Upper

96 100

61 138.6 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 57.816 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

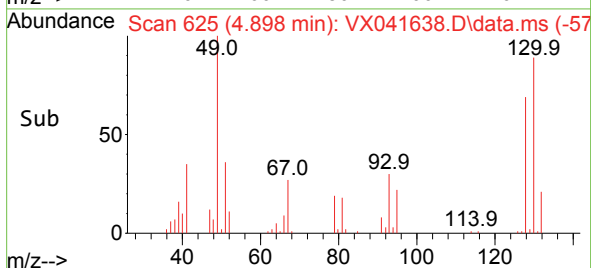
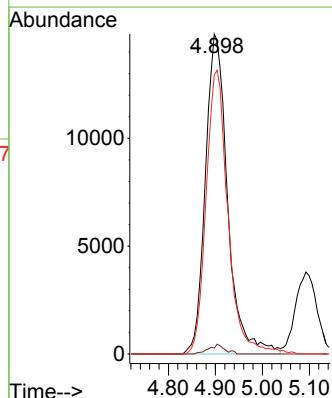
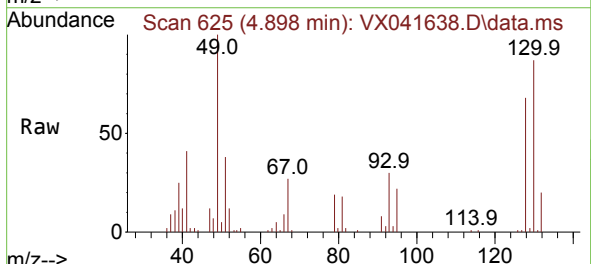
Tgt Ion: 49 Resp: 48698

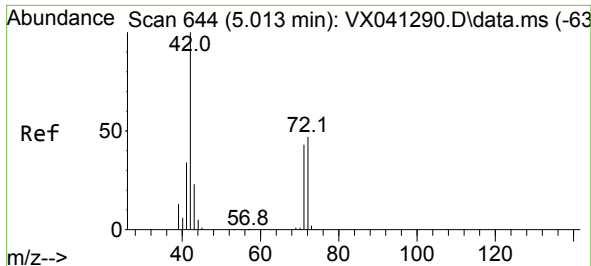
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 87.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 315.503 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

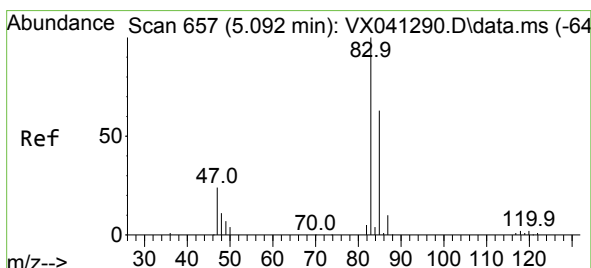
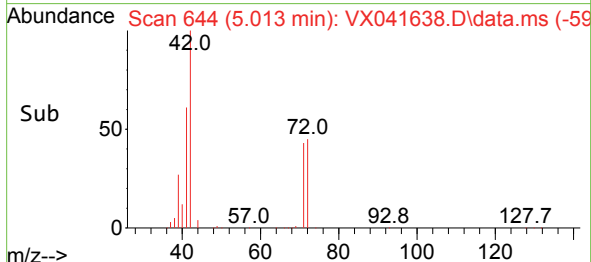
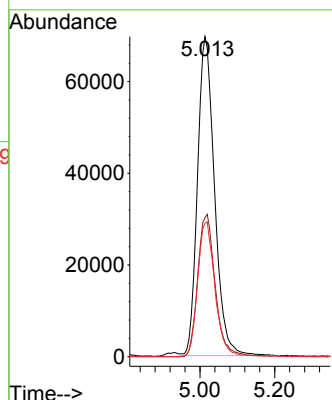
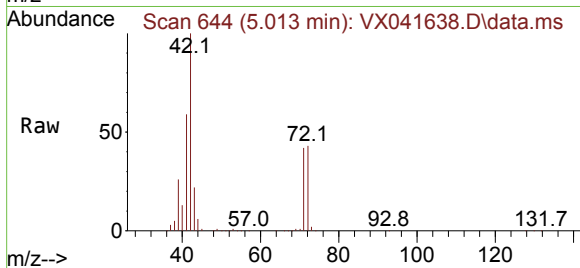
Tgt Ion: 42 Resp: 220120

Ion Ratio Lower Upper

42 100

72 45.8 34.2 51.4

71 42.8 32.2 48.2



#30

Chloroform

Concen: 58.476 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041638.D

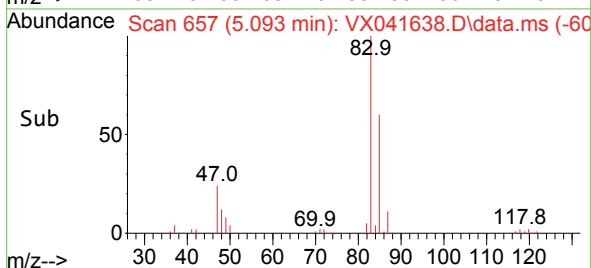
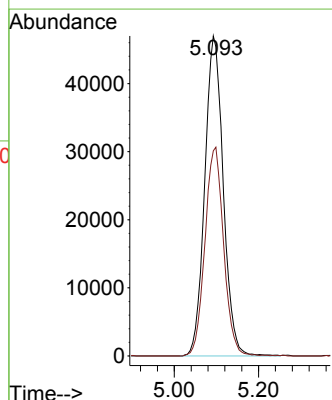
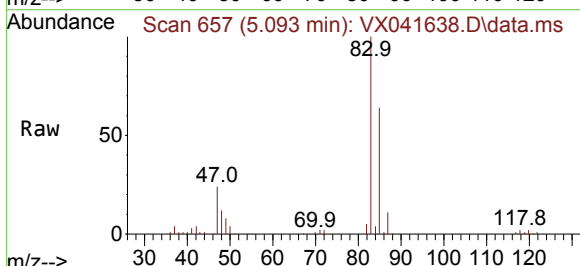
Acq: 23 May 2024 18:52

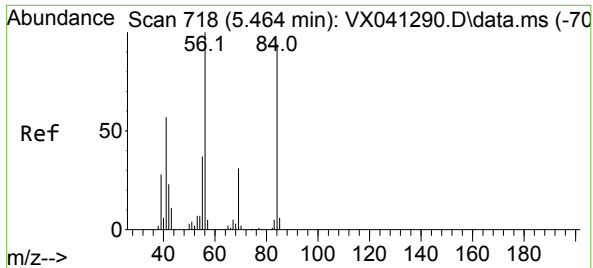
Tgt Ion: 83 Resp: 143581

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

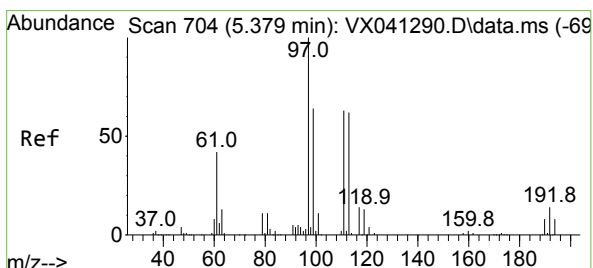
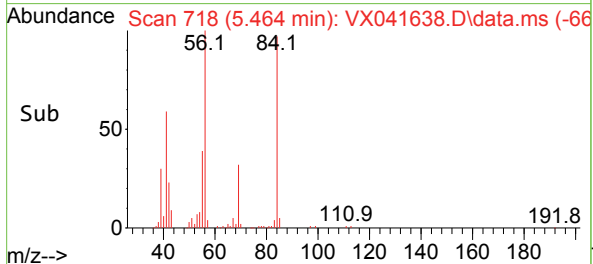
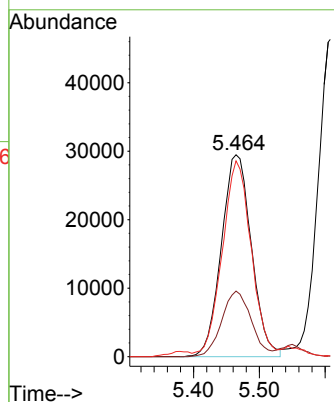
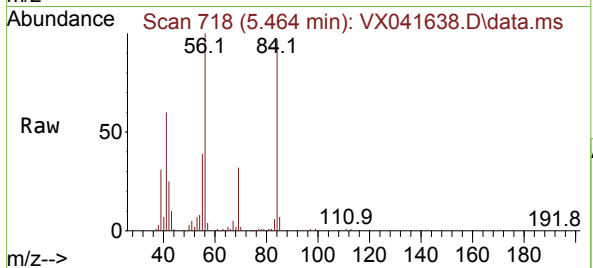




#31
Cyclohexane
Concen: 47.100 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

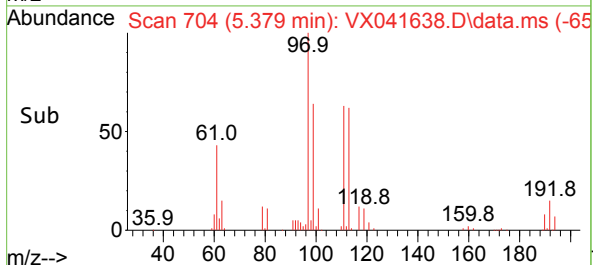
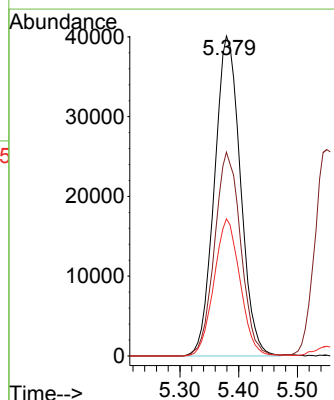
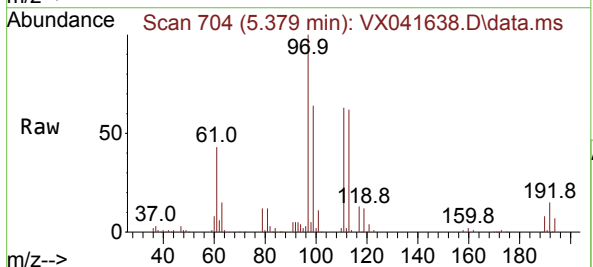
Instrument :
MSVOA_X
ClientSampleId :

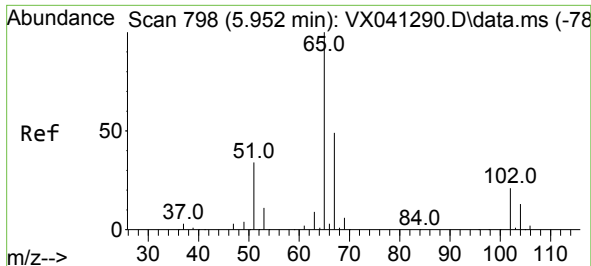
Tgt Ion: 56 Resp: 93696
Ion Ratio Lower Upper
56 100
69 32.5 23.4 35.2
84 94.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 55.183 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 97 Resp: 123275
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 59.473 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

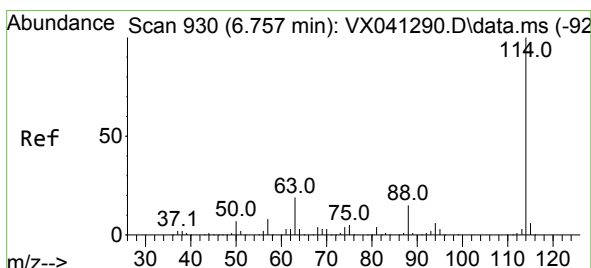
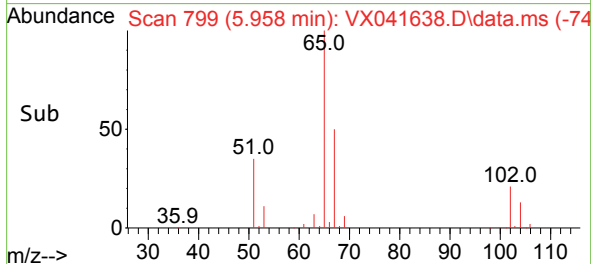
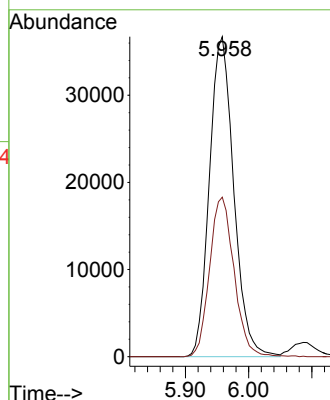
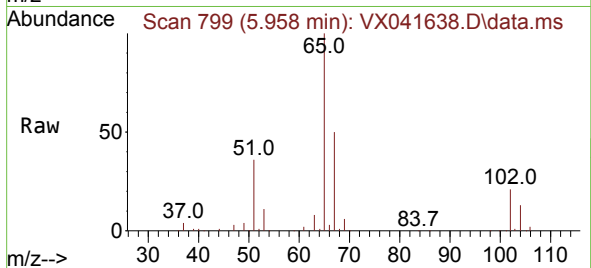
ClientSampleId :

Tgt Ion: 65 Resp: 98026

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

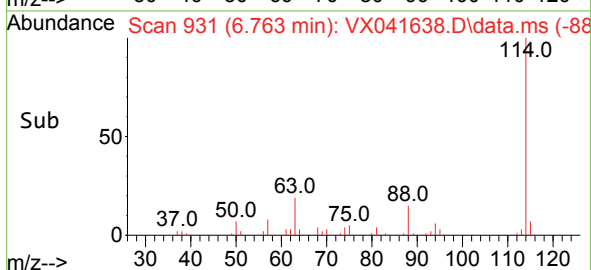
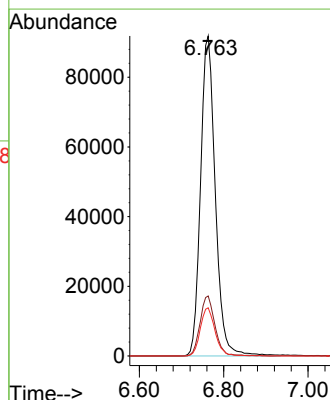
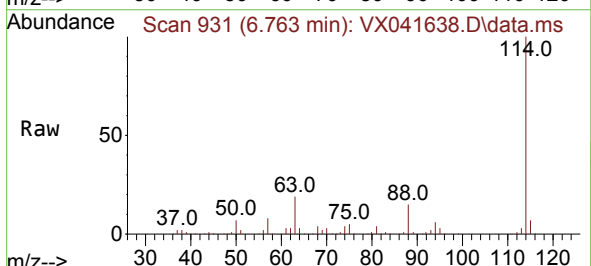
Tgt Ion: 114 Resp: 223696

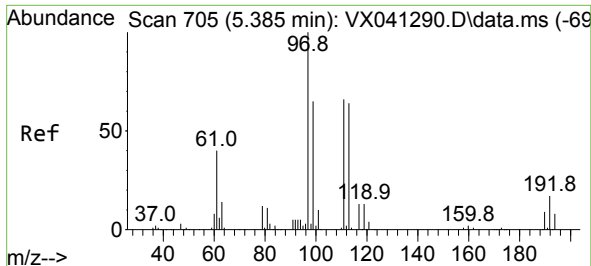
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 15.0 0.0 36.6

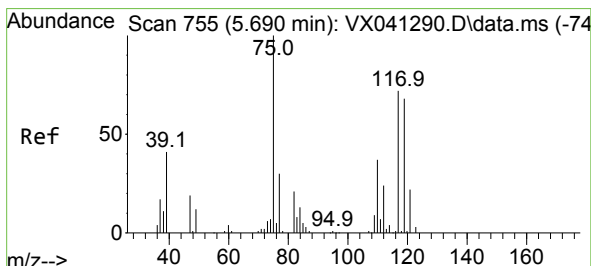
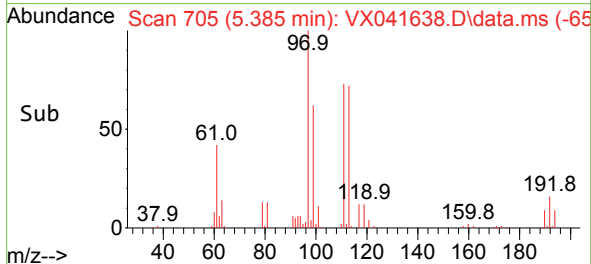
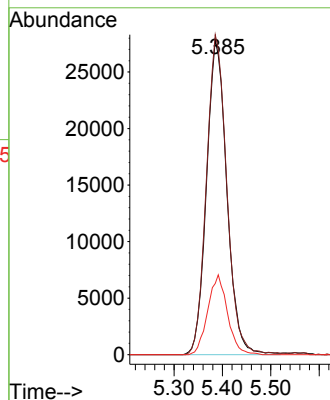
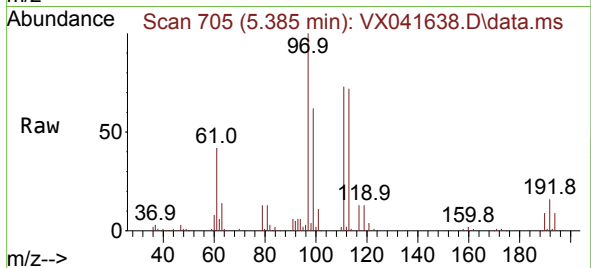




#35
Dibromofluoromethane
Concen: 53.497 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

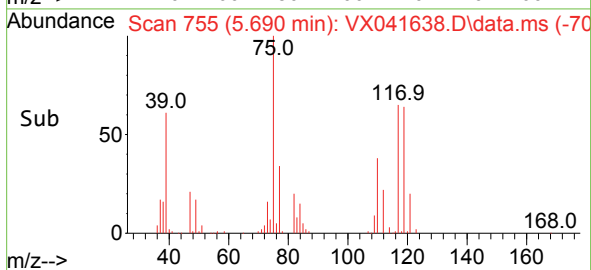
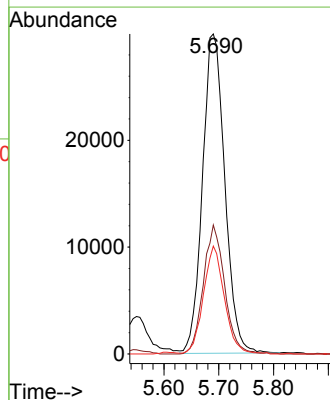
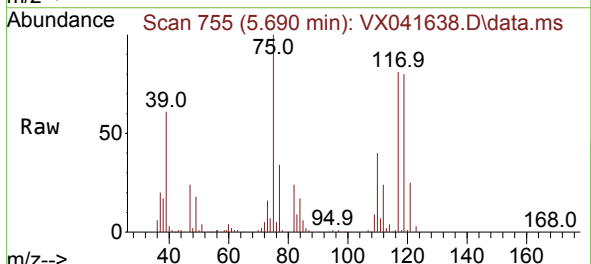
Instrument :
MSVOA_X
ClientSampleId :

