

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037687.D
 Acq On : 13 Sep 2023 12:03
 Operator : JC/MD
 Sample : VX0913WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:17:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	208932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154324	45.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.300%
35) Dibromofluoromethane	5.385	113	122660	49.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.647	98	456604	49.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	163602	48.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41652	18.183	ug/l	96
3) Chloromethane	1.301	50	42551	16.306	ug/l	97
4) Vinyl Chloride	1.374	62	49852	16.982	ug/l	100
5) Bromomethane	1.599	94	39072	15.912	ug/l	99
6) Chloroethane	1.685	64	34587	17.136	ug/l	91
7) Trichlorofluoromethane	1.886	101	86583	17.827	ug/l	99
8) Diethyl Ether	2.136	74	34534	17.916	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	42234	19.398	ug/l	99
10) Methyl Iodide	2.453	142	48857	19.002	ug/l	95
11) Tert butyl alcohol	2.959	59	70827	94.467	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	38363	17.847	ug/l	90
13) Acrolein	2.233	56	48849	88.446	ug/l	98
14) Allyl chloride	2.660	41	66493	17.658	ug/l	97
15) Acrylonitrile	3.062	53	143566	92.608	ug/l	99
16) Acetone	2.380	43	128452	93.992	ug/l	92
17) Carbon Disulfide	2.514	76	90404	16.544	ug/l	100
18) Methyl Acetate	2.703	43	107088	18.555	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	156429	18.434	ug/l	99
20) Methylene Chloride	2.788	84	52084	18.919	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	44484	17.987	ug/l	89
22) Diisopropyl ether	3.764	45	150334	18.325	ug/l #	90
23) Vinyl Acetate	3.721	43	561506	93.839	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85276	17.838	ug/l	99
25) 2-Butanone	4.562	43	202299	90.784	ug/l	95
26) 2,2-Dichloropropane	4.477	77	64988	19.543	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	54333	18.016	ug/l	93
28) Bromochloromethane	4.897	49	43404	17.971	ug/l	88
29) Tetrahydrofuran	5.007	42	128358	90.454	ug/l	91
30) Chloroform	5.093	83	93486	18.108	ug/l	98
31) Cyclohexane	5.471	56	70194	18.033	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	78403	18.246	ug/l	98
36) 1,1-Dichloropropene	5.696	75	63170	18.898	ug/l	98
37) Ethyl Acetate	4.721	43	74881	19.578	ug/l	96
38) Carbon Tetrachloride	5.678	117	66281	19.410	ug/l	99
39) Methylcyclohexane	7.379	83	79715	20.153	ug/l	95
40) Benzene	6.038	78	194802	19.223	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38939	19.328	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	74716	18.864	ug/l	97
43) Isopropyl Acetate	6.342	43	119174	19.531	ug/l	96
44) Trichloroethene	7.129	130	50262	19.852	ug/l	96
45) 1,2-Dichloropropane	7.434	63	52343	19.573	ug/l	99
46) Dibromomethane	7.580	93	38444	19.760	ug/l	95
47) Bromodichloromethane	7.824	83	69377	19.753	ug/l	98
48) Methyl methacrylate	7.696	41	57592	19.525	ug/l #	88
49) 1,4-Dioxane	7.659	88	29999	410.500	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	399771	99.775	ug/l	97
52) Toluene	8.720	92	126477	19.412	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	70189	19.711	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78554	20.104	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	55571	20.255	ug/l	95
56) Ethyl methacrylate	9.116	69	83228	19.827	ug/l	92
57) 1,3-Dichloropropane	9.311	76	89352	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	202003	99.246	ug/l	100
59) 2-Hexanone	9.433	43	308123	99.626	ug/l	95
60) Dibromochloromethane	9.519	129	53094	19.702	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57709	19.569	ug/l	98
64) Tetrachloroethene	9.275	164	43375	20.580	ug/l	99
65) Chlorobenzene	10.079	112	134885	19.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49147	20.567	ug/l	99
67) Ethyl Benzene	10.195	91	243182	19.709	ug/l	98
68) m/p-Xylenes	10.299	106	187014	39.750	ug/l	98
69) o-Xylene	10.640	106	92148	19.645	ug/l	99
70) Styrene	10.659	104	149857	19.582	ug/l	96
71) Bromoform	10.799	173	36772	19.666	ug/l #	99
73) Isopropylbenzene	10.963	105	241605	20.413	ug/l	99
74) N-amyl acetate	10.842	43	103653	20.083	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	88137	19.899	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	91956	26.458	ug/l	91
77) Bromobenzene	11.201	156	57949	20.660	ug/l	90
78) n-propylbenzene	11.305	91	279494	20.525	ug/l	99
79) 2-Chlorotoluene	11.366	91	167947	20.036	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	205082	20.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22240	19.451	ug/l	94
82) 4-Chlorotoluene	11.457	91	188229	19.658	ug/l	97
83) tert-Butylbenzene	11.713	119	197594	19.773	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	204370	20.378	ug/l	98
85) sec-Butylbenzene	11.890	105	252471	20.464	ug/l	100
86) p-Isopropyltoluene	12.012	119	210215	20.794	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105892	19.662	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	106546	19.249	ug/l	98
89) n-Butylbenzene	12.329	91	179876	19.645	ug/l	97
90) Hexachloroethane	12.536	117	33871	19.855	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	106124	19.695	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17692	19.453	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	63816	19.886	ug/l	96
94) Hexachlorobutadiene	13.725	225	29218	21.796	ug/l	98
95) Naphthalene	13.774	128	228287	19.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	64398	19.559	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

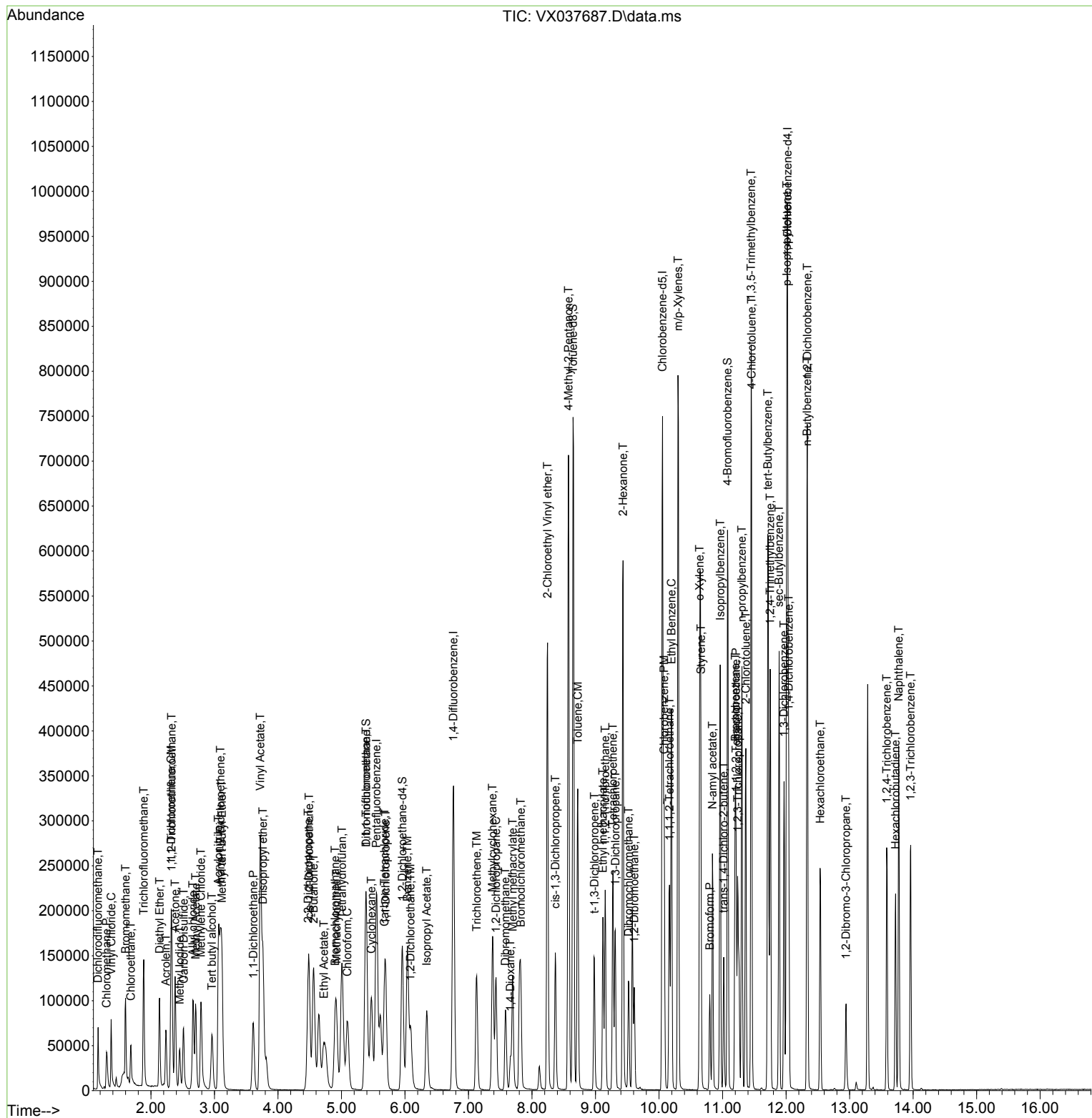
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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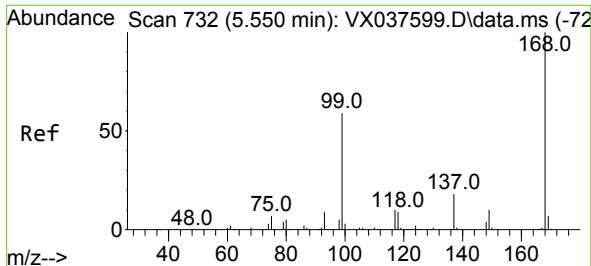
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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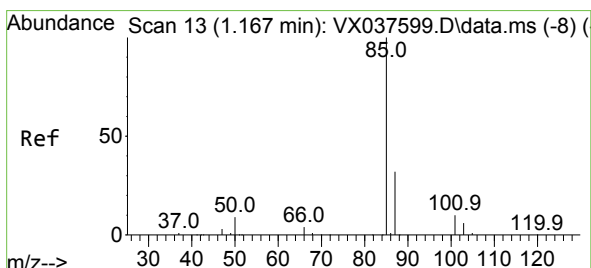
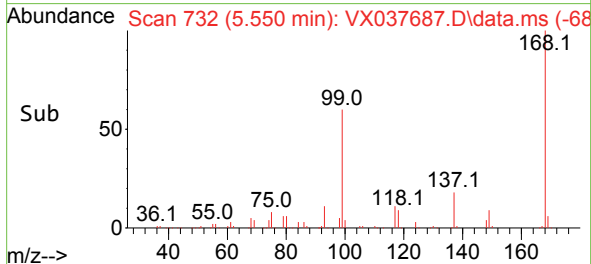
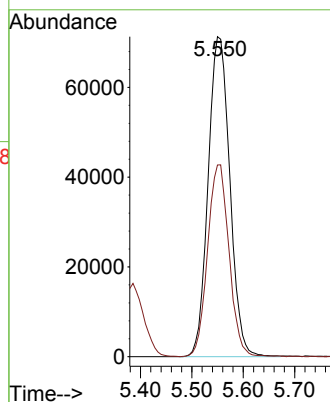
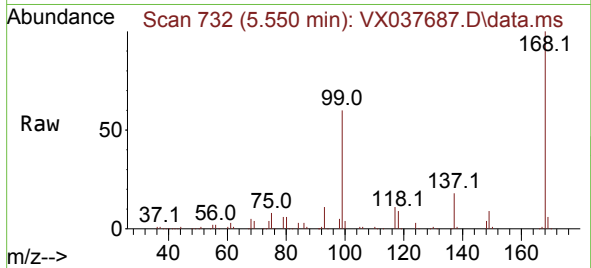




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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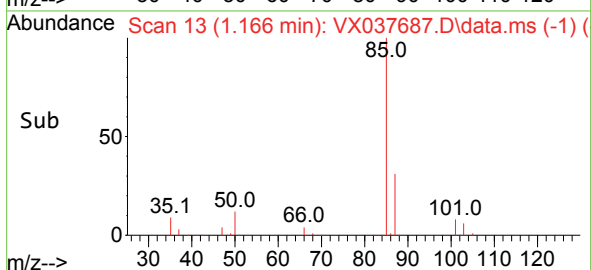
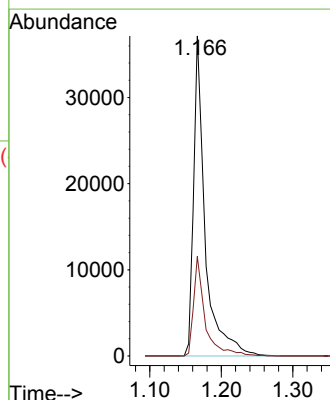
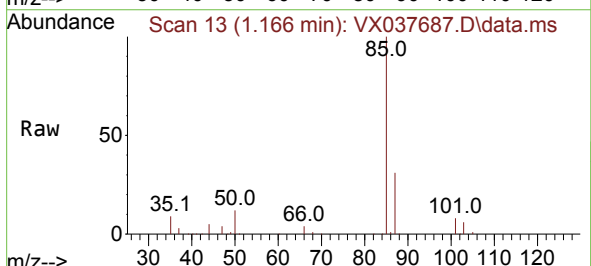
Instrument :
MSVOA_X
ClientSampleId :

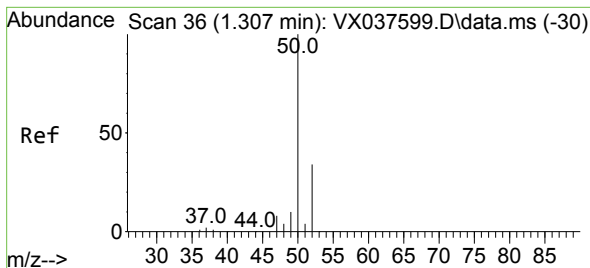
Tgt Ion:168 Resp: 208932
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 18.183 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 85 Resp: 41652
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





#3

Chloromethane

Concen: 16.306 ug/l

RT: 1.301 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

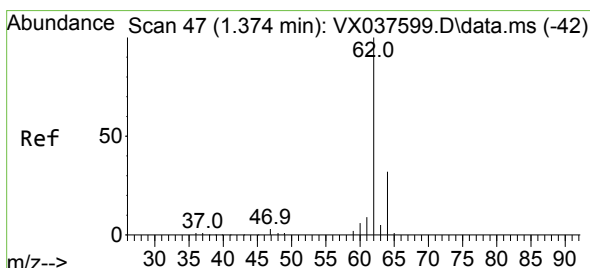
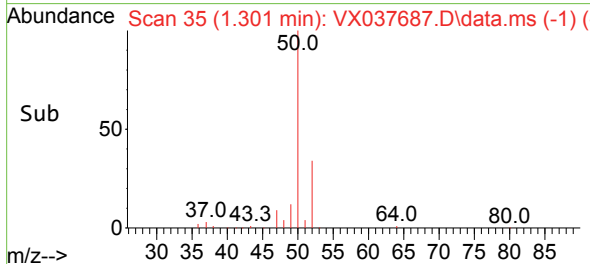
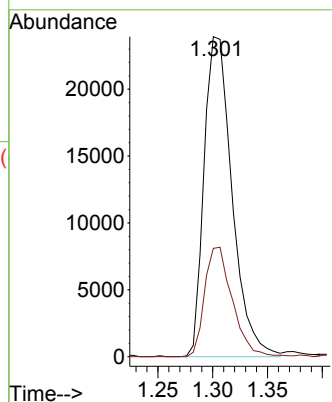
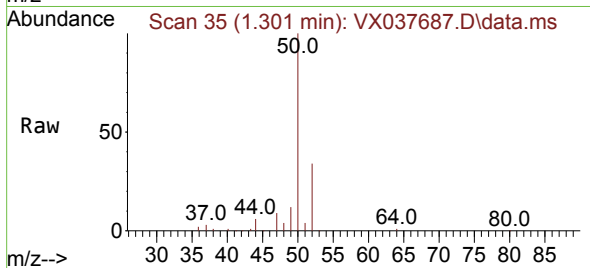
ClientSampleId :

Tgt Ion: 50 Resp: 42551

Ion Ratio Lower Upper

50 100

52 33.8 25.5 38.3



#4

Vinyl Chloride

Concen: 16.982 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037687.D

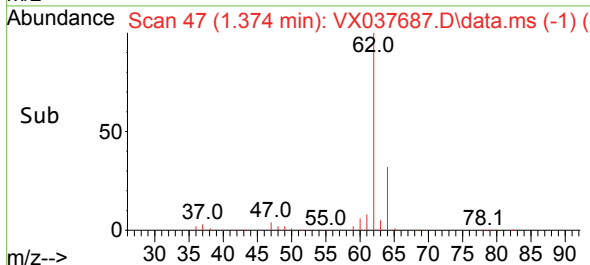
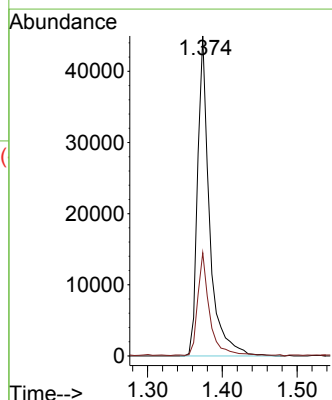
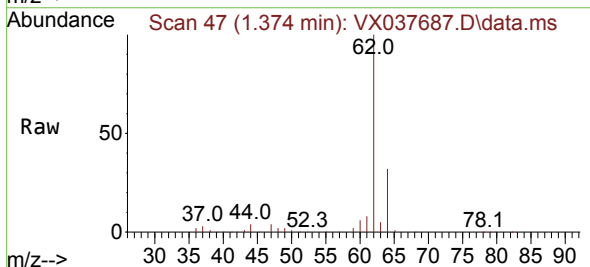
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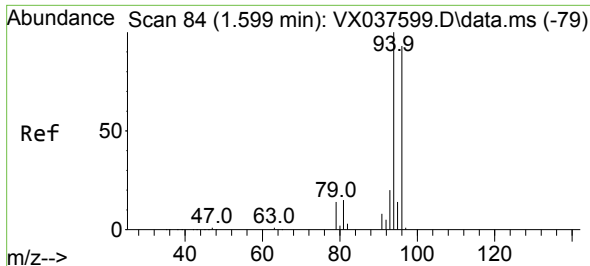
Tgt Ion: 62 Resp: 49852

Ion Ratio Lower Upper

62 100

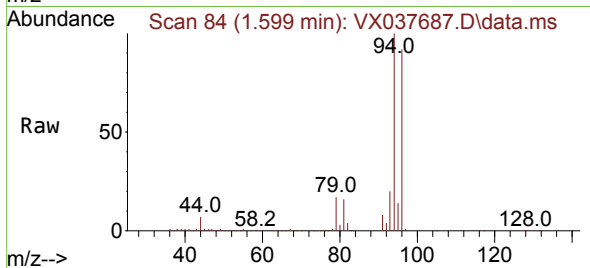
64 31.9 25.4 38.0



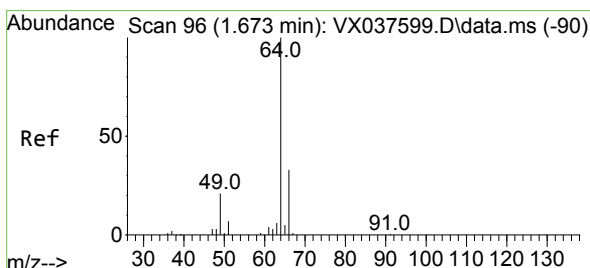
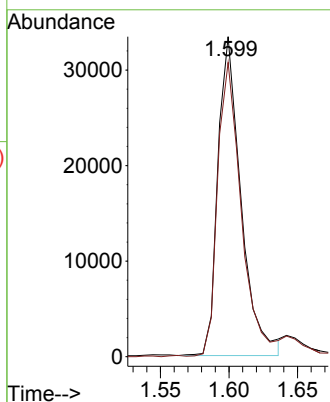
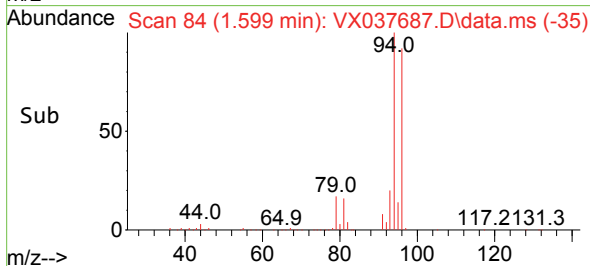


#5
Bromomethane
Concen: 15.912 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

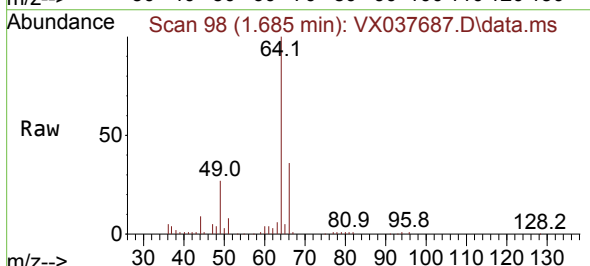
Instrument :
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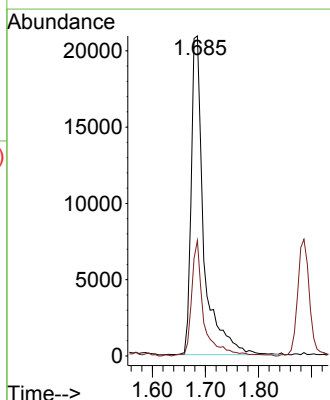
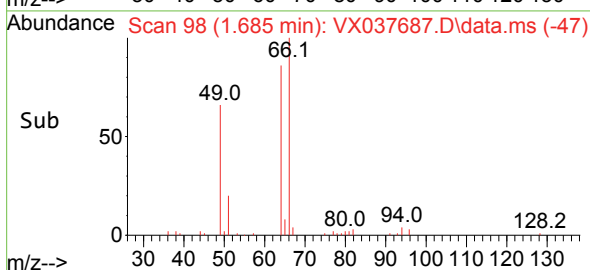
Tgt Ion: 94 Resp: 39072
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

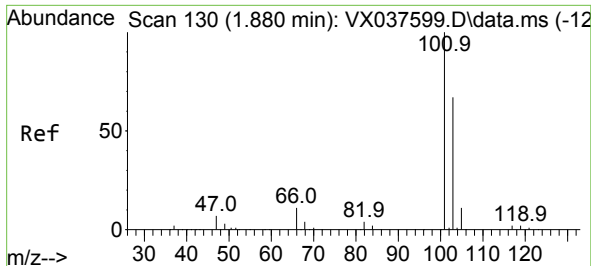


#6
Chloroethane
Concen: 17.136 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.012 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03



Tgt Ion: 64 Resp: 34587
Ion Ratio Lower Upper
64 100
66 36.2 25.1 37.7

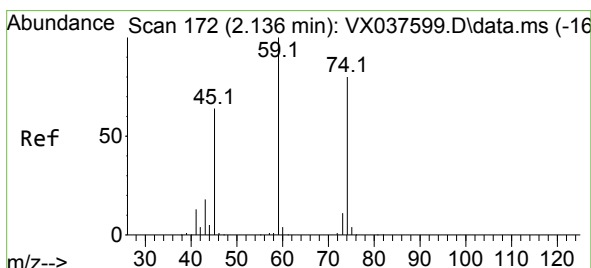
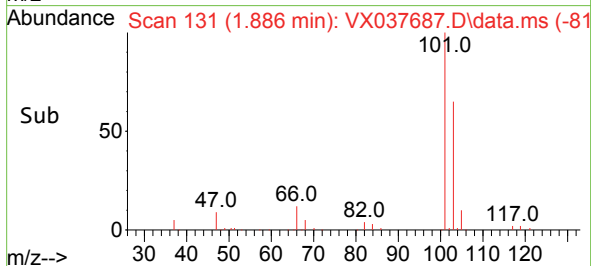
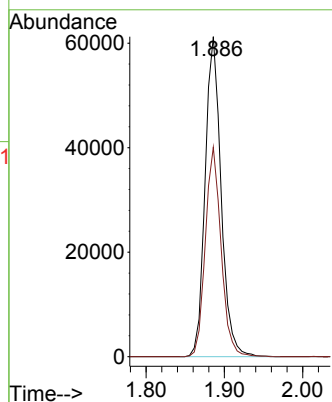
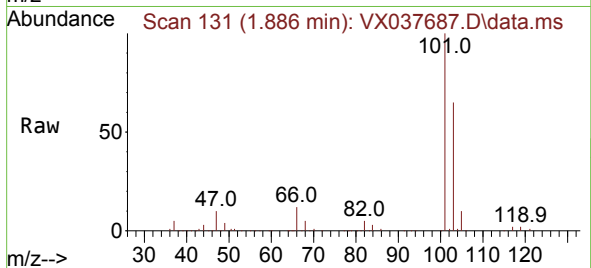




#7
Trichlorofluoromethane
Concen: 17.827 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

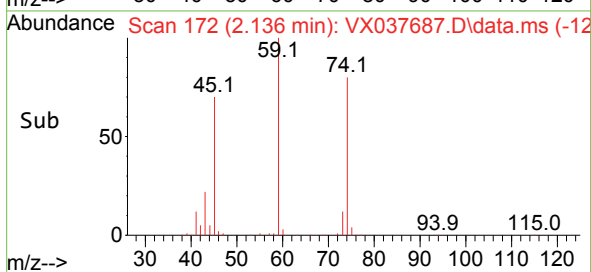
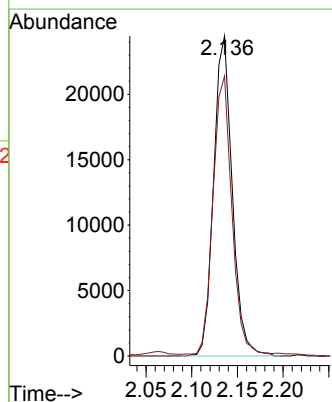
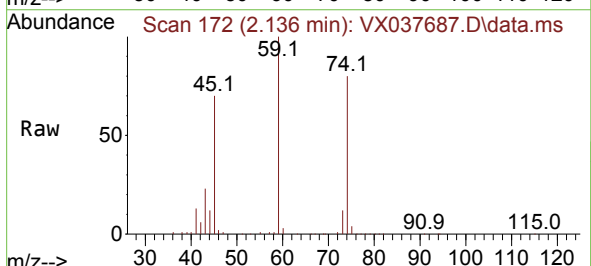
Instrument :
MSVOA_X
ClientSampleId :

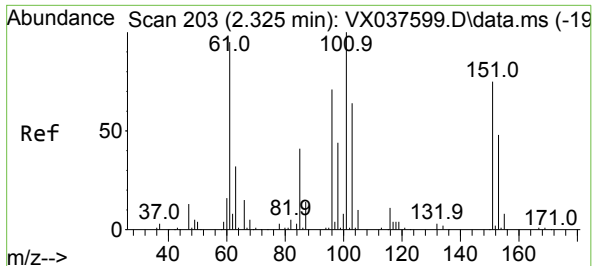
Tgt Ion:101 Resp: 86583
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



#8
Diethyl Ether
Concen: 17.916 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 74 Resp: 34534
Ion Ratio Lower Upper
74 100
45 87.4 53.3 159.8

