

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039180.D
 Acq On : 13 Dec 2023 10:12
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 14 01:17:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:16:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	216315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103860	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	3431	1.471	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.940%#
35) Dibromofluoromethane	5.385	113	2092	1.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.560%#
50) Toluene-d8	8.653	98	7053	1.166	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.340%#
62) 4-Bromofluorobenzene	11.079	95	3036	1.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.440%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	1770	0.989	ug/l	85
3) Chloromethane	1.295	50	2010	1.013	ug/l #	83
4) Vinyl Chloride	1.374	62	1849	1.002	ug/l	95
5) Bromomethane	1.612	94	1352	1.274	ug/l #	77
6) Chloroethane	1.691	64	1361	1.224	ug/l	94
7) Trichlorofluoromethane	1.892	101	2728	1.010	ug/l	99
8) Diethyl Ether	2.130	74	914	0.977	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	1710	1.037	ug/l	99
10) Methyl Iodide	2.453	142	1558	0.914	ug/l #	83
11) Tert butyl alcohol	2.947	59	4109	7.013	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1666	1.017	ug/l	84
13) Acrolein	2.239	56	1646	3.522	ug/l	83
14) Allyl chloride	2.666	41	3358	1.012	ug/l	95
15) Acrylonitrile	3.069	53	5953	5.076	ug/l	98
16) Acetone	2.374	43	10419	6.189	ug/l	95
17) Carbon Disulfide	2.514	76	5047	1.053	ug/l	99
18) Methyl Acetate	2.703	43	5029	0.997	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	6092	1.028	ug/l	92
20) Methylene Chloride	2.788	84	2123	1.092	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	1870	1.049	ug/l	88
22) Diisopropyl ether	3.764	45	6031	0.999	ug/l #	97
23) Vinyl Acetate	3.733	43	20322	4.520	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3455	1.012	ug/l	97
25) 2-Butanone	4.568	43	11291	5.608	ug/l	93
26) 2,2-Dichloropropane	4.477	77	2908	0.976	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	734	0.373	ug/l #	1
28) Bromochloromethane	4.891	49	1430	0.858	ug/l #	100
29) Tetrahydrofuran	5.013	42	5525	4.969	ug/l	95
30) Chloroform	5.087	83	3447	1.010	ug/l	94
31) Cyclohexane	5.471	56	3348	1.111	ug/l #	87
32) 1,1,1-Trichloroethane	5.391	97	2815	0.950	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	2554	0.993	ug/l #	77
37) Ethyl Acetate	4.727	43	3086	0.971	ug/l #	91
38) Carbon Tetrachloride	5.672	117	2336	0.952	ug/l	93
39) Methylcyclohexane	7.373	83	3117	1.009	ug/l	96
40) Benzene	6.044	78	7059	0.970	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	1610	0.950	ug/l #	54
42) 1,2-Dichloroethane	6.092	62	2827	0.960	ug/l	84
43) Isopropyl Acetate	6.336	43	4865	0.942	ug/l	97
44) Trichloroethene	7.123	130	1926	1.049	ug/l	80
45) 1,2-Dichloropropane	7.434	63	1854	0.950	ug/l	96
46) Dibromomethane	7.586	93	1383	1.008	ug/l	91
47) Bromodichloromethane	7.824	83	2289	0.872	ug/l #	95
48) Methyl methacrylate	7.702	41	2615	0.866	ug/l	95
49) 1,4-Dioxane	7.671	88	710	17.440	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	15622	4.746	ug/l	95
52) Toluene	8.714	92	4281	0.975	ug/l	89
53) t-1,3-Dichloropropene	8.982	75	2456	0.850	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	2926	0.941	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	1810	0.988	ug/l	92
56) Ethyl methacrylate	9.122	69	1743	0.779	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	3086	0.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	4894	3.725	ug/l	91
59) 2-Hexanone	9.433	43	13637	4.801	ug/l	96
60) Dibromochloromethane	9.525	129	1681	0.907	ug/l	91
61) 1,2-Dibromoethane	9.610	107	1850	0.946	ug/l	97
64) Tetrachloroethene	9.275	164	1489	1.053	ug/l #	87
65) Chlorobenzene	10.080	112	5040	1.067	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	1582	0.949	ug/l #	65
67) Ethyl Benzene	10.195	91	8568	0.975	ug/l	90
68) m/p-Xylenes	10.299	106	6232	1.978	ug/l	93
69) o-Xylene	10.640	106	2965	0.973	ug/l	95
70) Styrene	10.659	104	3800	0.853	ug/l	91
71) Bromoform	10.805	173	948	0.765	ug/l #	95
73) Isopropylbenzene	10.957	105	7747	0.967	ug/l	98
74) N-amyl acetate	10.842	43	3337	0.823	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	2820	0.946	ug/l	92
76) 1,2,3-Trichloropropane	11.238	75	3270	1.217	ug/l	90
77) Bromobenzene	11.201	156	1660	0.937	ug/l	85
78) n-propylbenzene	11.305	91	9503	0.963	ug/l	98
79) 2-Chlorotoluene	11.366	91	6122	1.025	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	6094	0.893	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	733	0.770	ug/l #	92
82) 4-Chlorotoluene	11.457	91	6787	0.968	ug/l	98
83) tert-Butylbenzene	11.713	119	6017	0.926	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	6555	0.936	ug/l	99
85) sec-Butylbenzene	11.890	105	7914	0.957	ug/l	97
86) p-Isopropyltoluene	12.012	119	6725	0.969	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	3532	1.015	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	3532	0.974	ug/l	97
89) n-Butylbenzene	12.335	91	6037	0.885	ug/l	92
90) Hexachloroethane	12.543	117	1167	0.931	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	3346	1.005	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	620	0.790	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	2200	1.009	ug/l	95
94) Hexachlorobutadiene	13.725	225	806	0.981	ug/l	99
95) Naphthalene	13.774	128	6551	0.862	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	2017	0.958	ug/l	90

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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:16:32 2023
Response via : Initial Calibration

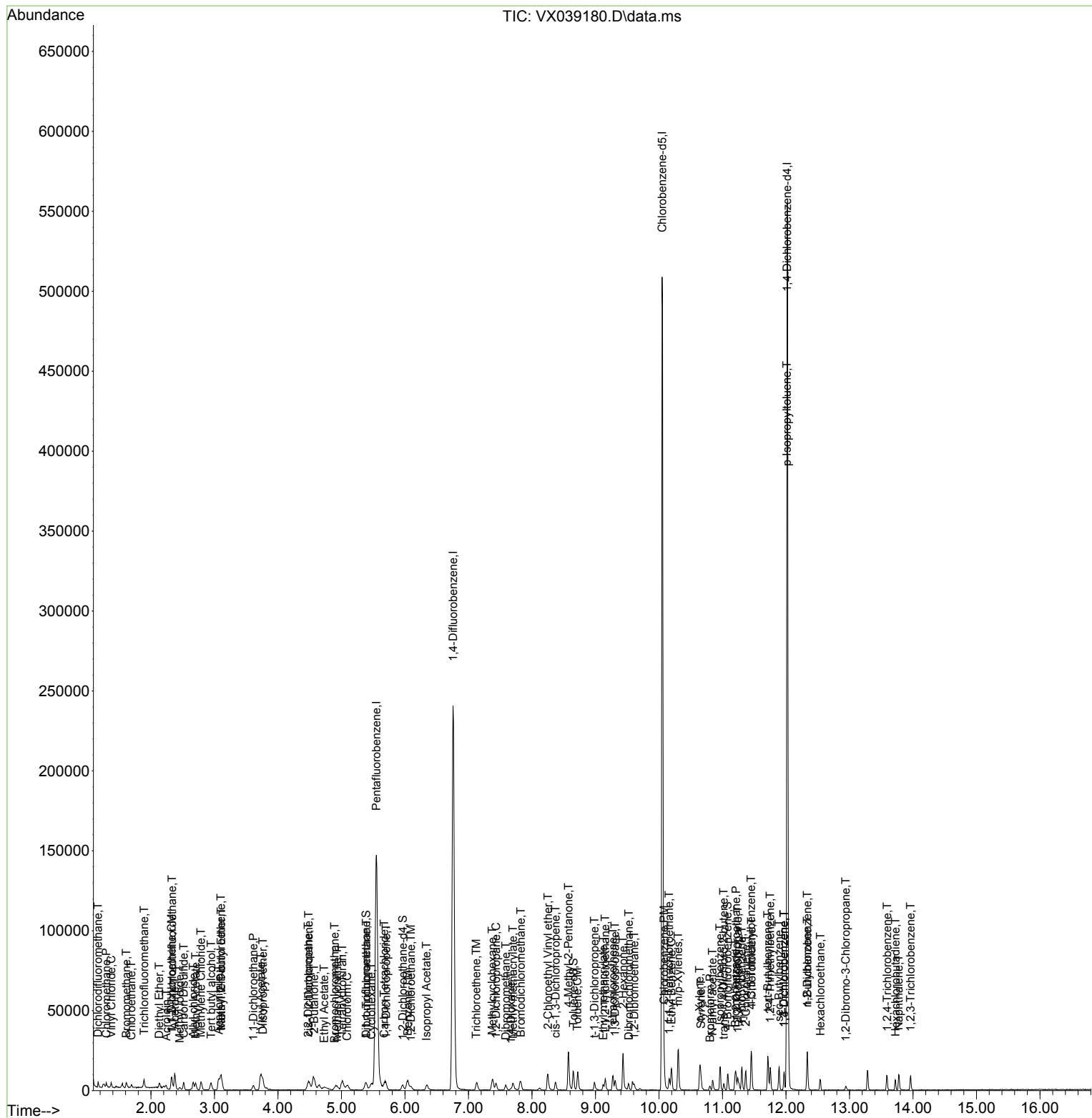
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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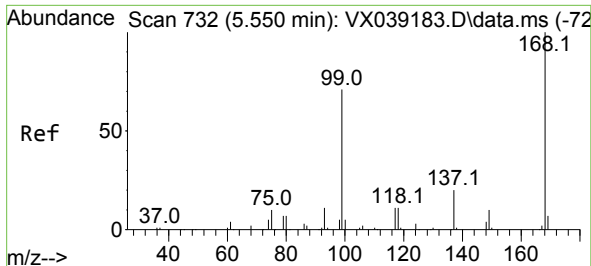
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/MD  
Sample    : VSTDIC001  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 3    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

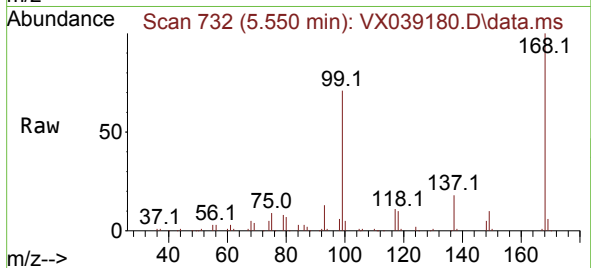
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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QLast Update : Thu Dec 14 01:16:32 2023
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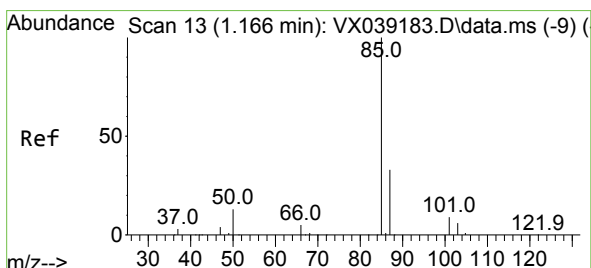
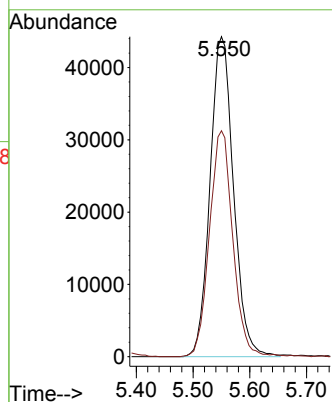
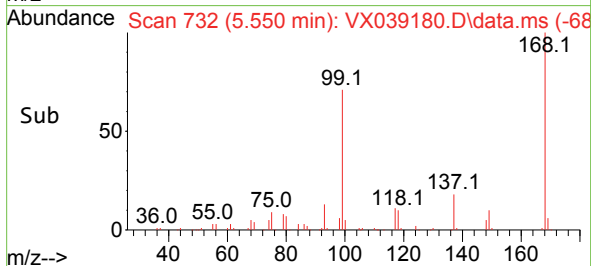


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039180.D
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MSVOA_X
ClientSampleId :
VSTDICC001

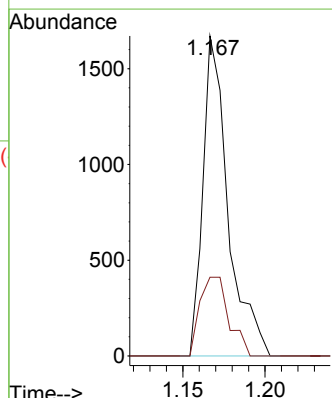
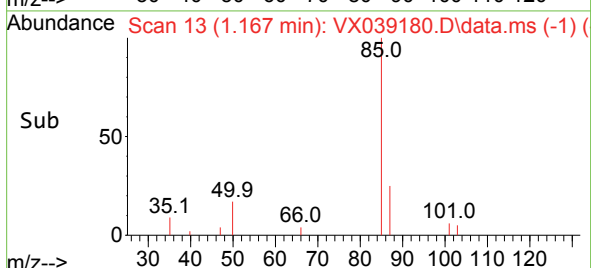
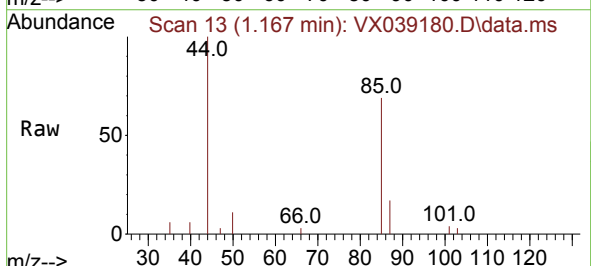


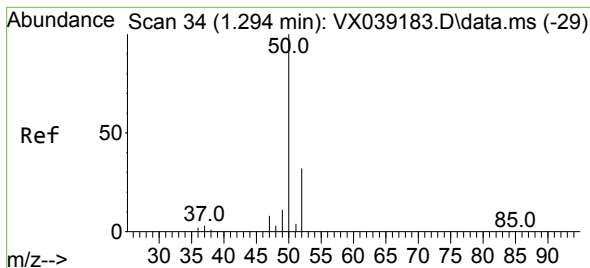
Tgt Ion:168 Resp: 127359
Ion Ratio Lower Upper
168 100
99 70.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.989 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 85 Resp: 1770
Ion Ratio Lower Upper
85 100
87 24.6 16.7 50.1





#3

Chloromethane

Concen: 1.013 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

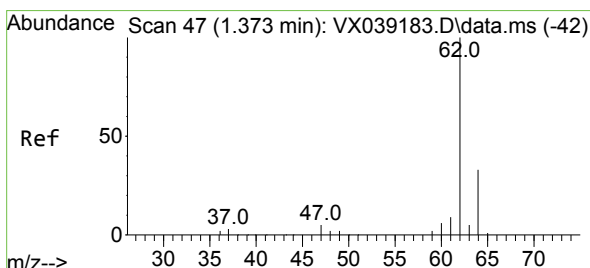
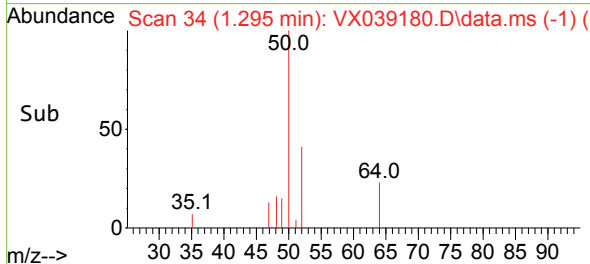
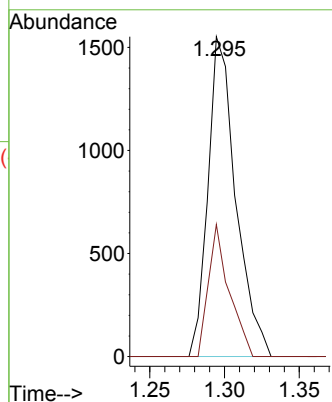
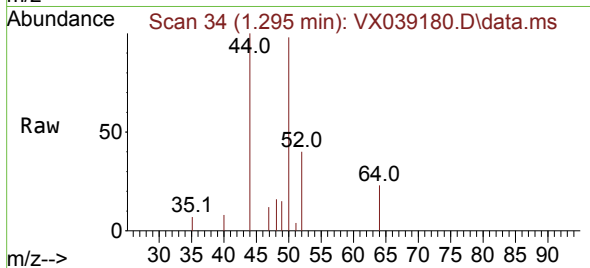
VSTDIC001

Tgt Ion: 50 Resp: 2010

Ion Ratio Lower Upper

50 100

52 41.3 25.5 38.3#



#4

Vinyl Chloride

Concen: 1.002 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039180.D

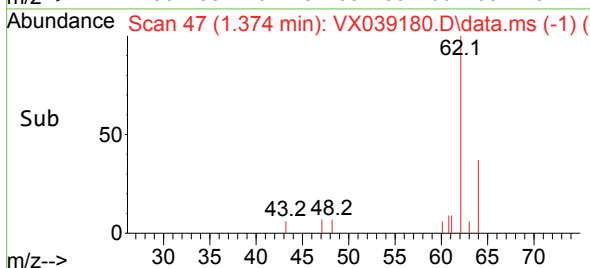
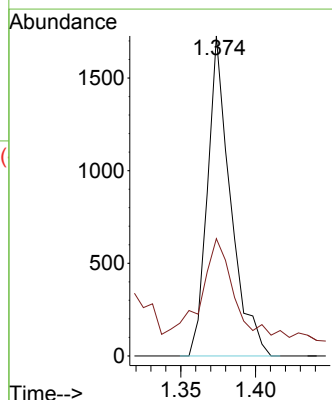
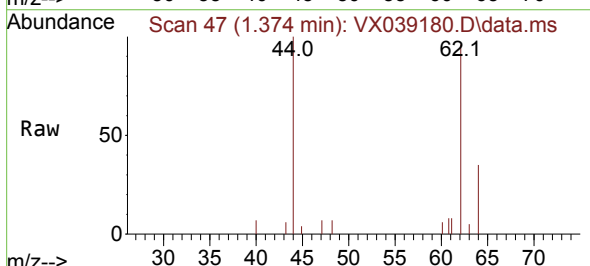
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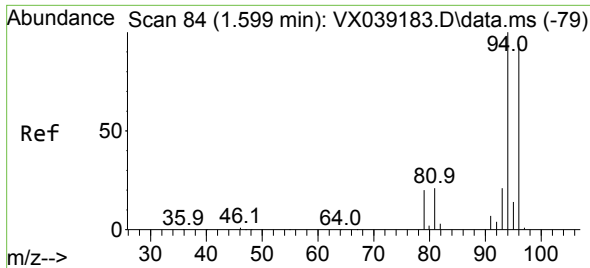
Tgt Ion: 62 Resp: 1849

Ion Ratio Lower Upper

62 100

64 28.7 25.4 38.0

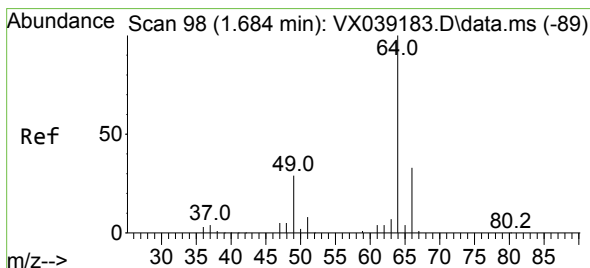
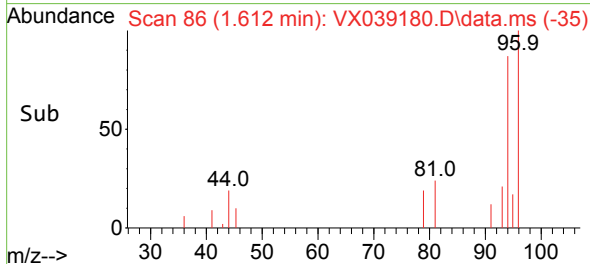
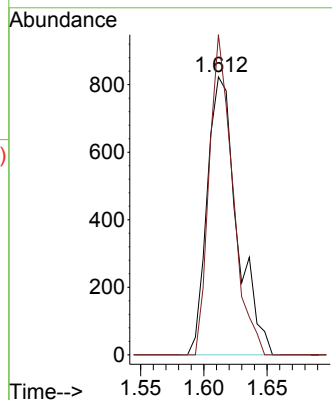
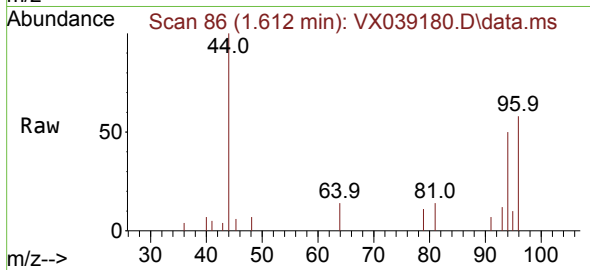




#5
Bromomethane
Concen: 1.274 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

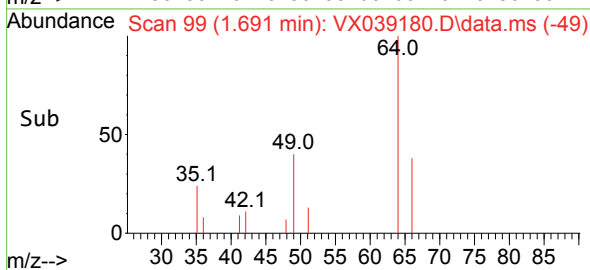
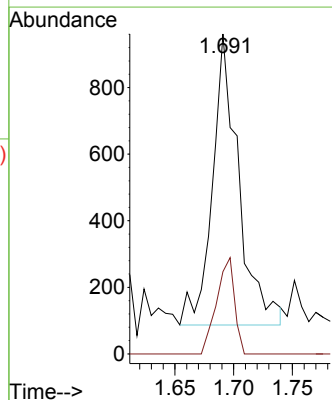
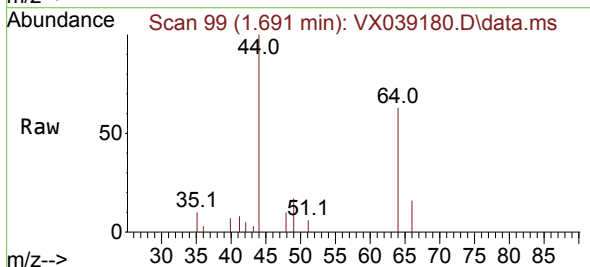
Instrument :
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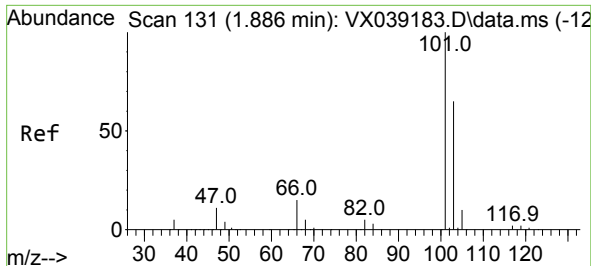
Tgt Ion: 94 Resp: 1352
Ion Ratio Lower Upper
94 100
96 115.2 74.6 111.8#



#6
Chloroethane
Concen: 1.224 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 64 Resp: 1361
Ion Ratio Lower Upper
64 100
66 28.3 25.1 37.7

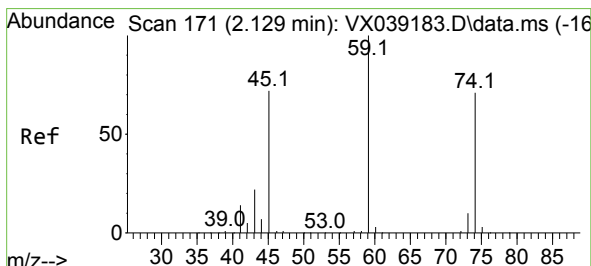
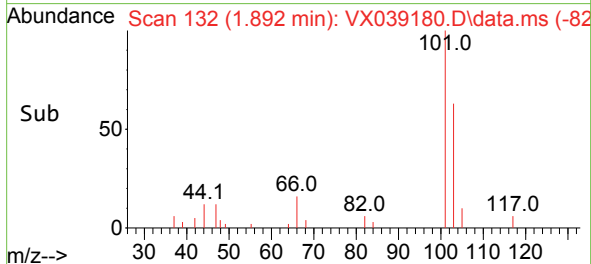
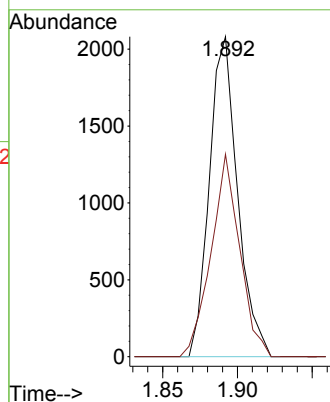
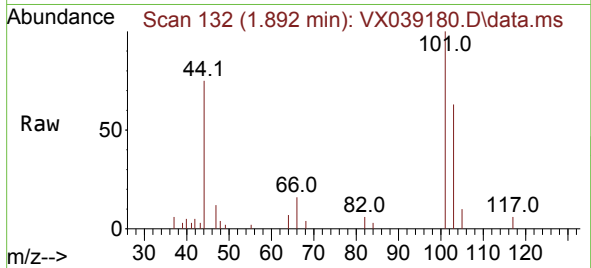




#7
Trichlorofluoromethane
Concen: 1.010 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

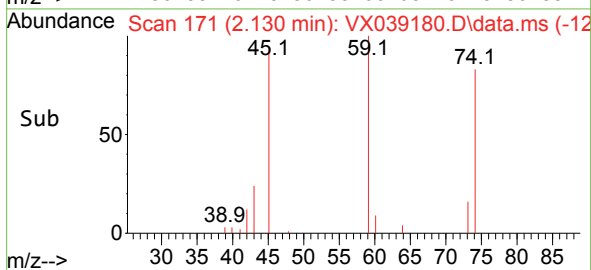
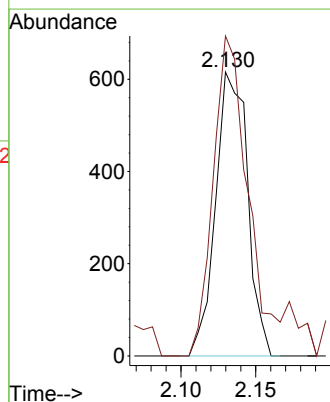
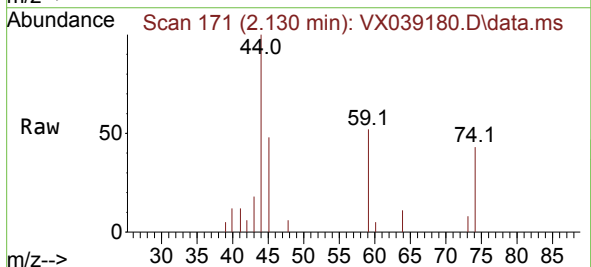
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

