

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039183.D
 Acq On : 13 Dec 2023 11:20
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 14 01:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:05:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	129169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110675	46.772	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.385	113	77450	47.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.646	98	289963	47.644	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	116828	46.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93905	51.737	ug/l	99
3) Chloromethane	1.294	50	101398	50.391	ug/l	100
4) Vinyl Chloride	1.373	62	92206	49.271	ug/l	97
5) Bromomethane	1.599	94	58851	54.661	ug/l	100
6) Chloroethane	1.684	64	53608	47.535	ug/l	98
7) Trichlorofluoromethane	1.886	101	136285	49.734	ug/l	100
8) Diethyl Ether	2.129	74	47289	49.861	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	82252	49.187	ug/l	97
10) Methyl Iodide	2.452	142	86288	49.922	ug/l	96
11) Tert butyl alcohol	2.952	59	142776	240.277	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	82640	49.751	ug/l	95
13) Acrolein	2.233	56	116008	244.721	ug/l	99
14) Allyl chloride	2.666	41	165983	49.327	ug/l	97
15) Acrylonitrile	3.062	53	296657	249.419	ug/l	99
16) Acetone	2.373	43	331038	240.353	ug/l	95
17) Carbon Disulfide	2.513	76	239621	49.296	ug/l	99
18) Methyl Acetate	2.696	43	259295	50.662	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	294221	48.977	ug/l	98
20) Methylene Chloride	2.788	84	95063	48.192	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	89239	49.372	ug/l	96
22) Diisopropyl ether	3.757	45	302002	49.305	ug/l	94
23) Vinyl Acetate	3.721	43	1154989	253.284	ug/l	100
24) 1,1-Dichloroethane	3.605	63	169161	48.855	ug/l	98
25) 2-Butanone	4.550	43	454079	222.378	ug/l	98
26) 2,2-Dichloropropane	4.477	77	148466	49.114	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	100644	50.448	ug/l	97
28) Bromochloromethane	4.897	49	89097	52.737	ug/l	94
29) Tetrahydrofuran	4.995	42	283218	251.159	ug/l	99
30) Chloroform	5.092	83	168670	48.746	ug/l	99
31) Cyclohexane	5.476	56	151932	49.711	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	150062	49.957	ug/l	98
36) 1,1-Dichloropropene	5.690	75	128126	49.529	ug/l	99
37) Ethyl Acetate	4.708	43	160454	50.205	ug/l	99
38) Carbon Tetrachloride	5.678	117	124574	50.461	ug/l	99
39) Methylcyclohexane	7.378	83	153965	49.549	ug/l	98
40) Benzene	6.037	78	364059	49.751	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	87321	51.208	ug/l	97
42) 1,2-Dichloroethane	6.080	62	147873	49.921	ug/l	99
43) Isopropyl Acetate	6.336	43	260126	50.052	ug/l	99
44) Trichloroethene	7.122	130	89669	48.559	ug/l	93
45) 1,2-Dichloropropane	7.427	63	97791	49.794	ug/l	97
46) Dibromomethane	7.580	93	68147	49.362	ug/l	94
47) Bromodichloromethane	7.817	83	134430	50.927	ug/l	97
48) Methyl methacrylate	7.689	41	154889	50.978	ug/l	95
49) 1,4-Dioxane	7.653	88	43949	1073.100	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	830736	250.877	ug/l	99
52) Toluene	8.720	92	220494	49.923	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	149385	51.404	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	159097	50.880	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	90368	49.010	ug/l	93
56) Ethyl methacrylate	9.116	69	117798	52.333	ug/l	97
57) 1,3-Dichloropropane	9.305	76	157718	49.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	345721	261.567	ug/l	94
59) 2-Hexanone	9.427	43	673589	235.702	ug/l	99
60) Dibromochloromethane	9.518	129	93671	50.232	ug/l	98
61) 1,2-Dibromoethane	9.610	107	98930	50.259	ug/l	100
64) Tetrachloroethene	9.274	164	67823	47.437	ug/l	92
65) Chlorobenzene	10.079	112	229547	48.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	83686	49.610	ug/l	97
67) Ethyl Benzene	10.195	91	440511	49.554	ug/l	98
68) m/p-Xylenes	10.299	106	314674	98.728	ug/l	94
69) o-Xylene	10.640	106	152784	49.578	ug/l	93
70) Styrene	10.652	104	225312	50.012	ug/l	95
71) Bromoform	10.799	173	64344	51.317	ug/l #	100
73) Isopropylbenzene	10.963	105	414329	49.928	ug/l	99
74) N-amyl acetate	10.841	43	214849	51.171	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	152648	49.447	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	185817	66.776	ug/l	89
77) Bromobenzene	11.195	156	90741	49.448	ug/l	90
78) n-propylbenzene	11.305	91	508581	49.742	ug/l	97
79) 2-Chlorotoluene	11.359	91	301216	48.705	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	353206	49.963	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	49970	50.658	ug/l	96
82) 4-Chlorotoluene	11.451	91	356737	49.110	ug/l	97
83) tert-Butylbenzene	11.713	119	335262	49.831	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	361095	49.809	ug/l	98
85) sec-Butylbenzene	11.890	105	422221	49.317	ug/l	98
86) p-Isopropyltoluene	12.006	119	356644	49.638	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	175777	48.757	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	175571	46.772	ug/l	98
89) n-Butylbenzene	12.329	91	358379	50.740	ug/l	97
90) Hexachloroethane	12.536	117	66831	51.493	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	167771	48.637	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	43535	53.541	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	112296	49.716	ug/l	98
94) Hexachlorobutadiene	13.725	225	40969	48.130	ug/l	99
95) Naphthalene	13.774	128	401666	51.062	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	107120	49.126	ug/l	98

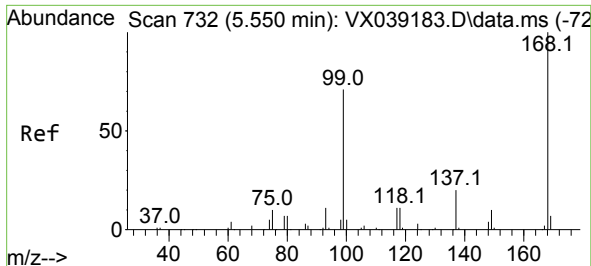
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QLast Update : Thu Dec 14 01:05:14 2023
Response via : Initial Calibration

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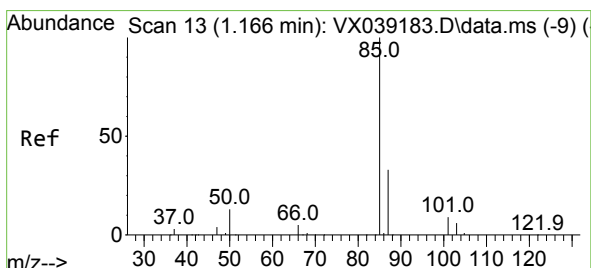
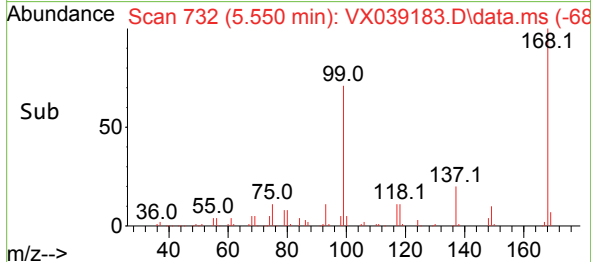
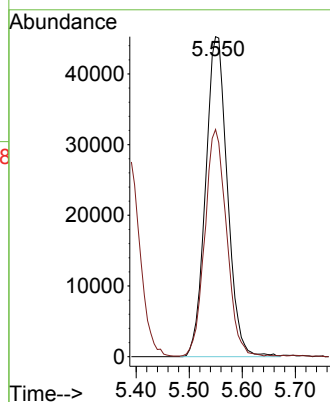
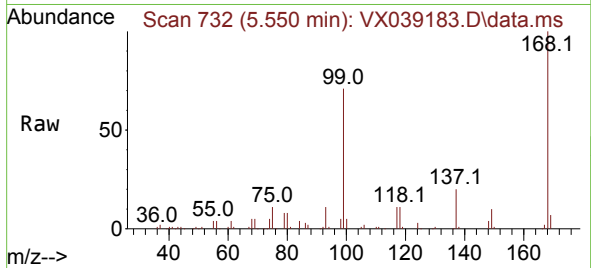
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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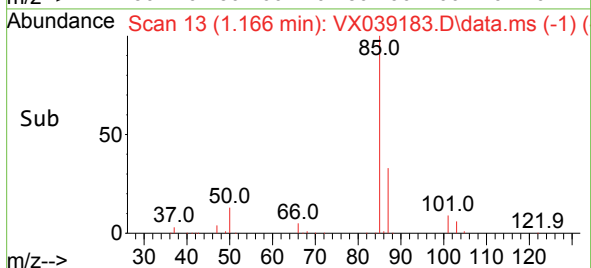
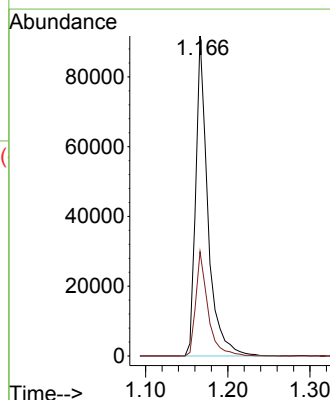
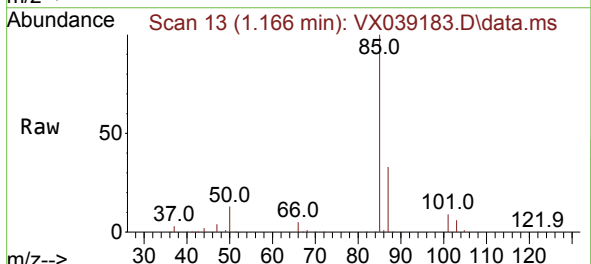
Instrument :
MSVOA_X
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VSTDICCC050

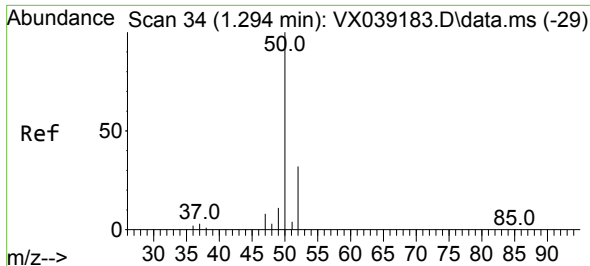
Tgt Ion:168 Resp: 129169
Ion Ratio Lower Upper
168 100
99 70.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.737 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 85 Resp: 93905
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