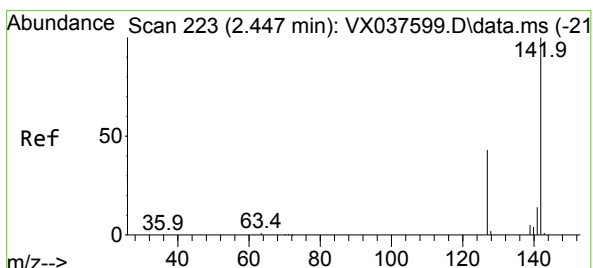
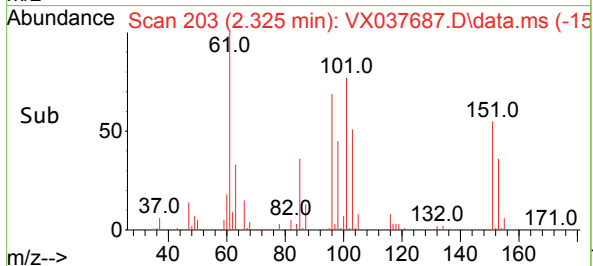
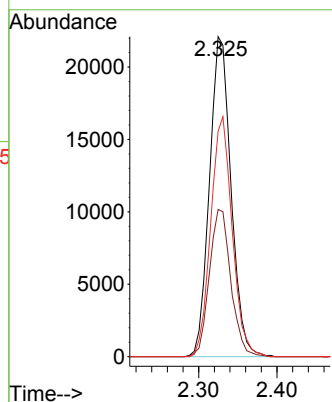
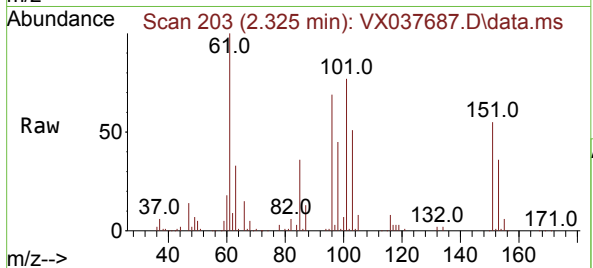




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.398 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

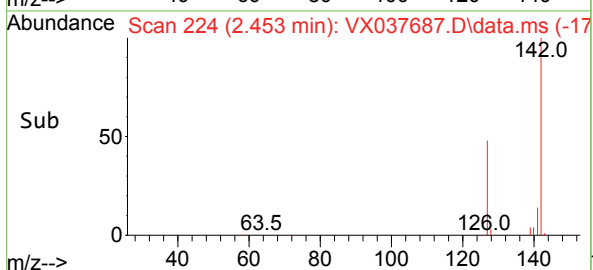
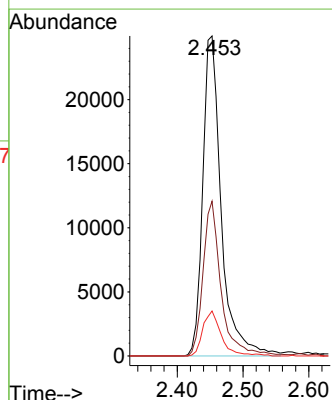
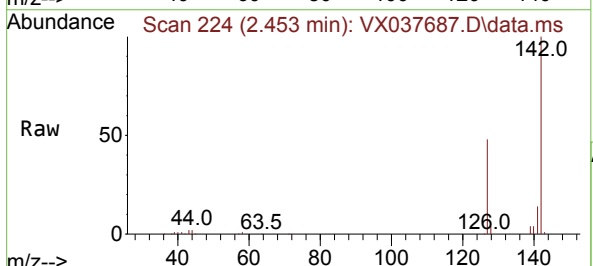
Instrument :
MSVOA_X
ClientSampleId :

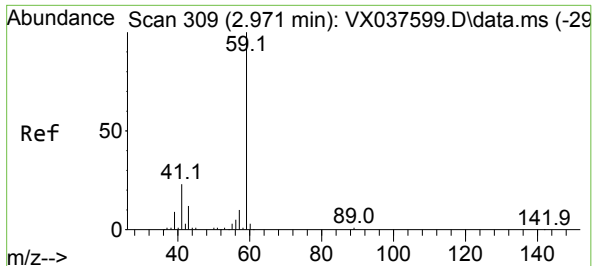
Tgt Ion:101 Resp: 42234
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 74.7 58.6 87.8



#10
Methyl Iodide
Concen: 19.002 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion:142 Resp: 48857
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 94.467 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

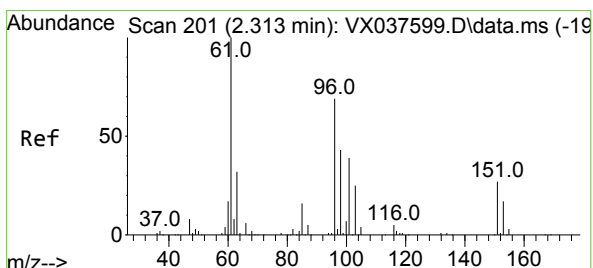
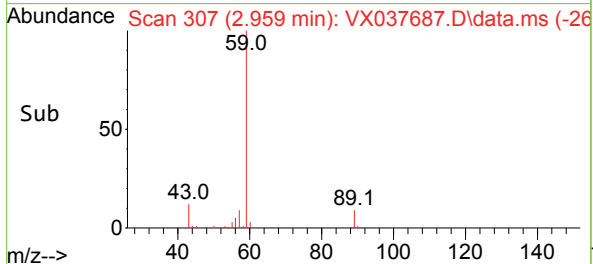
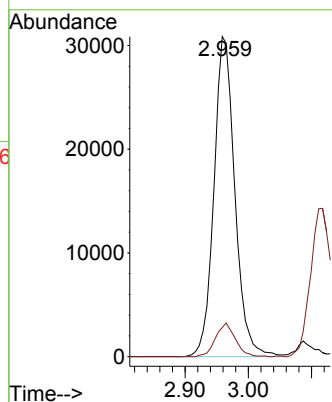
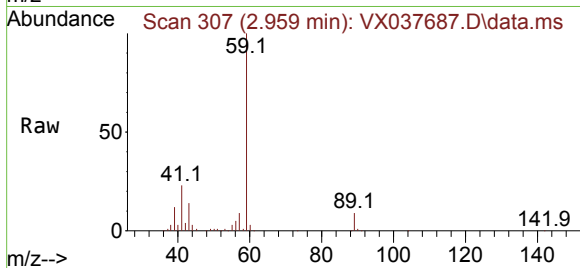
ClientSampleId :

Tgt Ion: 59 Resp: 70827

Ion Ratio Lower Upper

59 100

57 9.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 17.847 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

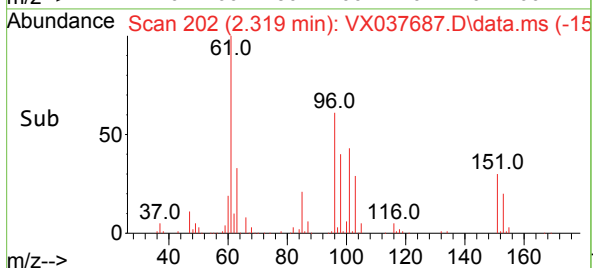
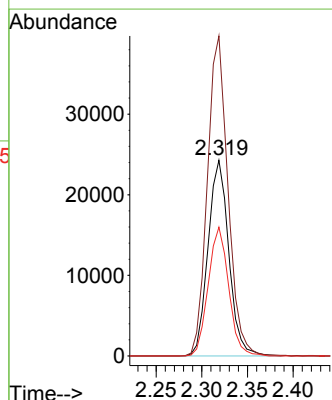
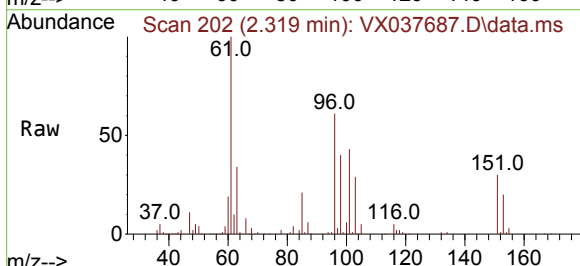
Tgt Ion: 96 Resp: 38363

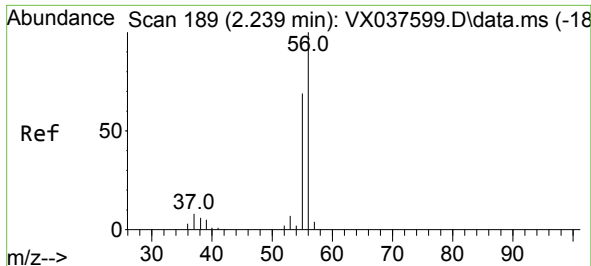
Ion Ratio Lower Upper

96 100

61 163.5 144.6 216.8

98 65.8 50.4 75.6





#13

Acrolein

Concen: 88.446 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

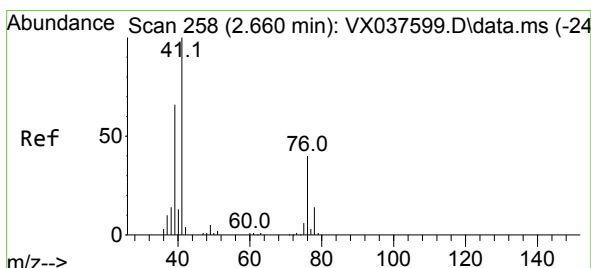
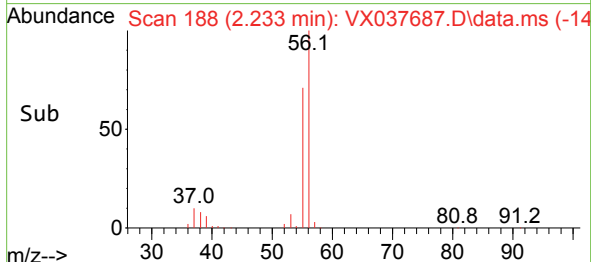
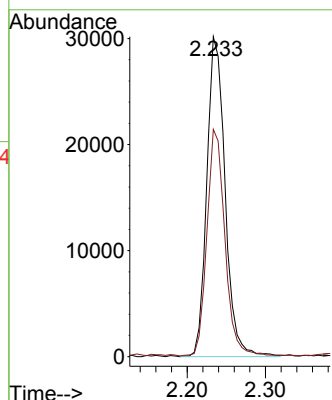
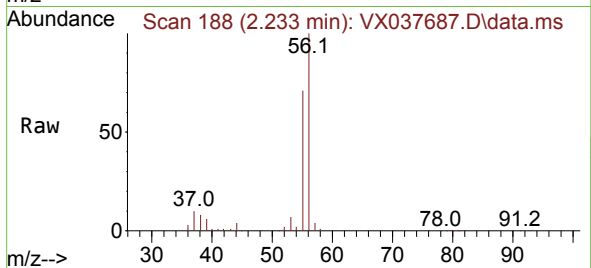
ClientSampleId :

Tgt Ion: 56 Resp: 48849

Ion Ratio Lower Upper

56 100

55 70.1 57.1 85.7



#14

Allyl chloride

Concen: 17.658 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

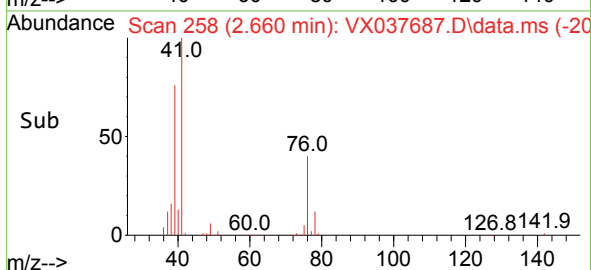
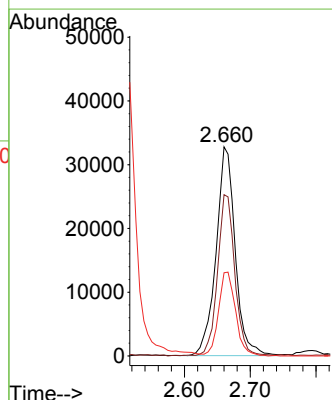
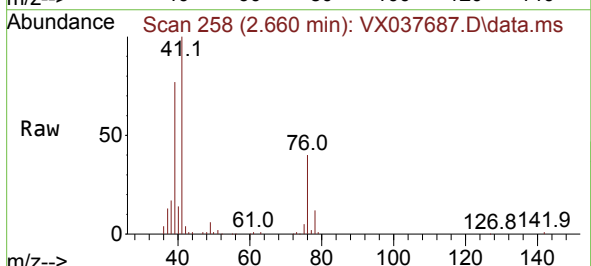
Tgt Ion: 41 Resp: 66493

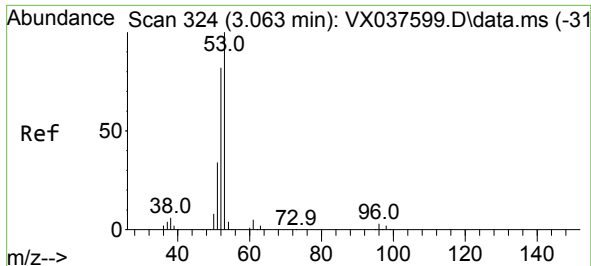
Ion Ratio Lower Upper

41 100

39 69.1 55.8 83.6

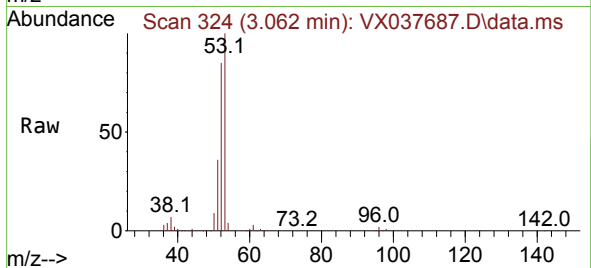
76 35.5 24.3 36.5



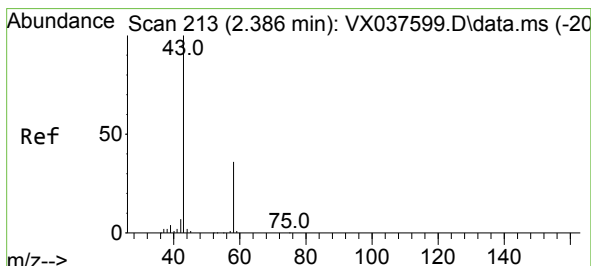
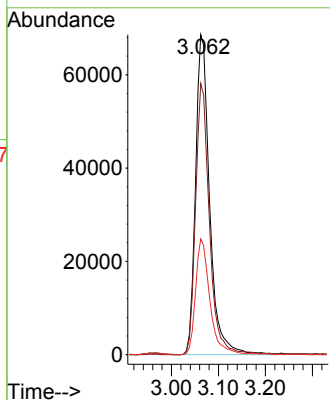
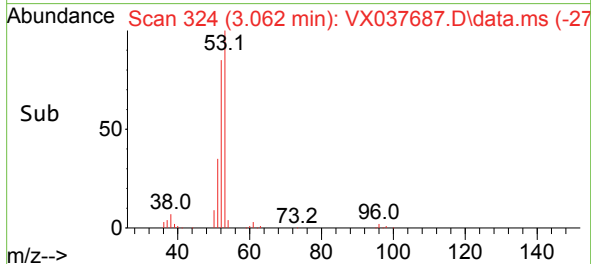


#15
Acrylonitrile
Concen: 92.608 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

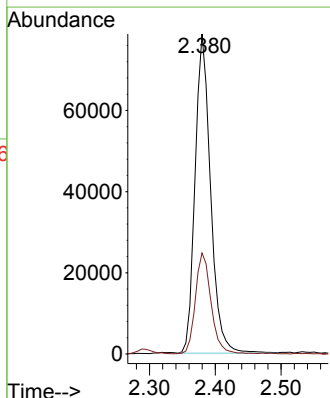
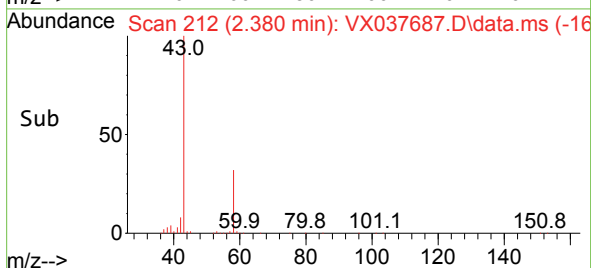
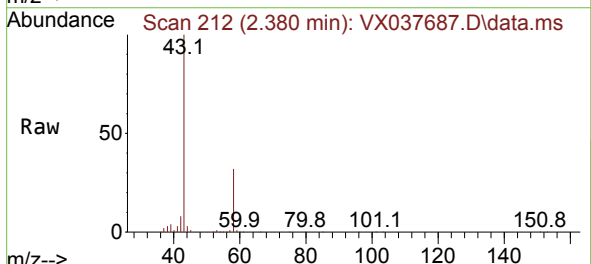


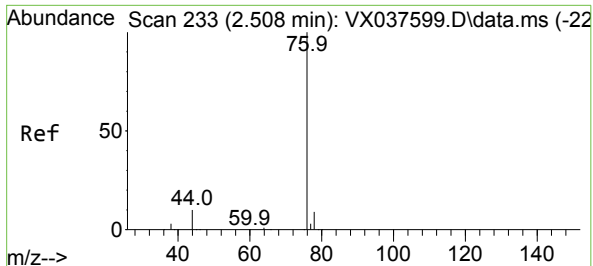
Tgt Ion: 53 Resp: 143566
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 36.9 29.8 44.6



#16
Acetone
Concen: 93.992 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 43 Resp: 128452
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#17

Carbon Disulfide

Concen: 16.544 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

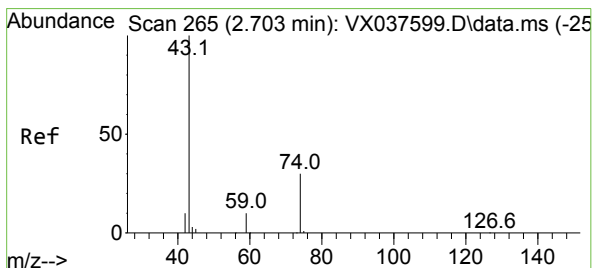
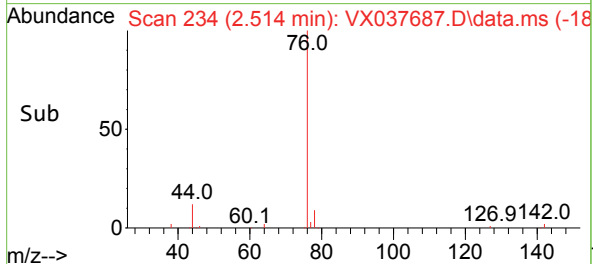
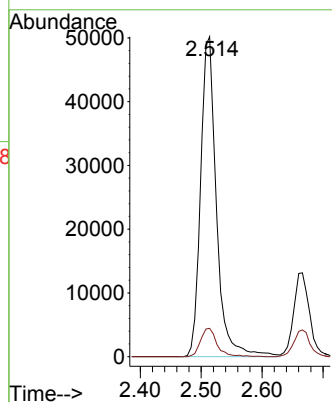
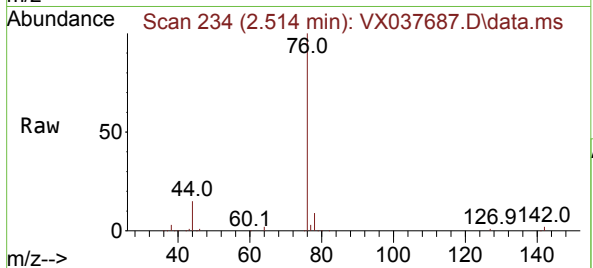
ClientSampleId :

Tgt Ion: 76 Resp: 90404

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 18.555 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037687.D

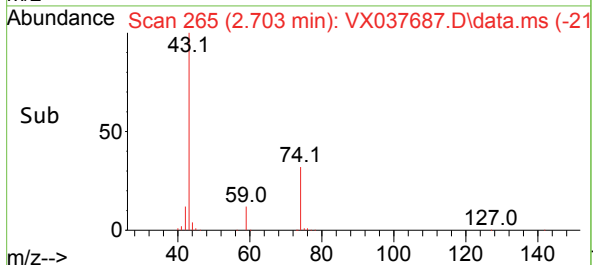
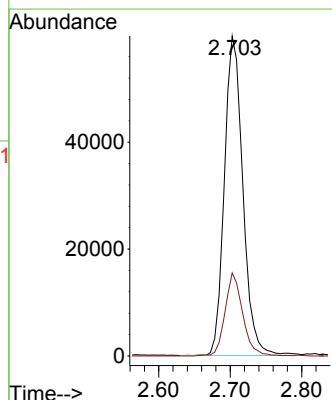
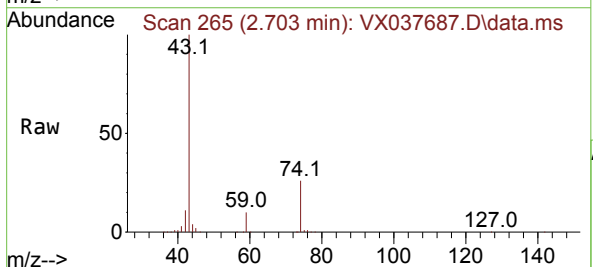
Acq: 13 Sep 2023 12:03

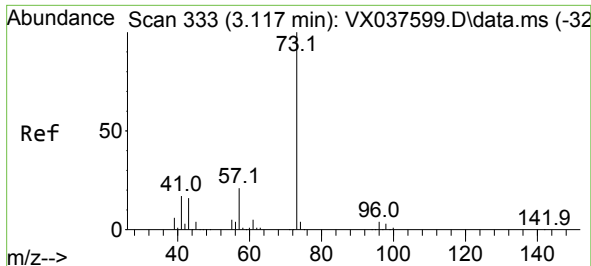
Tgt Ion: 43 Resp: 107088

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8

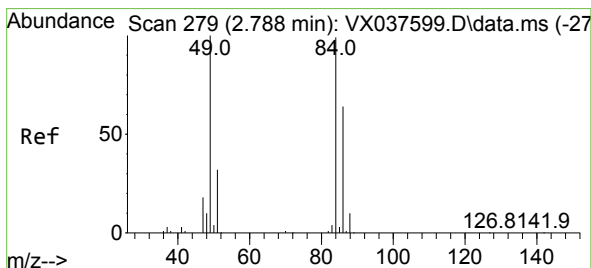
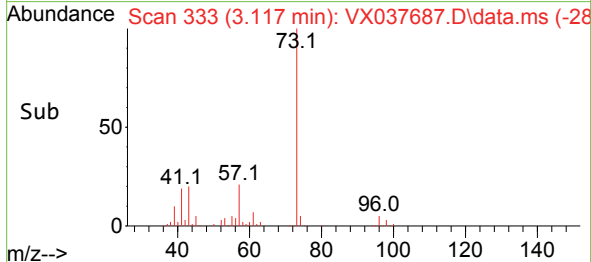
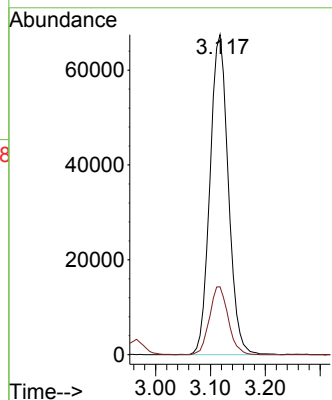
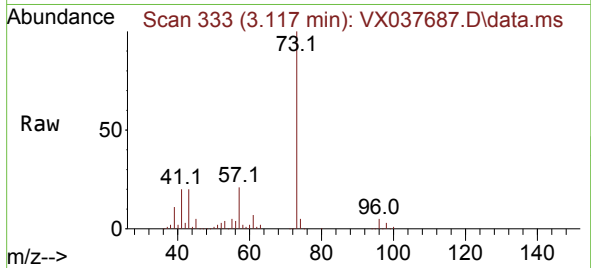




#19
Methyl tert-butyl Ether
Concen: 18.434 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

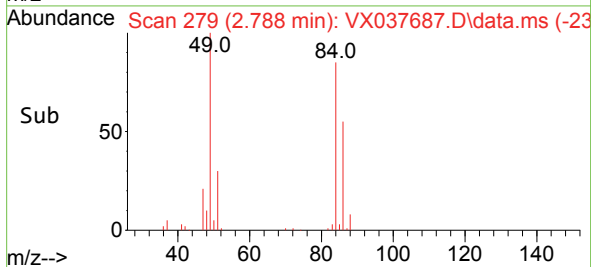
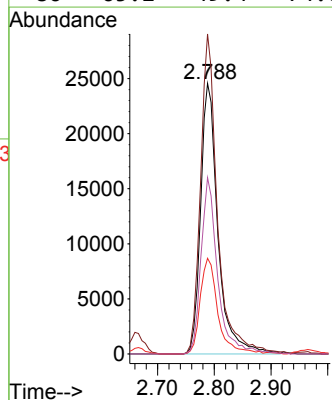
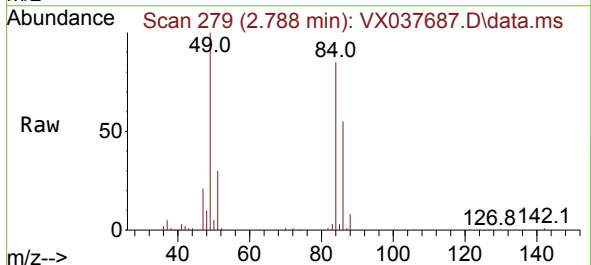
Instrument :
MSVOA_X
ClientSampleId :

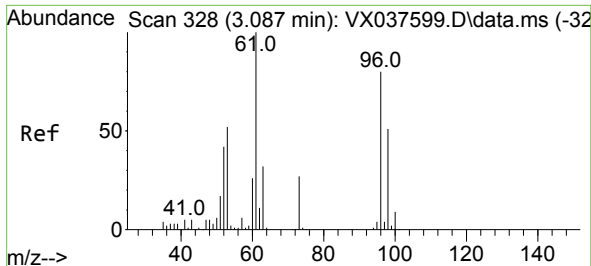
Tgt Ion: 73 Resp: 156429
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 18.919 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

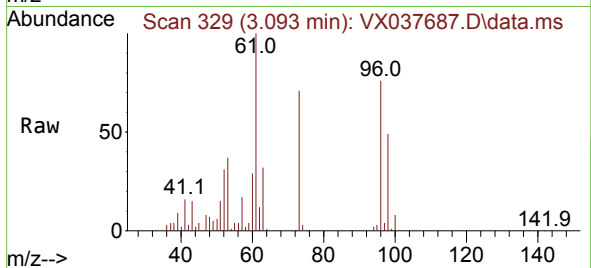
Tgt Ion: 84 Resp: 52084
Ion Ratio Lower Upper
84 100
49 118.3 103.6 155.4
51 35.4 33.8 50.6
86 65.2 49.4 74.0