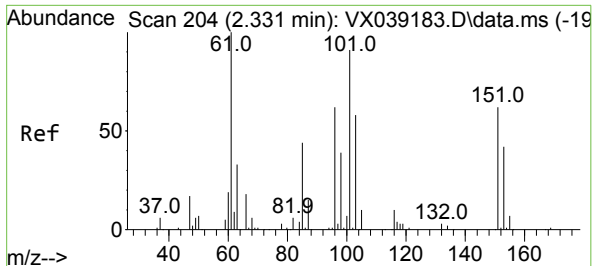
Tgt Ion:101 Resp: 2728
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2



#8
Diethyl Ether
Concen: 0.977 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 74 Resp: 914
Ion Ratio Lower Upper
74 100
45 122.2 53.3 159.8

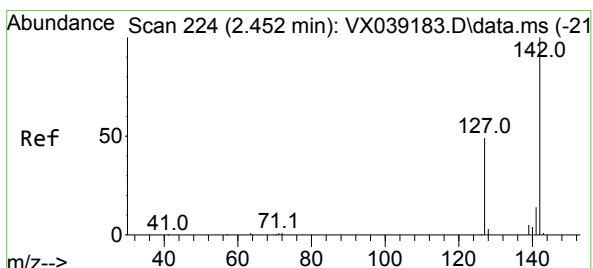
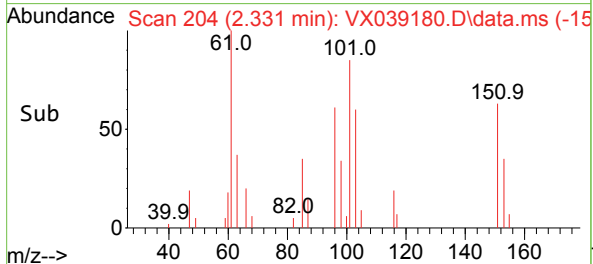
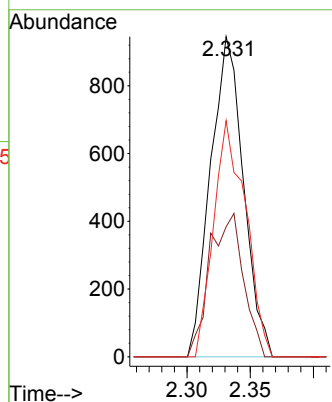
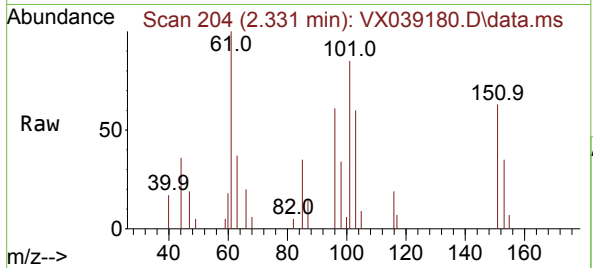




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.037 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

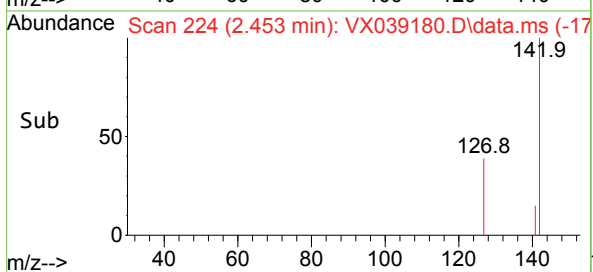
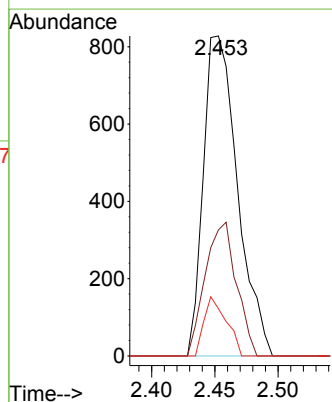
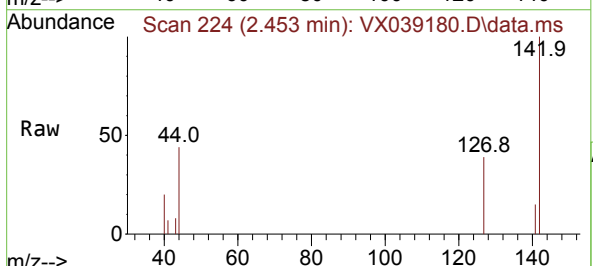
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

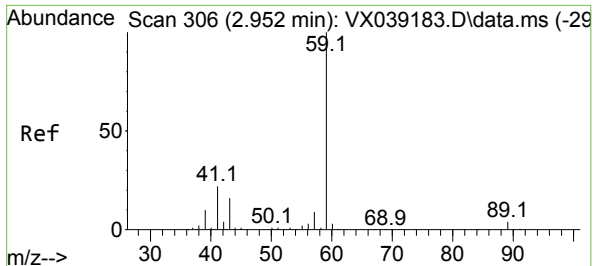
Tgt Ion:101 Resp: 1710
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 71.9 58.6 87.8



#10
Methyl Iodide
Concen: 0.914 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:142 Resp: 1558
Ion Ratio Lower Upper
142 100
127 38.0 41.6 62.4#
141 12.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 7.013 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

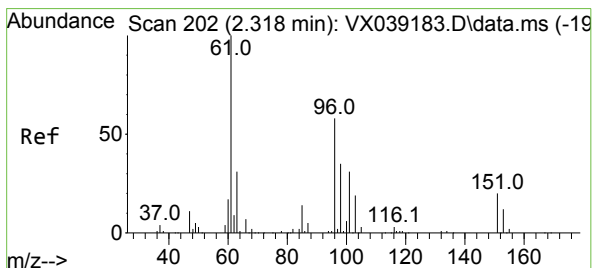
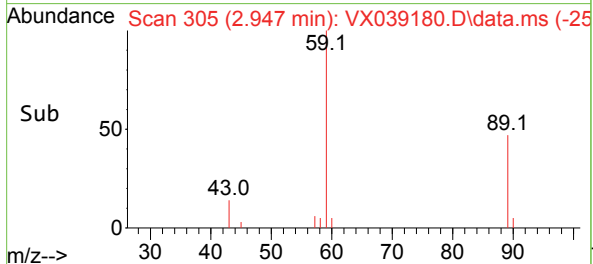
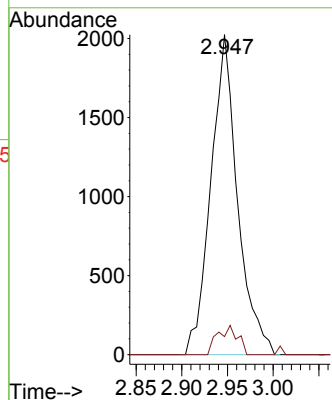
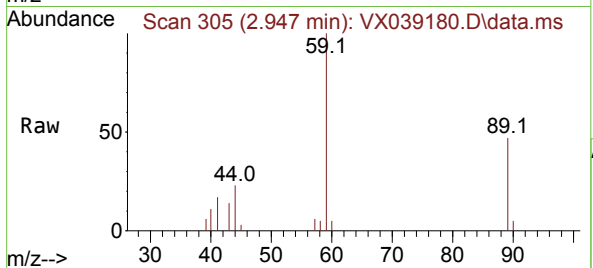
VSTDIC001

Tgt Ion: 59 Resp: 4109

Ion Ratio Lower Upper

59 100

57 6.9 6.0 9.0



#12

1,1-Dichloroethene

Concen: 1.017 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

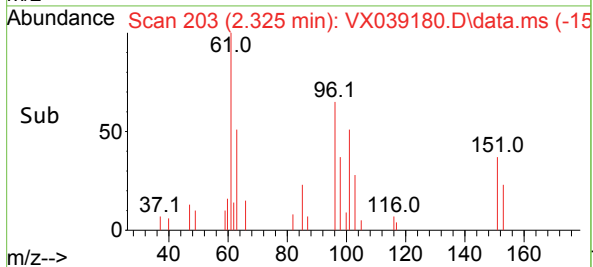
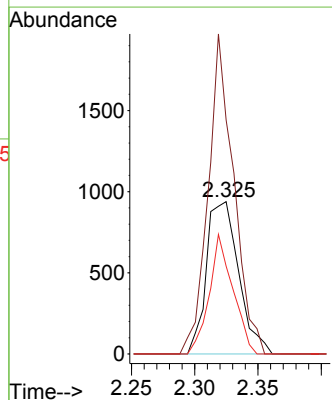
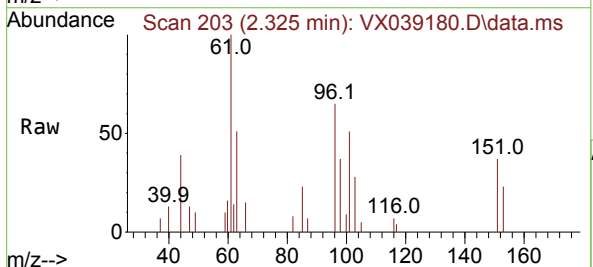
Tgt Ion: 96 Resp: 1666

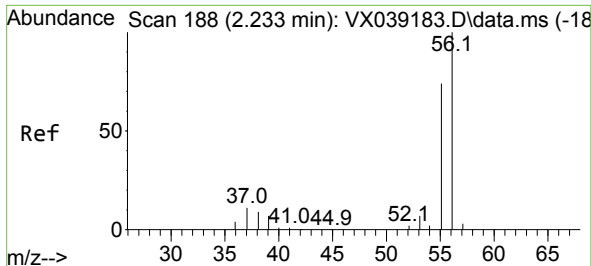
Ion Ratio Lower Upper

96 100

61 153.7 144.6 216.8

98 57.6 50.4 75.6





#13

Acrolein

Concen: 3.522 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

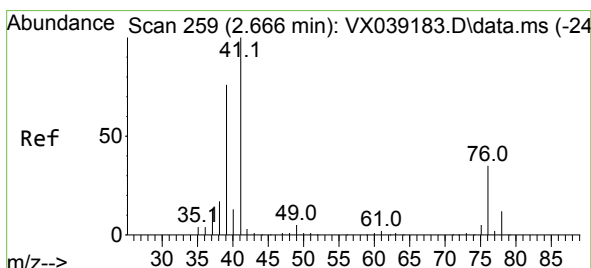
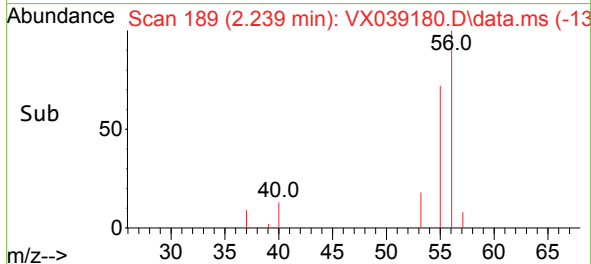
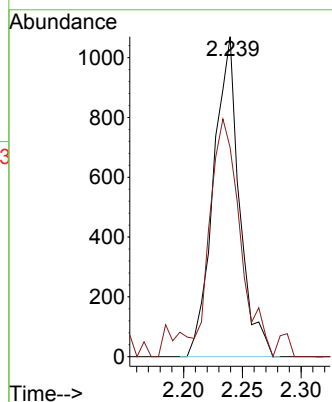
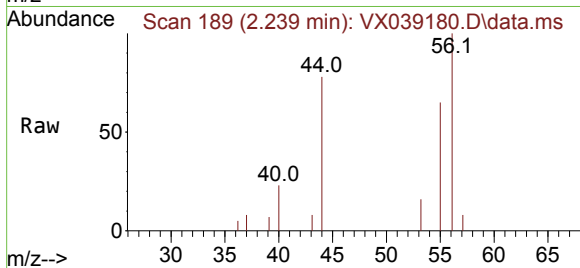
VSTDIC001

Tgt Ion: 56 Resp: 1646

Ion Ratio Lower Upper

56 100

55 85.2 57.1 85.7



#14

Allyl chloride

Concen: 1.012 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

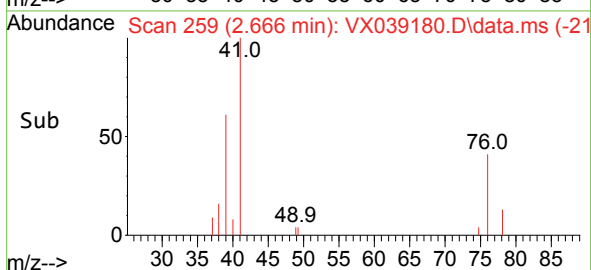
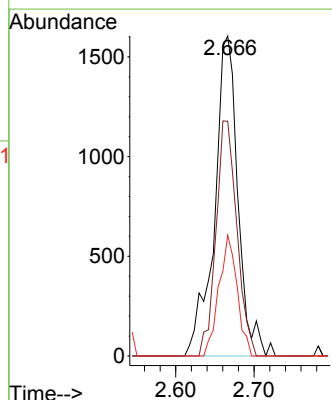
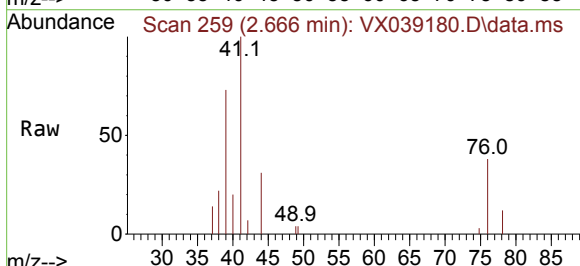
Tgt Ion: 41 Resp: 3358

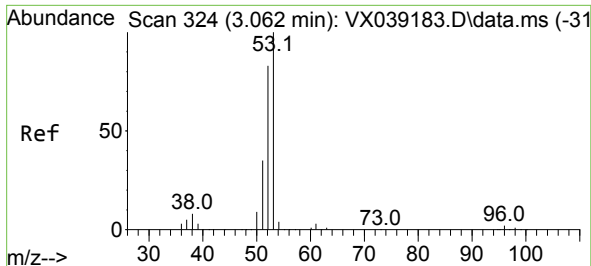
Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.6

76 29.2 24.3 36.5

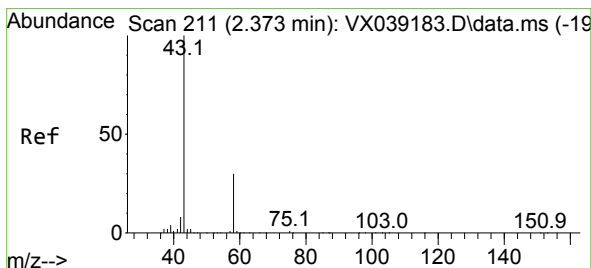
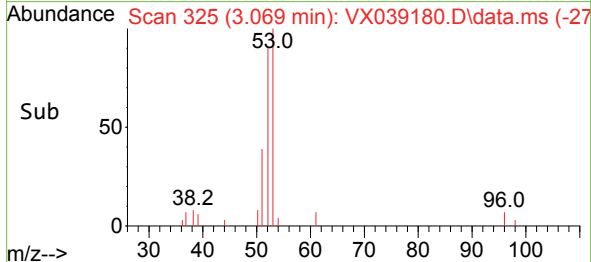
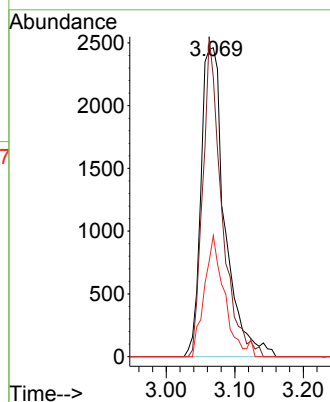
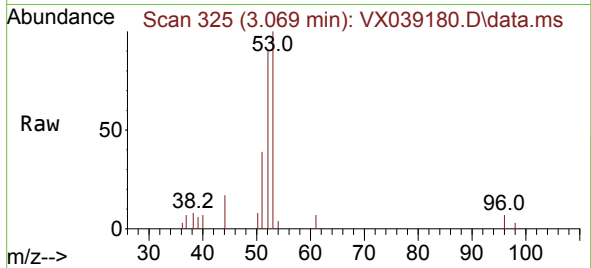




#15
Acrylonitrile
Concen: 5.076 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

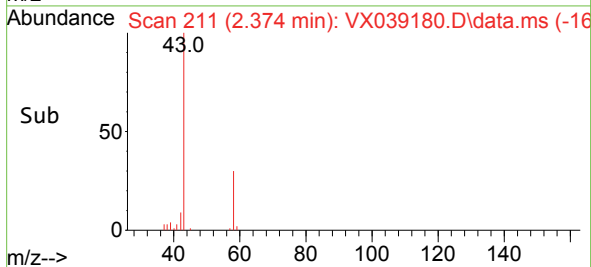
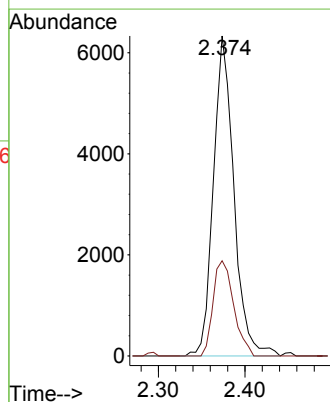
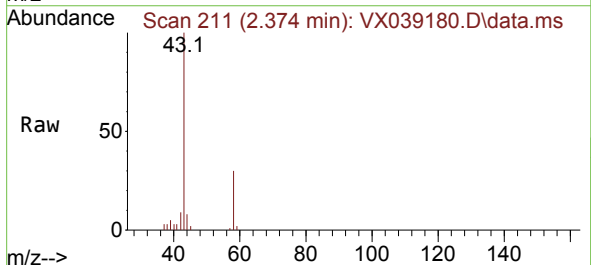
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

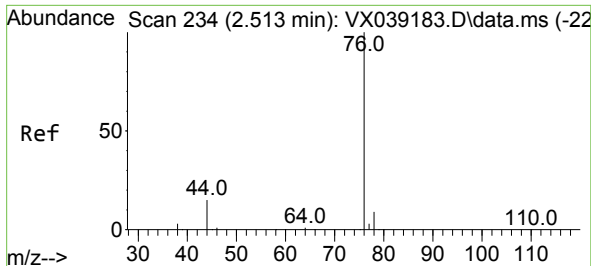
Tgt Ion: 53	Resp: 5953
Ion Ratio	Lower Upper
53 100	
52 82.3	66.0 99.0
51 33.3	29.8 44.6



#16
Acetone
Concen: 6.189 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 43	Resp: 10419
Ion Ratio	Lower Upper
43 100	
58 29.7	21.9 32.9

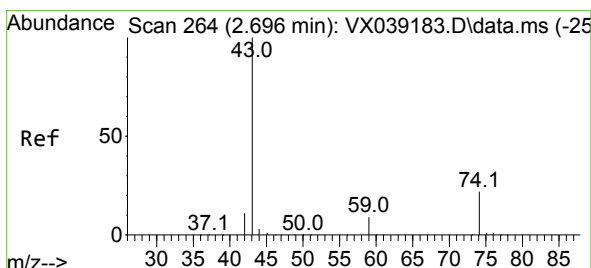
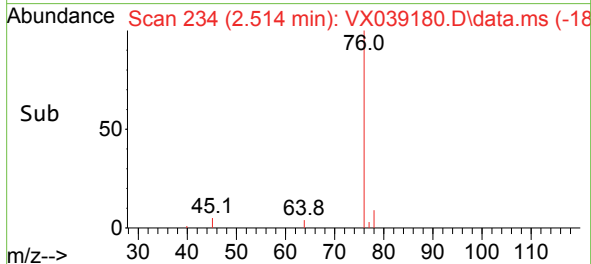
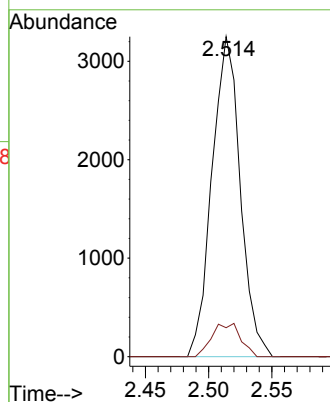
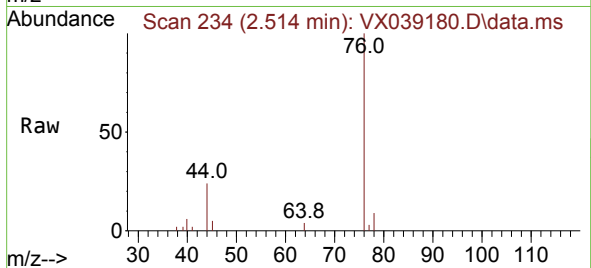




#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

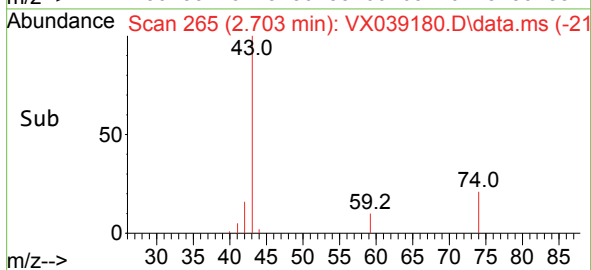
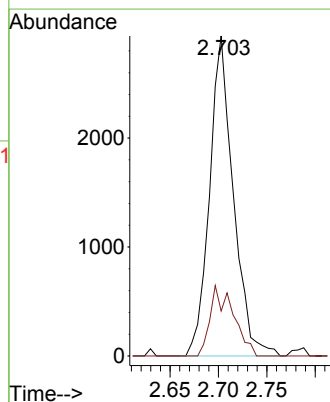
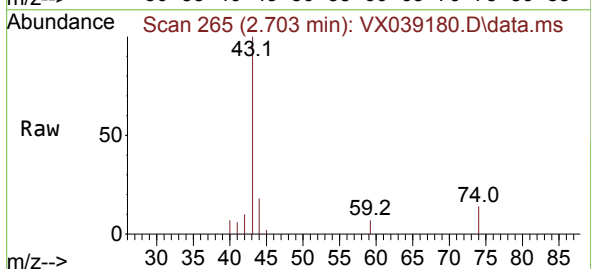
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

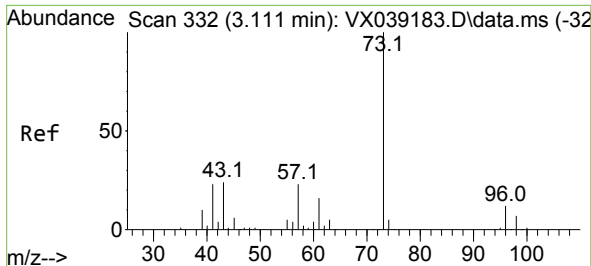
Tgt Ion: 76 Resp: 5047
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 0.997 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 43 Resp: 5029
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8

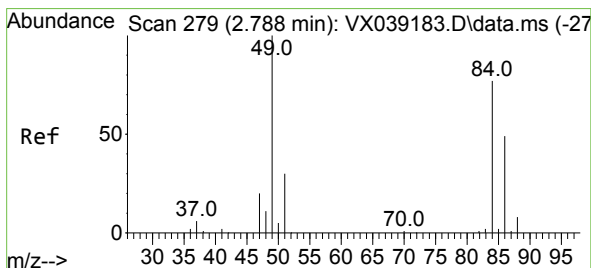
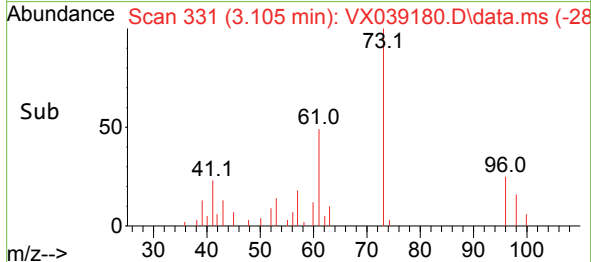
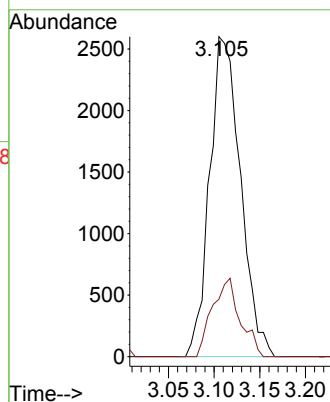
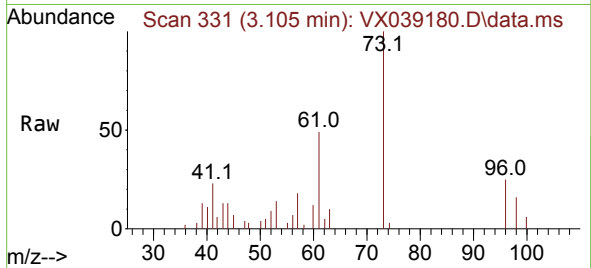




#19
Methyl tert-butyl Ether
Concen: 1.028 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

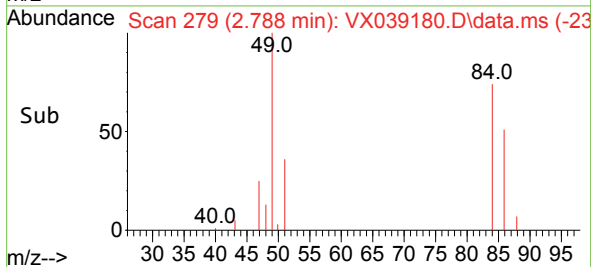
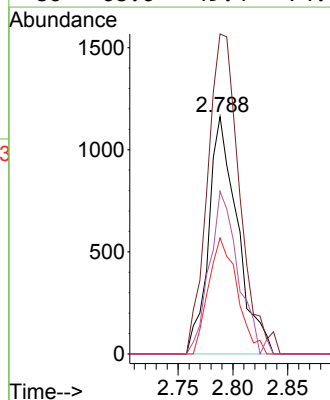
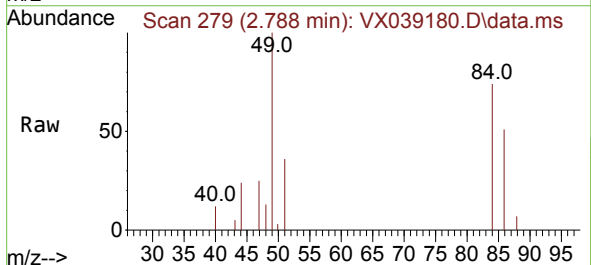
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

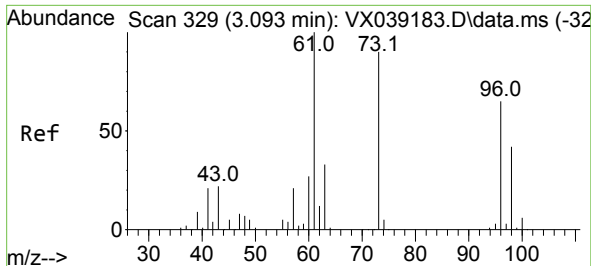
Tgt Ion: 73 Resp: 6092
Ion Ratio Lower Upper
73 100
57 18.0 17.3 25.9



#20
Methylene Chloride
Concen: 1.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 84 Resp: 2123
Ion Ratio Lower Upper
84 100
49 134.9 103.6 155.4
51 48.9 33.8 50.6
86 68.6 49.4 74.0