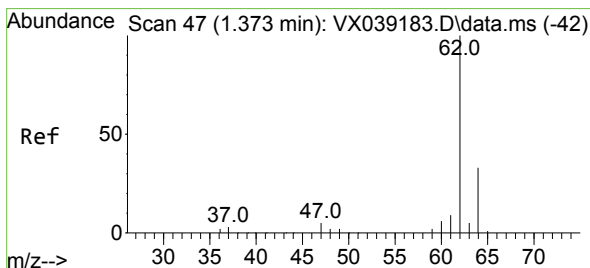
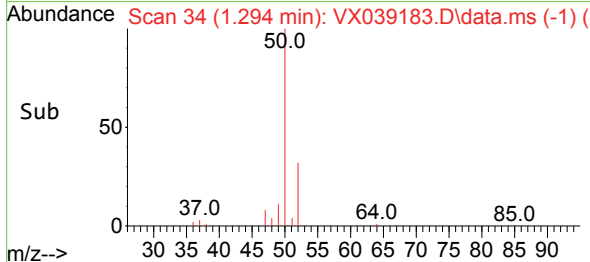
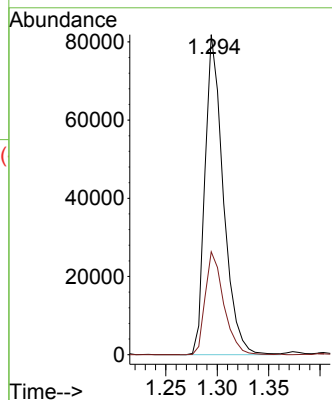
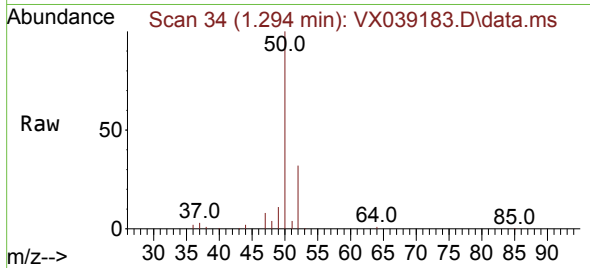




#3
Chloromethane
Concen: 50.391 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

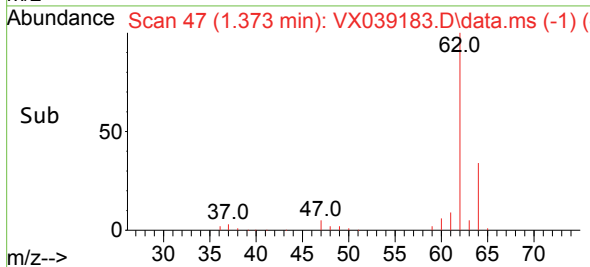
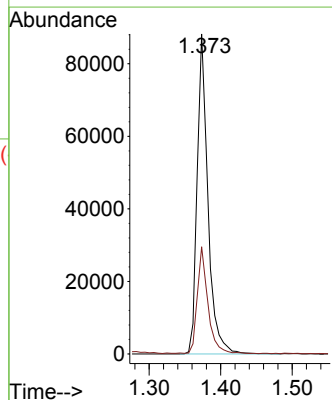
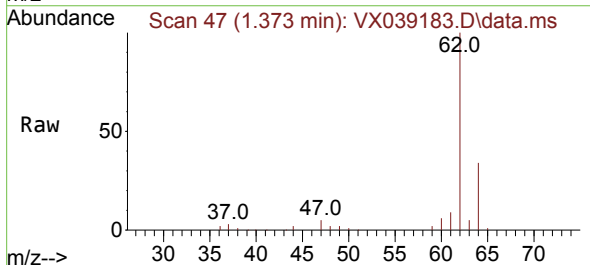
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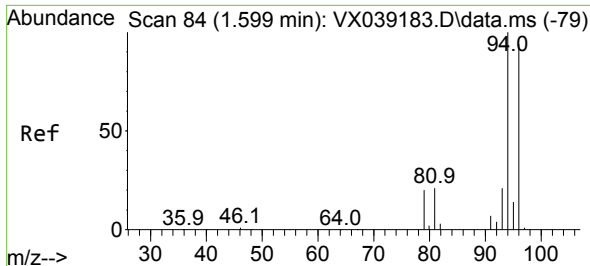
Tgt Ion: 50 Resp: 101398
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 49.271 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 62 Resp: 92206
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0

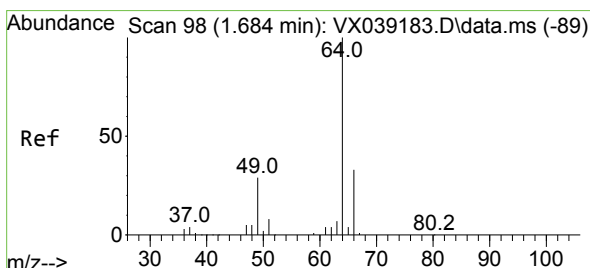
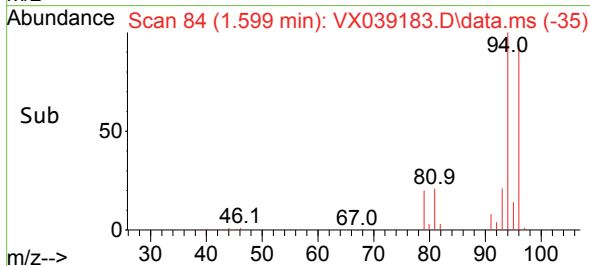
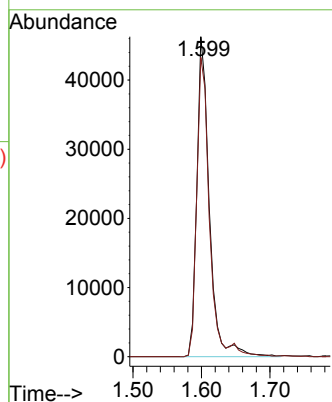
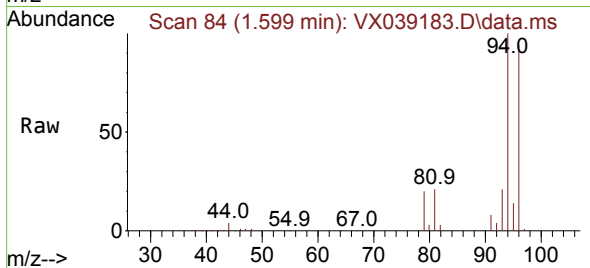




#5
Bromomethane
Concen: 54.661 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

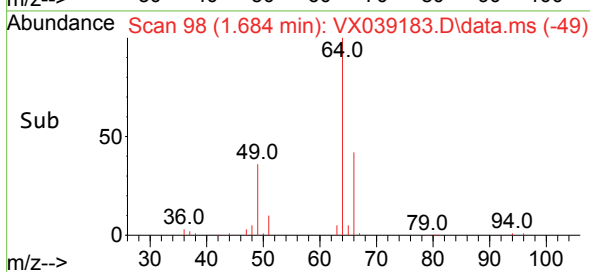
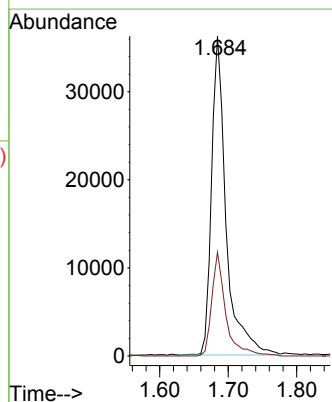
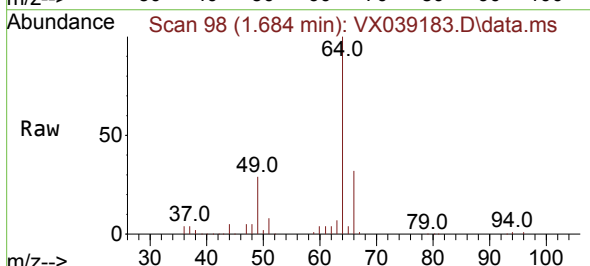
Instrument :
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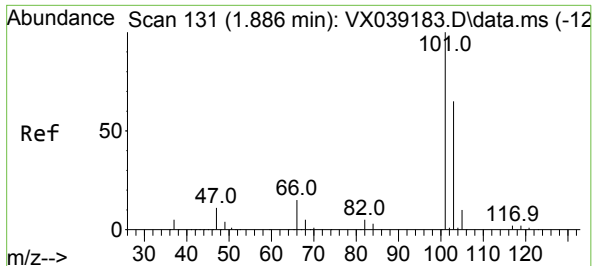
Tgt Ion: 94 Resp: 58851
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 47.535 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 64 Resp: 53608
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7

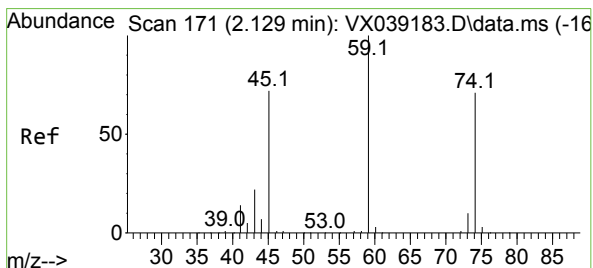
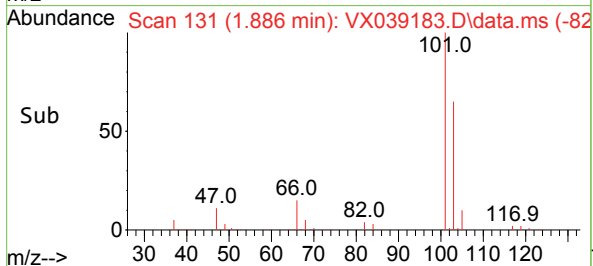
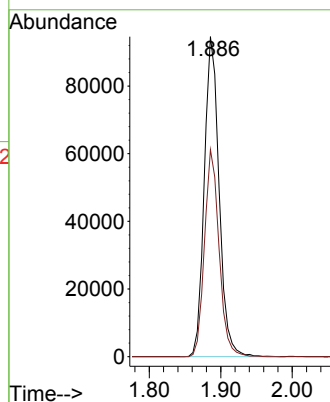
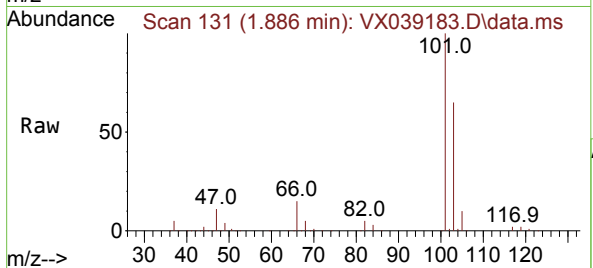




#7
 Trichlorofluoromethane
 Concen: 49.734 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