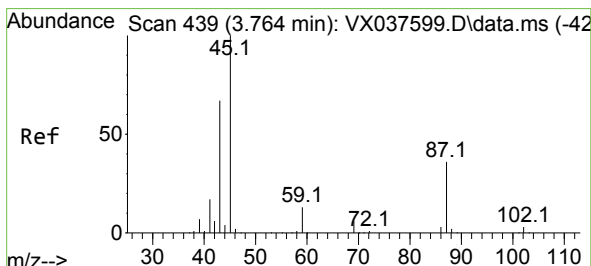
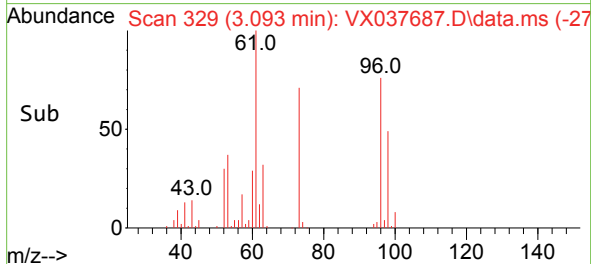
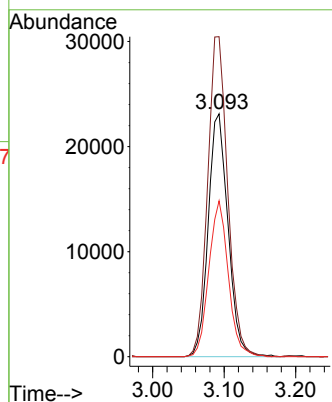
#21
trans-1,2-Dichloroethene
Concen: 17.987 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 44484

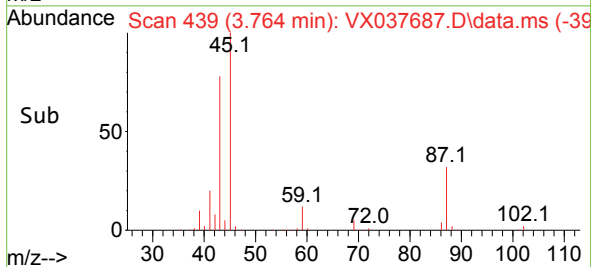
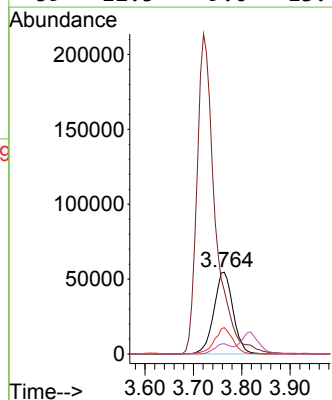
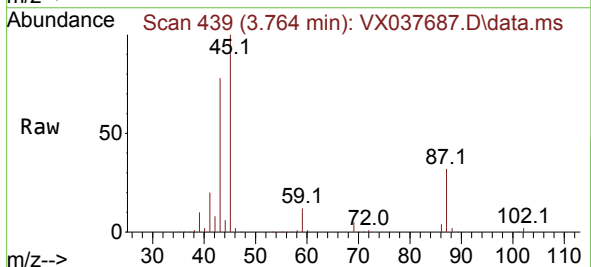
Ion	Ratio	Lower	Upper
96	100		
61	131.8	119.2	178.8
98	64.2	48.7	73.1

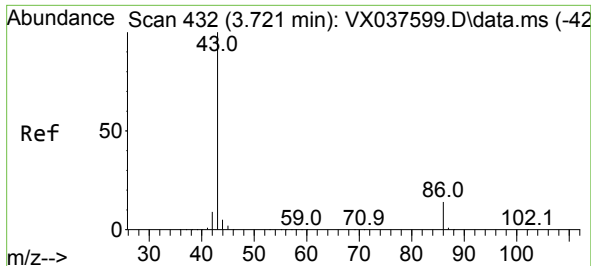


#22
Diisopropyl ether
Concen: 18.325 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 45 Resp: 150334

Ion	Ratio	Lower	Upper
45	100		
43	77.9	69.7	104.5
87	32.3	20.8	31.2#
59	12.5	9.0	13.4

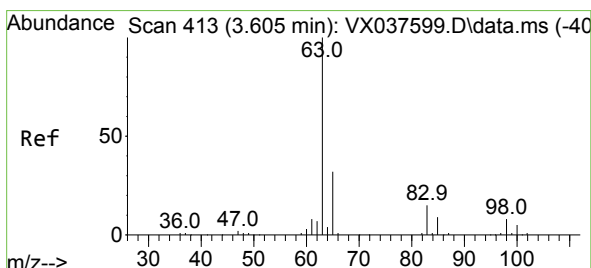
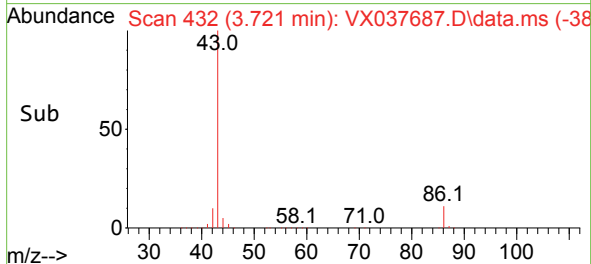
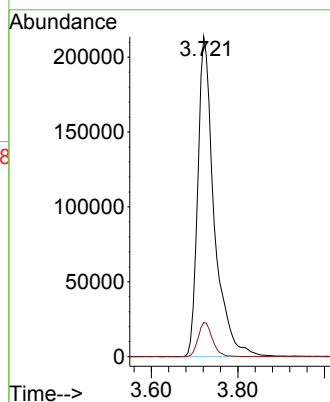
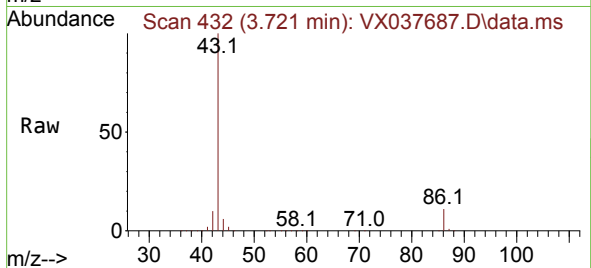




#23
 Vinyl Acetate
 Concen: 93.839 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

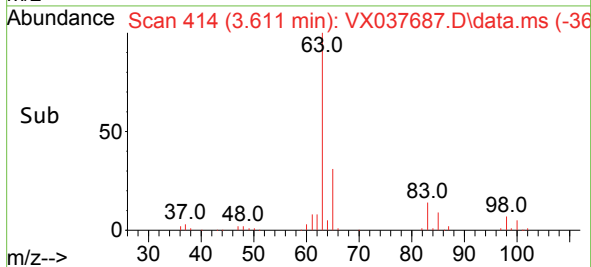
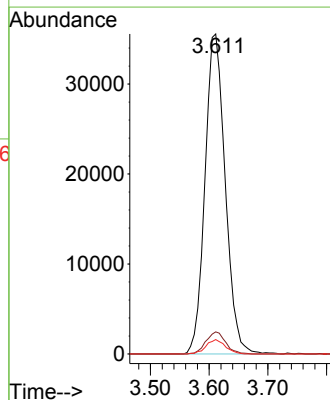
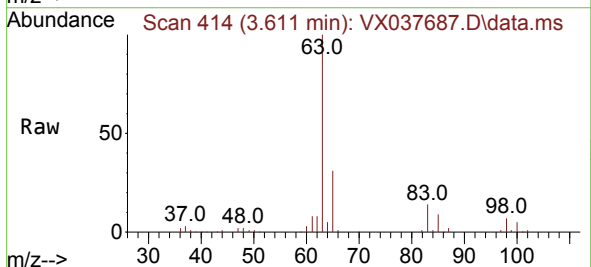
Instrument :
 MSVOA_X
 ClientSampleId :

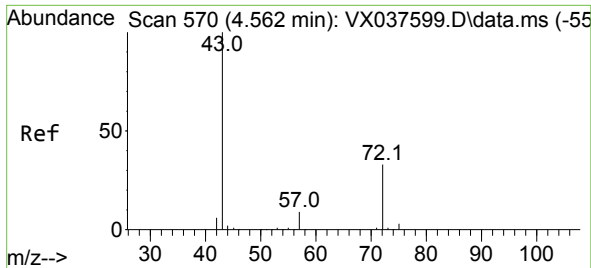
Tgt Ion: 43 Resp: 561506
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 17.838 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

Tgt Ion: 63 Resp: 85276
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.5 2.1 6.5

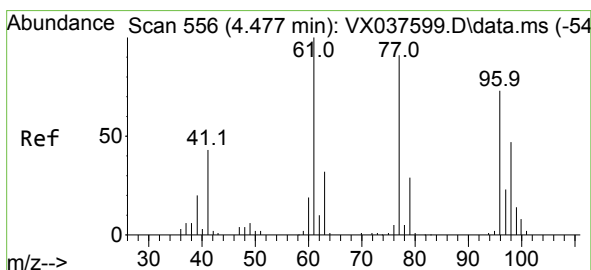
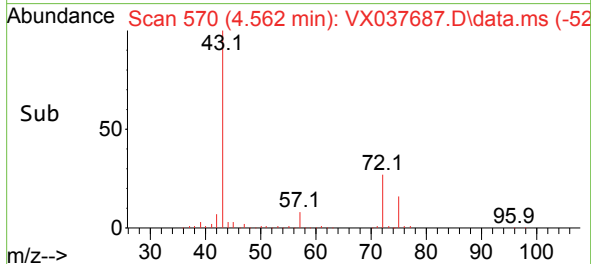
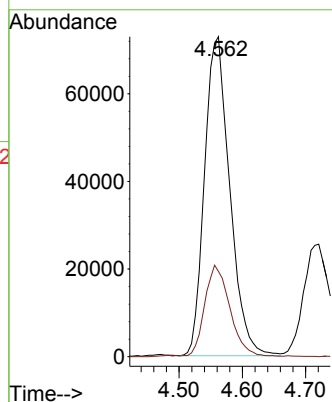
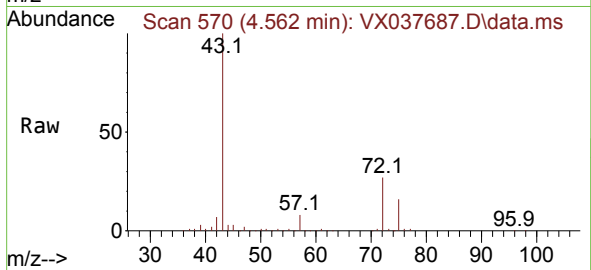




#25
2-Butanone
Concen: 90.784 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

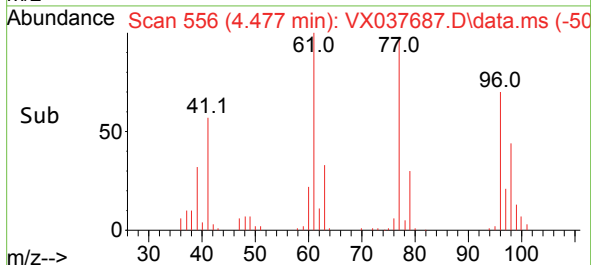
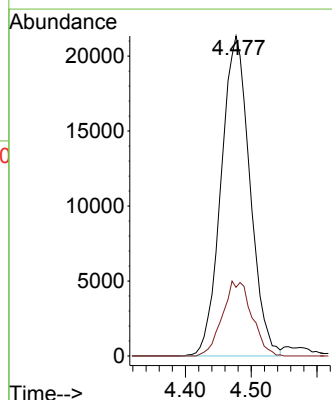
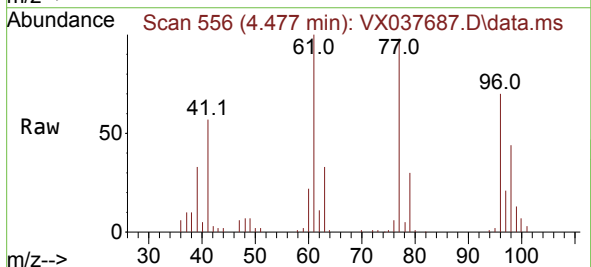
Instrument :
MSVOA_X
ClientSampleId :

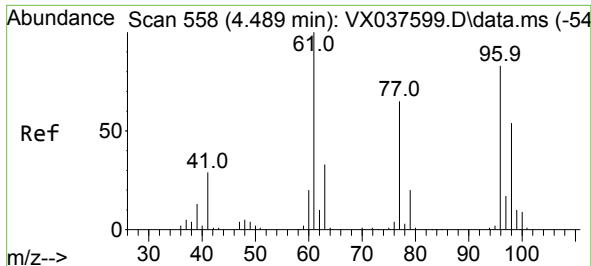
Tgt Ion: 43 Resp: 202299
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 19.543 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

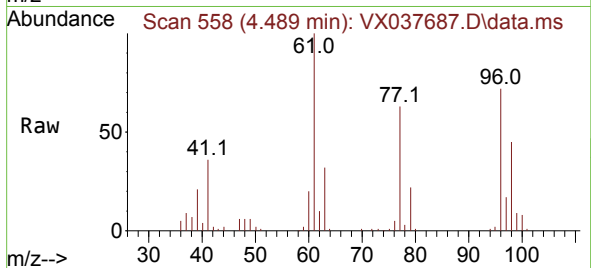
Tgt Ion: 77 Resp: 64988
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





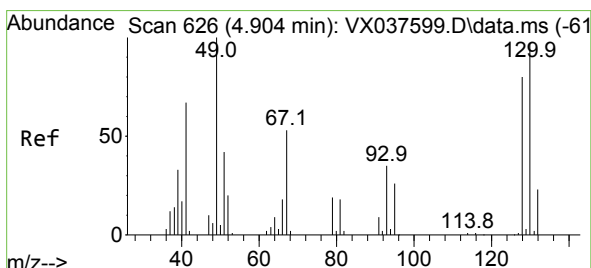
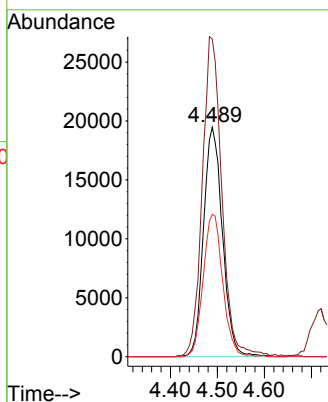
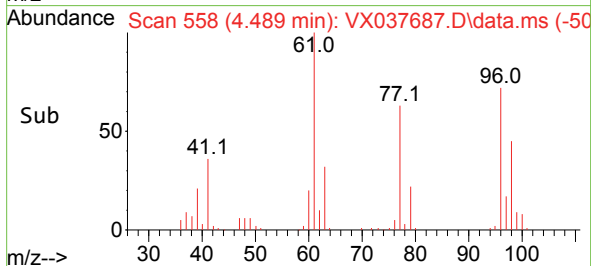
#27
 cis-1,2-Dichloroethene
 Concen: 18.016 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

Instrument :
 MSVOA_X
 ClientSampleId :

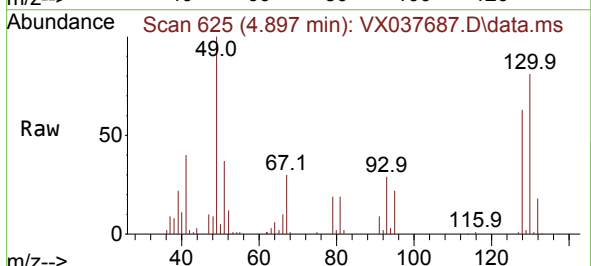


Tgt Ion: 96 Resp: 54333

Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	312.2
98	63.7	0.0	129.0

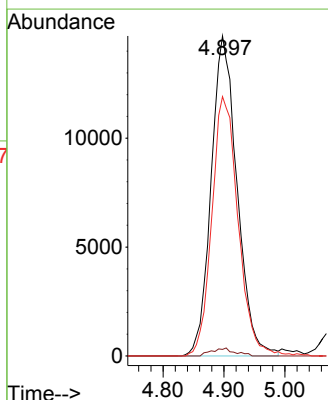
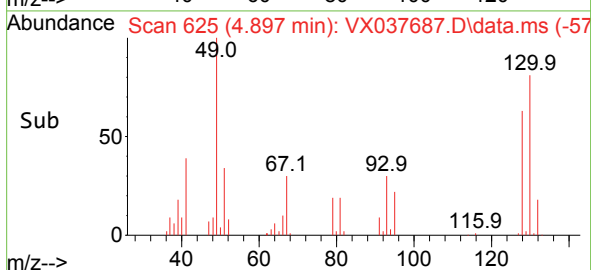


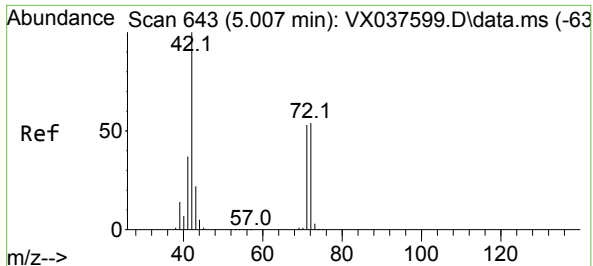
#28
 Bromochloromethane
 Concen: 17.971 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03



Tgt Ion: 49 Resp: 43404

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	82.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 90.454 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

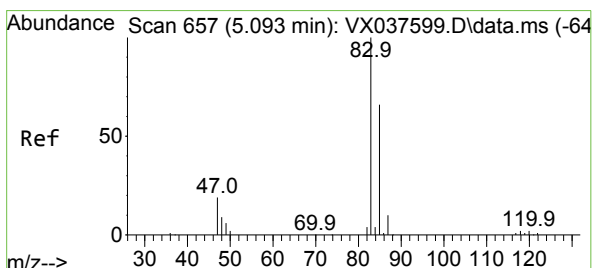
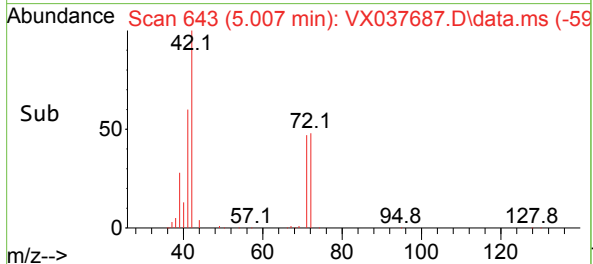
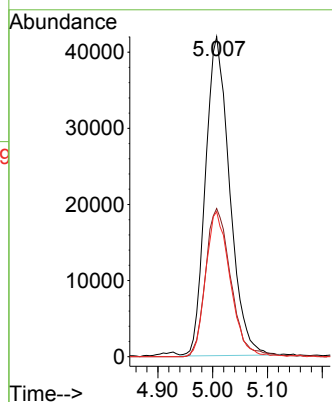
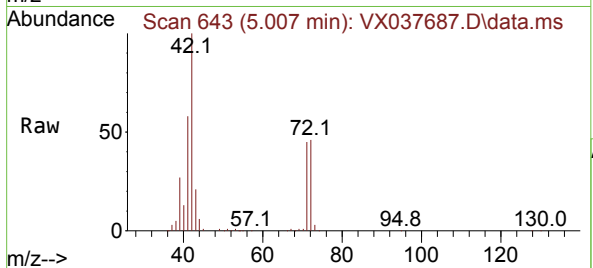
Tgt Ion: 42 Resp: 128358

Ion Ratio Lower Upper

42 100

72 48.7 34.2 51.4

71 46.2 32.2 48.2



#30

Chloroform

Concen: 18.108 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037687.D

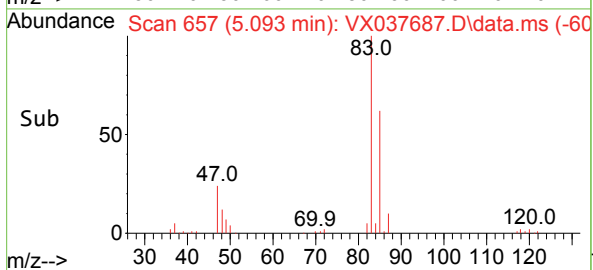
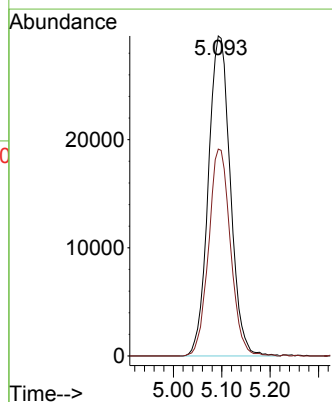
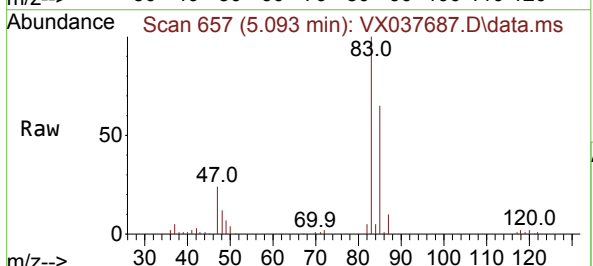
Acq: 13 Sep 2023 12:03

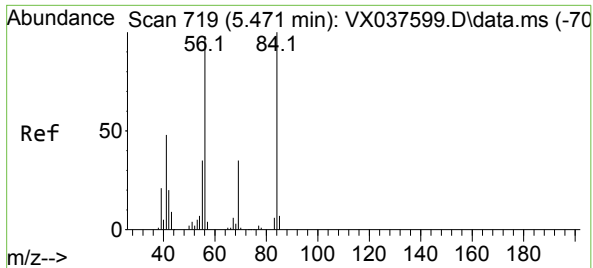
Tgt Ion: 83 Resp: 93486

Ion Ratio Lower Upper

83 100

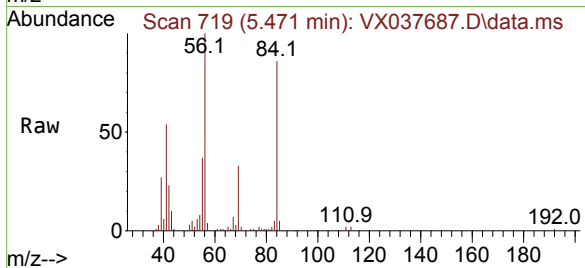
85 64.7 50.3 75.5



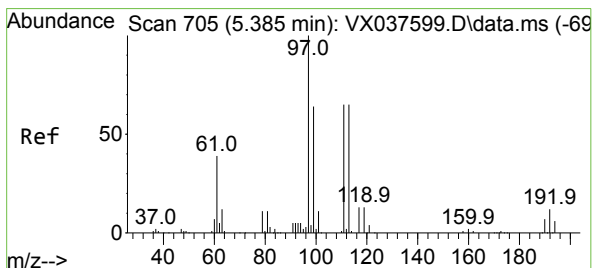
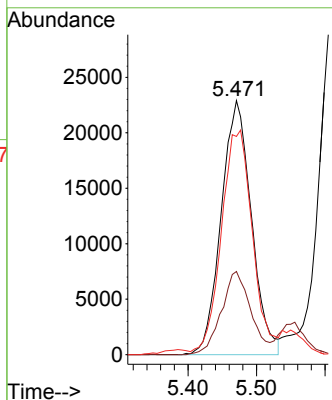
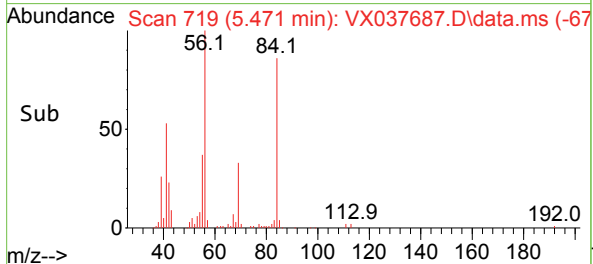


#31
Cyclohexane
Concen: 18.033 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

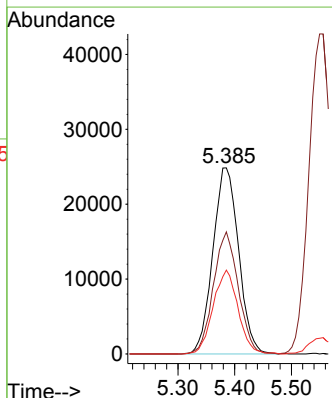
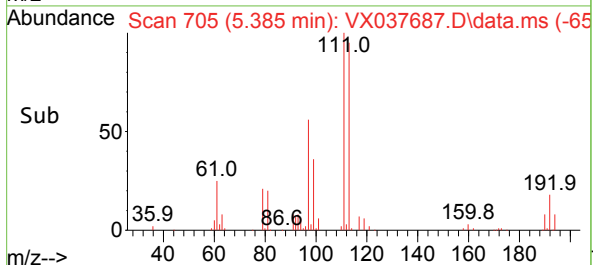
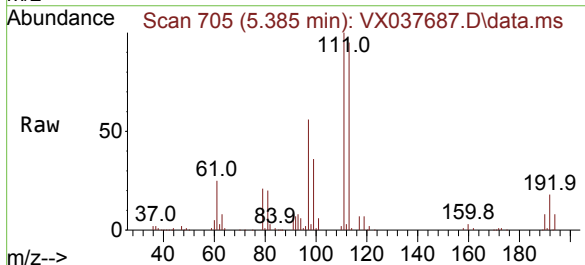


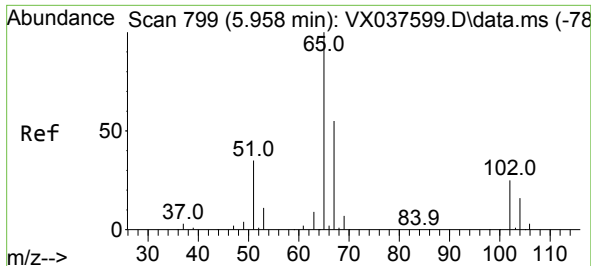
Tgt Ion: 56 Resp: 70194
Ion Ratio Lower Upper
56 100
69 32.7 23.4 35.2
84 83.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 18.246 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 97 Resp: 78403
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.653 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

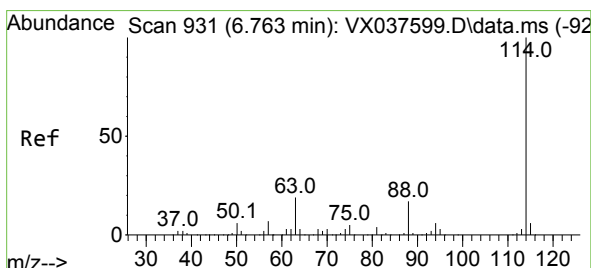
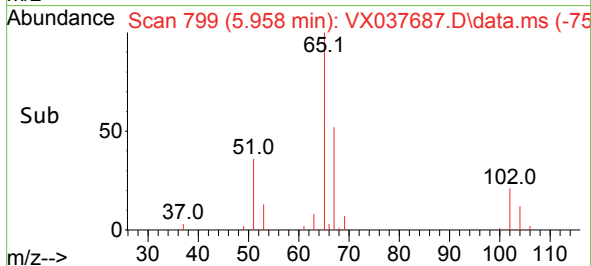
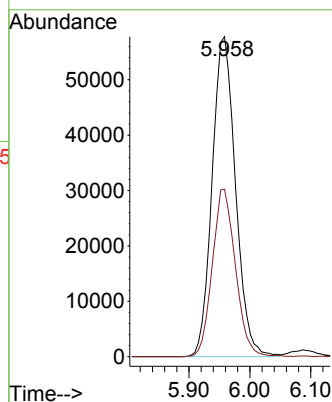
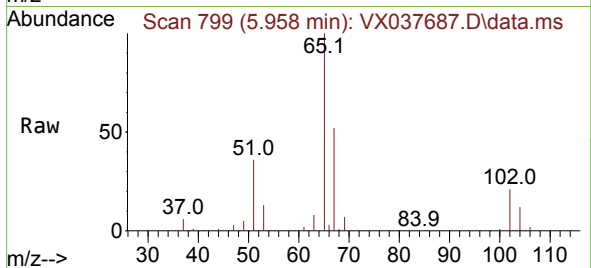
ClientSampleId :