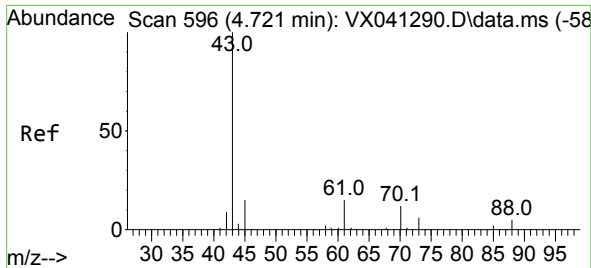
Tgt Ion:113 Resp: 81098
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 24.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 46.658 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 75 Resp: 84576
Ion Ratio Lower Upper
75 100
110 38.6 17.0 50.9
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 56.702 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

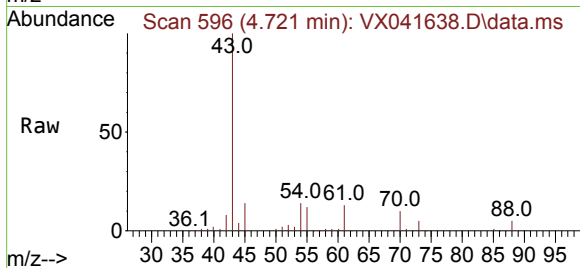
Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :



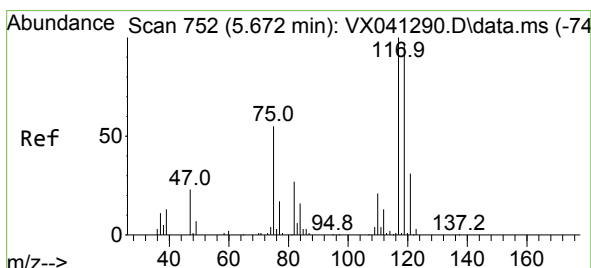
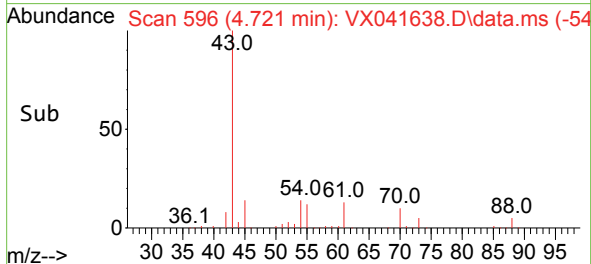
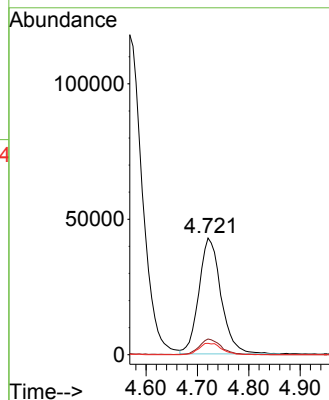
Tgt Ion: 43 Resp: 128247

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 10.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.076 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

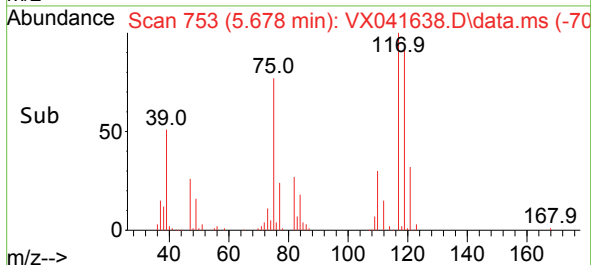
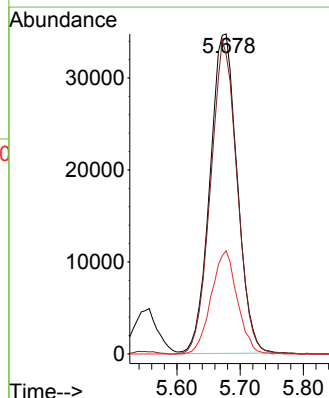
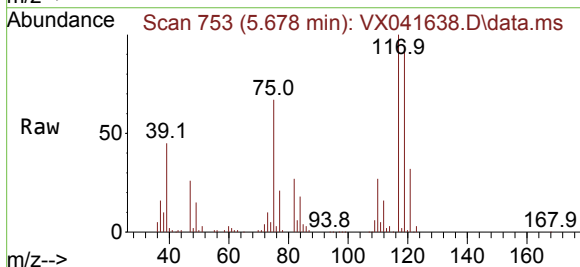
Tgt Ion: 117 Resp: 103986

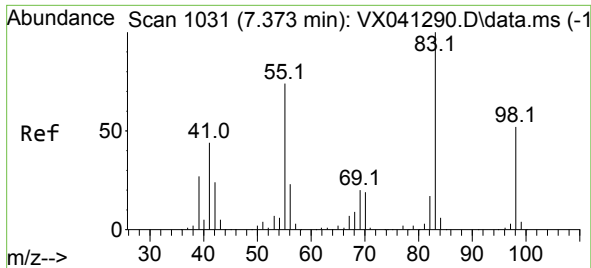
Ion Ratio Lower Upper

117 100

119 93.6 78.2 117.2

121 32.3 24.4 36.6

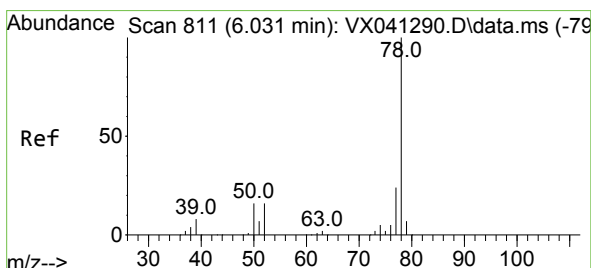
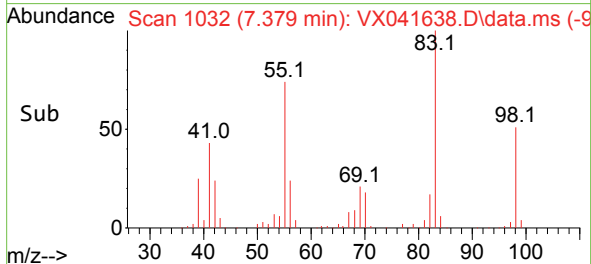
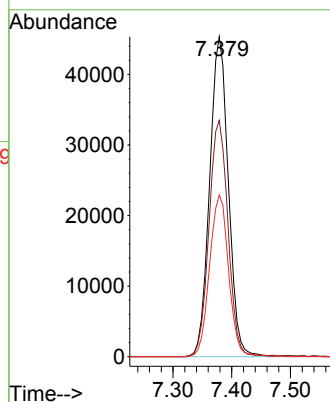
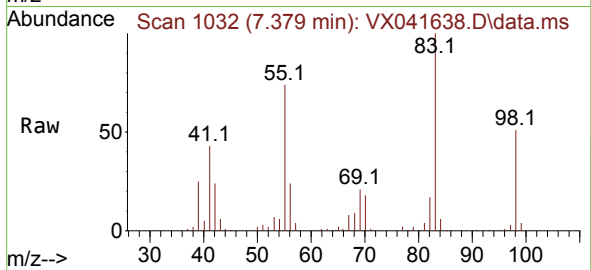




#39
Methylcyclohexane
Concen: 47.178 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

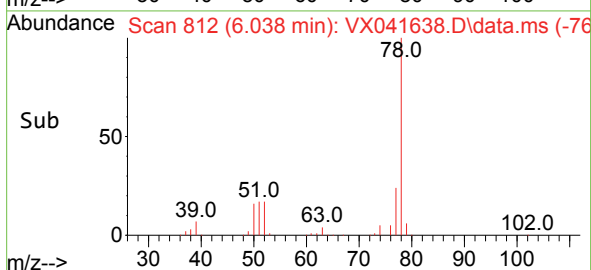
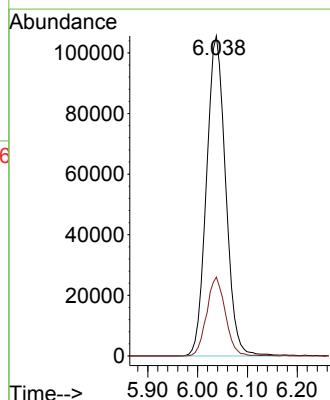
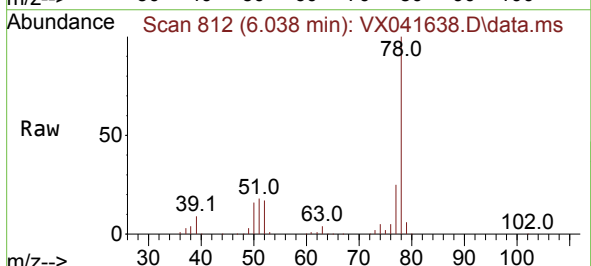
Instrument :
MSVOA_X
ClientSampleId :

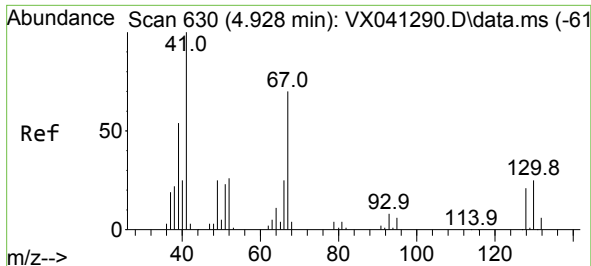
Tgt Ion: 83 Resp: 100468
Ion Ratio Lower Upper
83 100
55 73.9 64.6 97.0
98 50.6 36.7 55.1



#40
Benzene
Concen: 50.378 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

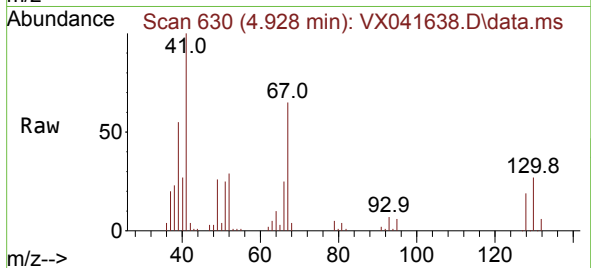
Tgt Ion: 78 Resp: 281514
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9



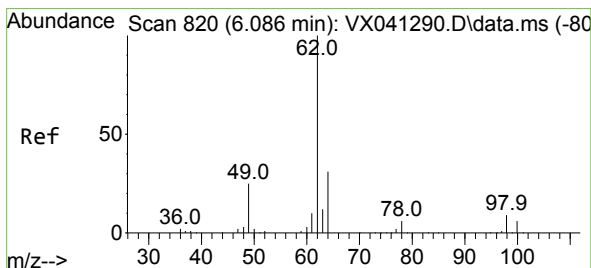
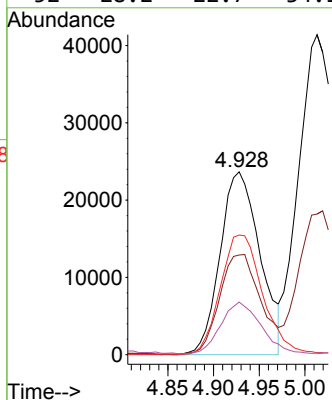
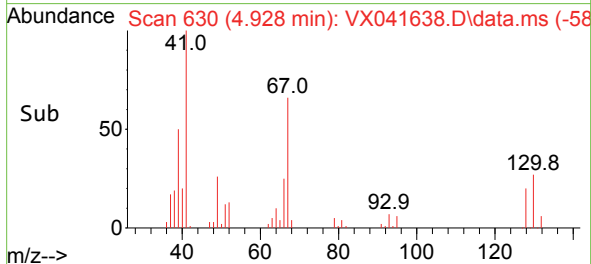


#41
Methacrylonitrile
Concen: 61.865 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :

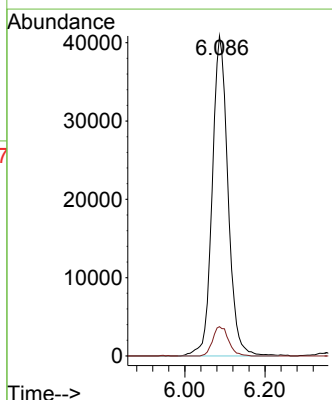
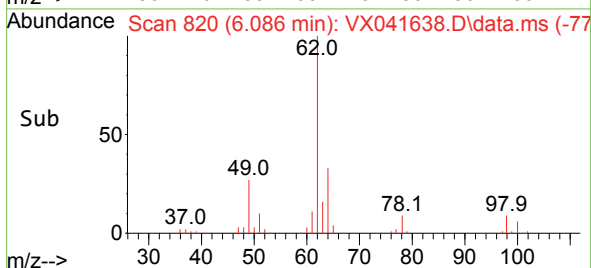
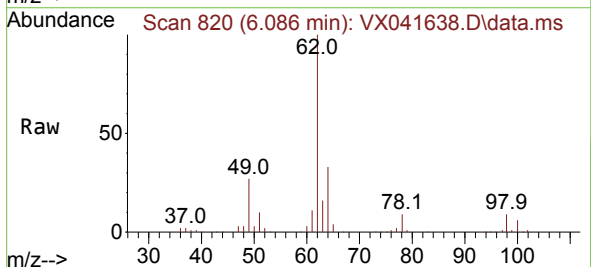


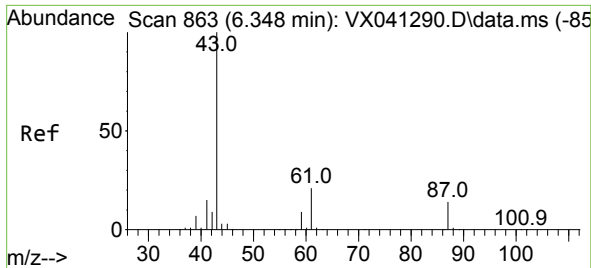
Tgt Ion:	41	Resp:	72016
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.2	67.8
67	69.8	52.6	78.8
52	28.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.476 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion:	62	Resp:	111564
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 58.008 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

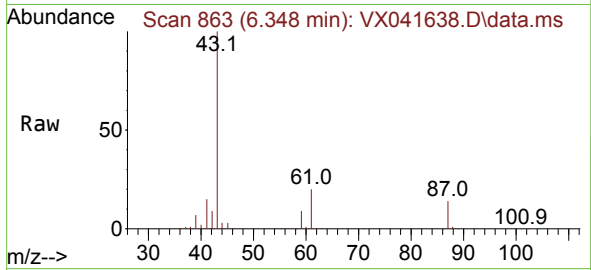
Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :



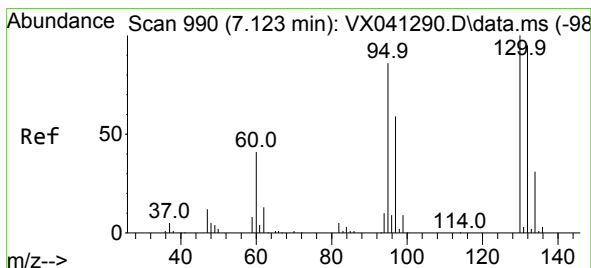
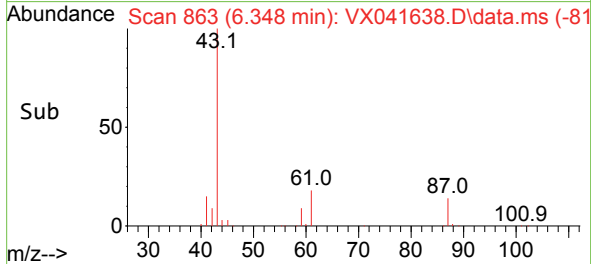
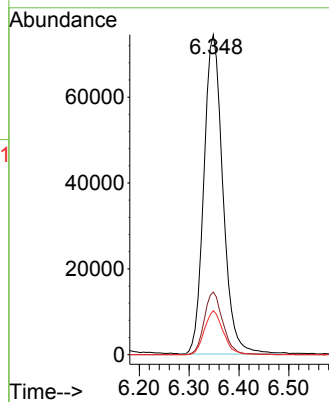
Tgt Ion: 43 Resp: 197264

Ion Ratio Lower Upper

43 100

61 19.3 15.2 22.8

87 13.6 9.8 14.6



#44

Trichloroethene

Concen: 52.085 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041638.D

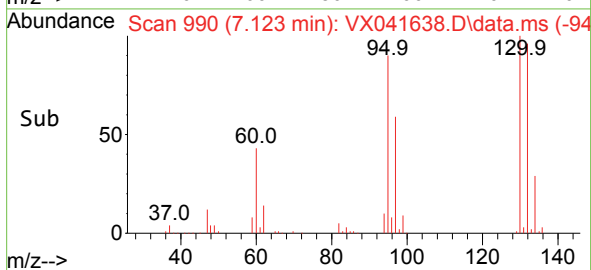
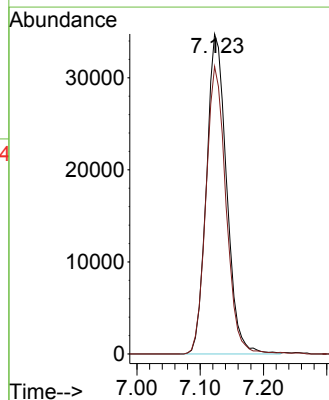
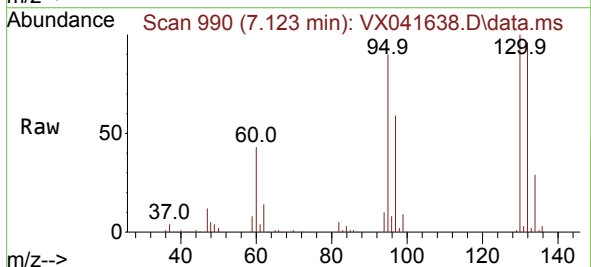
Acq: 23 May 2024 18:52