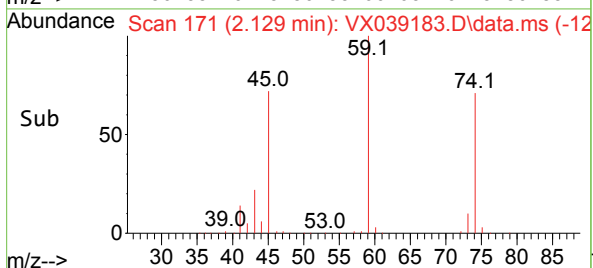
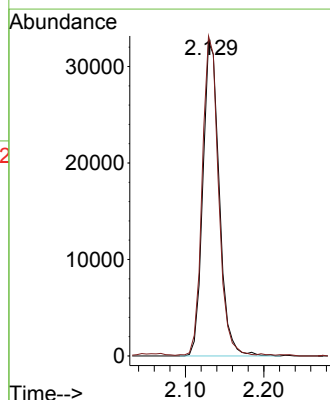
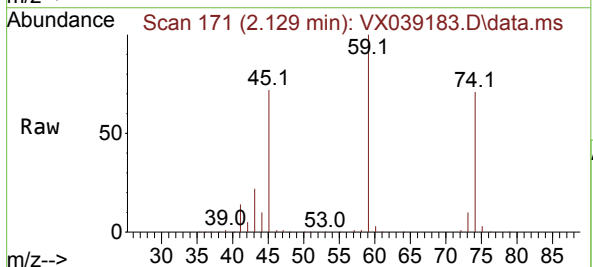
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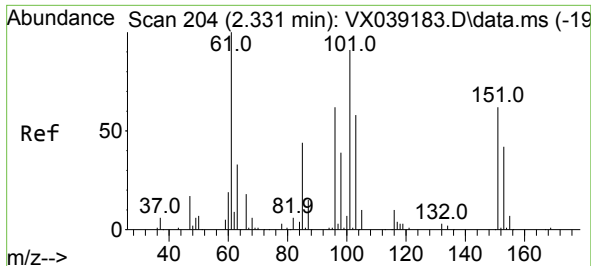
Tgt Ion:101 Resp: 136285
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 49.861 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

Tgt Ion: 74 Resp: 47289
 Ion Ratio Lower Upper
 74 100
 45 100.7 53.3 159.8

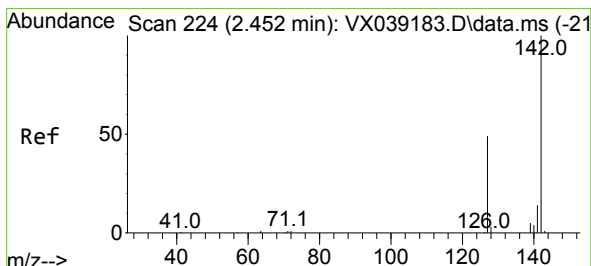
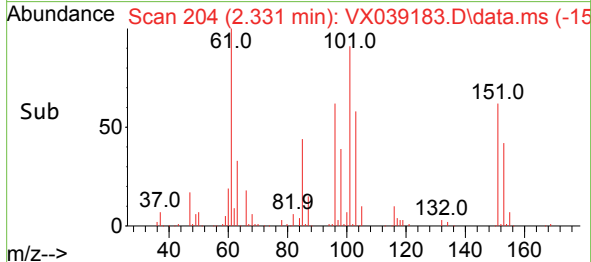
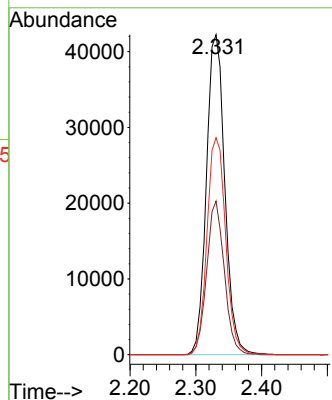
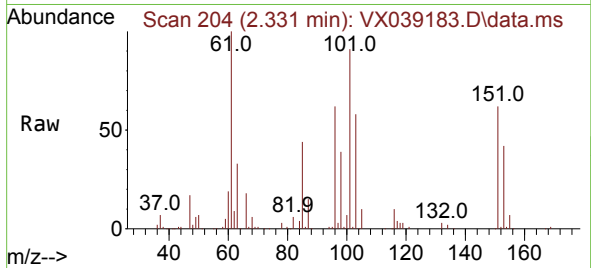




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.187 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039183.D
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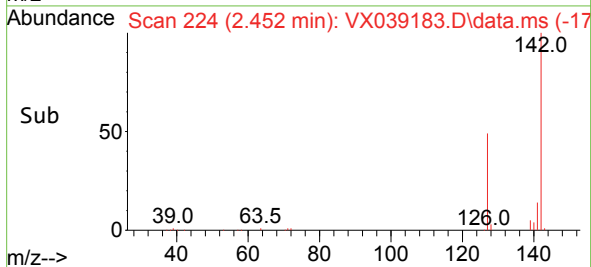
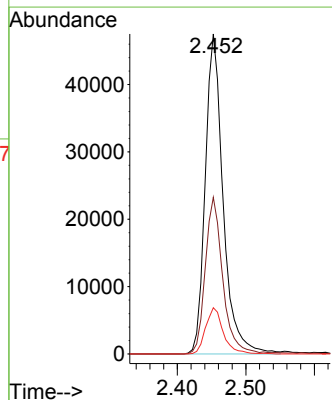
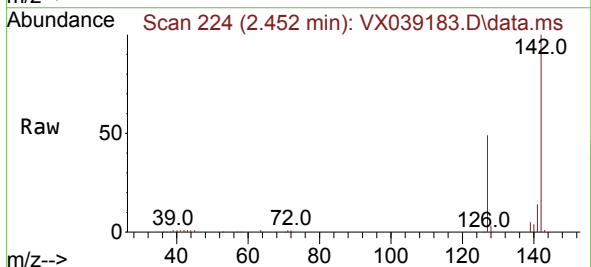
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ClientSampleId :
VSTDICCC050

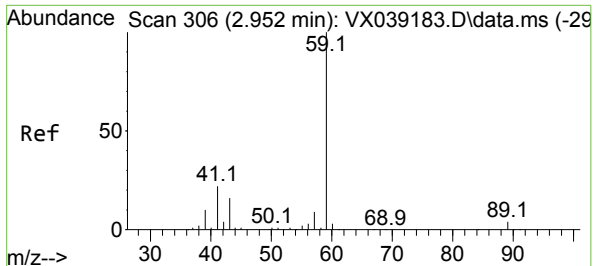
Tgt Ion:101 Resp: 82252
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 68.7 58.6 87.8



#10
Methyl Iodide
Concen: 49.922 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion:142 Resp: 86288
Ion Ratio Lower Upper
142 100
127 48.4 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 240.277 ug/l

RT: 2.952 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

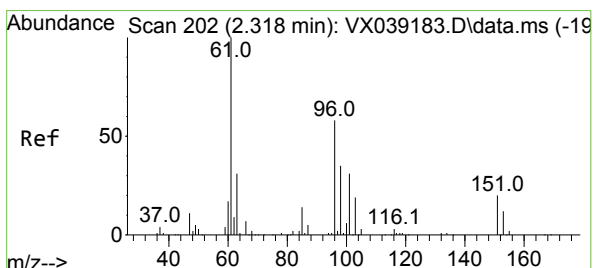
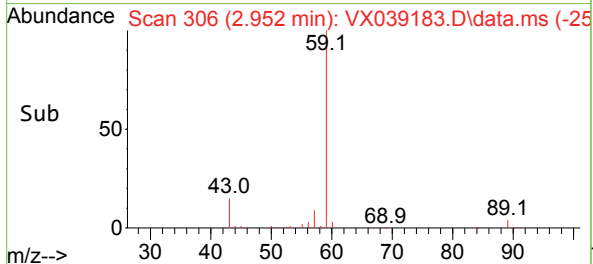
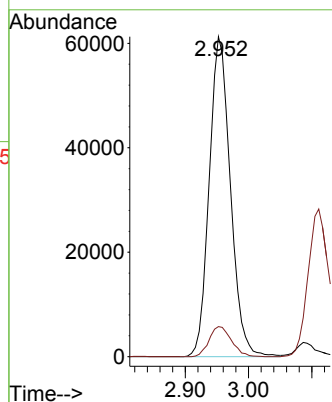
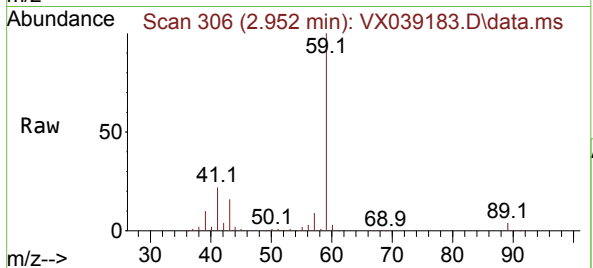
VSTDICCC050

Tgt Ion: 59 Resp: 142776

Ion Ratio Lower Upper

59 100

57 9.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 49.751 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

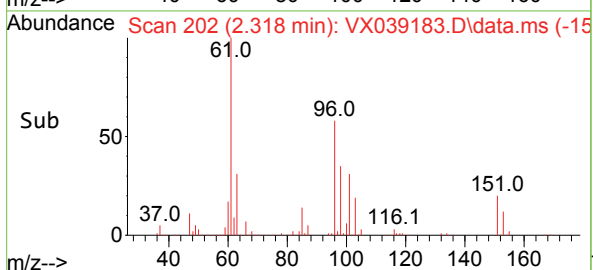
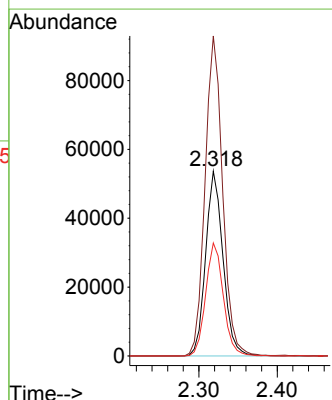
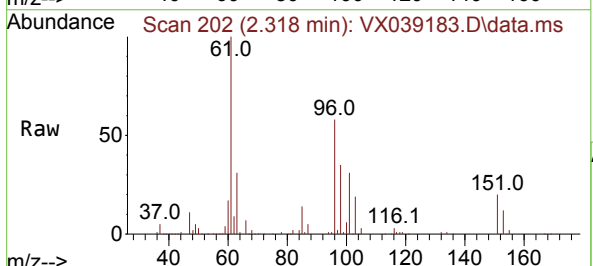
Tgt Ion: 96 Resp: 82640

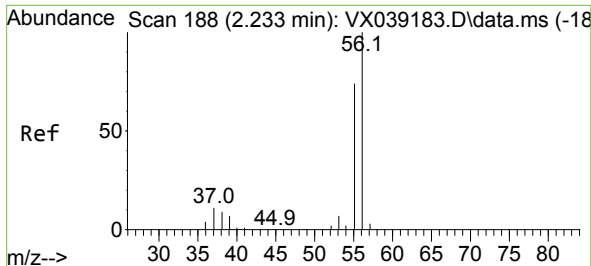
Ion Ratio Lower Upper

96 100

61 173.1 144.6 216.8

98 61.1 50.4 75.6





#13

Acrolein

Concen: 244.721 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

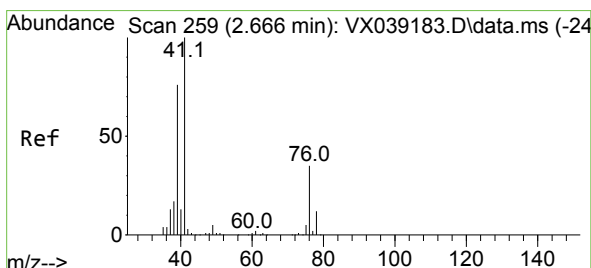
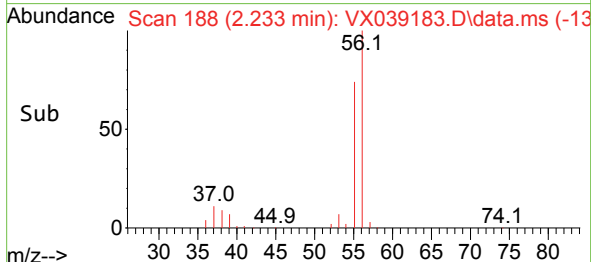
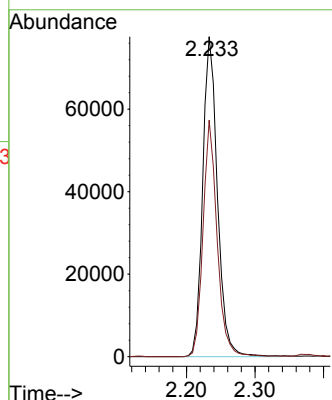
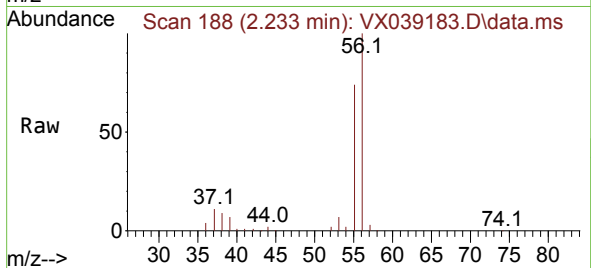
VSTDICCC050