Tgt Ion: 65 Resp: 154324

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

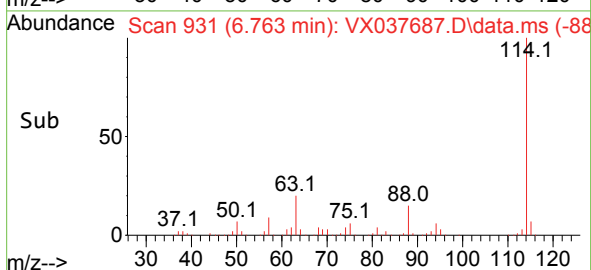
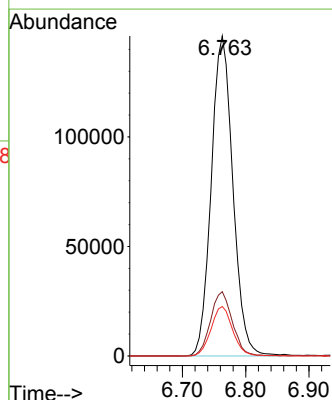
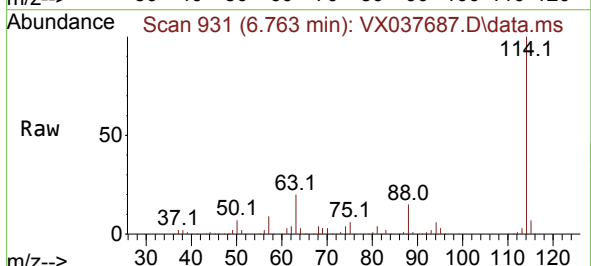
Tgt Ion: 114 Resp: 346664

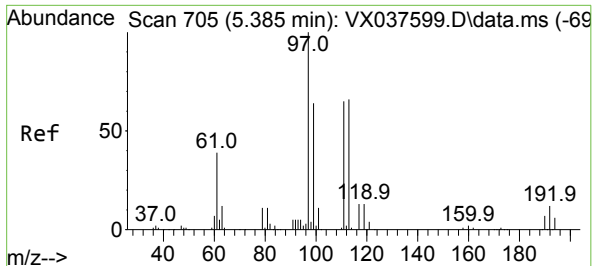
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

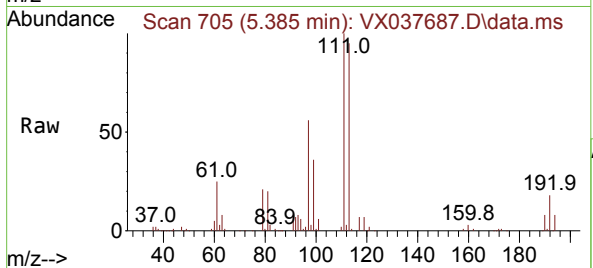
88 15.4 0.0 36.6



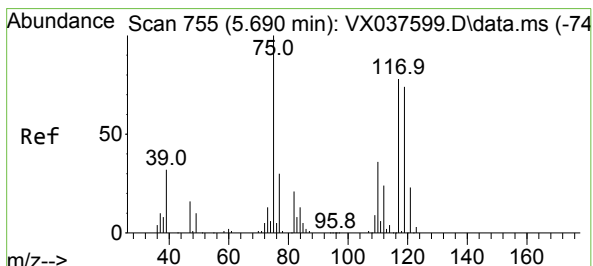
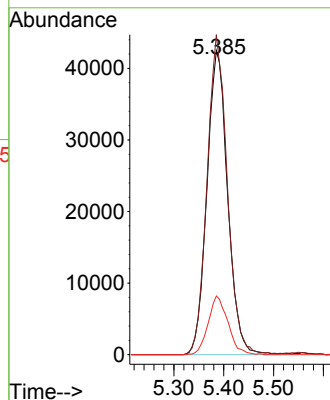
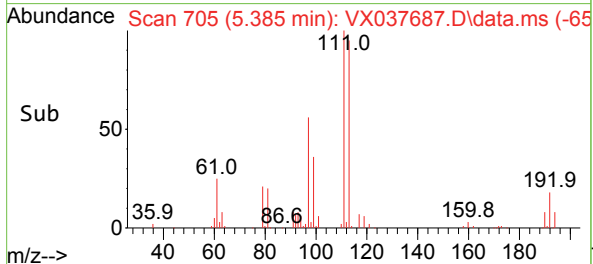


#35
Dibromofluoromethane
Concen: 49.919 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

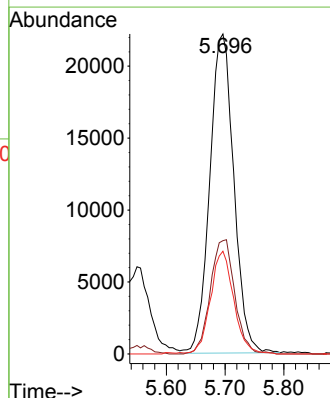
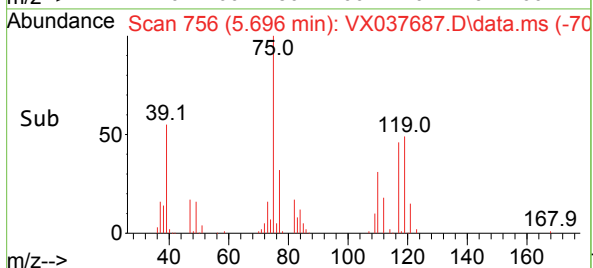
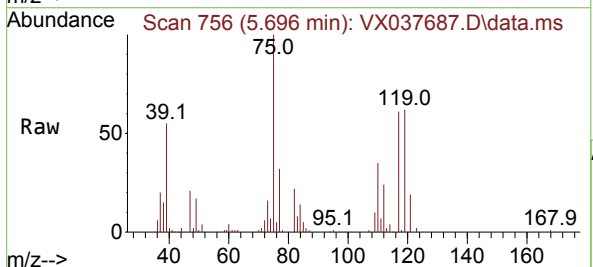


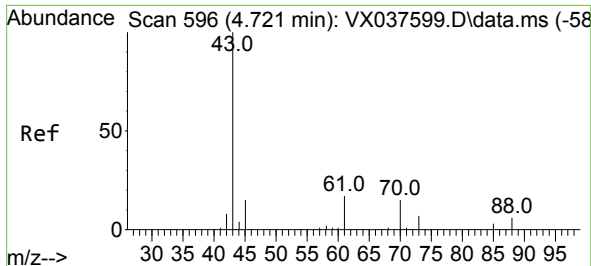
Tgt Ion:113 Resp: 122660
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 18.898 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 75 Resp: 63170
Ion Ratio Lower Upper
75 100
110 36.4 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 19.578 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

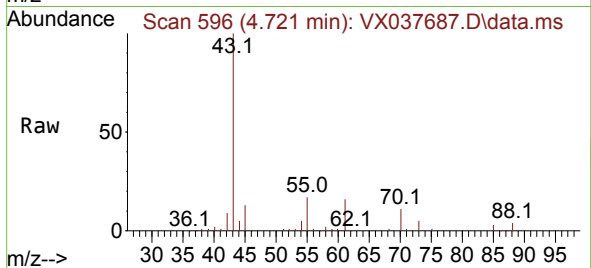
Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

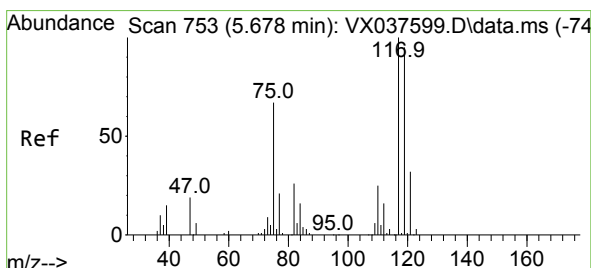
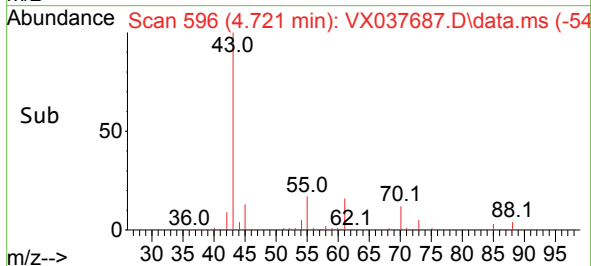
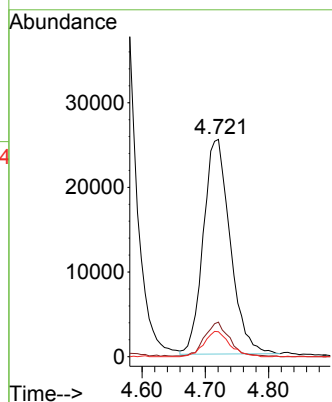
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	74881
Ion Ratio	Lower	Upper	
43	100		
61	15.2	10.6	16.0
70	11.3	8.3	12.5



#38

Carbon Tetrachloride

Concen: 19.410 ug/l

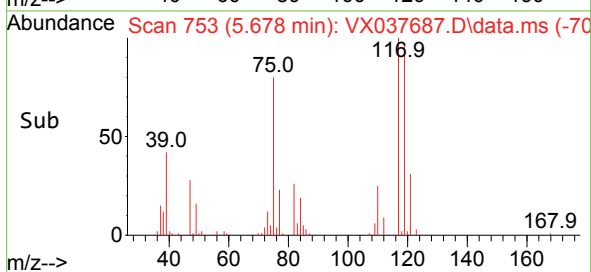
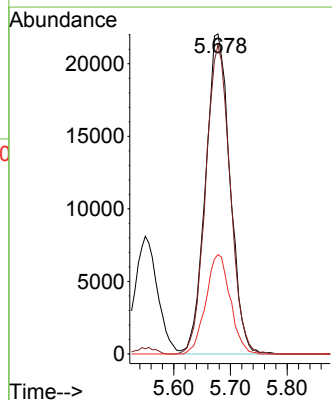
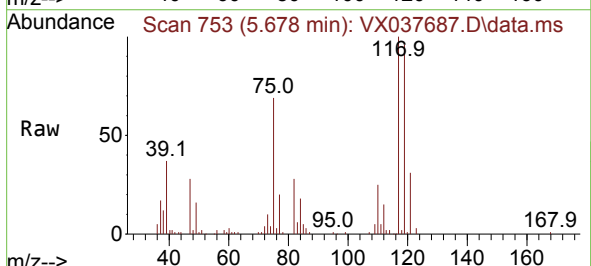
RT: 5.678 min Scan# 753

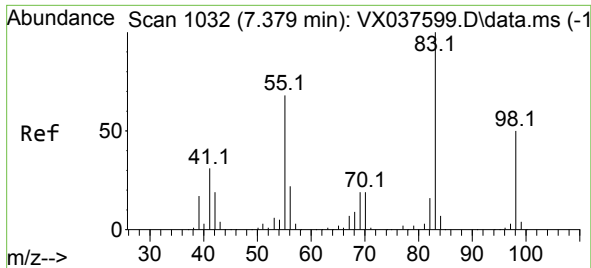
Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Tgt Ion:	117	Resp:	66281
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.2	117.2
121	31.0	24.4	36.6

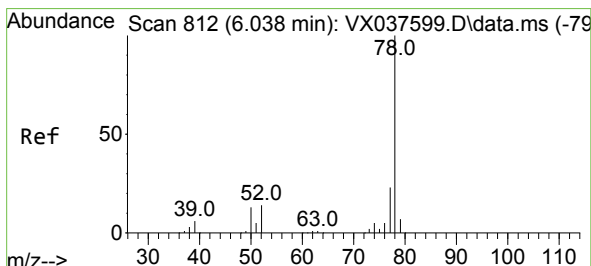
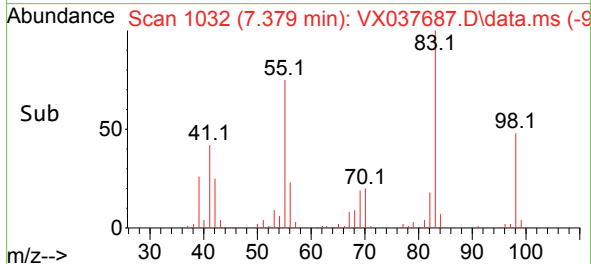
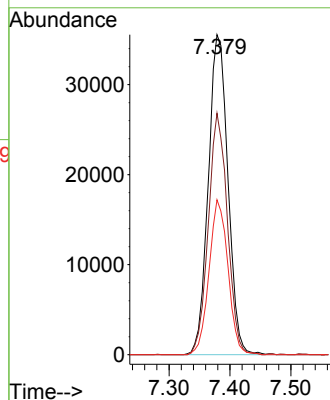
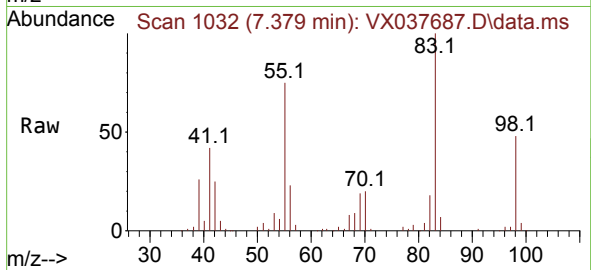




#39
Methylcyclohexane
Concen: 20.153 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

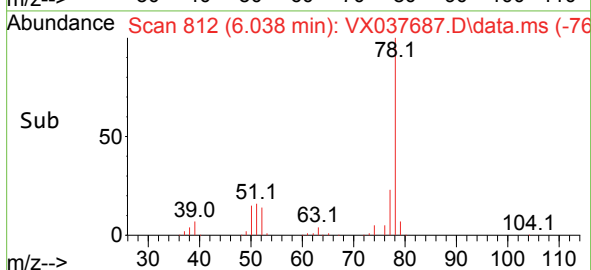
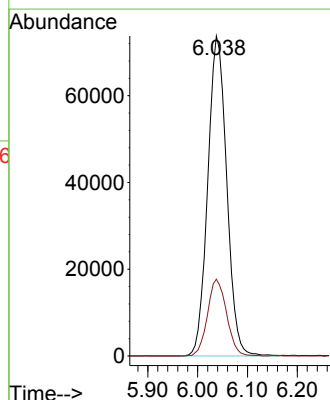
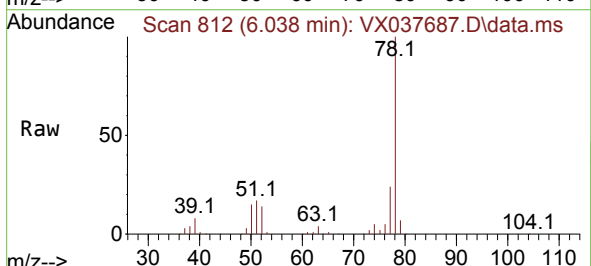
Instrument :
MSVOA_X
ClientSampleId :

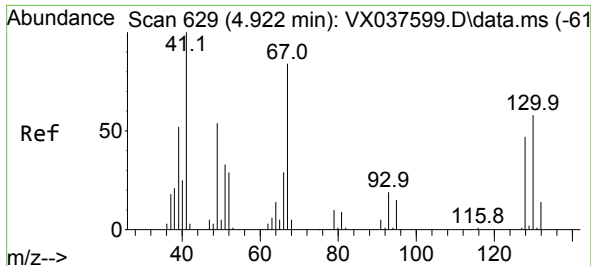
Tgt Ion: 83 Resp: 79715
Ion Ratio Lower Upper
83 100
55 75.5 64.6 97.0
98 48.4 36.7 55.1



#40
Benzene
Concen: 19.223 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 78 Resp: 194802
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

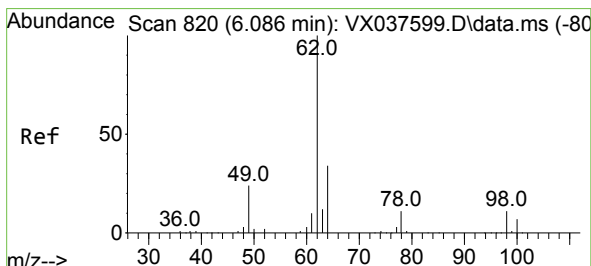
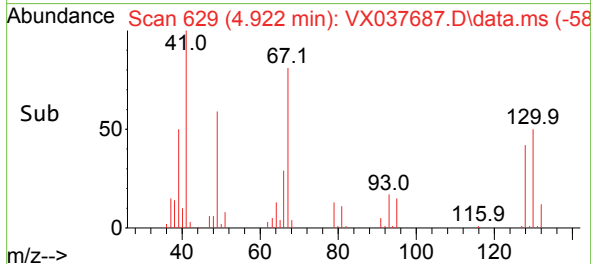
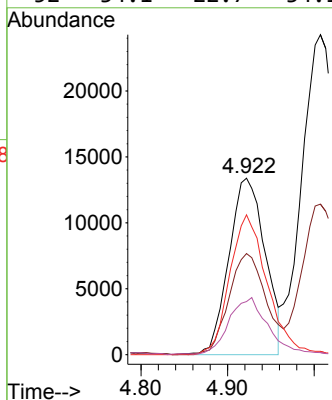
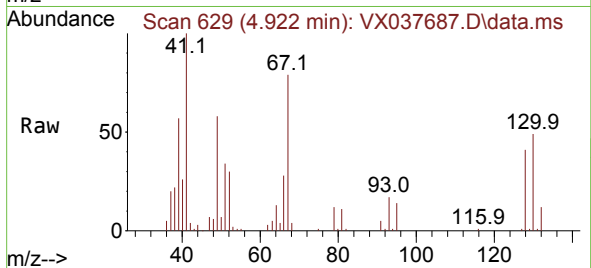




#41
Methacrylonitrile
Concen: 19.328 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

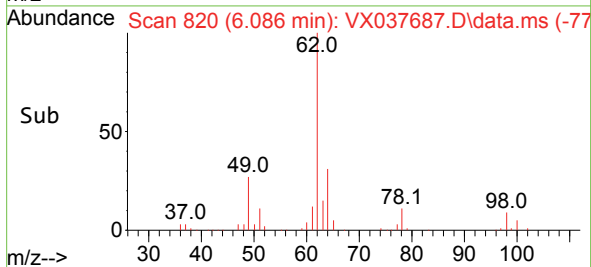
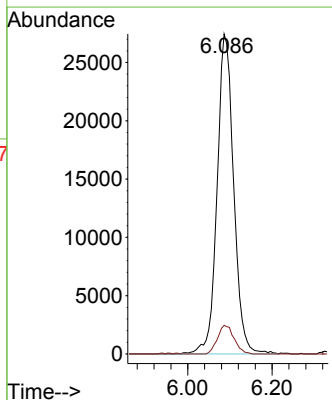
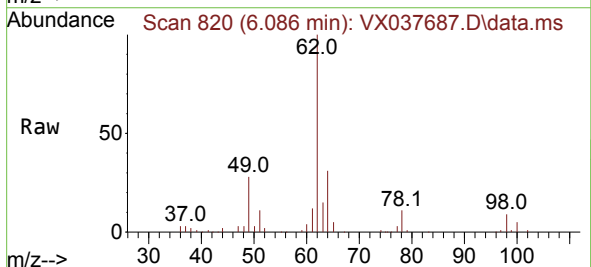
Instrument :
MSVOA_X
ClientSampleId :

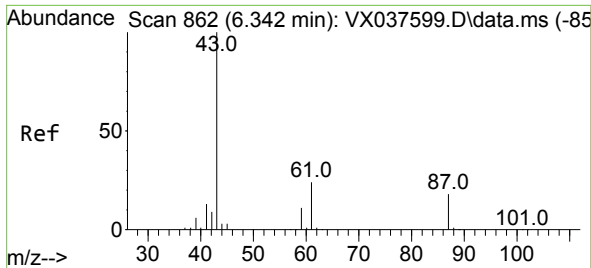
Tgt Ion:	41	Resp:	38939
Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.2	67.8
67	82.5	52.6	78.8#
52	34.1	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 18.864 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion:	62	Resp:	74716
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0

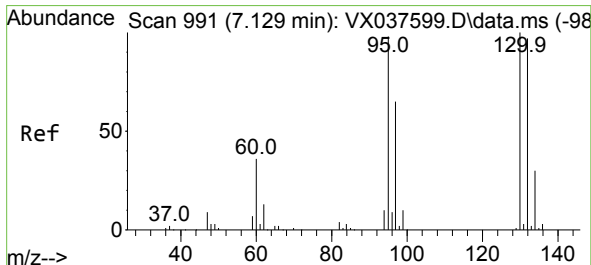
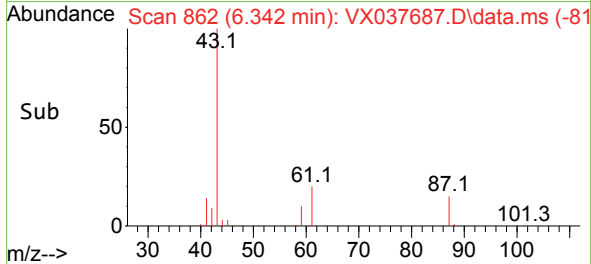
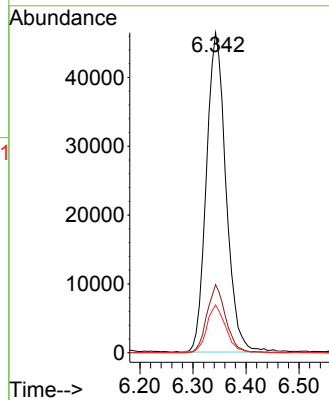
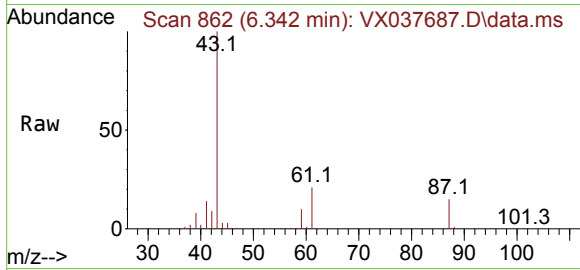




#43
Isopropyl Acetate
Concen: 19.531 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

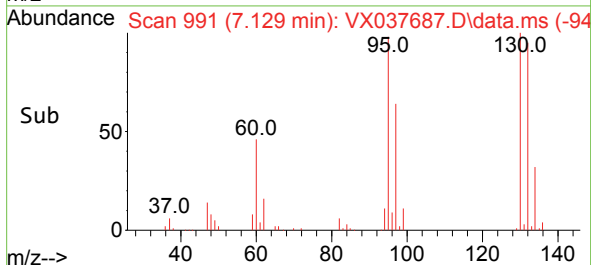
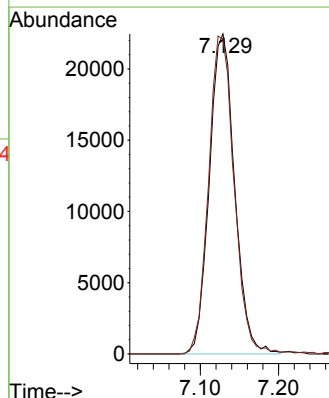
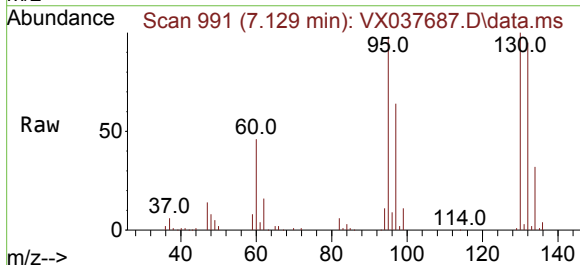
Instrument :
MSVOA_X
ClientSampleId :

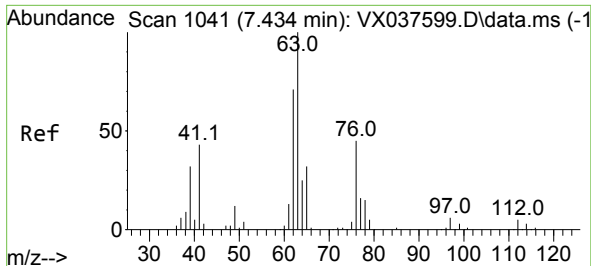
Tgt Ion: 43 Resp: 119174
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.4 9.8 14.6



#44
Trichloroethene
Concen: 19.852 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion:130 Resp: 50262
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4

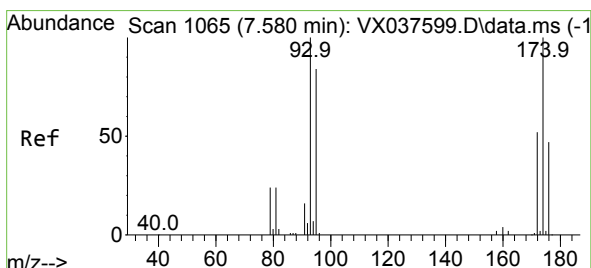
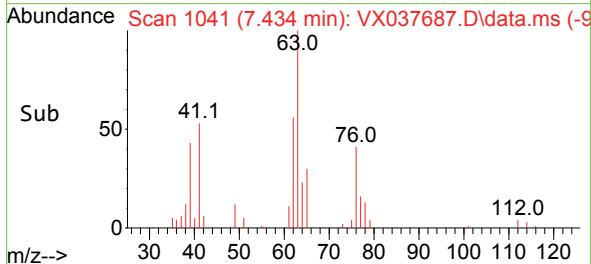
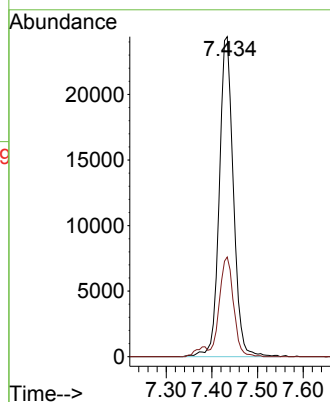
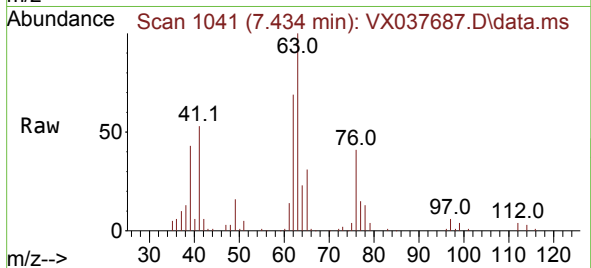




#45
1,2-Dichloropropane
Concen: 19.573 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

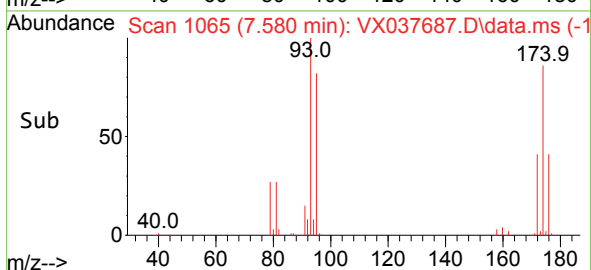
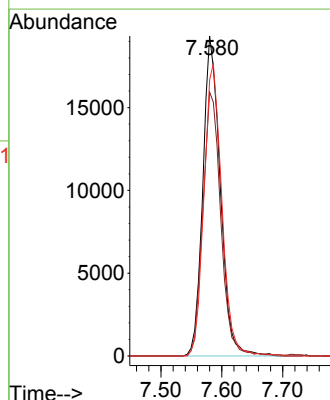
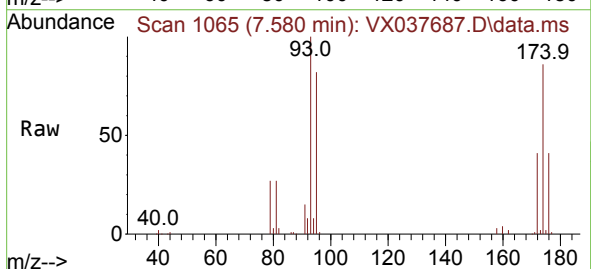
Instrument :
MSVOA_X
ClientSampleId :