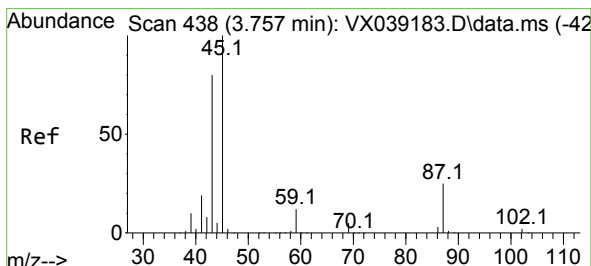
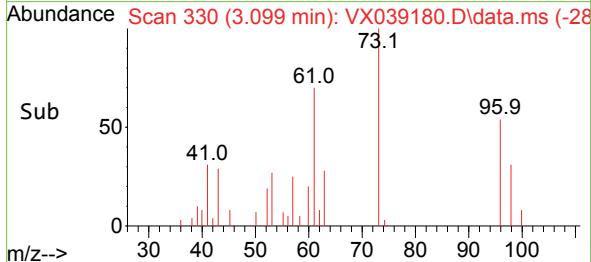
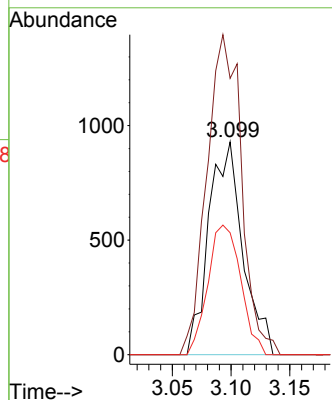
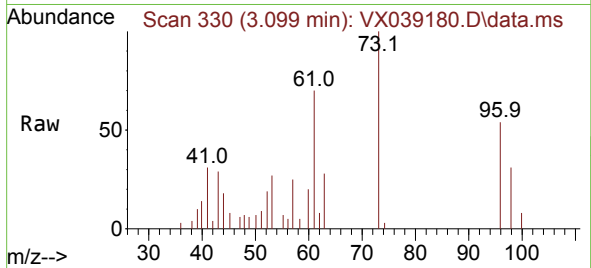




#21
trans-1,2-Dichloroethene
Concen: 1.049 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

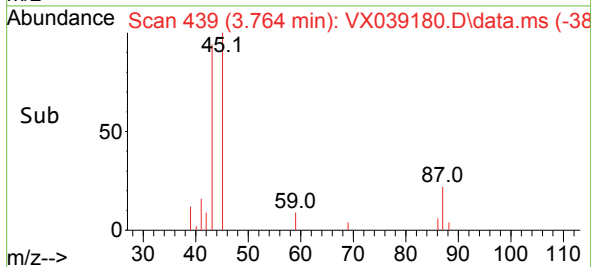
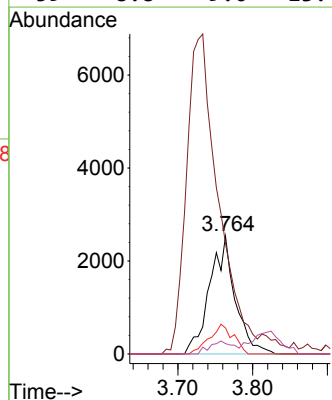
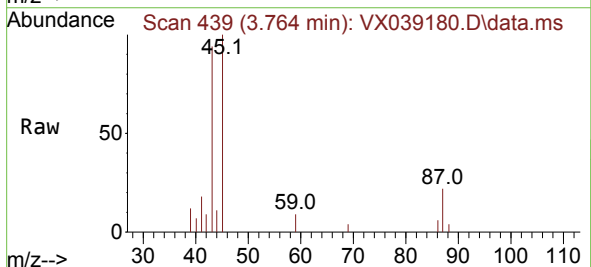
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

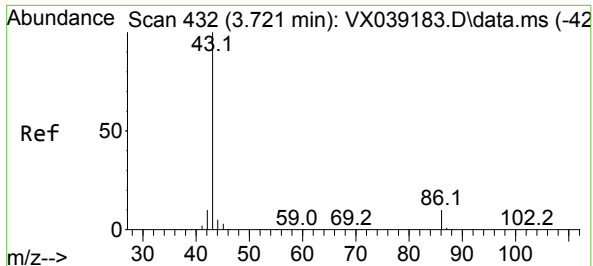
Tgt Ion: 96 Resp: 1870
Ion Ratio Lower Upper
96 100
61 129.8 119.2 178.8
98 57.3 48.7 73.1



#22
Diisopropyl ether
Concen: 0.999 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 45 Resp: 6031
Ion Ratio Lower Upper
45 100
43 86.2 69.7 104.5
87 22.1 20.8 31.2
59 8.8 9.0 13.4#

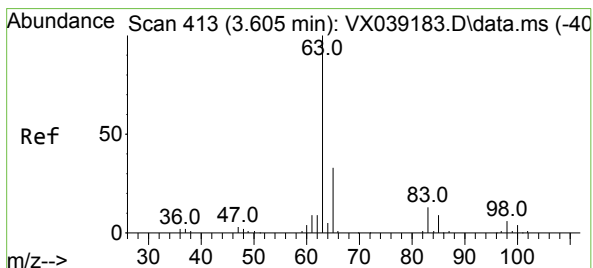
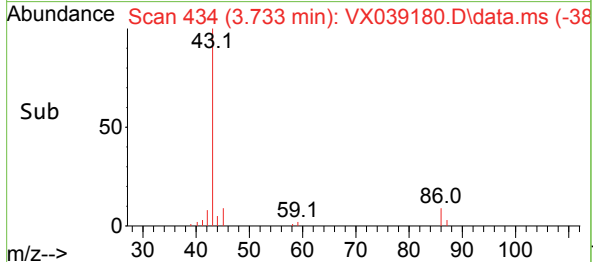
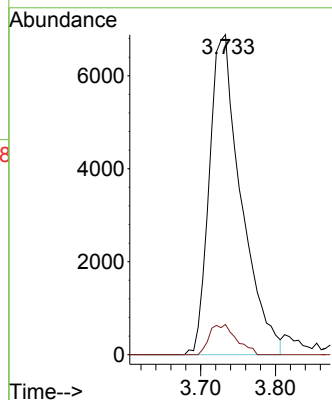
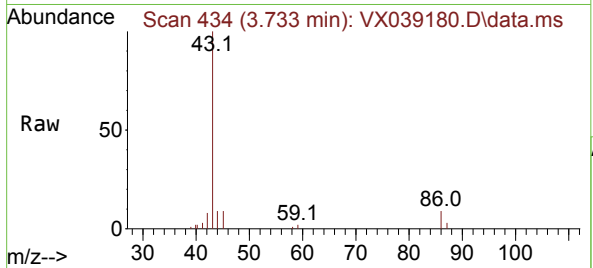




#23
 Vinyl Acetate
 Concen: 4.520 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

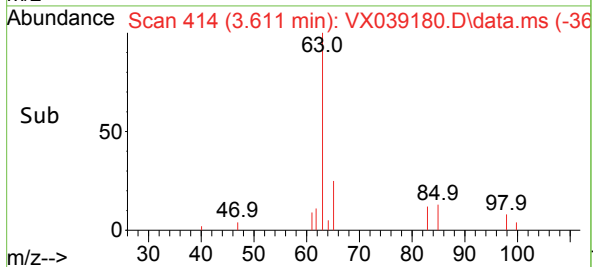
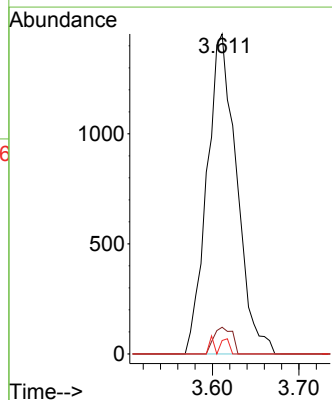
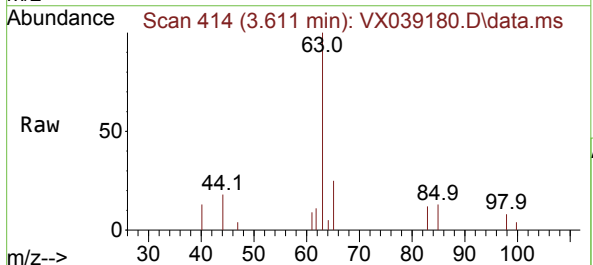
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

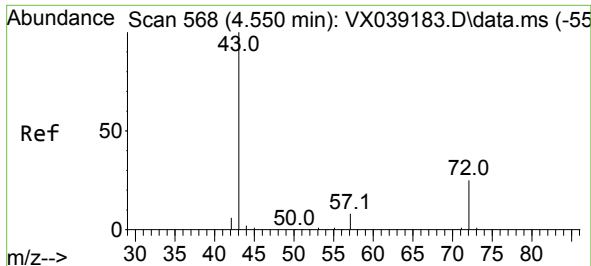
Tgt Ion: 43 Resp: 20322
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 1.012 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

Tgt Ion: 63 Resp: 3455
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 5.608 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

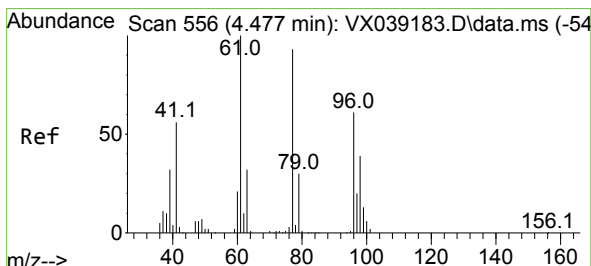
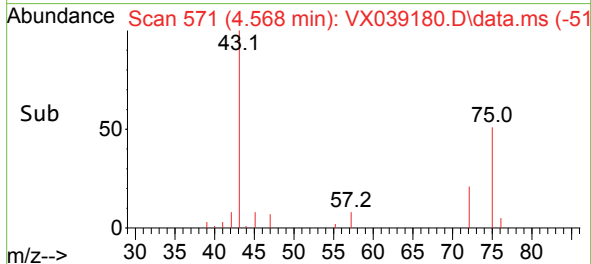
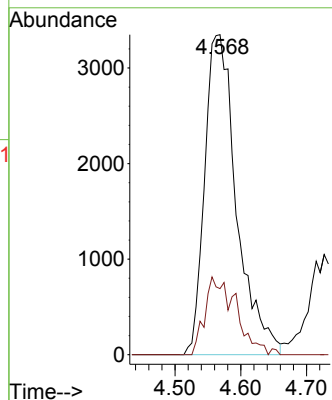
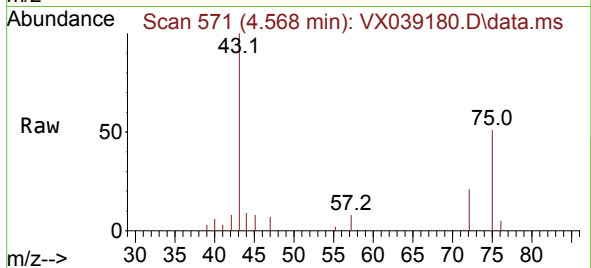
VSTDIC001

Tgt Ion: 43 Resp: 11291

Ion Ratio Lower Upper

43 100

72 20.7 19.4 29.2



#26

2,2-Dichloropropane

Concen: 0.976 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX039180.D

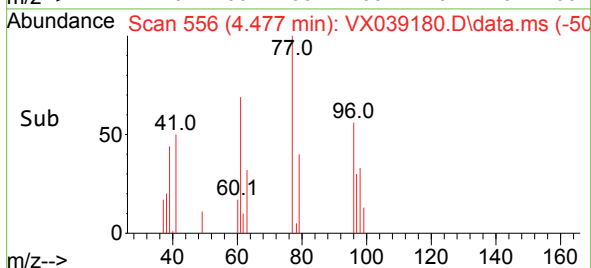
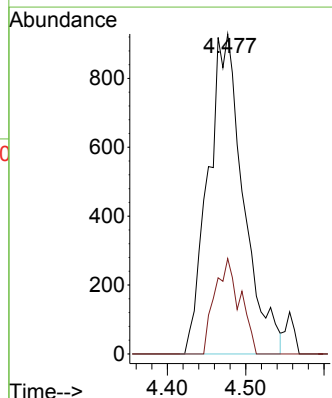
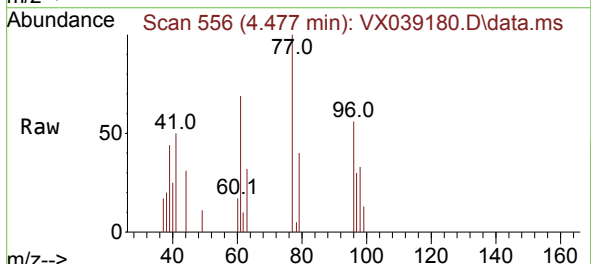
Acq: 13 Dec 2023 10:12

Tgt Ion: 77 Resp: 2908

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.373 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

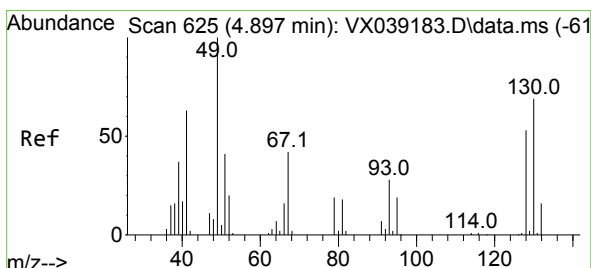
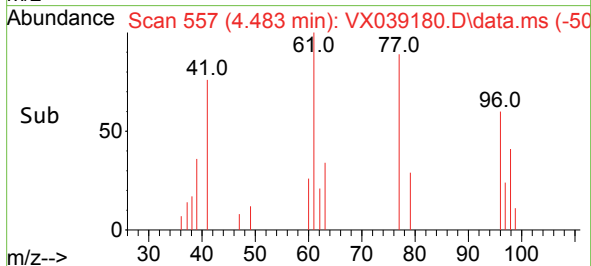
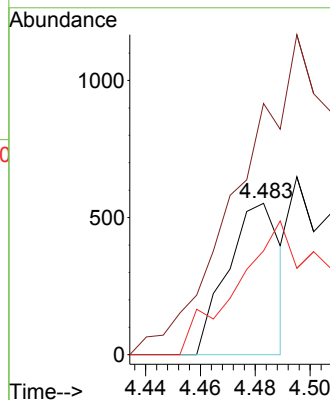
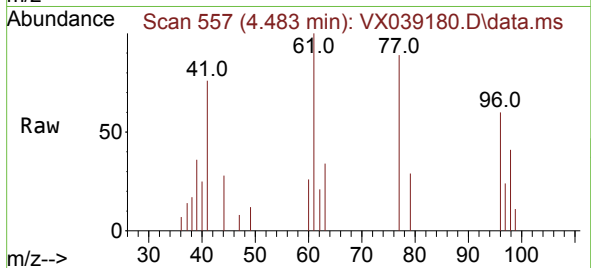
Tgt Ion: 96 Resp: 734

Ion Ratio Lower Upper

96 100

61 455.9 0.0 312.2#

98 169.9 0.0 129.0#



#28

Bromochloromethane

Concen: 0.858 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

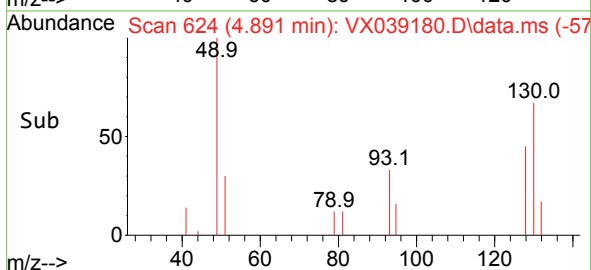
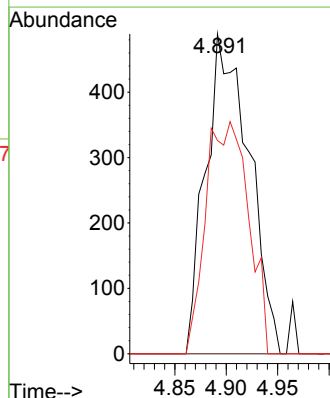
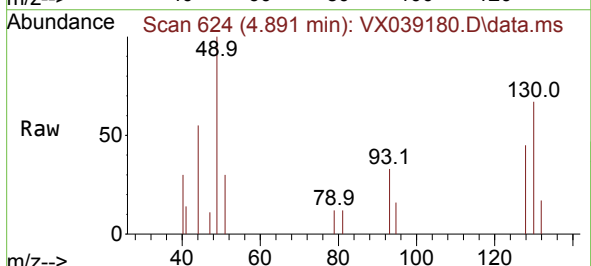
Tgt Ion: 49 Resp: 1430

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 72.0 57.5 86.3

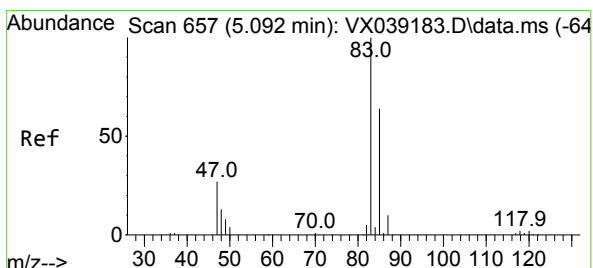
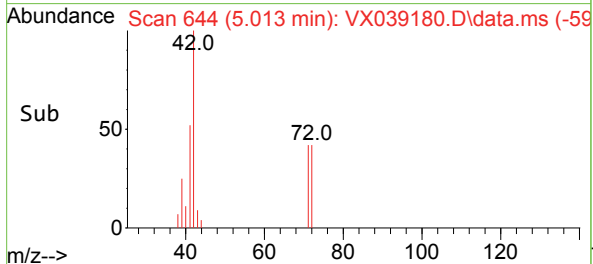
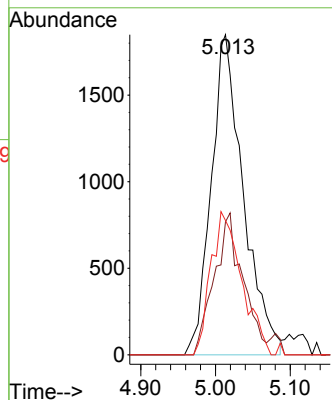
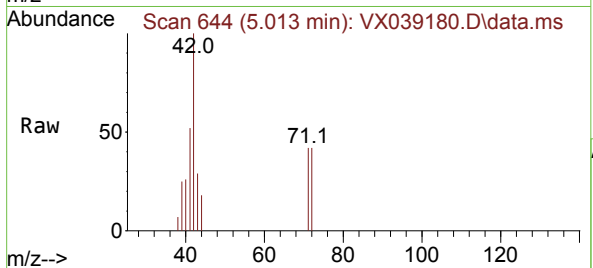




#29
Tetrahydrofuran
Concen: 4.969 ug/l
RT: 5.013 min Scan# 641
Delta R.T. 0.019 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

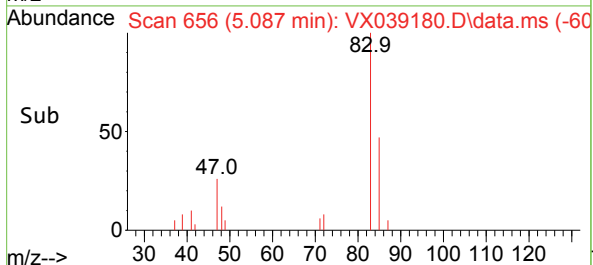
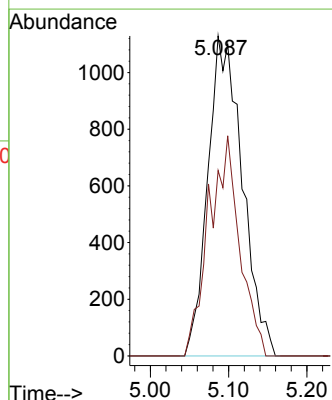
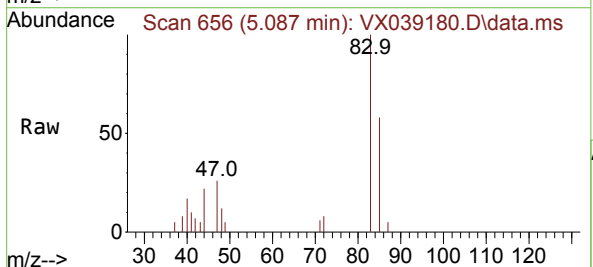
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

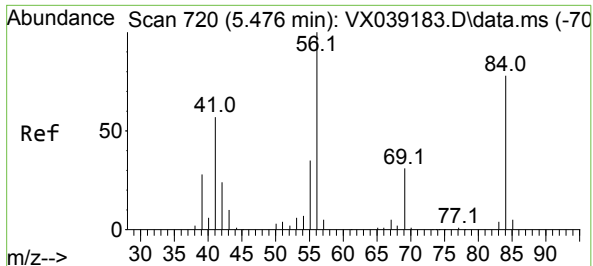
Tgt Ion: 42 Resp: 5525
Ion Ratio Lower Upper
42 100
72 39.7 34.2 51.4
71 43.0 32.2 48.2



#30
Chloroform
Concen: 1.010 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 83 Resp: 3447
Ion Ratio Lower Upper
83 100
85 57.9 50.3 75.5

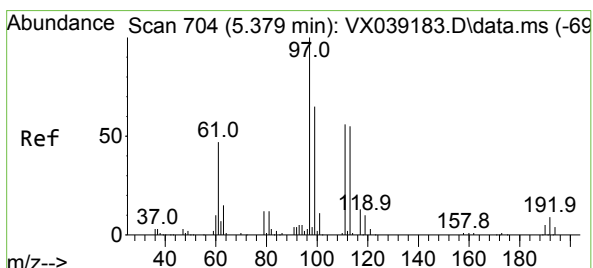
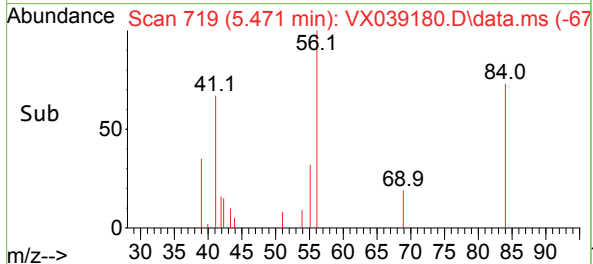
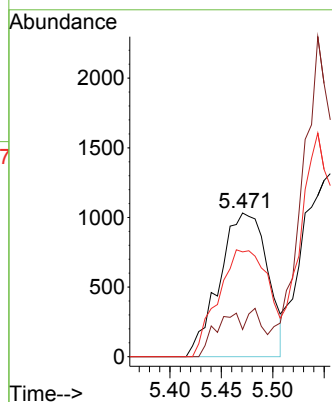
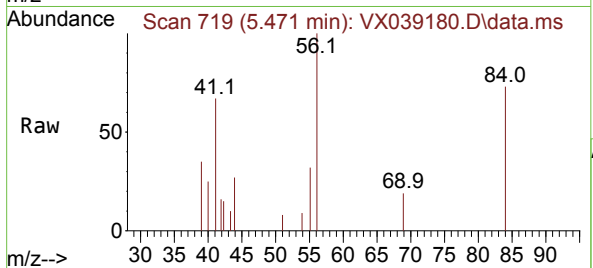




#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

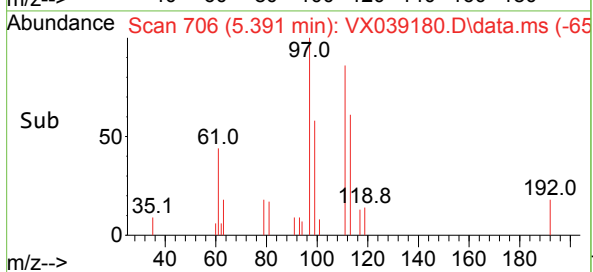
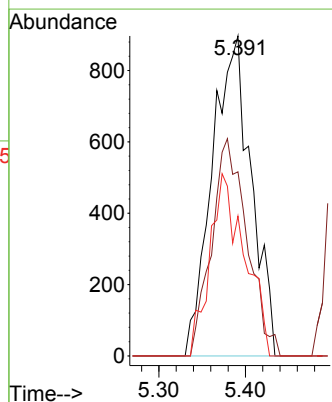
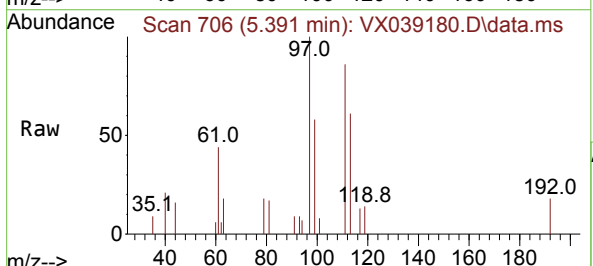
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

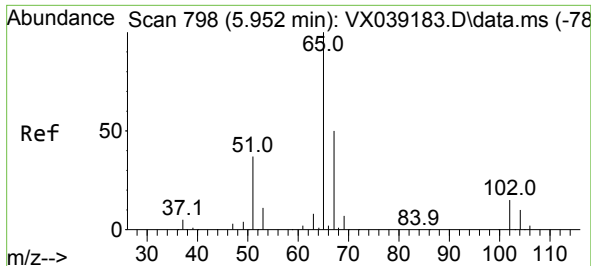
Tgt Ion: 56 Resp: 3348
Ion Ratio Lower Upper
56 100
69 18.9 23.4 35.2#
84 73.0 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 0.950 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 97 Resp: 2815
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 50.7 36.4 54.6

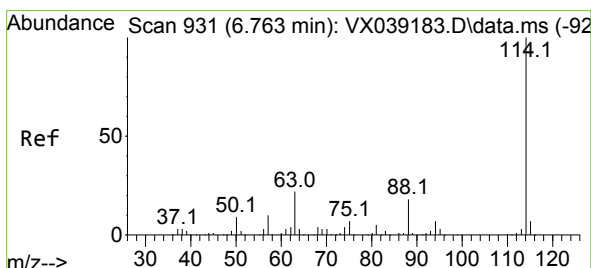
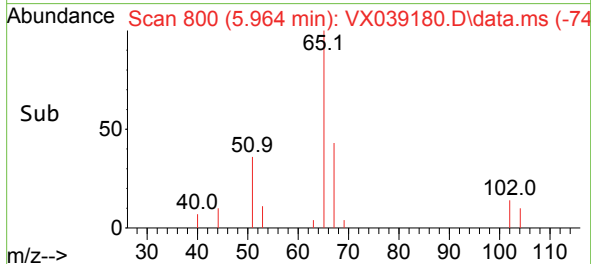
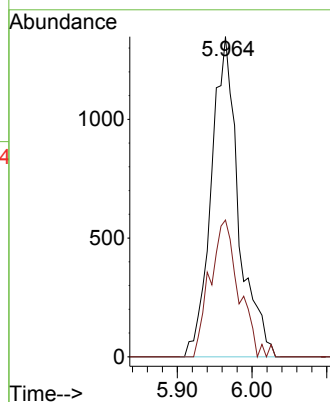
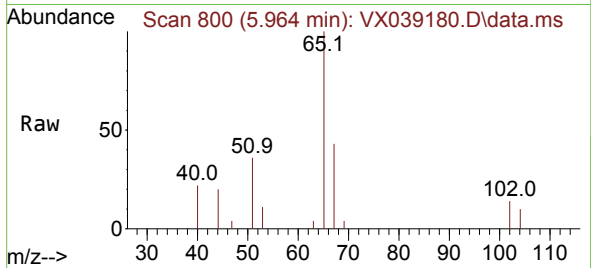




