

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037059.D
 Acq On : 17 Aug 2023 14:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 18 06:04:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	171306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	293080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13108	5.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.620%#
35) Dibromofluoromethane	5.385	113	10094	5.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.400%#
50) Toluene-d8	8.646	98	37202	5.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.560%#
62) 4-Bromofluorobenzene	11.079	95	14157	5.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8400	4.221	ug/l	99
3) Chloromethane	1.300	50	7711	4.429	ug/l	96
4) Vinyl Chloride	1.373	62	8612	4.545	ug/l	95
5) Bromomethane	1.599	94	4581	4.853	ug/l	95
6) Chloroethane	1.672	64	5089	4.564	ug/l	99
7) Trichlorofluoromethane	1.879	101	15767	5.079	ug/l	98
8) Diethyl Ether	2.135	74	5720	4.763	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.324	101	8959	4.947	ug/l	98
10) Methyl Iodide	2.446	142	8882	4.036	ug/l	92
11) Tert butyl alcohol	2.971	59	13795	23.812	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	8779	4.978	ug/l	86
13) Acrolein	2.239	56	12126	27.514	ug/l	100
14) Allyl chloride	2.660	41	12905	4.728	ug/l #	92
15) Acrylonitrile	3.068	53	24614	23.804	ug/l	99
16) Acetone	2.385	43	24156	25.002	ug/l	93
17) Carbon Disulfide	2.507	76	20606	4.594	ug/l	96
18) Methyl Acetate	2.708	43	17302	4.756	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	32181	4.812	ug/l	93
20) Methylene Chloride	2.788	84	10270	4.753	ug/l	86
21) trans-1,2-Dichloroethene	3.086	96	9817	4.897	ug/l	85
22) Diisopropyl ether	3.763	45	27377	4.888	ug/l #	95
23) Vinyl Acetate	3.727	43	101732	23.702	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	17099	4.868	ug/l	99
25) 2-Butanone	4.562	43	35766	24.586	ug/l	90
26) 2,2-Dichloropropane	4.476	77	15556	4.959	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	11447	4.844	ug/l	92
28) Bromochloromethane	4.897	49	7824	4.987	ug/l #	76
29) Tetrahydrofuran	5.013	42	22788	24.563	ug/l #	86
30) Chloroform	5.098	83	18737	4.752	ug/l	96
31) Cyclohexane	5.464	56	14166	5.101	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	16960	4.800	ug/l	96
36) 1,1-Dichloropropene	5.696	75	13778	4.996	ug/l	98
37) Ethyl Acetate	4.720	43	13433	4.769	ug/l #	94
38) Carbon Tetrachloride	5.677	117	14050	4.690	ug/l	97
39) Methylcyclohexane	7.378	83	14782	5.102	ug/l	92
40) Benzene	6.043	78	39128	4.947	ug/l	99

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 ClientSampleId :
 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	6819	4.657	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	15455	4.983	ug/l	97
43) Isopropyl Acetate	6.348	43	21862	4.888	ug/l #	94
44) Trichloroethene	7.128	130	10881	4.852	ug/l	98
45) 1,2-Dichloropropane	7.427	63	9570	4.907	ug/l	96
46) Dibromomethane	7.586	93	7613	4.956	ug/l	96
47) Bromodichloromethane	7.823	83	13662	4.643	ug/l	96
48) Methyl methacrylate	7.695	41	10553	4.839	ug/l #	89
49) 1,4-Dioxane	7.671	88	5695	96.955	ug/l #	82
51) 4-Methyl-2-Pentanone	8.573	43	67202	24.746	ug/l	93
52) Toluene	8.720	92	25949	4.966	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	14011	4.472	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	15341	4.531	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	10163	4.776	ug/l	92
56) Ethyl methacrylate	9.116	69	15513	4.654	ug/l	90
57) 1,3-Dichloropropane	9.311	76	17441	4.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	40597	25.382	ug/l	93
59) 2-Hexanone	9.433	43	50567	24.421	ug/l	91
60) Dibromochloromethane	9.524	129	9876	4.359	ug/l	99
61) 1,2-Dibromoethane	9.610	107	10876	4.668	ug/l	99
64) Tetrachloroethene	9.274	164	9713	5.118	ug/l	93
65) Chlorobenzene	10.079	112	27349	4.974	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	9637	4.749	ug/l	99
67) Ethyl Benzene	10.195	91	49003	5.065	ug/l	96
68) m/p-Xylenes	10.305	106	37075	9.924	ug/l	99
69) o-Xylene	10.640	106	18148	4.924	ug/l	97
70) Styrene	10.658	104	28607	4.712	ug/l	98
71) Bromoform	10.798	173	6554	4.318	ug/l #	98
73) Isopropylbenzene	10.963	105	47226	5.166	ug/l	99
74) N-amyl acetate	10.841	43	17006	4.788	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	15017	4.878	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	16927	6.320	ug/l	90
77) Bromobenzene	11.195	156	10893	4.879	ug/l	95
78) n-propylbenzene	11.304	91	52010	5.109	ug/l	100
79) 2-Chlorotoluene	11.365	91	32804	5.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	39467	5.175	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3697	3.855	ug/l	97
82) 4-Chlorotoluene	11.457	91	38074	5.070	ug/l	100
83) tert-Butylbenzene	11.713	119	36178	4.975	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	39339	5.104	ug/l	99
85) sec-Butylbenzene	11.890	105	43812	5.158	ug/l	99
86) p-Isopropyltoluene	12.006	119	36746	5.025	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	20802	4.977	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	21267	5.008	ug/l	96
89) n-Butylbenzene	12.329	91	29973	4.944	ug/l	99
90) Hexachloroethane	12.536	117	5418	4.439	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	20525	5.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	3185	4.452	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	11397	4.759	ug/l	98
94) Hexachlorobutadiene	13.725	225	4855	5.247	ug/l	96
95) Naphthalene	13.774	128	56912	5.425	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	11795	4.957	ug/l	99

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 05:51:31 2023
Response via : Initial Calibration

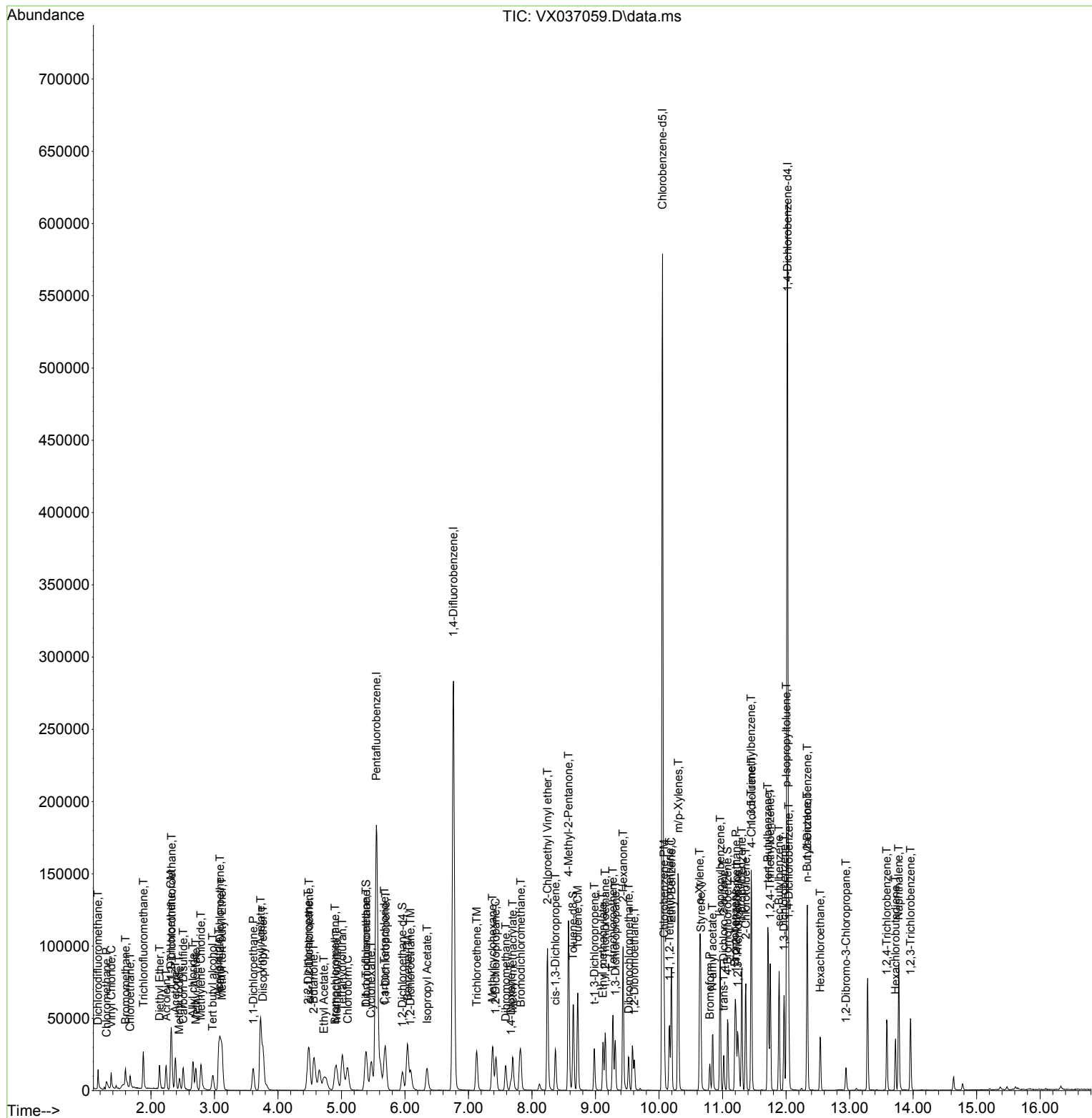
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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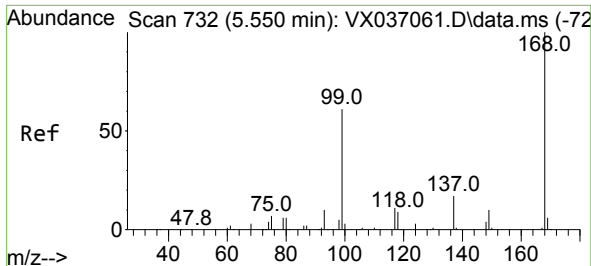
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX037059.D
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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 18 06:04:36 2023
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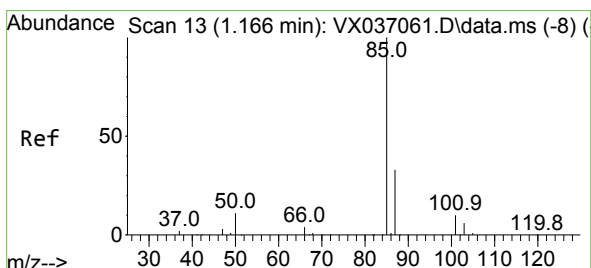
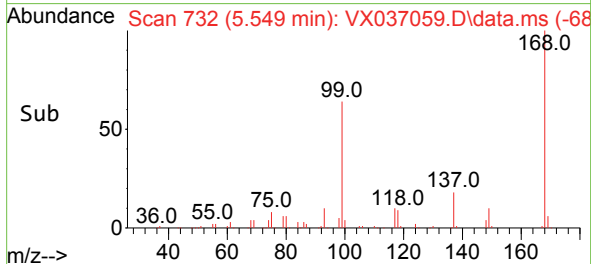
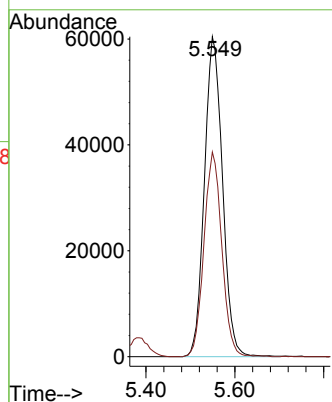
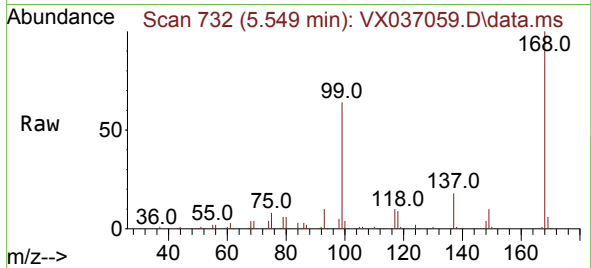




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037059.D
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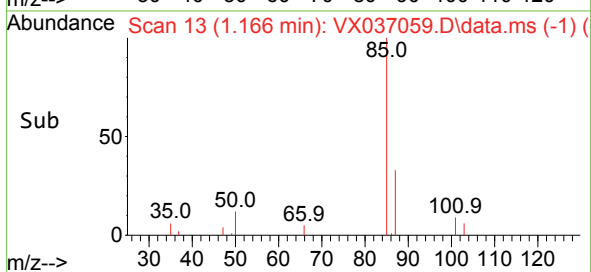
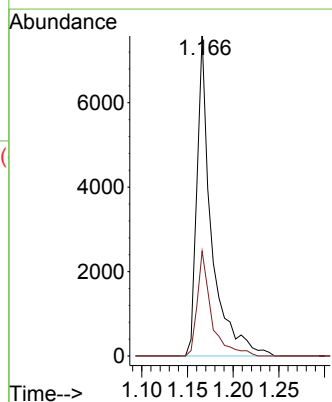
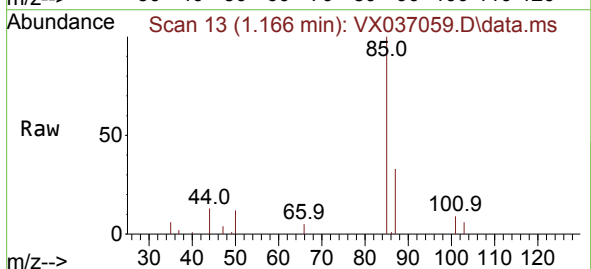
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

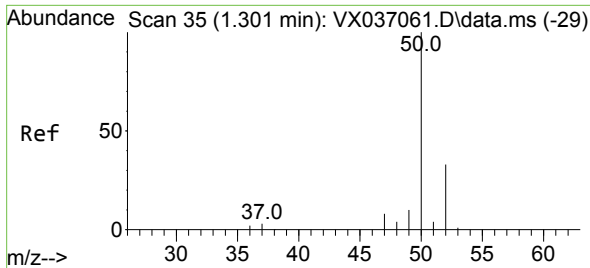
Tgt Ion:168 Resp: 171306
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 4.221 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 85 Resp: 8400
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1

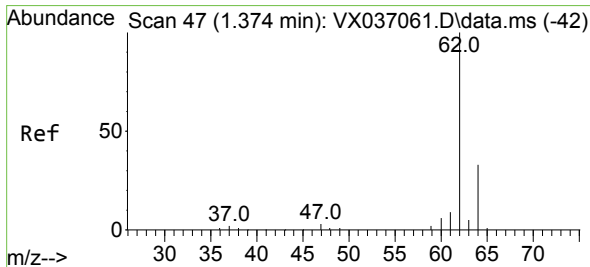
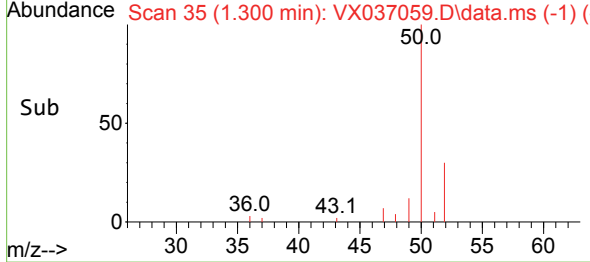
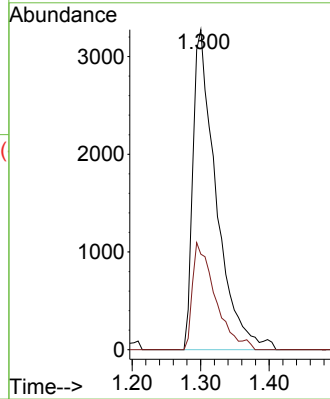
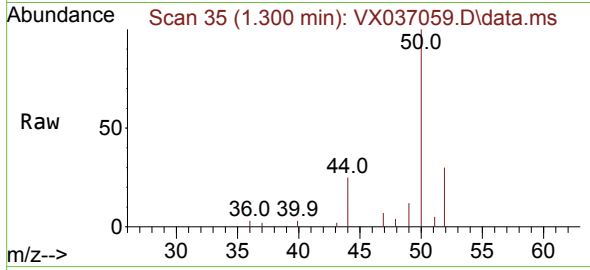




#3
Chloromethane
Concen: 4.429 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

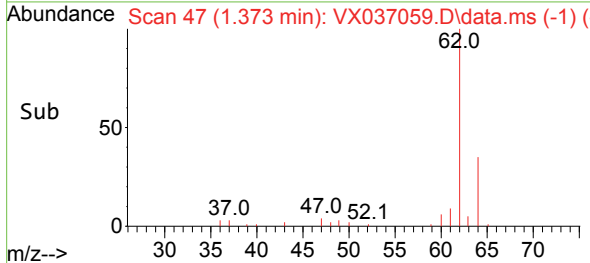
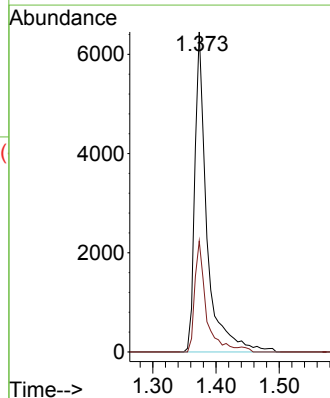
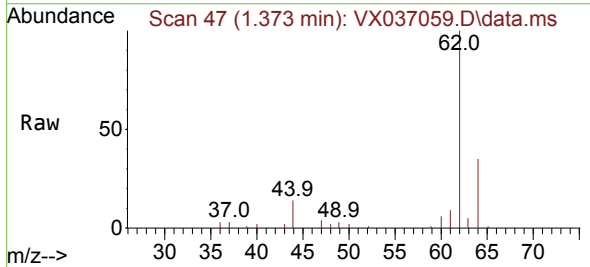
Instrument :
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ClientSampleId :
VSTDIC005

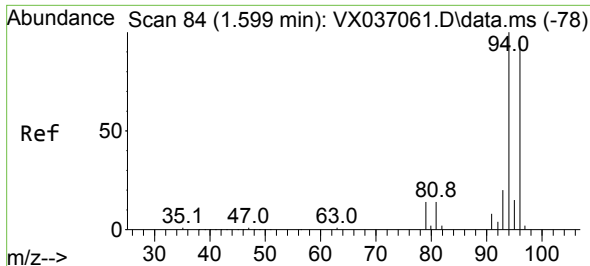
Tgt Ion: 50 Resp: 7711
Ion Ratio Lower Upper
50 100
52 29.9 25.5 38.3



#4
Vinyl Chloride
Concen: 4.545 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 62 Resp: 8612
Ion Ratio Lower Upper
62 100
64 34.7 25.4 38.0

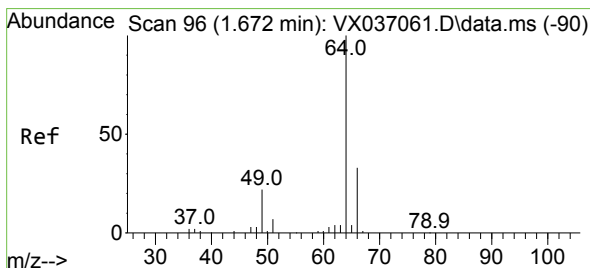
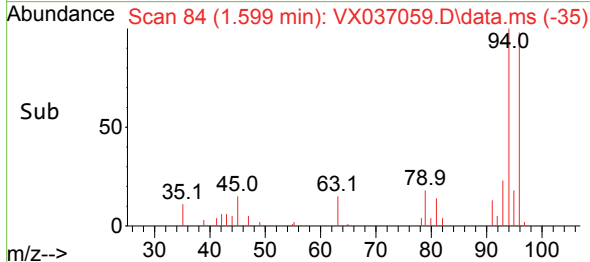
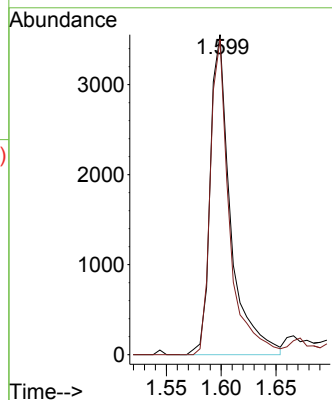
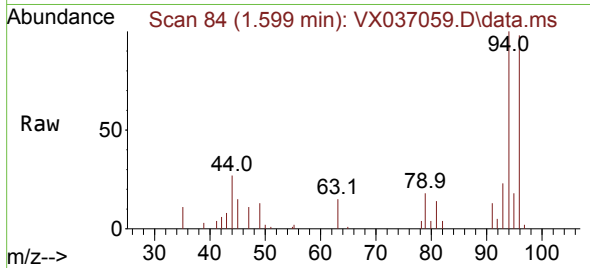




#5
Bromomethane
Concen: 4.853 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

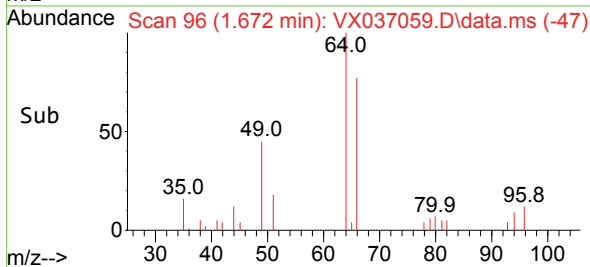
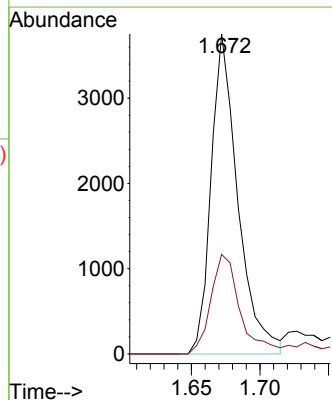
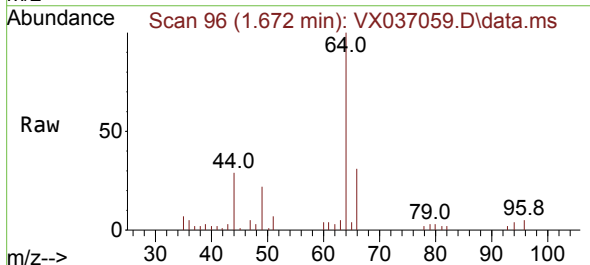
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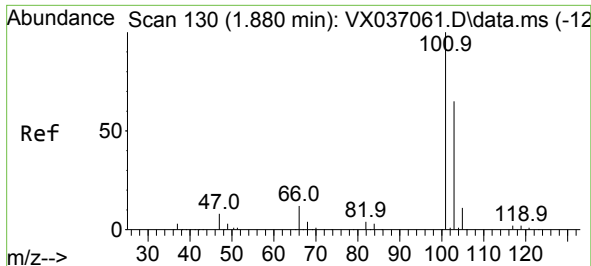
Tgt Ion: 94 Resp: 4581
Ion Ratio Lower Upper
94 100
96 98.5 74.6 111.8



#6
Chloroethane
Concen: 4.564 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 64 Resp: 5089
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7

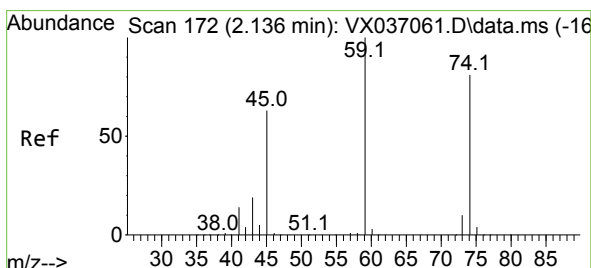
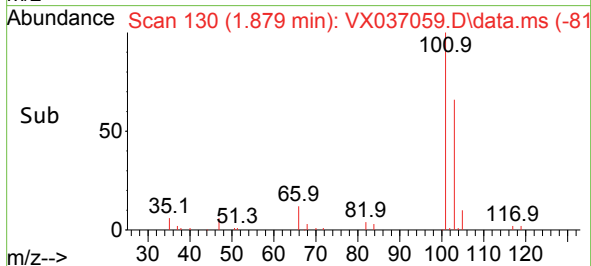
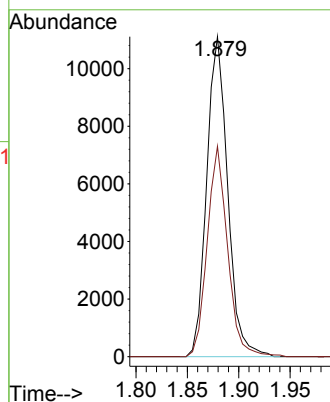
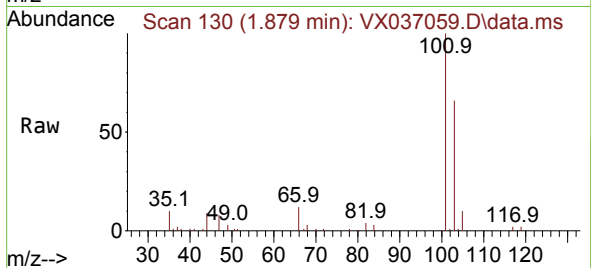




#7
Trichlorofluoromethane
Concen: 5.079 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

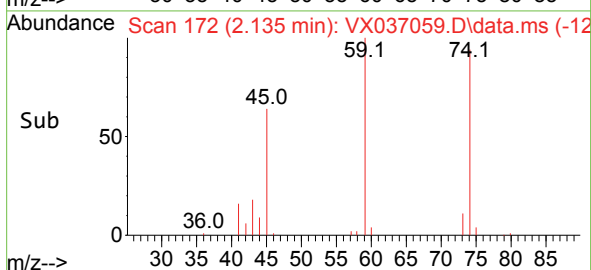
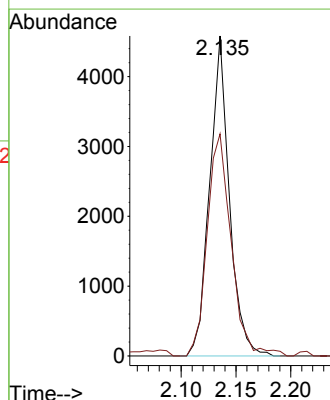
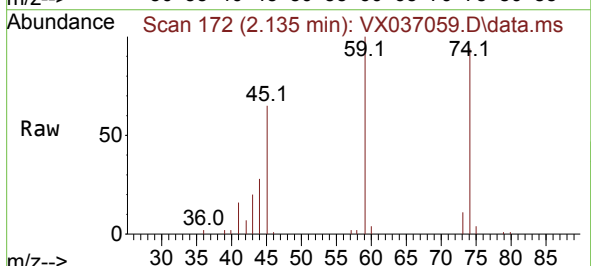
Instrument :
MSVOA_X
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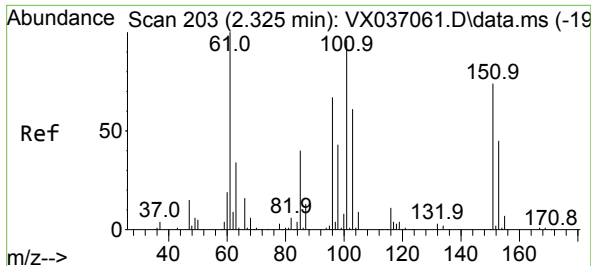
Tgt Ion:101 Resp: 15767
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2