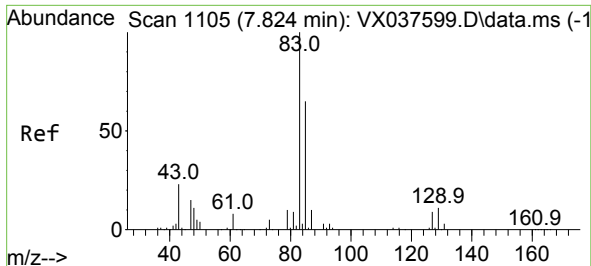
Tgt Ion: 63 Resp: 52343
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5



#46
Dibromomethane
Concen: 19.760 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 93 Resp: 38444
Ion Ratio Lower Upper
93 100
95 84.8 66.6 100.0
174 93.6 69.4 104.0

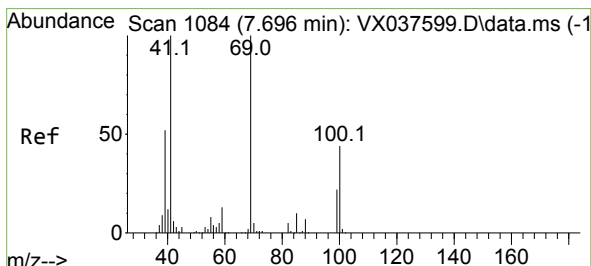
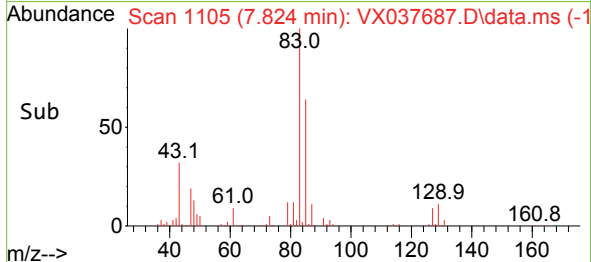
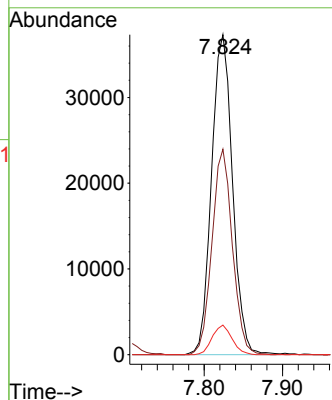
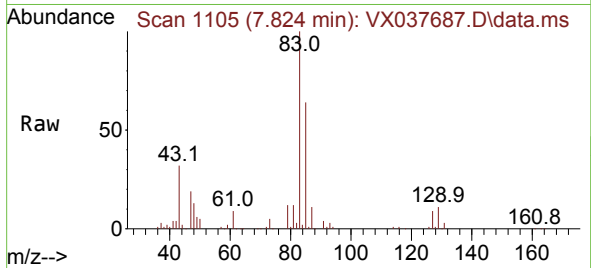




#47
Bromodichloromethane
Concen: 19.753 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

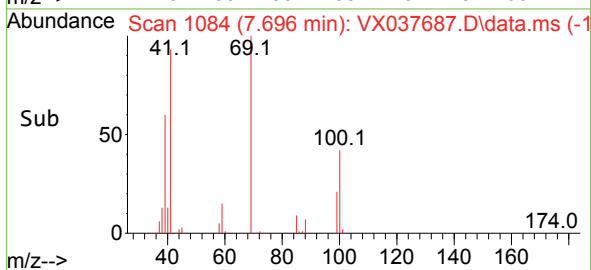
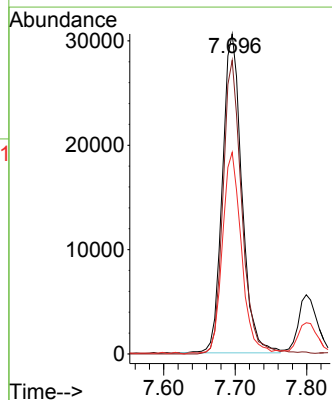
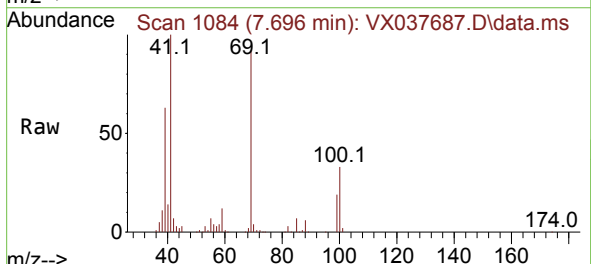
Instrument :
MSVOA_X
ClientSampleId :

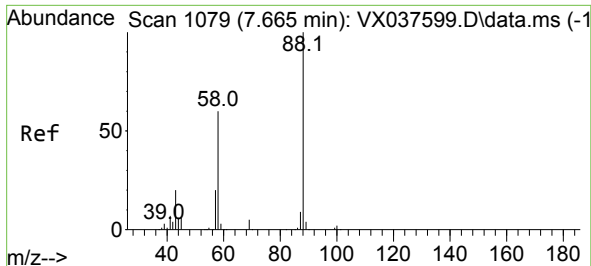
Tgt Ion: 83 Resp: 69377
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 19.525 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 41 Resp: 57592
Ion Ratio Lower Upper
41 100
69 89.5 59.2 88.8#
39 62.5 47.7 71.5

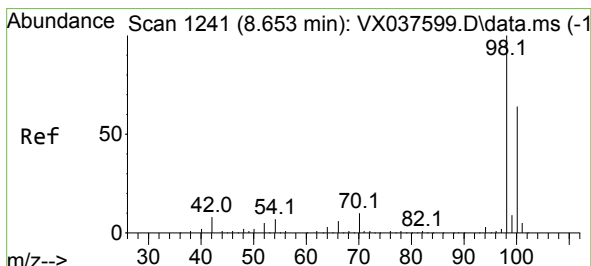
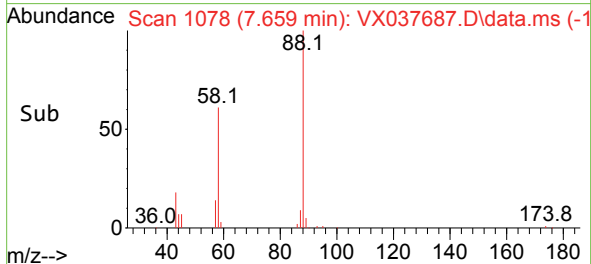
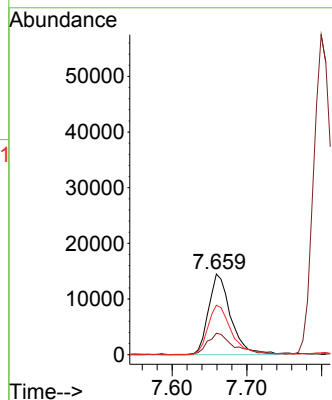
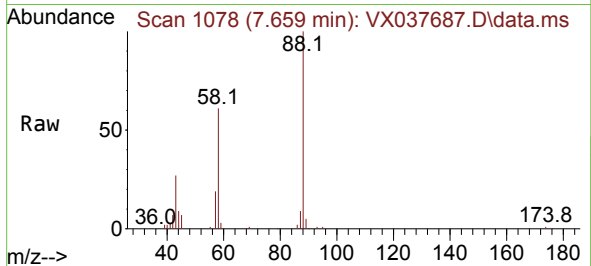




#49
1,4-Dioxane
Concen: 410.500 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

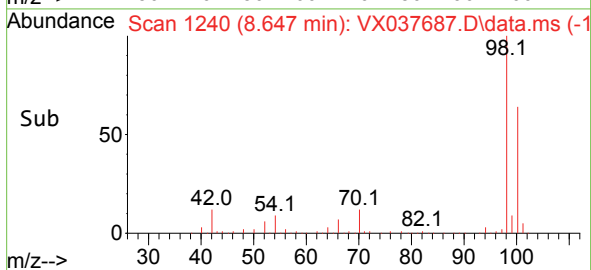
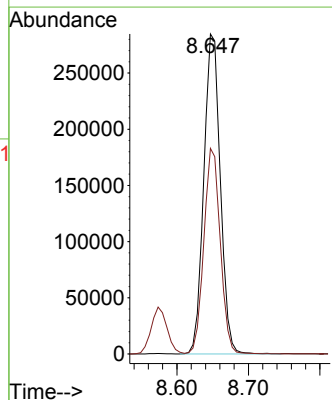
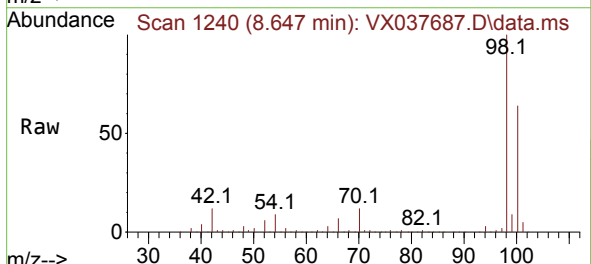
Instrument :
MSVOA_X
ClientSampleId :

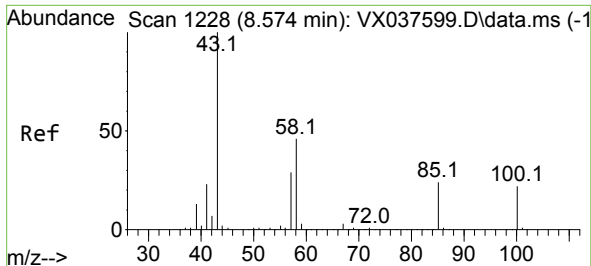
Tgt Ion: 88 Resp: 29999
Ion Ratio Lower Upper
88 100
43 32.3 0.0 0.0#
58 65.6 60.1 90.1



#50
Toluene-d8
Concen: 49.271 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 98 Resp: 456604
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 99.775 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

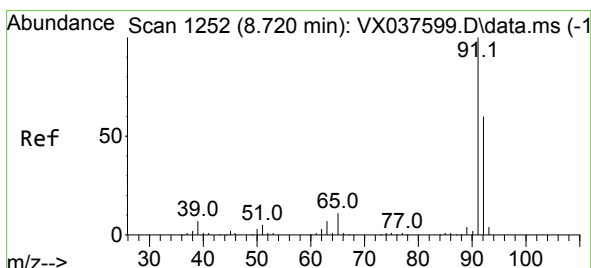
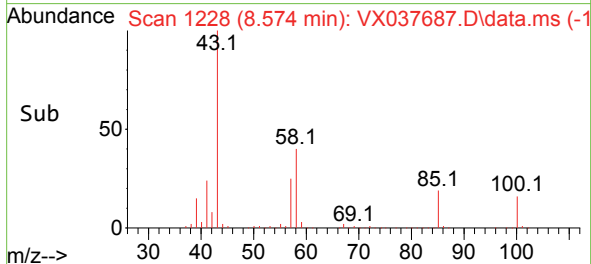
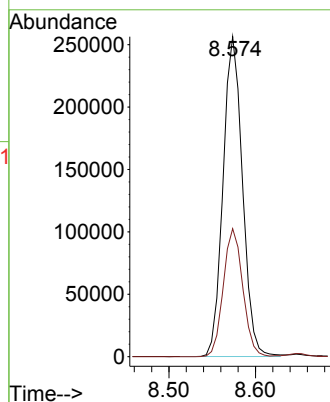
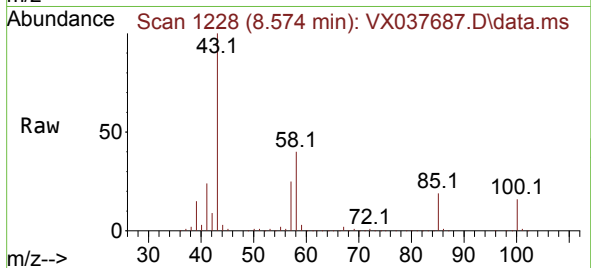
ClientSampleId :

Tgt Ion: 43 Resp: 399771

Ion Ratio Lower Upper

43 100

58 40.0 30.4 45.6



#52

Toluene

Concen: 19.412 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037687.D

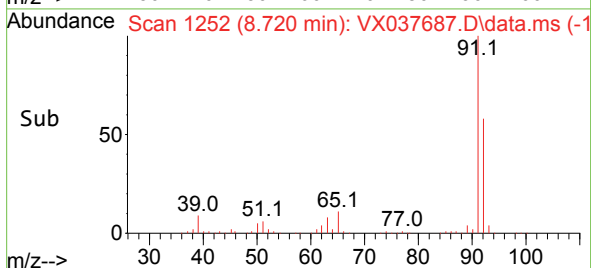
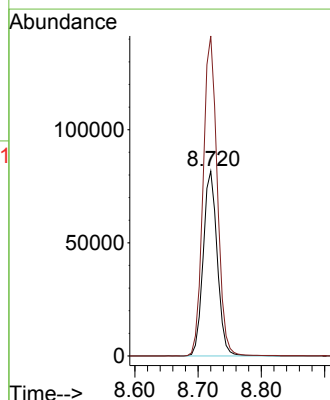
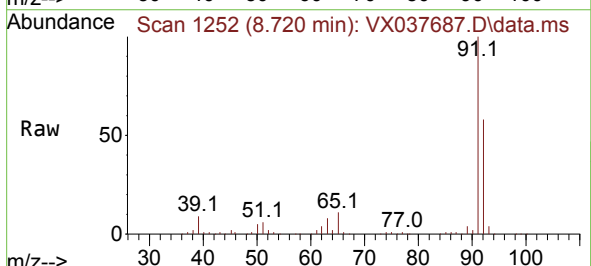
Acq: 13 Sep 2023 12:03

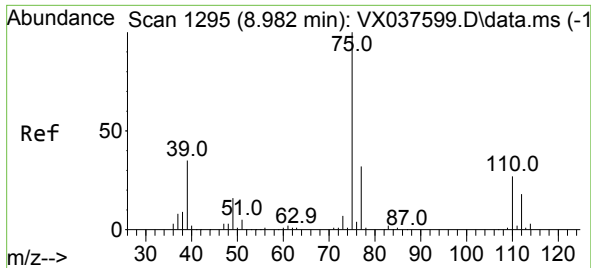
Tgt Ion: 92 Resp: 126477

Ion Ratio Lower Upper

92 100

91 174.3 134.2 201.2

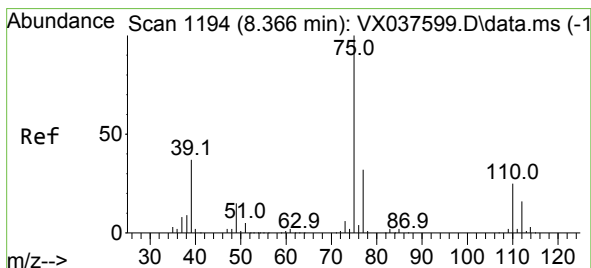
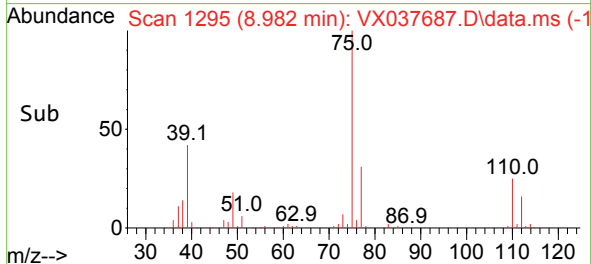
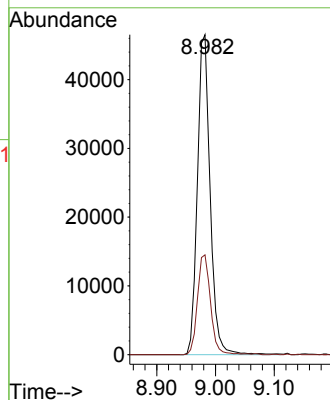
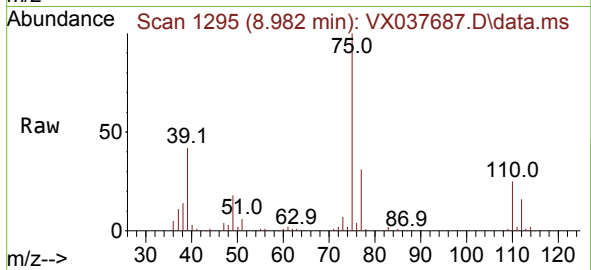




#53
 t-1,3-Dichloropropene
 Concen: 19.711 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

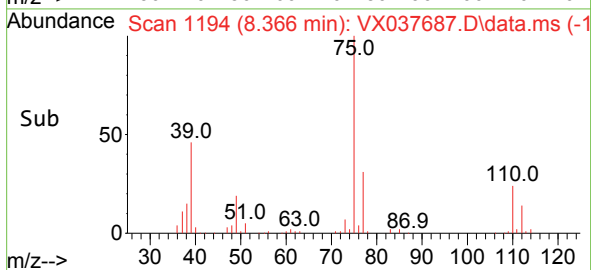
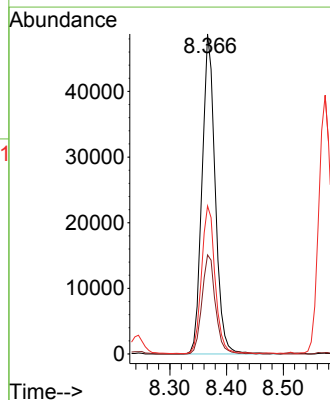
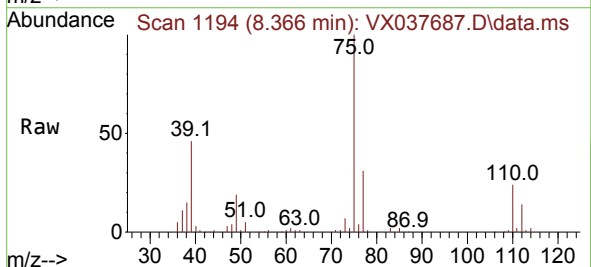
Instrument :
 MSVOA_X
 ClientSampleId :

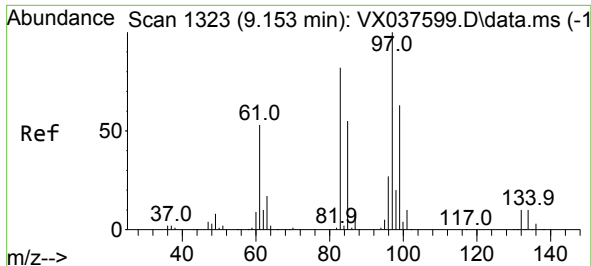
Tgt Ion: 75 Resp: 70189
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.104 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

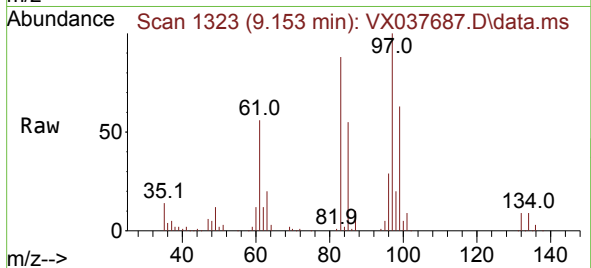
Tgt Ion: 75 Resp: 78554
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 46.1 46.7 70.1#



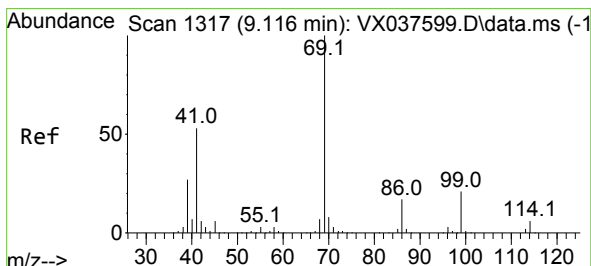
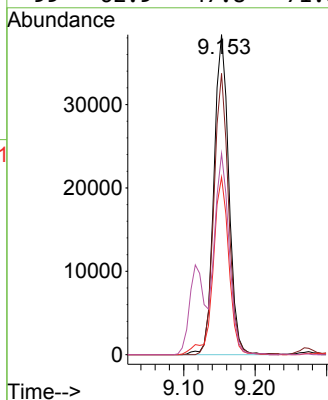
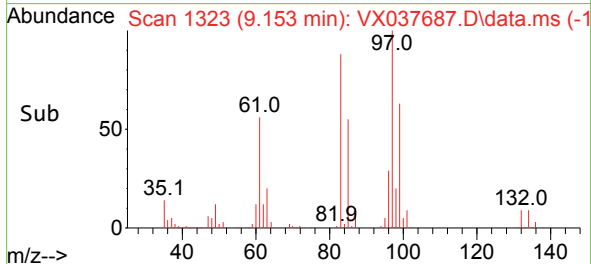


#55
 1,1,2-Trichloroethane
 Concen: 20.255 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

Instrument :
 MSVOA_X
 ClientSampleId :

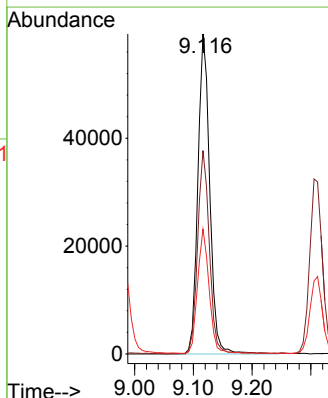
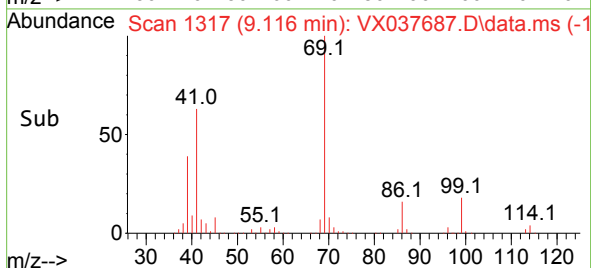
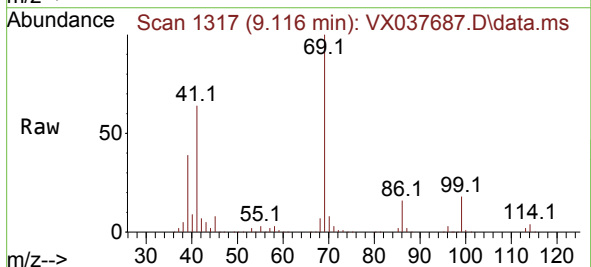


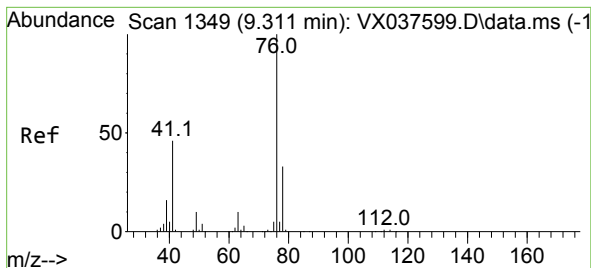
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.8	98.8
85	55.4	41.6	62.4
99	62.9	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 19.827 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	56.8	85.2
39	38.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.416 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

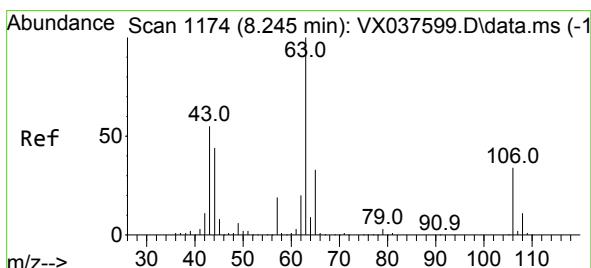
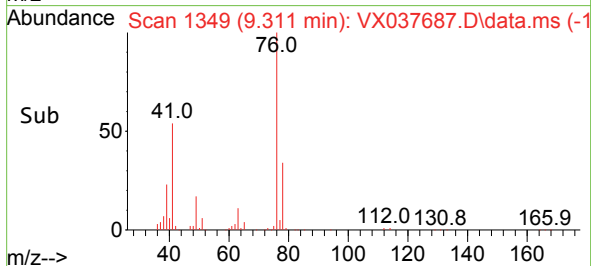
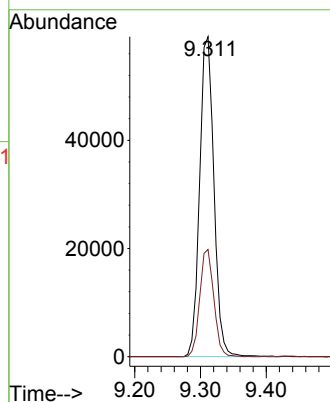
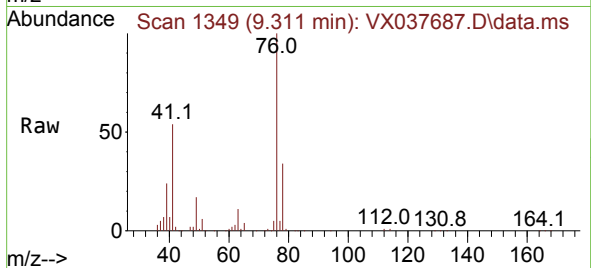
ClientSampleId :

Tgt Ion: 76 Resp: 89352

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.246 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037687.D

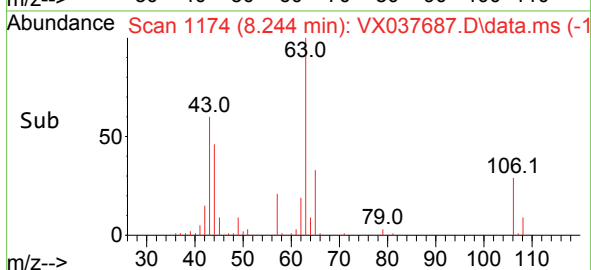
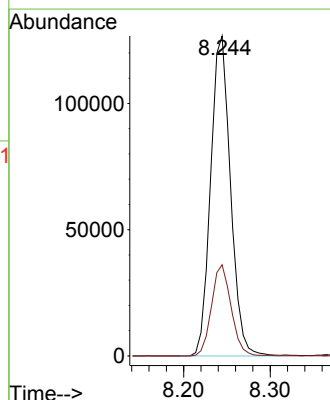
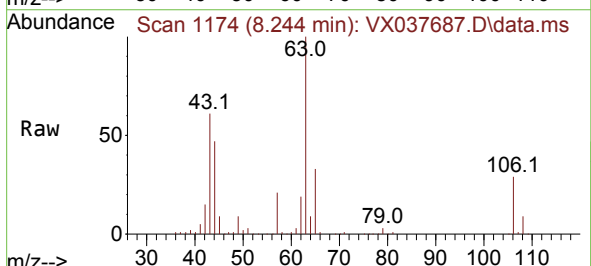
Acq: 13 Sep 2023 12:03