#33
1,2-Dichloroethane-d4
Concen: 1.471 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

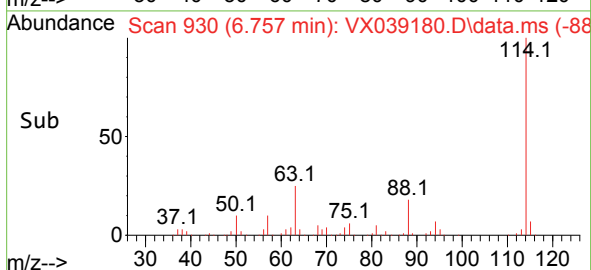
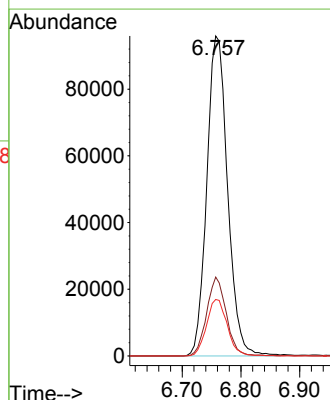
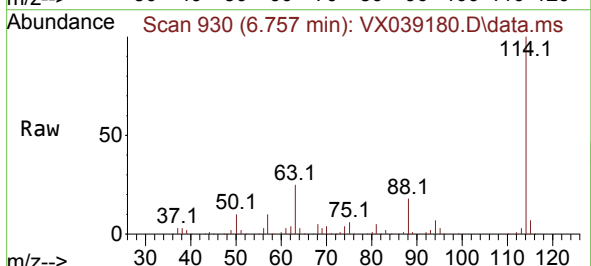
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

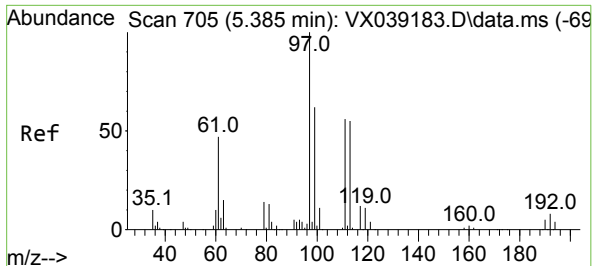
Tgt Ion: 65 Resp: 3431
Ion Ratio Lower Upper
65 100
67 45.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

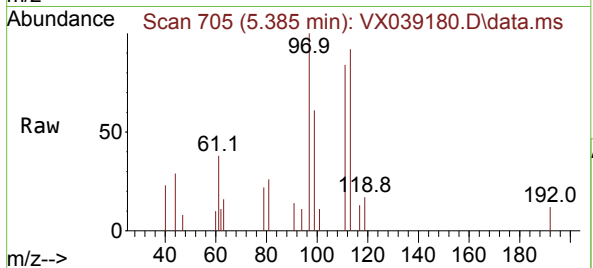
Tgt Ion: 114 Resp: 235869
Ion Ratio Lower Upper
114 100
63 24.6 0.0 45.0
88 17.6 0.0 36.6



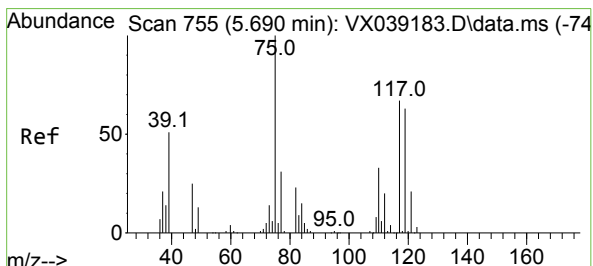
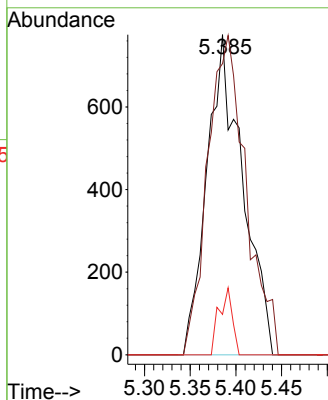
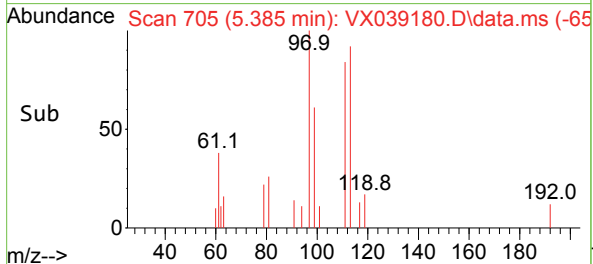


#35
Dibromofluoromethane
Concen: 1.284 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

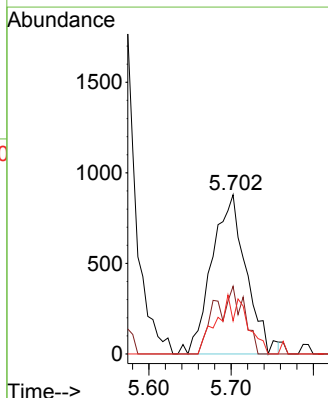
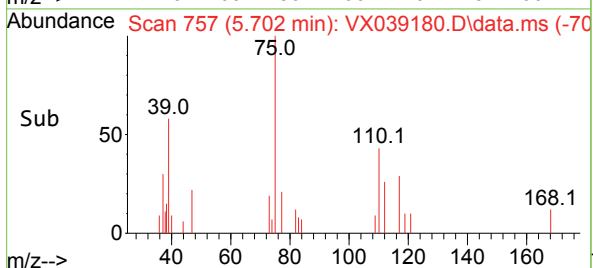
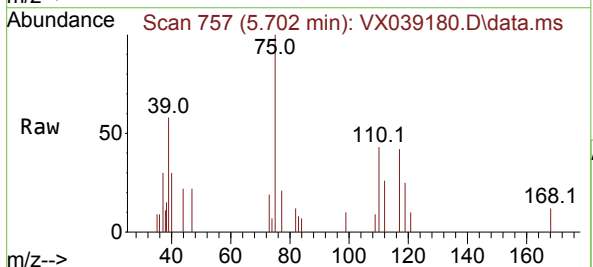


Tgt Ion:113 Resp: 2092
Ion Ratio Lower Upper
113 100
111 107.6 82.9 124.3
192 7.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 0.993 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 75 Resp: 2554
Ion Ratio Lower Upper
75 100
110 20.9 17.0 50.9
77 18.2 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.971 ug/l

RT: 4.727 min Scan# 594

Delta R.T. 0.019 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

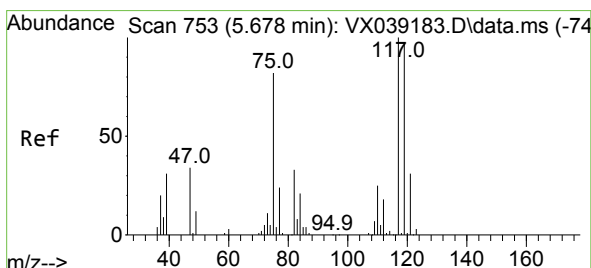
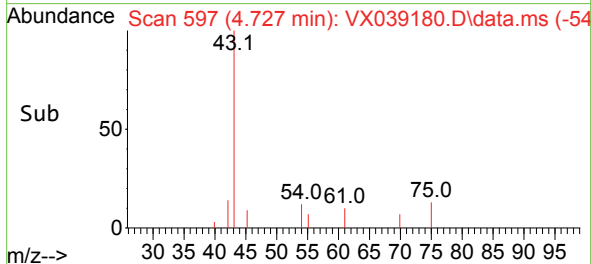
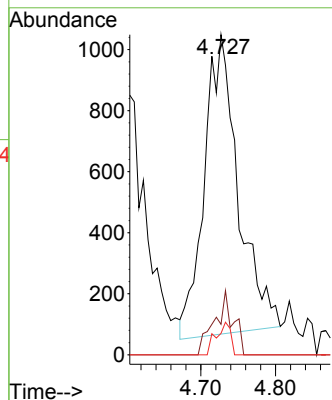
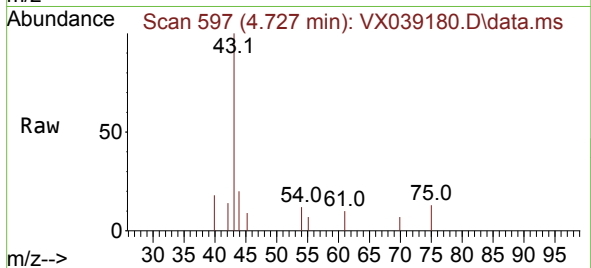
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43	Resp: 3086
Ion Ratio	Lower Upper
43 100	
61 11.8	10.6 16.0
70 4.6	8.3 12.5



#38

Carbon Tetrachloride

Concen: 0.952 ug/l

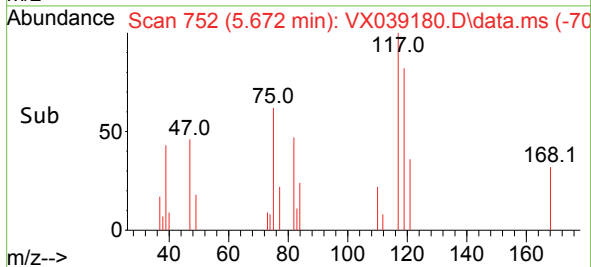
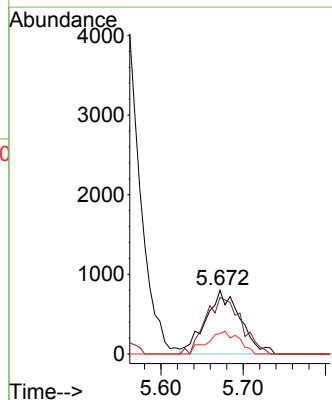
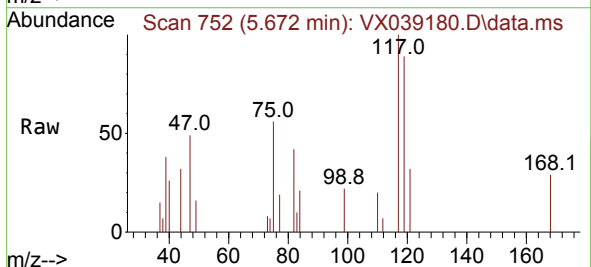
RT: 5.672 min Scan# 752

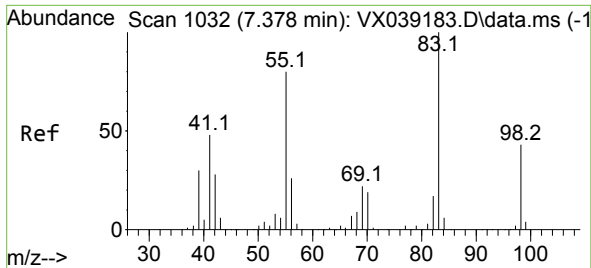
Delta R.T. -0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion: 117	Resp: 2336
Ion Ratio	Lower Upper
117 100	
119 89.2	78.2 117.2
121 31.8	24.4 36.6

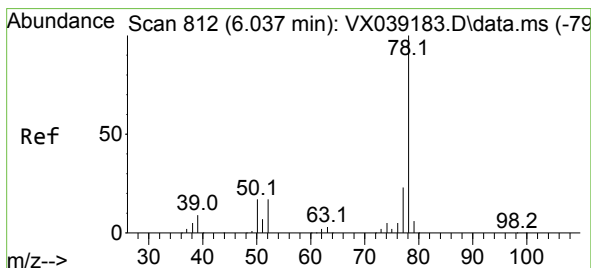
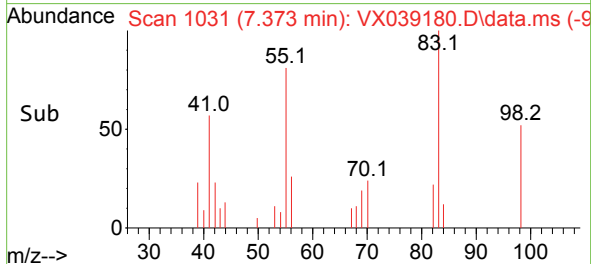
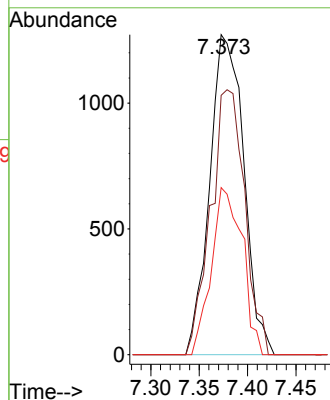
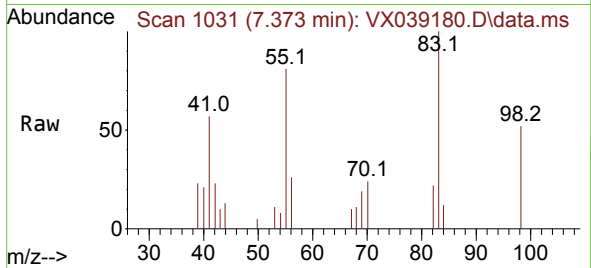




#39
Methylcyclohexane
Concen: 1.009 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

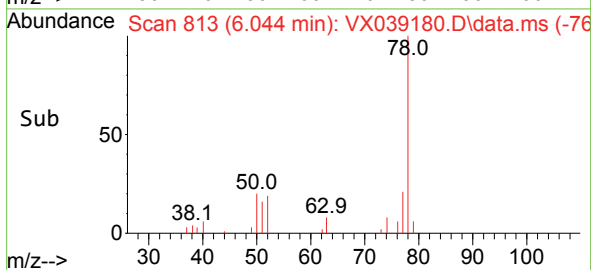
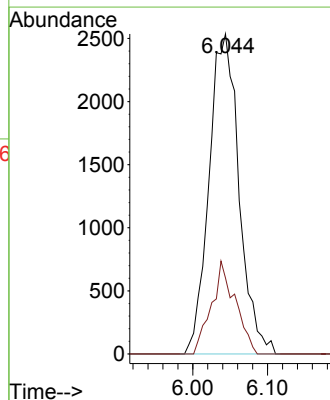
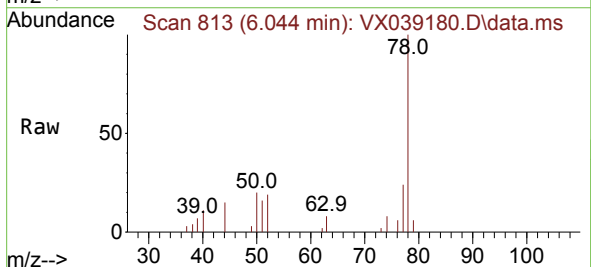
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

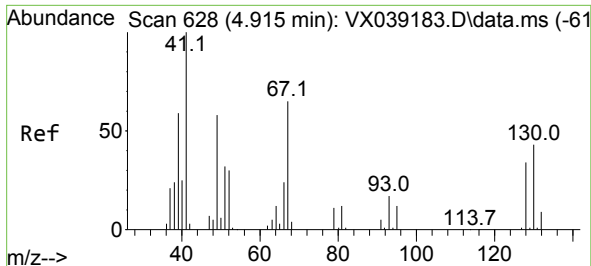
Tgt Ion: 83 Resp: 3117
Ion Ratio Lower Upper
83 100
55 81.1 64.6 97.0
98 52.2 36.7 55.1



#40
Benzene
Concen: 0.970 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 78 Resp: 7059
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

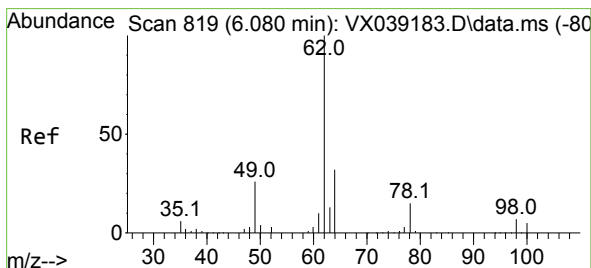
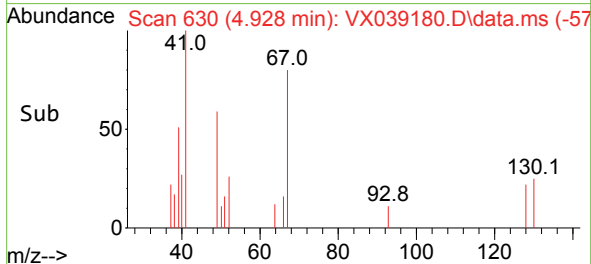
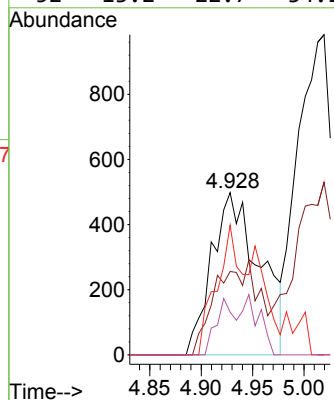
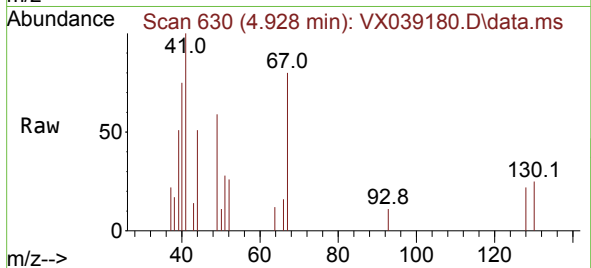




#41
Methacrylonitrile
Concen: 0.950 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

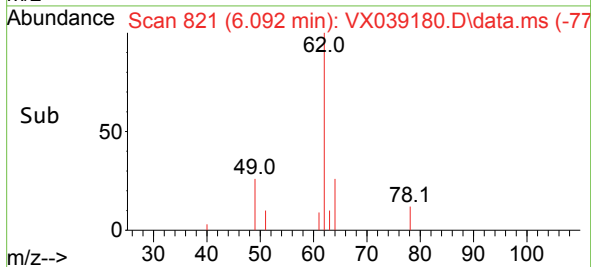
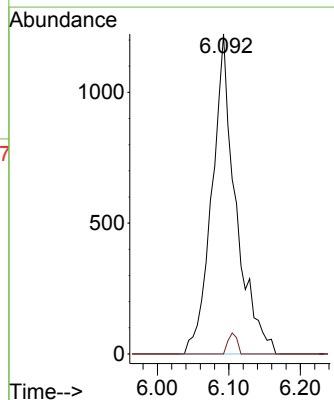
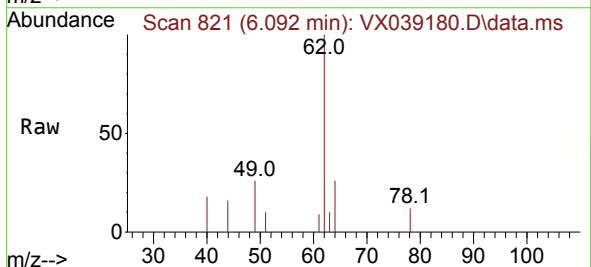
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

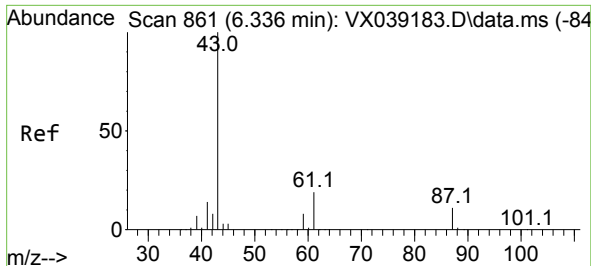
Tgt Ion:	41	Resp:	1610
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	44.7	52.6	78.8#
52	13.2	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.960 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:	62	Resp:	2827
Ion	Ratio	Lower	Upper
62	100		
98	2.5	0.0	16.0

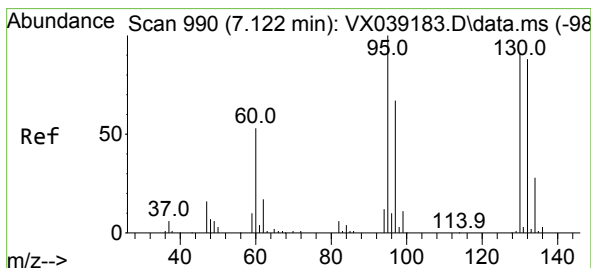
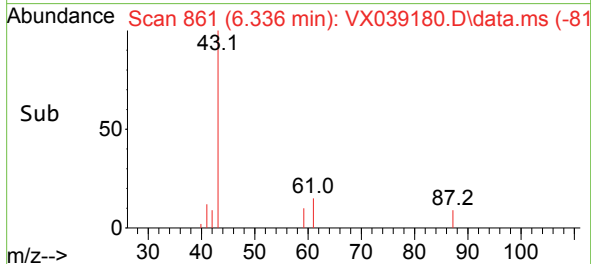
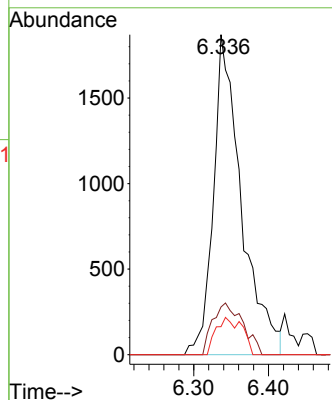
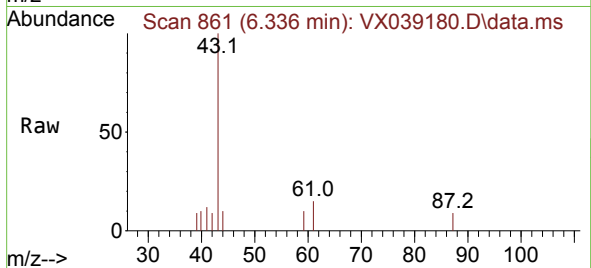




#43
Isopropyl Acetate
Concen: 0.942 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

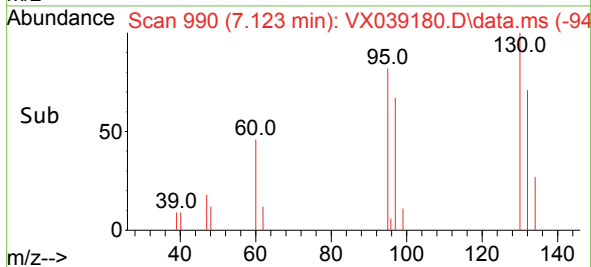
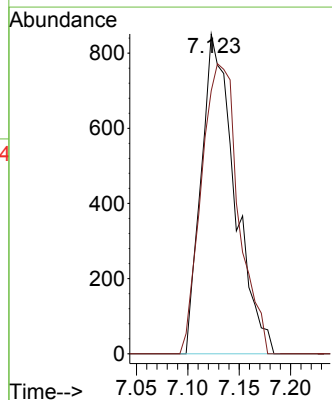
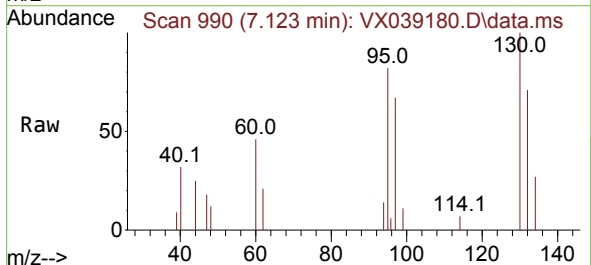
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 4865
Ion Ratio Lower Upper
43 100
61 17.4 15.2 22.8
87 10.8 9.8 14.6



#44
Trichloroethene
Concen: 1.049 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 130 Resp: 1926
Ion Ratio Lower Upper
130 100
95 82.3 0.0 204.4

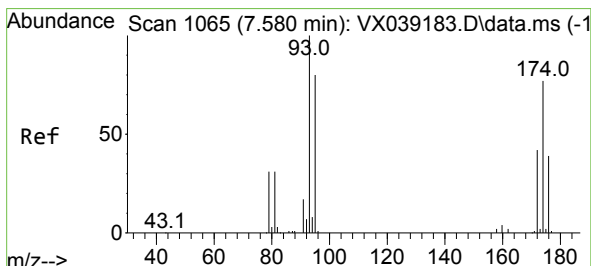
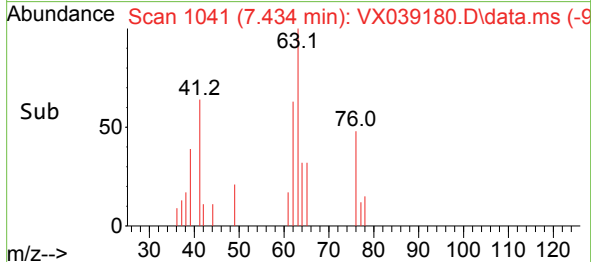
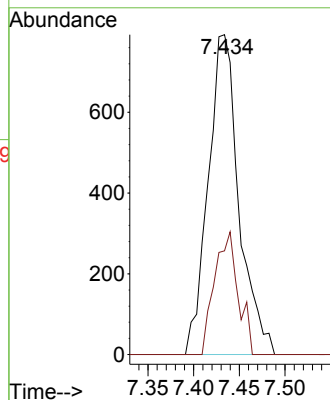
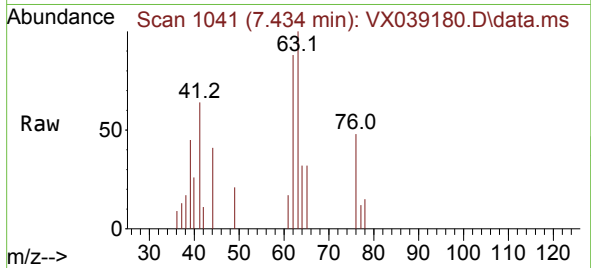




#45
1,2-Dichloropropane
Concen: 0.950 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

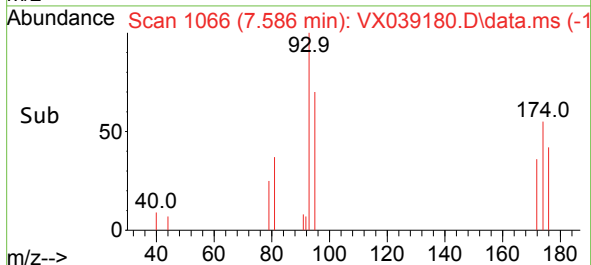
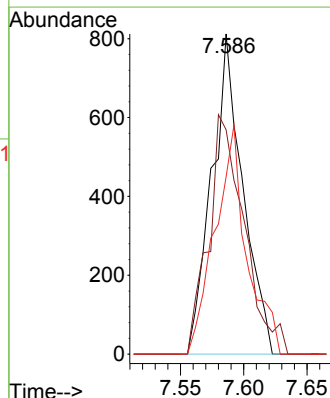
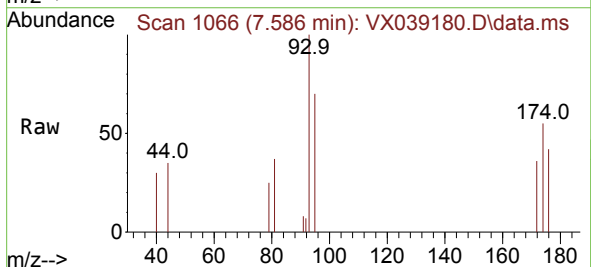
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