#8
Diethyl Ether
Concen: 4.763 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 74 Resp: 5720
Ion Ratio Lower Upper
74 100
45 84.5 53.3 159.8

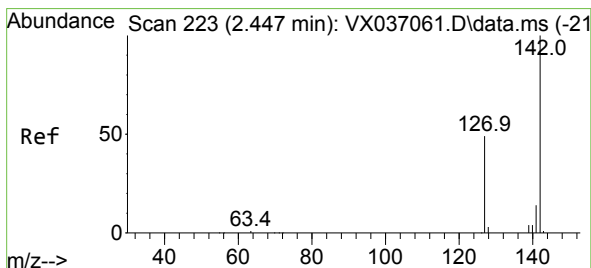
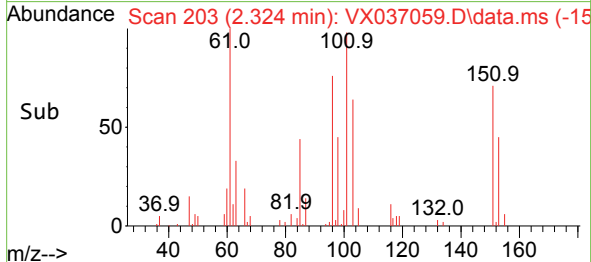
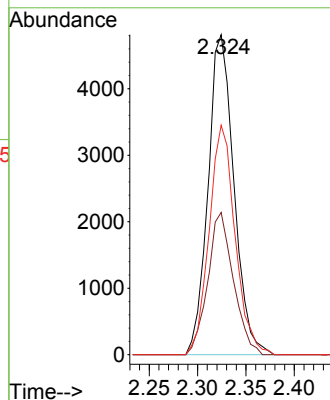
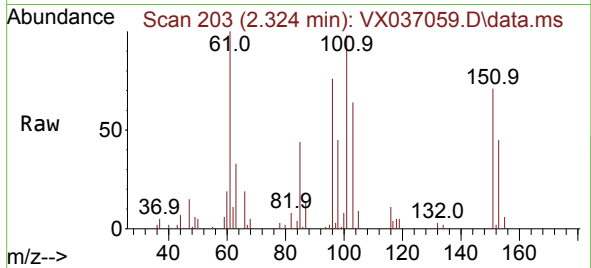




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.947 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

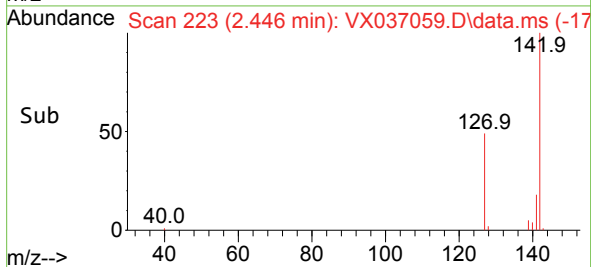
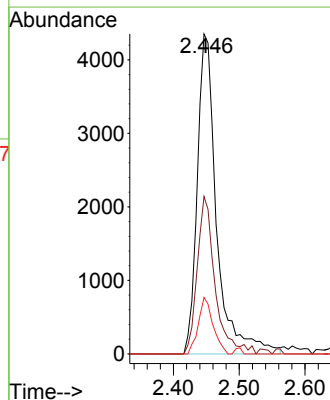
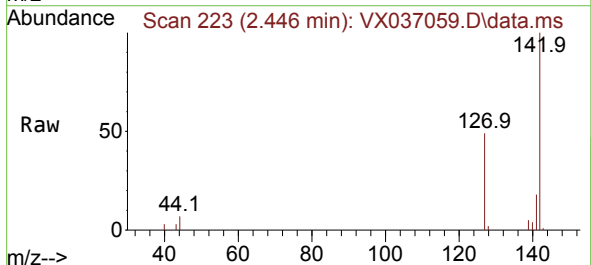
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

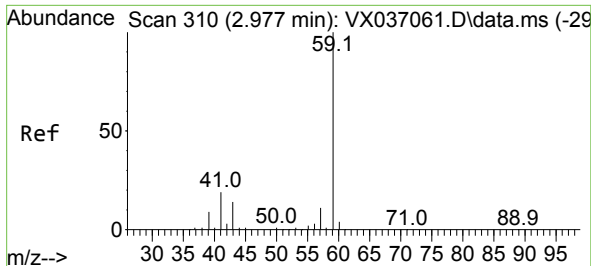
Tgt Ion:101 Resp: 8959
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.6
151 71.9 58.6 87.8



#10
Methyl Iodide
Concen: 4.036 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion:142 Resp: 8882
Ion Ratio Lower Upper
142 100
127 45.2 41.6 62.4
141 13.4 11.6 17.4

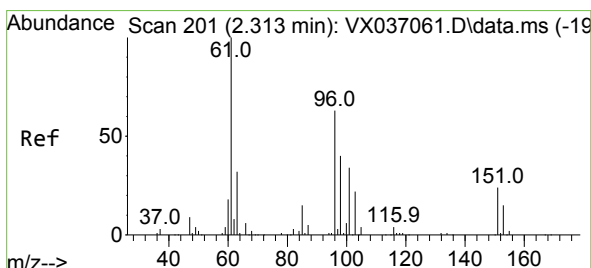
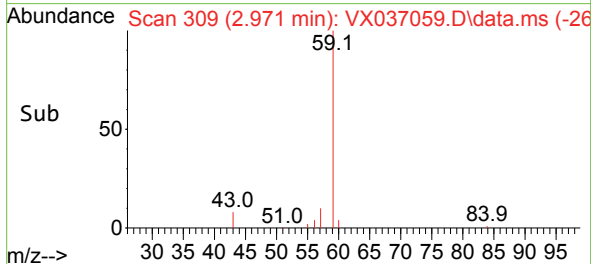
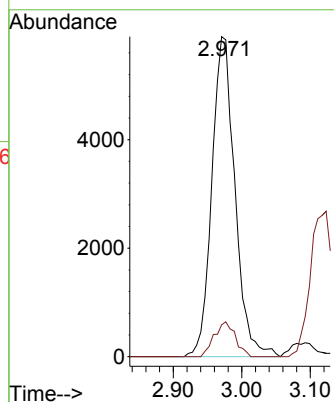
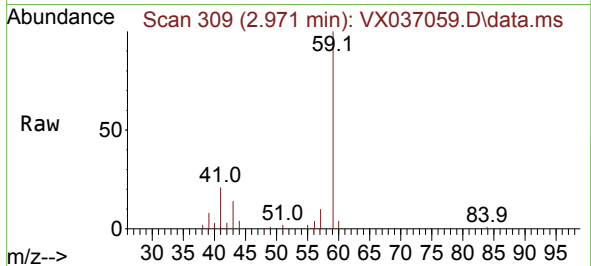




#11
Tert butyl alcohol
Concen: 23.812 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

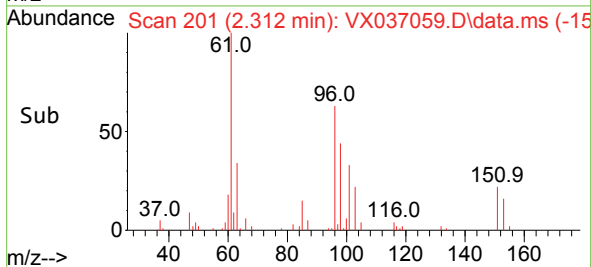
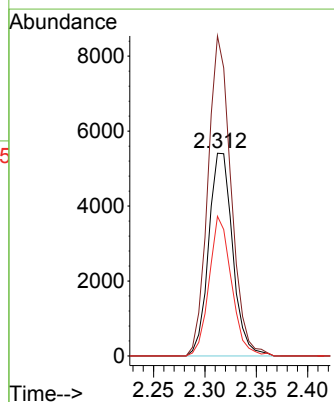
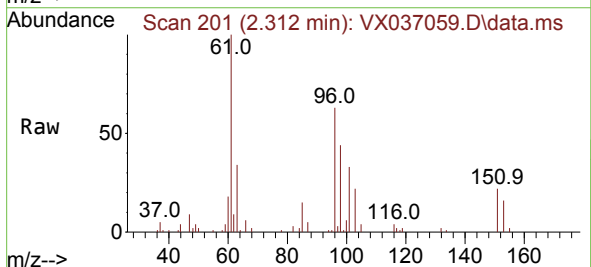
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

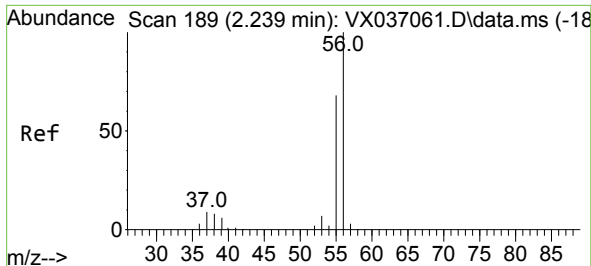
Tgt Ion: 59 Resp: 13795
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 4.978 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 96 Resp: 8779
Ion Ratio Lower Upper
96 100
61 157.9 144.6 216.8
98 68.9 50.4 75.6





#13

Acrolein

Concen: 27.514 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

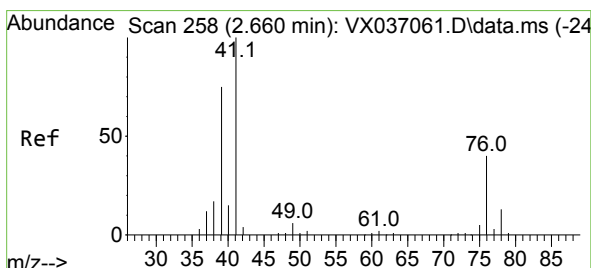
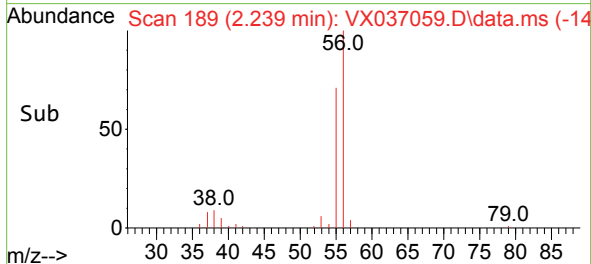
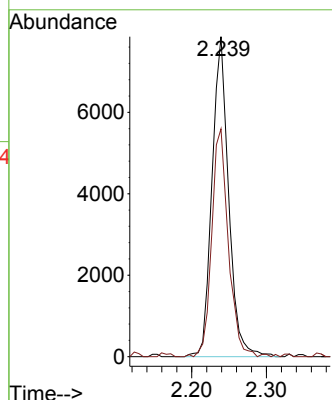
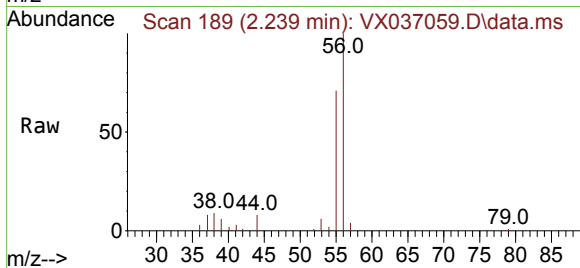
VSTDICC005

Tgt Ion: 56 Resp: 12126

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 4.728 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

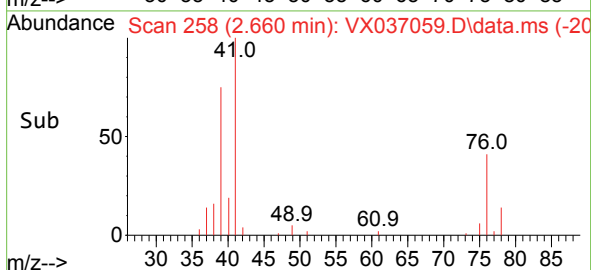
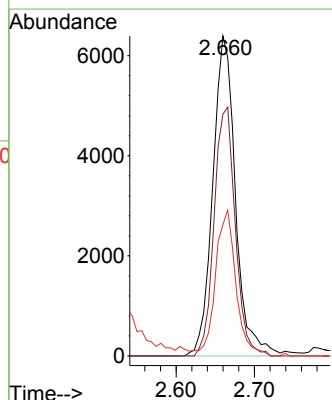
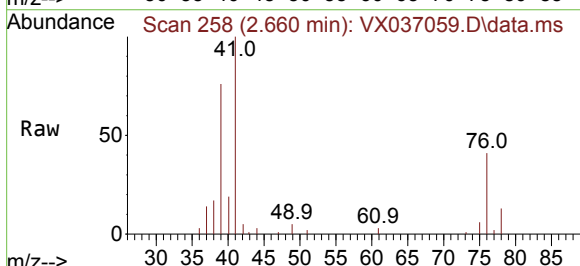
Tgt Ion: 41 Resp: 12905

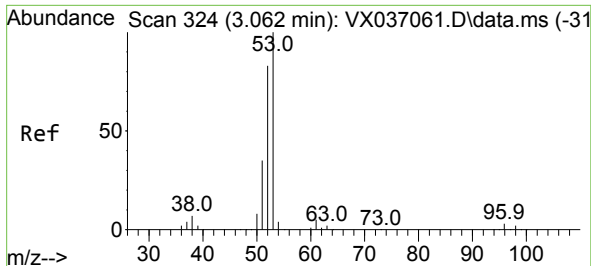
Ion Ratio Lower Upper

41 100

39 72.3 55.8 83.6

76 41.3 24.3 36.5





#15

Acrylonitrile

Concen: 23.804 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

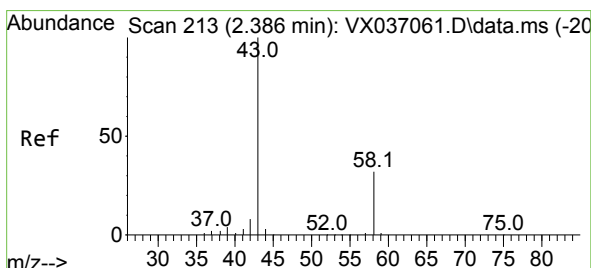
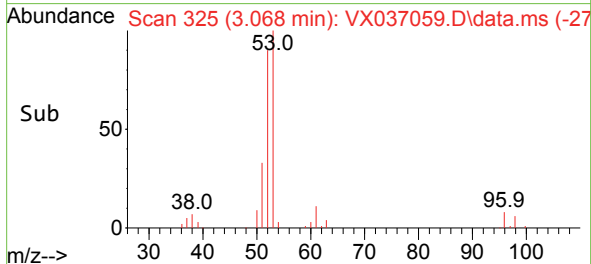
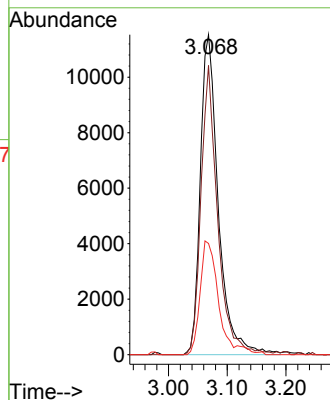
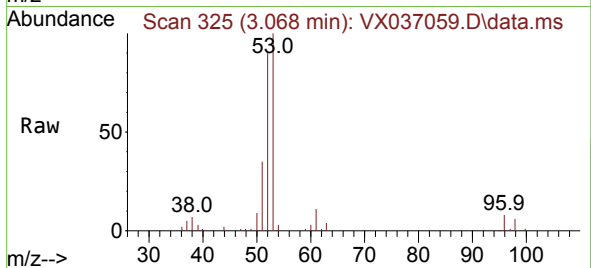
Tgt Ion: 53 Resp: 24614

Ion Ratio Lower Upper

53 100

52 83.5 66.0 99.0

51 36.9 29.8 44.6



#16

Acetone

Concen: 25.002 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037059.D

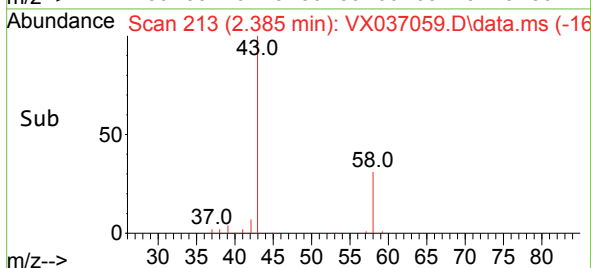
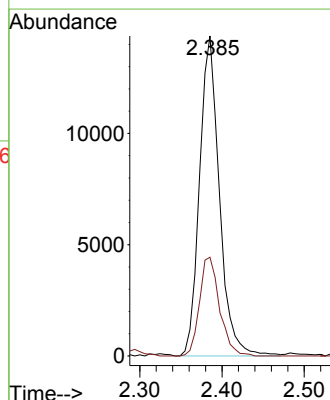
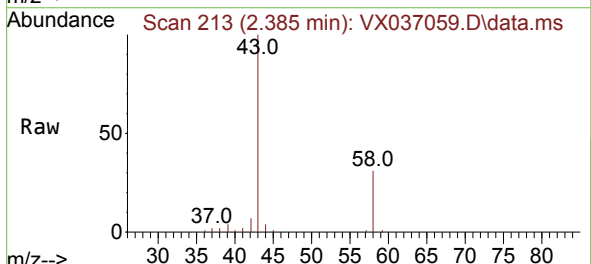
Acq: 17 Aug 2023 14:22

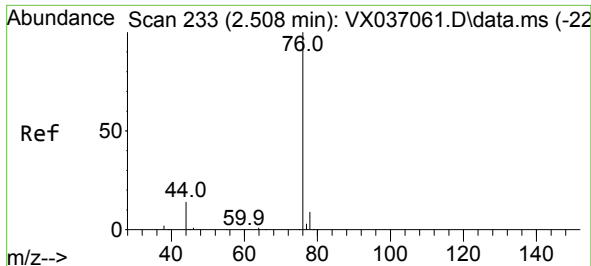
Tgt Ion: 43 Resp: 24156

Ion Ratio Lower Upper

43 100

58 30.9 21.9 32.9





#17

Carbon Disulfide

Concen: 4.594 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

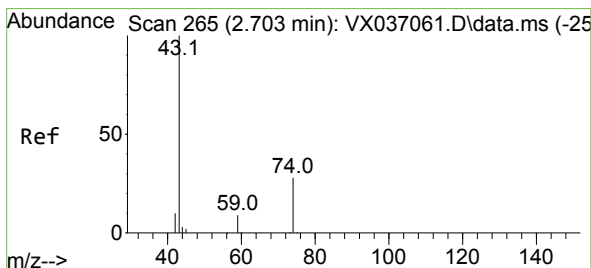
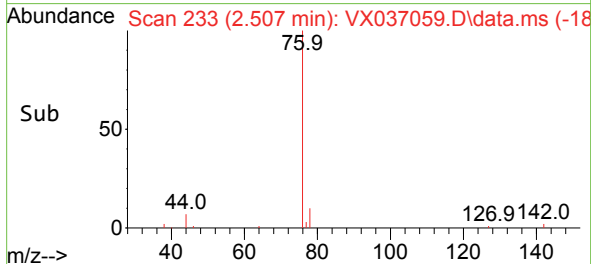
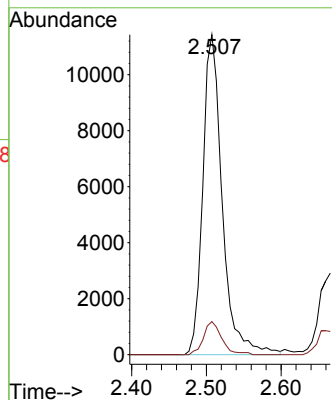
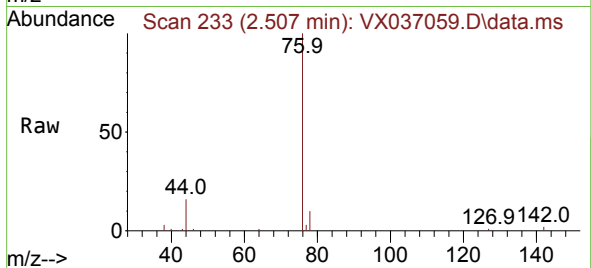
VSTDIC005

Tgt Ion: 76 Resp: 20606

Ion Ratio Lower Upper

76 100

78 10.4 7.0 10.6



#18

Methyl Acetate

Concen: 4.756 ug/l

RT: 2.708 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX037059.D

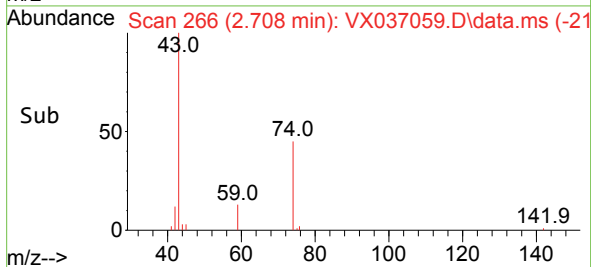
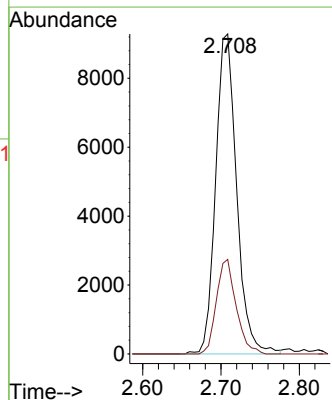
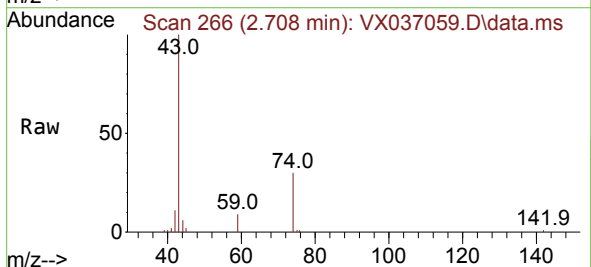
Acq: 17 Aug 2023 14:22

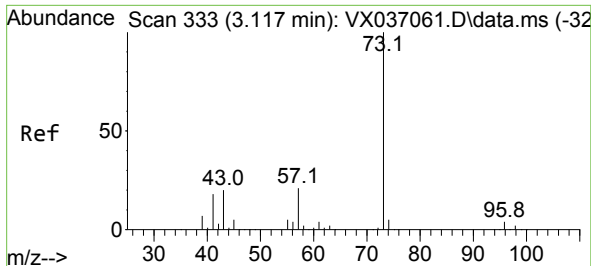
Tgt Ion: 43 Resp: 17302

Ion Ratio Lower Upper

43 100

74 27.8 17.8 26.8#

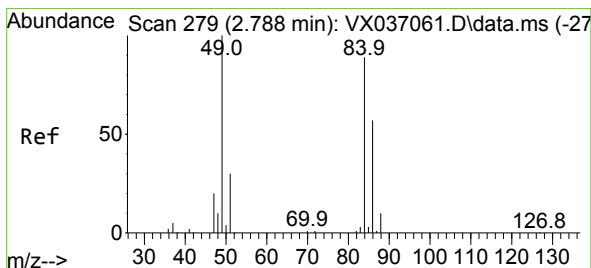
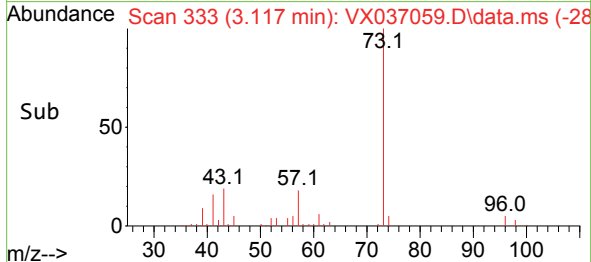
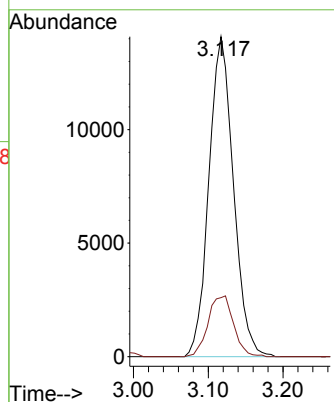
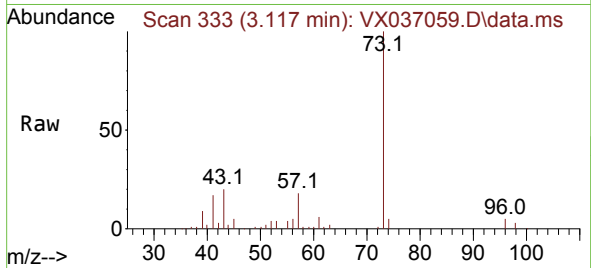




#19
Methyl tert-butyl Ether
Concen: 4.812 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

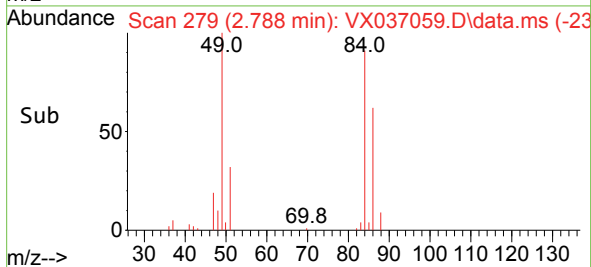
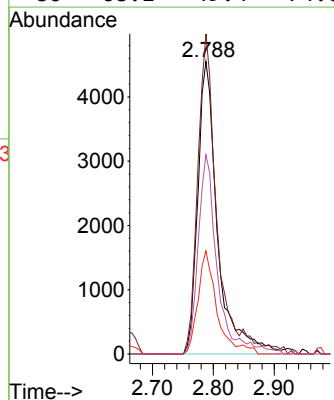
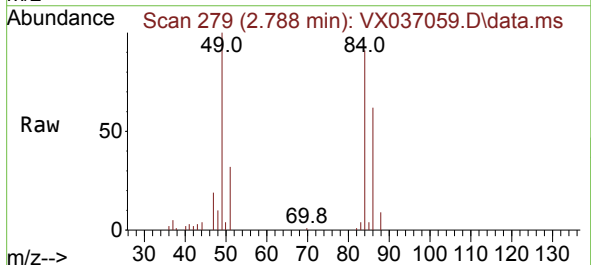
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