Tgt Ion: 56 Resp: 116008

Ion Ratio Lower Upper

56 100

55 70.9 57.1 85.7



#14

Allyl chloride

Concen: 49.327 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

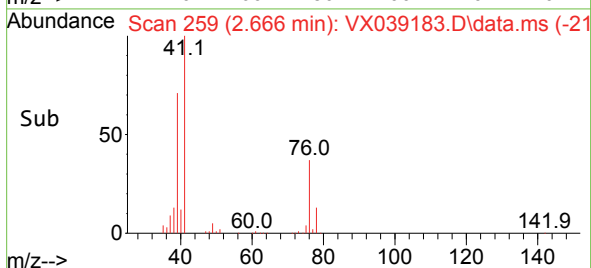
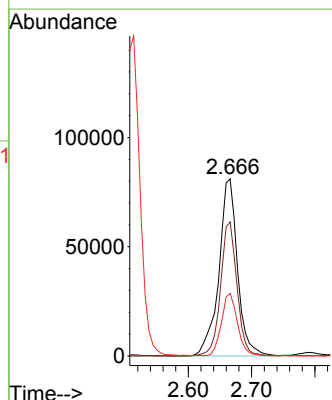
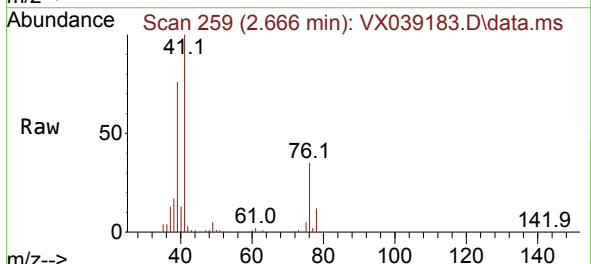
Tgt Ion: 41 Resp: 165983

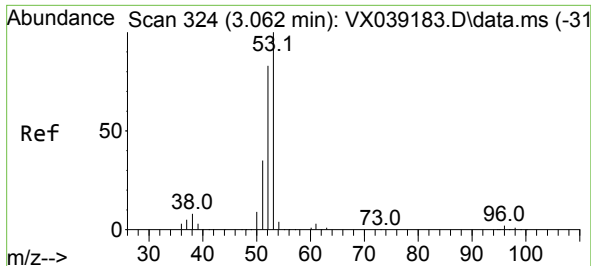
Ion Ratio Lower Upper

41 100

39 66.5 55.8 83.6

76 30.0 24.3 36.5

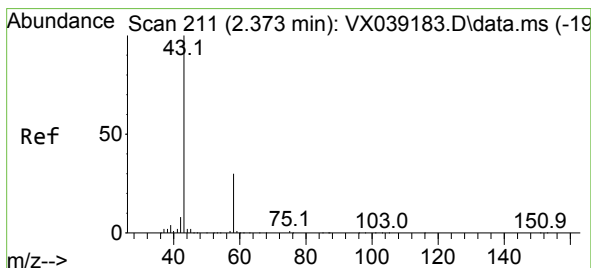
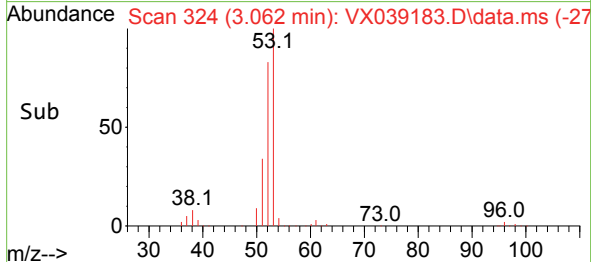
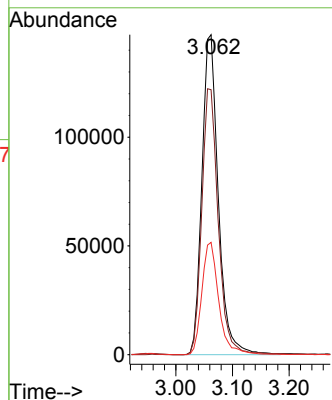
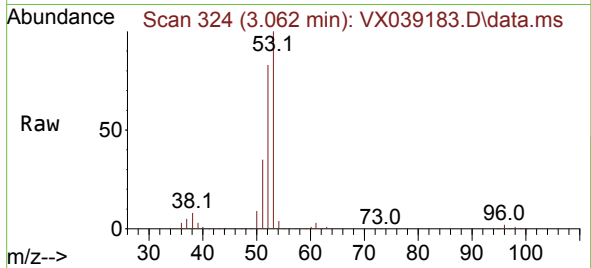




#15
Acrylonitrile
Concen: 249.419 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

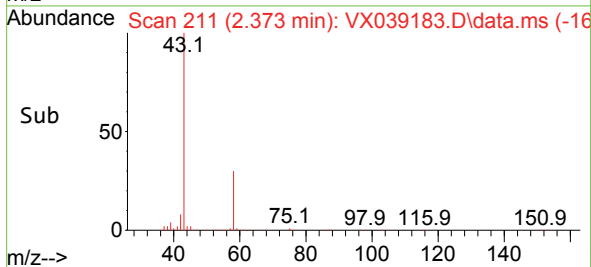
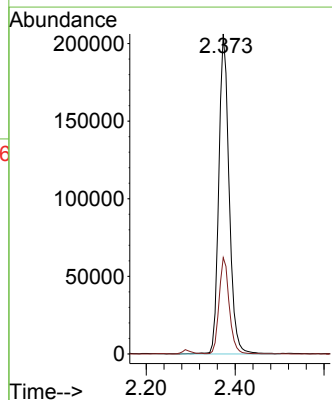
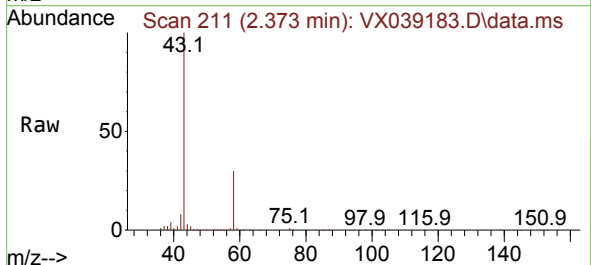
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

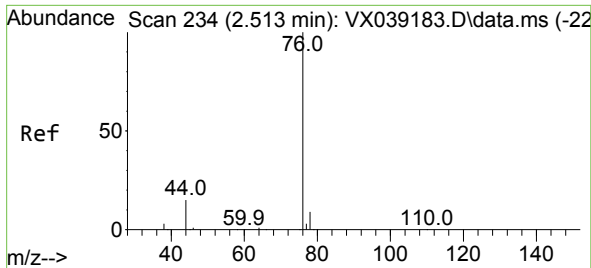
Tgt Ion: 53 Resp: 296657
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.4 29.8 44.6



#16
Acetone
Concen: 240.353 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 43 Resp: 331038
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 49.296 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

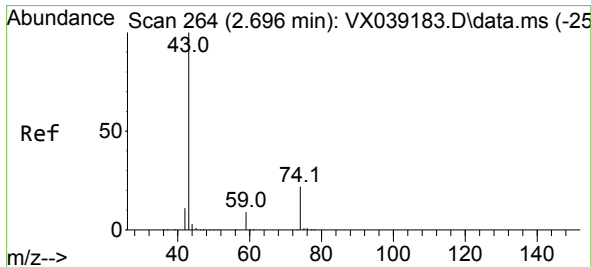
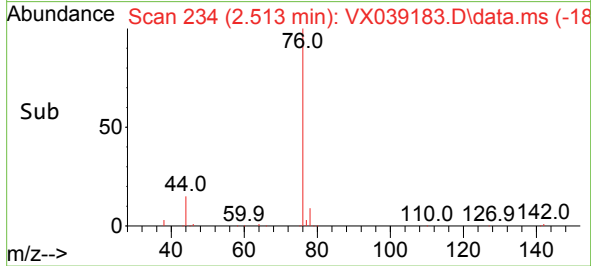
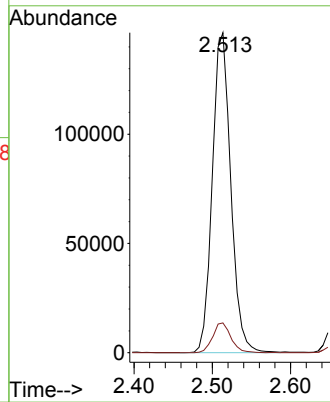
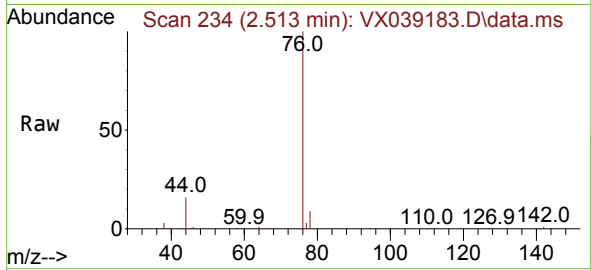
VSTDICCC050

Tgt Ion: 76 Resp: 239621

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 50.662 ug/l

RT: 2.696 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX039183.D

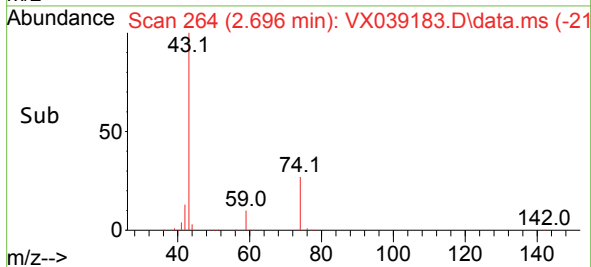
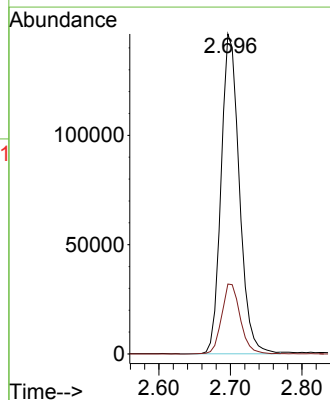
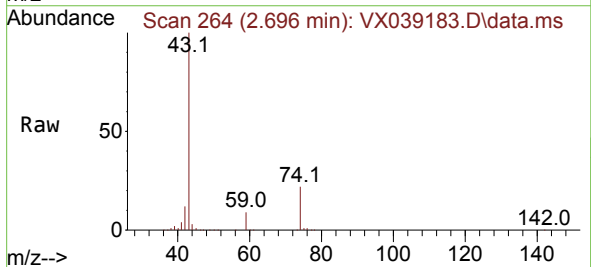
Acq: 13 Dec 2023 11:20