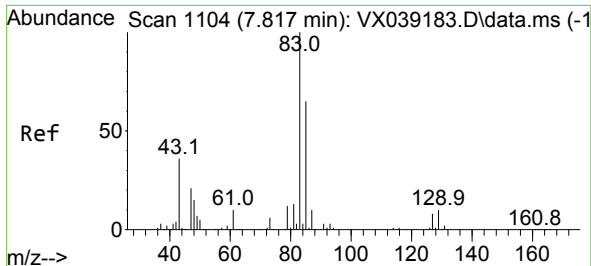
Tgt Ion: 63 Resp: 1854
Ion Ratio Lower Upper
63 100
65 32.4 24.3 36.5



#46
Dibromomethane
Concen: 1.008 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 93 Resp: 1383
Ion Ratio Lower Upper
93 100
95 86.0 66.6 100.0
174 73.1 69.4 104.0

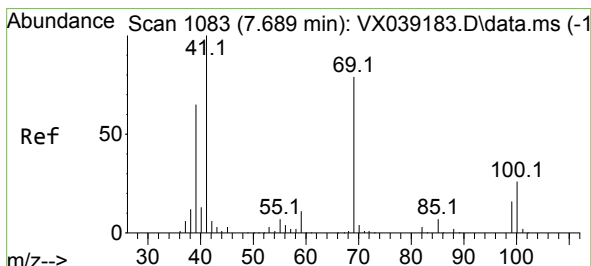
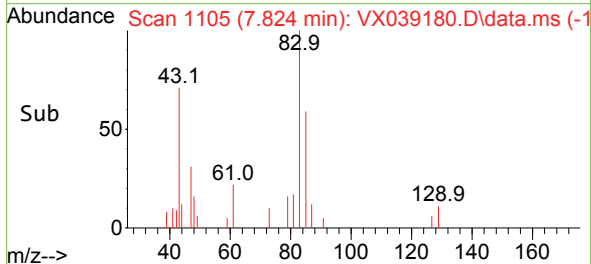
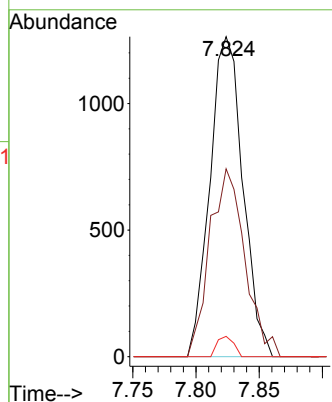
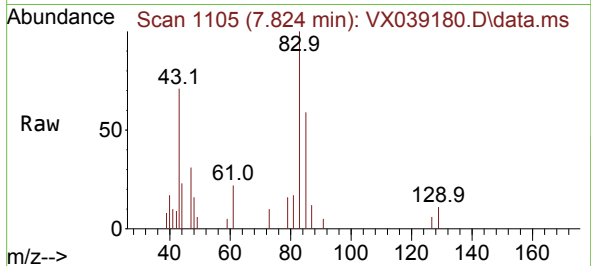




#47
Bromodichloromethane
Concen: 0.872 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

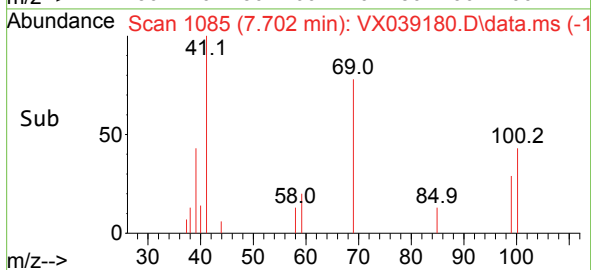
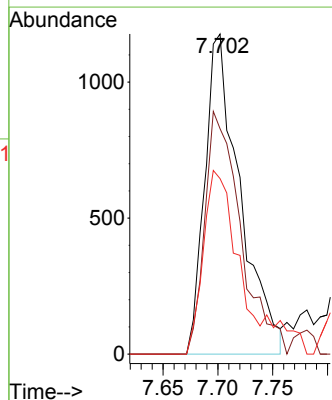
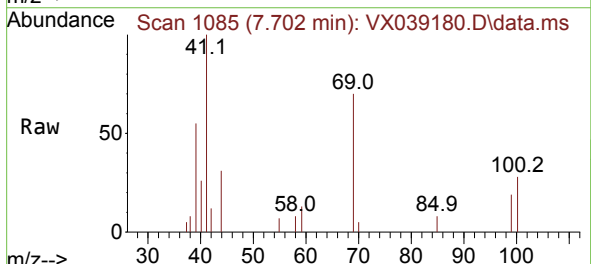
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

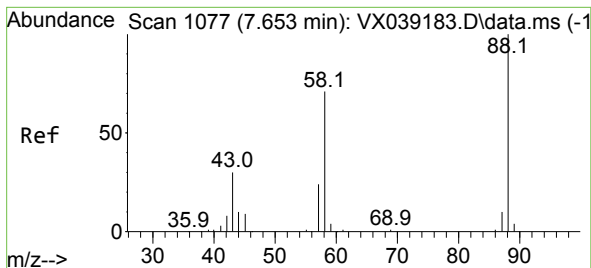
Tgt Ion: 83 Resp: 2289
Ion Ratio Lower Upper
83 100
85 58.7 49.8 74.6
127 6.3 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.866 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.013 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 41 Resp: 2615
Ion Ratio Lower Upper
41 100
69 77.6 59.2 88.8
39 54.9 47.7 71.5





#49

1,4-Dioxane

Concen: 17.440 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.019 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

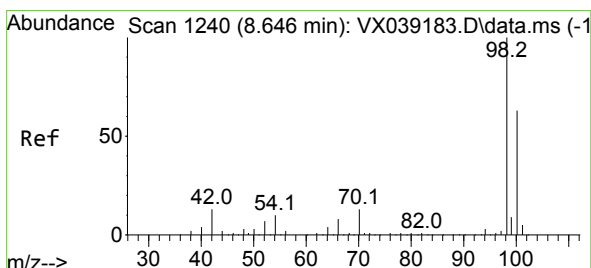
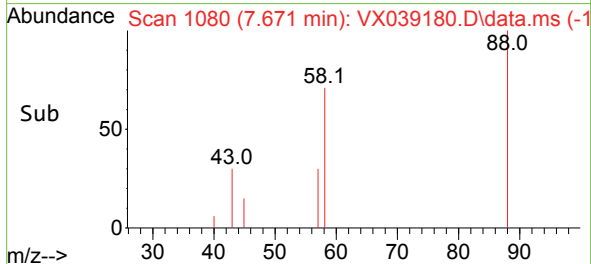
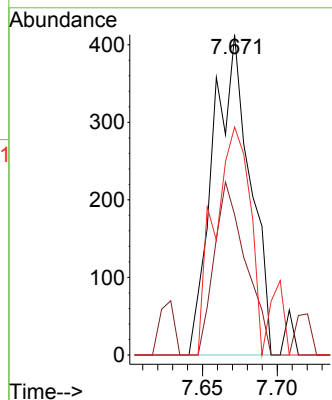
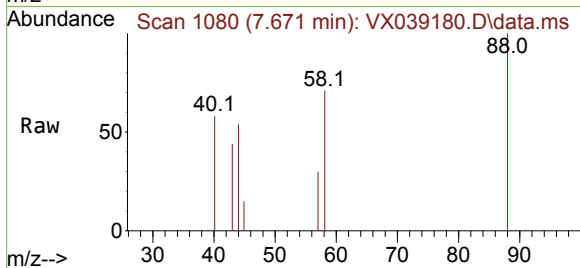
Tgt Ion: 88 Resp: 710

Ion Ratio Lower Upper

88 100

43 45.9 0.0 0.0#

58 76.2 60.1 90.1



#50

Toluene-d8

Concen: 1.166 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX039180.D

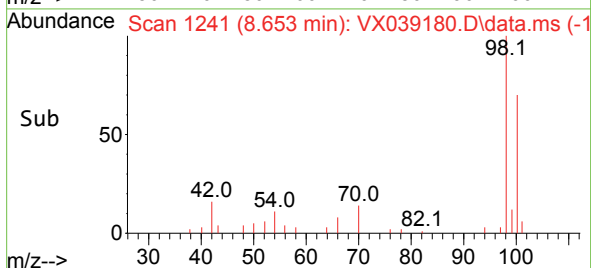
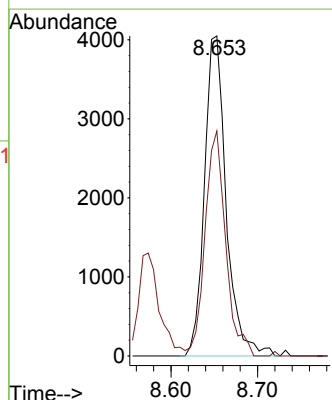
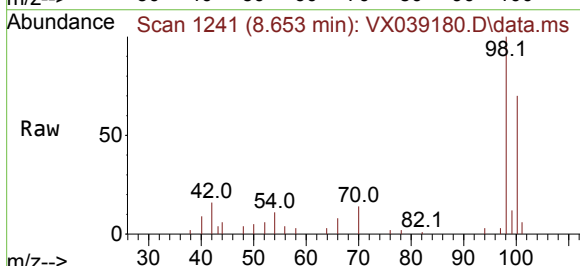
Acq: 13 Dec 2023 10:12

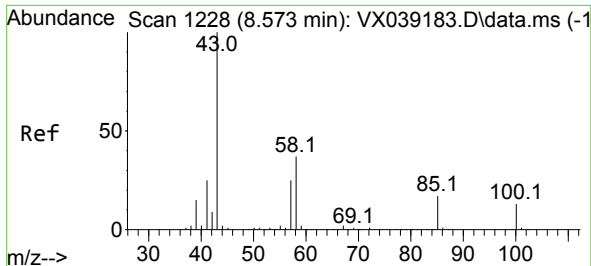
Tgt Ion: 98 Resp: 7053

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7

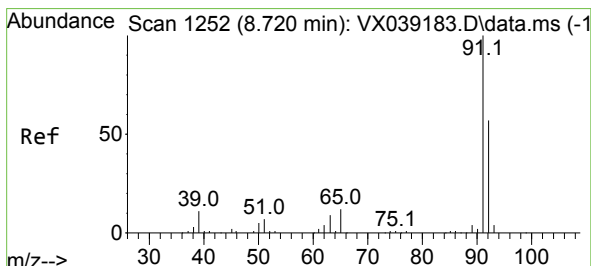
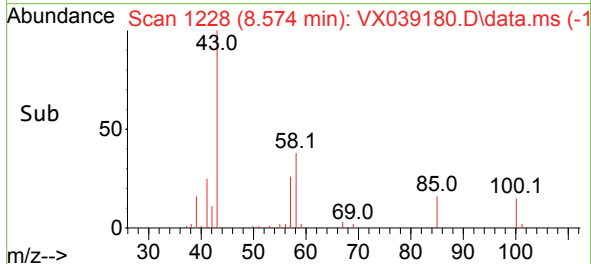
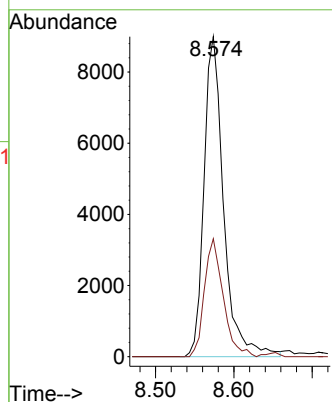
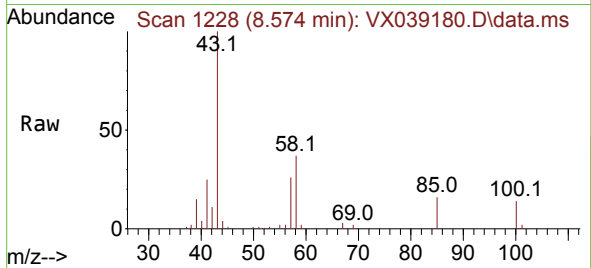




#51
4-Methyl-2-Pentanone
Concen: 4.746 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

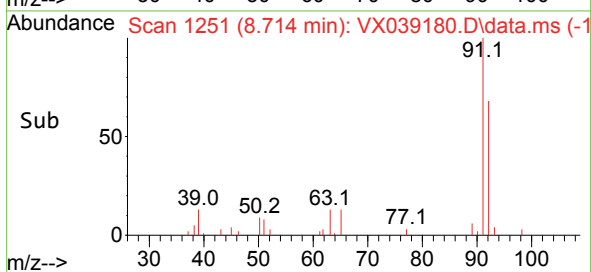
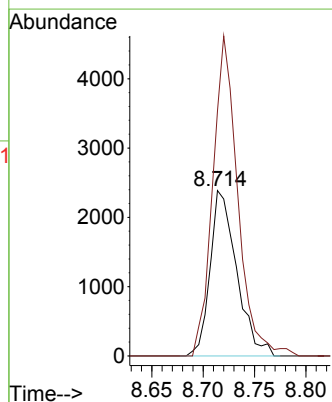
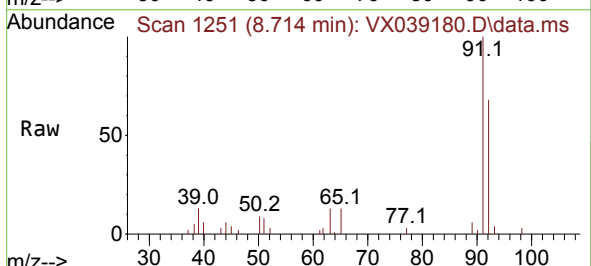
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

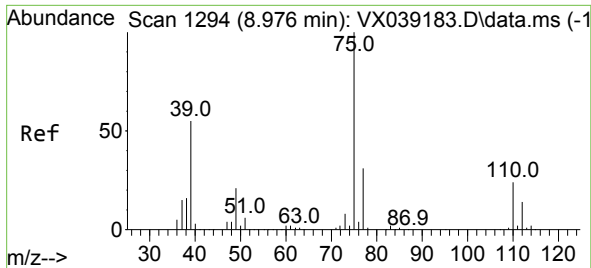
Tgt Ion: 43 Resp: 15622
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6



#52
Toluene
Concen: 0.975 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 92 Resp: 4281
Ion Ratio Lower Upper
92 100
91 182.6 134.2 201.2

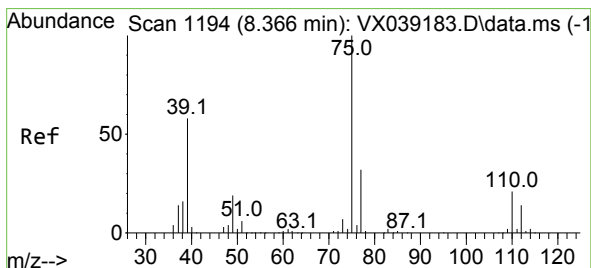
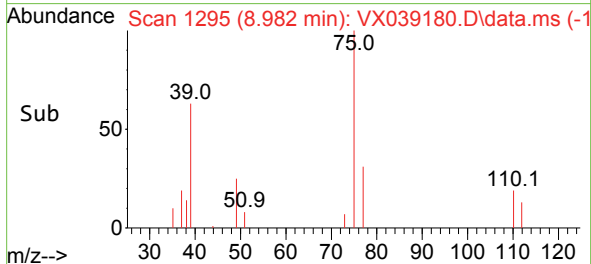
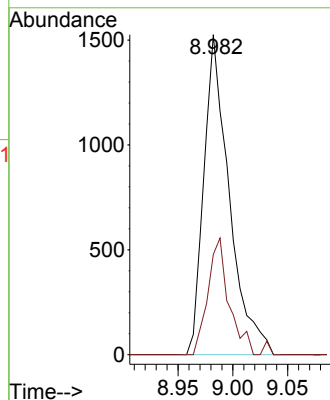
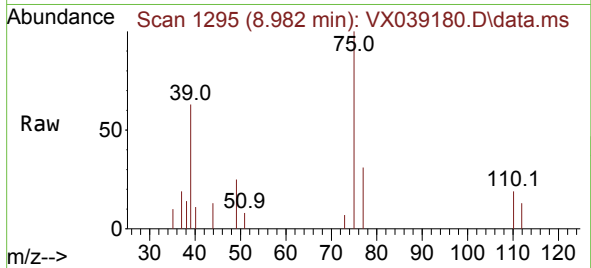




#53
 t-1,3-Dichloropropene
 Concen: 0.850 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

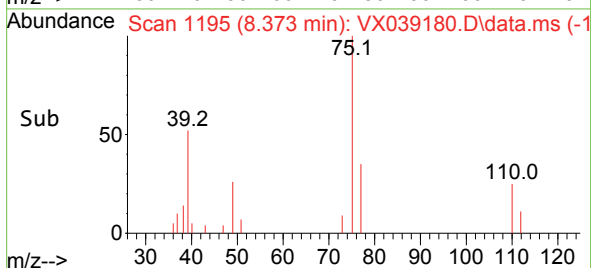
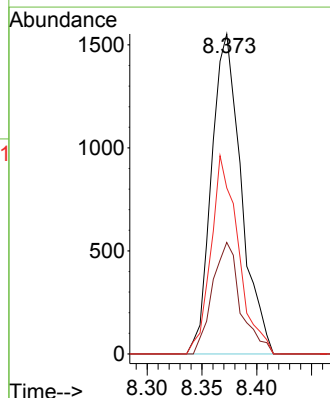
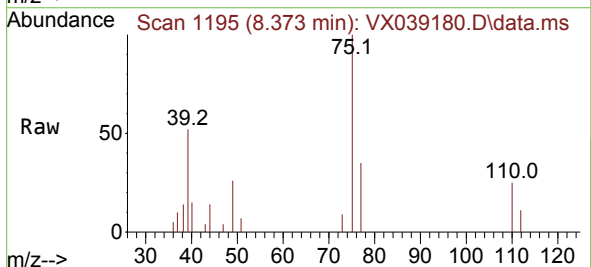
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

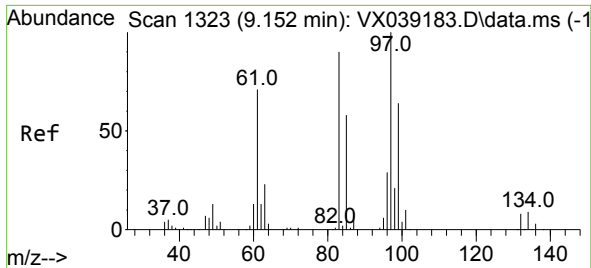
Tgt Ion: 75 Resp: 2456
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.941 ug/l
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX039180.D
 Acq: 13 Dec 2023 10:12

Tgt Ion: 75 Resp: 2926
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.3 37.9
 39 51.9 46.7 70.1

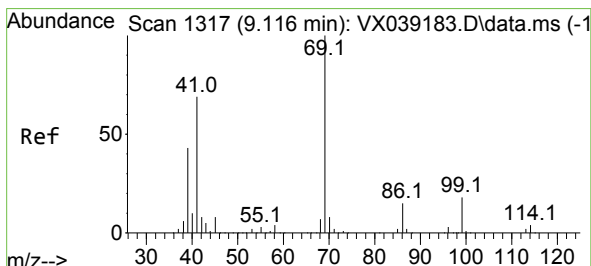
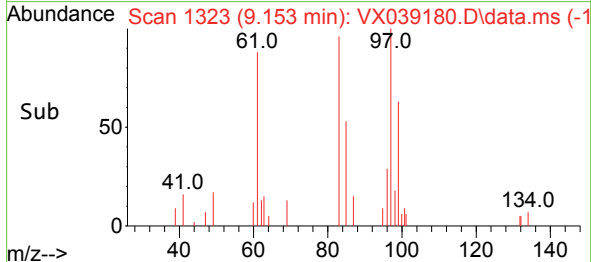
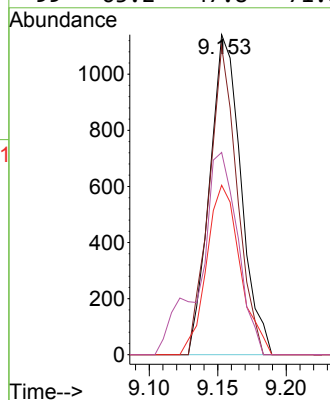
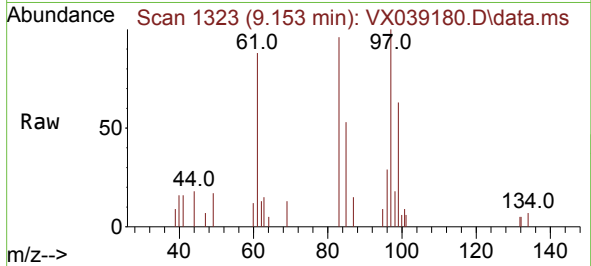




#55
1,1,2-Trichloroethane
Concen: 0.988 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

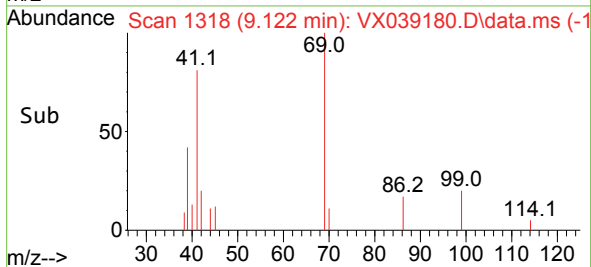
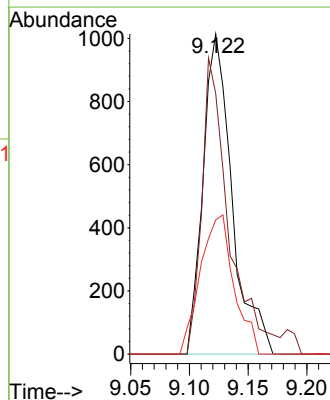
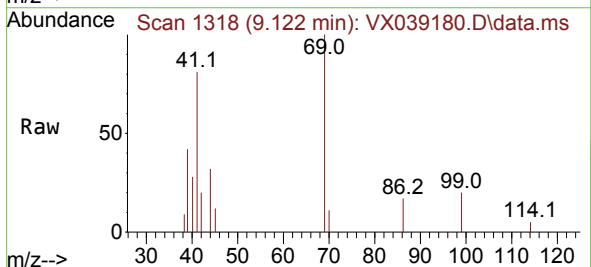
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

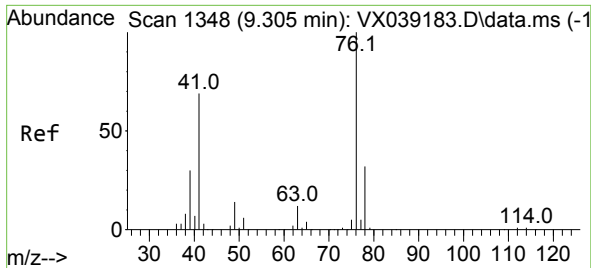
Tgt Ion:	97	Resp:	1810
Ion	Ratio	Lower	Upper
97	100		
83	96.4	65.8	98.8
85	52.9	41.6	62.4
99	63.2	47.8	71.8



#56
Ethyl methacrylate
Concen: 0.779 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:	69	Resp:	1743
Ion	Ratio	Lower	Upper
69	100		
41	86.9	56.8	85.2#
39	50.4	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 0.974 ug/l

RT: 9.305 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

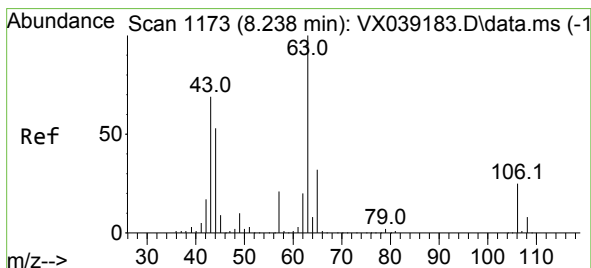
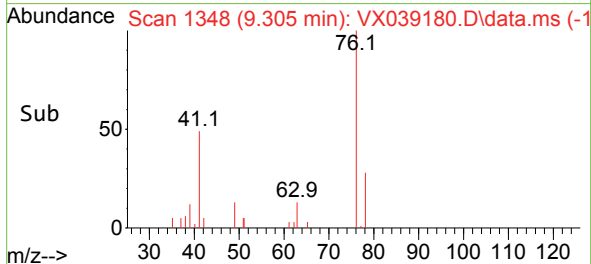
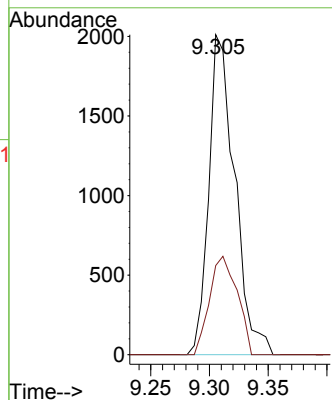
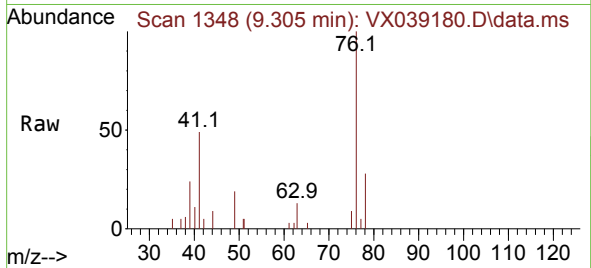
VSTDIC001

Tgt Ion: 76 Resp: 3086

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 3.725 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.013 min

Lab File: VX039180.D

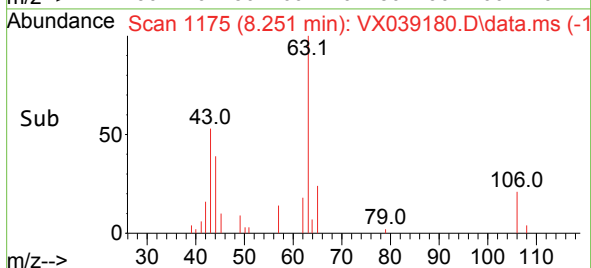
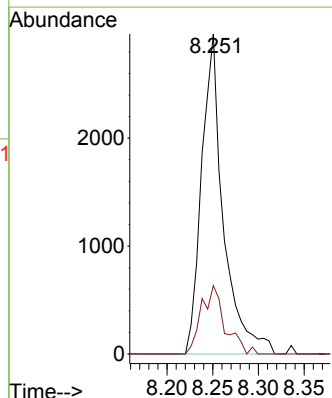
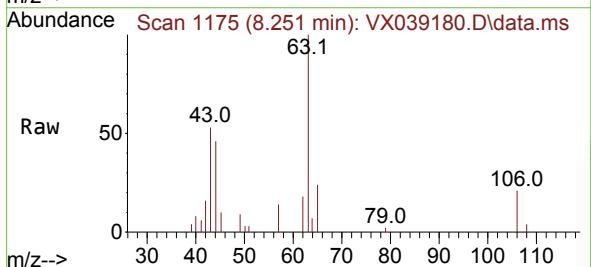
Acq: 13 Dec 2023 10:12