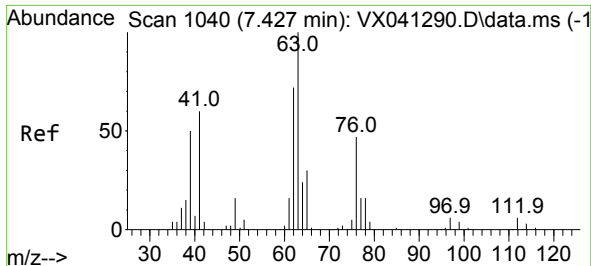
Tgt Ion:130 Resp: 76855

Ion Ratio Lower Upper

130 100

95 89.9 0.0 204.4

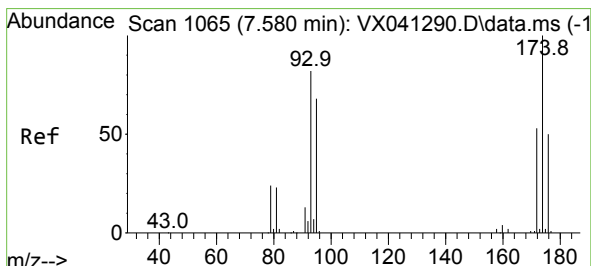
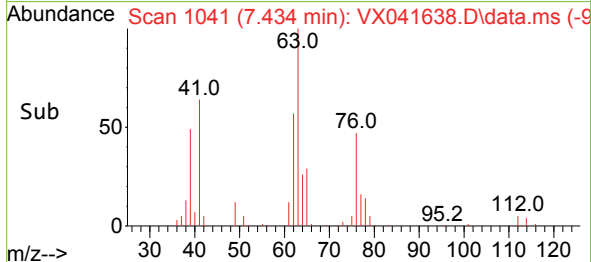
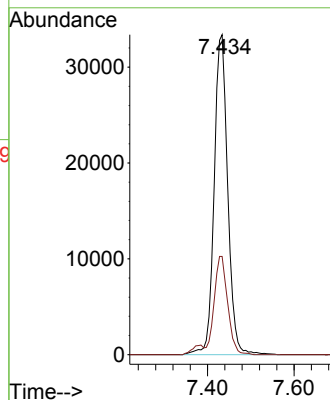
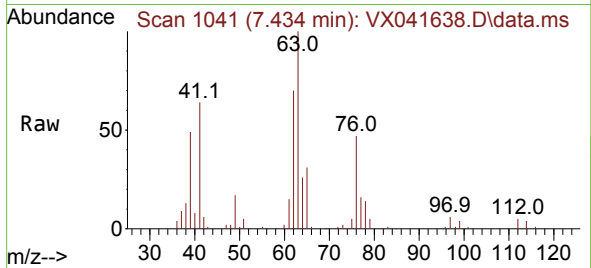




#45
1,2-Dichloropropane
Concen: 58.155 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

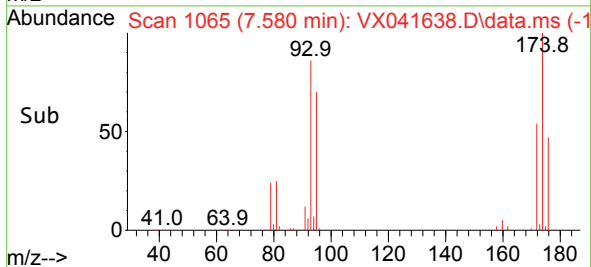
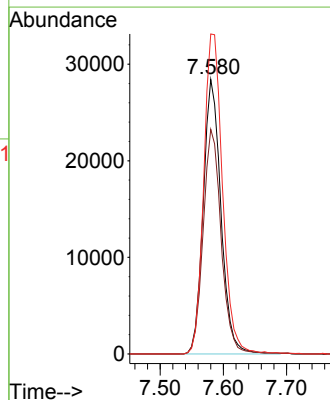
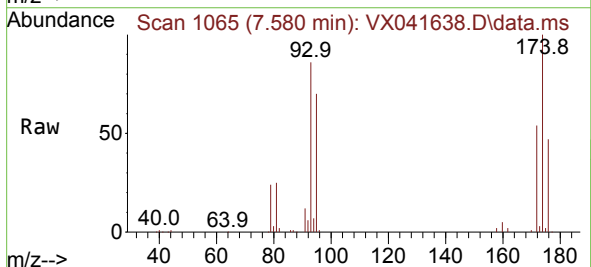
Instrument :
MSVOA_X
ClientSampleId :

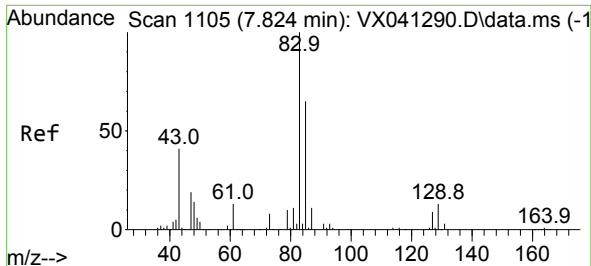
Tgt Ion: 63 Resp: 72607
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5



#46
Dibromomethane
Concen: 55.919 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

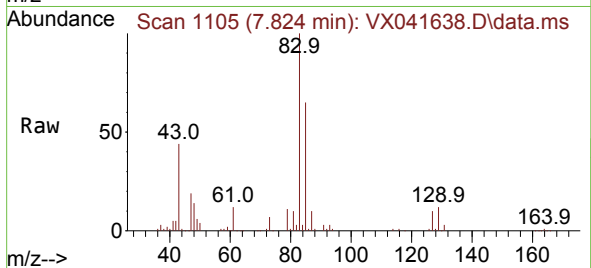
Tgt Ion: 93 Resp: 55578
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 123.7 69.4 104.0#



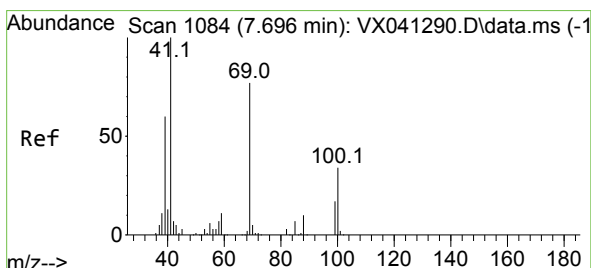
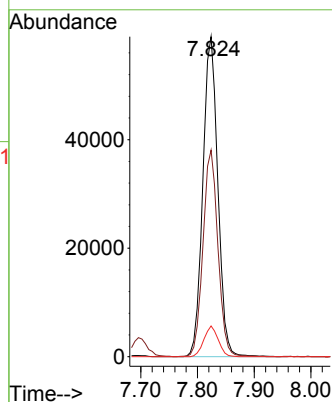
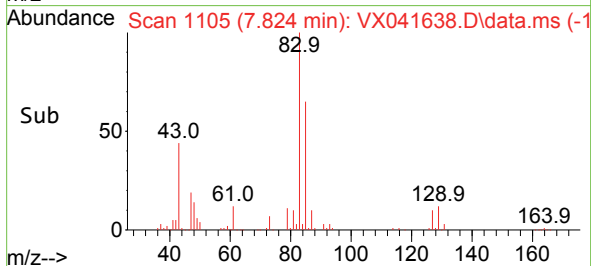


#47
Bromodichloromethane
Concen: 61.121 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Instrument :
MSVOA_X
ClientSampleId :

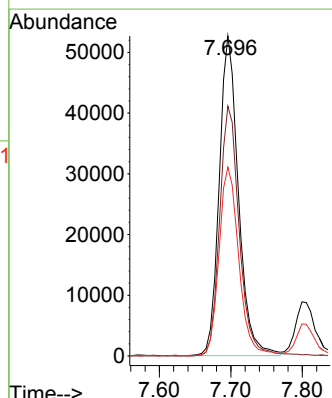
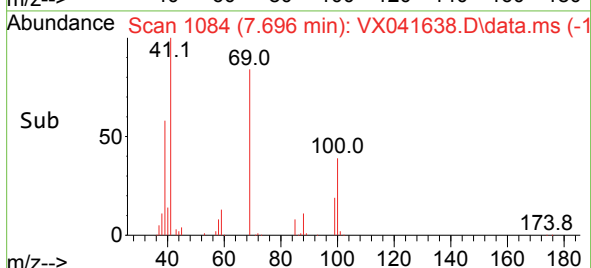
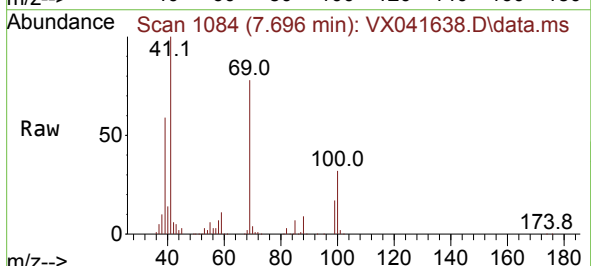


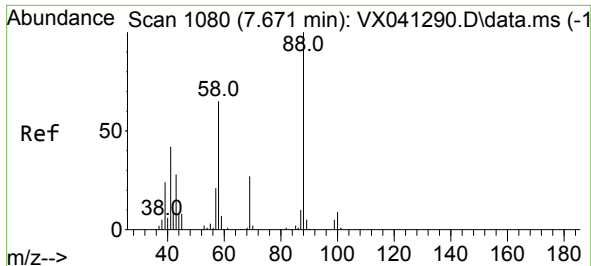
Tgt Ion: 83 Resp: 108254
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 62.970 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 41 Resp: 98164
Ion Ratio Lower Upper
41 100
69 80.2 59.2 88.8
39 61.0 47.7 71.5

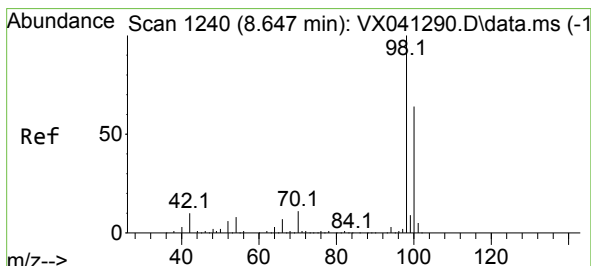
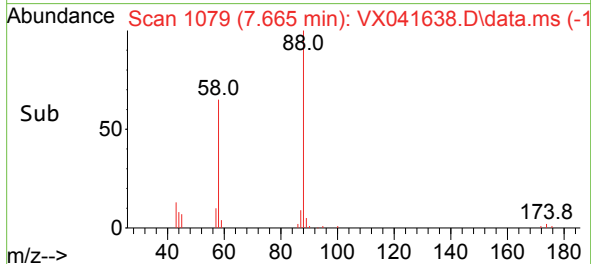
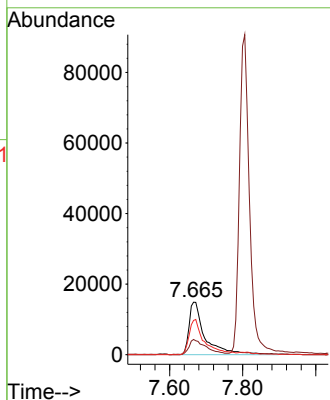
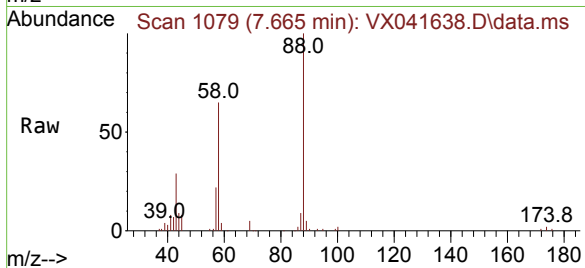




#49
1,4-Dioxane
Concen: 1349.699 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

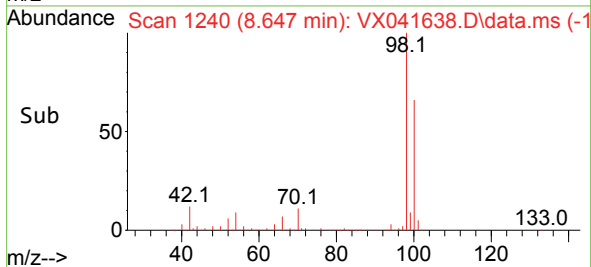
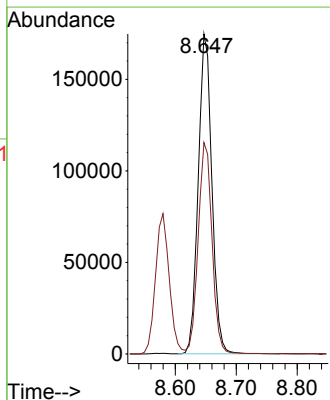
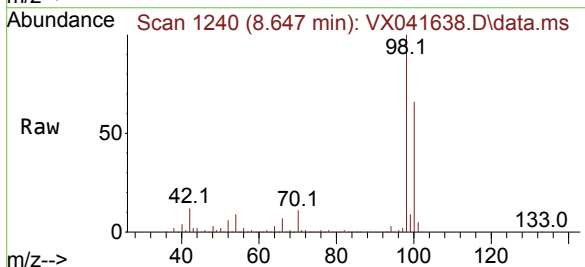
Instrument :
MSVOA_X
ClientSampleId :

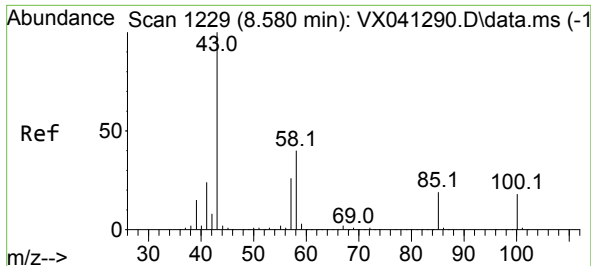
Tgt Ion: 88 Resp: 45490
Ion Ratio Lower Upper
88 100
43 31.3 0.0 0.0#
58 63.1 60.1 90.1



#50
Toluene-d8
Concen: 56.681 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 98 Resp: 271956
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 344.772 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

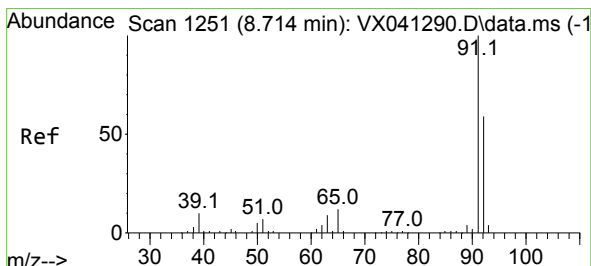
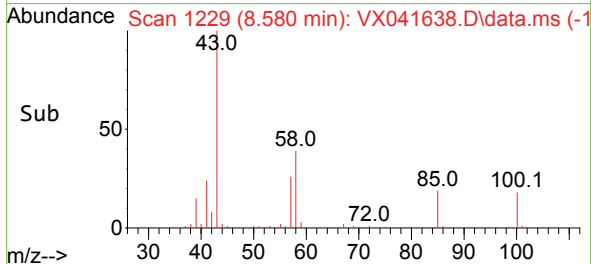
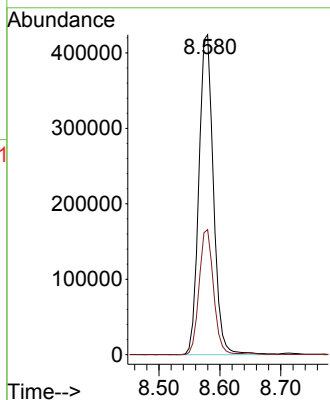
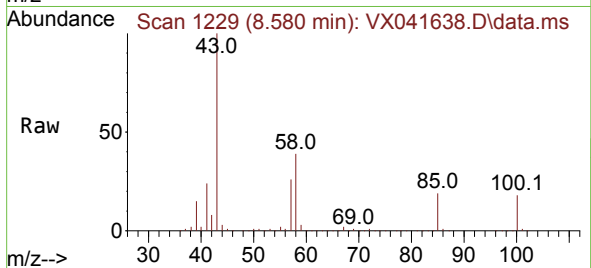
ClientSampleId :

Tgt Ion: 43 Resp: 703530

Ion Ratio Lower Upper

43 100

58 38.6 30.4 45.6



#52

Toluene

Concen: 53.819 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041638.D

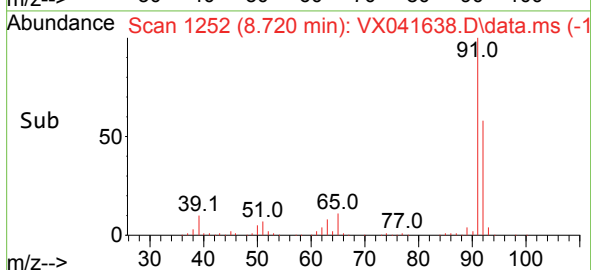
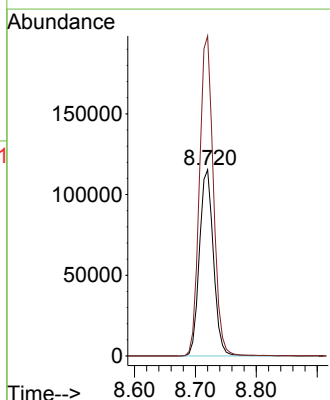
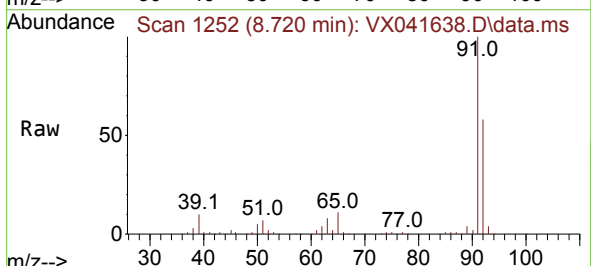
Acq: 23 May 2024 18:52

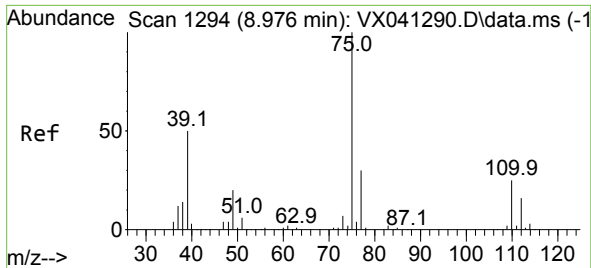
Tgt Ion: 92 Resp: 183971

Ion Ratio Lower Upper

92 100

91 171.3 134.2 201.2

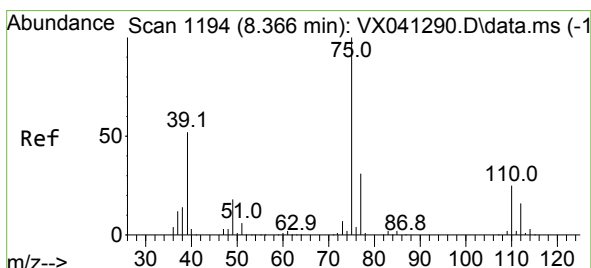
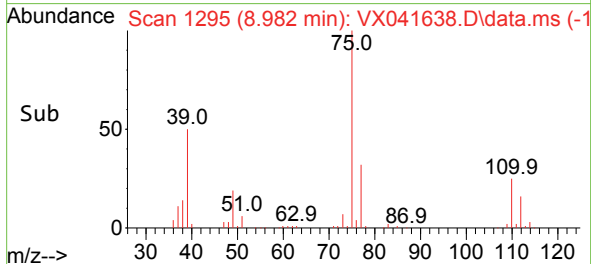
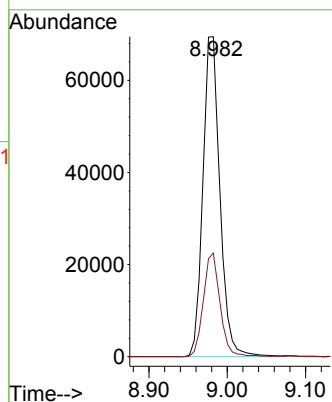
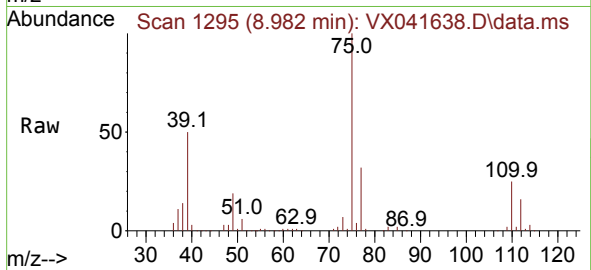