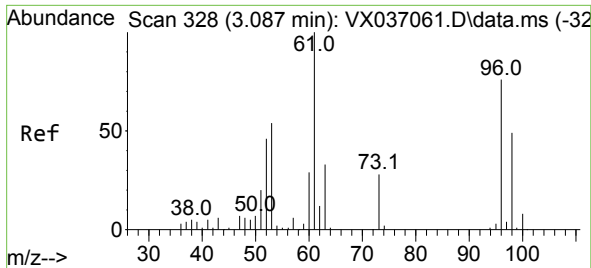
Tgt Ion: 73 Resp: 32181
Ion Ratio Lower Upper
73 100
57 18.5 17.3 25.9



#20
Methylene Chloride
Concen: 4.753 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 84 Resp: 10270
Ion Ratio Lower Upper
84 100
49 109.4 103.6 155.4
51 35.3 33.8 50.6
86 68.1 49.4 74.0

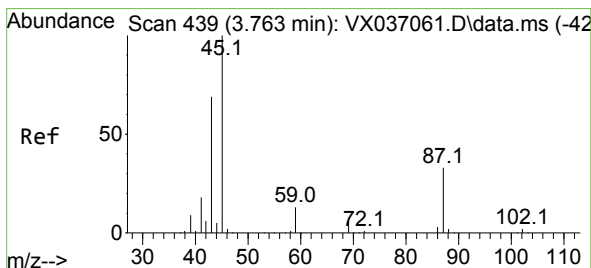
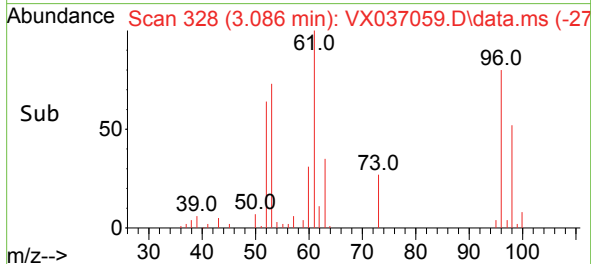
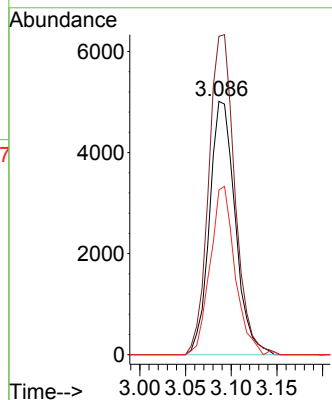
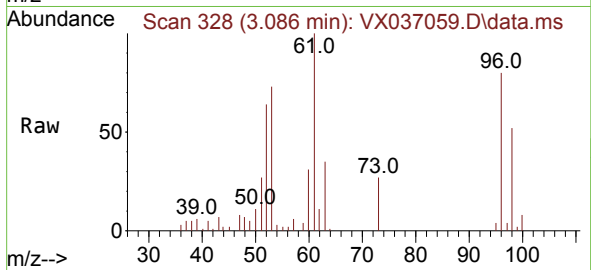




#21
trans-1,2-Dichloroethene
Concen: 4.897 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

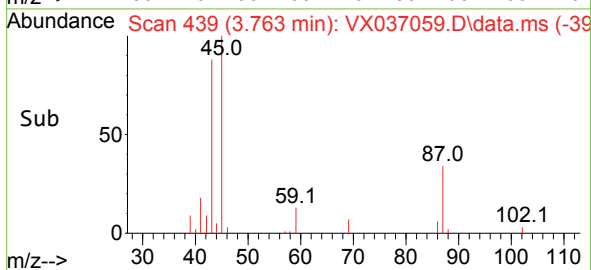
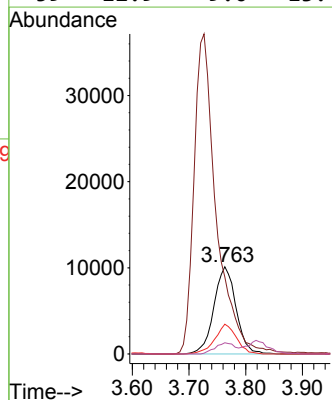
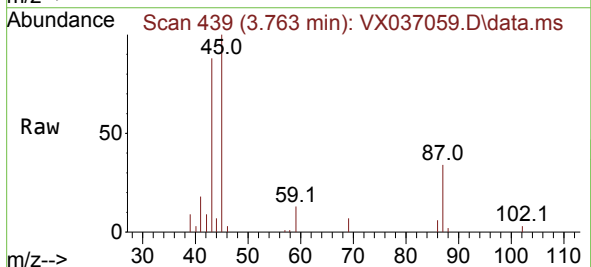
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

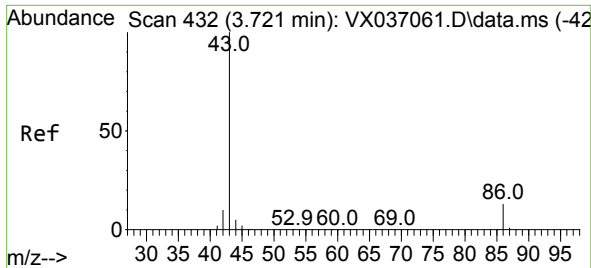
Tgt Ion: 96 Resp: 9817
Ion Ratio Lower Upper
96 100
61 125.7 119.2 178.8
98 65.0 48.7 73.1



#22
Diisopropyl ether
Concen: 4.888 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 45 Resp: 27377
Ion Ratio Lower Upper
45 100
43 85.9 69.7 104.5
87 34.2 20.8 31.2#
59 12.9 9.0 13.4

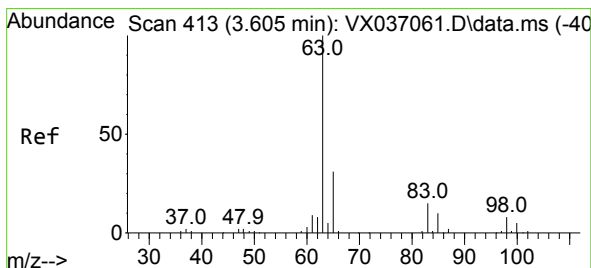
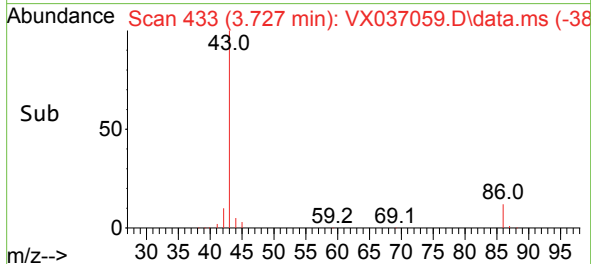
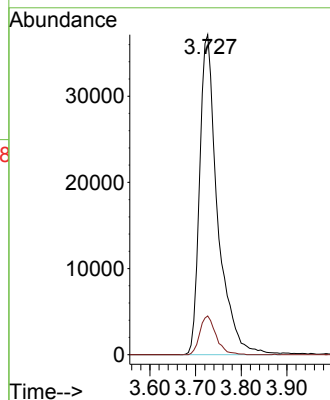
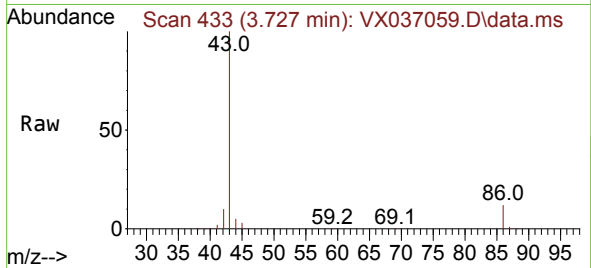




#23
 Vinyl Acetate
 Concen: 23.702 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

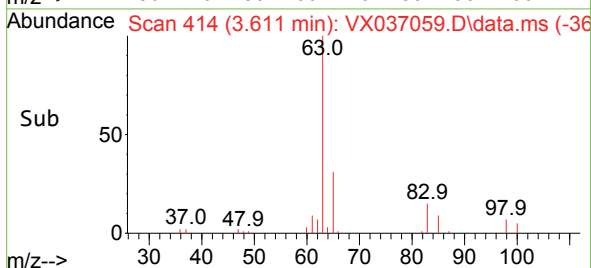
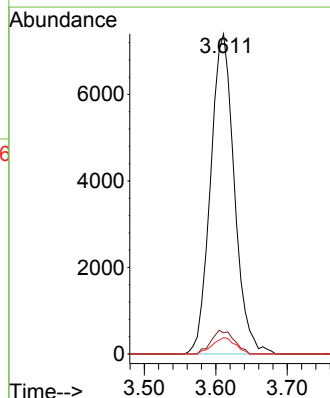
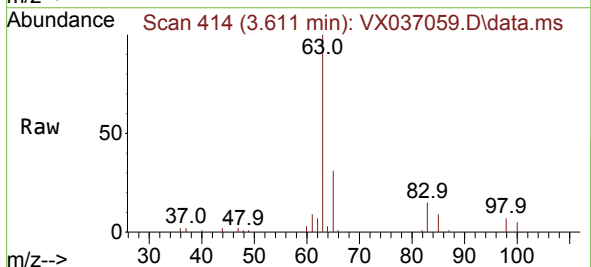
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

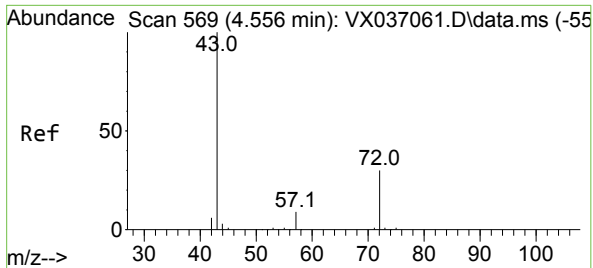
Tgt Ion: 43 Resp: 101732
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 4.868 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

Tgt Ion: 63 Resp: 17099
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 5.1 2.1 6.5

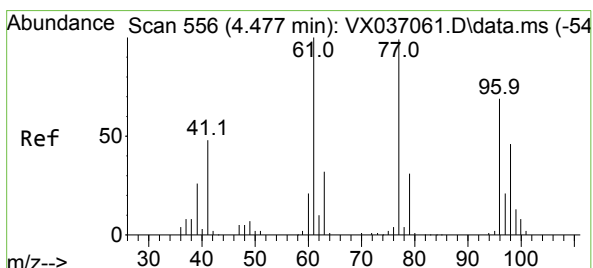
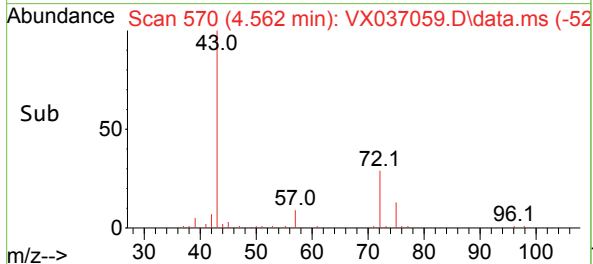
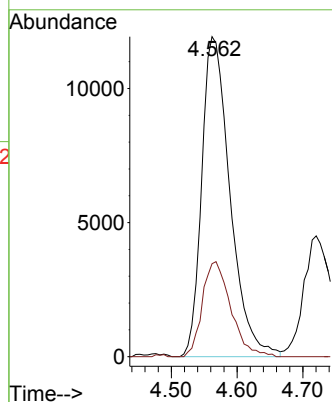
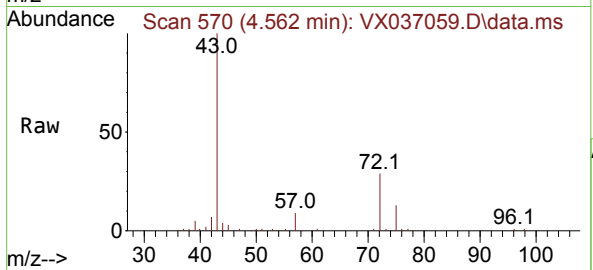




#25
2-Butanone
Concen: 24.586 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

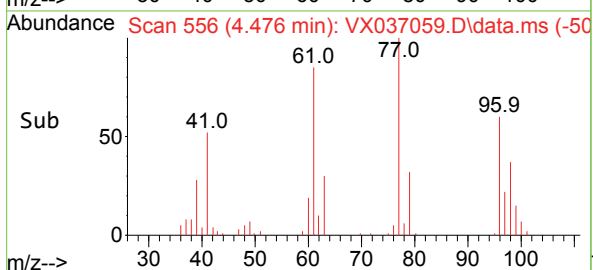
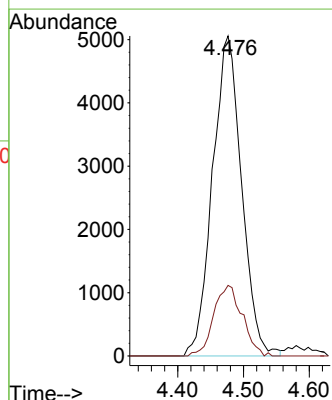
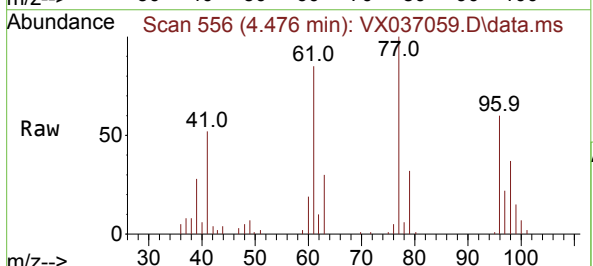
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

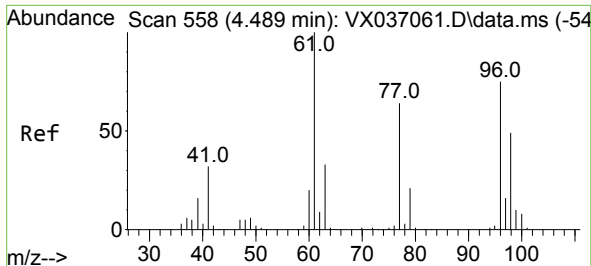
Tgt Ion: 43 Resp: 35766
Ion Ratio Lower Upper
43 100
72 29.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 4.959 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 77 Resp: 15556
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.844 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

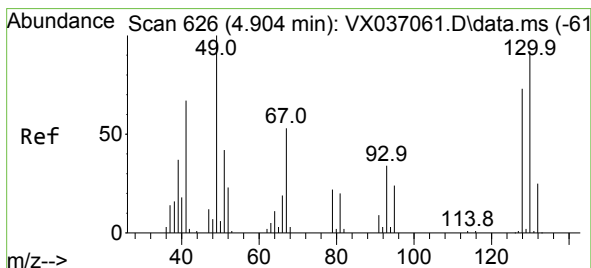
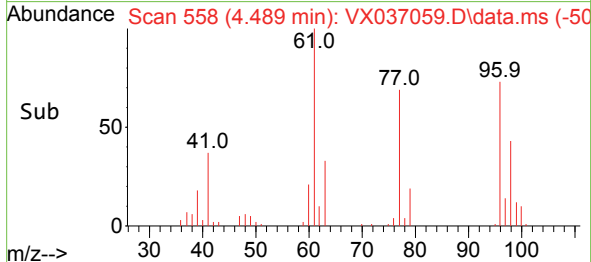
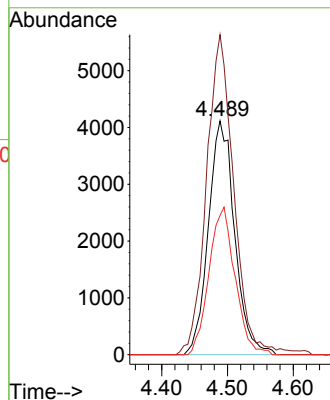
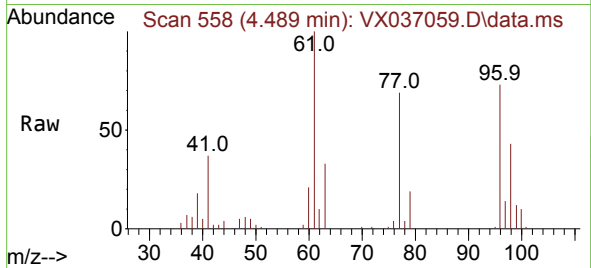
Tgt Ion: 96 Resp: 11447

Ion Ratio Lower Upper

96 100

61 142.5 0.0 312.2

98 62.5 0.0 129.0



#28

Bromochloromethane

Concen: 4.987 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

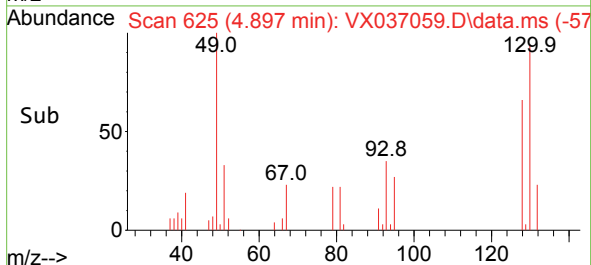
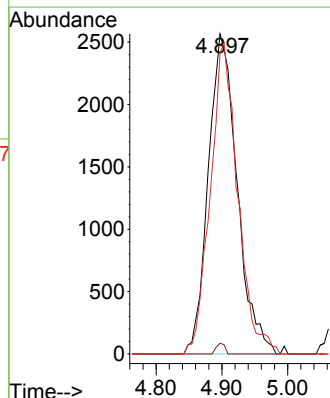
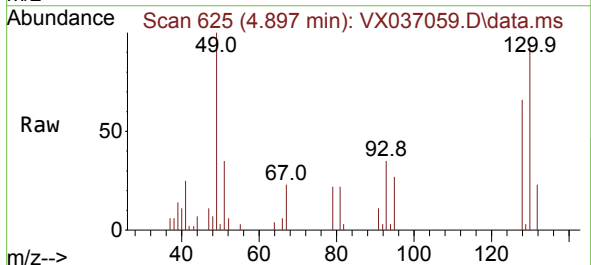
Tgt Ion: 49 Resp: 7824

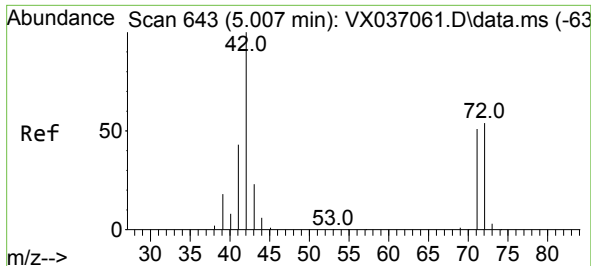
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 92.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 24.563 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

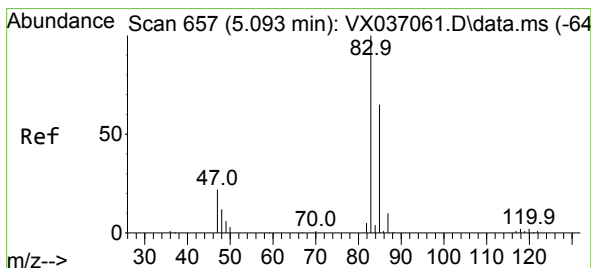
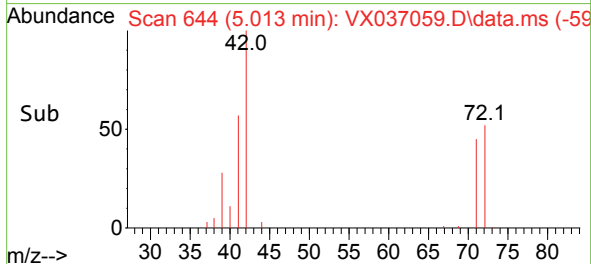
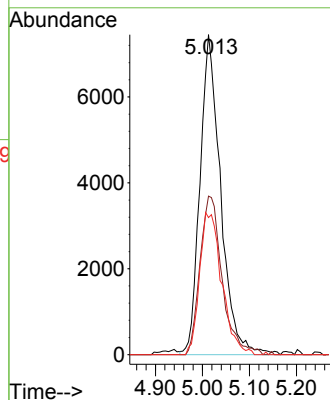
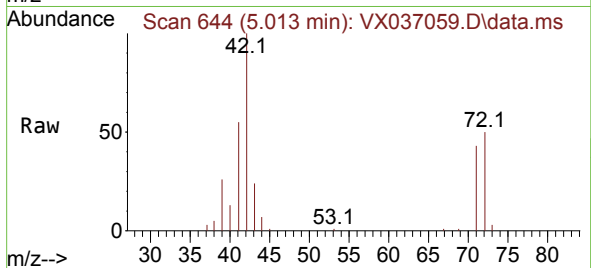
Tgt Ion: 42 Resp: 22788

Ion Ratio Lower Upper

42 100

72 52.9 34.2 51.4#

71 47.6 32.2 48.2



#30

Chloroform

Concen: 4.752 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037059.D

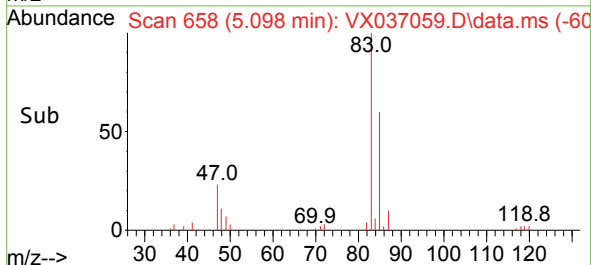
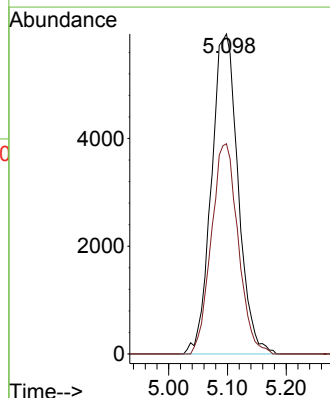
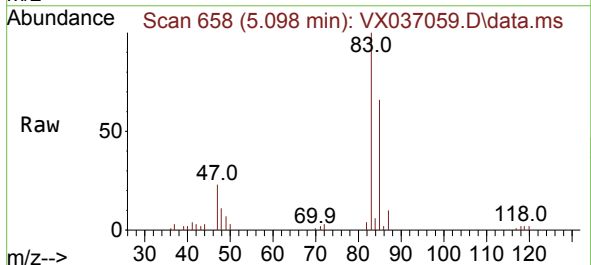
Acq: 17 Aug 2023 14:22

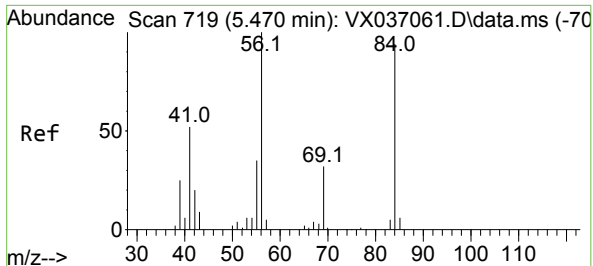
Tgt Ion: 83 Resp: 18737

Ion Ratio Lower Upper

83 100

85 65.7 50.3 75.5

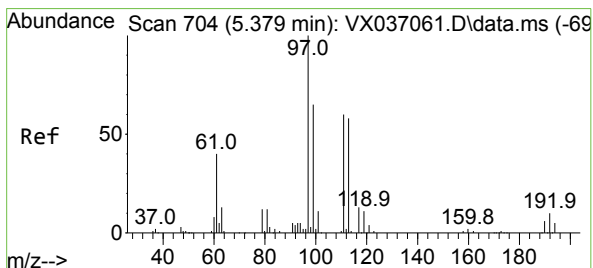
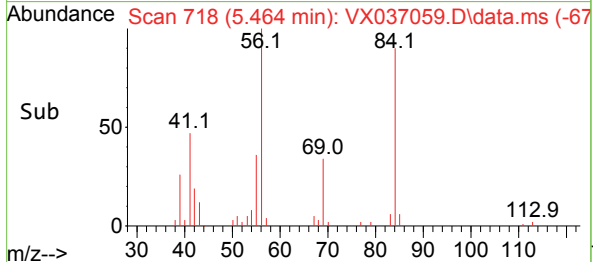
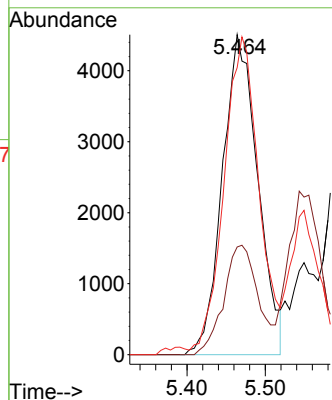
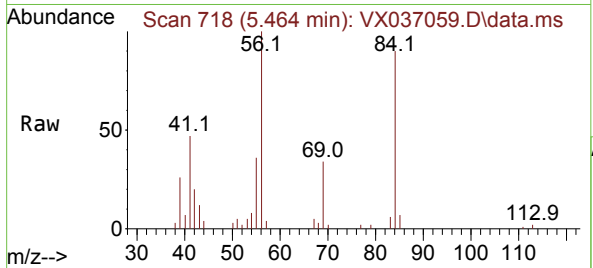




#31
Cyclohexane
Concen: 5.101 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

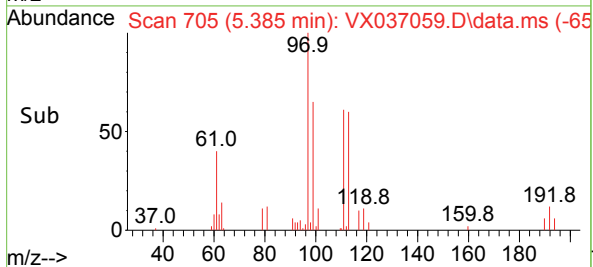
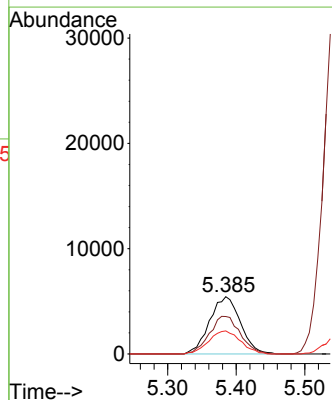
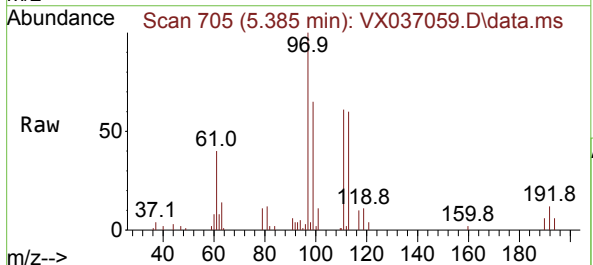
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