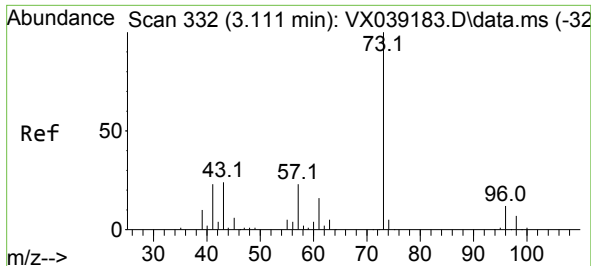
Tgt Ion: 43 Resp: 259295

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8

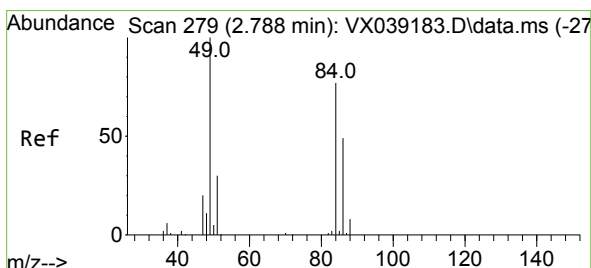
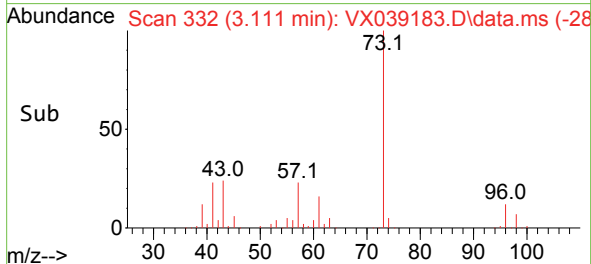
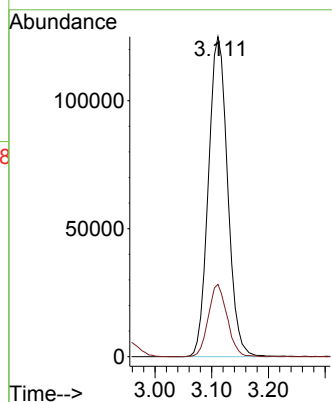
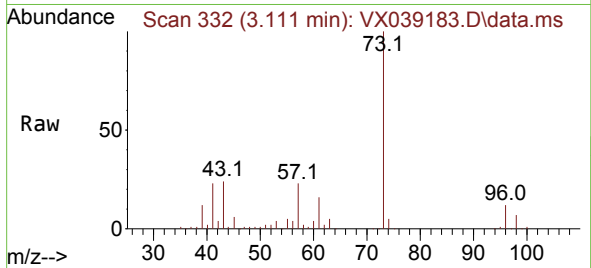




#19
Methyl tert-butyl Ether
Concen: 48.977 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

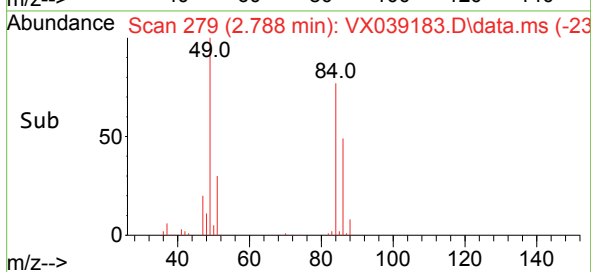
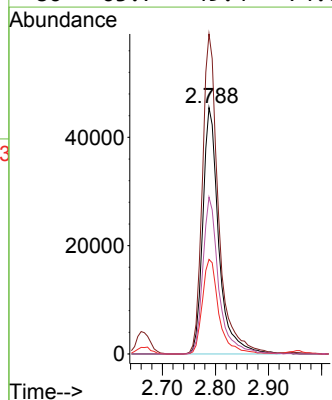
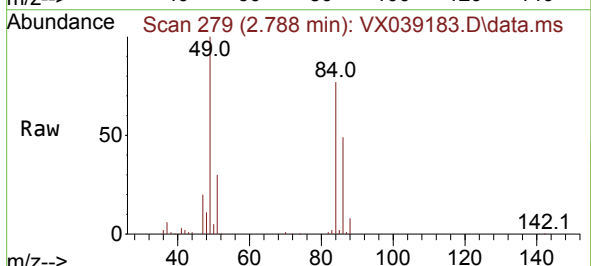
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

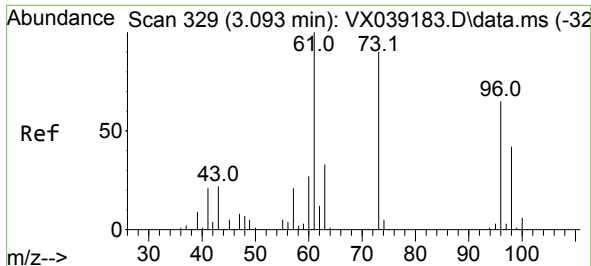
Tgt Ion: 73 Resp: 294221
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.192 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 84 Resp: 95063
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 38.3 33.8 50.6
86 63.7 49.4 74.0

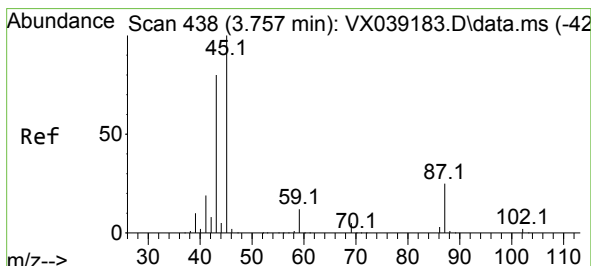
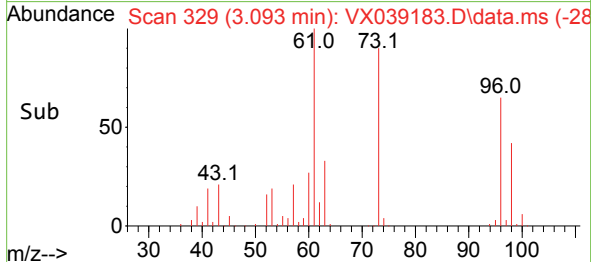
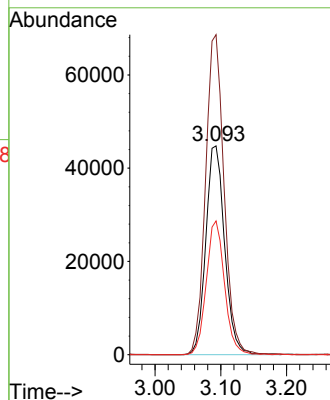
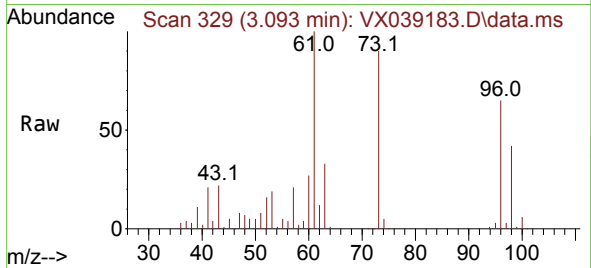




#21
trans-1,2-Dichloroethene
Concen: 49.372 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

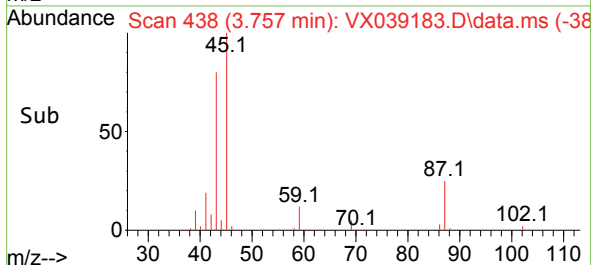
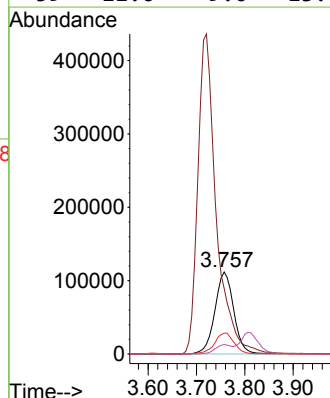
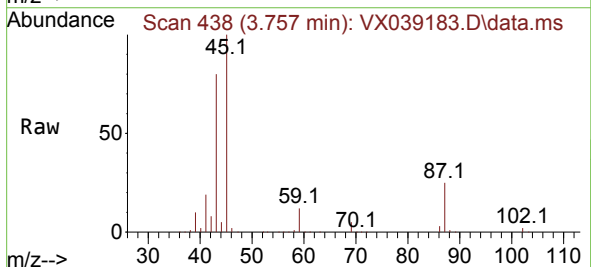
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

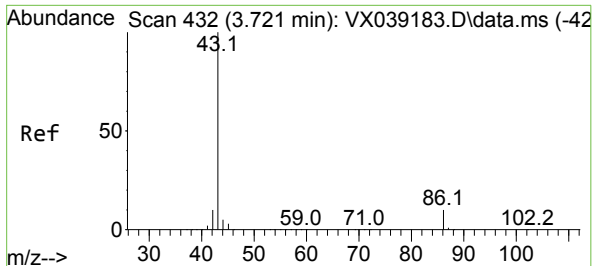
Tgt Ion: 96 Resp: 89239
Ion Ratio Lower Upper
96 100
61 153.2 119.2 178.8
98 64.0 48.7 73.1



#22
Diisopropyl ether
Concen: 49.305 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 45 Resp: 302002
Ion Ratio Lower Upper
45 100
43 79.9 69.7 104.5
87 25.4 20.8 31.2
59 11.6 9.0 13.4