#53
 t-1,3-Dichloropropene
 Concen: 50.899 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

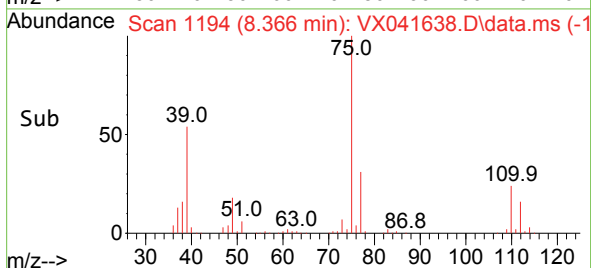
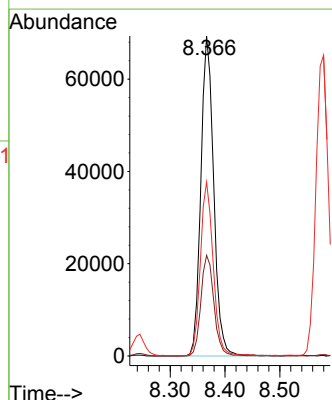
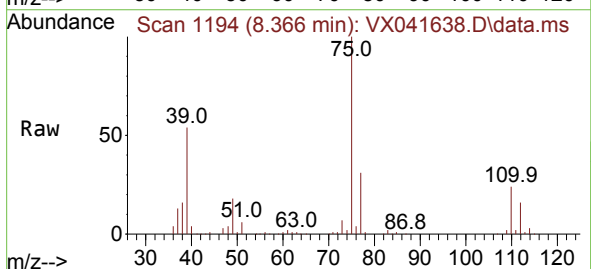
Instrument :
 MSVOA_X
 ClientSampleId :

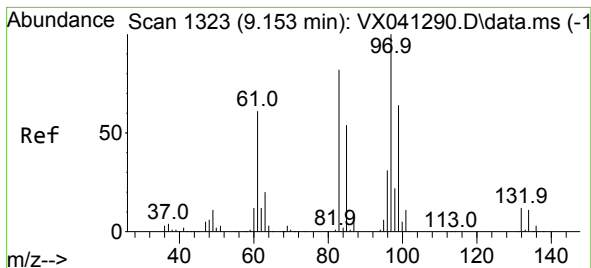
Tgt Ion: 75 Resp: 104892
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 58.125 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

Tgt Ion: 75 Resp: 113176
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 54.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 61.761 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 81304

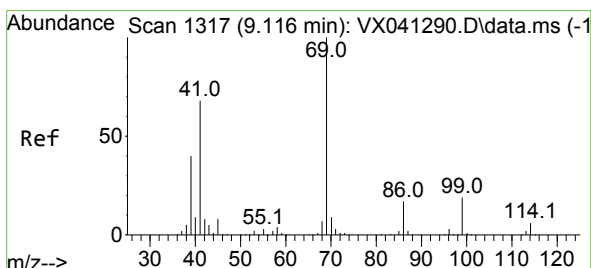
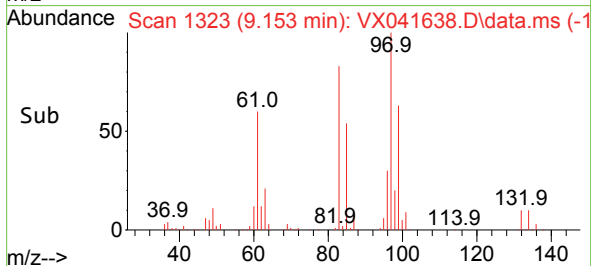
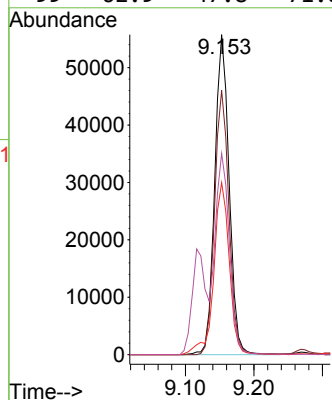
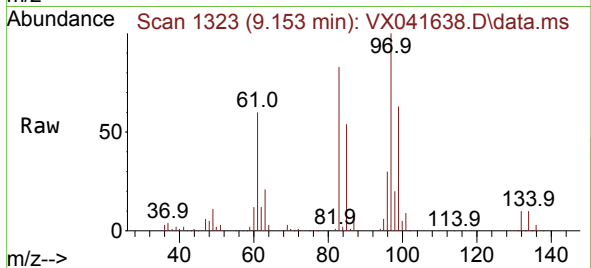
Ion Ratio Lower Upper

97 100

83 82.6 65.8 98.8

85 53.8 41.6 62.4

99 62.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 65.235 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

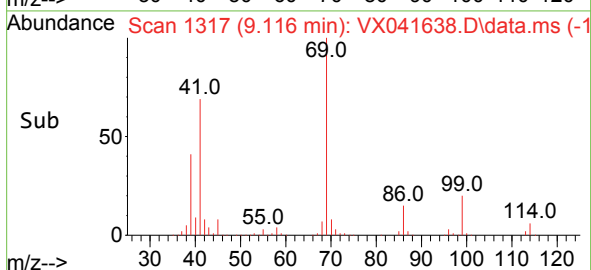
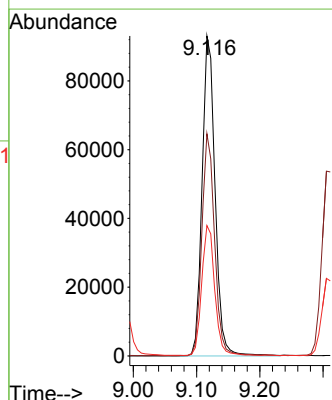
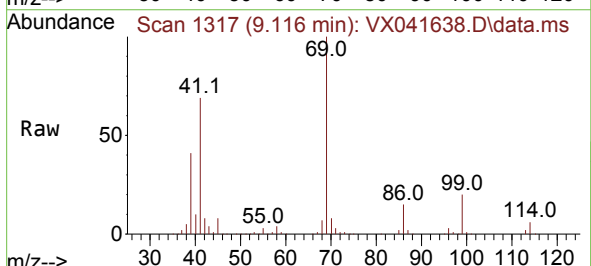
Tgt Ion: 69 Resp: 132906

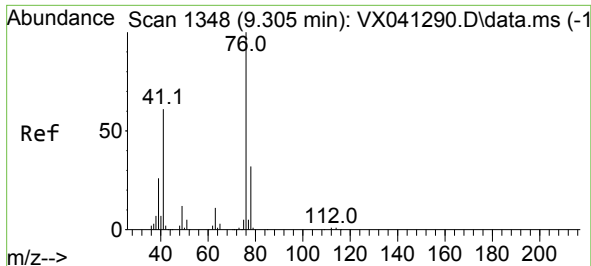
Ion Ratio Lower Upper

69 100

41 68.1 56.8 85.2

39 40.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 59.505 ug/l

RT: 9.311 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

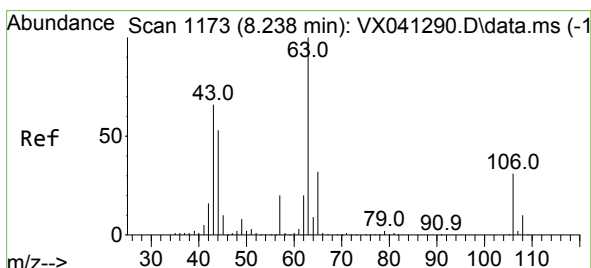
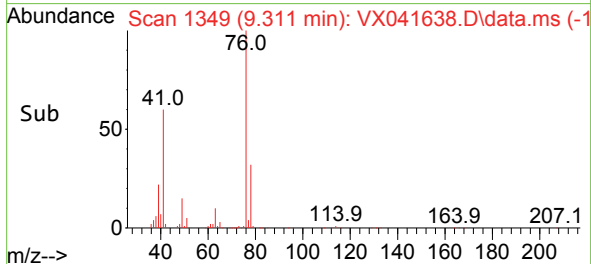
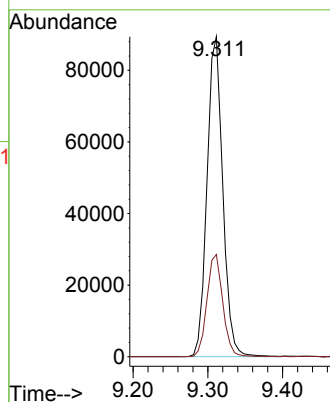
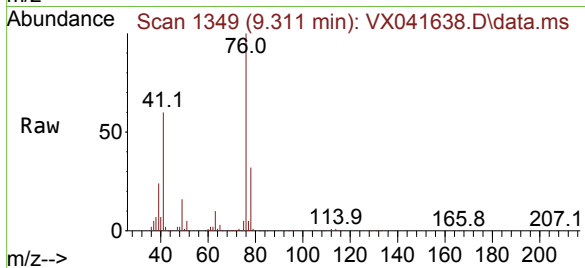
ClientSampleId :

Tgt Ion: 76 Resp: 130734

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 309.299 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX041638.D

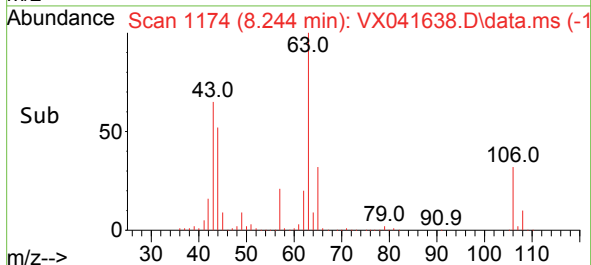
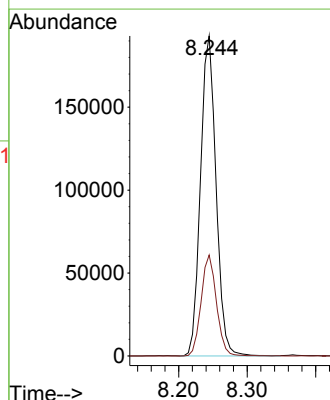
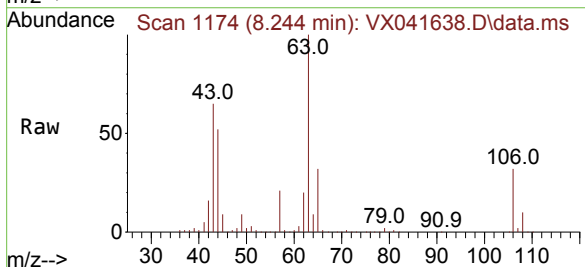
Acq: 23 May 2024 18:52

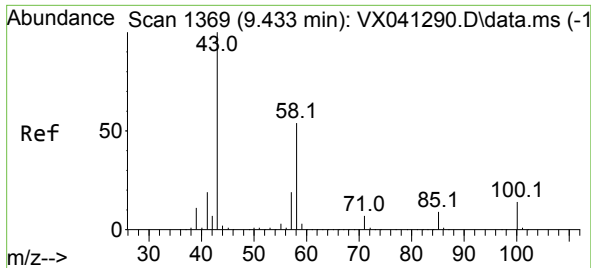
Tgt Ion: 63 Resp: 305545

Ion Ratio Lower Upper

63 100

106 31.0 22.5 33.7

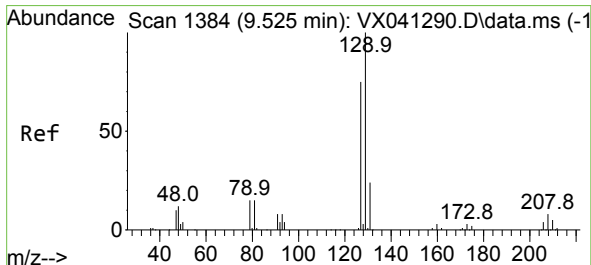
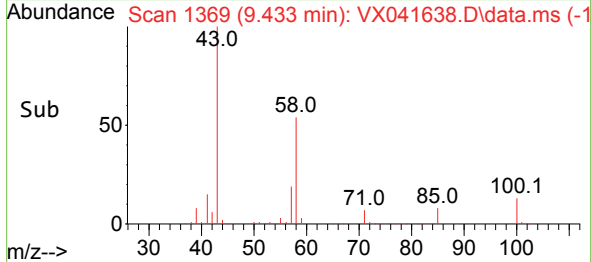
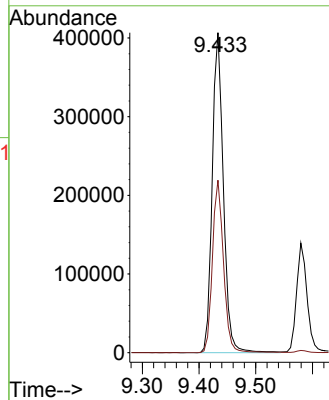
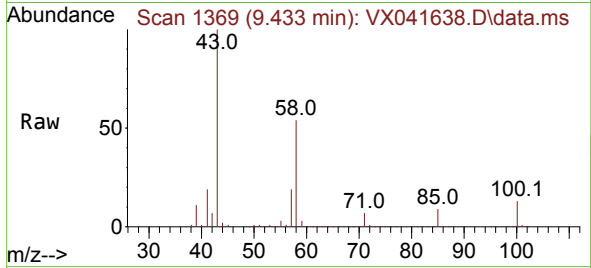




#59
2-Hexanone
Concen: 340.059 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

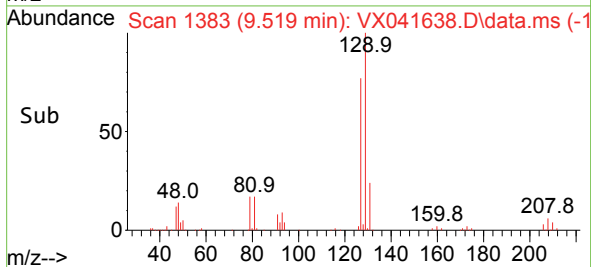
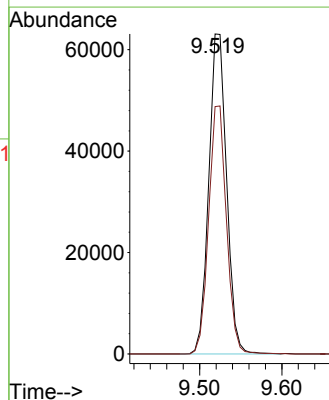
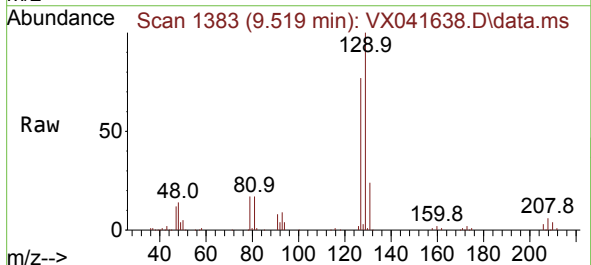
Instrument :
MSVOA_X
ClientSampleId :

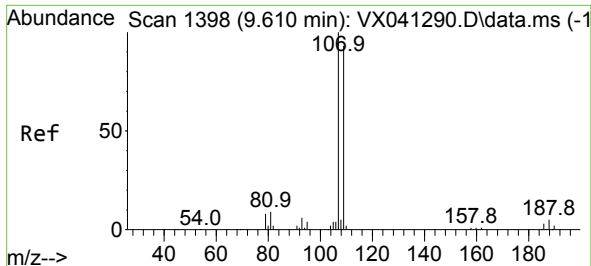
Tgt Ion: 43 Resp: 554876
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 61.251 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 129 Resp: 94923
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

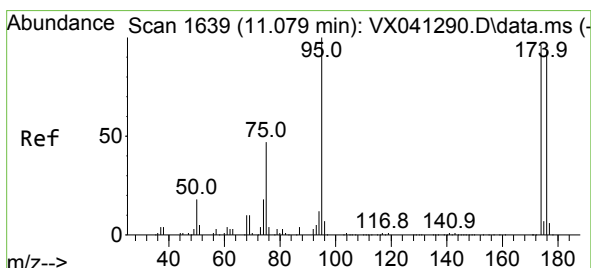
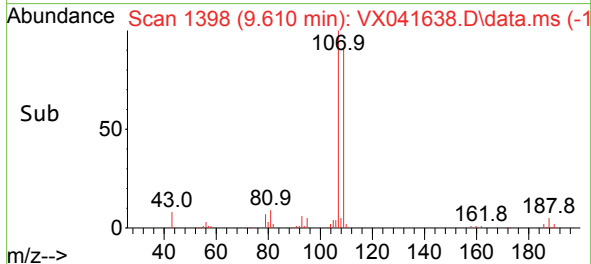
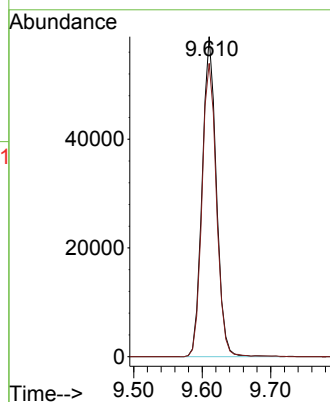
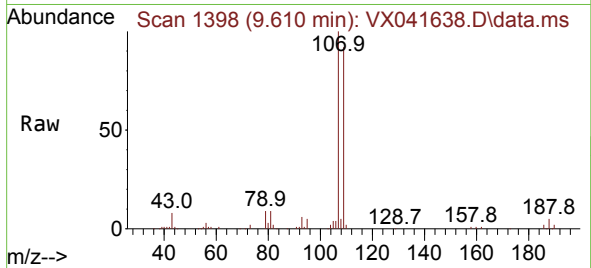




#61
1,2-Dibromoethane
Concen: 58.426 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