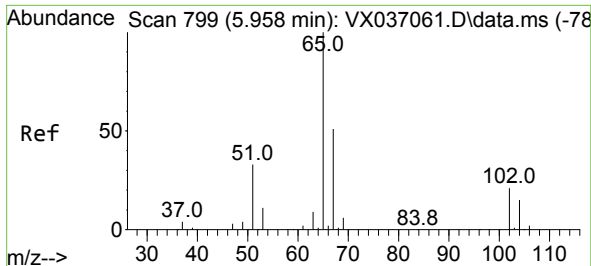
Tgt Ion:	56	Resp:	14166
Ion	Ratio	Lower	Upper
56	100		
69	33.7	23.4	35.2
84	87.3	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 4.800 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion:	97	Resp:	16960
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.1	76.7
61	41.4	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 5.308 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

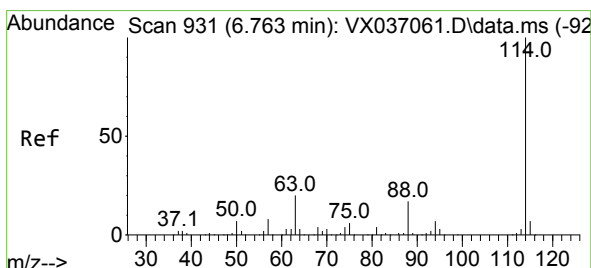
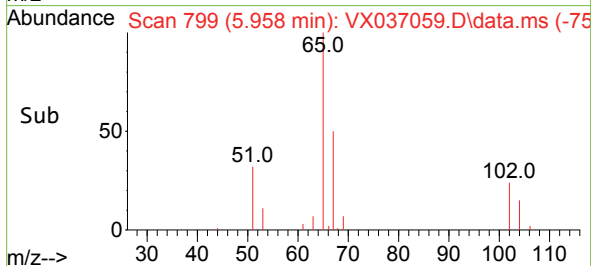
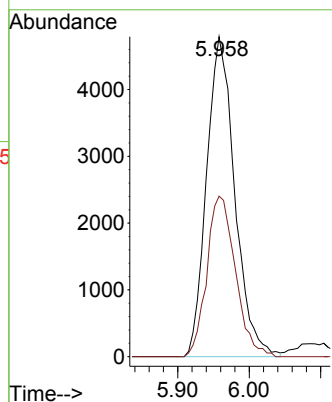
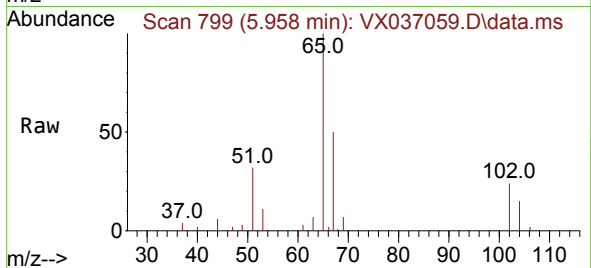
VSTDIC005

Tgt Ion: 65 Resp: 13108

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037059.D

Acq: 17 Aug 2023 14:22

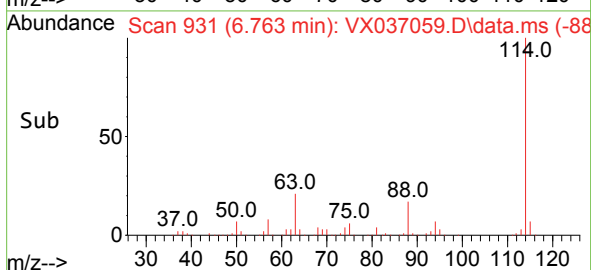
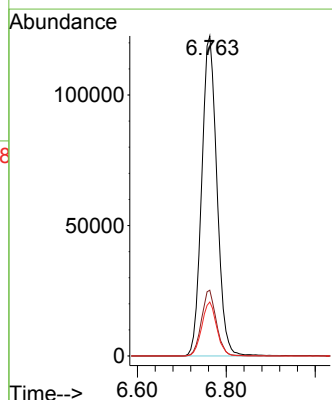
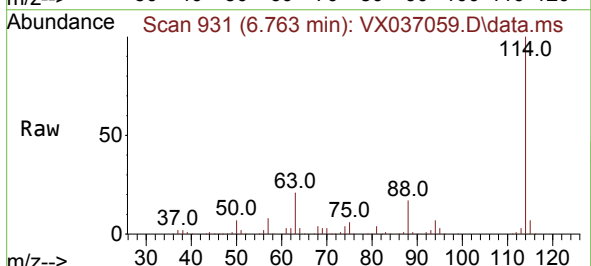
Tgt Ion: 114 Resp: 293080

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.8 0.0 36.6

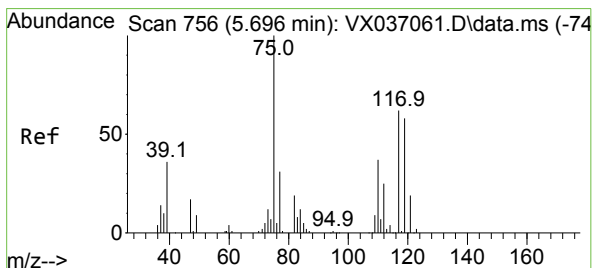
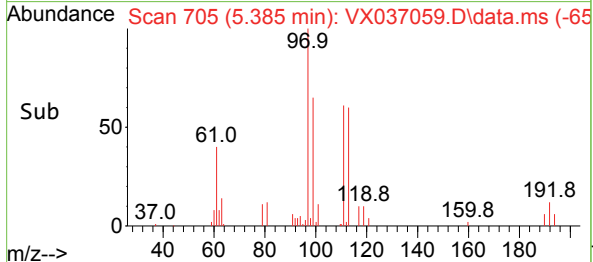
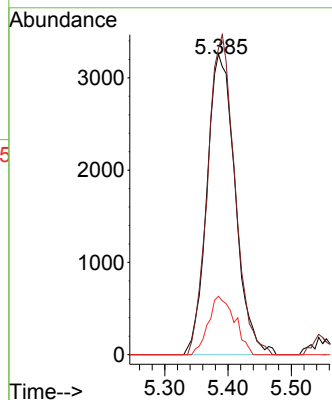
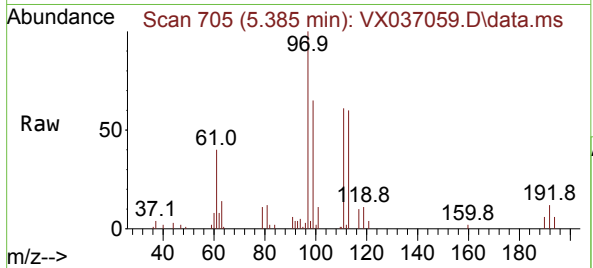




#35
Dibromofluoromethane
Concen: 5.200 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

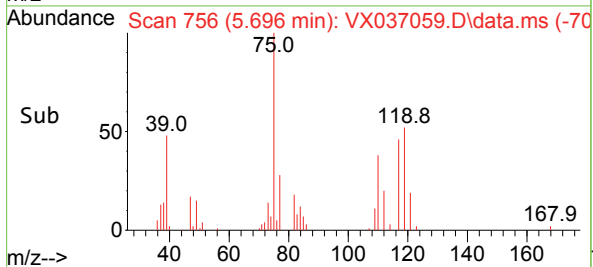
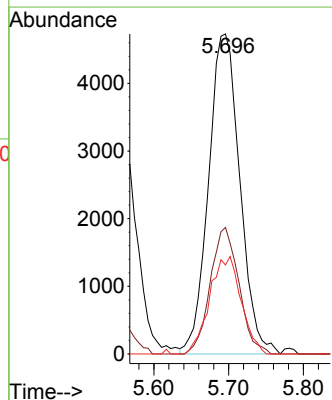
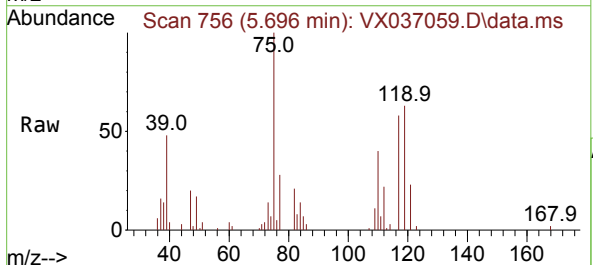
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

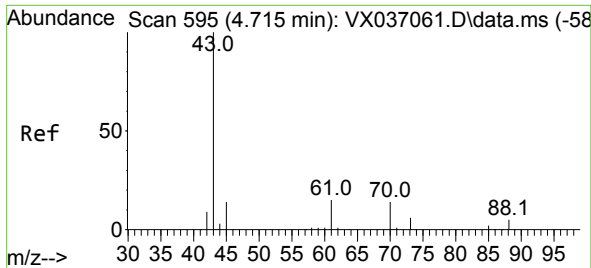
Tgt Ion:113 Resp: 10094
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 75 Resp: 13778
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 4.769 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

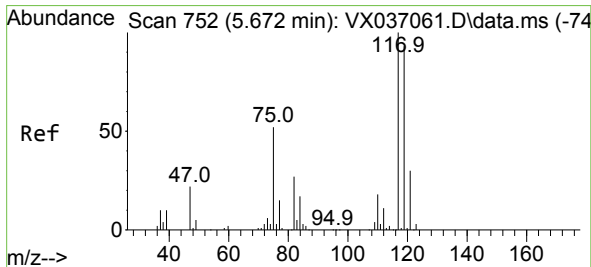
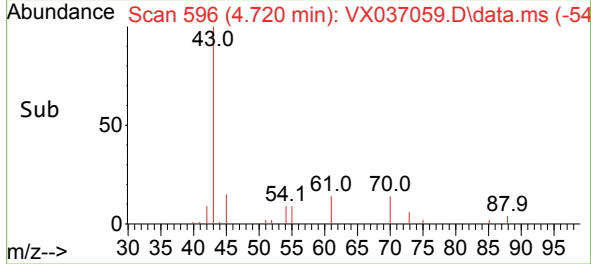
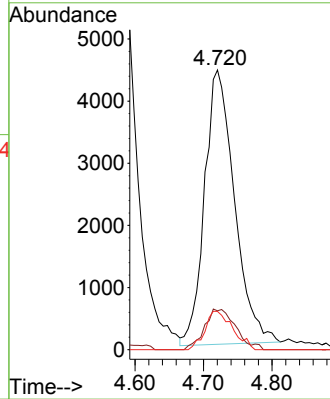
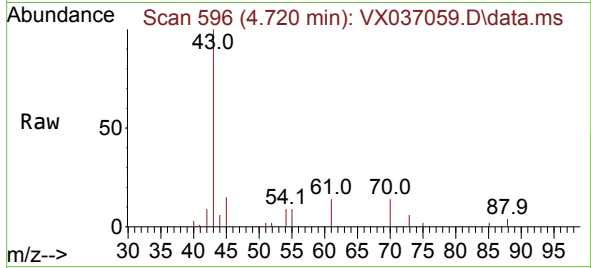
Tgt Ion: 43 Resp: 13433

Ion Ratio Lower Upper

43 100

61 15.4 10.6 16.0

70 12.9 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 4.690 ug/l

RT: 5.677 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

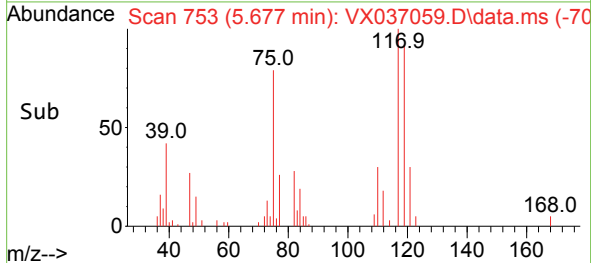
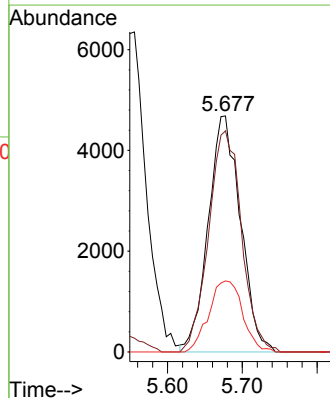
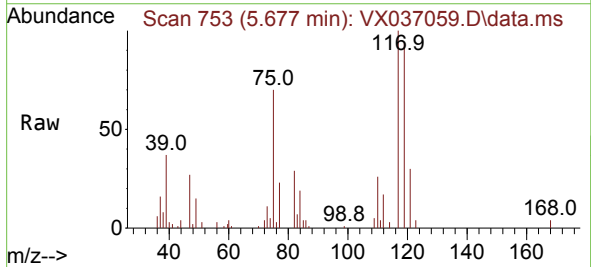
Tgt Ion: 117 Resp: 14050

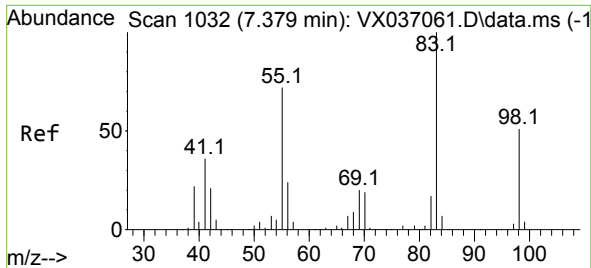
Ion Ratio Lower Upper

117 100

119 93.7 78.2 117.2

121 30.1 24.4 36.6

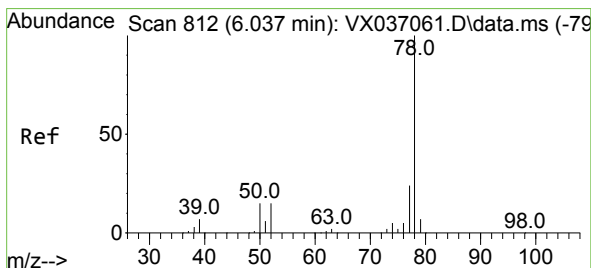
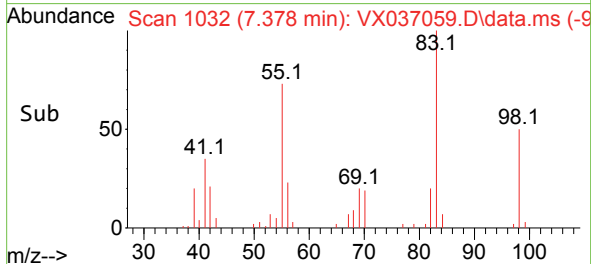
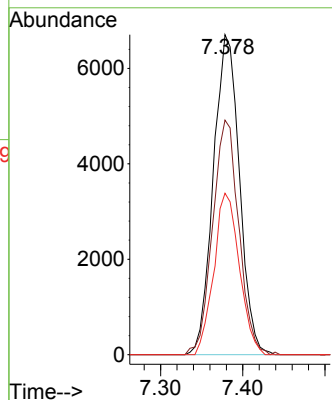
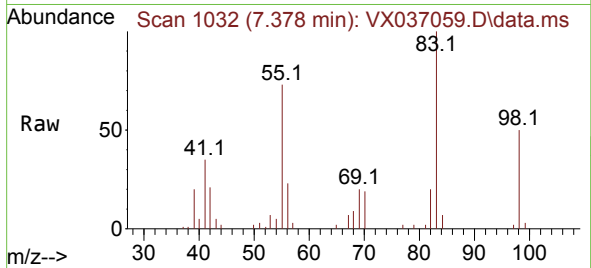




#39
Methylcyclohexane
Concen: 5.102 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

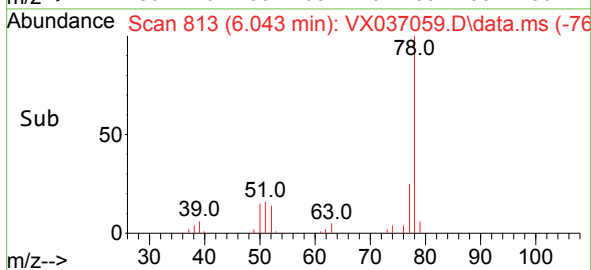
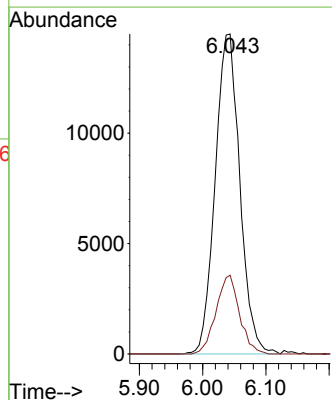
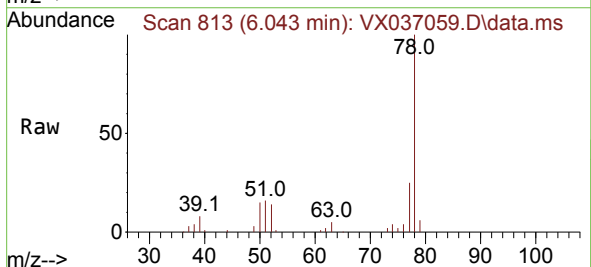
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

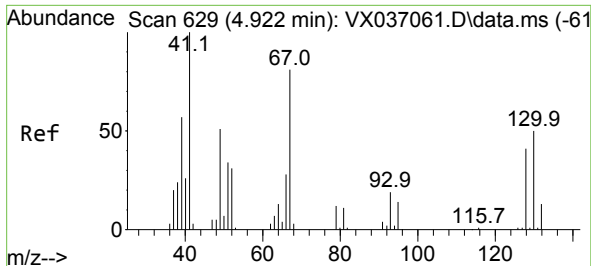
Tgt Ion: 83 Resp: 14782
Ion Ratio Lower Upper
83 100
55 73.3 64.6 97.0
98 50.5 36.7 55.1



#40
Benzene
Concen: 4.947 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 78 Resp: 39128
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

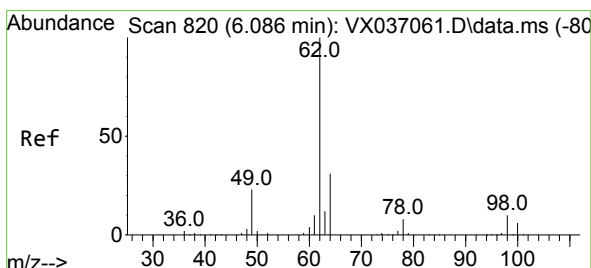
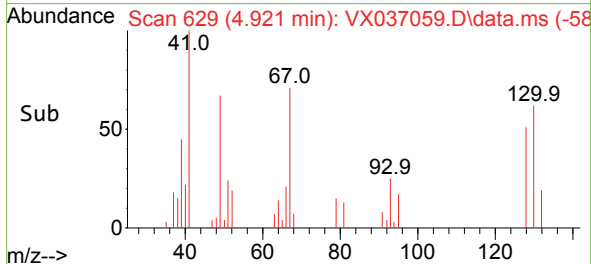
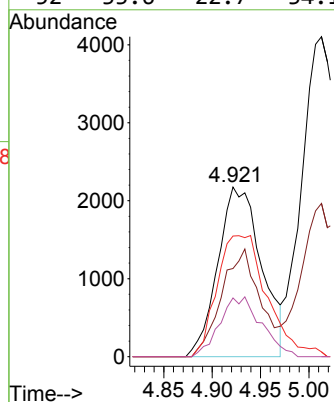
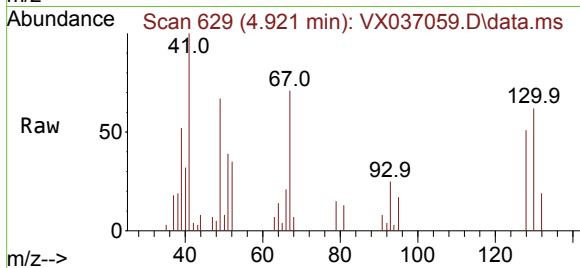




#41
Methacrylonitrile
Concen: 4.657 ug/l
RT: 4.921 min Scan# 619
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

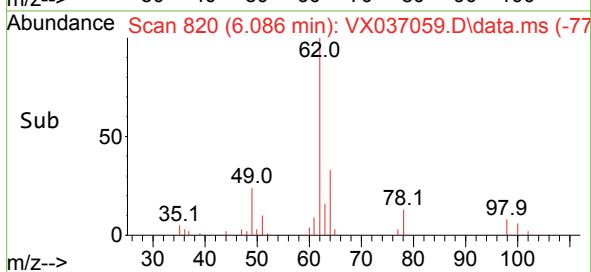
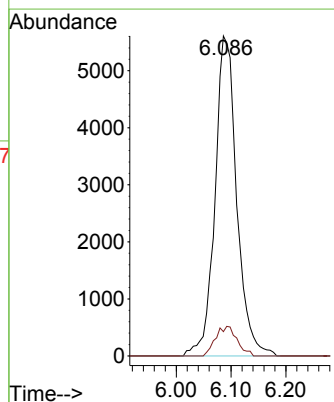
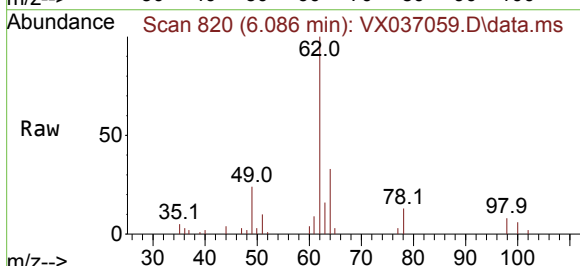
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

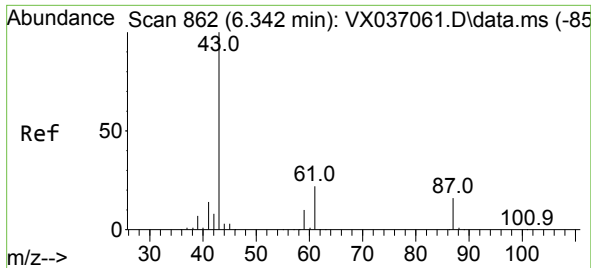
Tgt Ion:	41	Resp:	6819
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.2	67.8
67	81.9	52.6	78.8#
52	33.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 4.983 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion:	62	Resp:	15455
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0

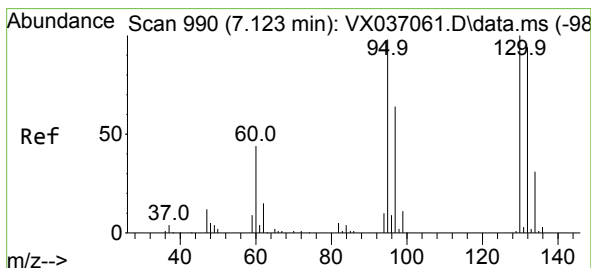
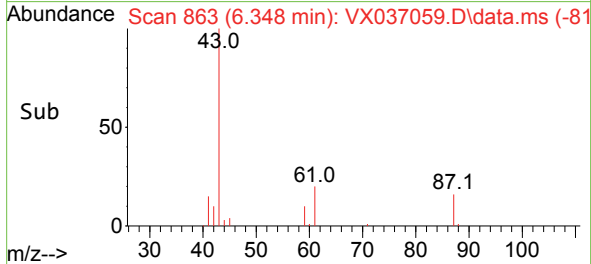
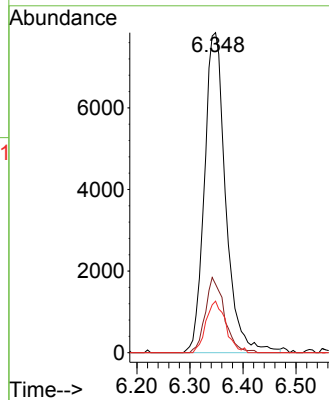
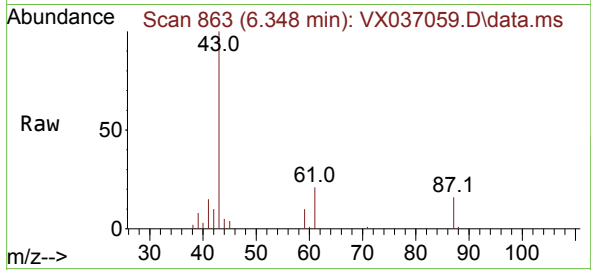




#43
Isopropyl Acetate
Concen: 4.888 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

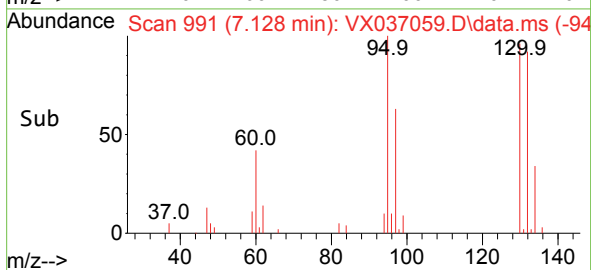
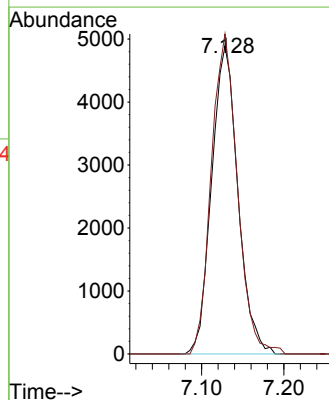
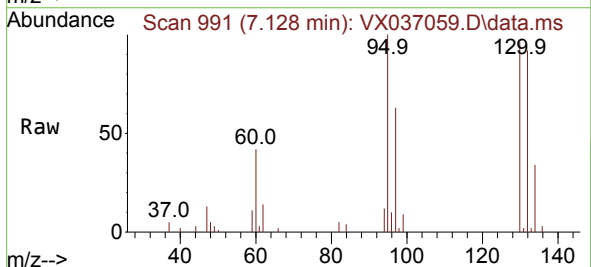
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 21862
Ion Ratio Lower Upper
43 100
61 21.1 15.2 22.8
87 15.0 9.8 14.6#



#44
Trichloroethene
Concen: 4.852 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 130 Resp: 10881
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.907 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