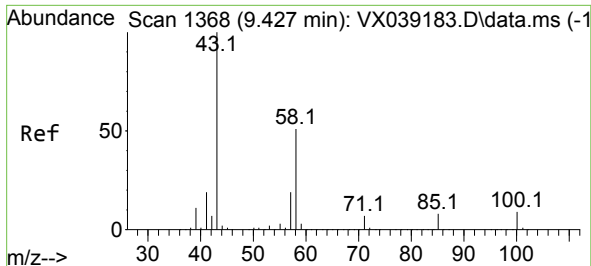
Tgt Ion: 63 Resp: 4894

Ion Ratio Lower Upper

63 100

106 23.2 22.5 33.7





#59

2-Hexanone

Concen: 4.801 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

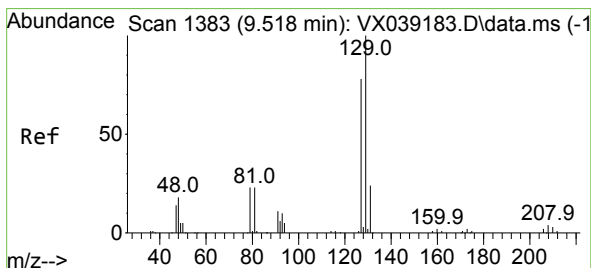
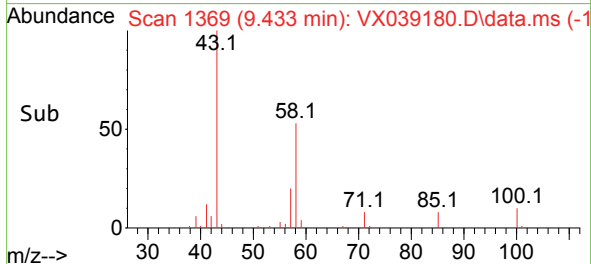
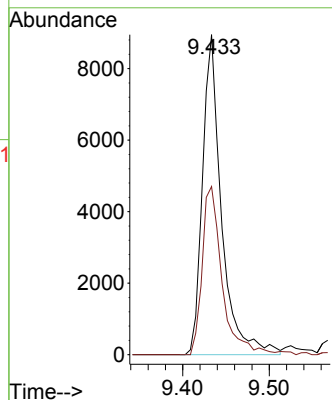
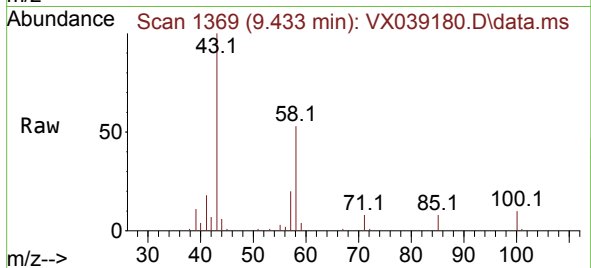
VSTDIC001

Tgt Ion: 43 Resp: 13637

Ion Ratio Lower Upper

43 100

58 54.9 26.2 78.5



#60

Dibromochloromethane

Concen: 0.907 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX039180.D

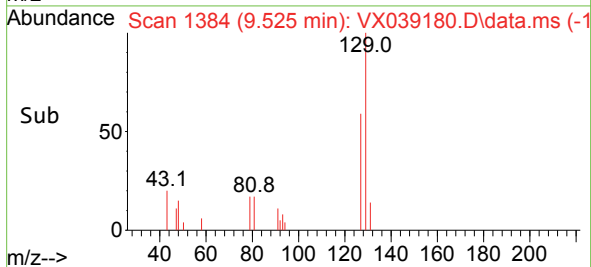
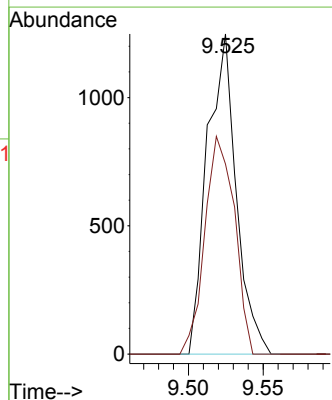
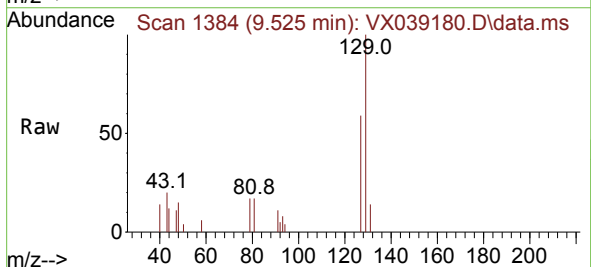
Acq: 13 Dec 2023 10:12

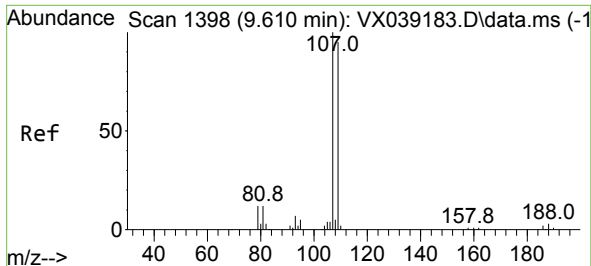
Tgt Ion: 129 Resp: 1681

Ion Ratio Lower Upper

129 100

127 69.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.946 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

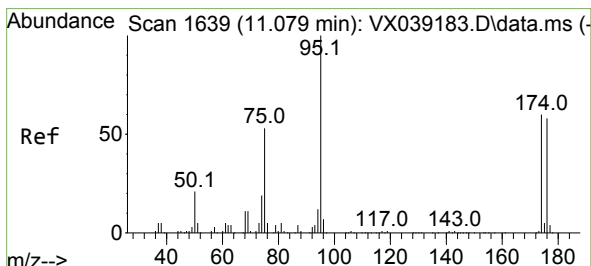
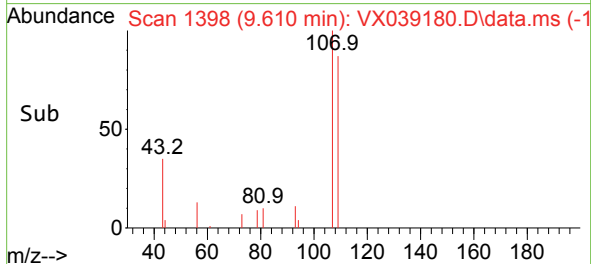
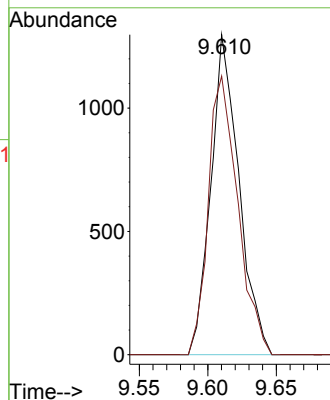
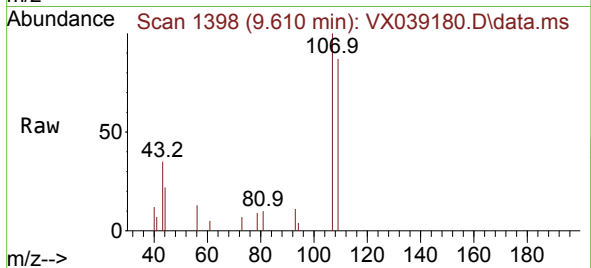
VSTDIC001

Tgt Ion:107 Resp: 1850

Ion Ratio Lower Upper

107 100

109 91.6 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 1.216 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

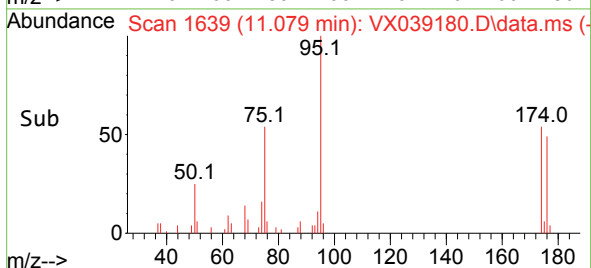
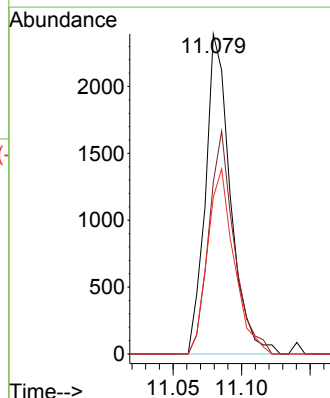
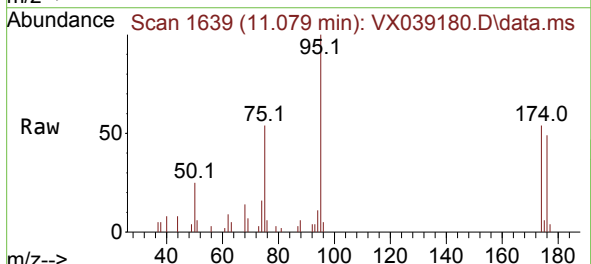
Tgt Ion: 95 Resp: 3036

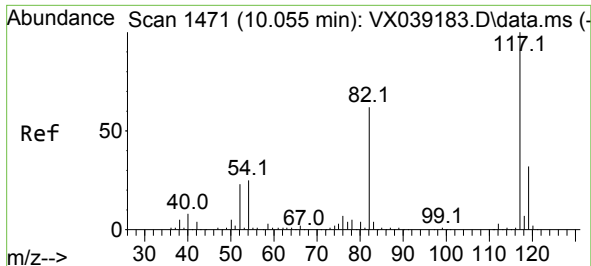
Ion Ratio Lower Upper

95 100

174 70.4 0.0 135.6

176 61.3 0.0 131.0

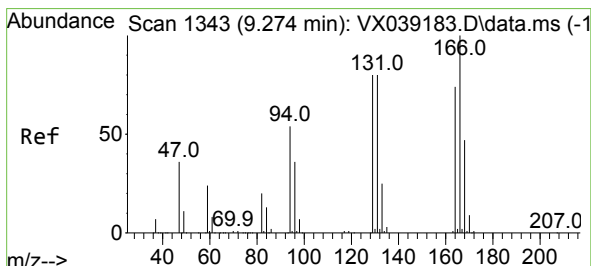
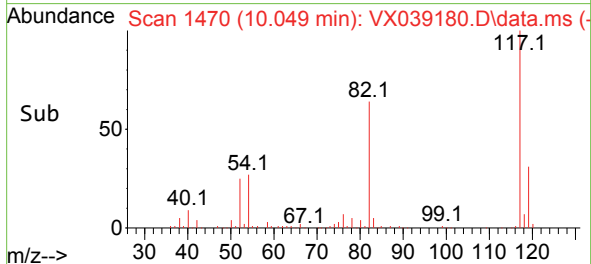
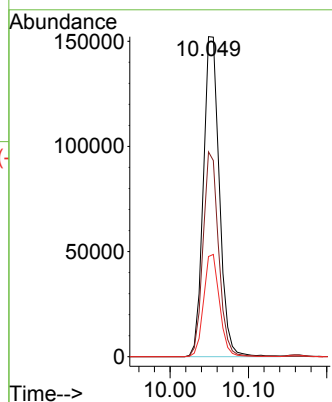
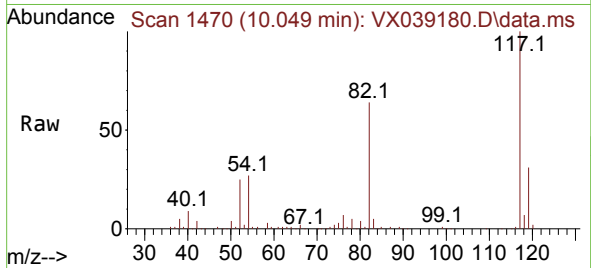




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

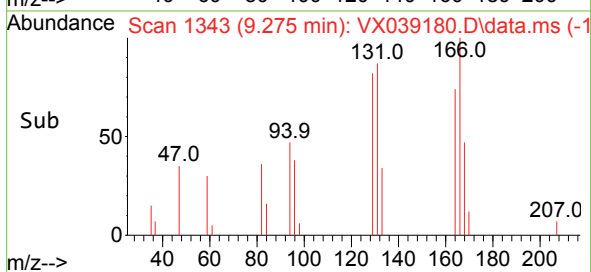
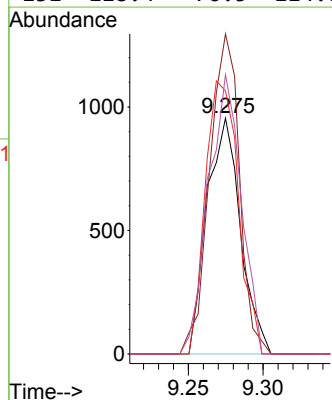
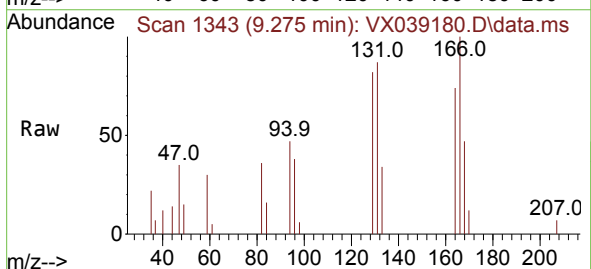
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

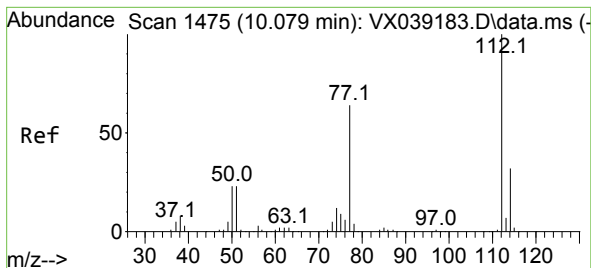
Tgt Ion:117 Resp: 216315
Ion Ratio Lower Upper
117 100
82 64.0 46.2 69.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.053 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:164 Resp: 1489
Ion Ratio Lower Upper
164 100
166 135.7 102.7 154.1
129 111.5 80.4 120.6
131 118.4 76.5 114.7#





#65

Chlorobenzene

Concen: 1.067 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

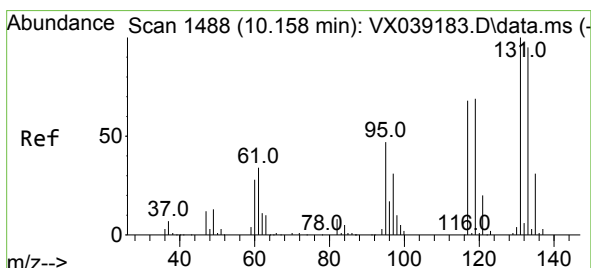
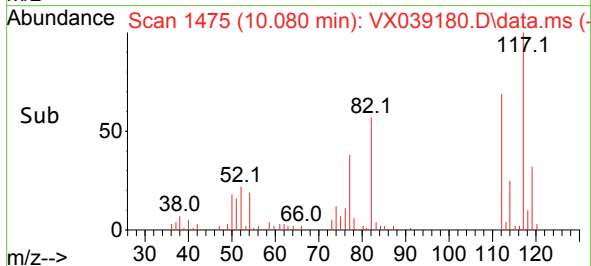
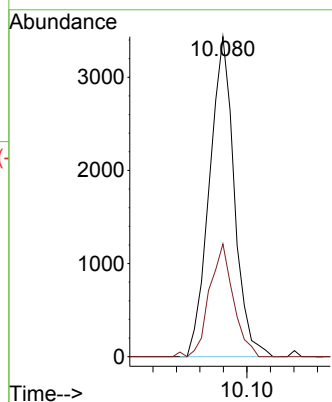
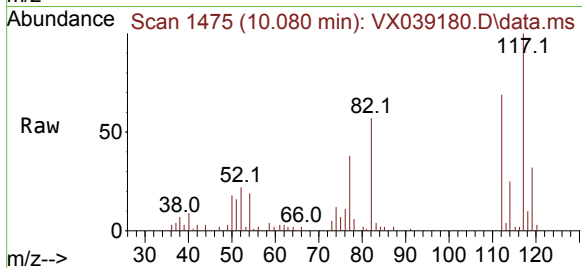
VSTDIC001

Tgt Ion:112 Resp: 5040

Ion Ratio Lower Upper

112 100

114 35.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.949 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

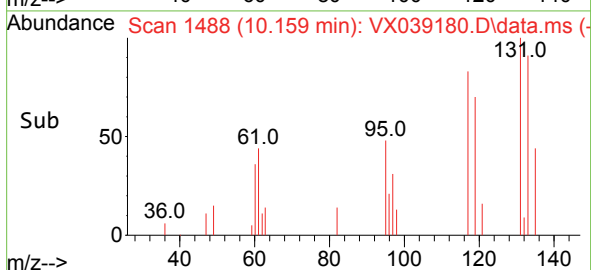
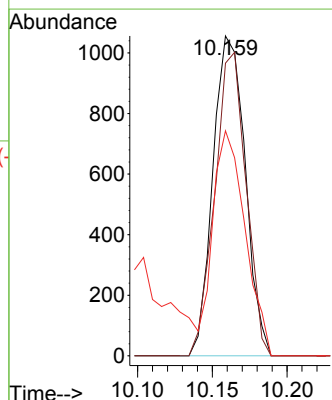
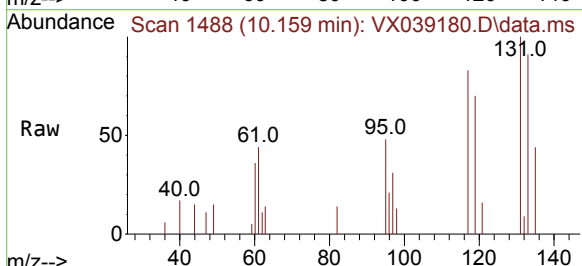
Tgt Ion:131 Resp: 1582

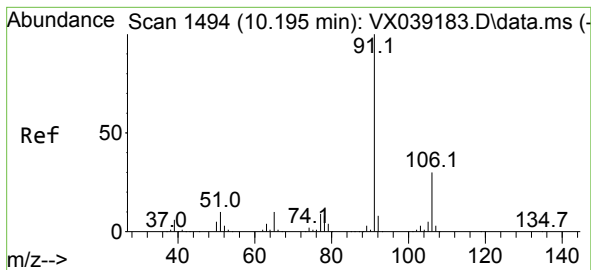
Ion Ratio Lower Upper

131 100

133 92.1 47.1 141.4

119 0.0 32.2 96.6#

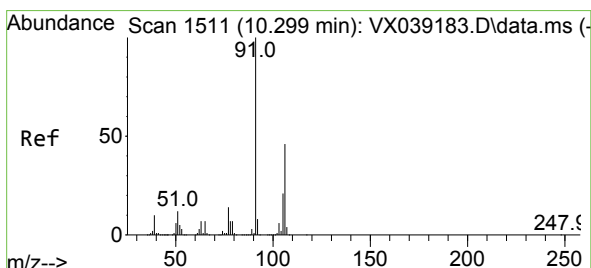
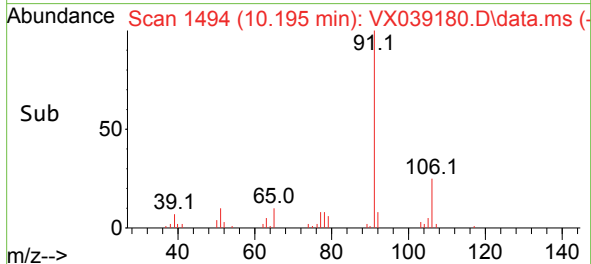
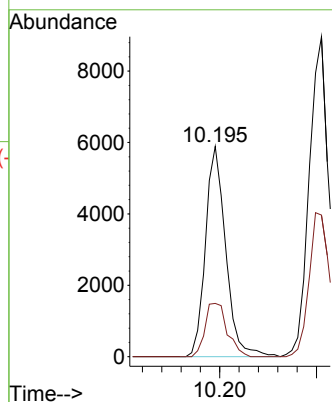
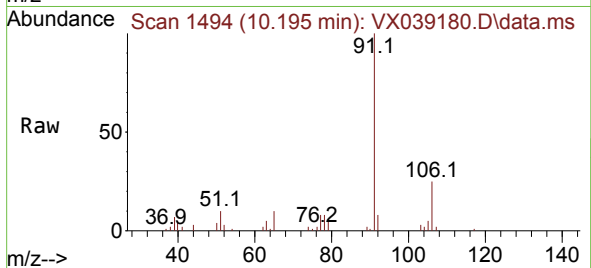




#67
Ethyl Benzene
Concen: 0.975 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

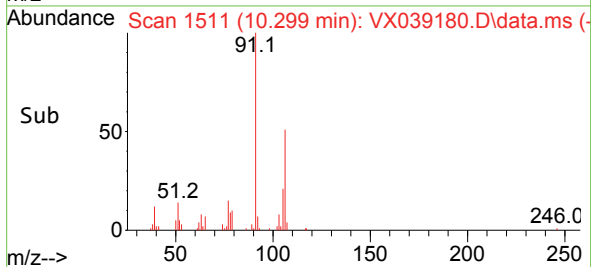
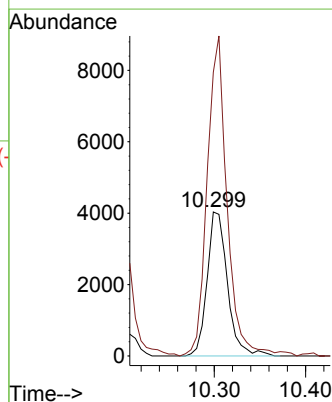
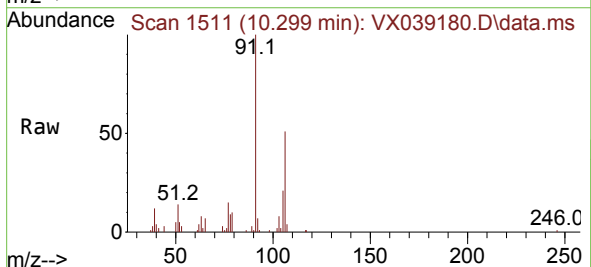
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

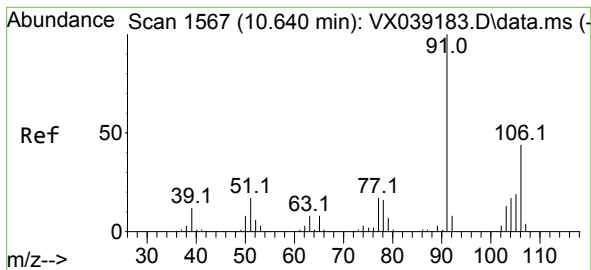
Tgt Ion: 91 Resp: 8568
Ion Ratio Lower Upper
91 100
106 25.3 24.9 37.3



#68
m/p-Xylenes
Concen: 1.978 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 106 Resp: 6232
Ion Ratio Lower Upper
106 100
91 217.1 165.5 248.3





#69

o-Xylene

Concen: 0.973 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

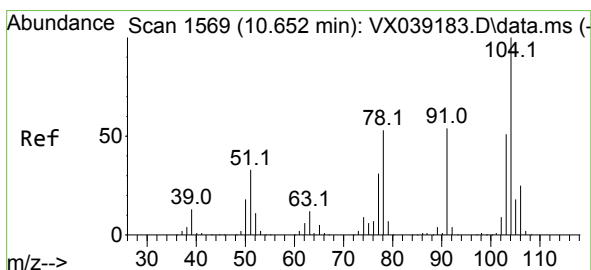
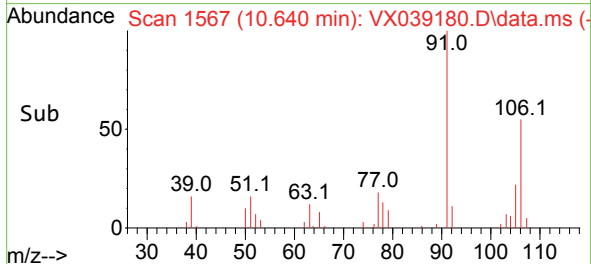
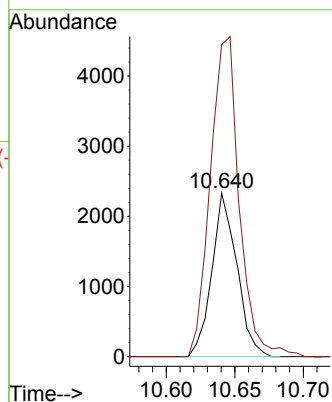
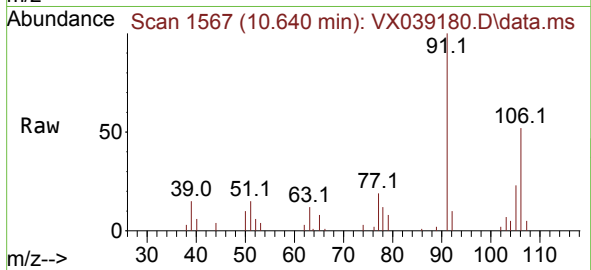
VSTDIC001

Tgt Ion:106 Resp: 2965

Ion Ratio Lower Upper

106 100

91 225.8 108.9 326.8



#70

Styrene

Concen: 0.853 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

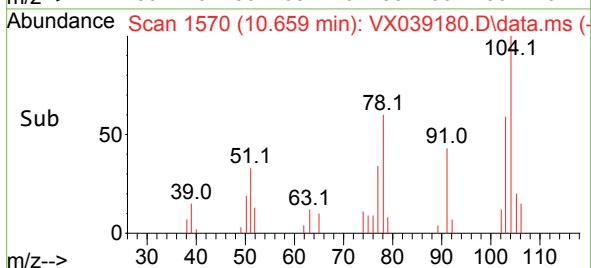
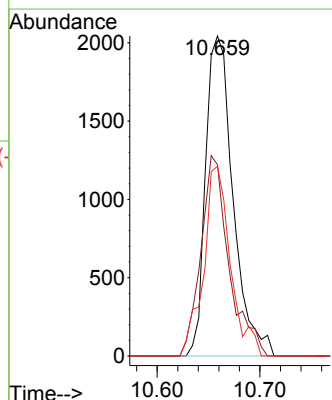
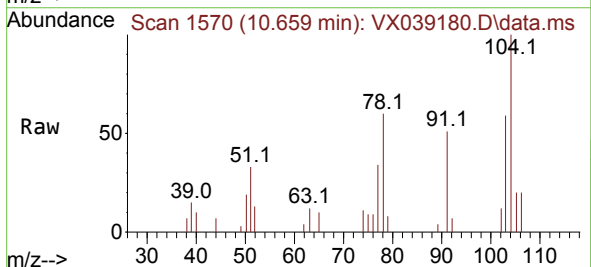
Tgt Ion:104 Resp: 3800