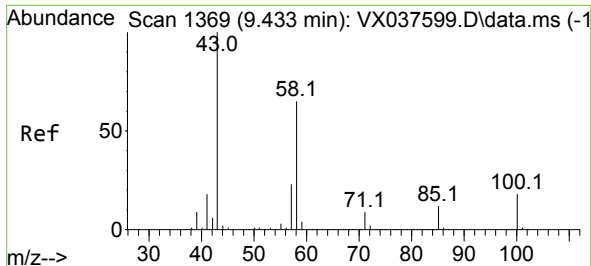
Tgt Ion: 63 Resp: 202003

Ion Ratio Lower Upper

63 100

106 28.1 22.5 33.7





#59

2-Hexanone

Concen: 99.626 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

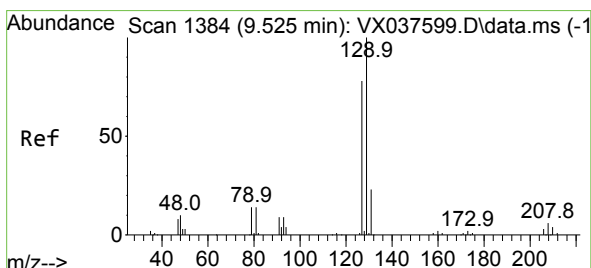
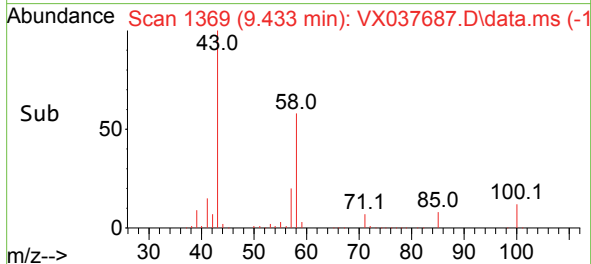
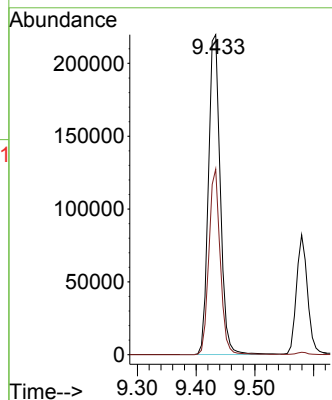
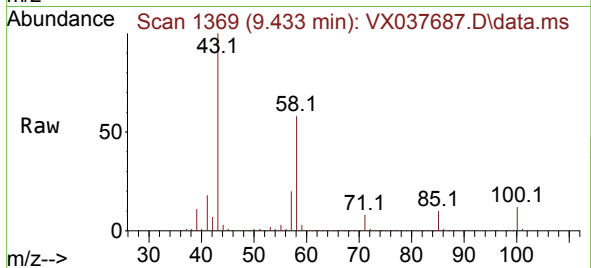
ClientSampleId :

Tgt Ion: 43 Resp: 308123

Ion Ratio Lower Upper

43 100

58 55.5 26.2 78.5



#60

Dibromochloromethane

Concen: 19.702 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037687.D

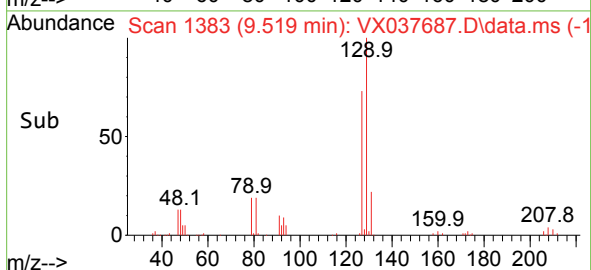
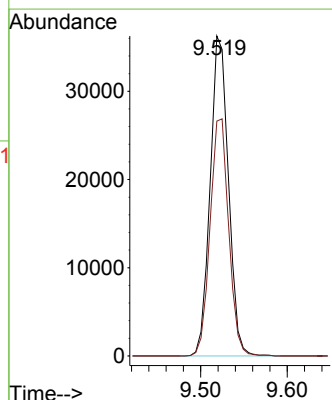
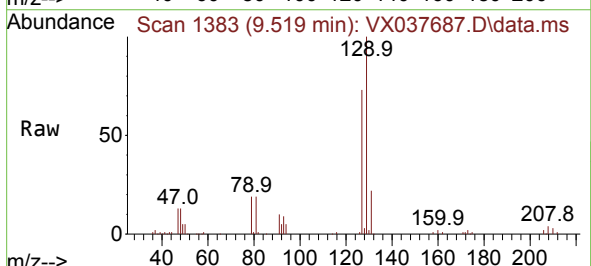
Acq: 13 Sep 2023 12:03

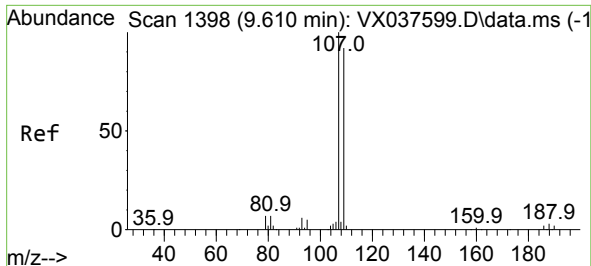
Tgt Ion:129 Resp: 53094

Ion Ratio Lower Upper

129 100

127 75.6 38.8 116.4

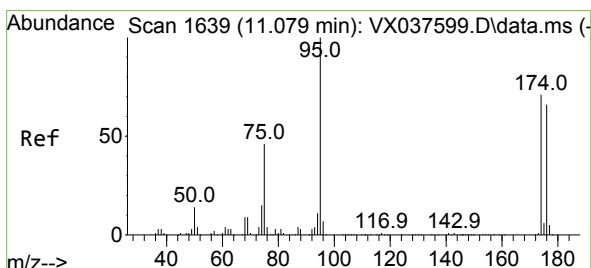
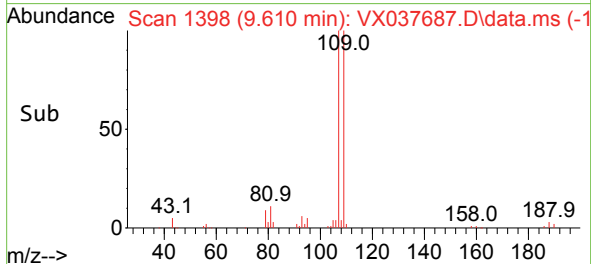
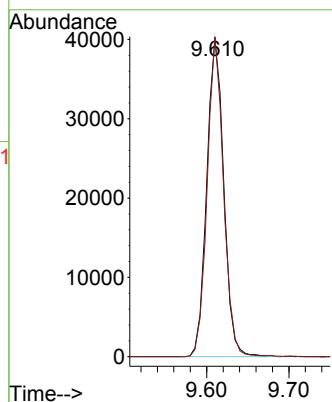
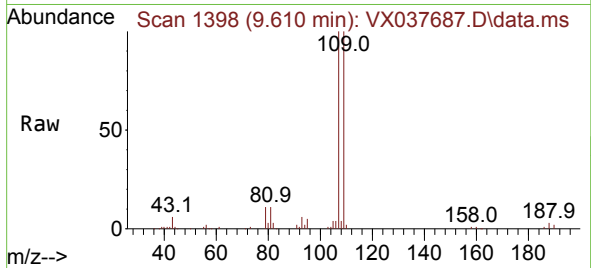




#61
1,2-Dibromoethane
Concen: 19.569 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

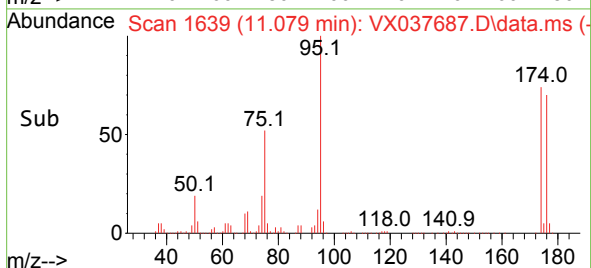
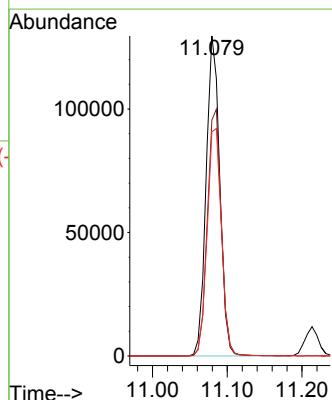
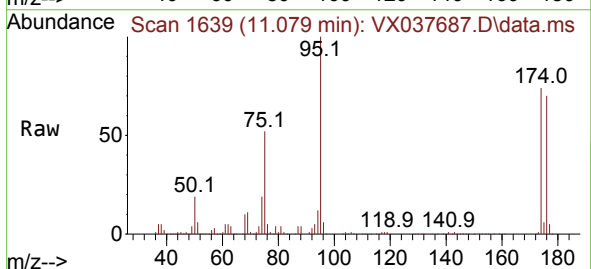
Instrument :
MSVOA_X
ClientSampleId :

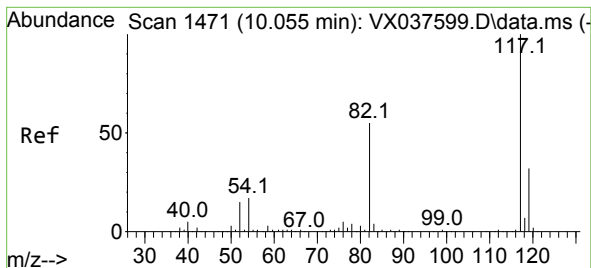
Tgt Ion:107 Resp: 57709
Ion Ratio Lower Upper
107 100
109 96.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

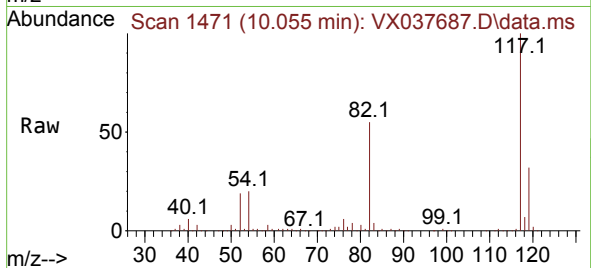
Tgt Ion: 95 Resp: 163602
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 75.0 0.0 131.0



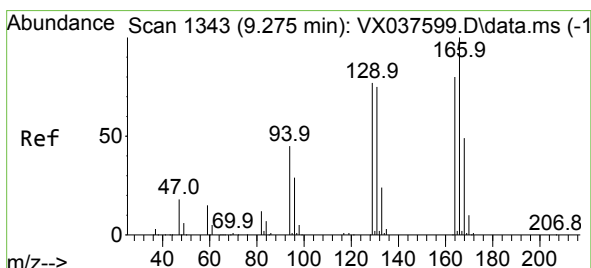
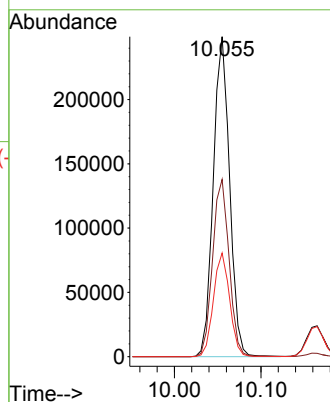
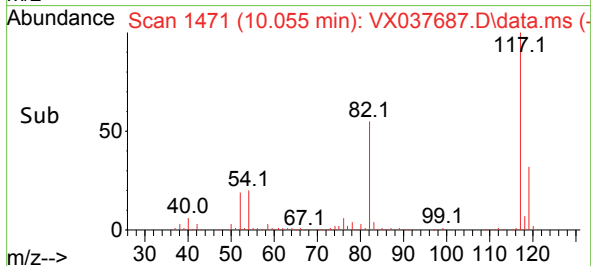


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :

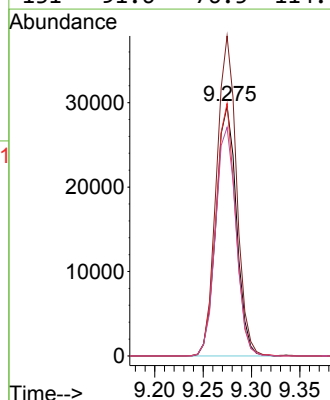
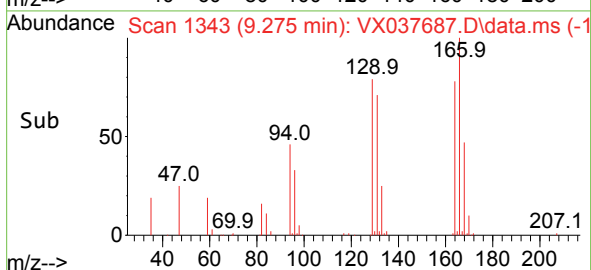
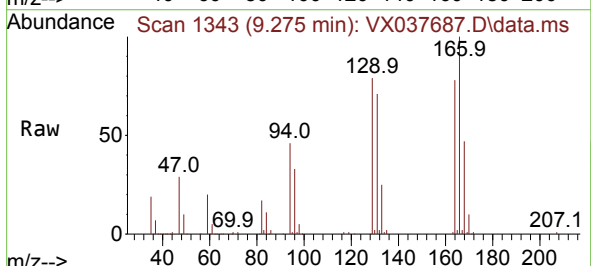


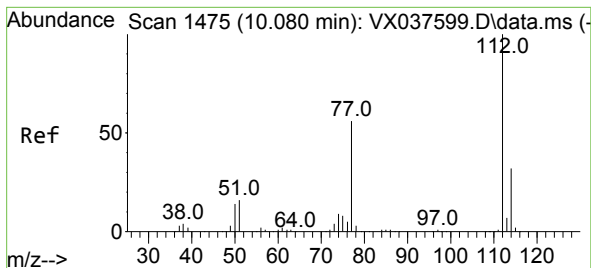
Tgt Ion:117 Resp: 325297
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 20.580 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion:164 Resp: 43375
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 101.1 80.4 120.6
131 91.6 76.5 114.7





#65

Chlorobenzene

Concen: 19.454 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

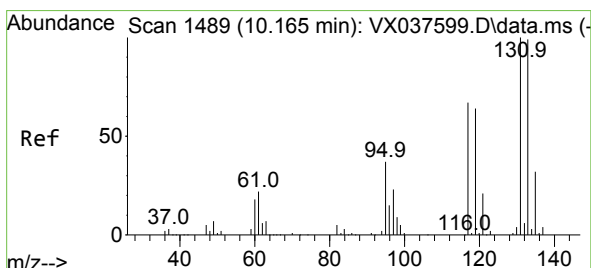
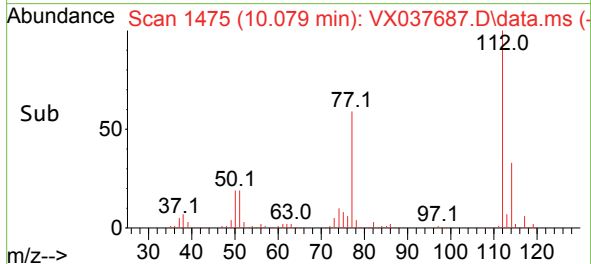
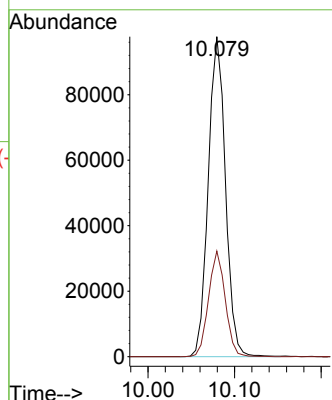
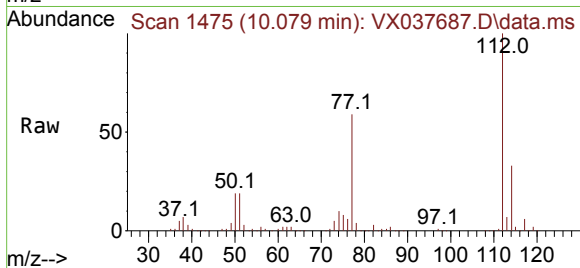
ClientSampleId :

Tgt Ion:112 Resp: 134885

Ion Ratio Lower Upper

112 100

114 33.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.567 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

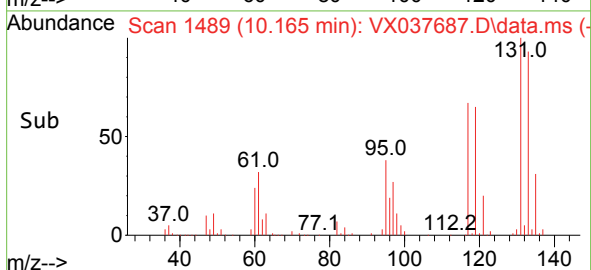
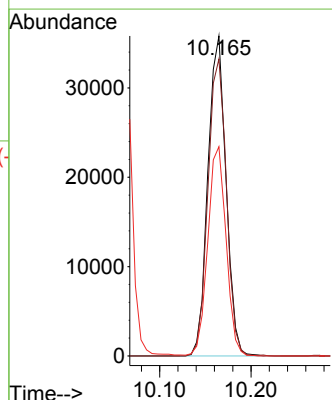
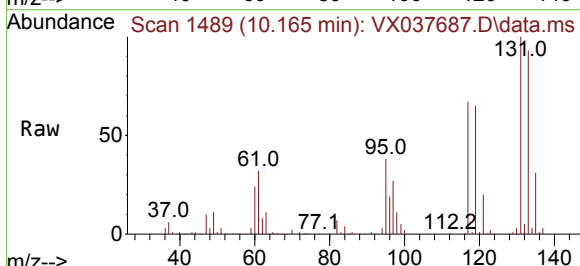
Tgt Ion:131 Resp: 49147

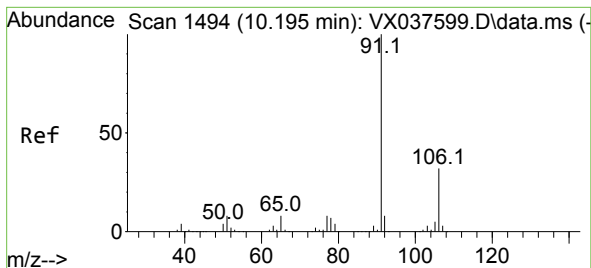
Ion Ratio Lower Upper

131 100

133 94.9 47.1 141.4

119 66.1 32.2 96.6





#67

Ethyl Benzene

Concen: 19.709 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

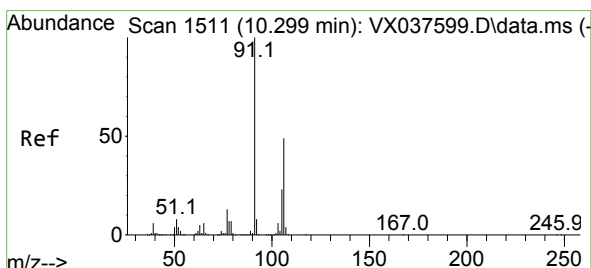
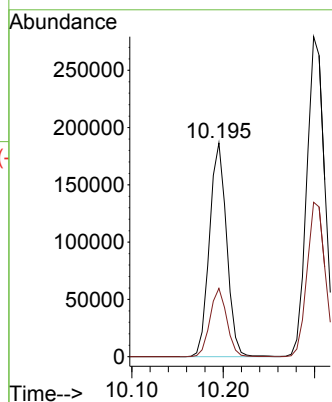
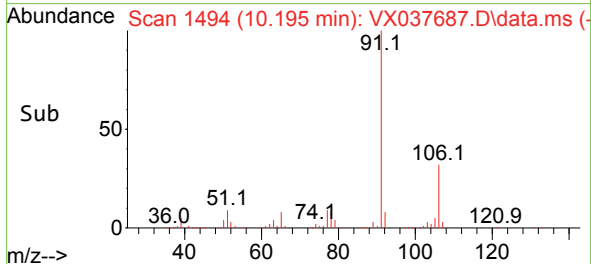
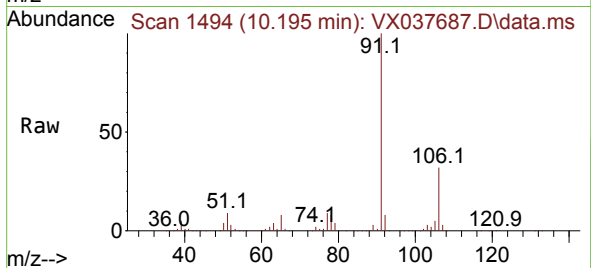
ClientSampleId :

Tgt Ion: 91 Resp: 243182

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 39.750 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037687.D

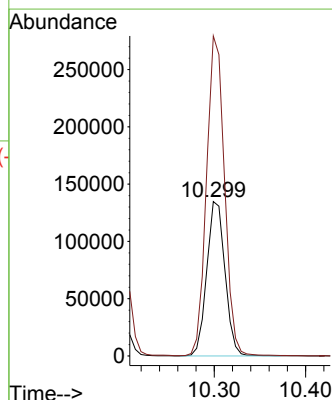
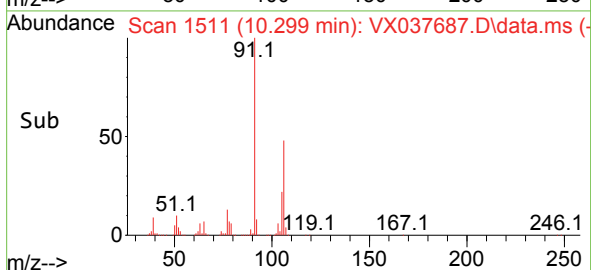
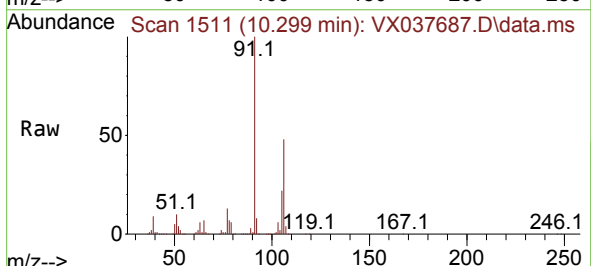
Acq: 13 Sep 2023 12:03

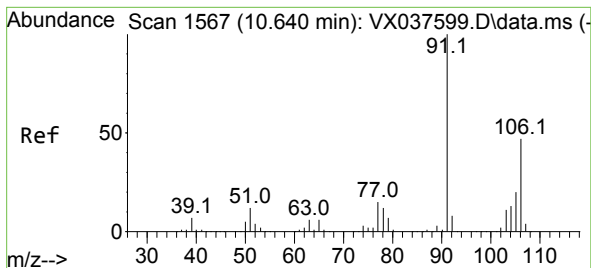
Tgt Ion: 106 Resp: 187014

Ion Ratio Lower Upper

106 100

91 204.5 165.5 248.3





#69

o-Xylene

Concen: 19.645 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

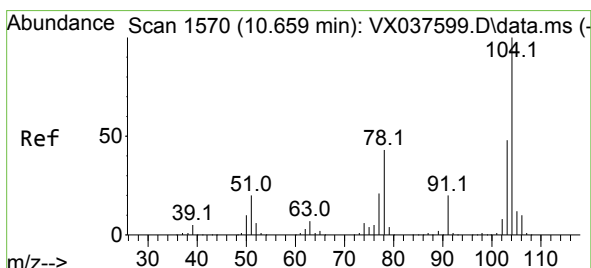
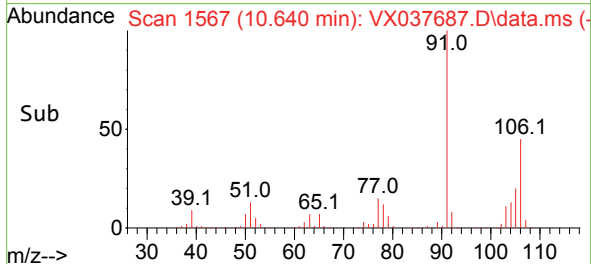
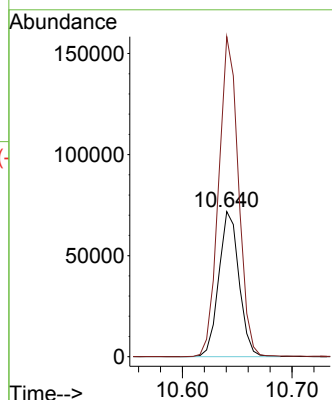
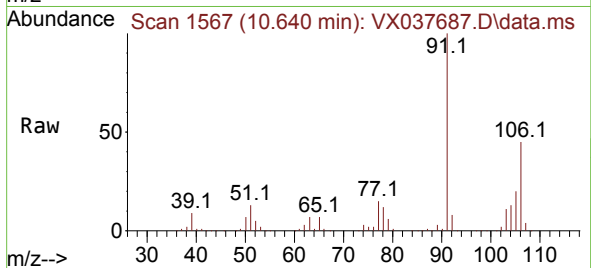
ClientSampleId :

Tgt Ion:106 Resp: 92148

Ion Ratio Lower Upper

106 100

91 216.3 108.9 326.8



#70

Styrene

Concen: 19.582 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

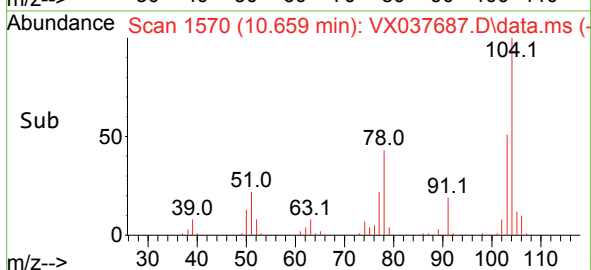
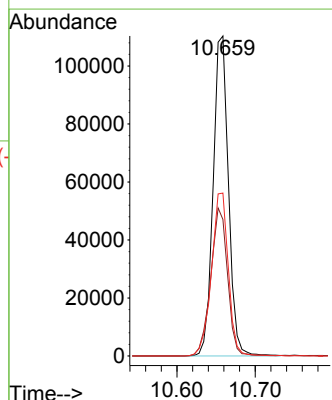
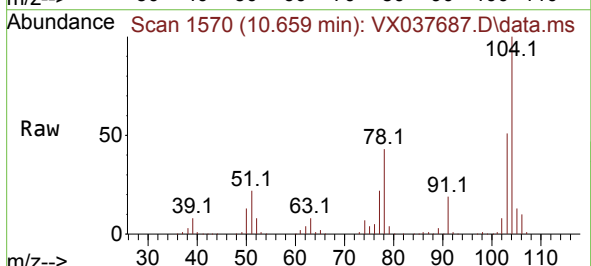
Tgt Ion:104 Resp: 149857