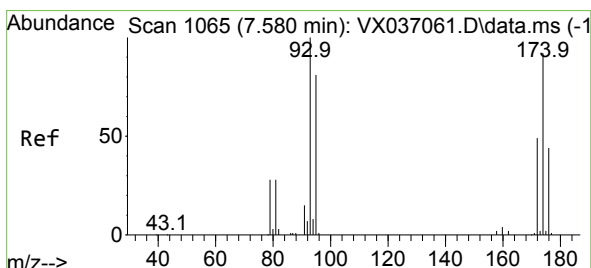
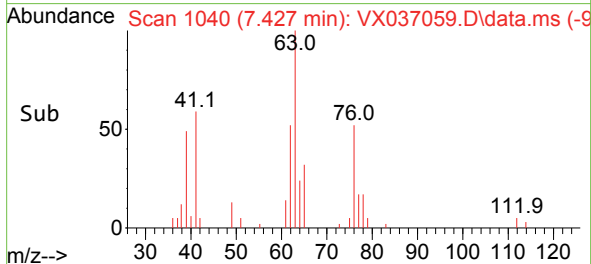
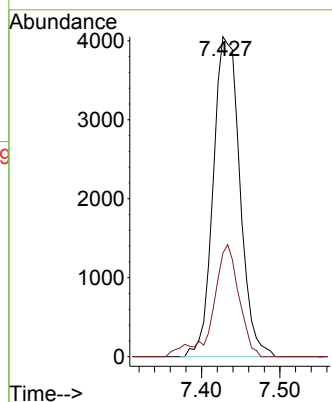
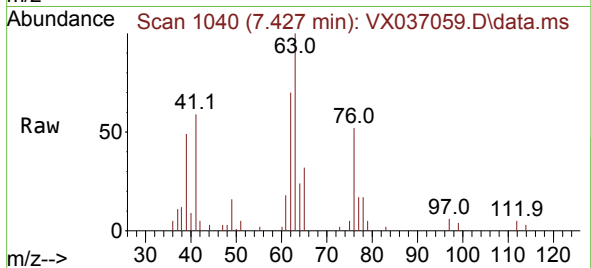
VSTDIC005

Tgt Ion: 63 Resp: 9570

Ion Ratio Lower Upper

63 100

65 32.4 24.3 36.5



#46

Dibromomethane

Concen: 4.956 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

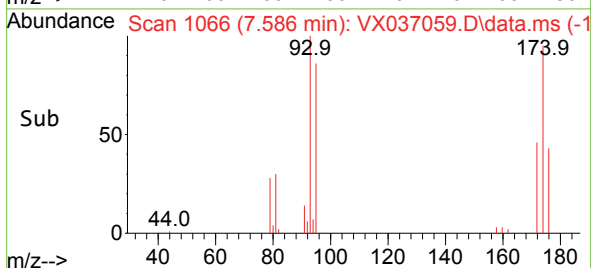
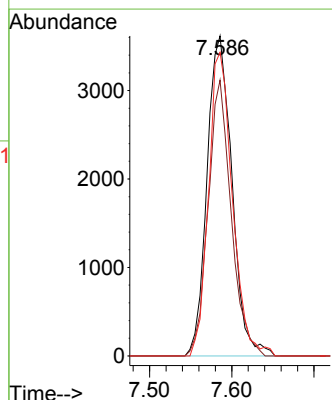
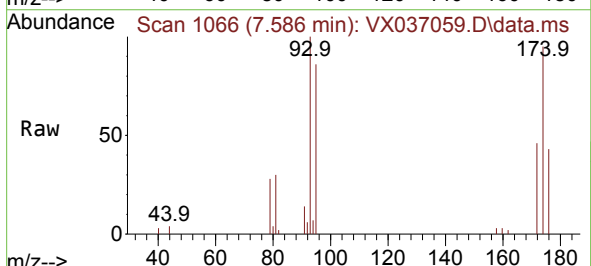
Tgt Ion: 93 Resp: 7613

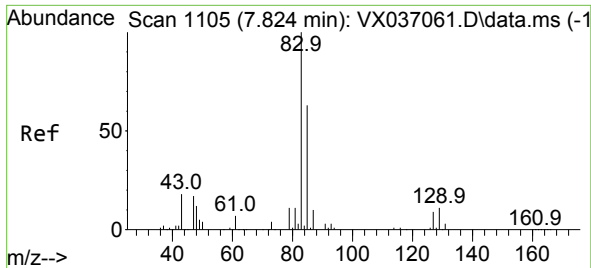
Ion Ratio Lower Upper

93 100

95 79.8 66.6 100.0

174 91.3 69.4 104.0

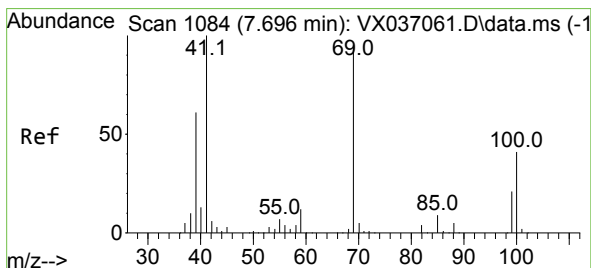
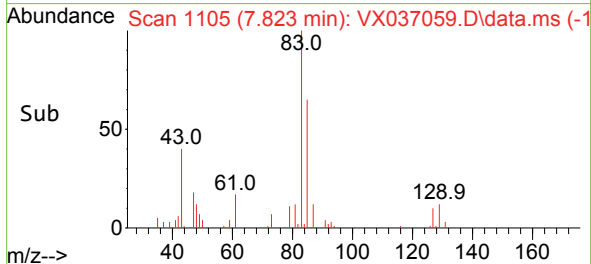
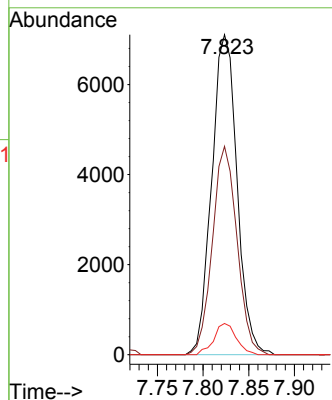
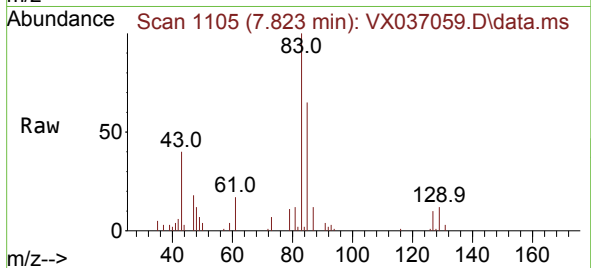




#47
Bromodichloromethane
Concen: 4.643 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

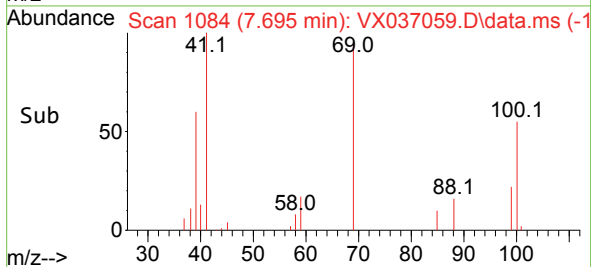
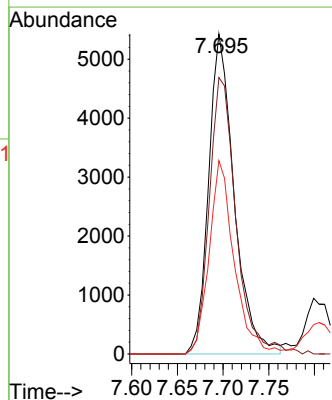
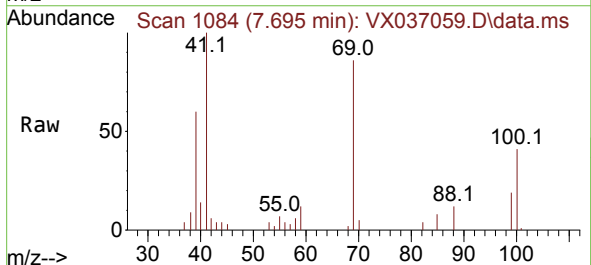
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

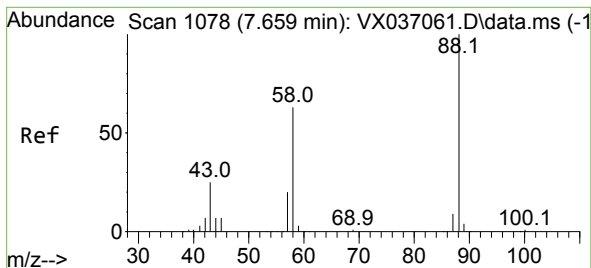
Tgt Ion: 83 Resp: 13662
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 4.839 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 41 Resp: 10553
Ion Ratio Lower Upper
41 100
69 90.4 59.2 88.8#
39 59.0 47.7 71.5





#49

1,4-Dioxane

Concen: 96.955 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

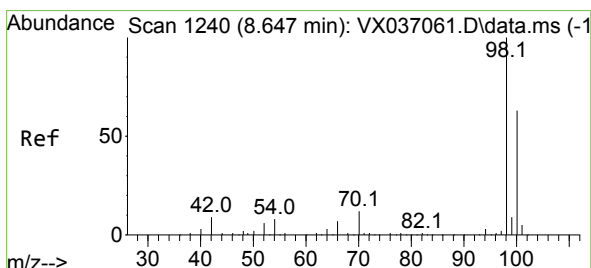
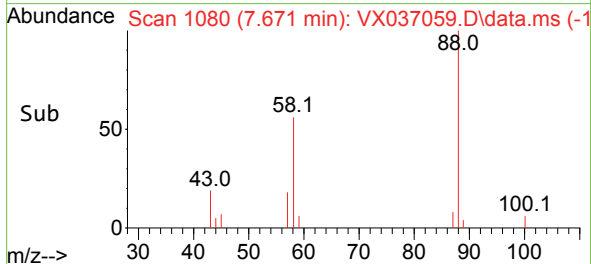
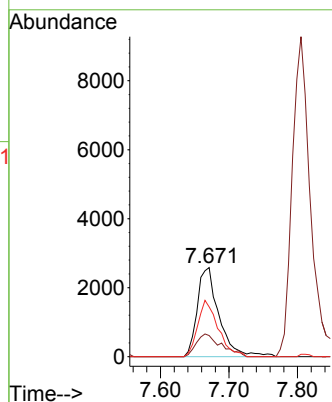
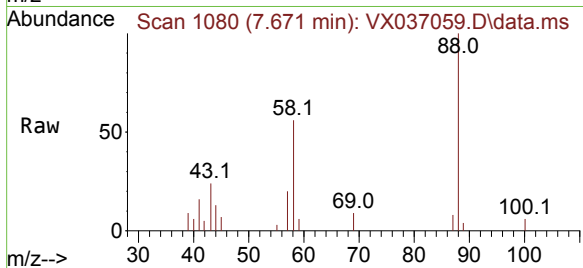
Tgt Ion: 88 Resp: 5695

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0#

58 59.5 60.1 90.1#



#50

Toluene-d8

Concen: 5.284 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037059.D

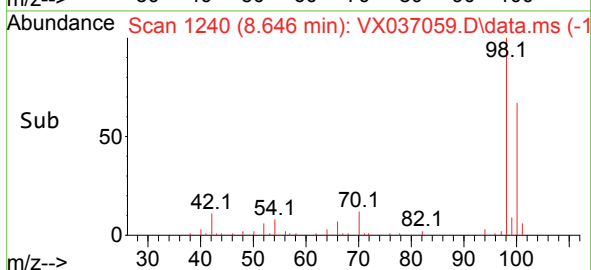
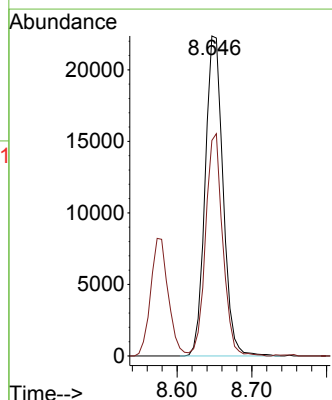
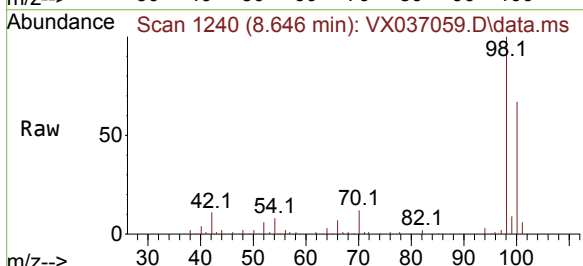
Acq: 17 Aug 2023 14:22

Tgt Ion: 98 Resp: 37202

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

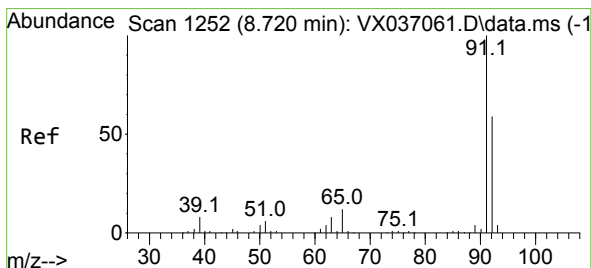
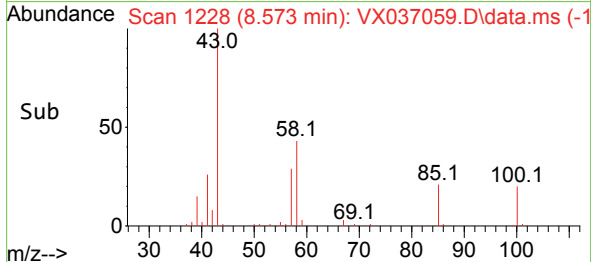
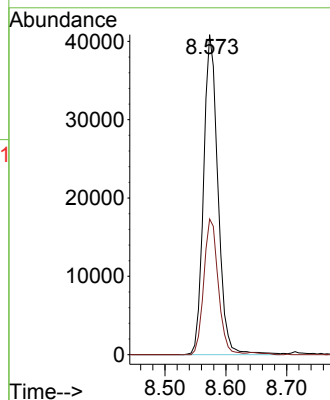
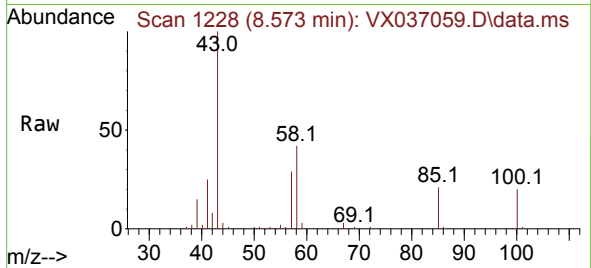




#51
4-Methyl-2-Pentanone
Concen: 24.746 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

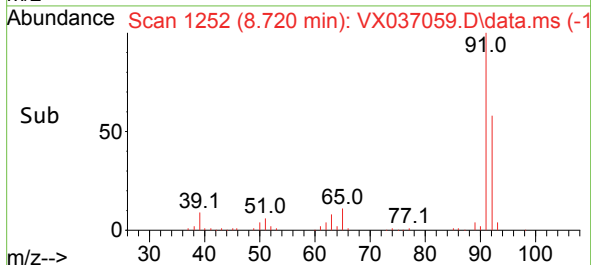
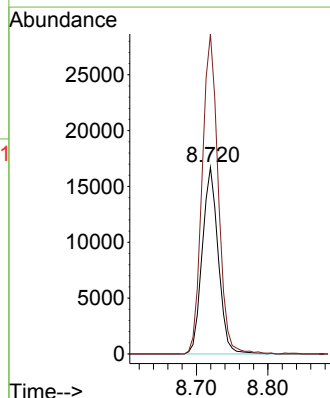
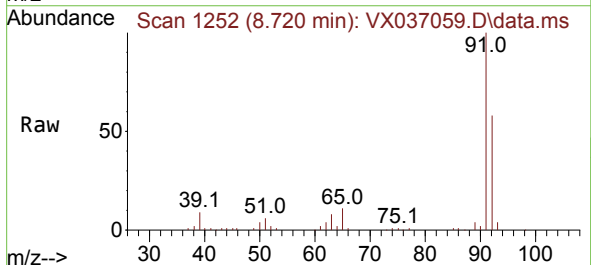
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 67202
Ion Ratio Lower Upper
43 100
58 42.4 30.4 45.6



#52
Toluene
Concen: 4.966 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 92 Resp: 25949
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2

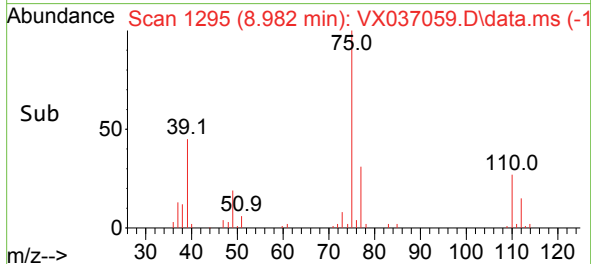
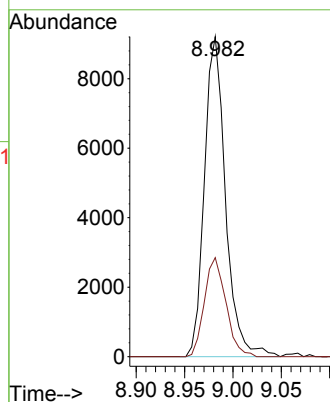
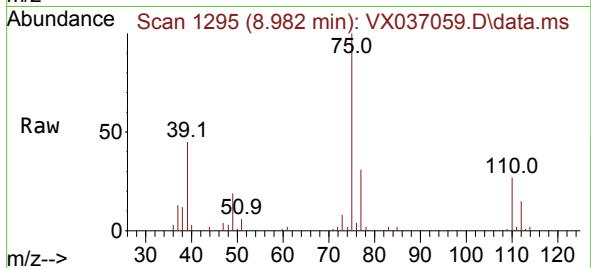




#53
 t-1,3-Dichloropropene
 Concen: 4.472 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.006 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

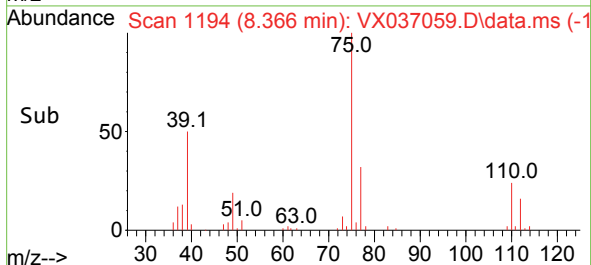
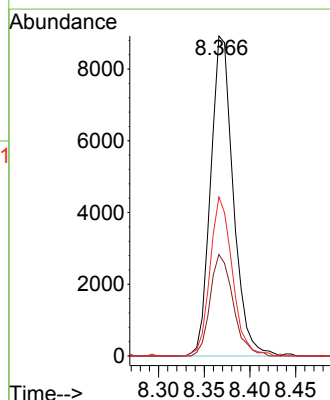
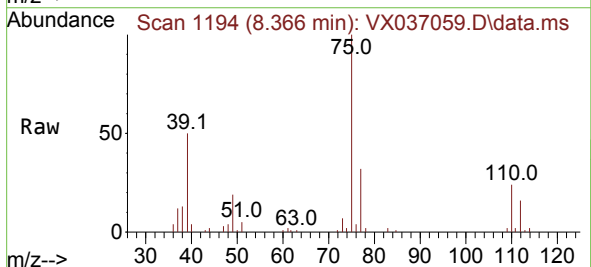
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

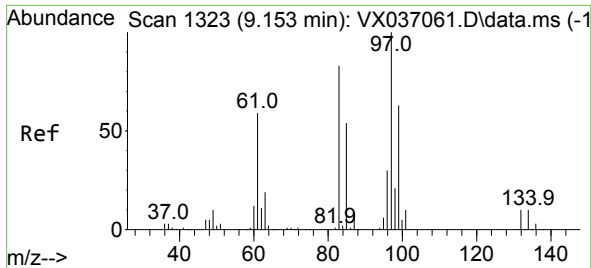
Tgt Ion: 75 Resp: 14011
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.531 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

Tgt Ion: 75 Resp: 15341
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 49.6 46.7 70.1

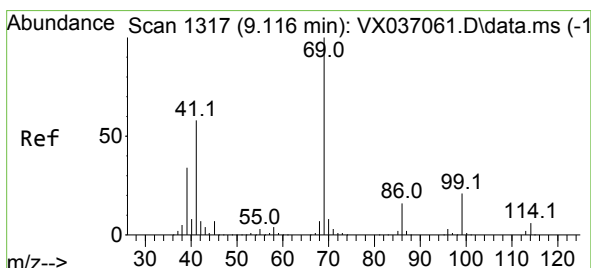
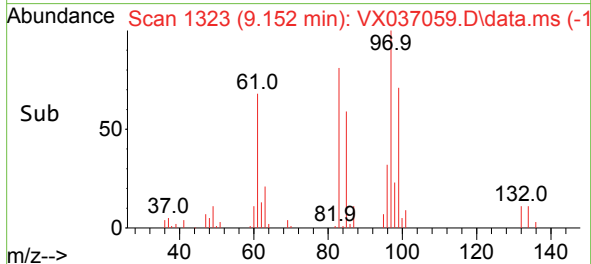
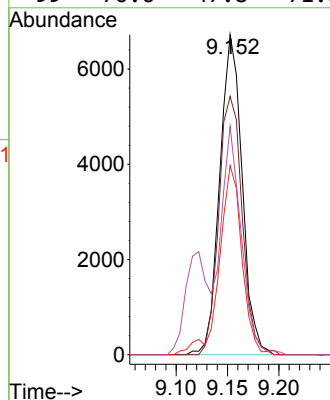
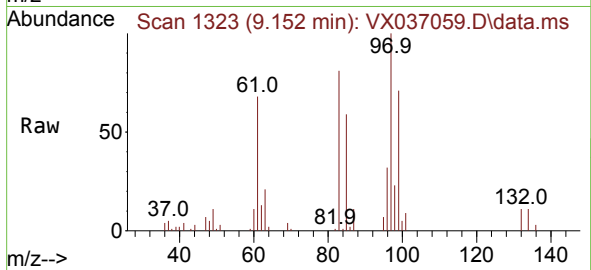




#55
 1,1,2-Trichloroethane
 Concen: 4.776 ug/l
 RT: 9.152 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

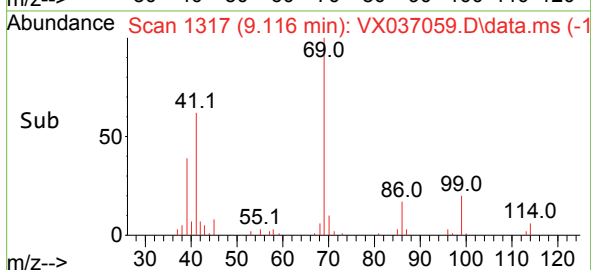
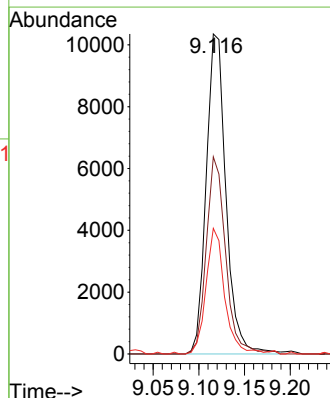
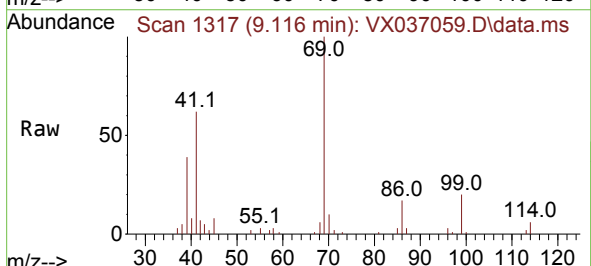
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

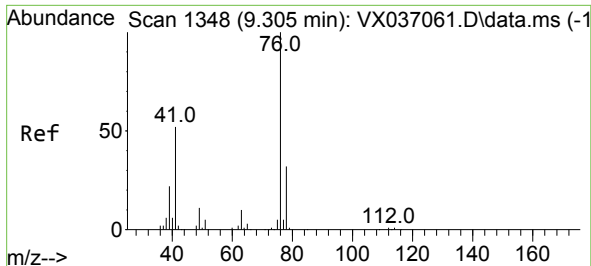
Tgt Ion: 97	Resp: 10163
Ion Ratio	Lower Upper
97 100	
83 80.7	65.8 98.8
85 59.1	41.6 62.4
99 70.6	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 4.654 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

Tgt Ion: 69	Resp: 15513
Ion Ratio	Lower Upper
69 100	
41 60.4	56.8 85.2
39 37.5	32.0 48.0





#57

1,3-Dichloropropane

Concen: 4.862 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

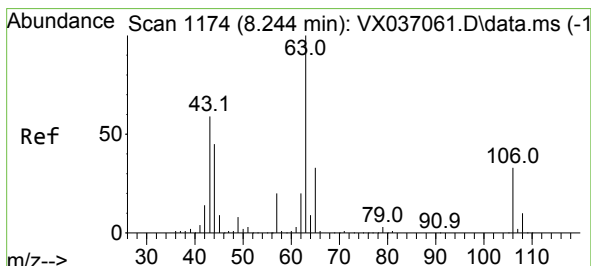
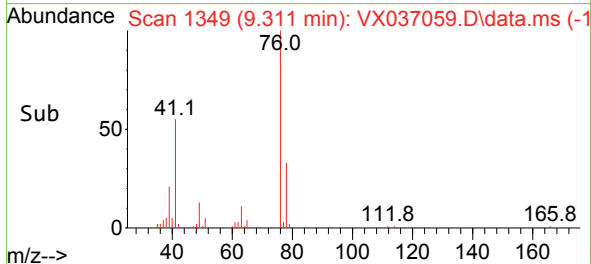
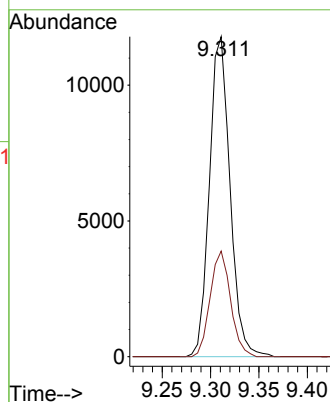
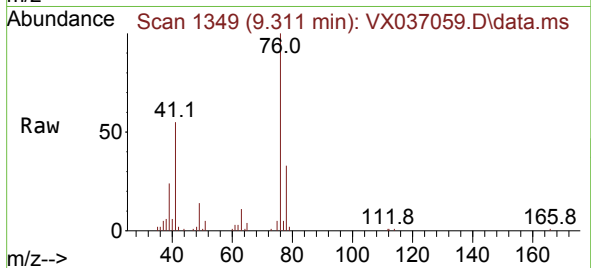
VSTDIC005

Tgt Ion: 76 Resp: 17441

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 25.382 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037059.D