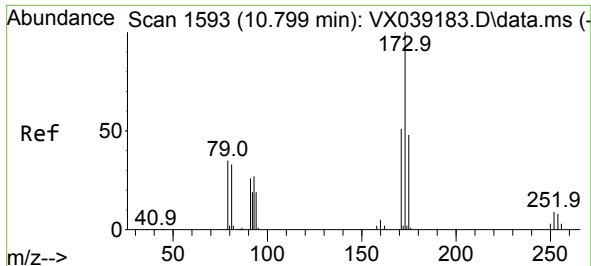
Ion Ratio Lower Upper

104 100

78 64.0 43.6 65.4

103 57.9 43.6 65.4

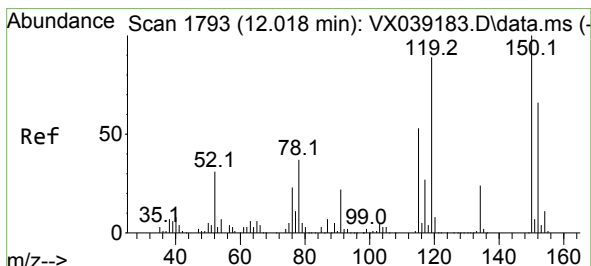
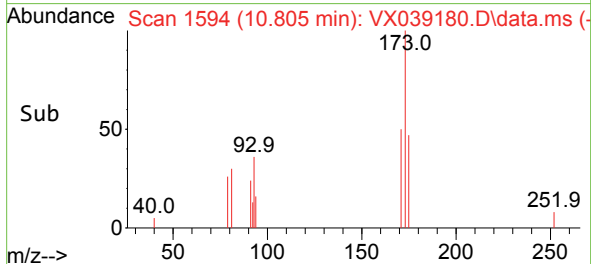
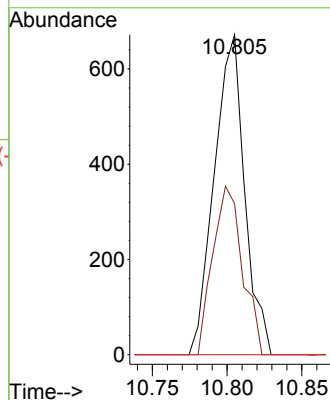
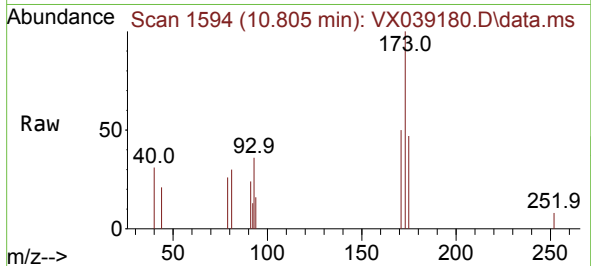




#71
Bromoform
Concen: 0.765 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

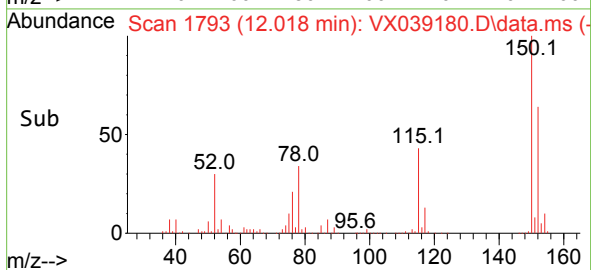
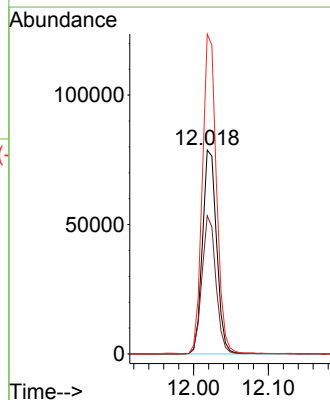
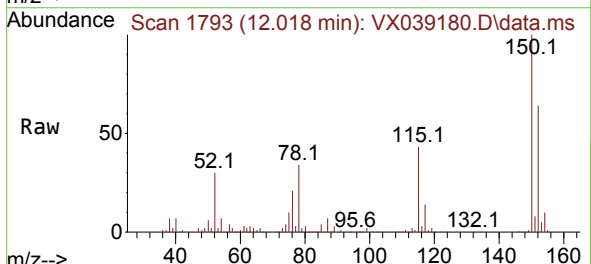
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

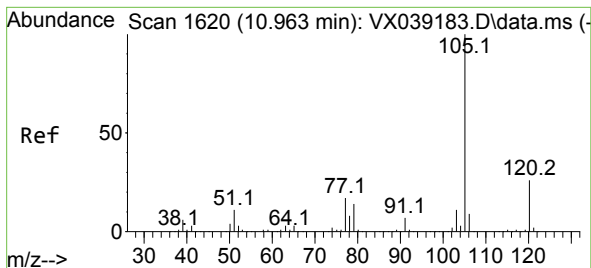
Tgt Ion:173 Resp: 948
Ion Ratio Lower Upper
173 100
175 51.5 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:152 Resp: 103860
Ion Ratio Lower Upper
152 100
115 66.8 43.3 129.9
150 156.4 0.0 345.0





#73

Isopropylbenzene

Concen: 0.967 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

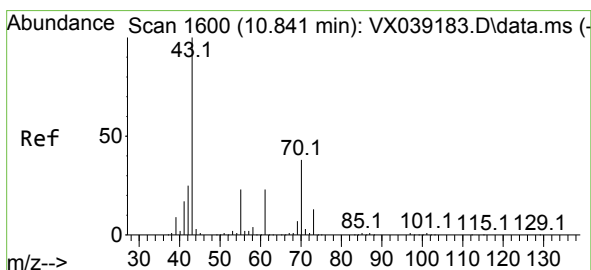
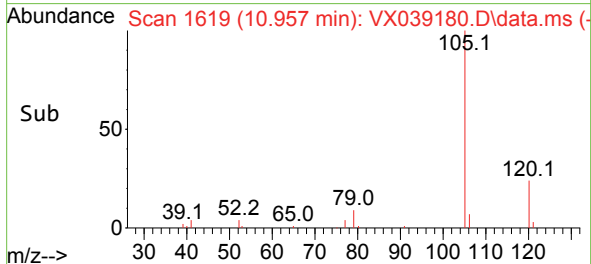
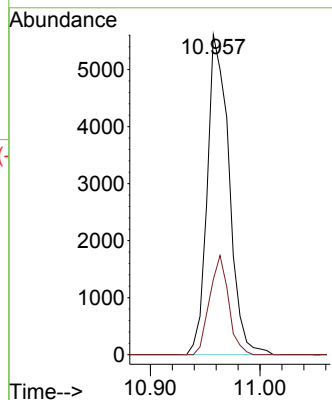
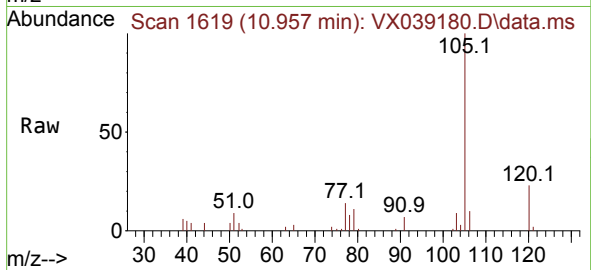
VSTDICC001

Tgt Ion:105 Resp: 7747

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#74

N-ethyl acetate

Concen: 0.823 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion: 43 Resp: 3337

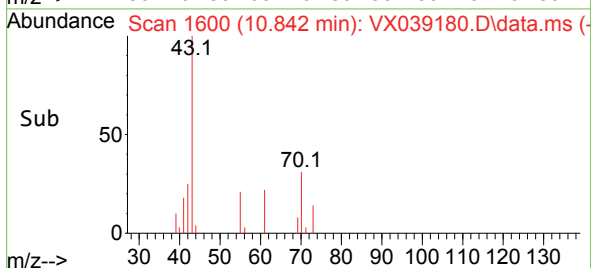
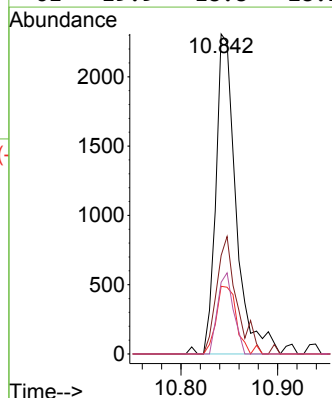
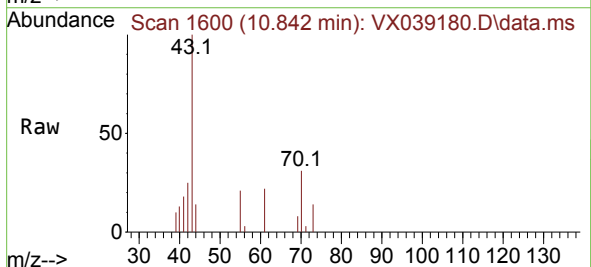
Ion Ratio Lower Upper

43 100

70 36.5 32.9 49.3

55 21.5 19.3 28.9

61 19.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.946 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

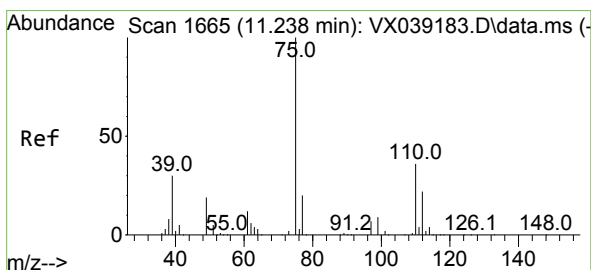
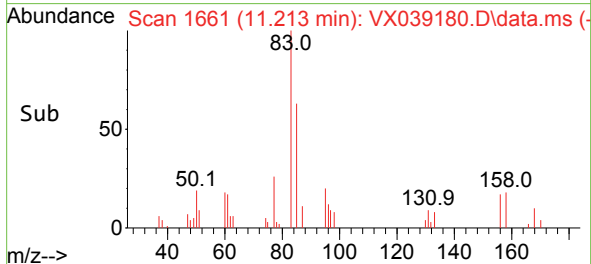
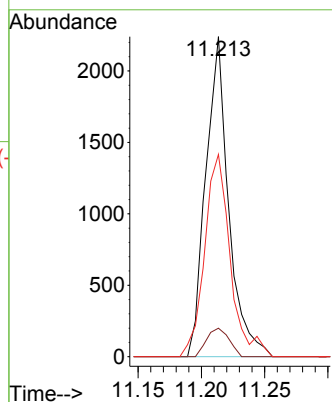
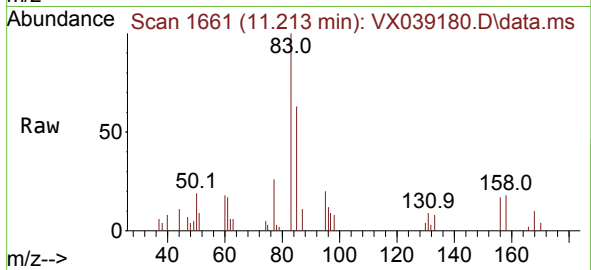
Tgt Ion: 83 Resp: 2820

Ion Ratio Lower Upper

83 100

131 8.7 5.3 15.8

85 70.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 1.217 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039180.D

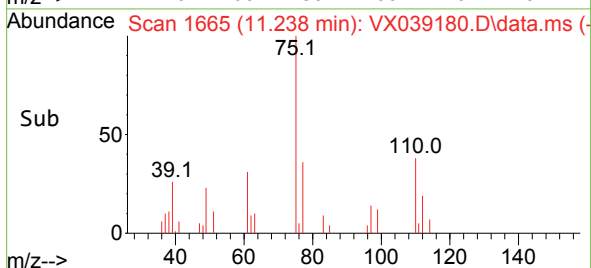
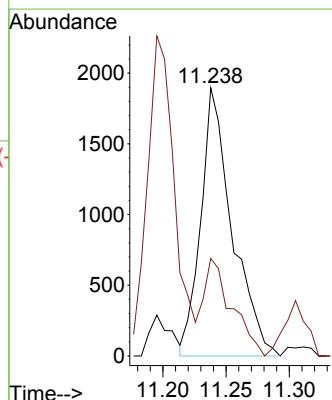
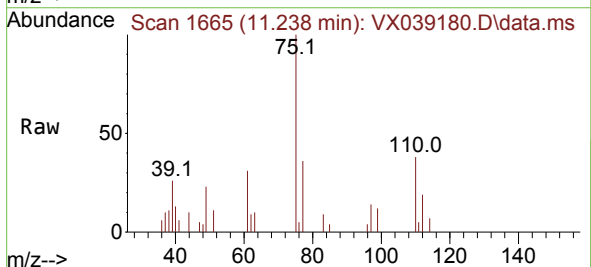
Acq: 13 Dec 2023 10:12

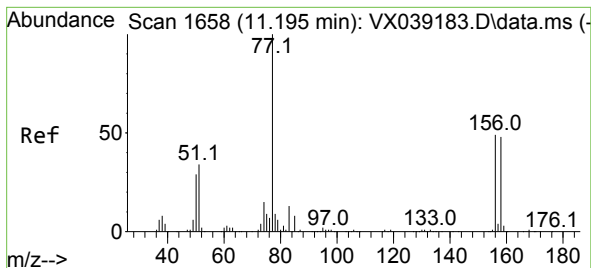
Tgt Ion: 75 Resp: 3270

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 0.937 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

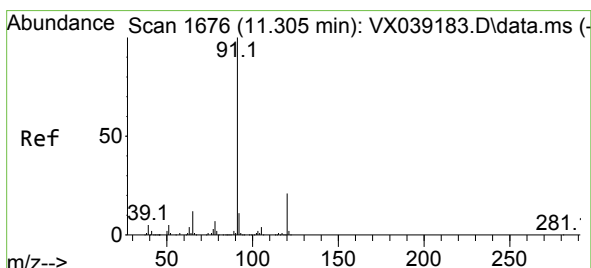
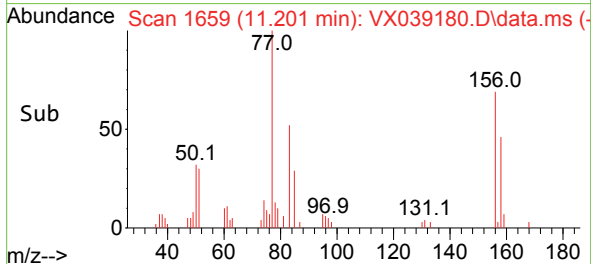
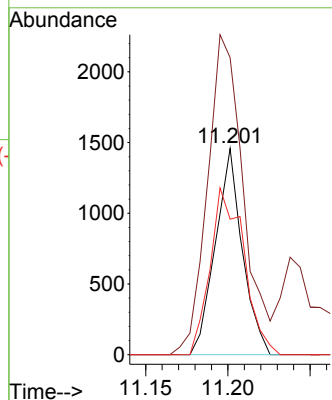
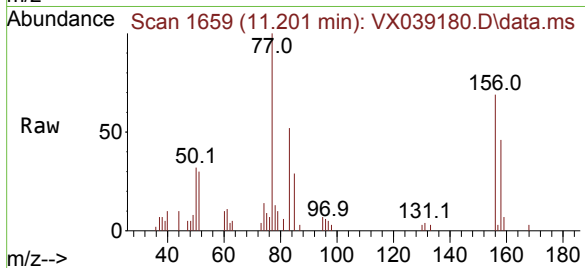
Tgt Ion:156 Resp: 1660

Ion Ratio Lower Upper

156 100

77 205.9 88.4 265.3

158 101.3 48.0 144.0



#78

n-propylbenzene

Concen: 0.963 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039180.D

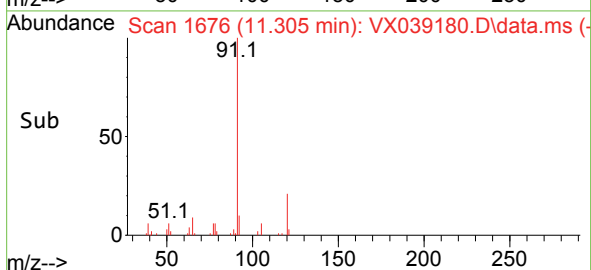
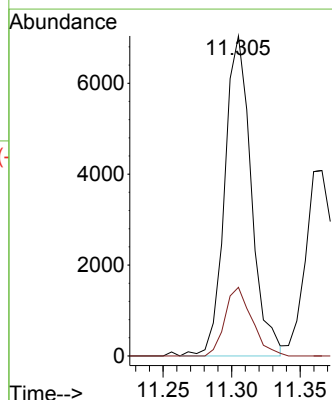
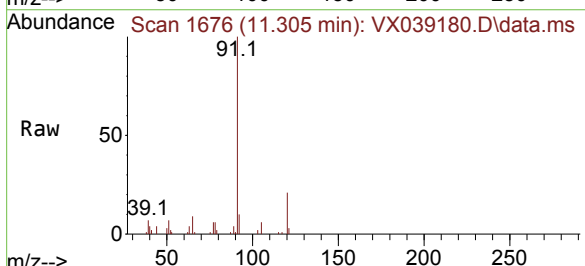
Acq: 13 Dec 2023 10:12

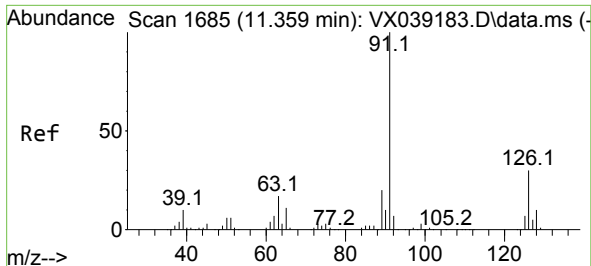
Tgt Ion: 91 Resp: 9503

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

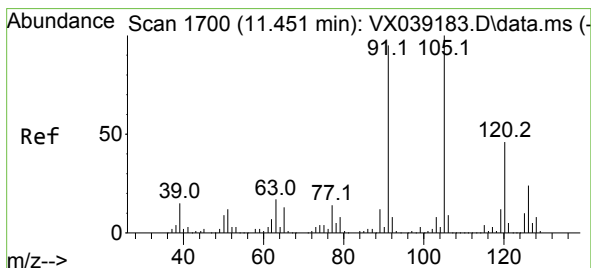
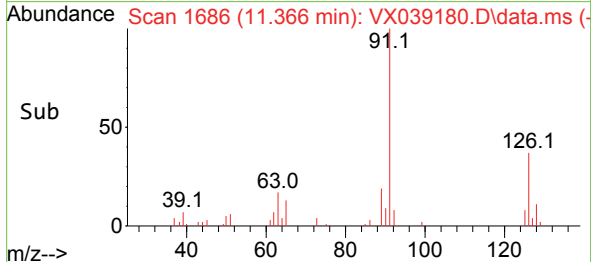
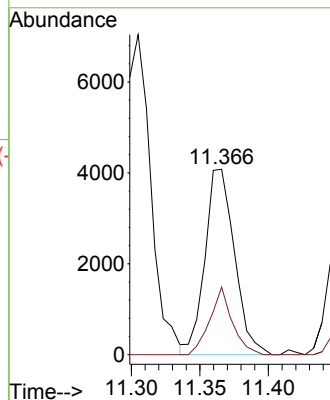
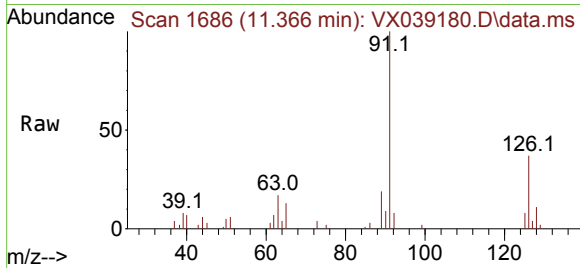




#79
2-Chlorotoluene
Concen: 1.025 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

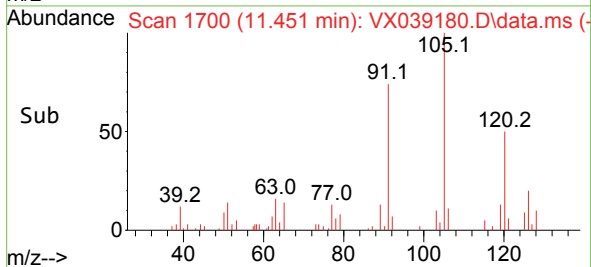
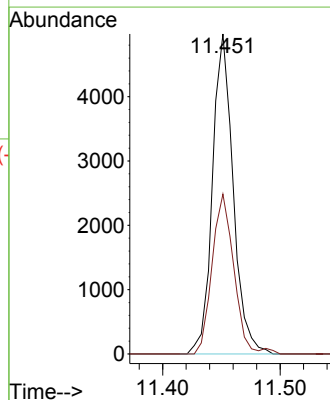
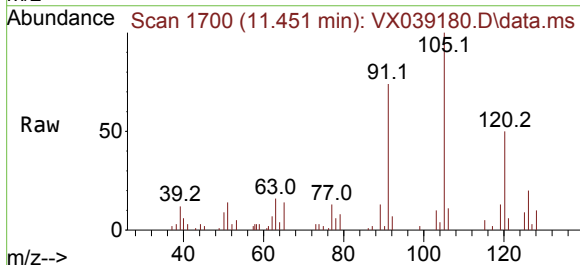
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

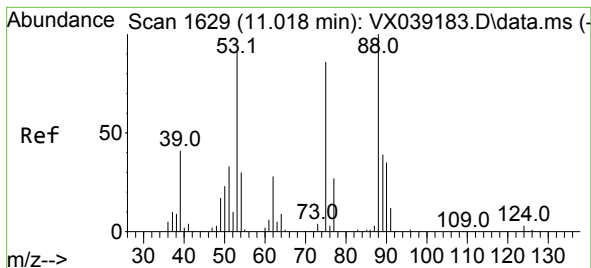
Tgt Ion: 91 Resp: 6122
Ion Ratio Lower Upper
91 100
126 27.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.893 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 105 Resp: 6094
Ion Ratio Lower Upper
105 100
120 52.7 24.1 72.3

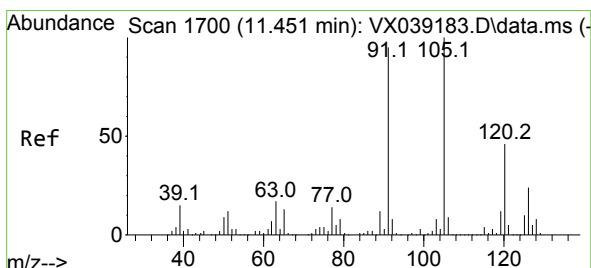
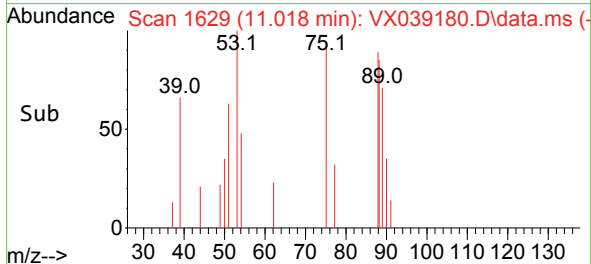
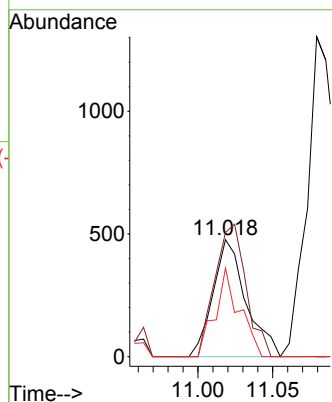
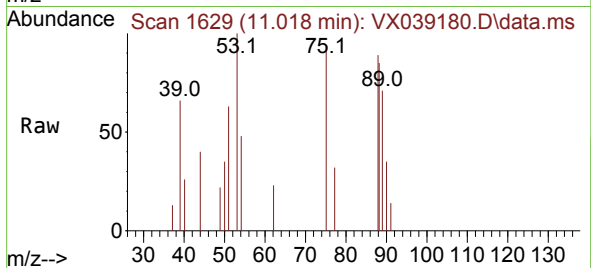




#81
trans-1,4-Dichloro-2-butene
Concen: 0.770 ug/l
RT: 11.018 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

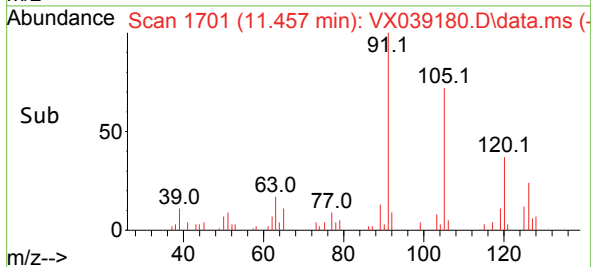
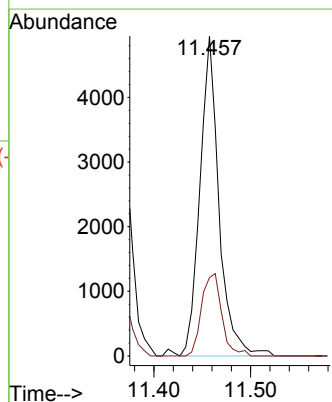
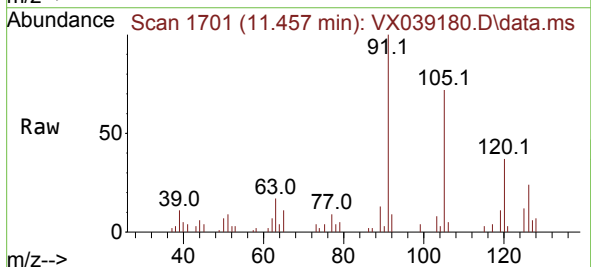
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

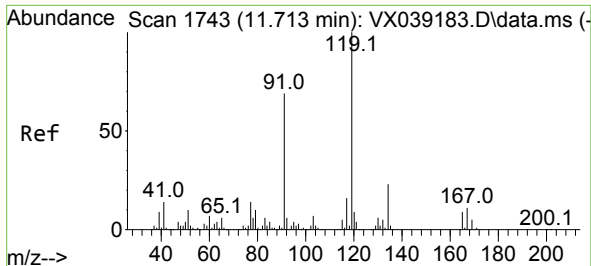
Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
53 106.8 90.5 135.7
89 55.7 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.968 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion: 91 Resp: 6787
Ion Ratio Lower Upper
91 100
126 27.3 14.2 42.6

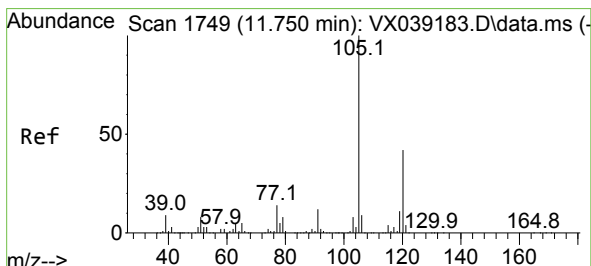
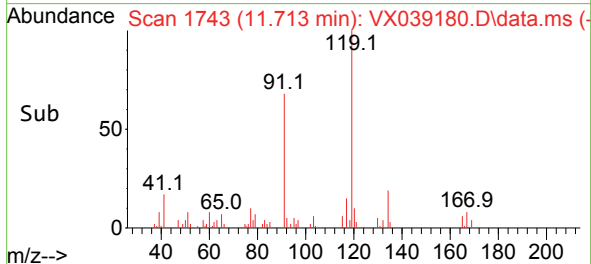
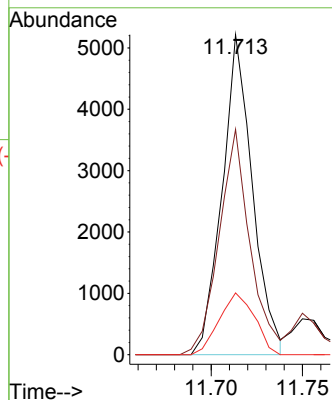
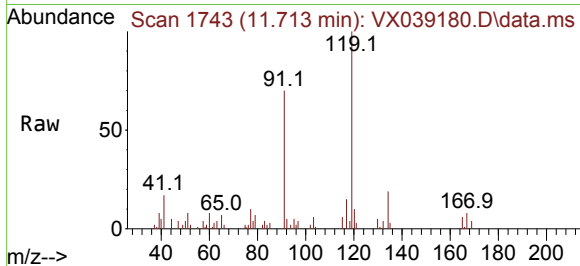