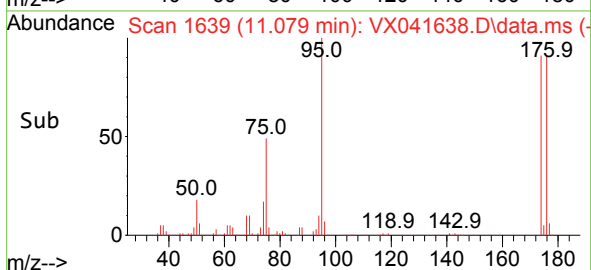
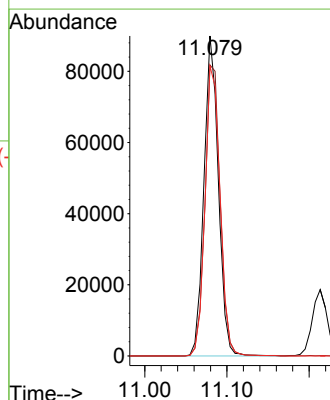
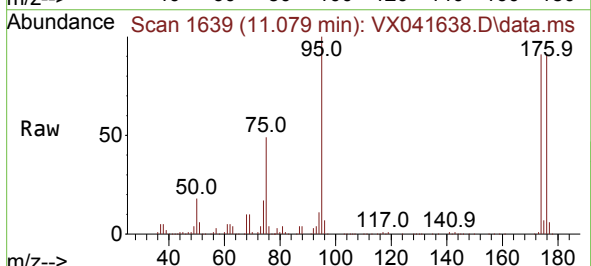
Instrument :
MSVOA_X
ClientSampleId :

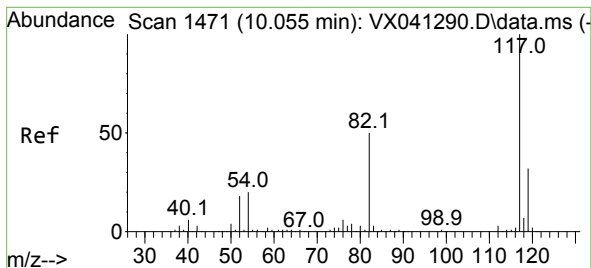
Tgt Ion:107 Resp: 84617
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 58.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 95 Resp: 109104
Ion Ratio Lower Upper
95 100
174 96.2 0.0 135.6
176 95.0 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: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

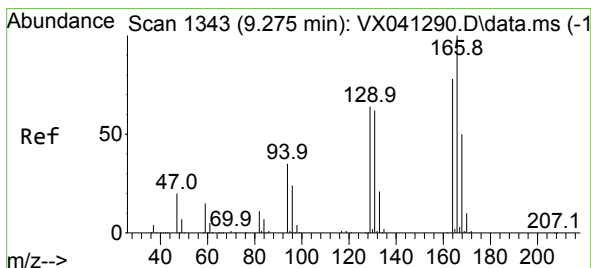
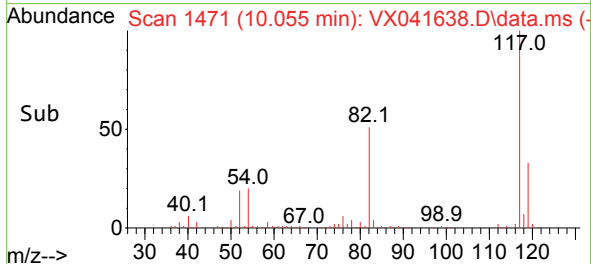
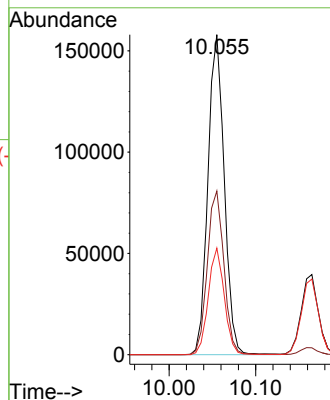
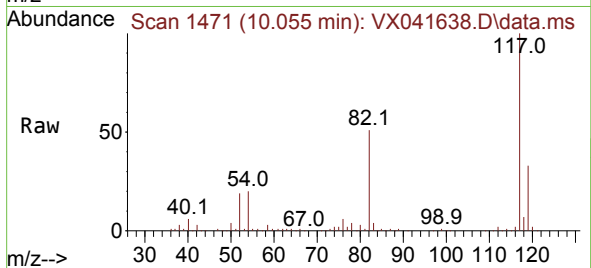
Tgt Ion:117 Resp: 206761

Ion Ratio Lower Upper

117 100

82 51.2 46.2 69.4

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 47.796 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Tgt Ion:164 Resp: 71562

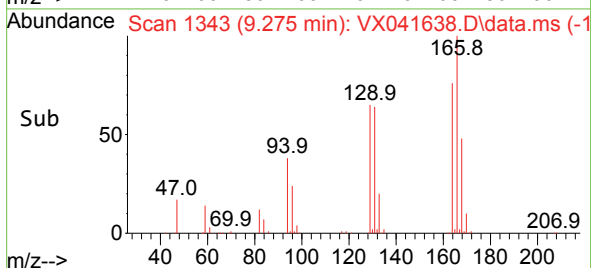
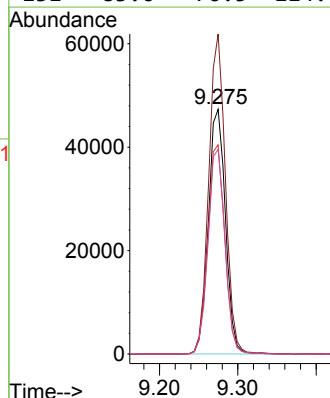
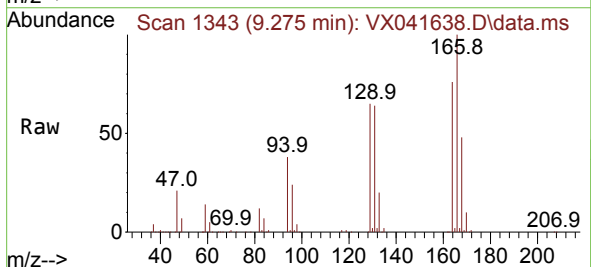
Ion Ratio Lower Upper

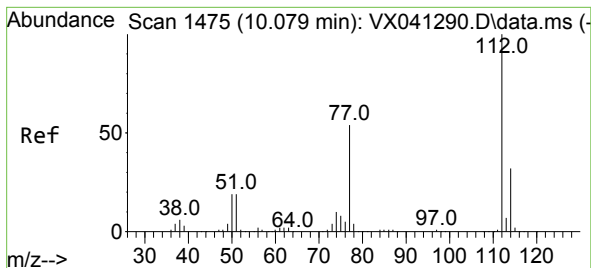
164 100

166 130.8 102.7 154.1

129 85.5 80.4 120.6

131 83.6 76.5 114.7





#65

Chlorobenzene

Concen: 52.659 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

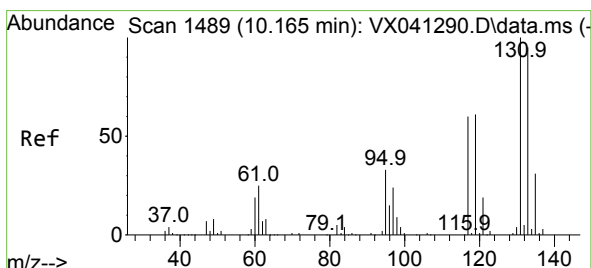
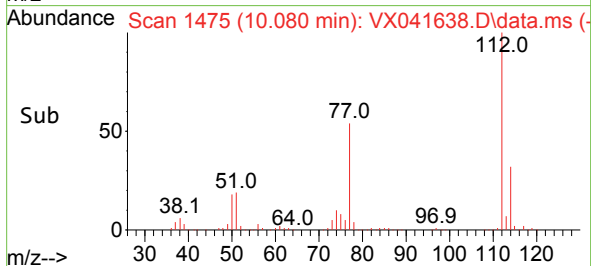
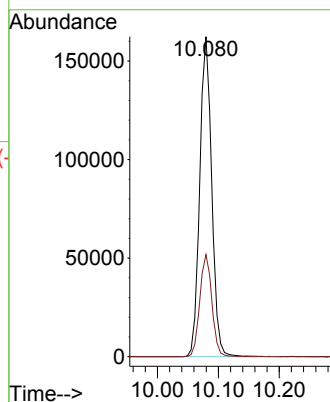
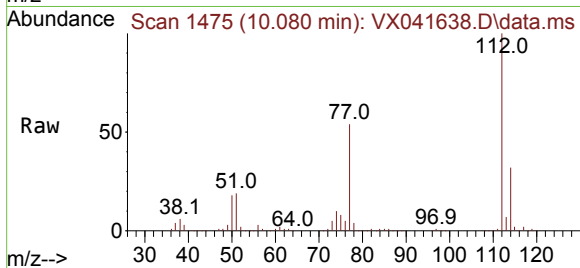
ClientSampleId :

Tgt Ion:112 Resp: 221025

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 55.802 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

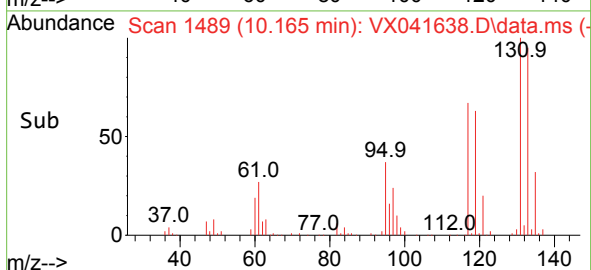
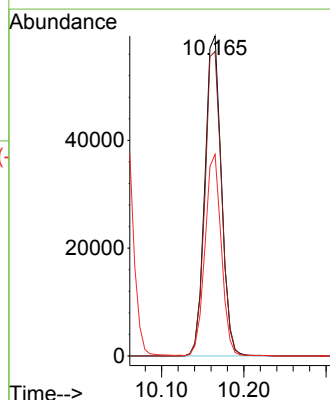
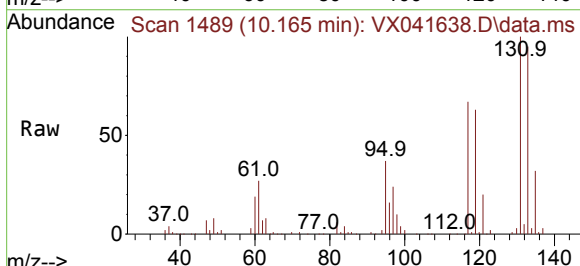
Tgt Ion:131 Resp: 82759

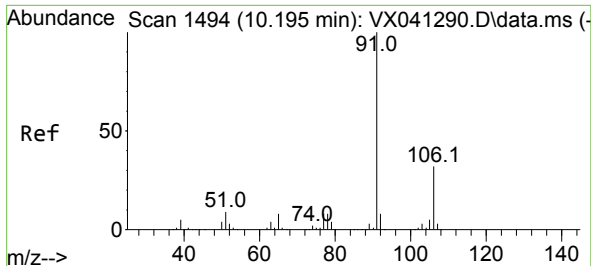
Ion Ratio Lower Upper

131 100

133 96.2 47.1 141.4

119 62.6 32.2 96.6





#67

Ethyl Benzene

Concen: 51.687 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

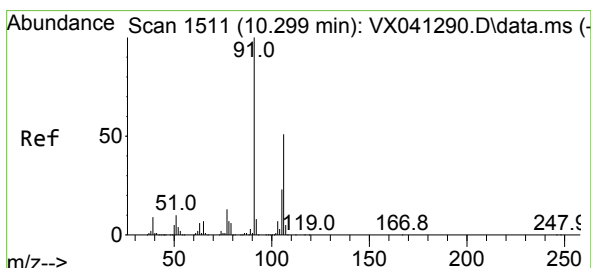
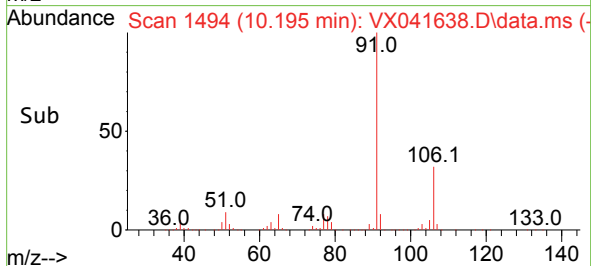
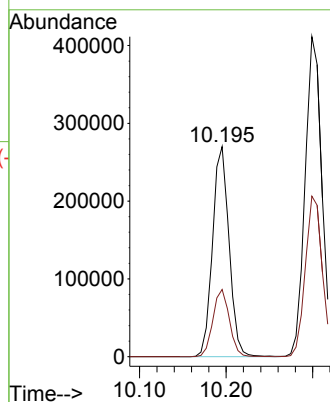
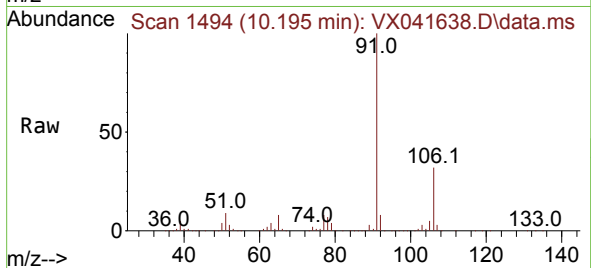
ClientSampleId :

Tgt Ion: 91 Resp: 357933

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 101.917 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041638.D

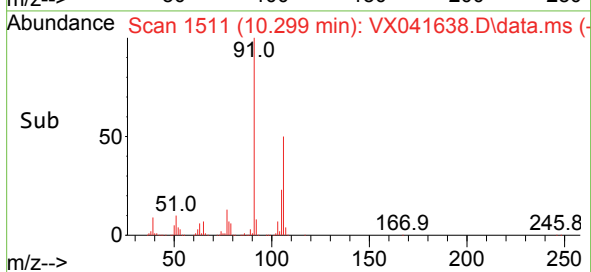
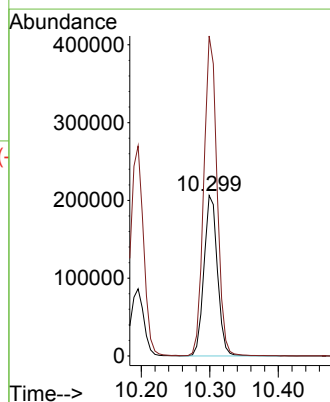
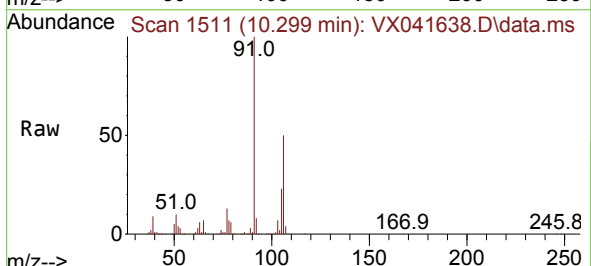
Acq: 23 May 2024 18:52

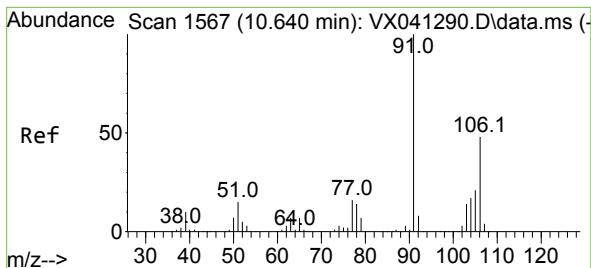
Tgt Ion: 106 Resp: 282630

Ion Ratio Lower Upper

106 100

91 196.6 165.5 248.3





#69

o-Xylene

Concen: 54.149 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

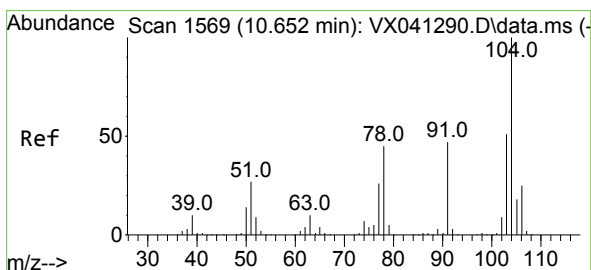
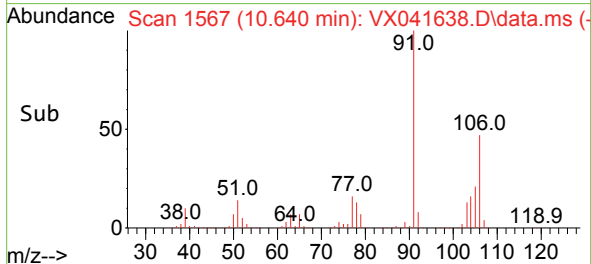
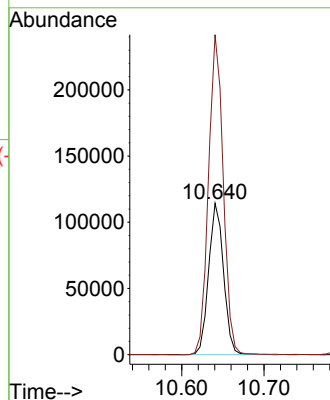
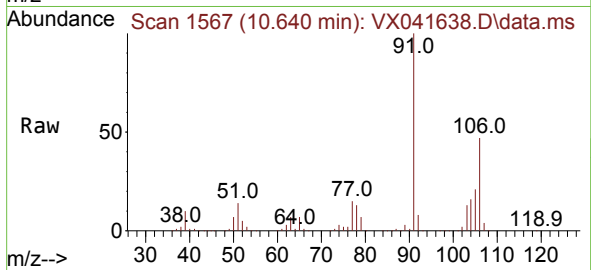
ClientSampleId :

Tgt Ion:106 Resp: 143780

Ion Ratio Lower Upper

106 100

91 209.5 108.9 326.8



#70

Styrene

Concen: 56.906 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

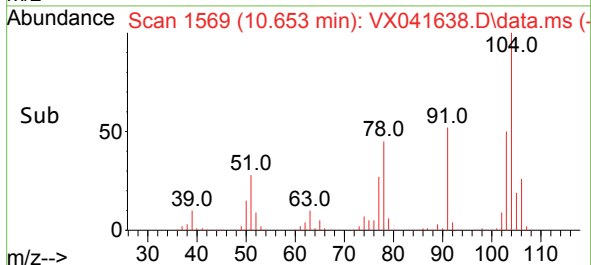
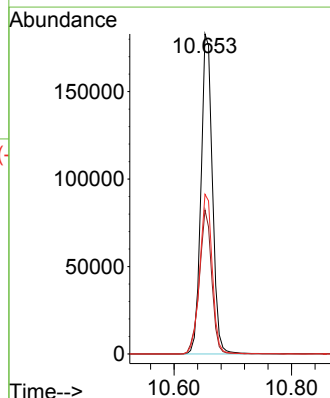
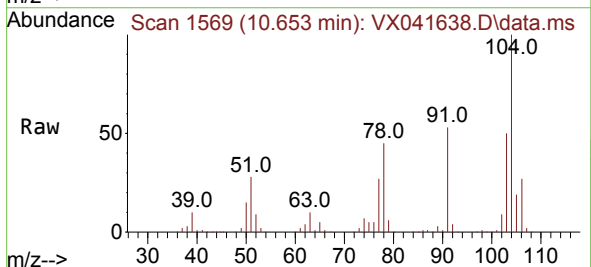
Tgt Ion:104 Resp: 247941