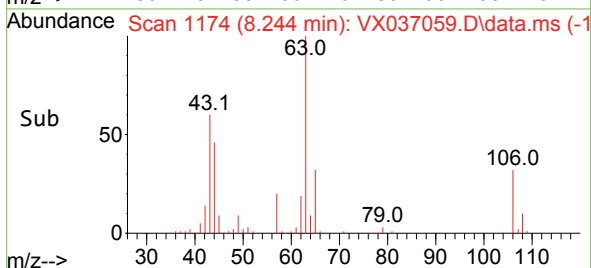
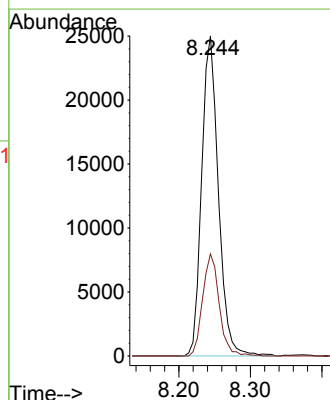
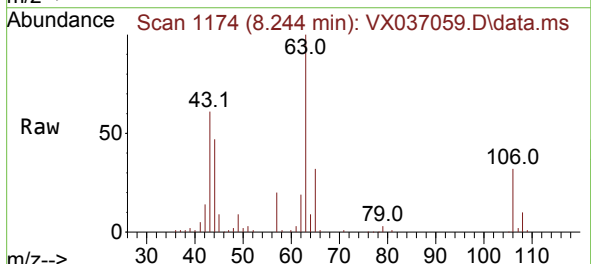
Acq: 17 Aug 2023 14:22

Tgt Ion: 63 Resp: 40597

Ion Ratio Lower Upper

63 100

106 31.6 22.5 33.7

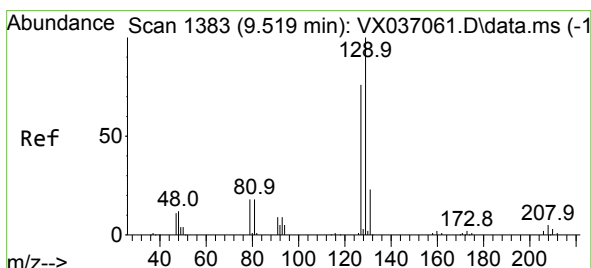
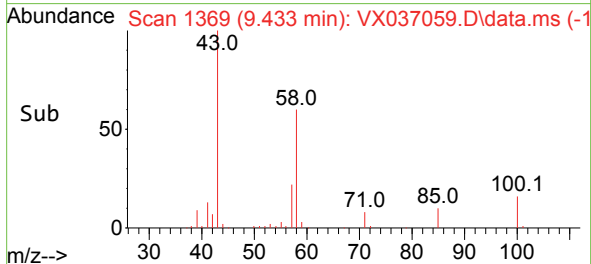
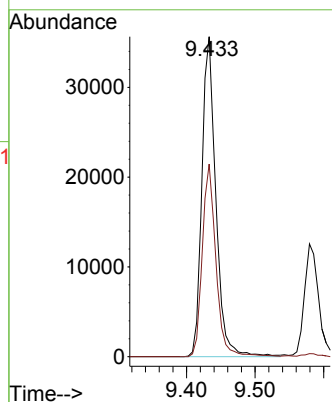
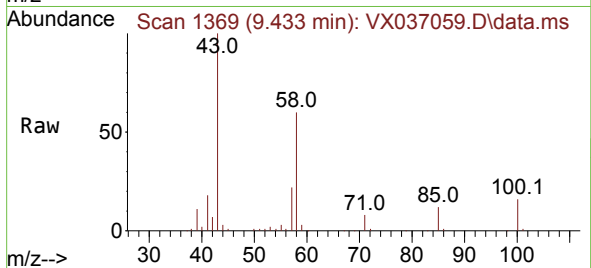




#59
2-Hexanone
Concen: 24.421 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

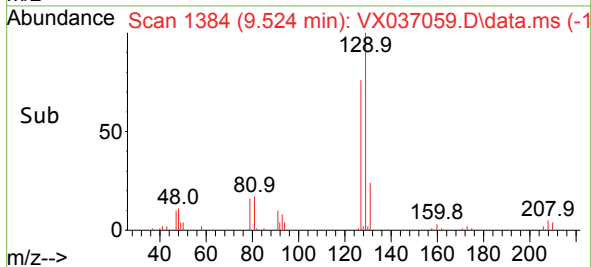
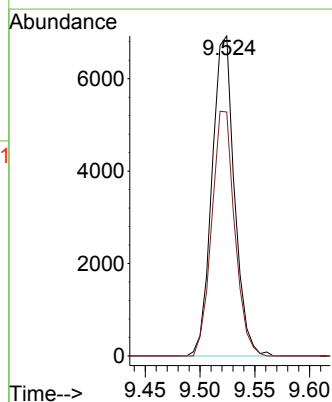
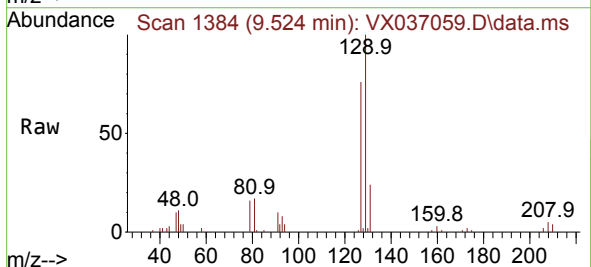
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

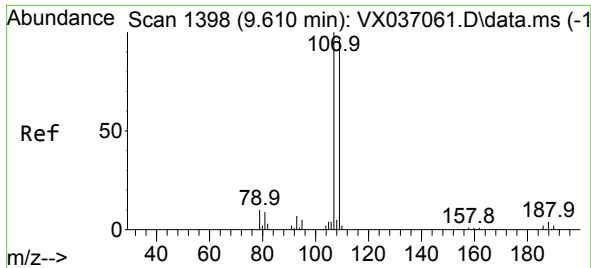
Tgt Ion: 43 Resp: 50567
Ion Ratio Lower Upper
43 100
58 59.0 26.2 78.5



#60
Dibromochloromethane
Concen: 4.359 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 129 Resp: 9876
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4

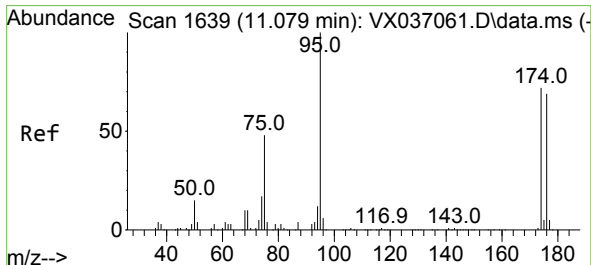
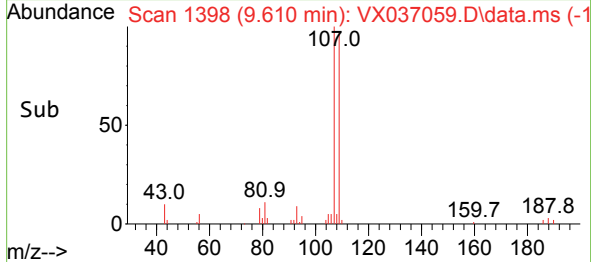
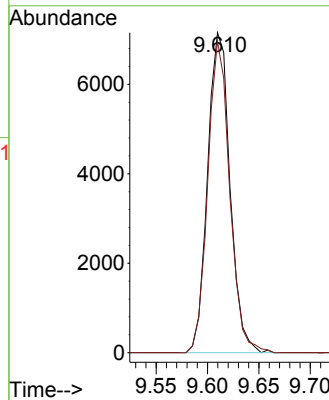
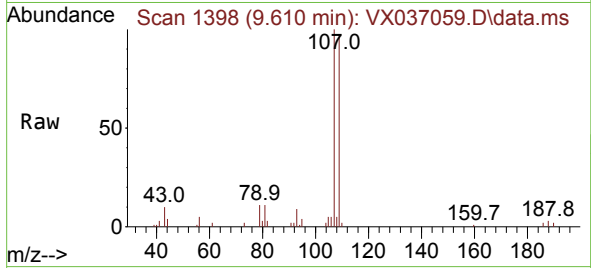




#61
1,2-Dibromoethane
Concen: 4.668 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

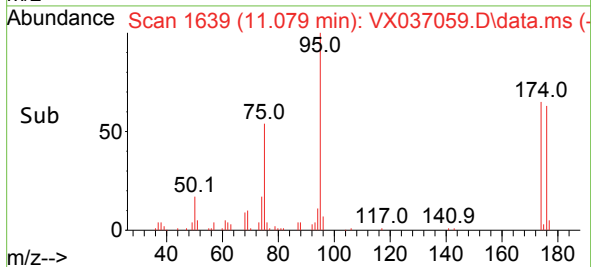
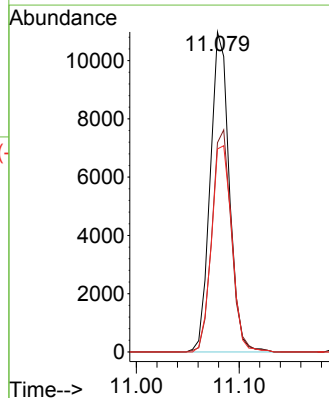
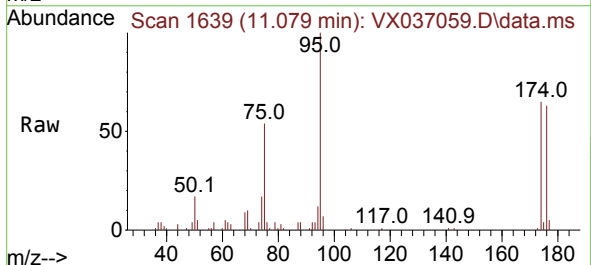
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

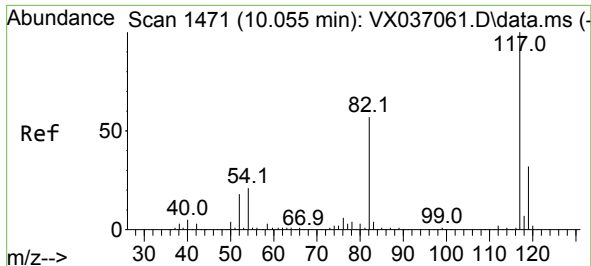
Tgt Ion:107 Resp: 10876
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 5.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 95 Resp: 14157
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 68.8 0.0 131.0

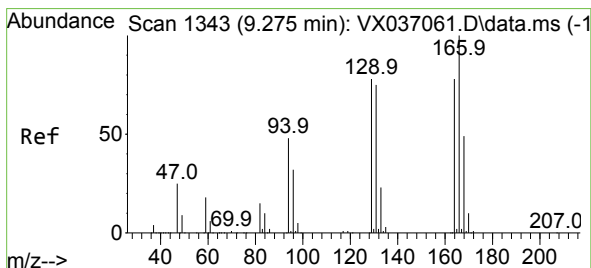
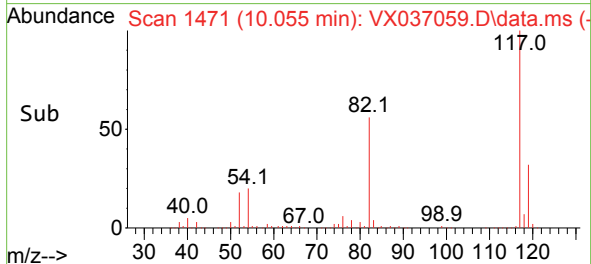
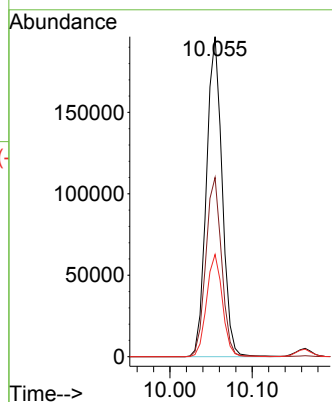
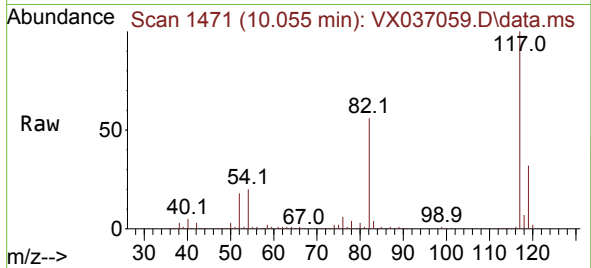




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

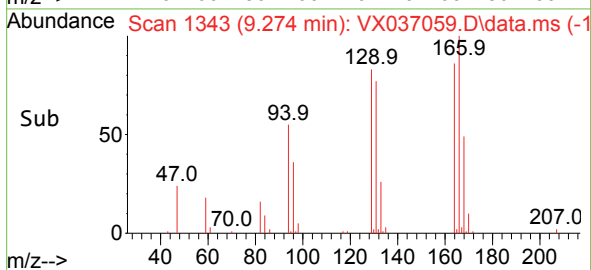
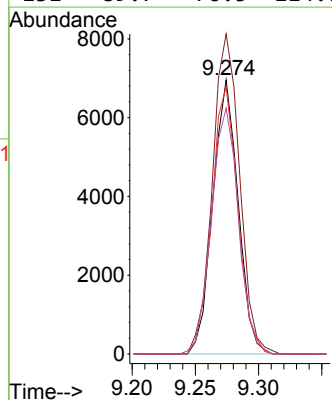
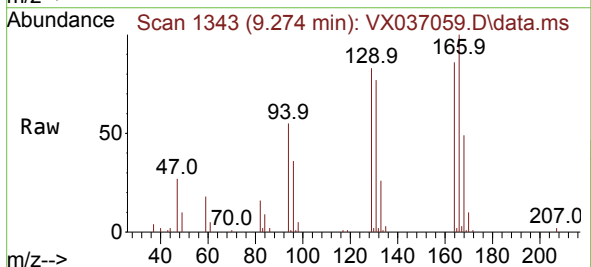
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

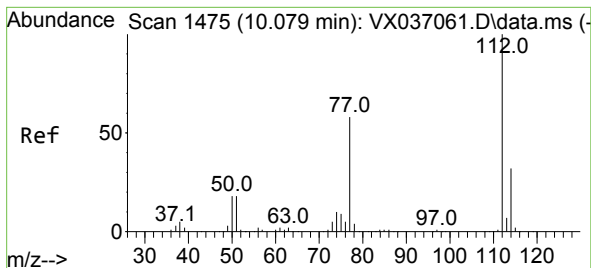
Tgt Ion:117 Resp: 260133
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 5.118 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion:164 Resp: 9713
Ion Ratio Lower Upper
164 100
166 116.8 102.7 154.1
129 97.4 80.4 120.6
131 89.7 76.5 114.7

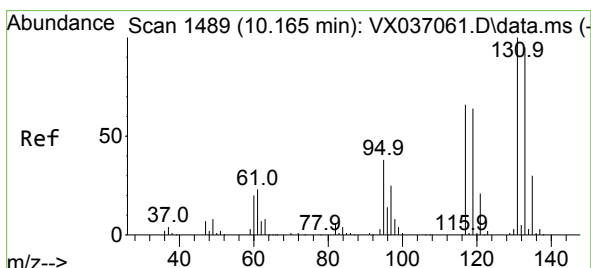
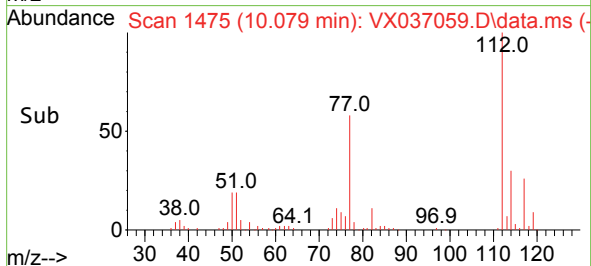
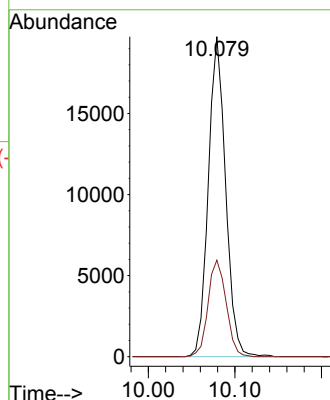
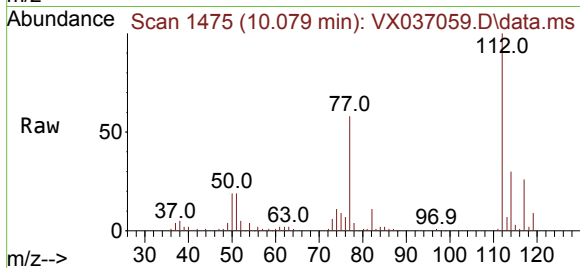




#65
Chlorobenzene
Concen: 4.974 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

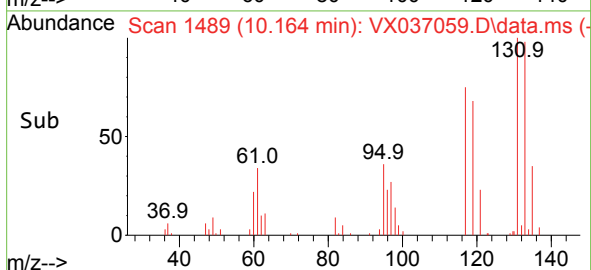
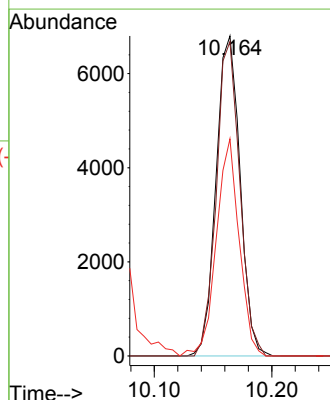
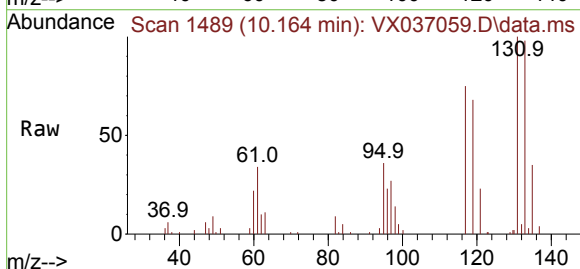
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

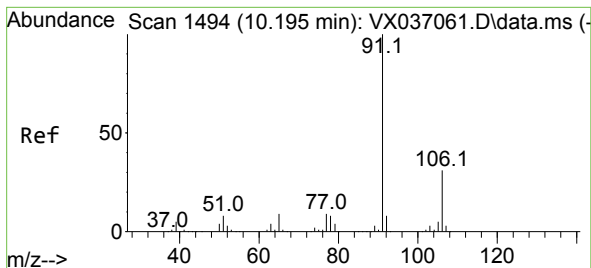
Tgt Ion:112 Resp: 27349
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.749 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion:131 Resp: 9637
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 64.7 32.2 96.6





#67

Ethyl Benzene

Concen: 5.065 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

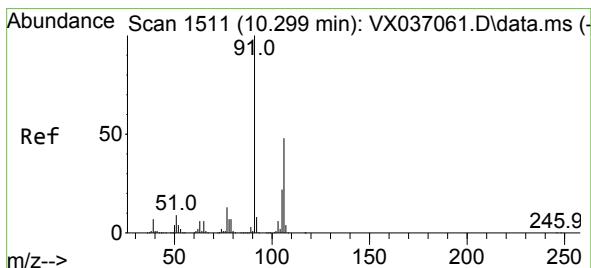
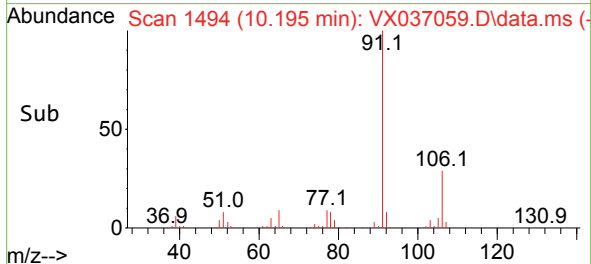
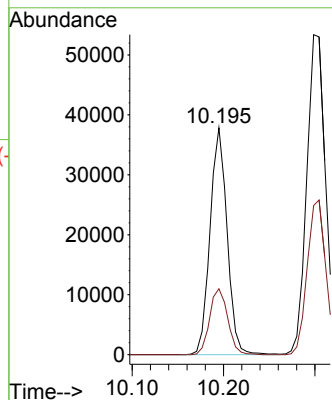
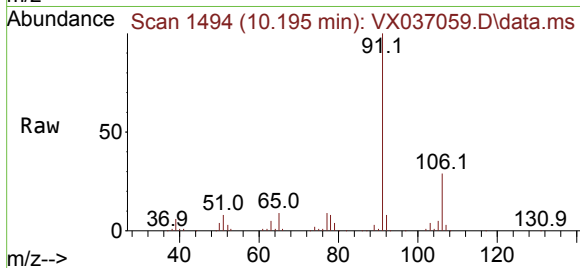
VSTDICC005

Tgt Ion: 91 Resp: 49003

Ion Ratio Lower Upper

91 100

106 29.0 24.9 37.3



#68

m/p-Xylenes

Concen: 9.924 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037059.D

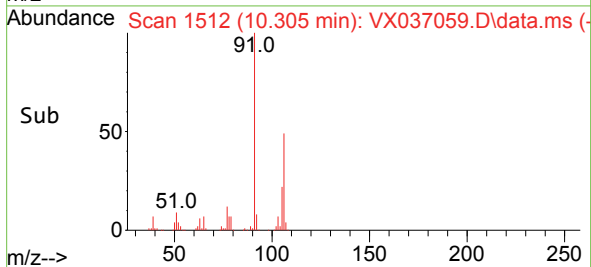
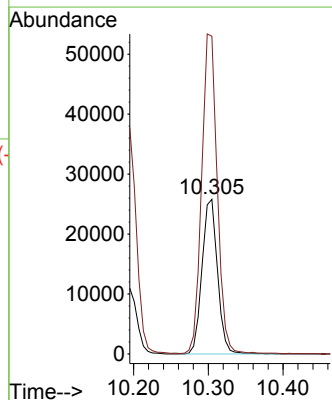
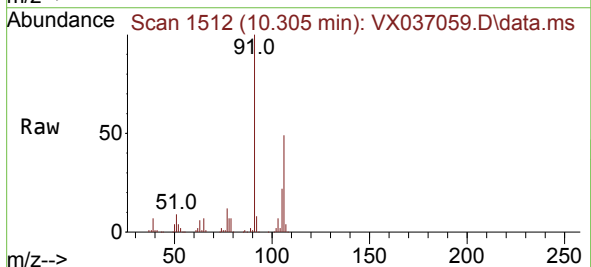
Acq: 17 Aug 2023 14:22

Tgt Ion: 106 Resp: 37075

Ion Ratio Lower Upper

106 100

91 208.5 165.5 248.3





#69

o-Xylene

Concen: 4.924 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

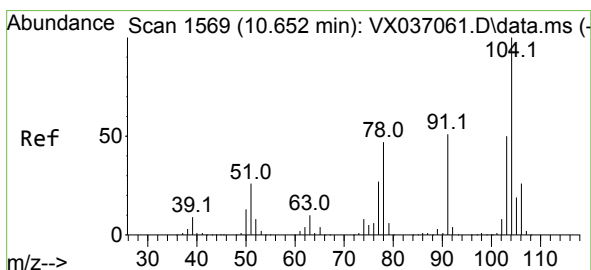
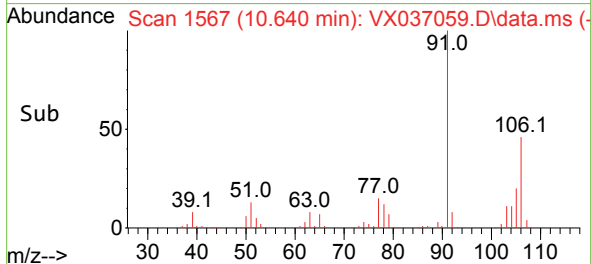
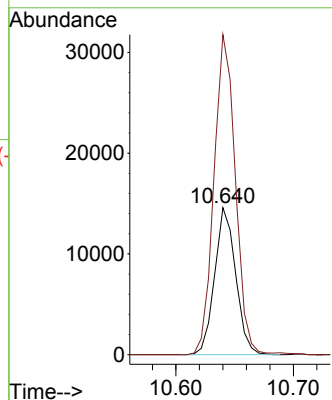
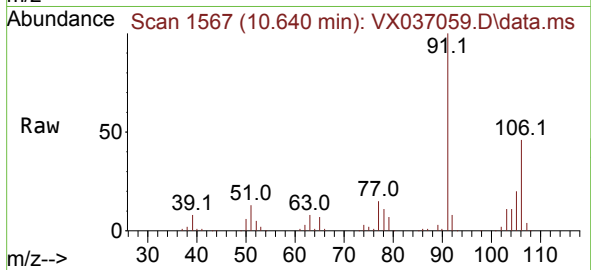
VSTDIC005

Tgt Ion:106 Resp: 18148

Ion Ratio Lower Upper

106 100

91 222.2 108.9 326.8



#70

Styrene

Concen: 4.712 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

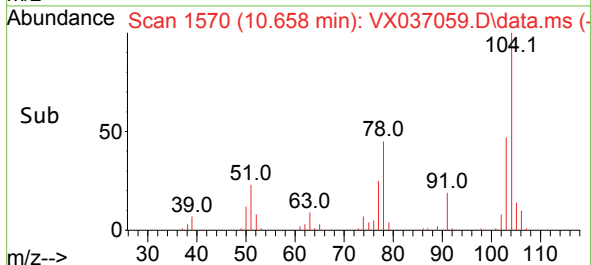
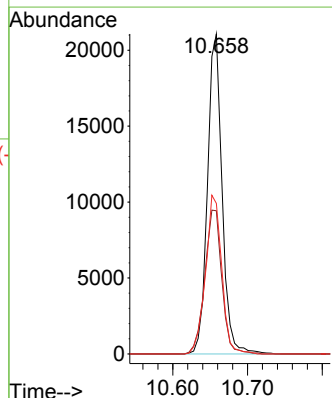
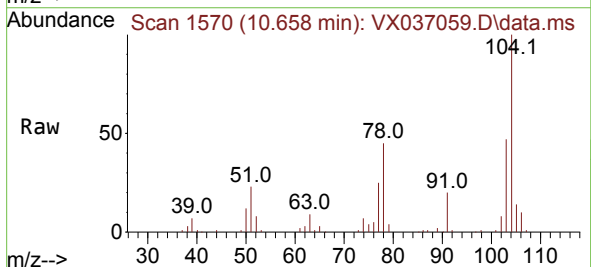
Tgt Ion:104 Resp: 28607