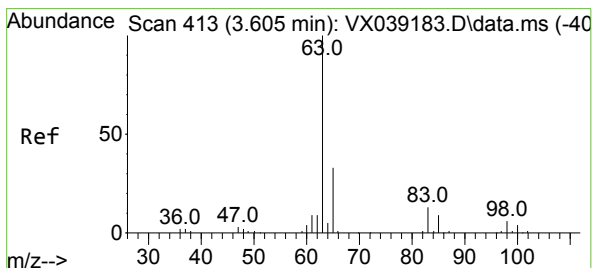
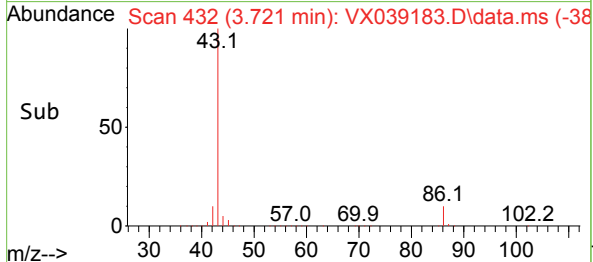
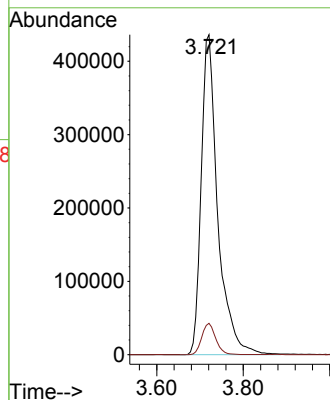
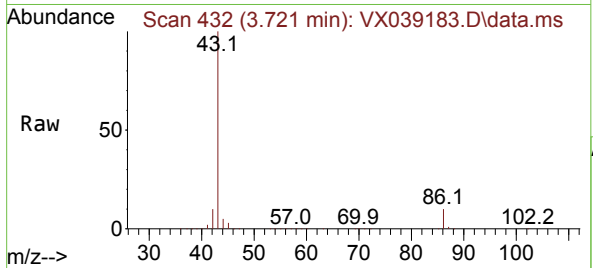




#23
 Vinyl Acetate
 Concen: 253.284 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

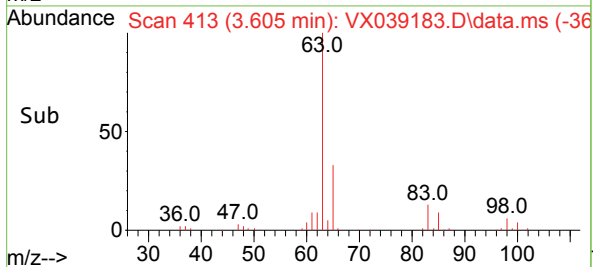
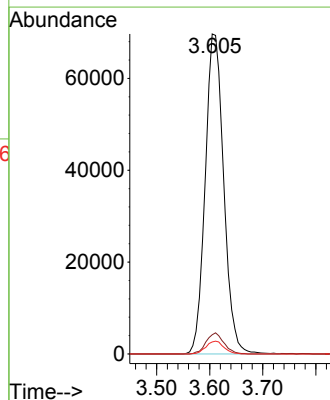
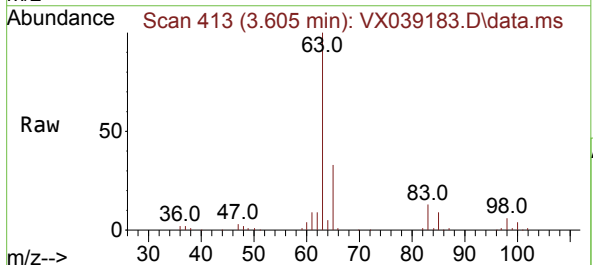
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

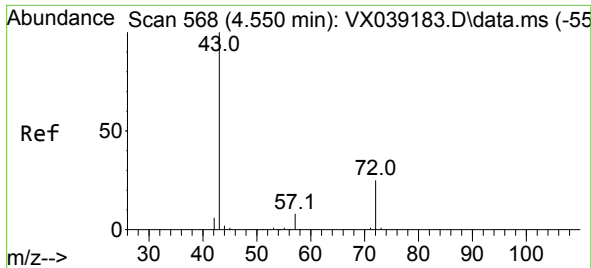
Tgt Ion: 43 Resp: 1154989
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.855 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

Tgt Ion: 63 Resp: 169161
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 3.8 2.1 6.5

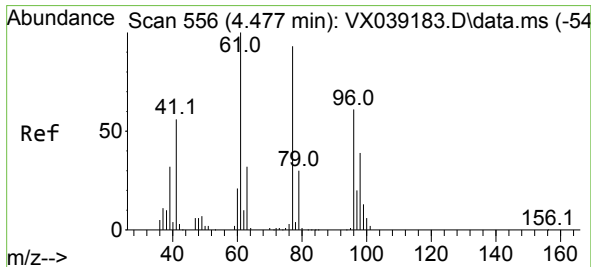
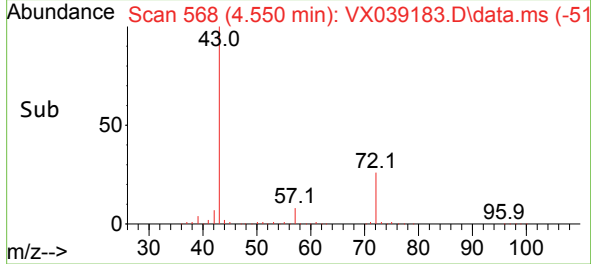
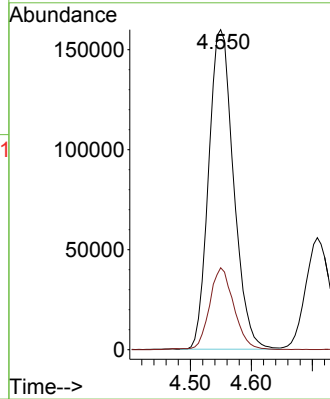
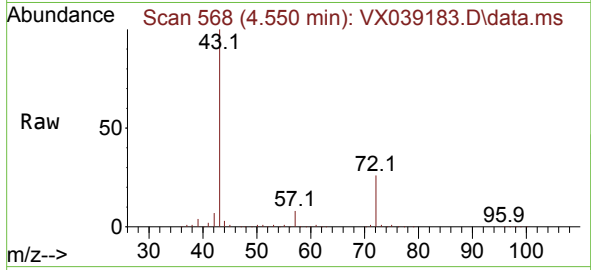




#25
2-Butanone
Concen: 222.378 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

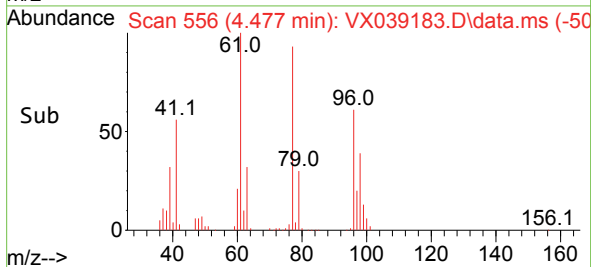
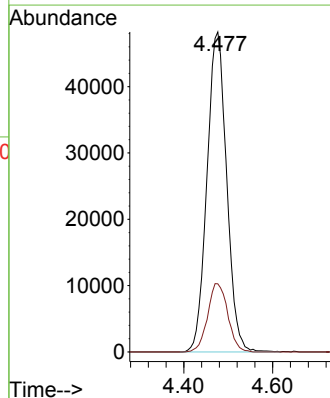
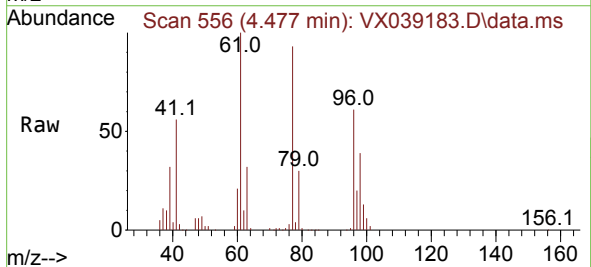
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

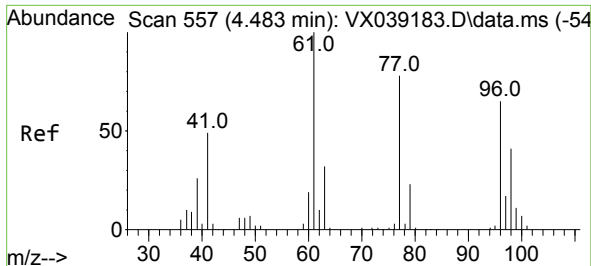
Tgt Ion: 43 Resp: 454079
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2



#26
2,2-Dichloropropane
Concen: 49.114 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 77 Resp: 148466
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.448 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

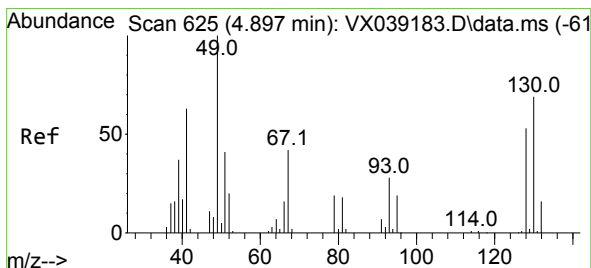
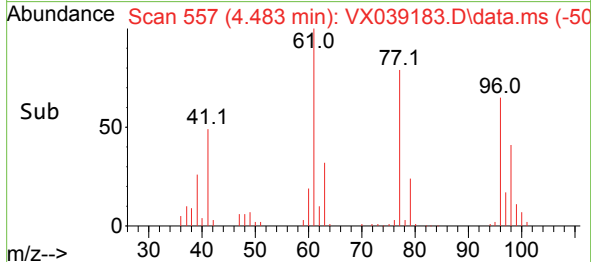
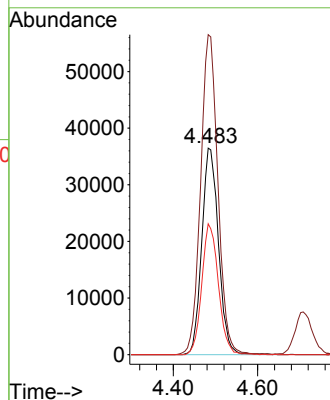
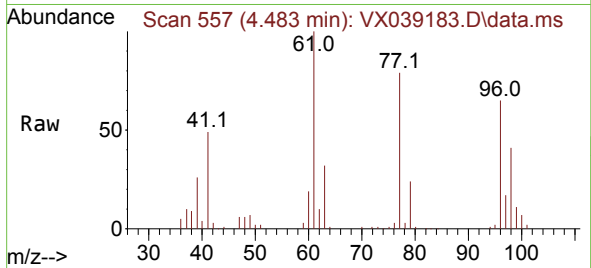
Tgt Ion: 96 Resp: 100644

Ion Ratio Lower Upper

96 100

61 160.5 0.0 312.2

98 63.0 0.0 129.0



#28

Bromochloromethane

Concen: 52.737 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

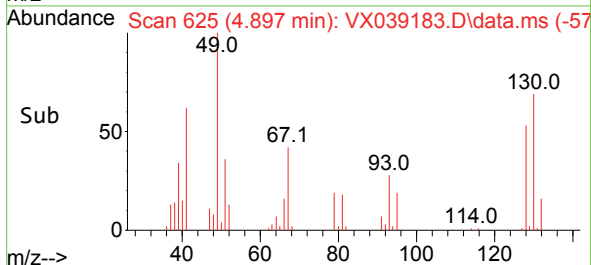
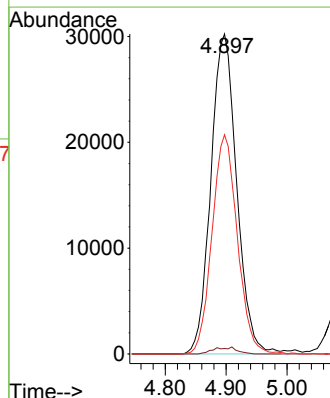
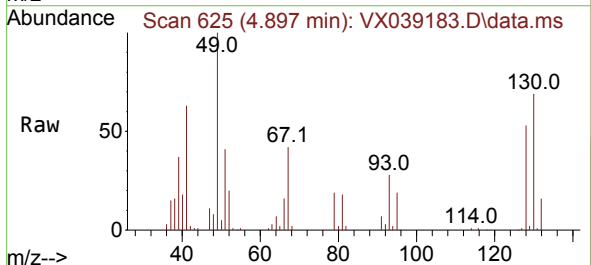
Tgt Ion: 49 Resp: 89097