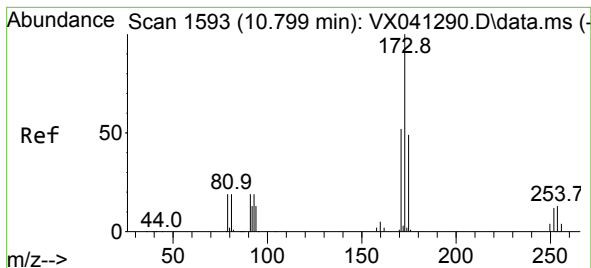
Ion Ratio Lower Upper

104 100

78 48.6 43.6 65.4

103 54.7 43.6 65.4





#71

Bromoform

Concen: 59.078 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

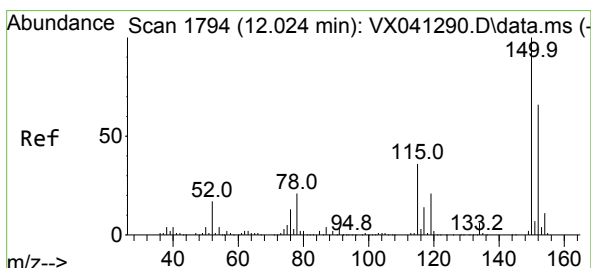
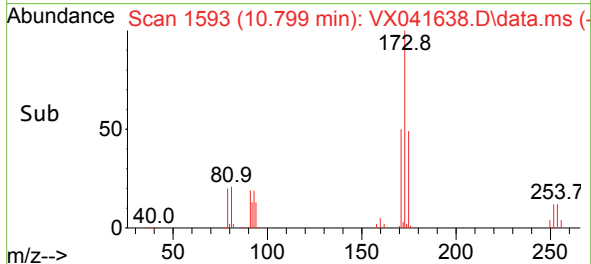
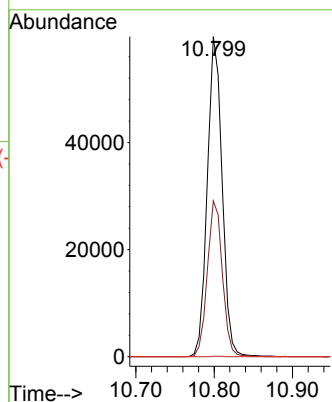
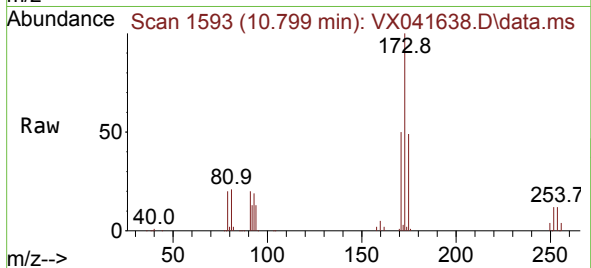
Tgt Ion:173 Resp: 78412

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

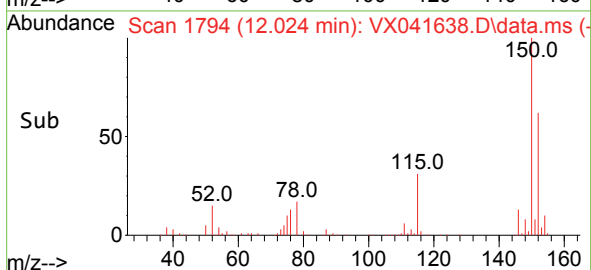
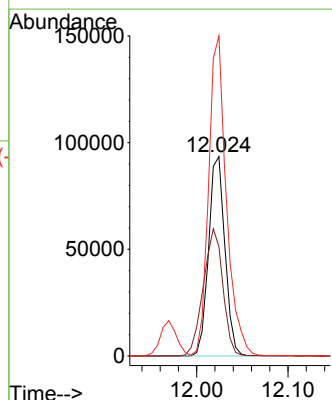
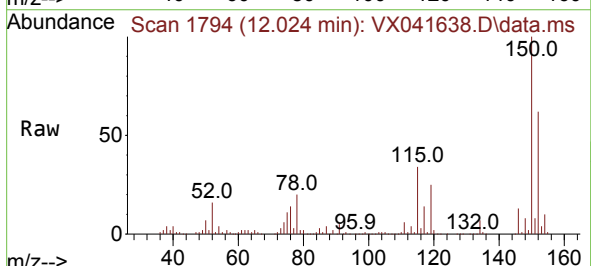
Tgt Ion:152 Resp: 115987

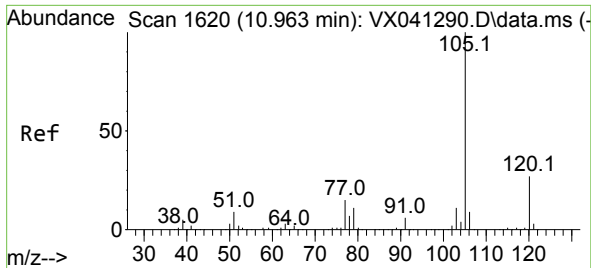
Ion Ratio Lower Upper

152 100

115 76.5 43.3 129.9

150 174.3 0.0 345.0

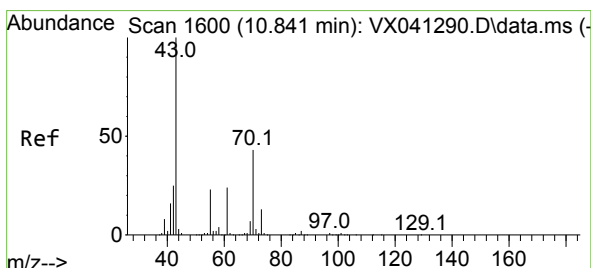
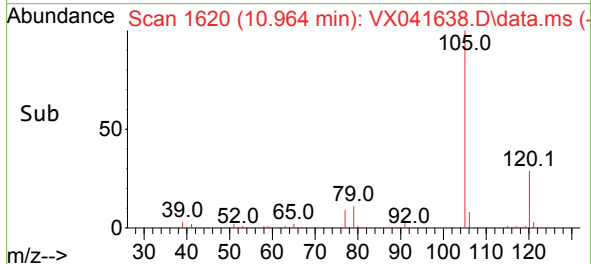
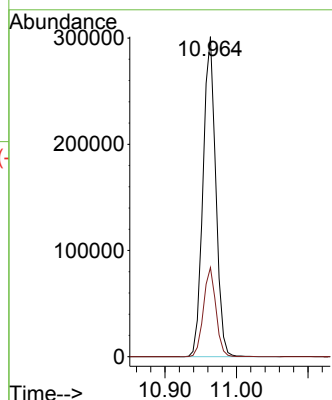
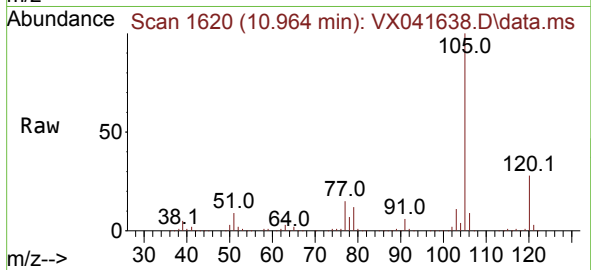




#73
Isopropylbenzene
Concen: 52.568 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

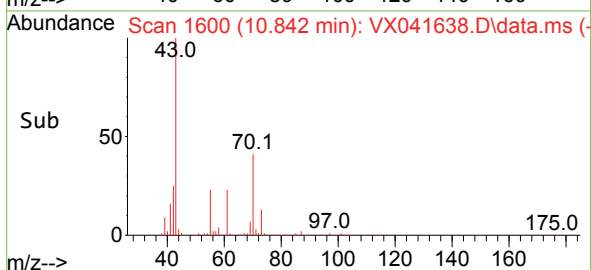
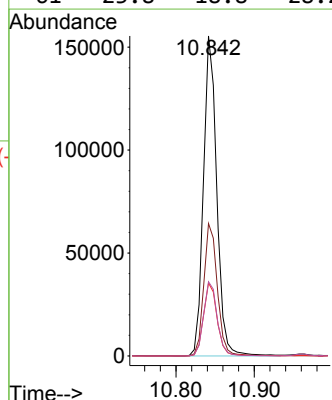
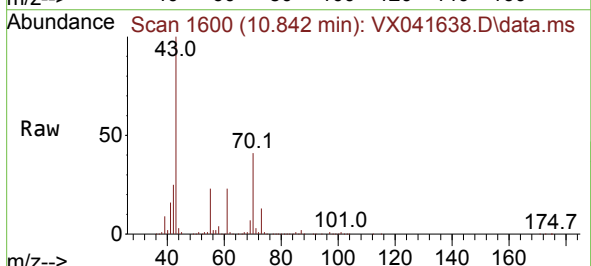
Instrument :
MSVOA_X
ClientSampleId :

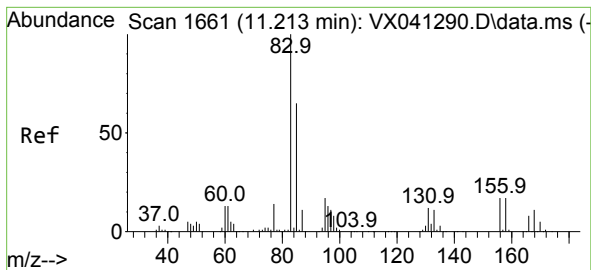
Tgt Ion:105 Resp: 372184
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.6



#74
N-ethyl acetate
Concen: 59.422 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 43 Resp: 183805
Ion Ratio Lower Upper
43 100
70 42.3 32.9 49.3
55 23.3 19.3 28.9
61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 60.543 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

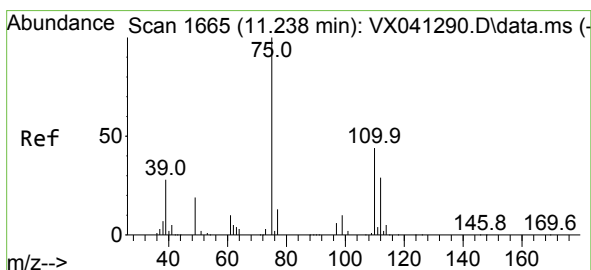
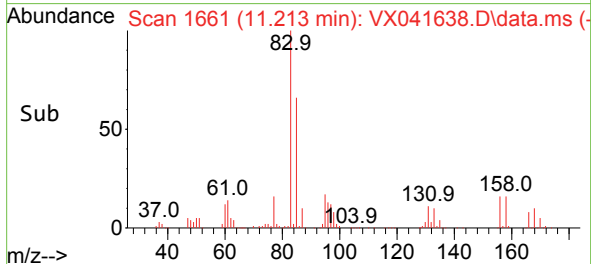
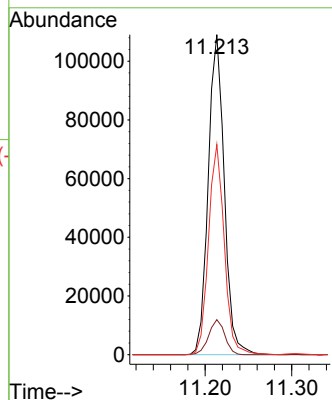
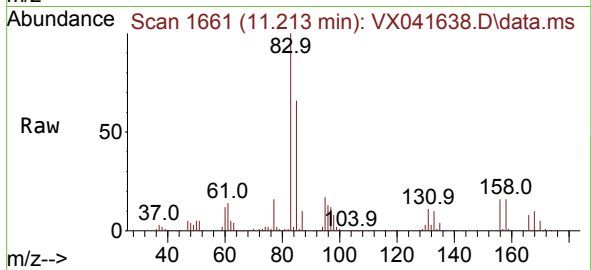
Tgt Ion: 83 Resp: 140458

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 80.280 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041638.D

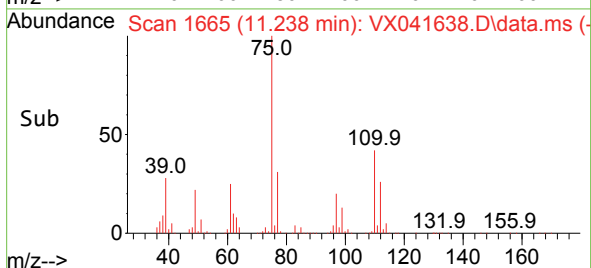
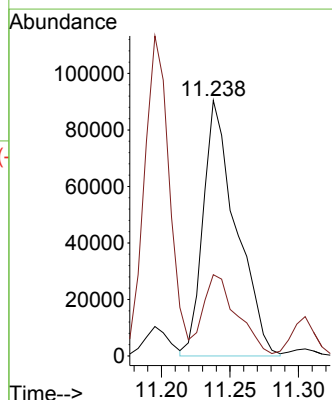
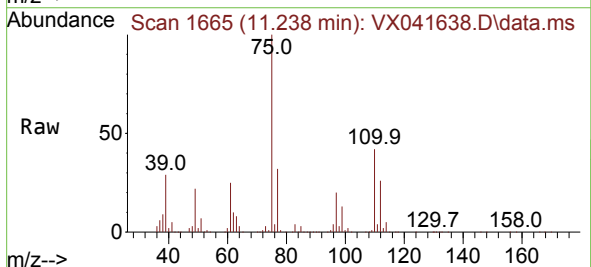
Acq: 23 May 2024 18:52

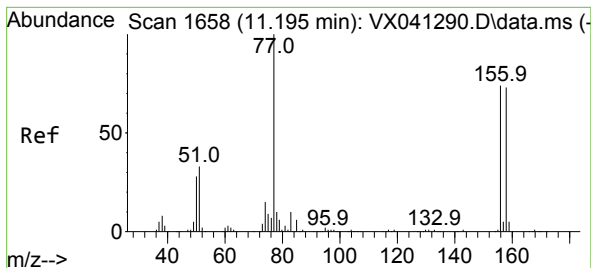
Tgt Ion: 75 Resp: 151748

Ion Ratio Lower Upper

75 100

77 32.8 19.1 57.5





#77

Bromobenzene

Concen: 54.139 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

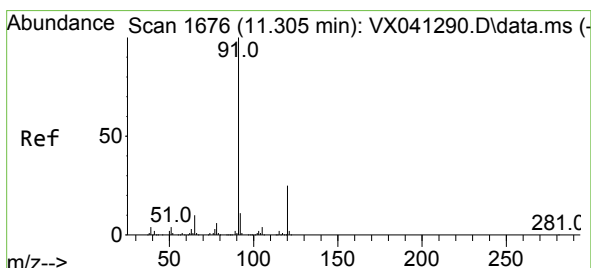
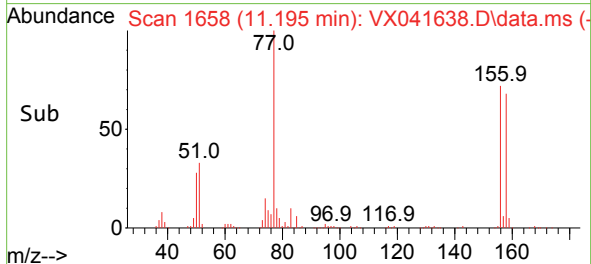
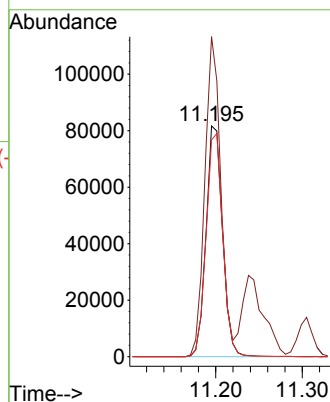
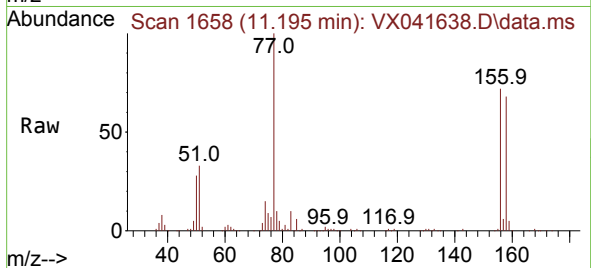
Tgt Ion:156 Resp: 108185

Ion Ratio Lower Upper

156 100

77 133.3 88.4 265.3

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 54.284 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041638.D

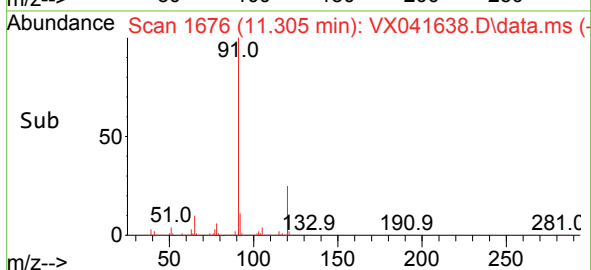
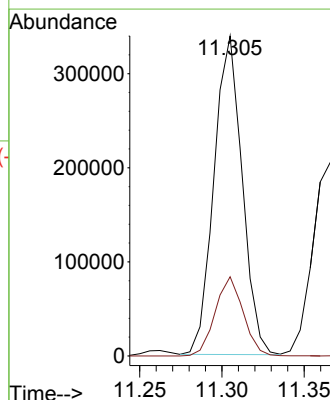
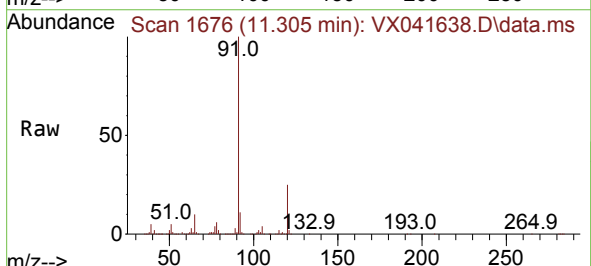
Acq: 23 May 2024 18:52

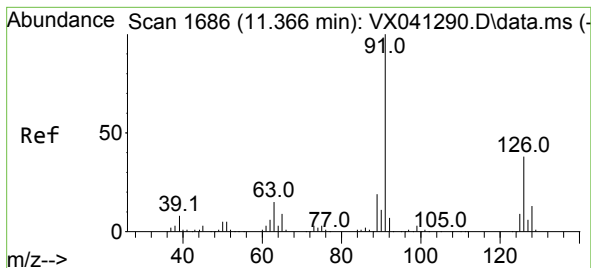
Tgt Ion: 91 Resp: 403663

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.603 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