Ion Ratio Lower Upper

104 100

78 52.7 43.6 65.4

103 55.0 43.6 65.4





#71

Bromoform

Concen: 4.318 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

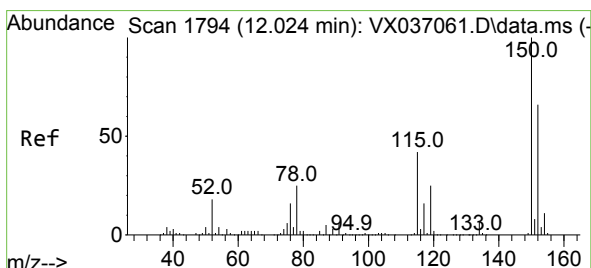
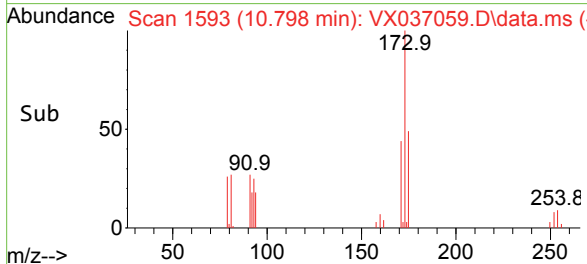
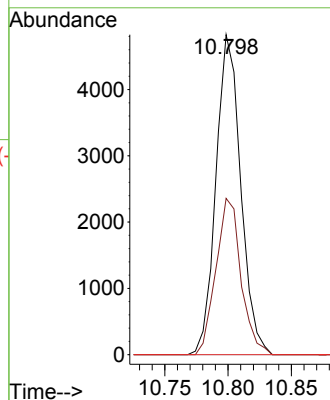
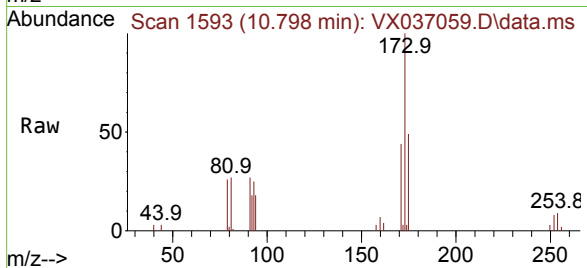
Tgt Ion:173 Resp: 6554

Ion Ratio Lower Upper

173 100

175 49.5 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: VX037059.D

Acq: 17 Aug 2023 14:22

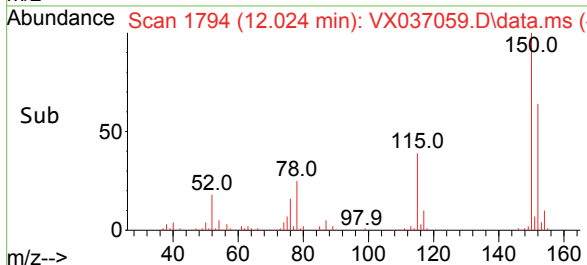
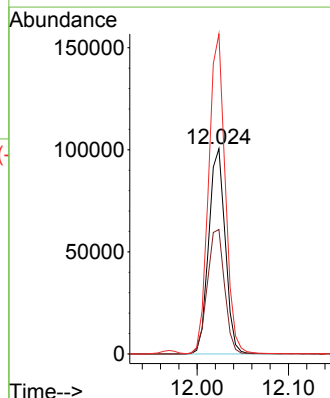
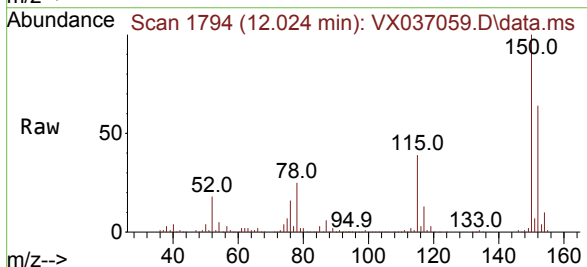
Tgt Ion:152 Resp: 125771

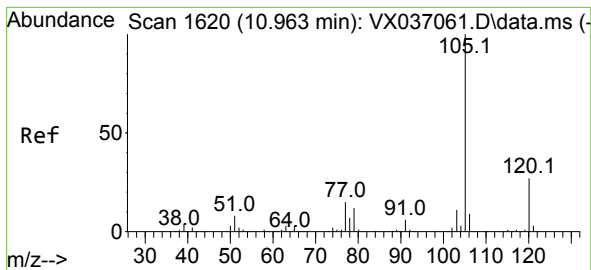
Ion Ratio Lower Upper

152 100

115 63.9 43.3 129.9

150 156.1 0.0 345.0





#73

Isopropylbenzene

Concen: 5.166 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

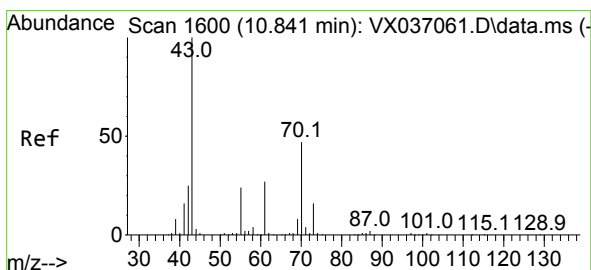
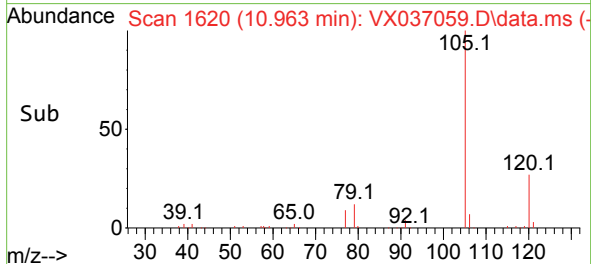
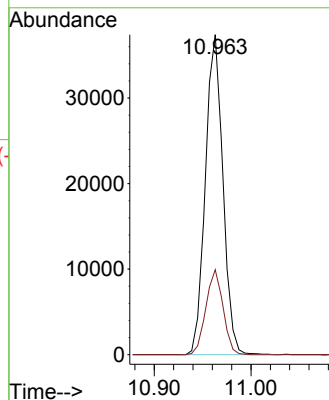
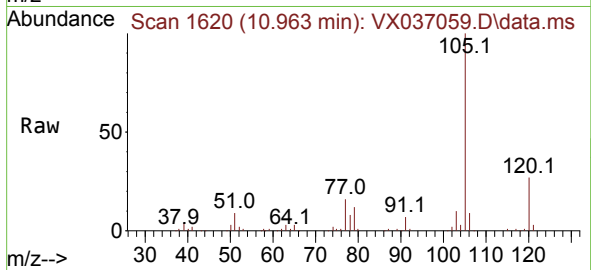
VSTDIC005

Tgt Ion:105 Resp: 47226

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 4.788 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Tgt Ion: 43 Resp: 17006

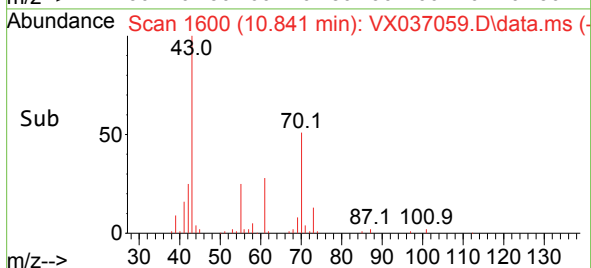
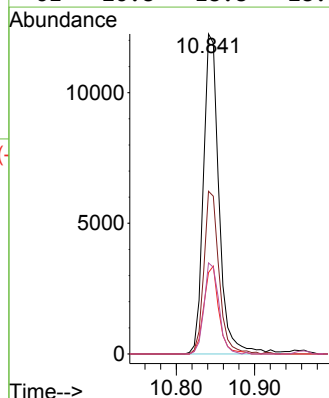
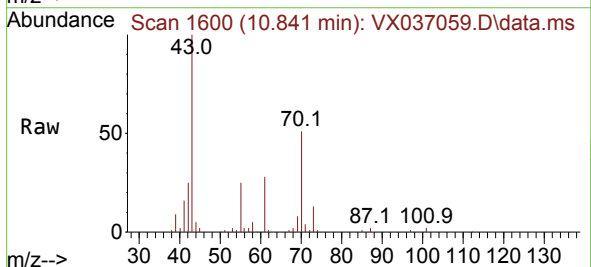
Ion Ratio Lower Upper

43 100

70 49.1 32.9 49.3

55 26.2 19.3 28.9

61 26.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.878 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

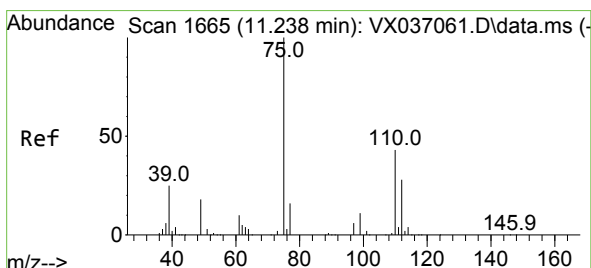
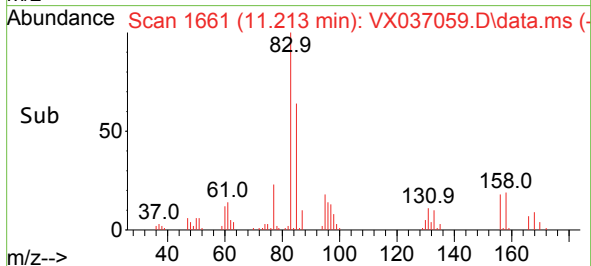
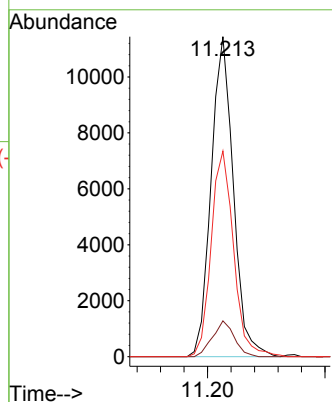
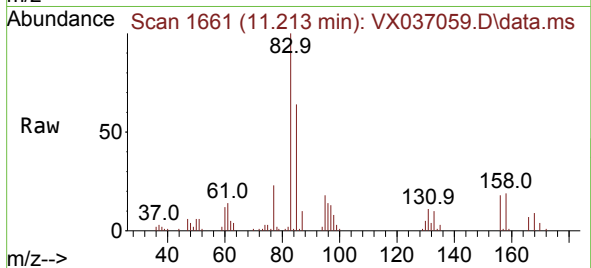
Tgt Ion: 83 Resp: 15017

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.8

85 64.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 6.320 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037059.D

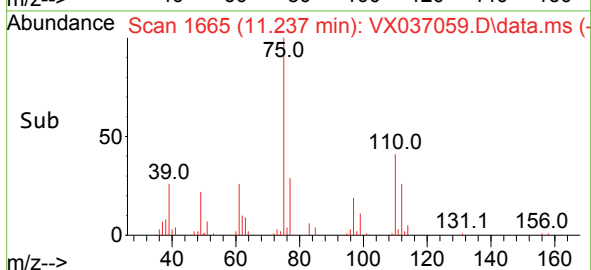
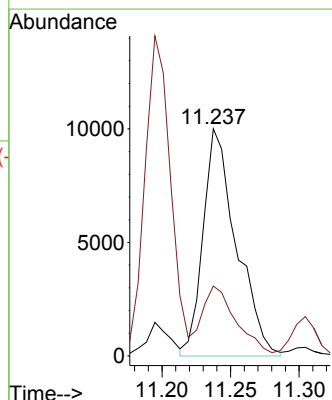
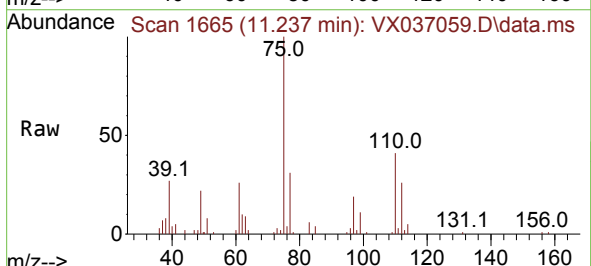
Acq: 17 Aug 2023 14:22

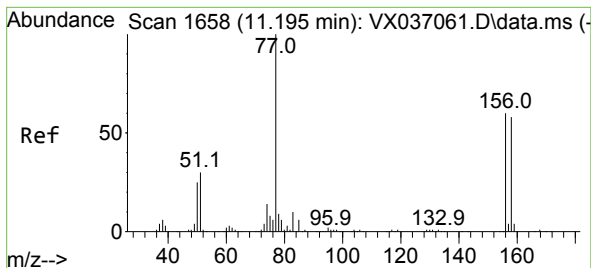
Tgt Ion: 75 Resp: 16927

Ion Ratio Lower Upper

75 100

77 32.1 19.1 57.5





#77

Bromobenzene

Concen: 4.879 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

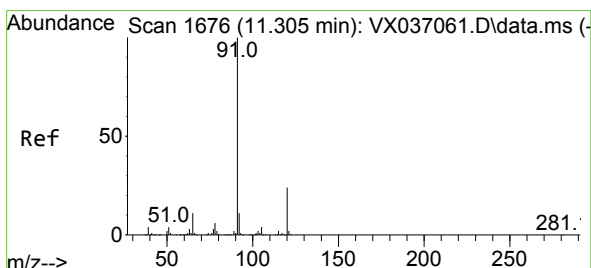
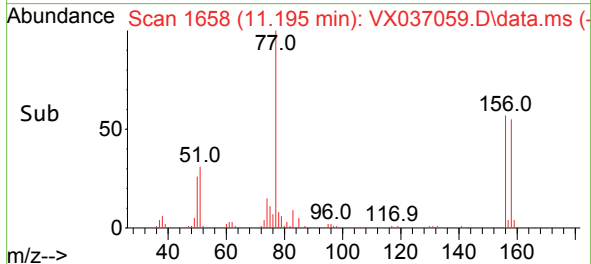
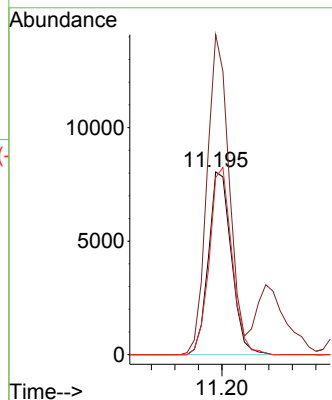
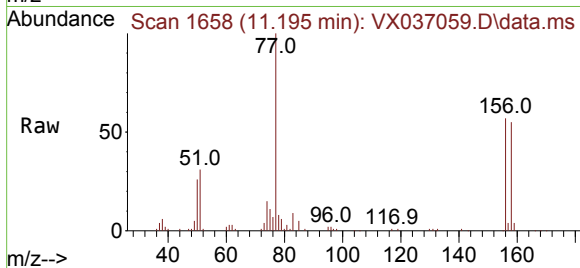
Tgt Ion:156 Resp: 10893

Ion Ratio Lower Upper

156 100

77 169.0 88.4 265.3

158 100.9 48.0 144.0



#78

n-propylbenzene

Concen: 5.109 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037059.D

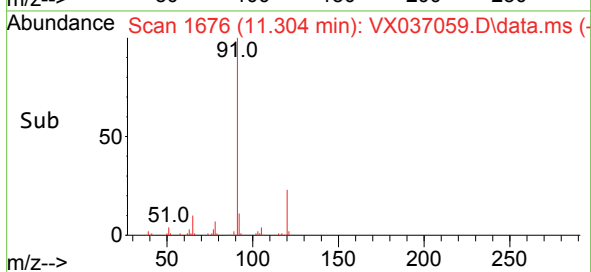
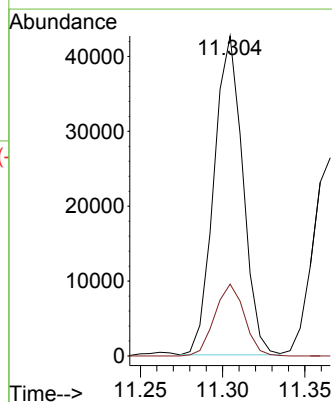
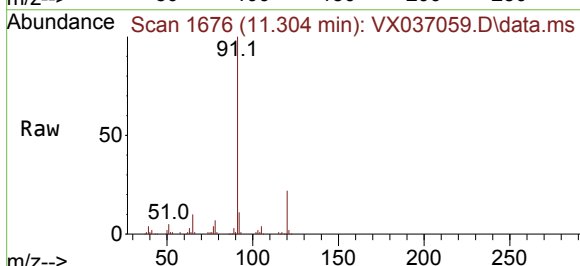
Acq: 17 Aug 2023 14:22

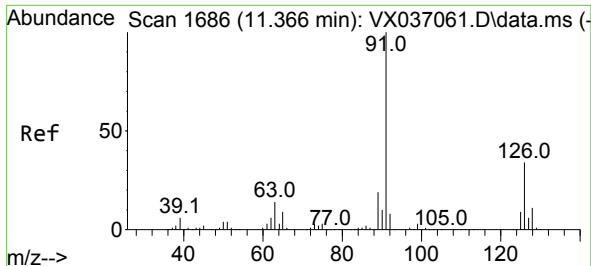
Tgt Ion: 91 Resp: 52010

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

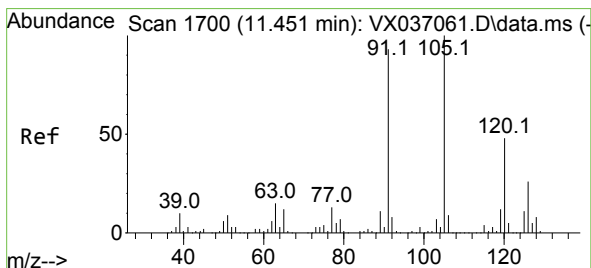
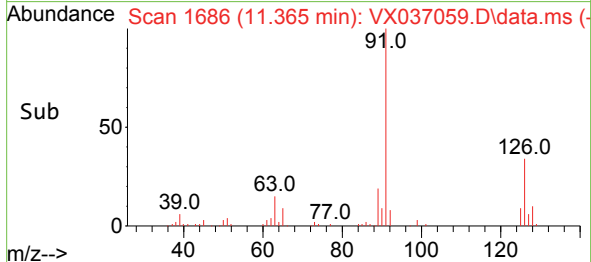
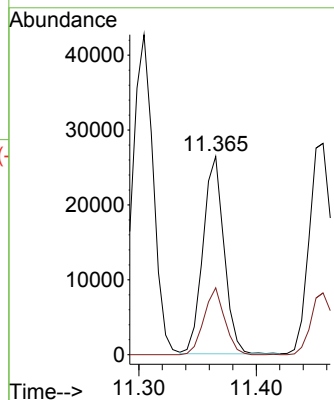
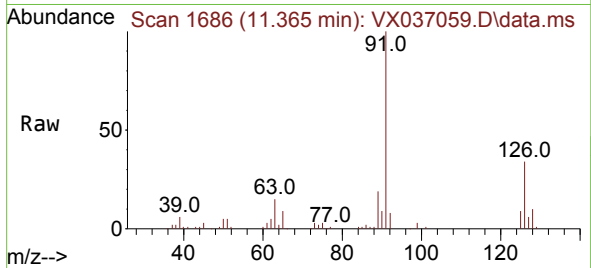




#79
2-Chlorotoluene
Concen: 5.043 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

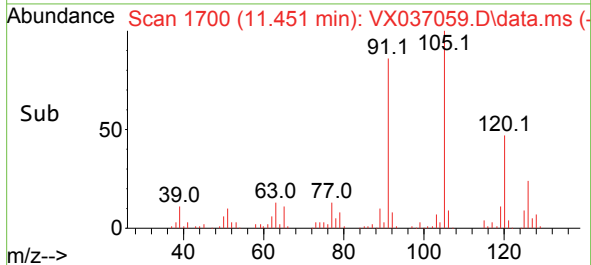
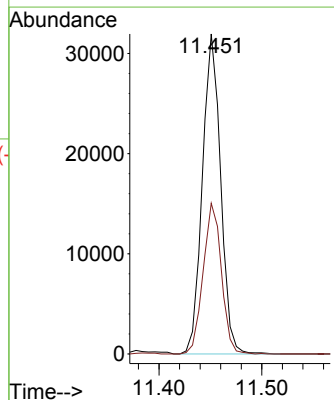
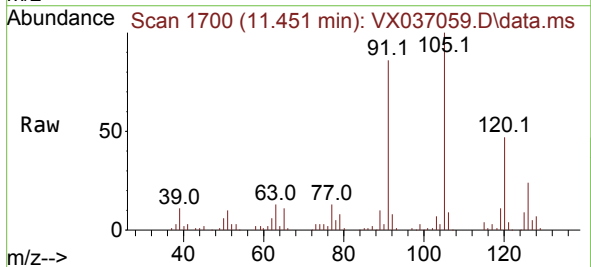
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

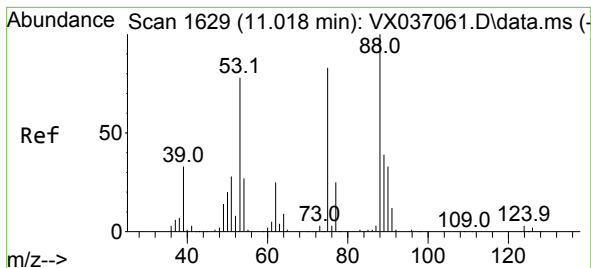
Tgt Ion: 91 Resp: 32804
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 5.175 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion: 105 Resp: 39467
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

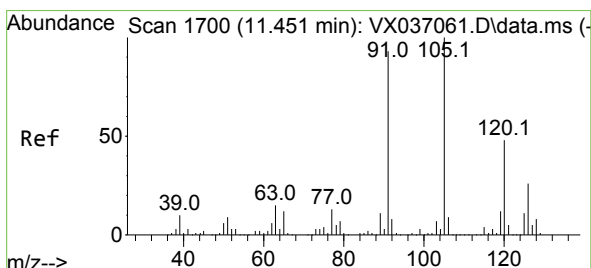
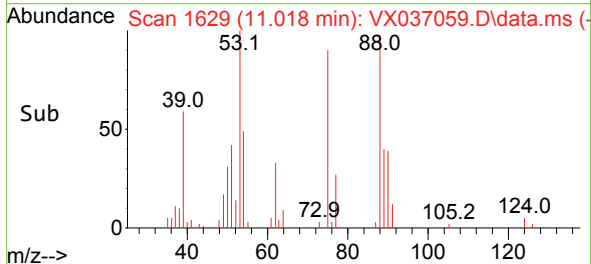
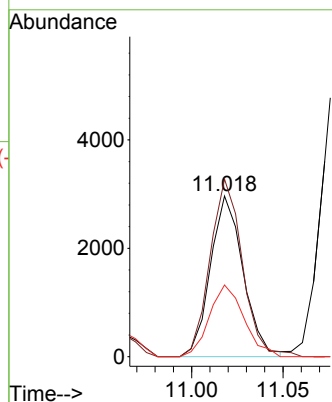
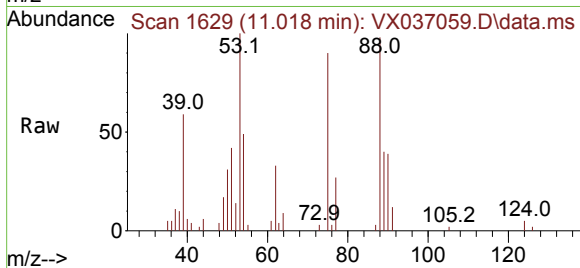




#81
trans-1,4-Dichloro-2-butene
Concen: 3.855 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

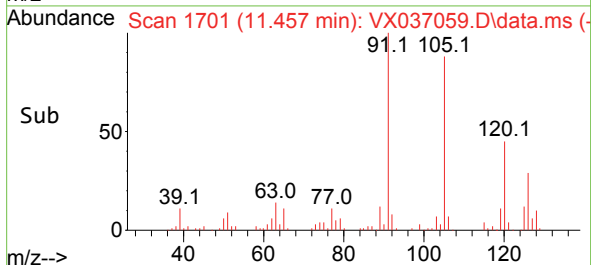
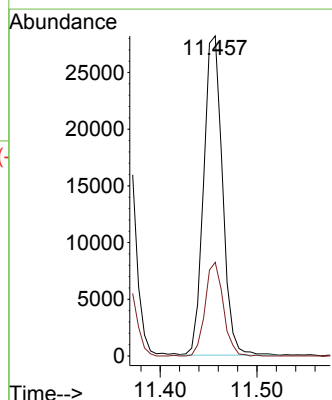
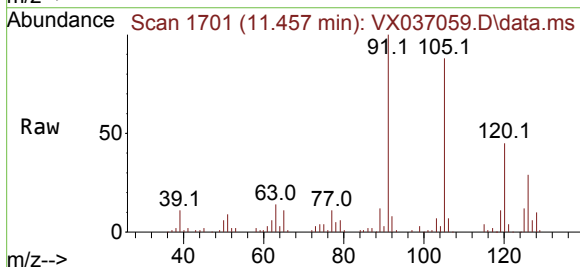
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

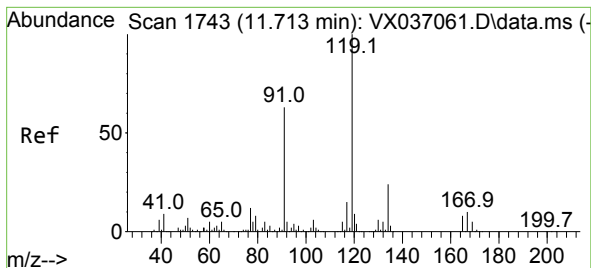
Tgt Ion:	75	Resp:	3697
Ion	Ratio	Lower	Upper
75	100		
53	108.9	90.5	135.7
89	47.2	36.9	55.3



#82
4-Chlorotoluene
Concen: 5.070 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037059.D
Acq: 17 Aug 2023 14:22