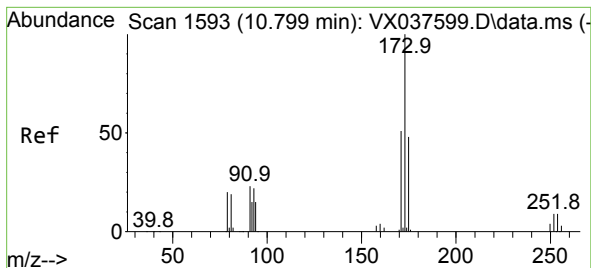
Ion Ratio Lower Upper

104 100

78 50.9 43.6 65.4

103 56.0 43.6 65.4





#71

Bromoform

Concen: 19.666 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037687.D

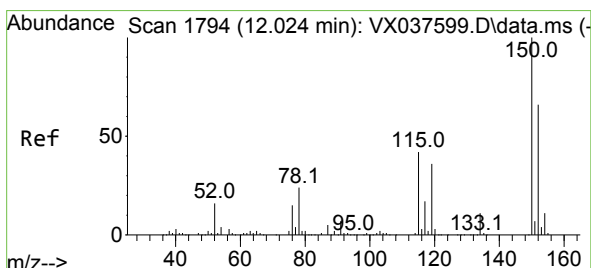
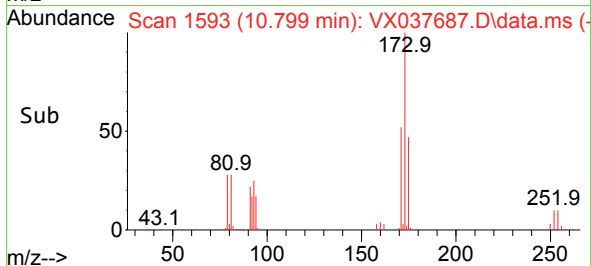
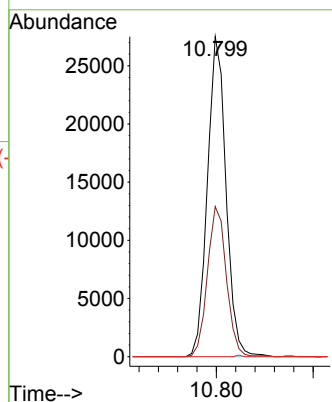
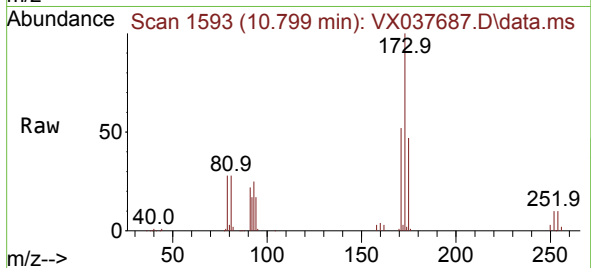
Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	36772
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.1 72.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

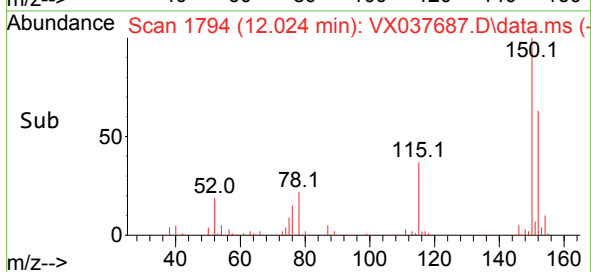
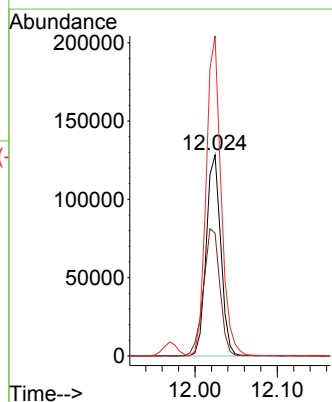
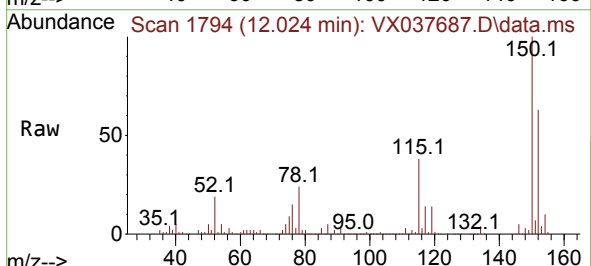
RT: 12.024 min Scan# 1794

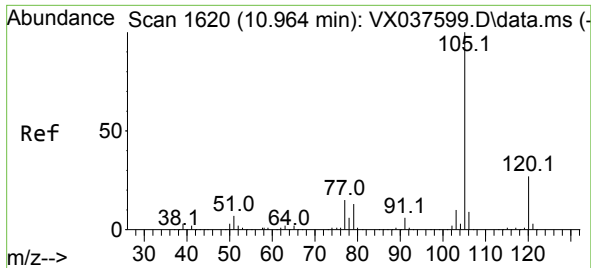
Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Tgt Ion:152	Resp:	158090
Ion Ratio	Lower	Upper
152	100	
115	71.4	43.3 129.9
150	162.7	0.0 345.0

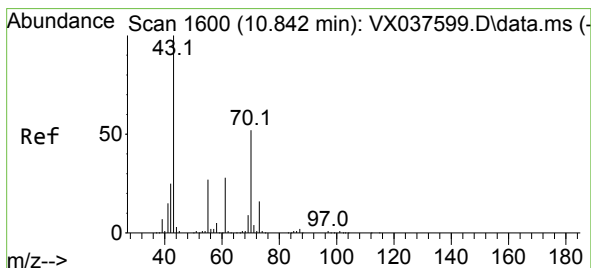
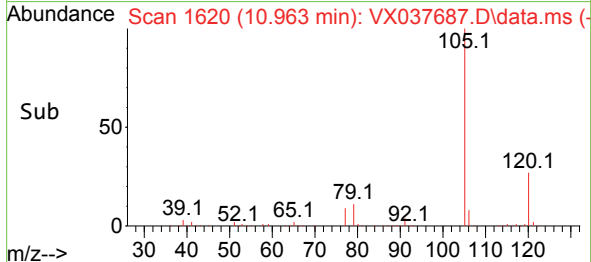
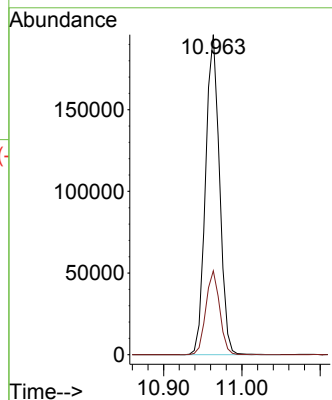
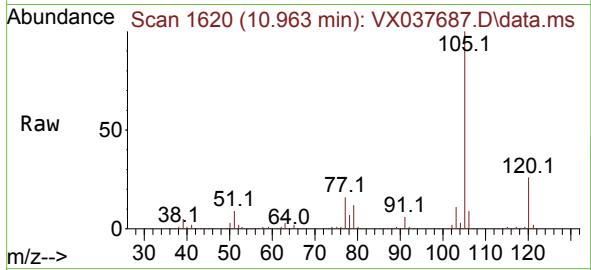




#73
Isopropylbenzene
Concen: 20.413 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

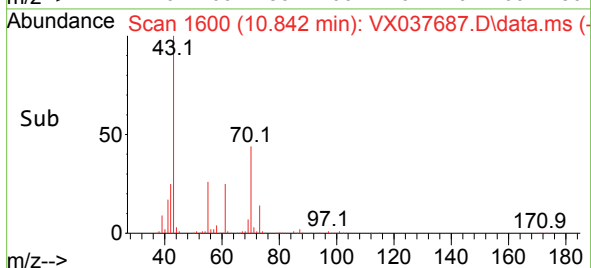
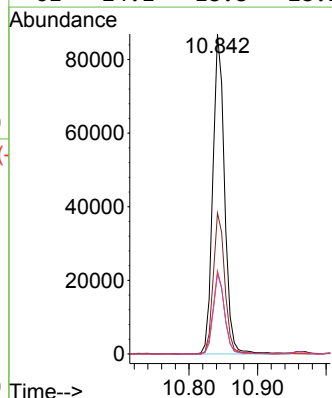
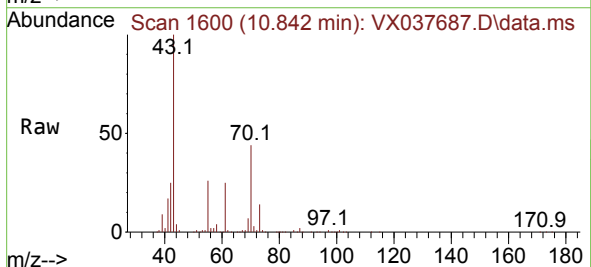
Instrument :
MSVOA_X
ClientSampleId :

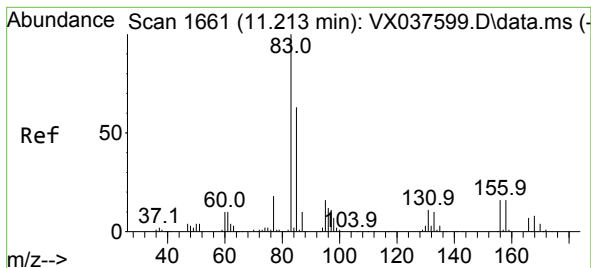
Tgt Ion:105 Resp: 241605
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 20.083 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 43 Resp: 103653
Ion Ratio Lower Upper
43 100
70 43.5 32.9 49.3
55 25.4 19.3 28.9
61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.899 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037687.D

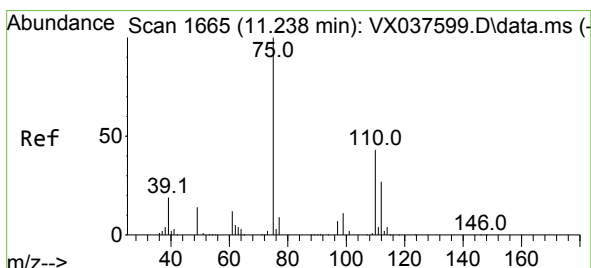
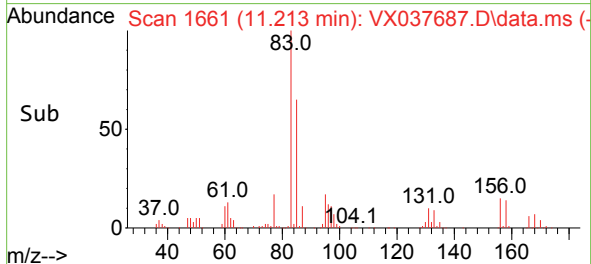
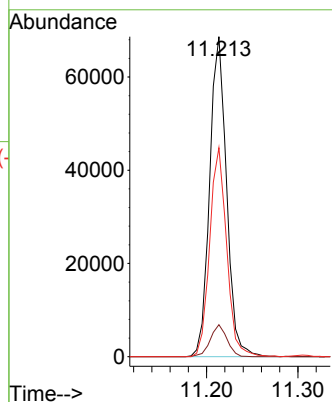
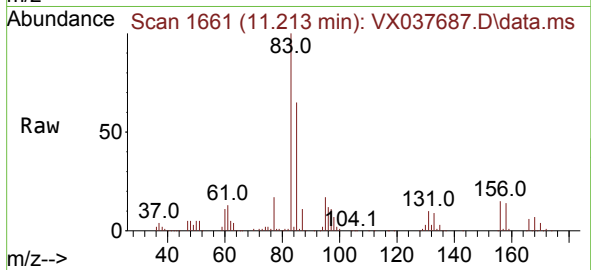
Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp:	88137
Ion Ratio	Lower	Upper
83	100	
131	9.8	5.3 15.8
85	65.6	32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 26.458 ug/l

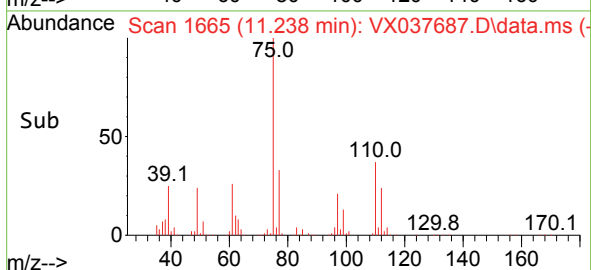
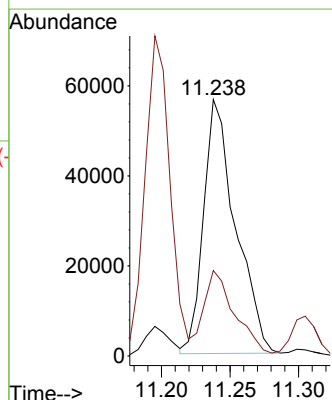
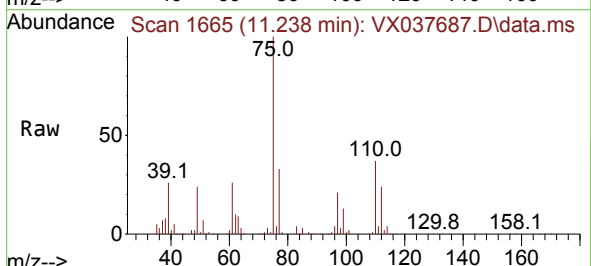
RT: 11.238 min Scan# 1665

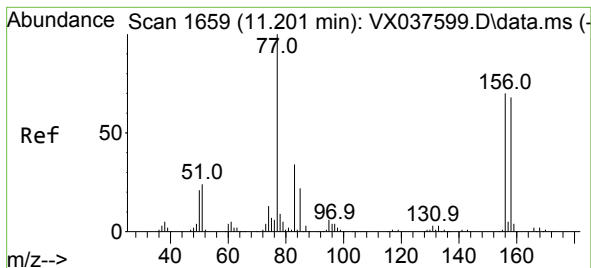
Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Tgt Ion: 75	Resp:	91956
Ion Ratio	Lower	Upper
75	100	
77	33.0	19.1 57.5





#77

Bromobenzene

Concen: 20.660 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

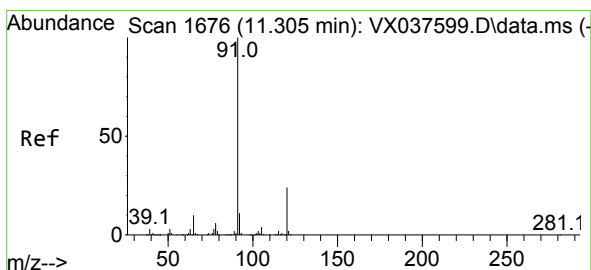
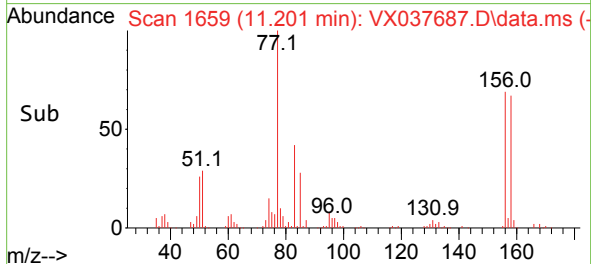
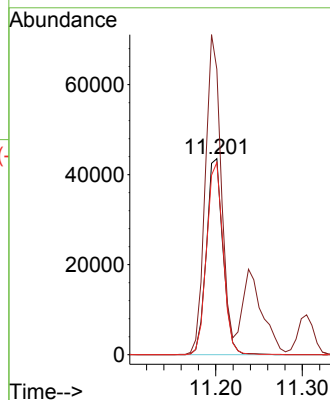
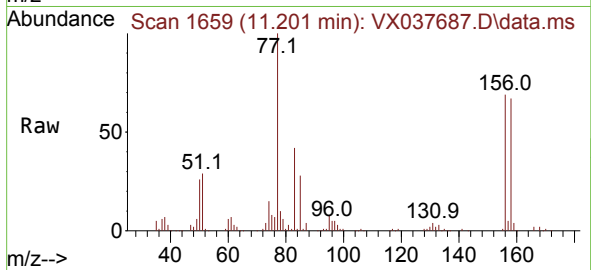
Tgt Ion:156 Resp: 57949

Ion Ratio Lower Upper

156 100

77 156.7 88.4 265.3

158 97.7 48.0 144.0



#78

n-propylbenzene

Concen: 20.525 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037687.D

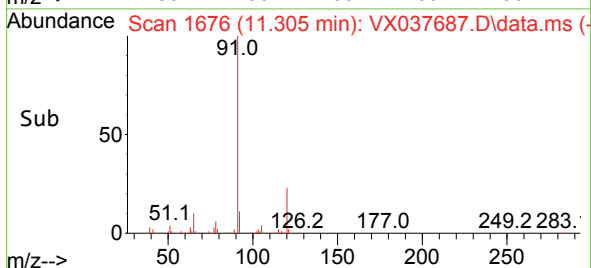
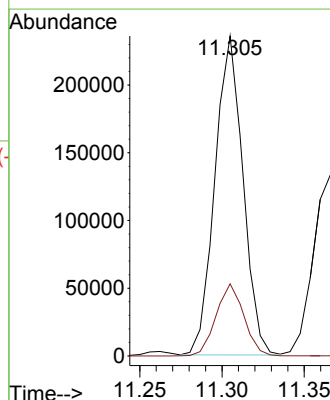
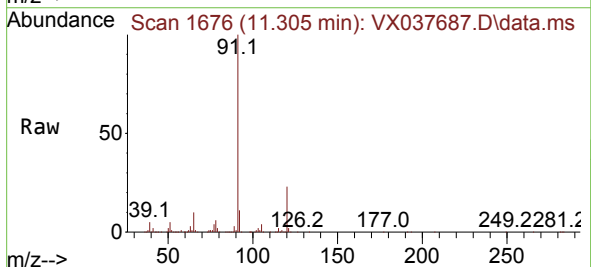
Acq: 13 Sep 2023 12:03

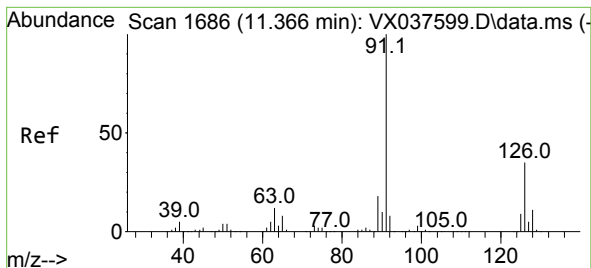
Tgt Ion: 91 Resp: 279494

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.036 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

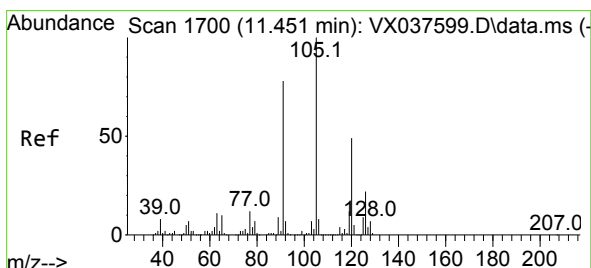
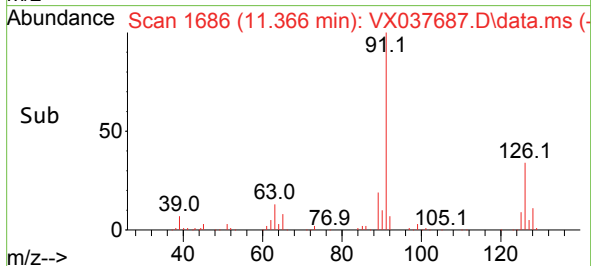
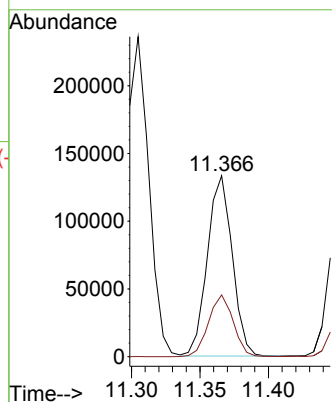
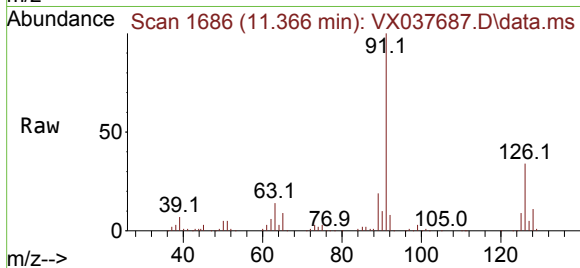
ClientSampleId :

Tgt Ion: 91 Resp: 167947

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.617 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037687.D

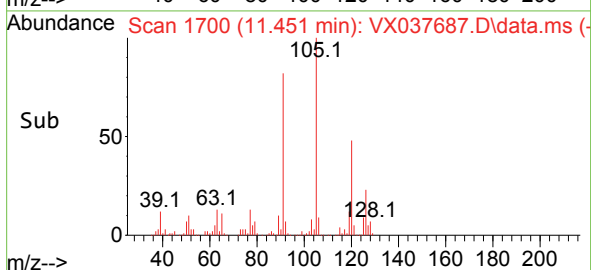
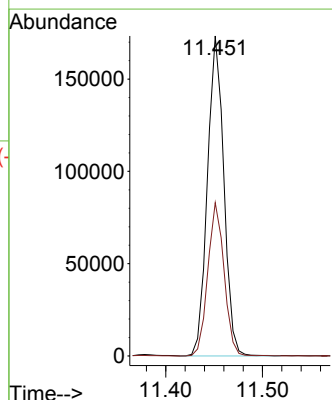
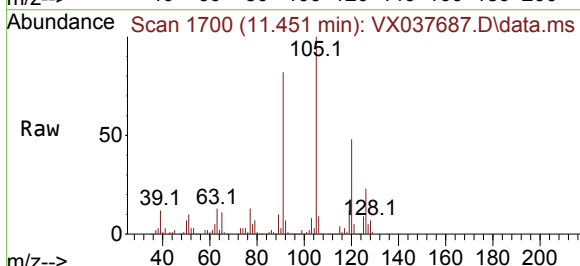
Acq: 13 Sep 2023 12:03

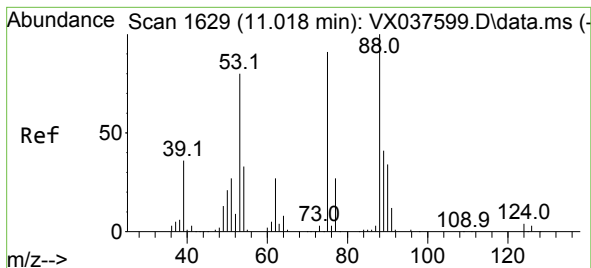
Tgt Ion: 105 Resp: 205082

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3

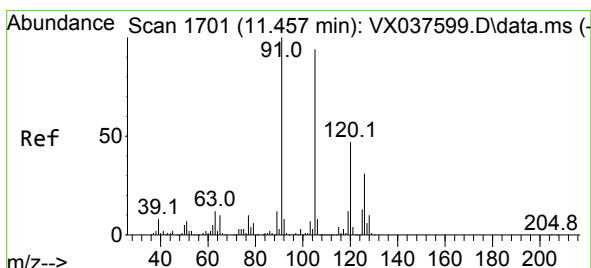
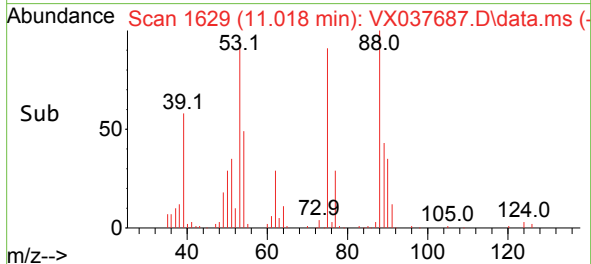
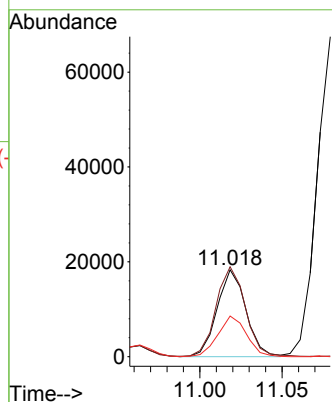
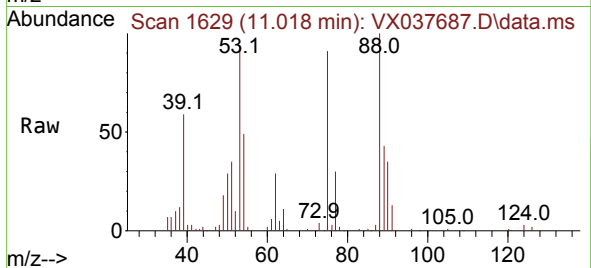




#81
trans-1,4-Dichloro-2-butene
Concen: 19.451 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

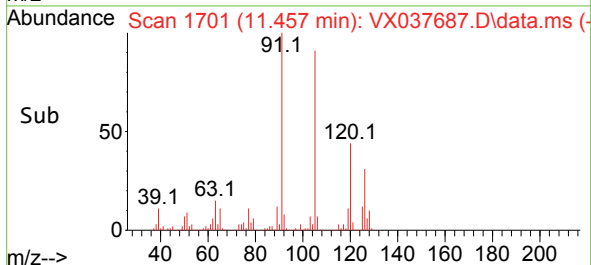
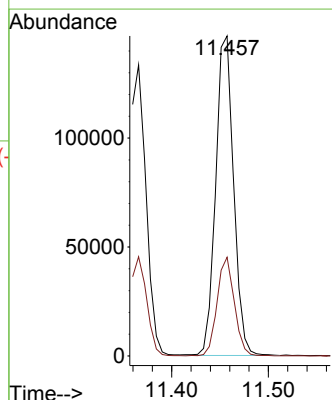
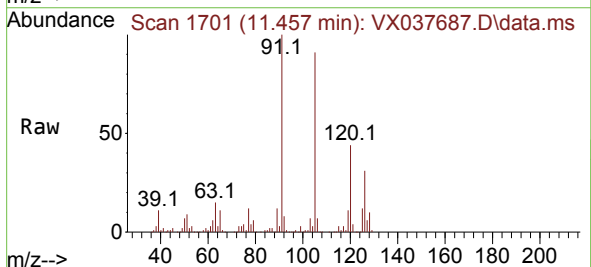
Instrument :
MSVOA_X
ClientSampleId :

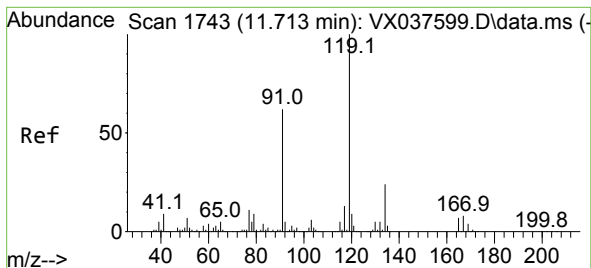
Tgt Ion: 75 Resp: 22240
Ion Ratio Lower Upper
75 100
53 104.7 90.5 135.7
89 46.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.658 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

Tgt Ion: 91 Resp: 188229
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.773 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

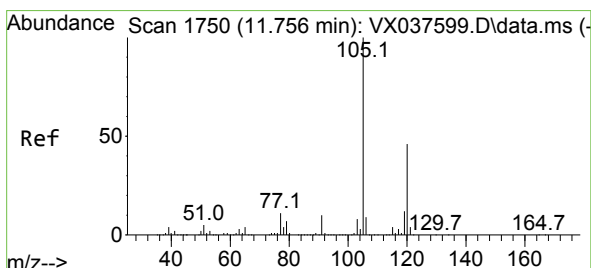
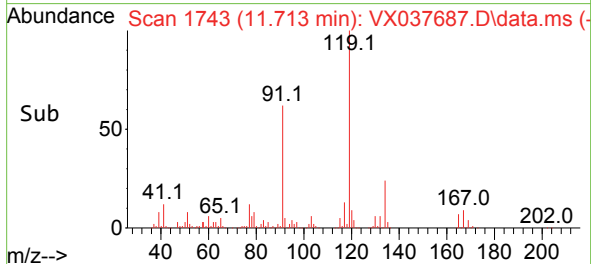
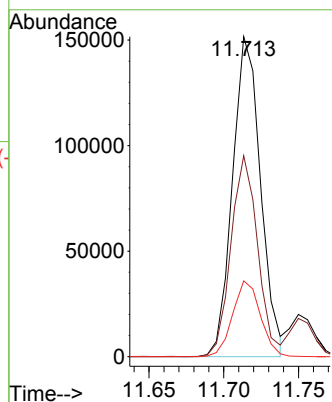
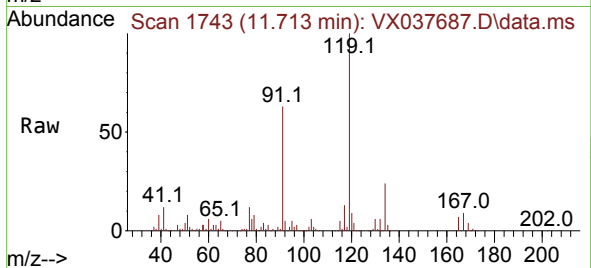
Tgt Ion:119 Resp: 197594