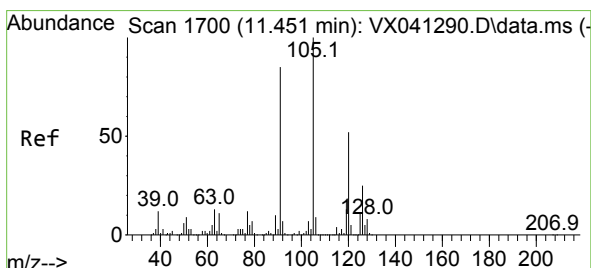
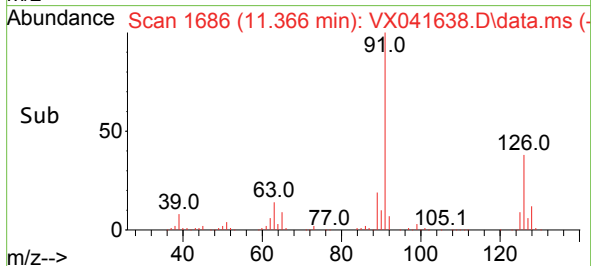
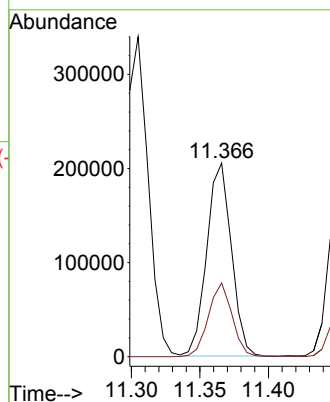
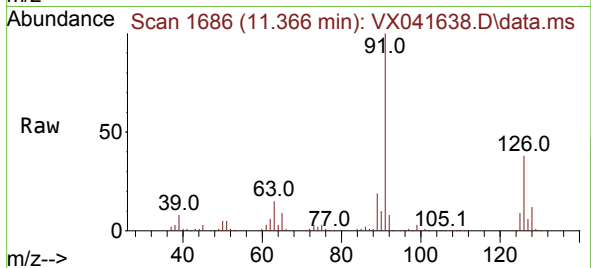
ClientSampleId :

Tgt Ion: 91 Resp: 256863

Ion Ratio Lower Upper

91 100

126 36.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 53.863 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041638.D

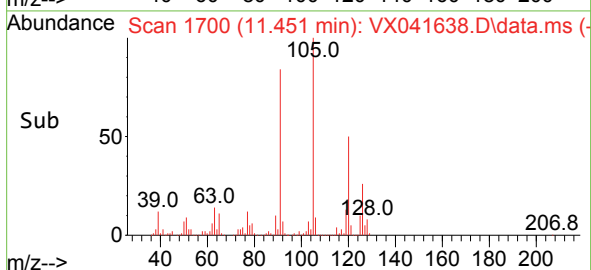
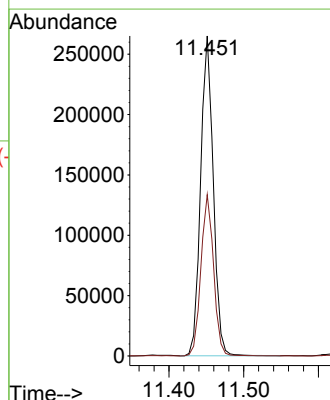
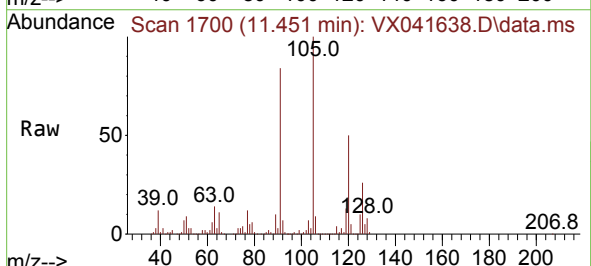
Acq: 23 May 2024 18:52

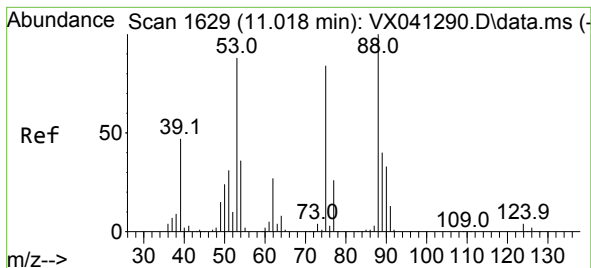
Tgt Ion: 105 Resp: 310881

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3

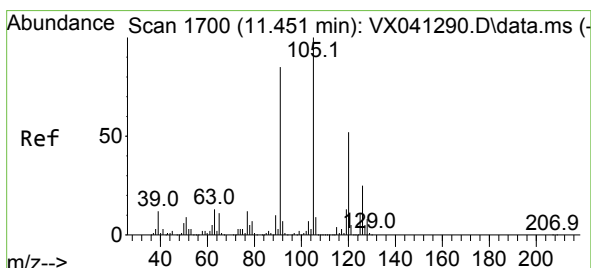
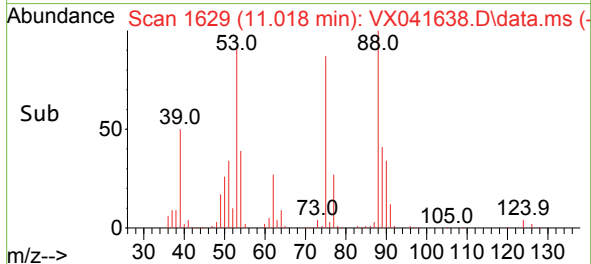
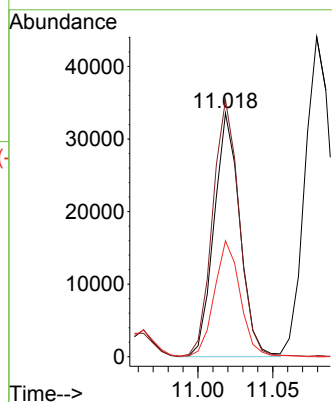
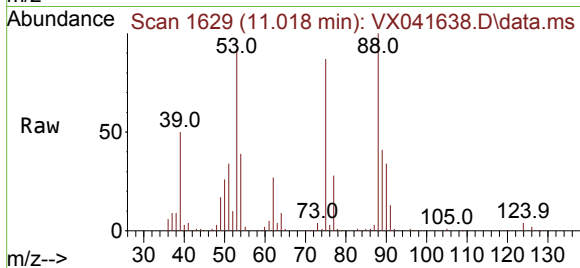




#81
trans-1,4-Dichloro-2-butene
Concen: 58.229 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

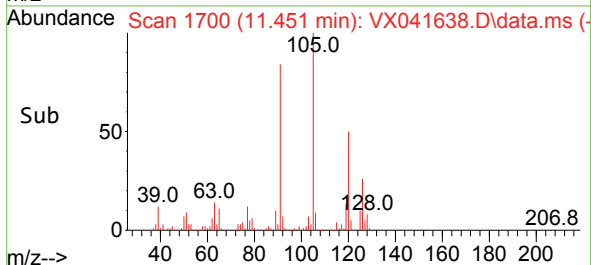
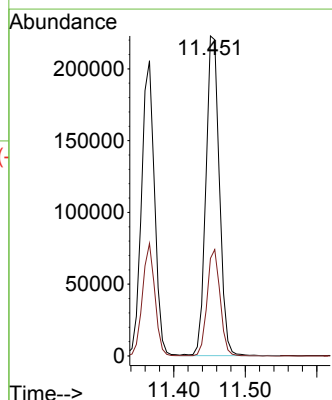
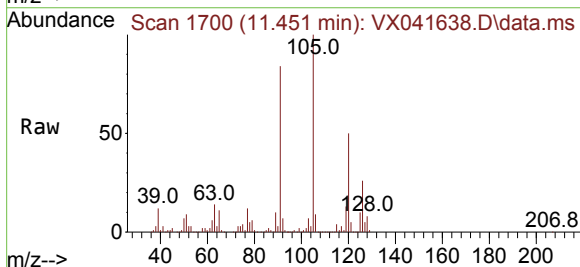
Instrument :
MSVOA_X
ClientSampleId :

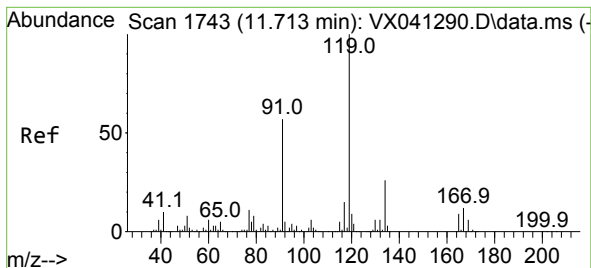
Tgt Ion: 75 Resp: 40408
Ion Ratio Lower Upper
75 100
53 107.9 90.5 135.7
89 47.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 53.697 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041638.D
Acq: 23 May 2024 18:52

Tgt Ion: 91 Resp: 292122
Ion Ratio Lower Upper
91 100
126 32.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 56.426 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

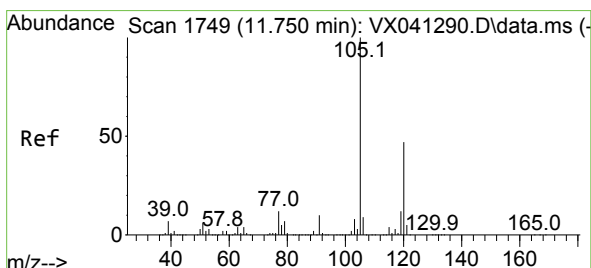
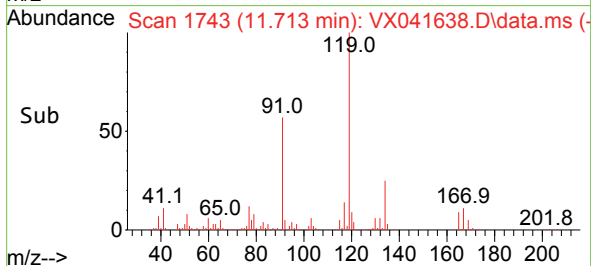
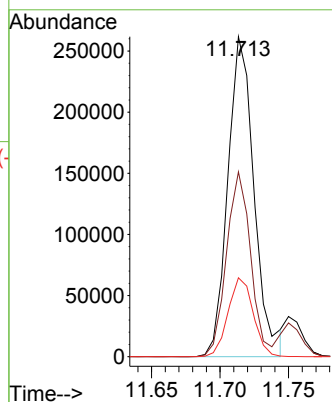
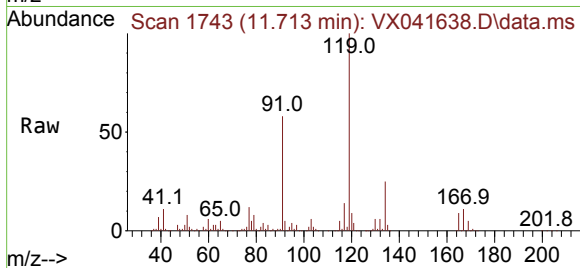
Tgt Ion:119 Resp: 348747

Ion Ratio Lower Upper

119 100

91 53.2 31.2 93.6

134 23.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 54.217 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041638.D

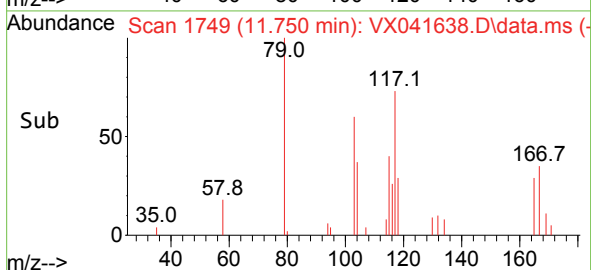
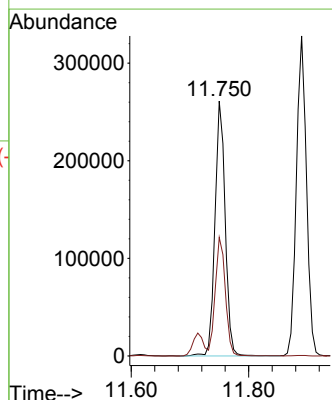
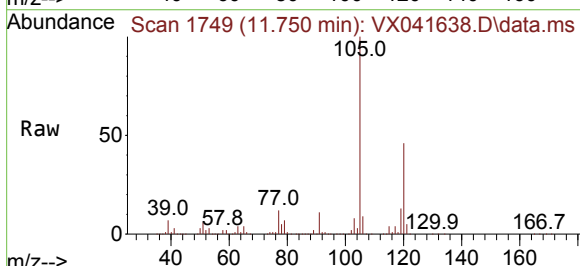
Acq: 23 May 2024 18:52

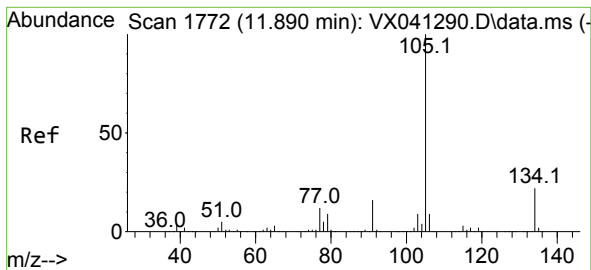
Tgt Ion:105 Resp: 314861

Ion Ratio Lower Upper

105 100

120 46.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 55.253 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

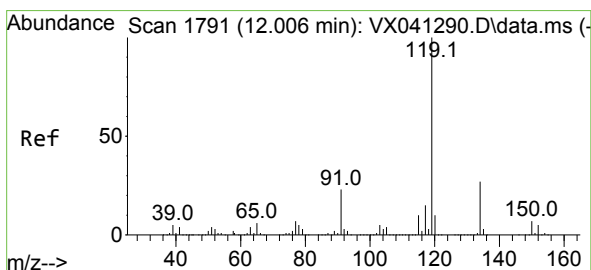
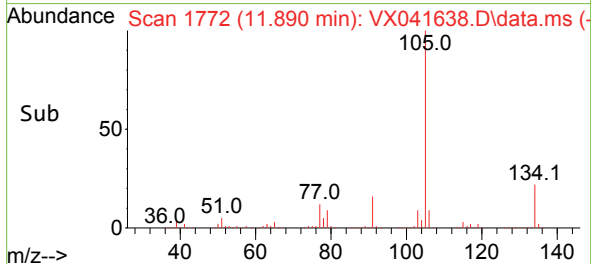
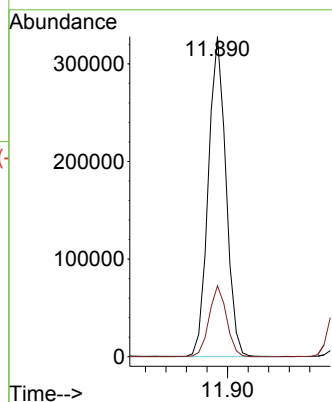
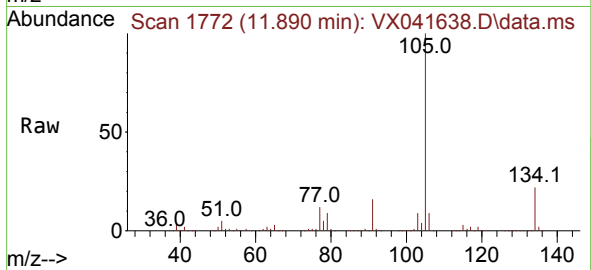
ClientSampleId :

Tgt Ion:105 Resp: 391354

Ion Ratio Lower Upper

105 100

134 21.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 53.555 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

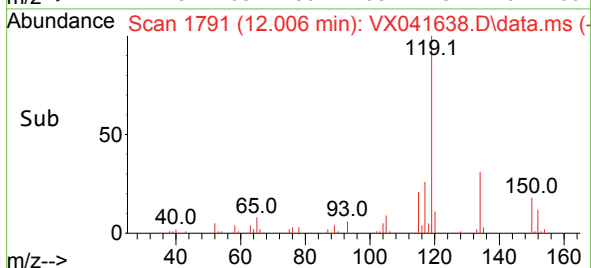
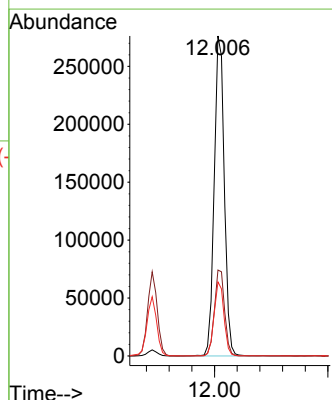
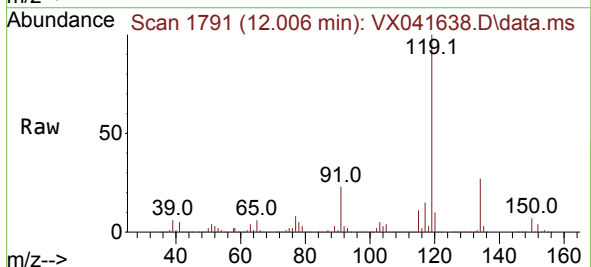
Tgt Ion:119 Resp: 340681

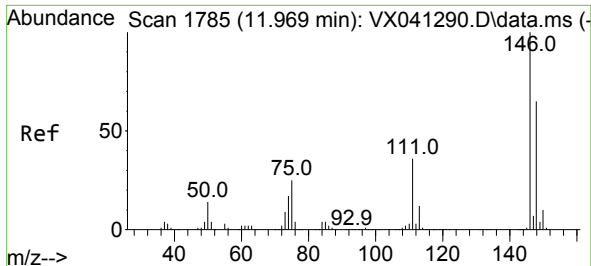
Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

91 22.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.437 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

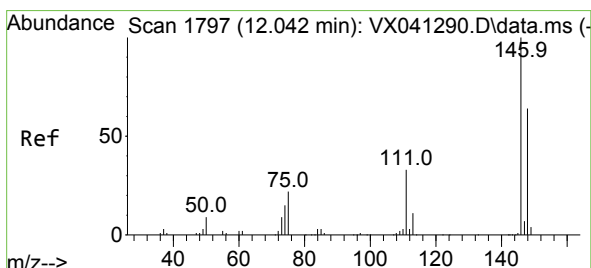
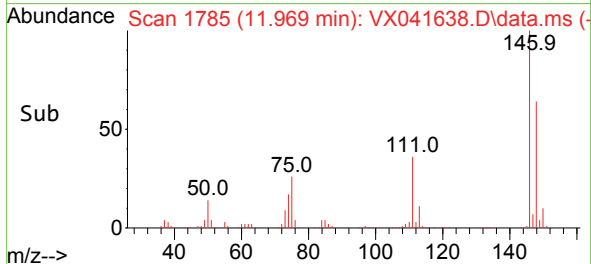
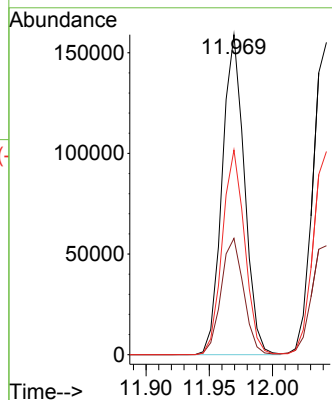
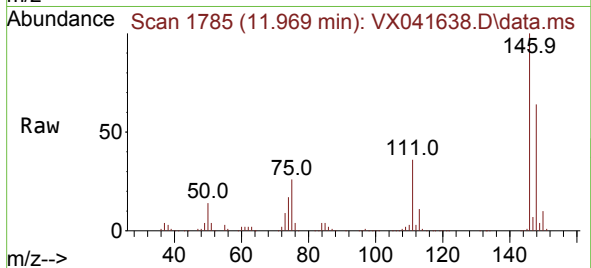
Tgt Ion:146 Resp: 194089