Tgt Ion:	91	Resp:	38074
Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6





#83

tert-Butylbenzene

Concen: 4.975 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

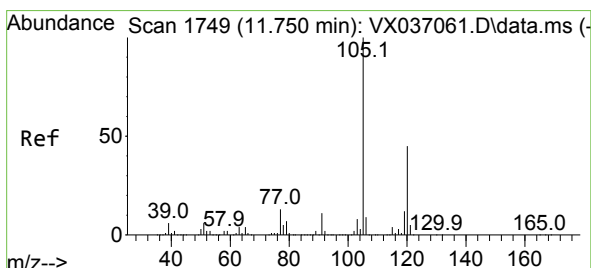
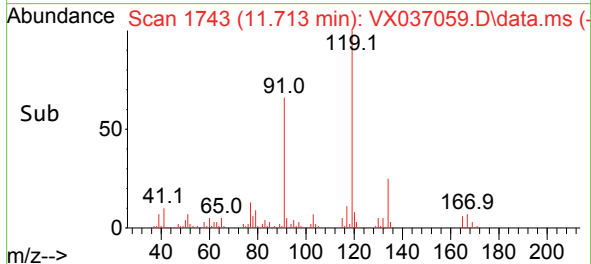
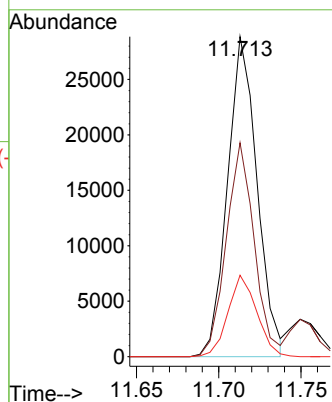
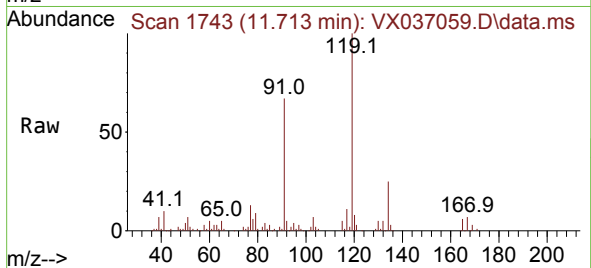
Tgt Ion:119 Resp: 36178

Ion Ratio Lower Upper

119 100

91 63.4 31.2 93.6

134 24.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 5.104 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037059.D

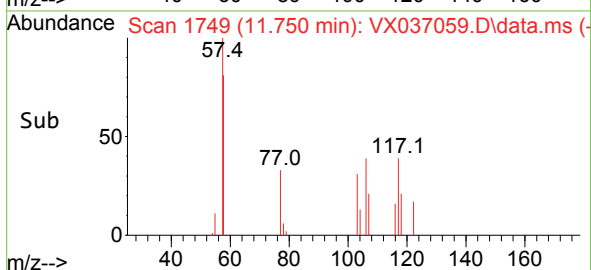
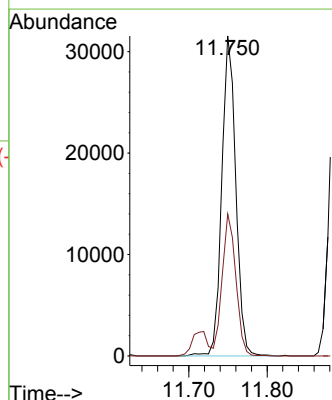
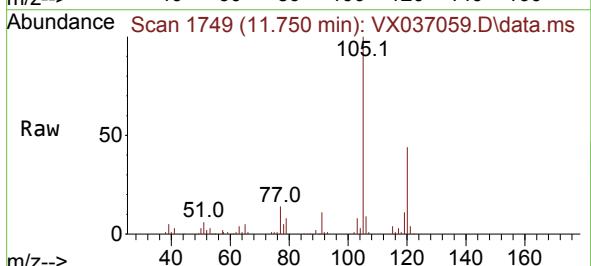
Acq: 17 Aug 2023 14:22

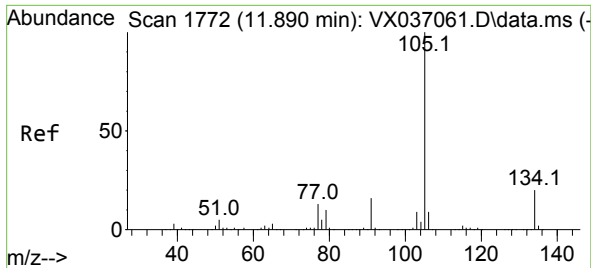
Tgt Ion:105 Resp: 39339

Ion Ratio Lower Upper

105 100

120 43.2 21.2 63.6

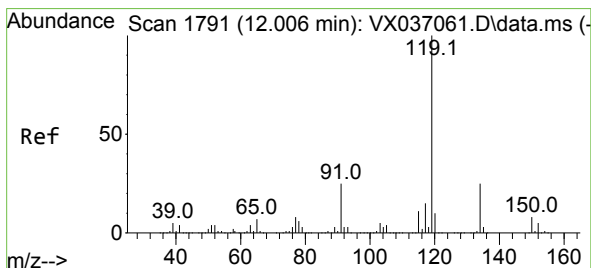
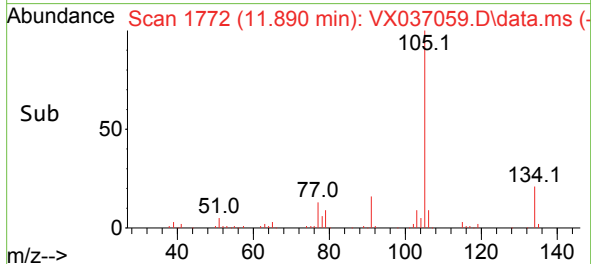
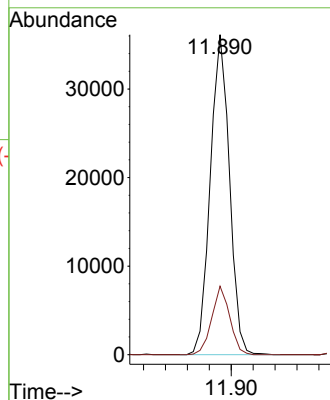
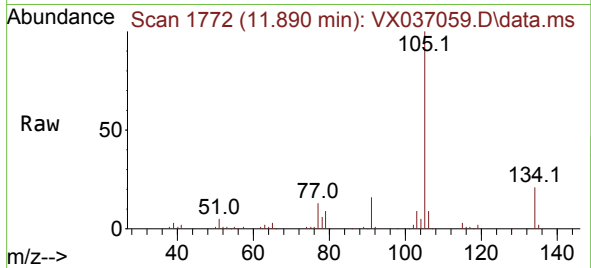




#85
 sec-Butylbenzene
 Concen: 5.158 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

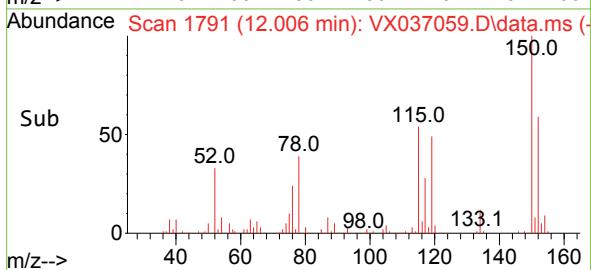
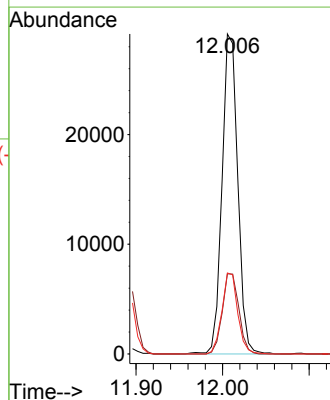
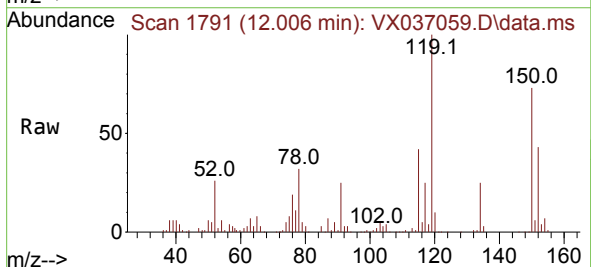
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 43812
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 5.025 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037059.D
 Acq: 17 Aug 2023 14:22

Tgt Ion:119 Resp: 36746
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.977 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

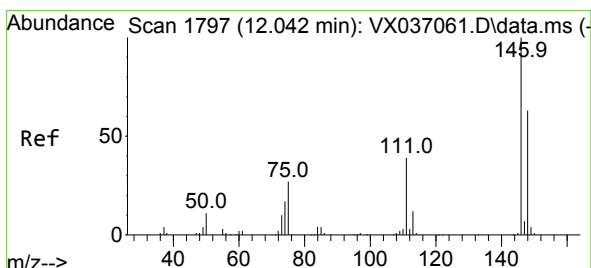
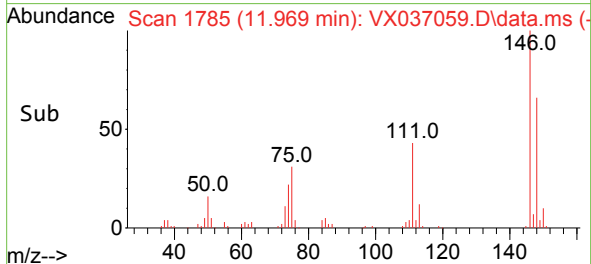
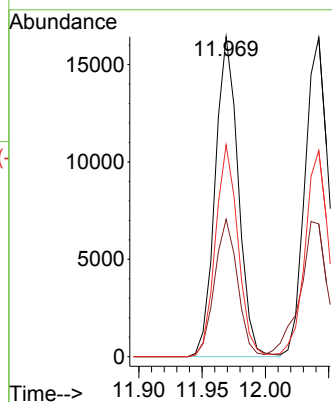
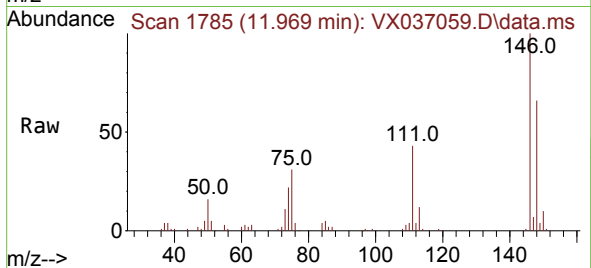
Tgt Ion:146 Resp: 20802

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.1

148 64.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.008 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

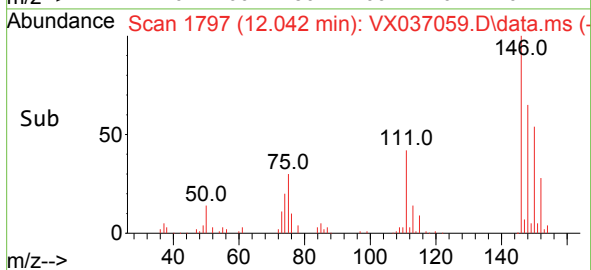
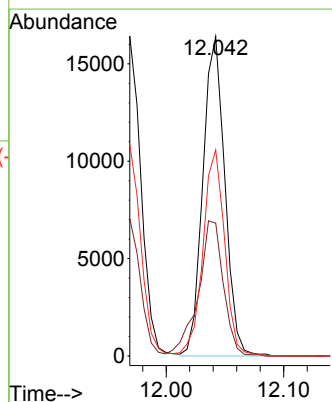
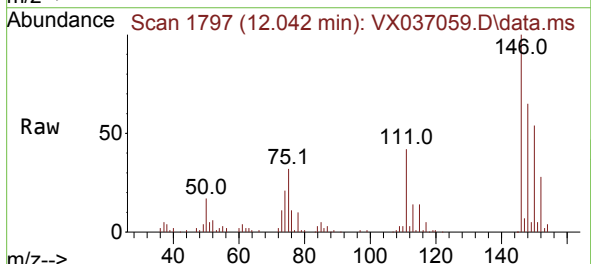
Tgt Ion:146 Resp: 21267

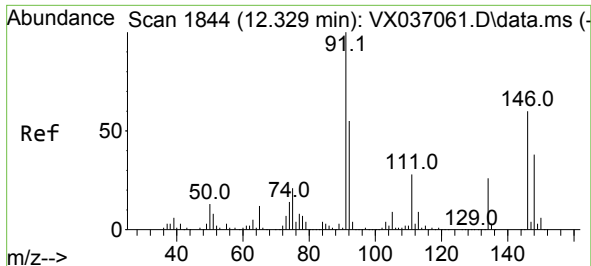
Ion Ratio Lower Upper

146 100

111 48.7 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 4.944 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

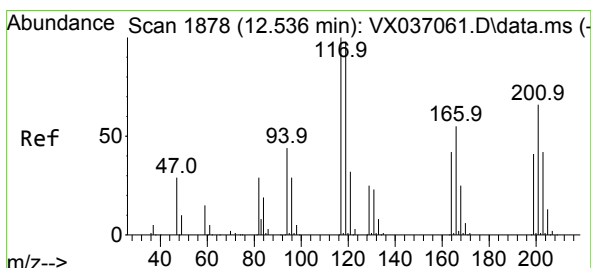
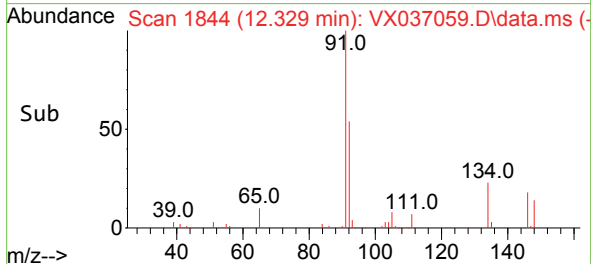
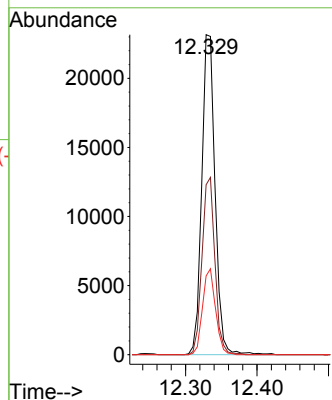
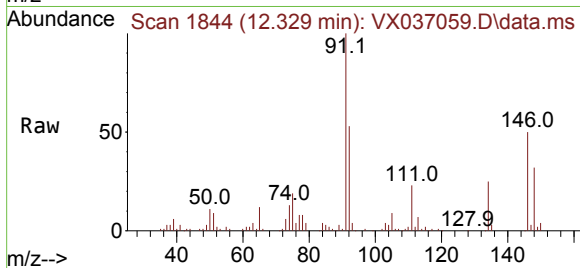
Tgt Ion: 91 Resp: 29973

Ion Ratio Lower Upper

91 100

92 53.7 27.4 82.0

134 26.1 12.6 37.8



#90

Hexachloroethane

Concen: 4.439 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037059.D

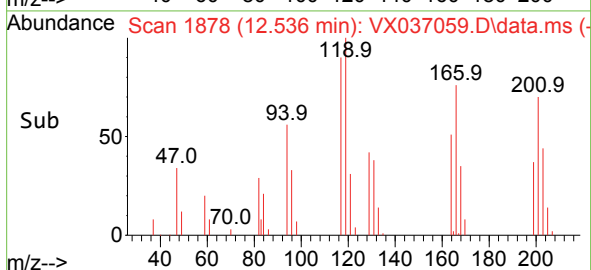
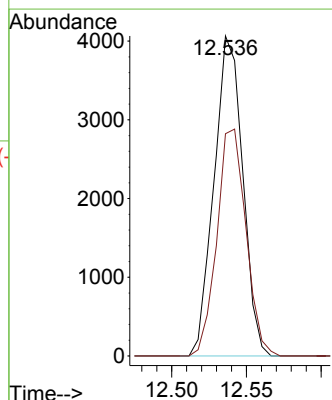
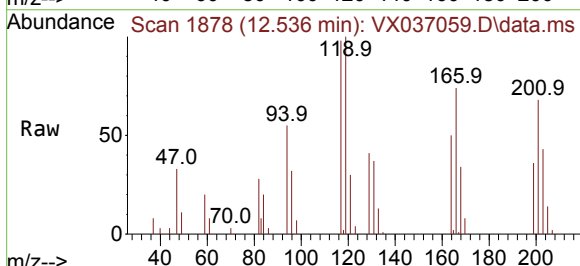
Acq: 17 Aug 2023 14:22

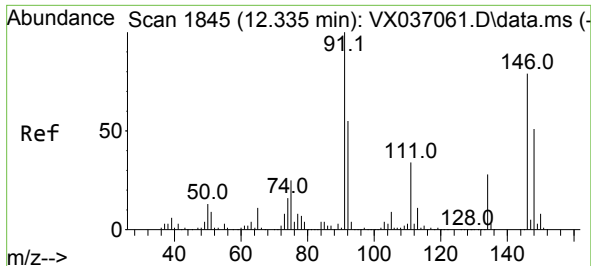
Tgt Ion: 117 Resp: 5418

Ion Ratio Lower Upper

117 100

201 71.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 5.015 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

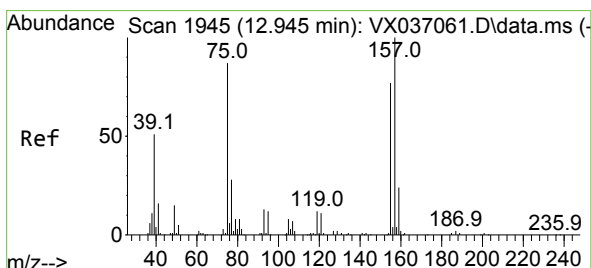
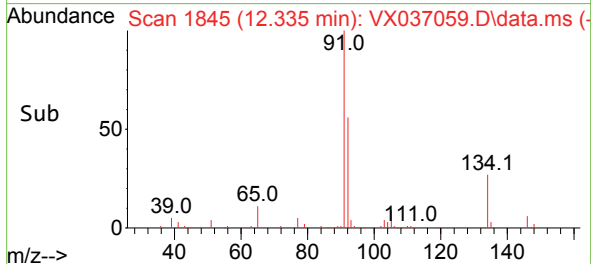
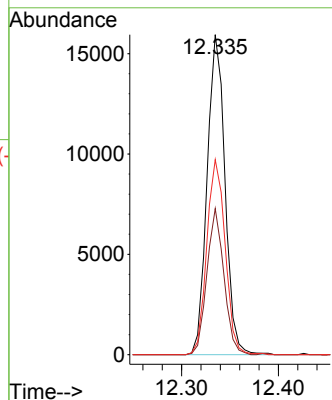
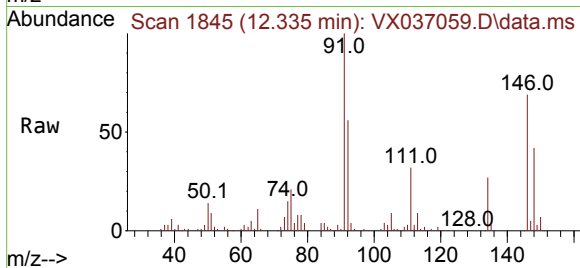
Tgt Ion:146 Resp: 20525

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.0

148 62.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.452 ug/l

RT: 12.944 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

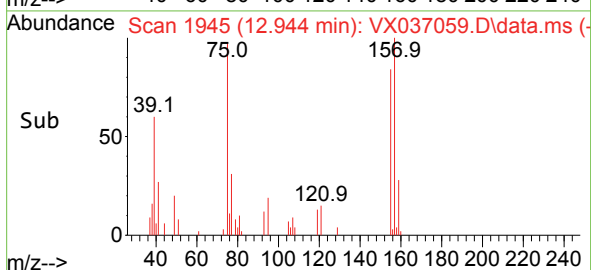
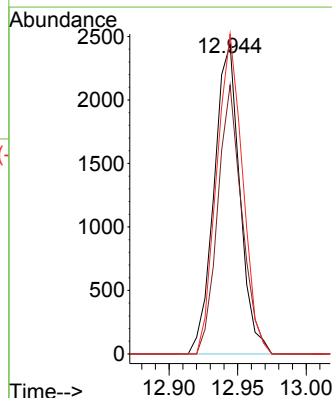
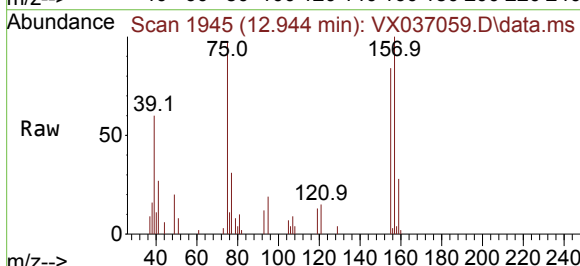
Tgt Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

155 81.4 36.1 108.5

157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.759 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

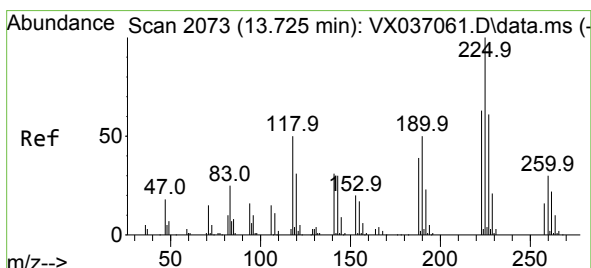
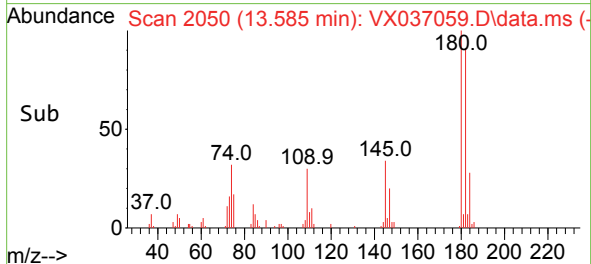
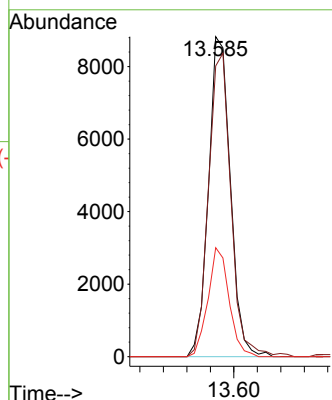
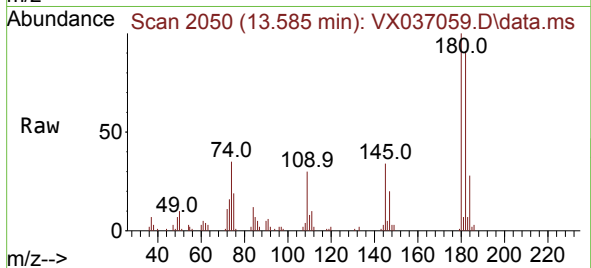
Tgt Ion:180 Resp: 11397

Ion Ratio Lower Upper

180 100

182 97.2 48.3 144.8

145 33.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 5.247 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

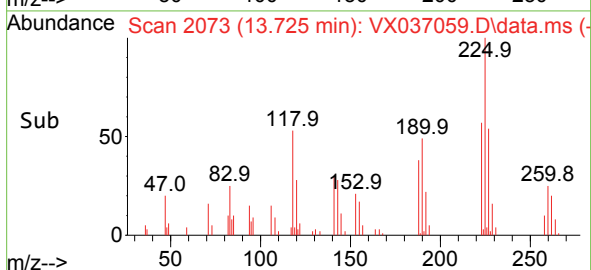
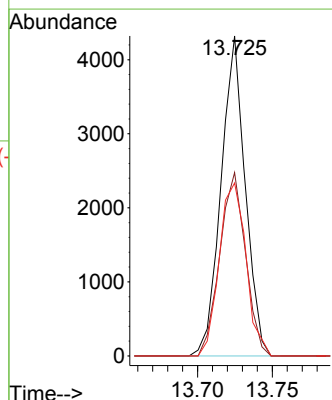
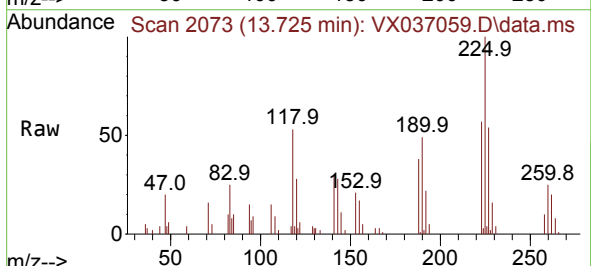
Tgt Ion:225 Resp: 4855

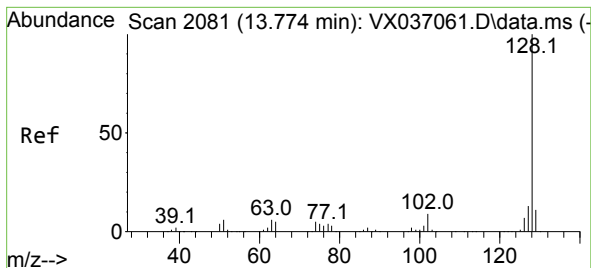
Ion Ratio Lower Upper

225 100

223 60.8 31.1 93.2

227 59.8 32.5 97.5





#95

Naphthalene

Concen: 5.425 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

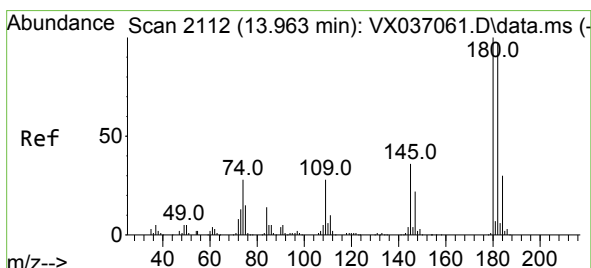
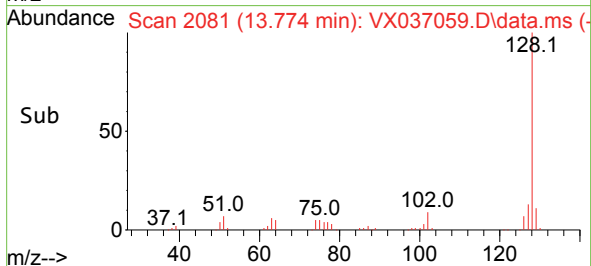
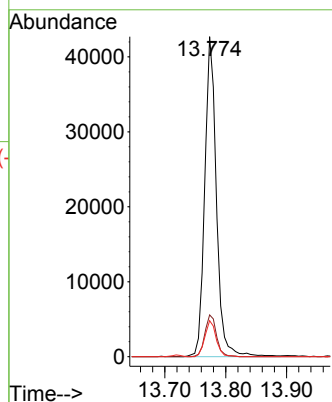
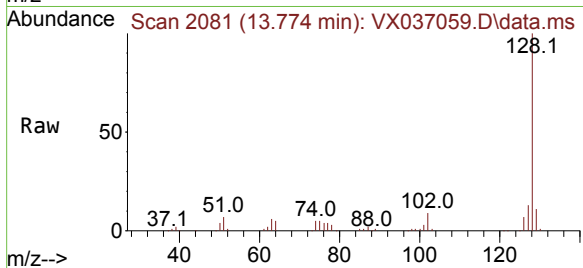
Tgt Ion:128 Resp: 56912

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.957 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037059.D

Acq: 17 Aug 2023 14:22

Tgt Ion:180 Resp: 11795

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 35.0 17.8 53.5