Ion Ratio Lower Upper

119 100

91 59.8 31.2 93.6

134 23.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.378 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037687.D

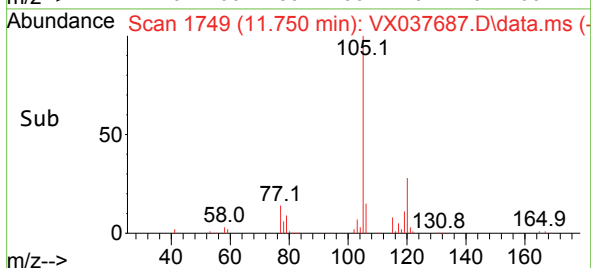
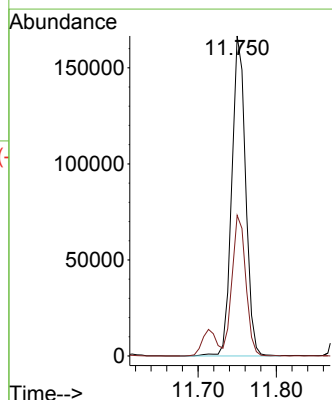
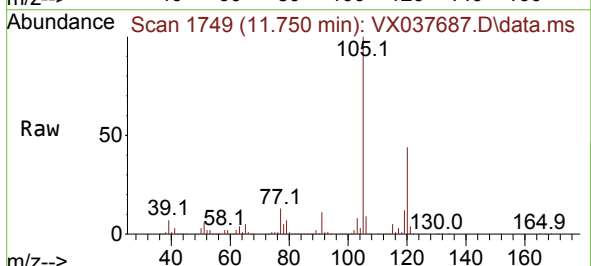
Acq: 13 Sep 2023 12:03

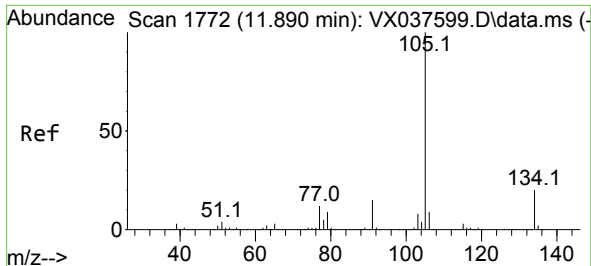
Tgt Ion:105 Resp: 204370

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6

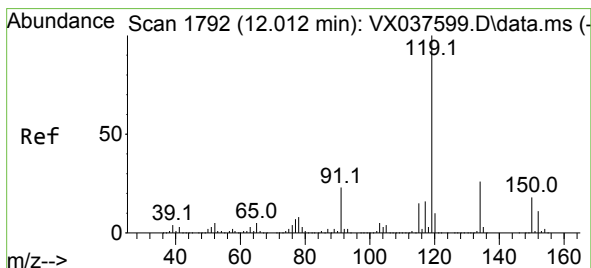
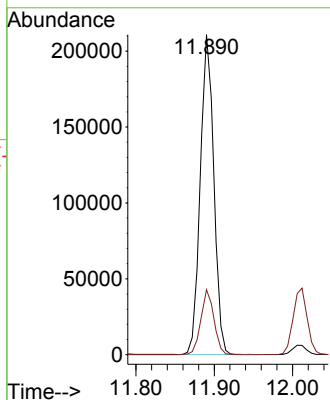
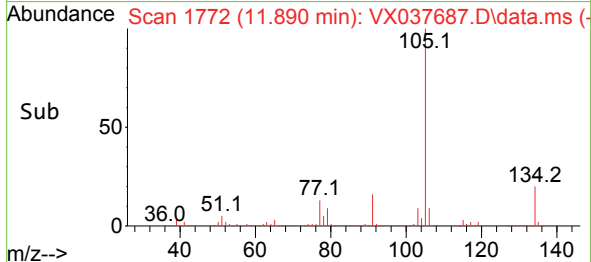
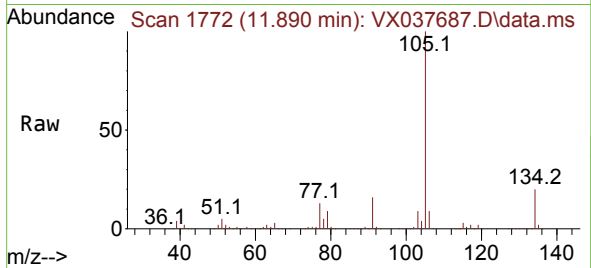




#85
 sec-Butylbenzene
 Concen: 20.464 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

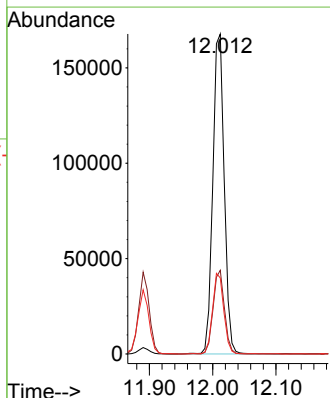
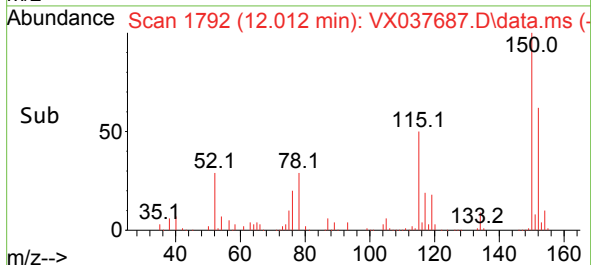
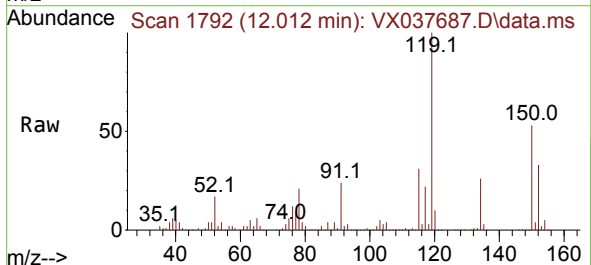
Instrument :
 MSVOA_X
 ClientSampleId :

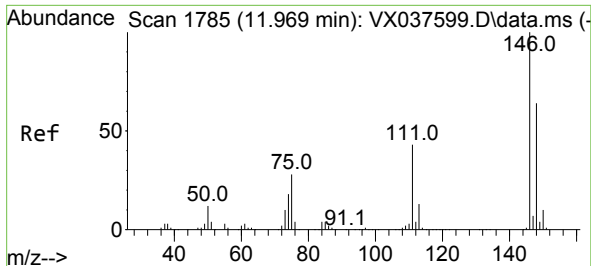
Tgt Ion:105 Resp: 252471
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.794 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037687.D
 Acq: 13 Sep 2023 12:03

Tgt Ion:119 Resp: 210215
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.662 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

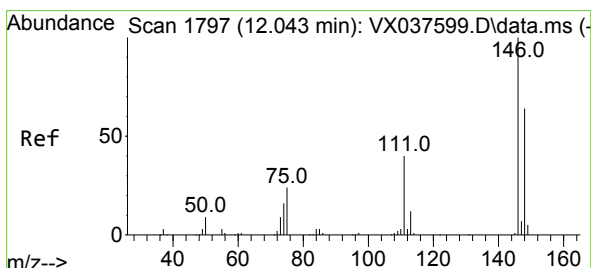
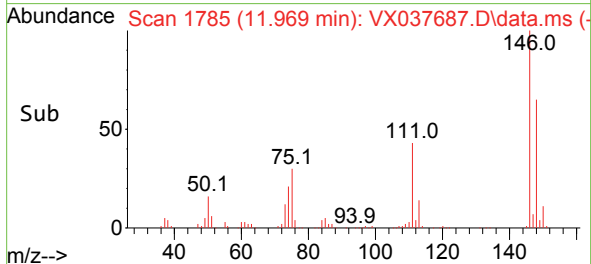
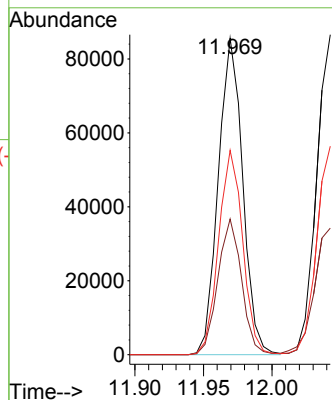
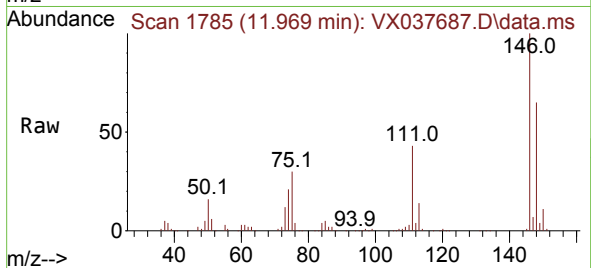
Tgt Ion:146 Resp: 105892

Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.1

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.249 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

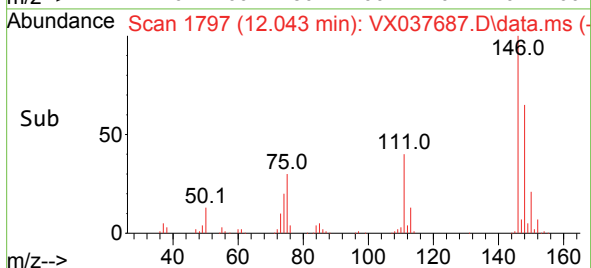
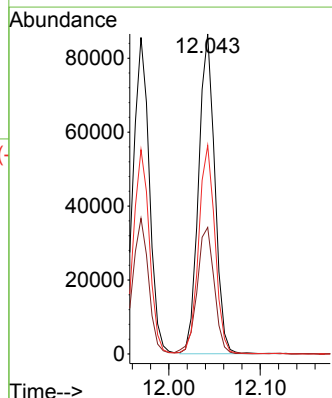
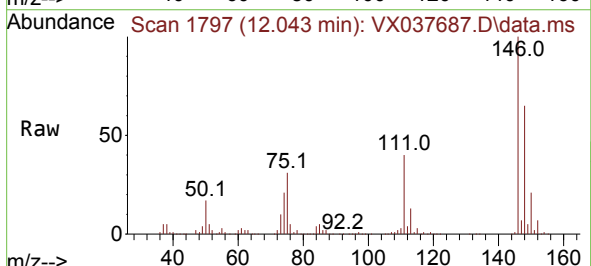
Tgt Ion:146 Resp: 106546

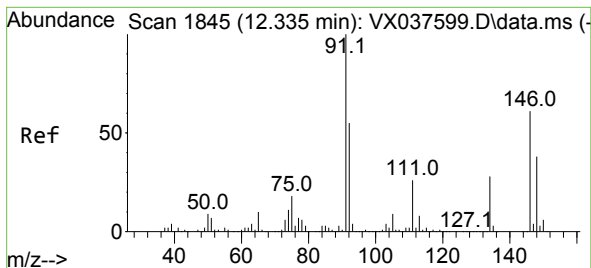
Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.7

148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 19.645 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

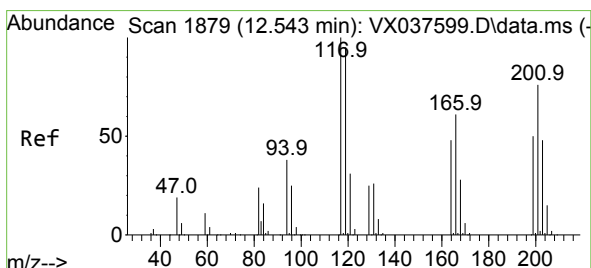
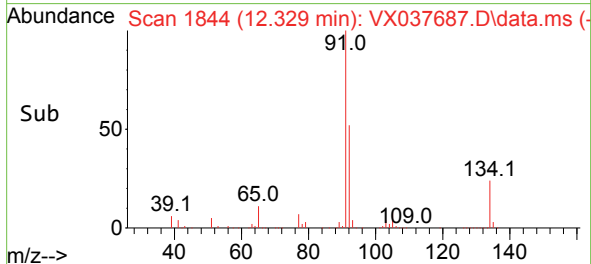
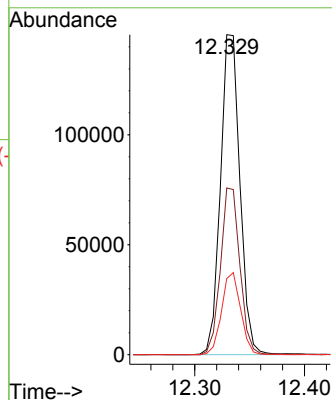
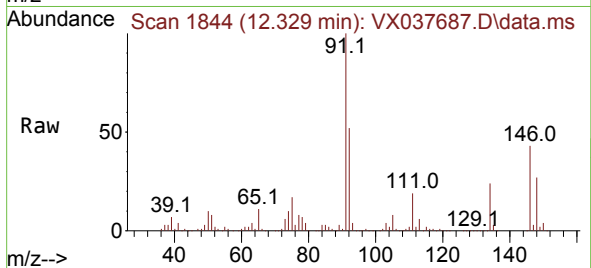
Tgt Ion: 91 Resp: 179876

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 19.855 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037687.D

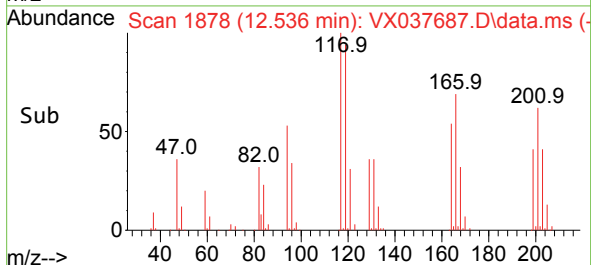
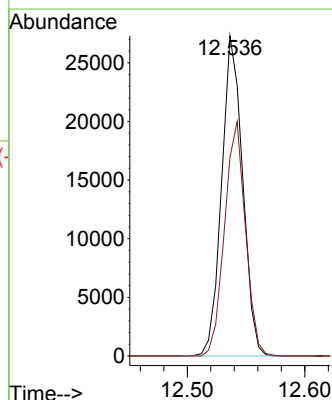
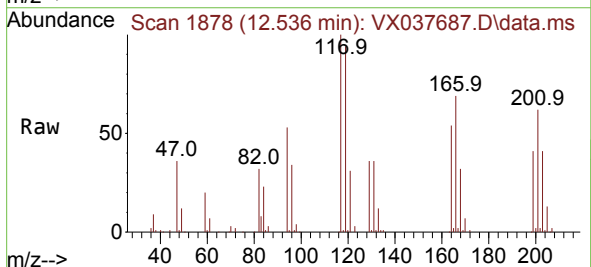
Acq: 13 Sep 2023 12:03

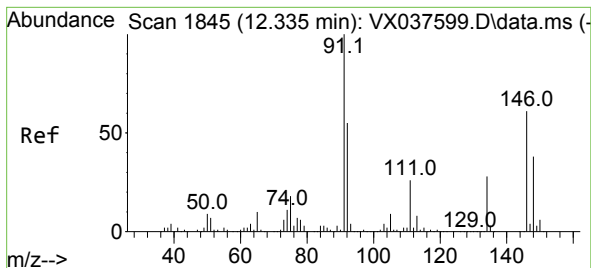
Tgt Ion: 117 Resp: 33871

Ion Ratio Lower Upper

117 100

201 72.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 19.695 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

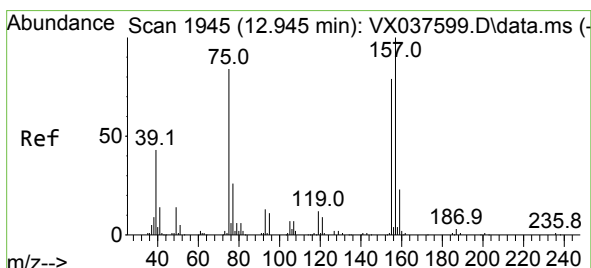
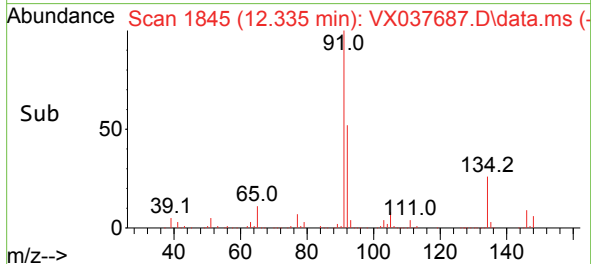
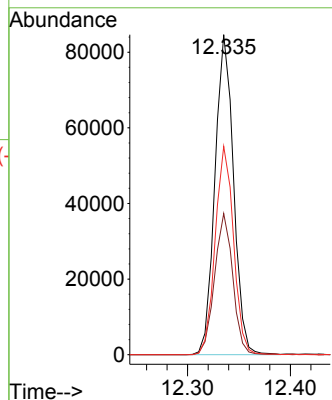
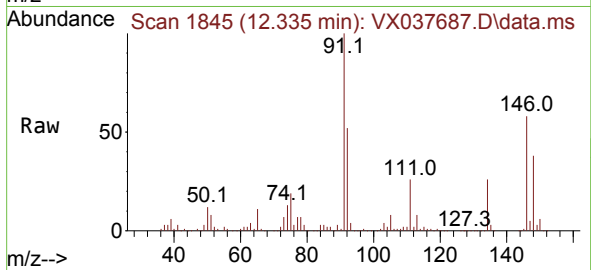
Tgt Ion:146 Resp: 106124

Ion Ratio Lower Upper

146 100

111 43.4 22.4 67.0

148 64.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.453 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

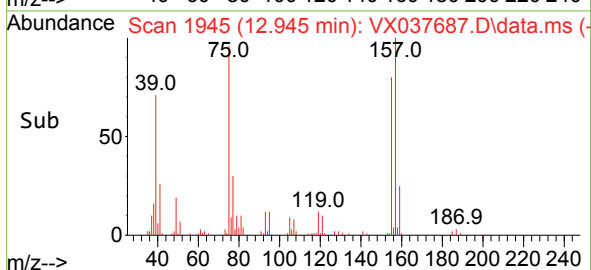
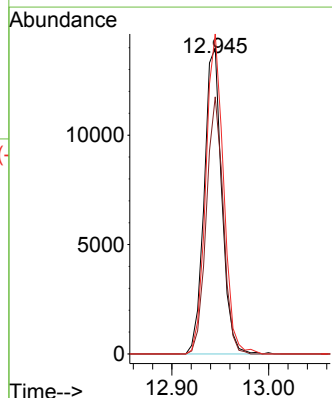
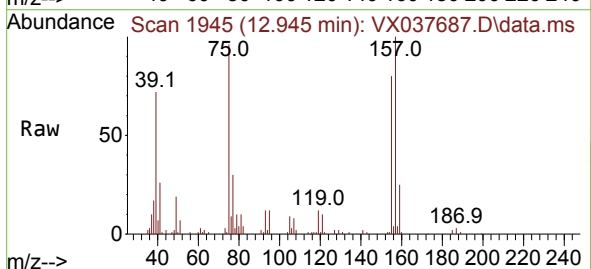
Tgt Ion: 75 Resp: 17692

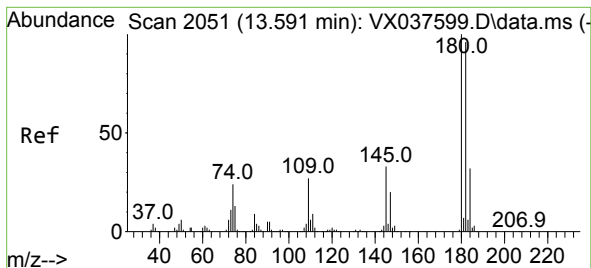
Ion Ratio Lower Upper

75 100

155 80.7 36.1 108.5

157 105.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.886 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

Instrument :

MSVOA_X

ClientSampleId :

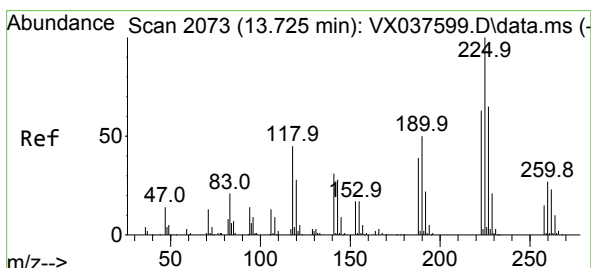
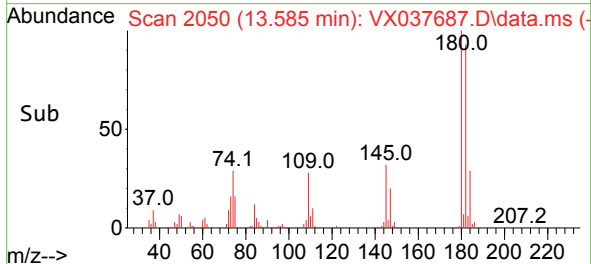
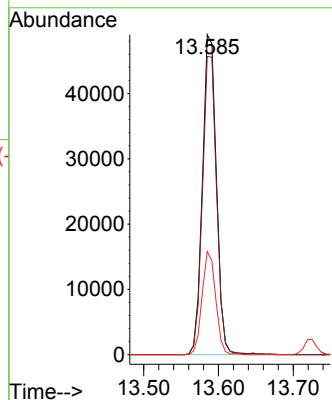
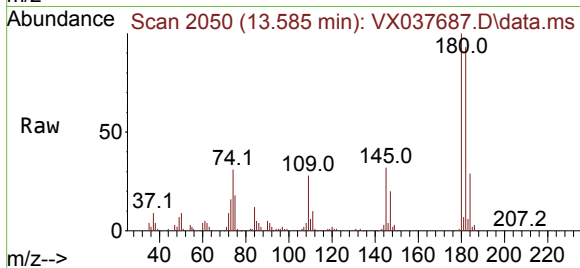
Tgt Ion:180 Resp: 63816

Ion Ratio Lower Upper

180 100

182 94.0 48.3 144.8

145 31.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 21.796 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037687.D

Acq: 13 Sep 2023 12:03

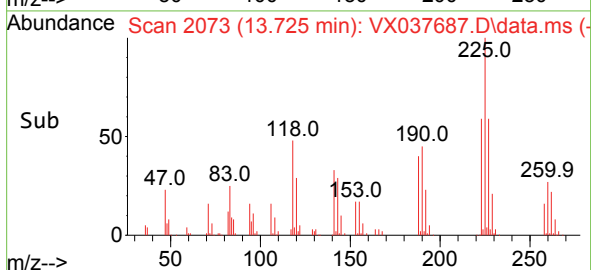
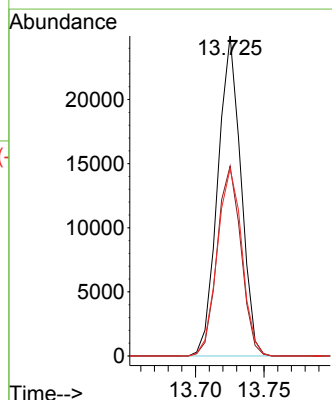
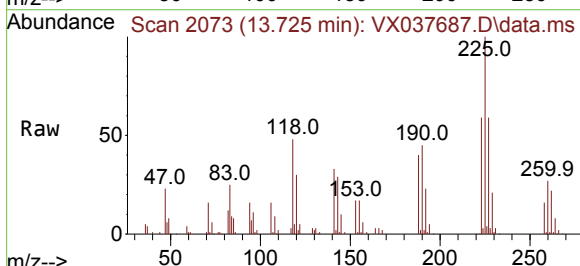
Tgt Ion:225 Resp: 29218

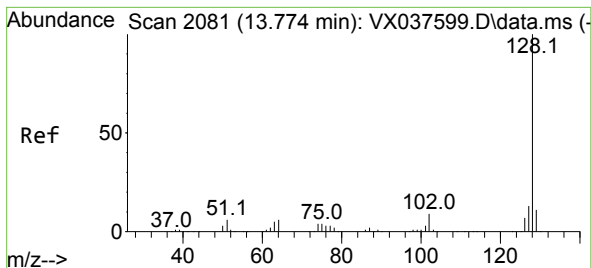
Ion Ratio Lower Upper

225 100

223 61.1 31.1 93.2

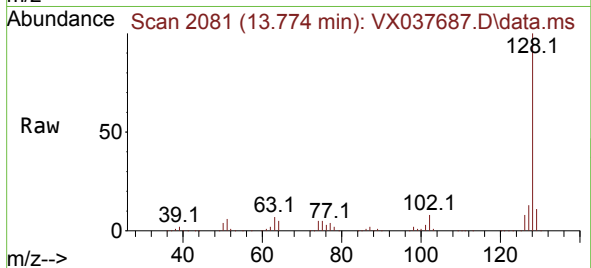
227 62.6 32.5 97.5



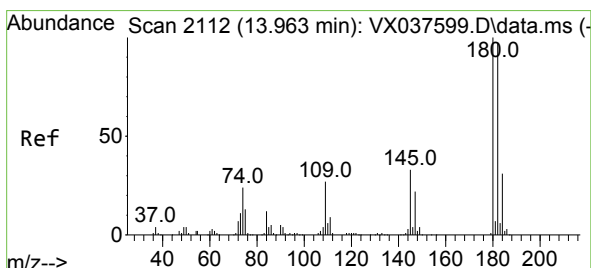
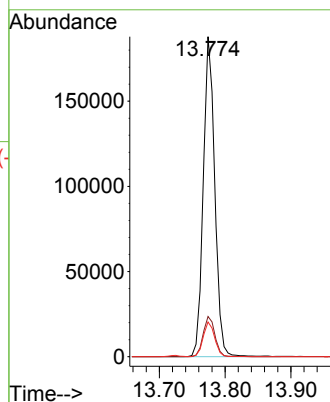
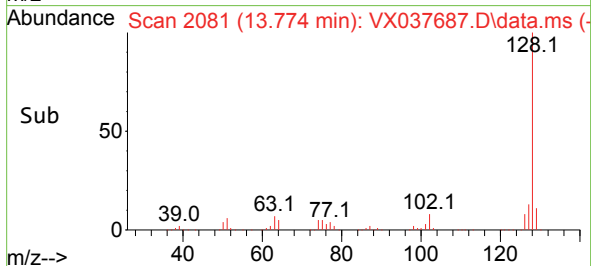


#95
Naphthalene
Concen: 19.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03

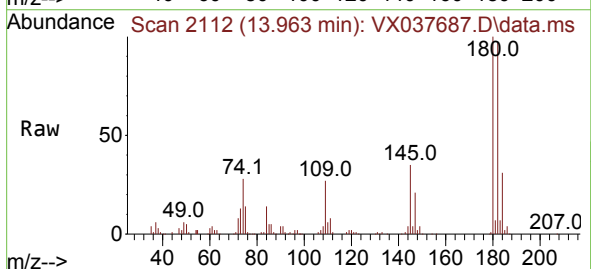
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 228287
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.559 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037687.D
Acq: 13 Sep 2023 12:03



Tgt Ion:180 Resp: 64398
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 33.9 17.8 53.5