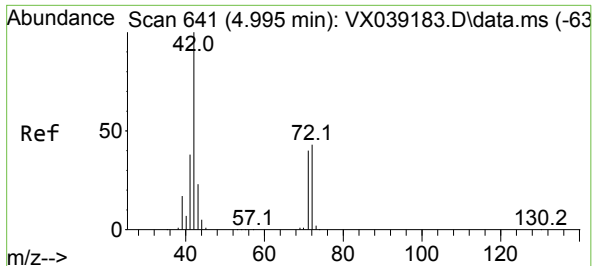
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 67.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 251.159 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

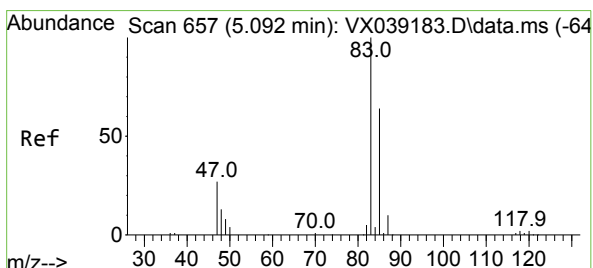
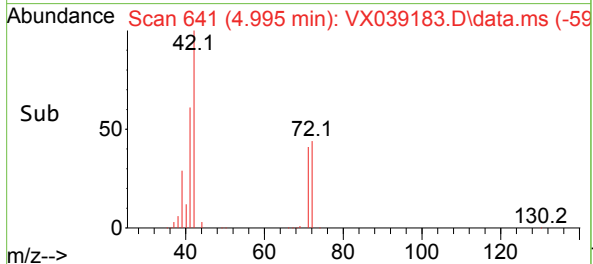
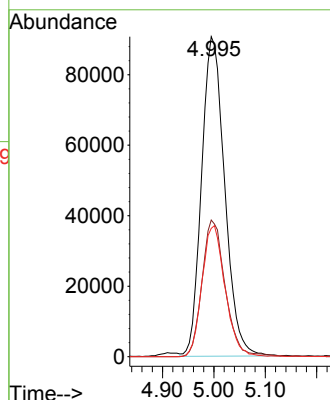
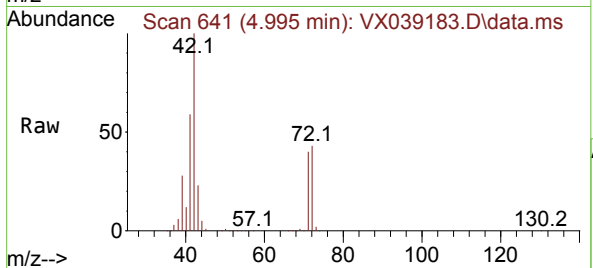
Tgt Ion: 42 Resp: 283218

Ion Ratio Lower Upper

42 100

72 42.9 34.2 51.4

71 40.9 32.2 48.2



#30

Chloroform

Concen: 48.746 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039183.D

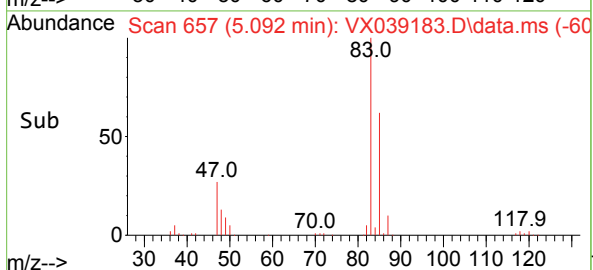
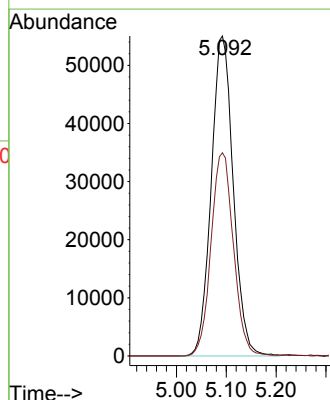
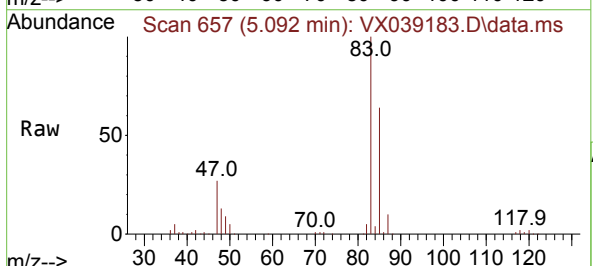
Acq: 13 Dec 2023 11:20

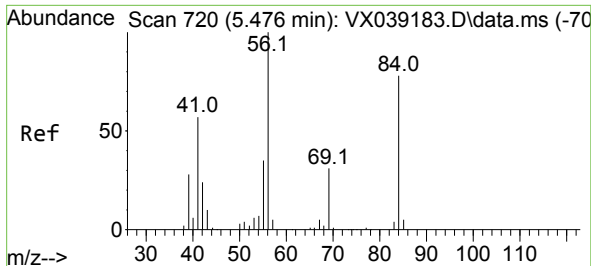
Tgt Ion: 83 Resp: 168670

Ion Ratio Lower Upper

83 100

85 63.5 50.3 75.5

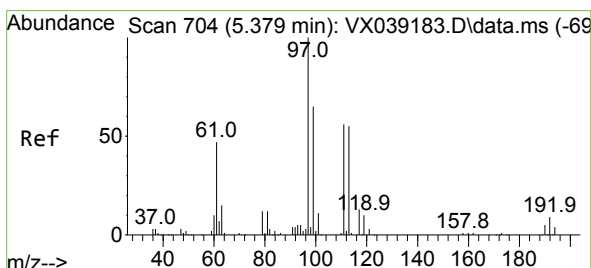
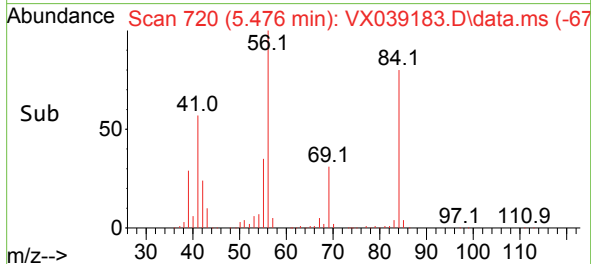
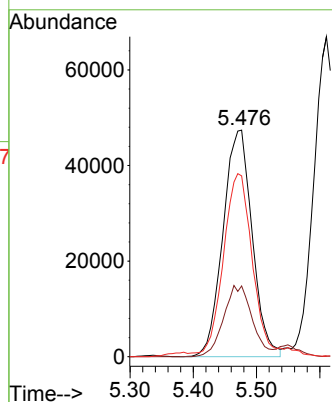
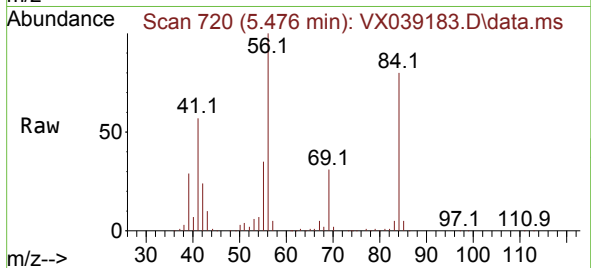




#31
Cyclohexane
Concen: 49.711 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

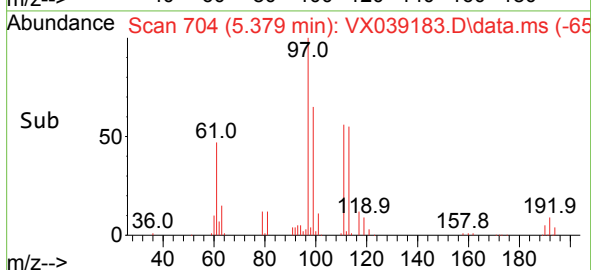
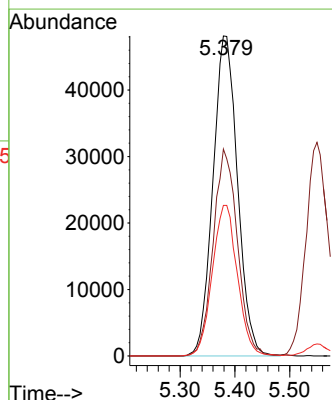
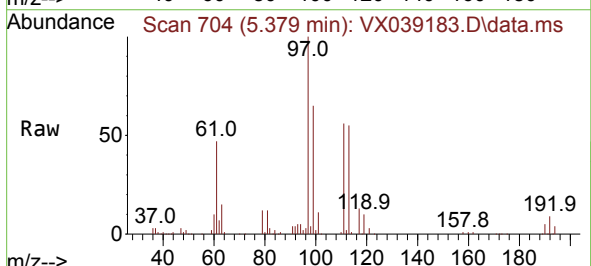
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

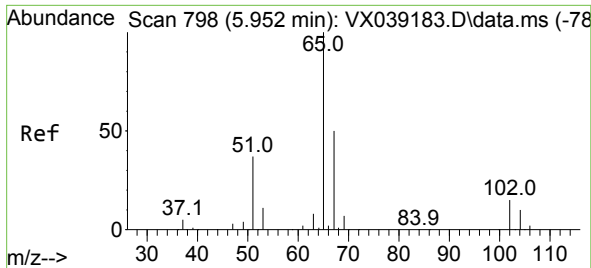
Tgt Ion: 56 Resp: 151932
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 78.2 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 49.957 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 97 Resp: 150062
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.772 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

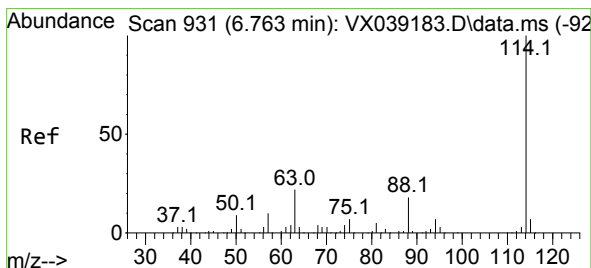
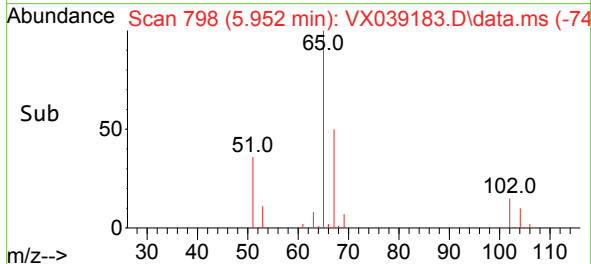
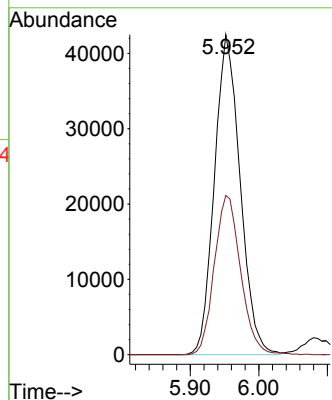
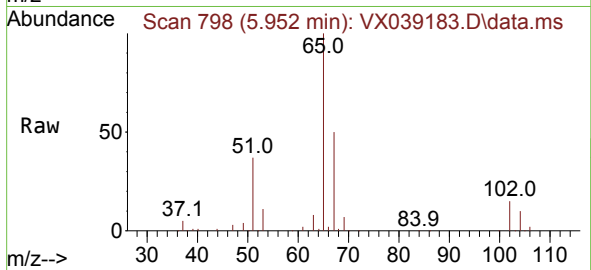
VSTDICCC050