#83
tert-Butylbenzene
Concen: 0.926 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

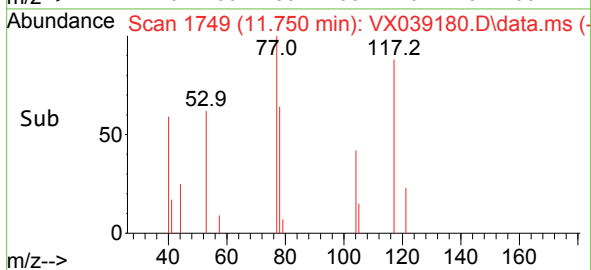
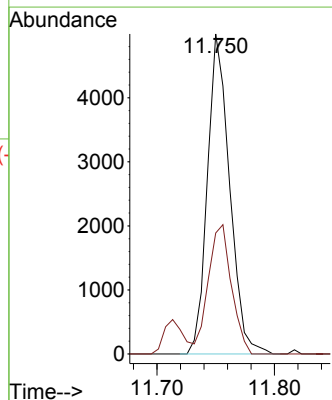
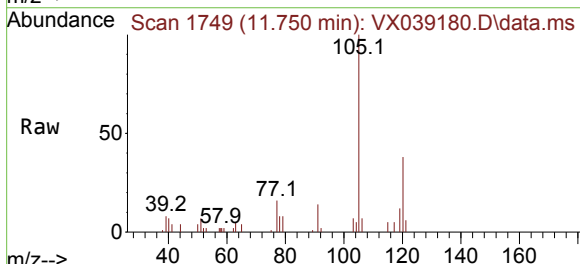
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

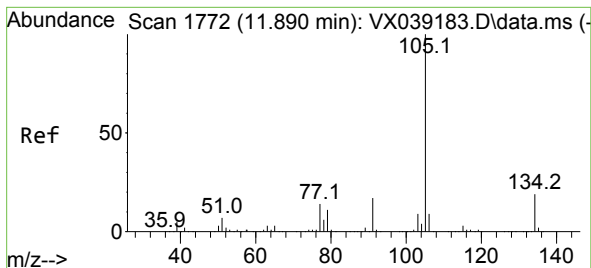
Tgt Ion:119 Resp: 6017
Ion Ratio Lower Upper
119 100
91 72.1 31.2 93.6
134 22.5 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.936 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039180.D
Acq: 13 Dec 2023 10:12

Tgt Ion:105 Resp: 6555
Ion Ratio Lower Upper
105 100
120 41.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.957 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

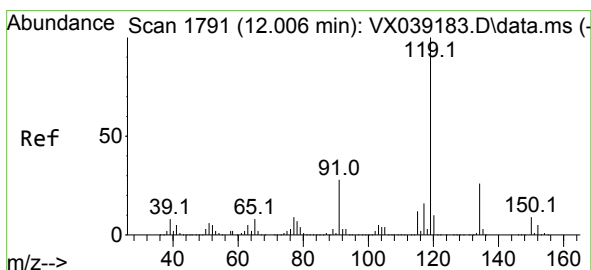
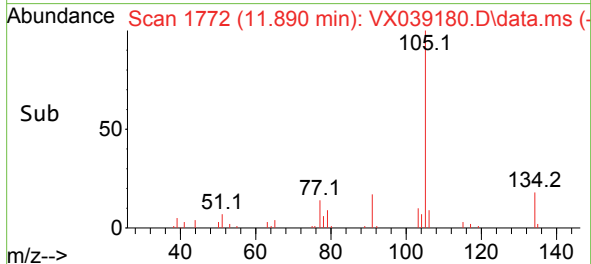
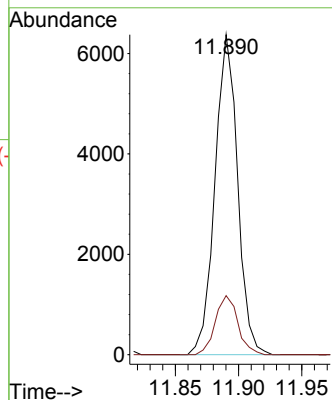
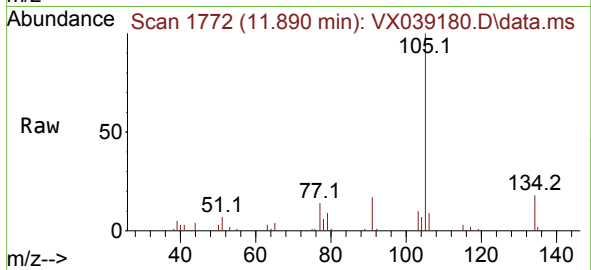
VSTDIC001

Tgt Ion:105 Resp: 7914

Ion Ratio Lower Upper

105 100

134 18.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.969 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

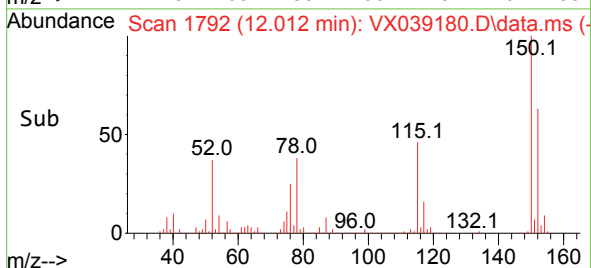
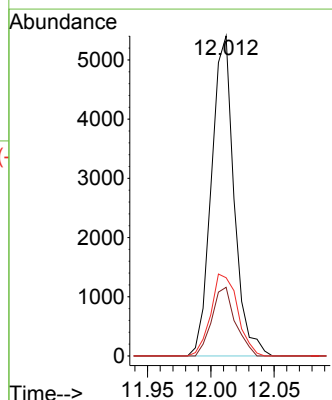
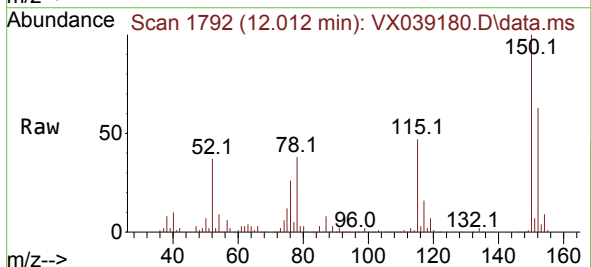
Tgt Ion:119 Resp: 6725

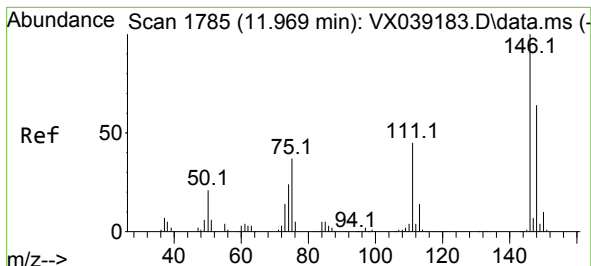
Ion Ratio Lower Upper

119 100

134 22.3 12.8 38.3

91 30.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.015 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

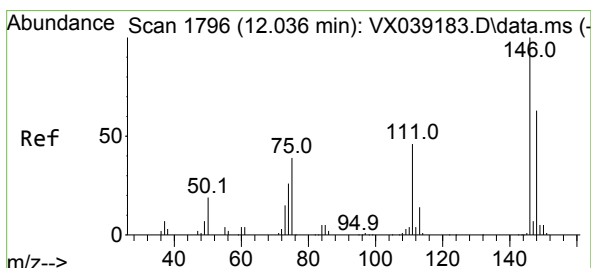
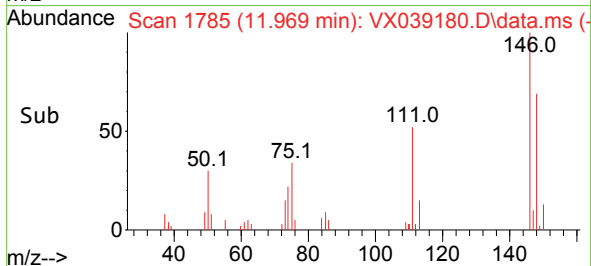
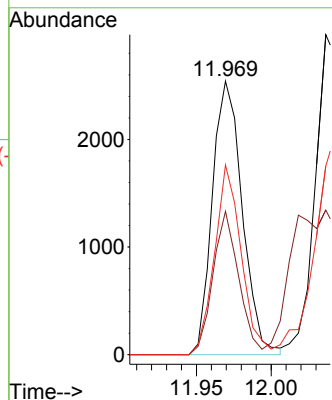
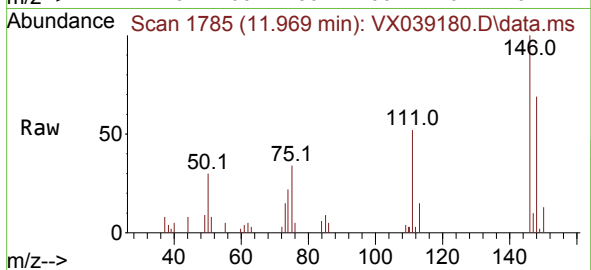
Tgt Ion:146 Resp: 3532

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.1

148 62.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.974 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.067 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

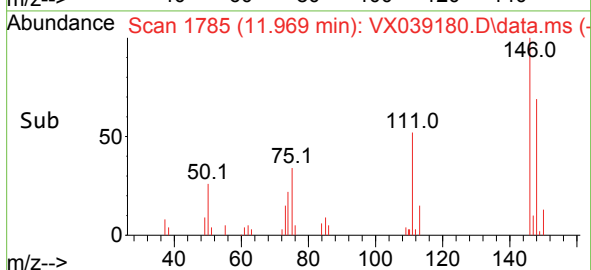
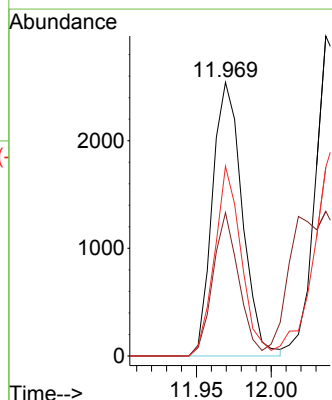
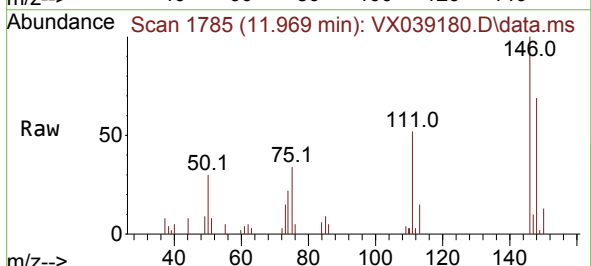
Tgt Ion:146 Resp: 3532

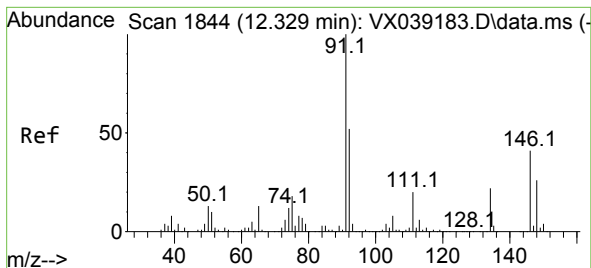
Ion Ratio Lower Upper

146 100

111 45.2 21.3 63.7

148 62.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.885 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

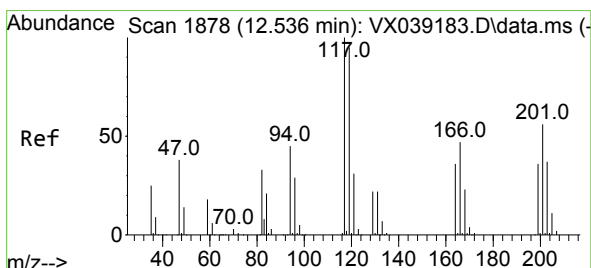
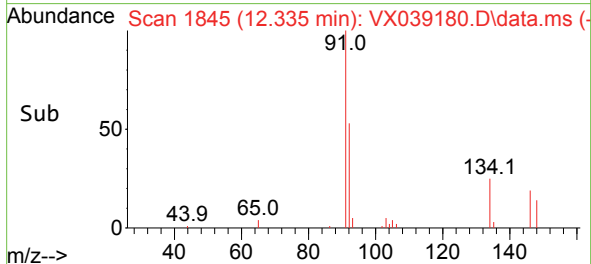
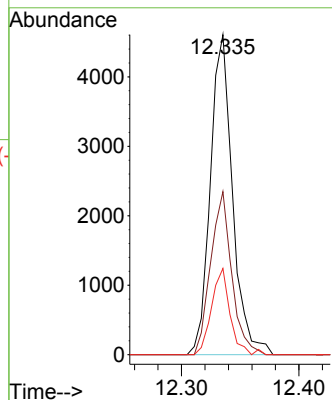
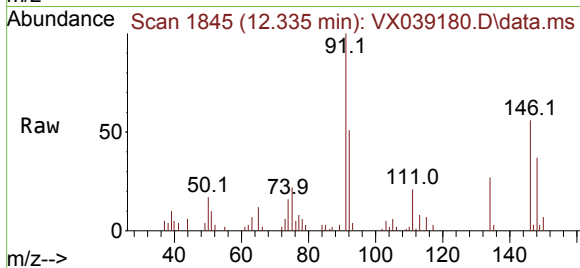
Tgt Ion: 91 Resp: 6037

Ion Ratio Lower Upper

91 100

92 48.4 27.4 82.0

134 22.6 12.6 37.8



#90

Hexachloroethane

Concen: 0.931 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.007 min

Lab File: VX039180.D

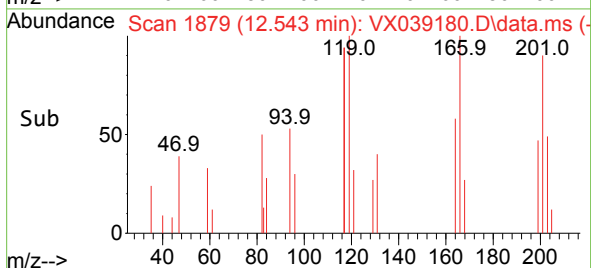
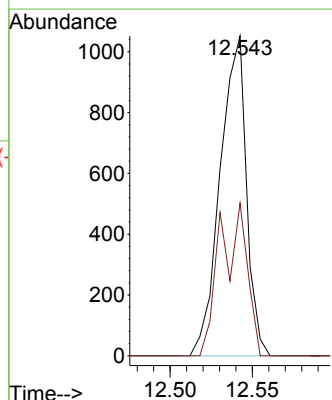
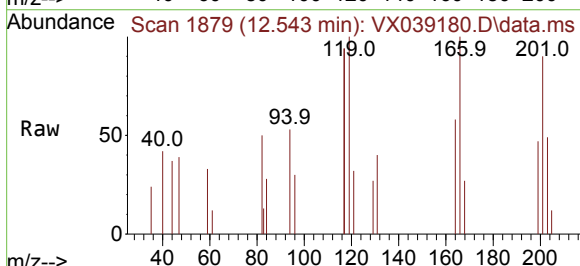
Acq: 13 Dec 2023 10:12

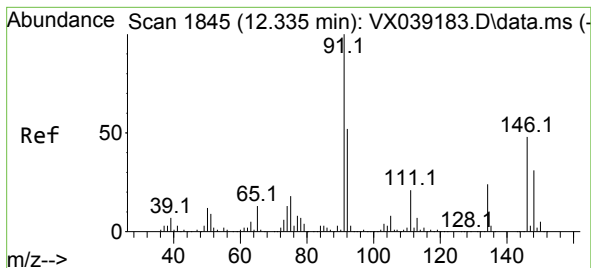
Tgt Ion: 117 Resp: 1167

Ion Ratio Lower Upper

117 100

201 48.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 1.005 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

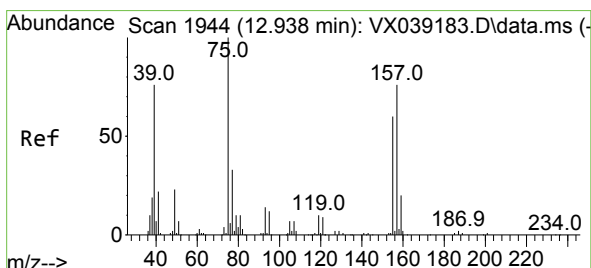
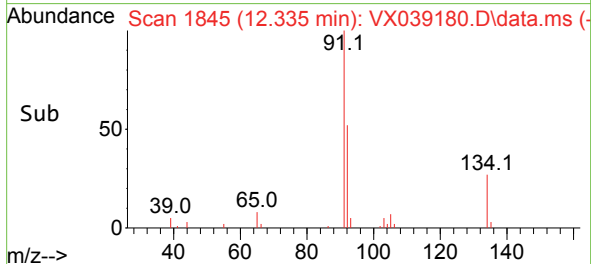
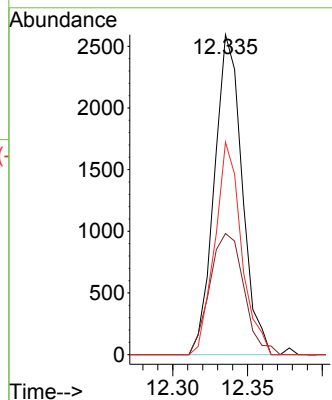
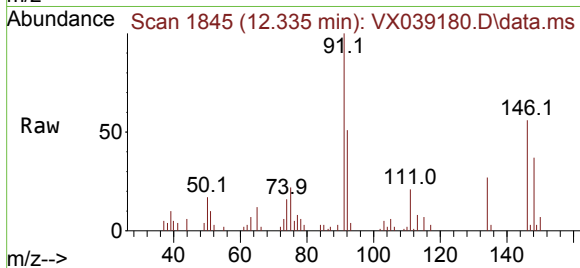
Tgt Ion:146 Resp: 3346

Ion Ratio Lower Upper

146 100

111 46.6 22.4 67.0

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.790 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

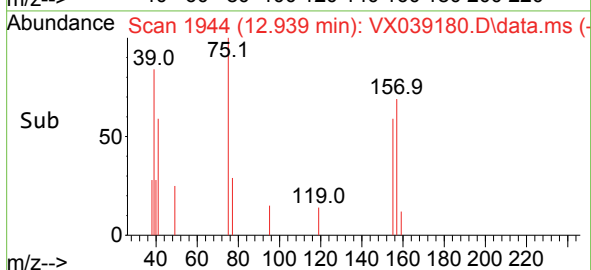
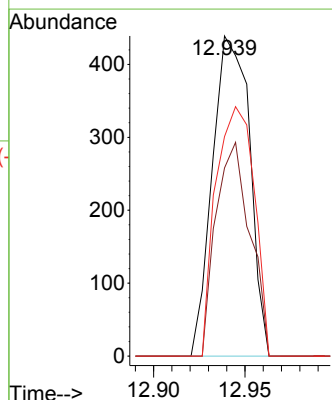
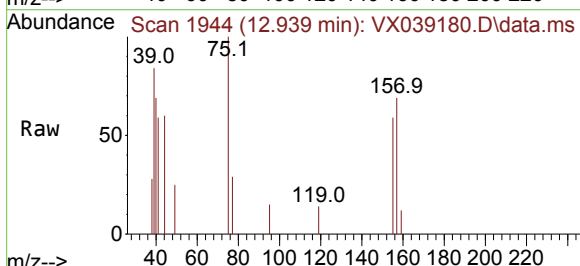
Tgt Ion: 75 Resp: 620

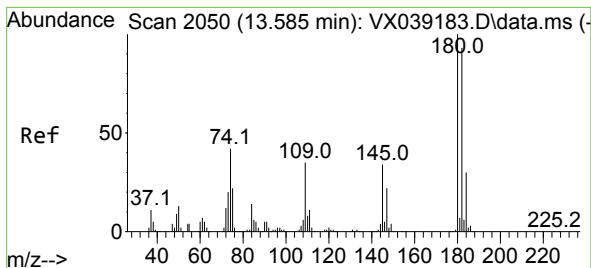
Ion Ratio Lower Upper

75 100

155 61.3 36.1 108.5

157 80.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 1.009 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

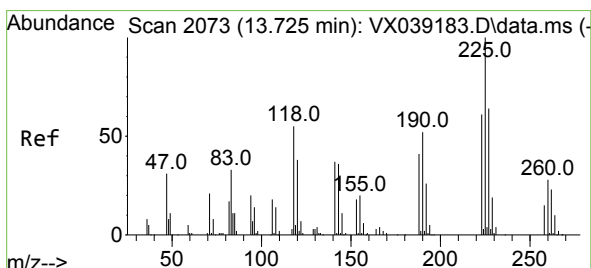
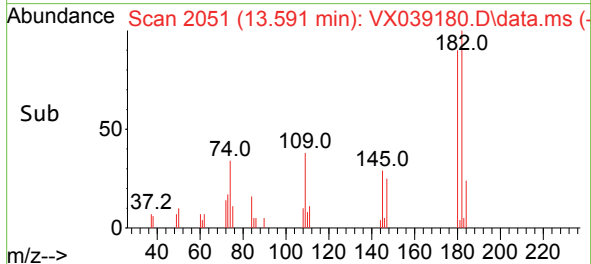
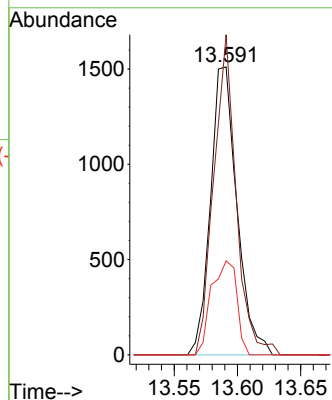
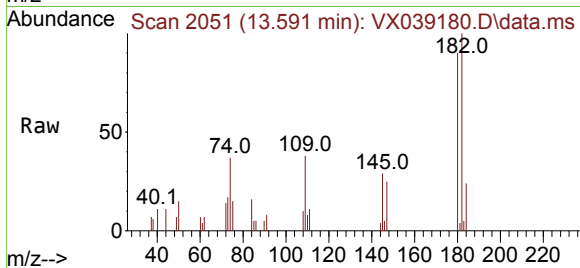
Tgt Ion:180 Resp: 2200

Ion Ratio Lower Upper

180 100

182 93.5 48.3 144.8

145 31.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.981 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

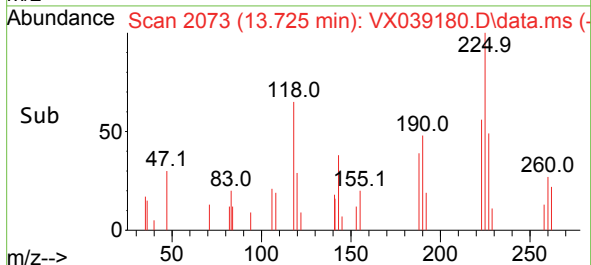
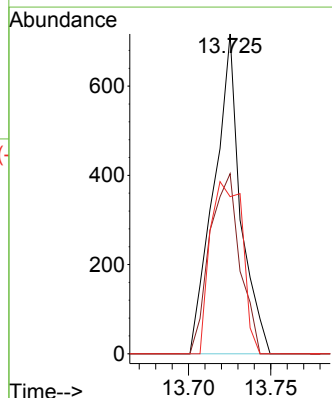
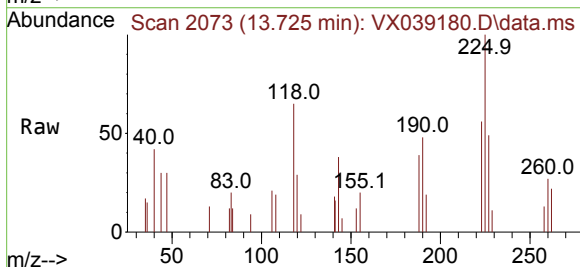
Tgt Ion:225 Resp: 806

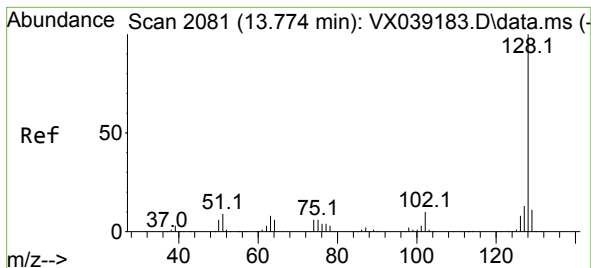
Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.2

227 64.9 32.5 97.5





#95

Naphthalene

Concen: 0.862 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

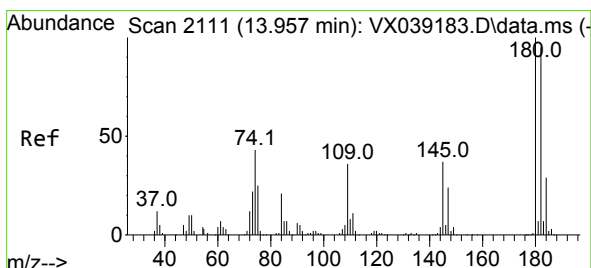
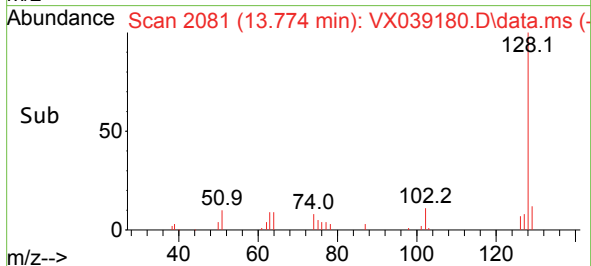
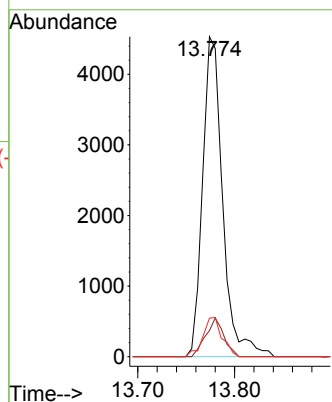
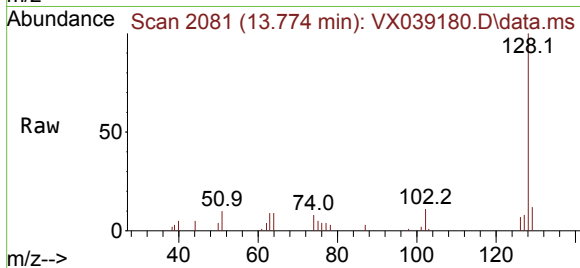
Tgt Ion:128 Resp: 6551

Ion Ratio Lower Upper

128 100

127 10.9 10.3 15.5

129 11.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.958 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039180.D

Acq: 13 Dec 2023 10:12

Tgt Ion:180 Resp: 2017

Ion Ratio Lower Upper

180 100

182 88.8 46.9 140.6

145 48.2 17.8 53.5