Ion Ratio Lower Upper

146 100

111 37.0 22.1 66.1

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.939 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

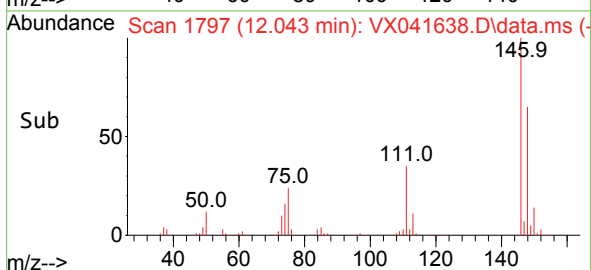
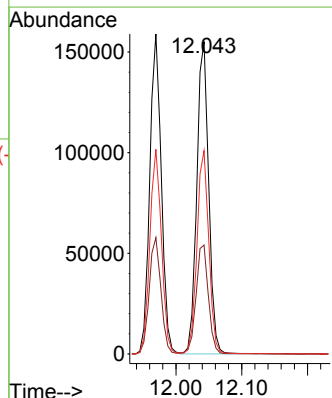
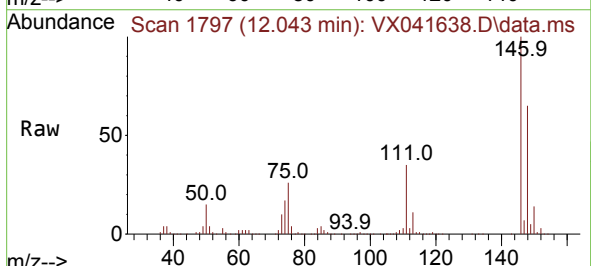
Tgt Ion:146 Resp: 194363

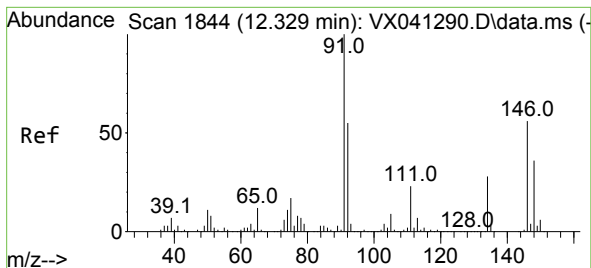
Ion Ratio Lower Upper

146 100

111 36.0 21.3 63.7

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 53.478 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

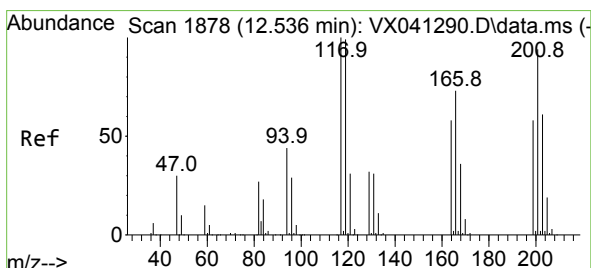
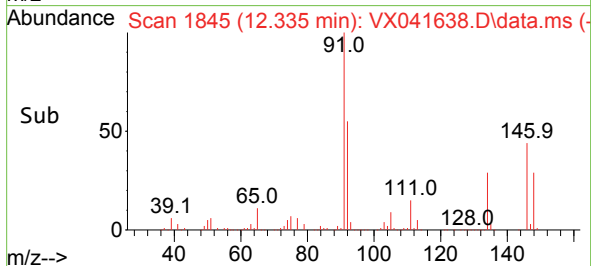
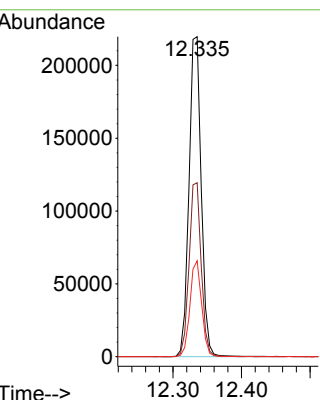
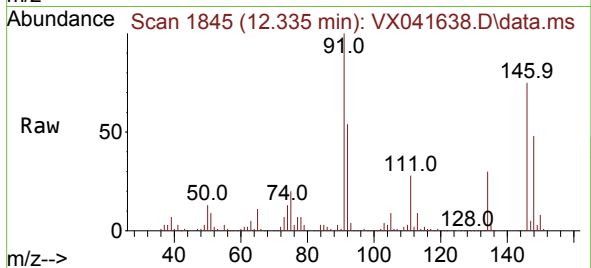
Tgt Ion: 91 Resp: 273550

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.0

134 28.7 12.6 37.8



#90

Hexachloroethane

Concen: 54.905 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041638.D

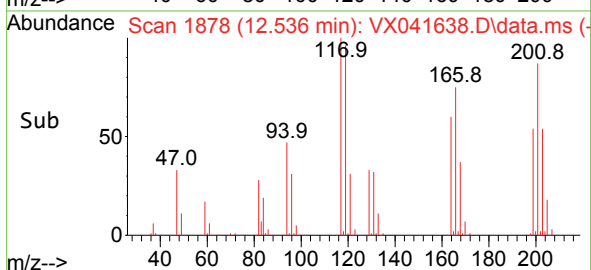
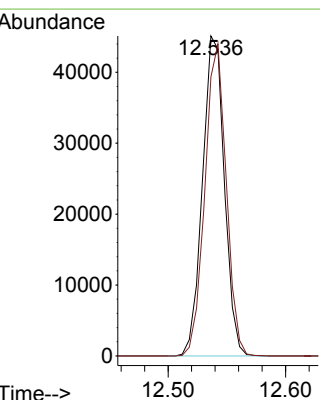
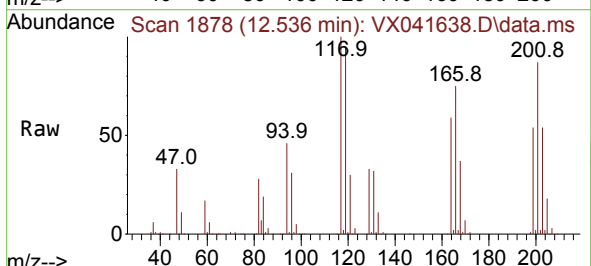
Acq: 23 May 2024 18:52

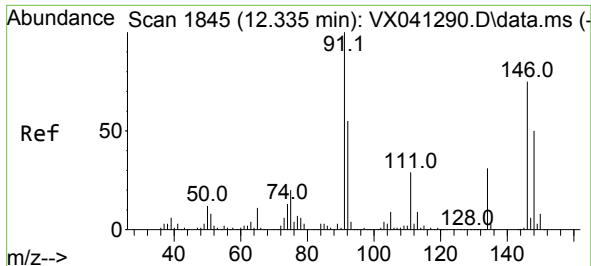
Tgt Ion: 117 Resp: 58409

Ion Ratio Lower Upper

117 100

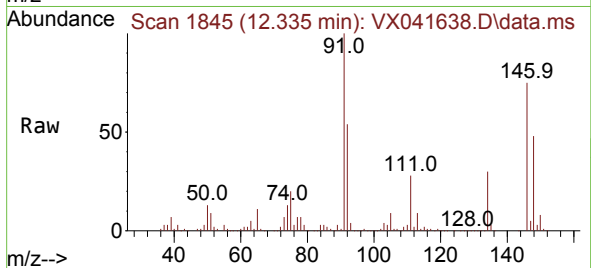
201 95.1 32.9 98.6



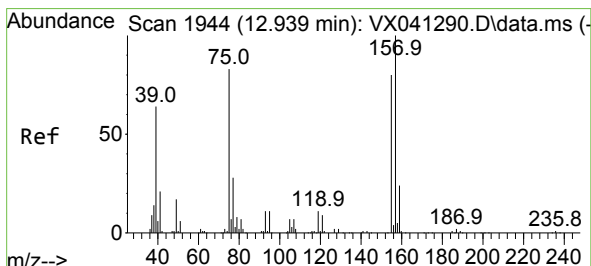
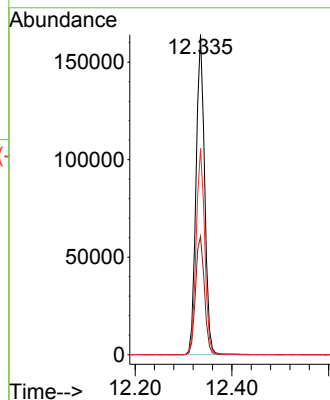
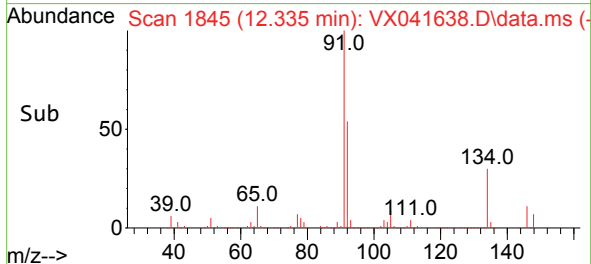


#91
 1,2-Dichlorobenzene
 Concen: 52.503 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52

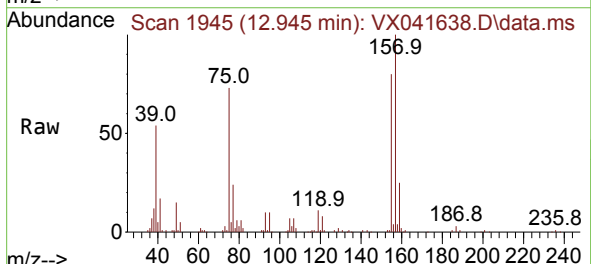
Instrument :
 MSVOA_X
 ClientSampleId :



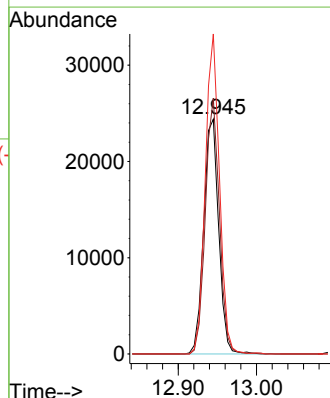
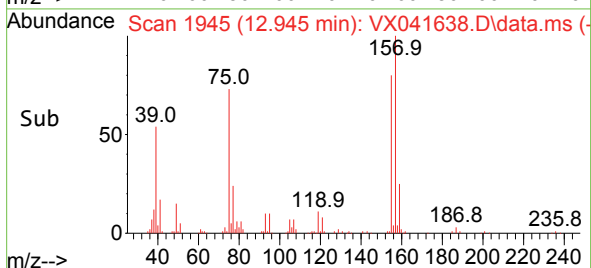
Tgt Ion:146 Resp: 201422
 Ion Ratio Lower Upper
 146 100
 111 38.2 22.4 67.0
 148 64.1 31.6 95.0

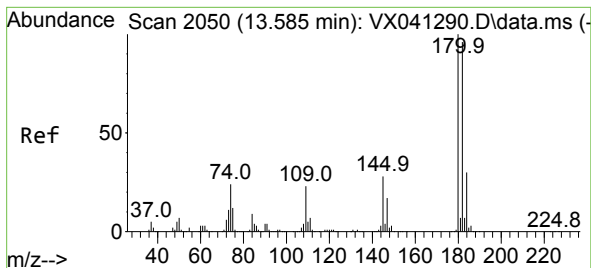


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.400 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX041638.D
 Acq: 23 May 2024 18:52



Tgt Ion: 75 Resp: 32380
 Ion Ratio Lower Upper
 75 100
 155 102.3 36.1 108.5
 157 128.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.803 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

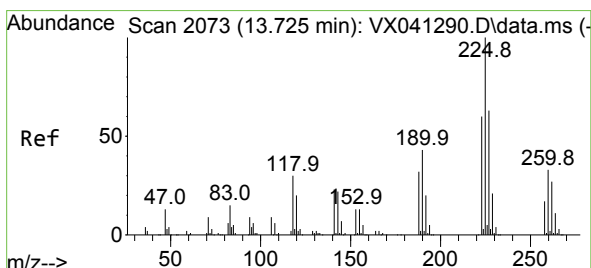
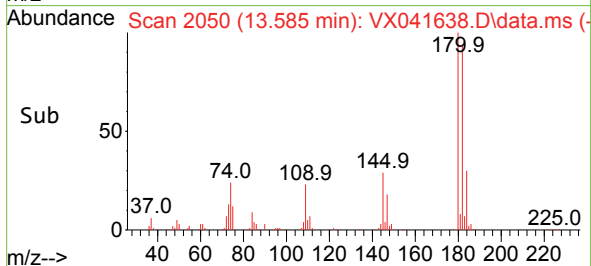
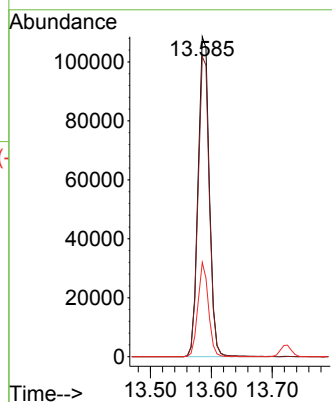
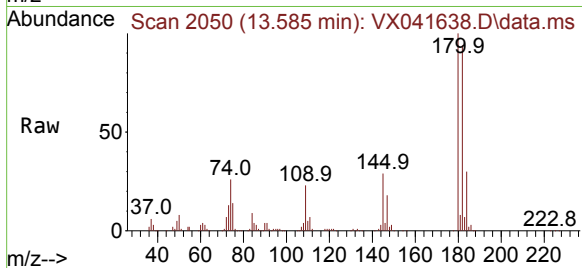
Tgt Ion:180 Resp: 138918

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 27.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 48.568 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

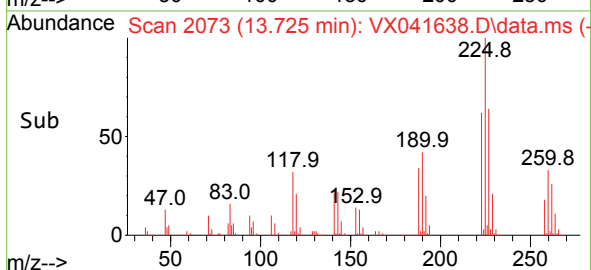
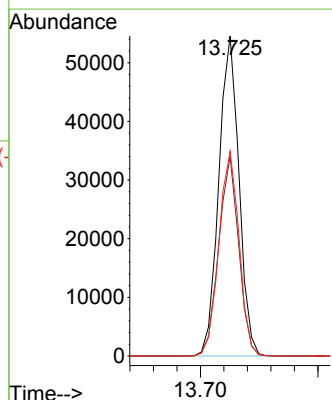
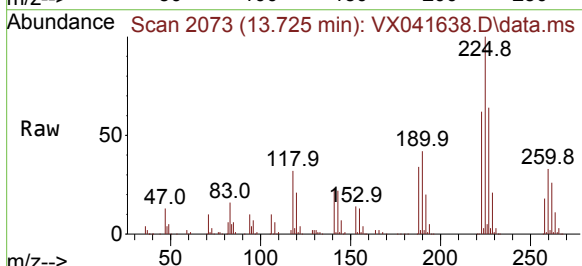
Tgt Ion:225 Resp: 65039

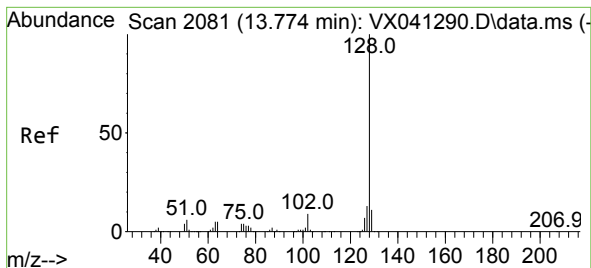
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.2

227 64.1 32.5 97.5





#95

Naphthalene

Concen: 56.228 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Instrument :

MSVOA_X

ClientSampleId :

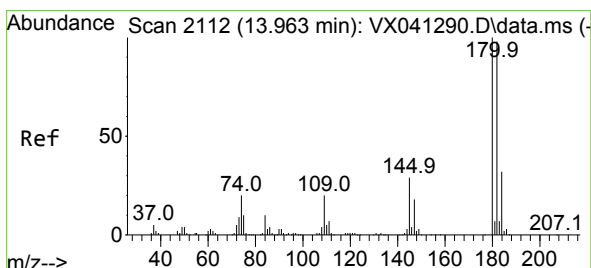
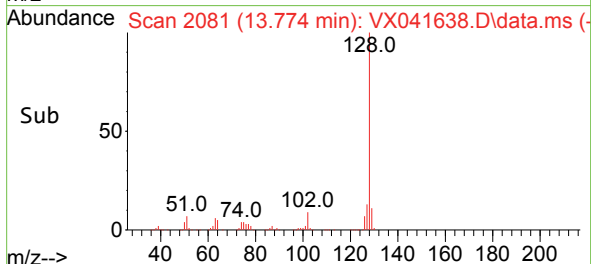
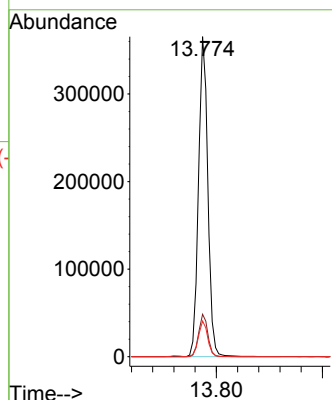
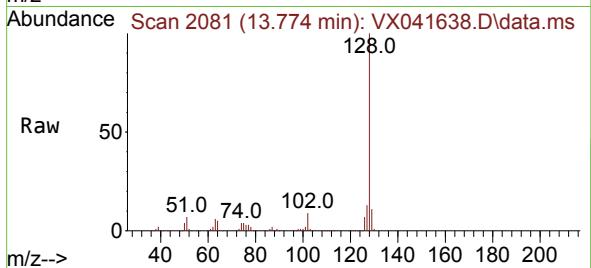
Tgt Ion:128 Resp: 446832

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.468 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041638.D

Acq: 23 May 2024 18:52

Tgt Ion:180 Resp: 143799

Ion Ratio Lower Upper

180 100

182 95.8 46.9 140.6

145 28.8 17.8 53.5