Tgt Ion: 65 Resp: 110675

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

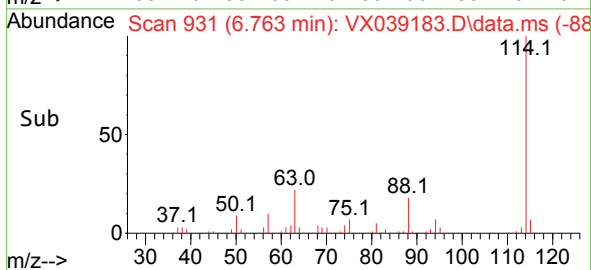
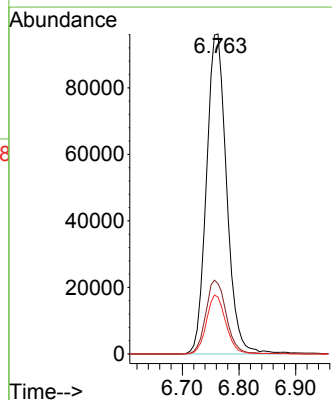
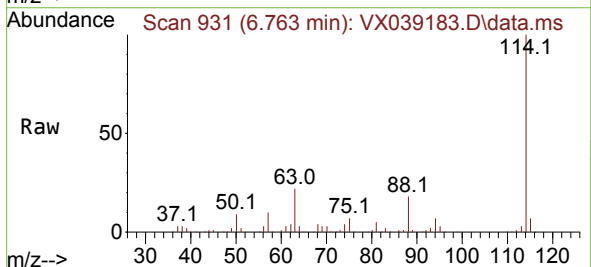
Tgt Ion: 114 Resp: 237290

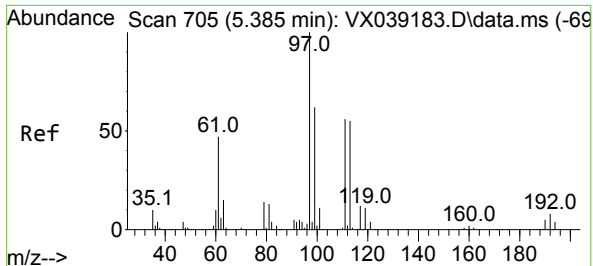
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 17.8 0.0 36.6

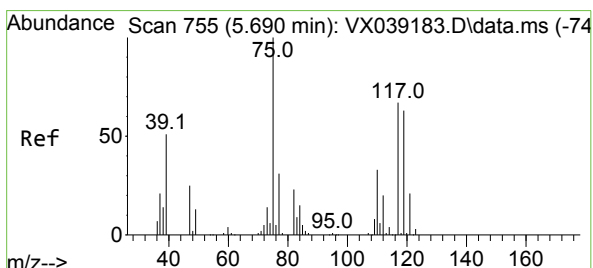
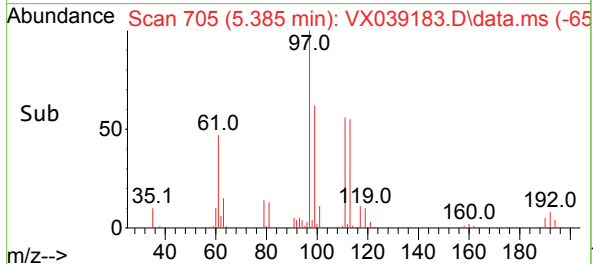
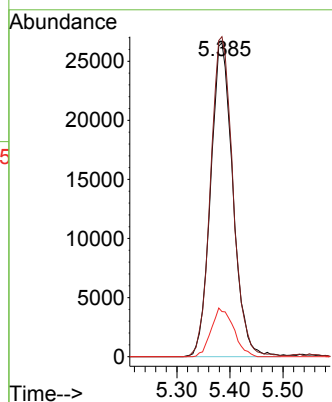
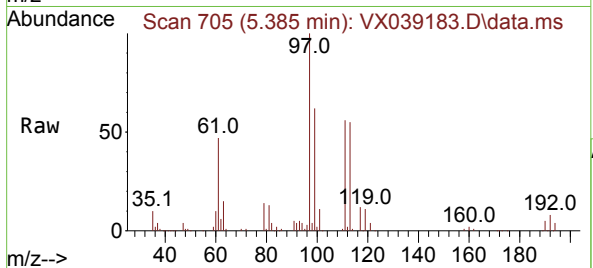




#35
Dibromofluoromethane
Concen: 47.245 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

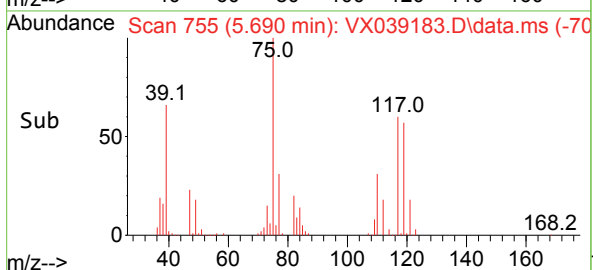
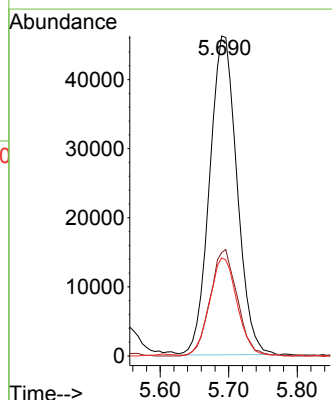
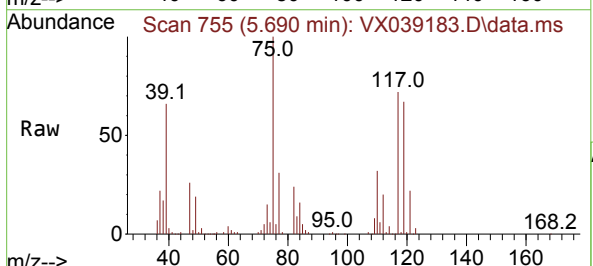
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

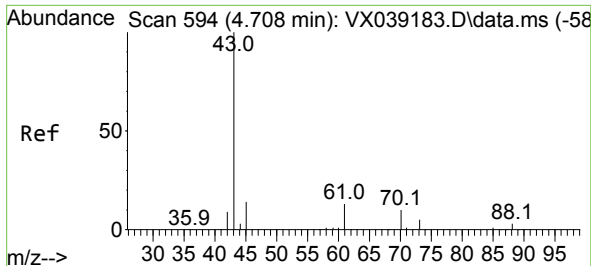
Tgt Ion:113 Resp: 77450
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 49.529 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 75 Resp: 128126
Ion Ratio Lower Upper
75 100
110 33.2 17.0 50.9
77 31.1 24.7 37.1

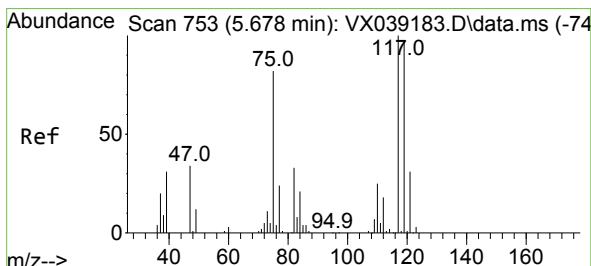
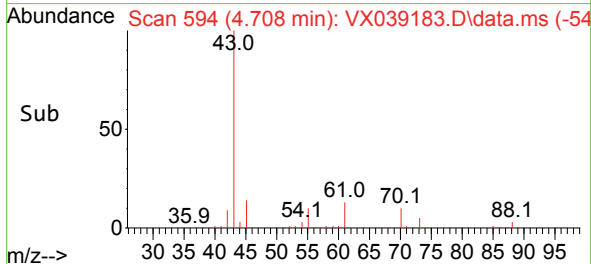
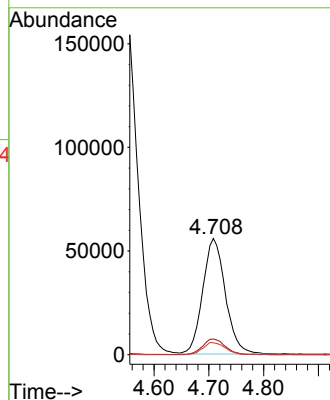
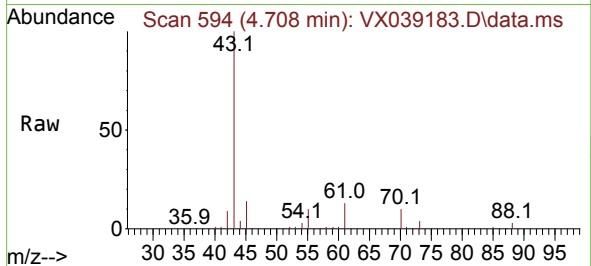




#37
Ethyl Acetate
Concen: 50.205 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

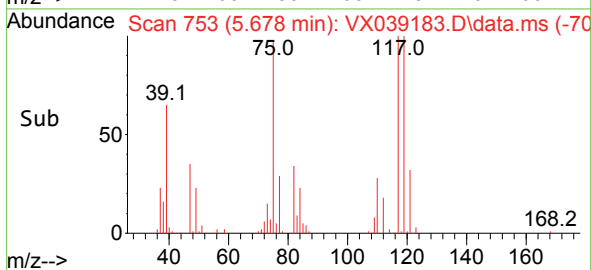
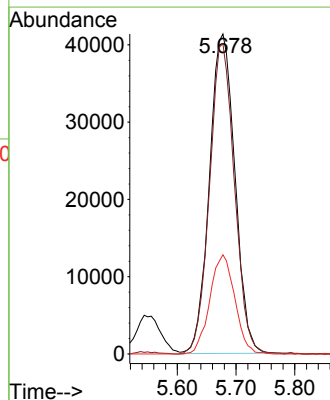
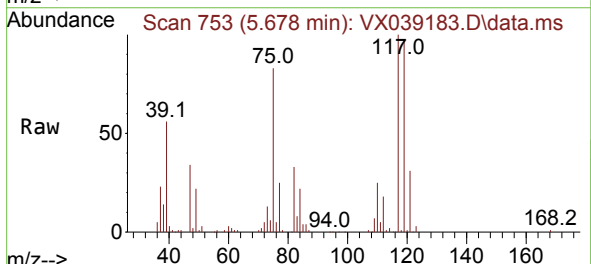
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

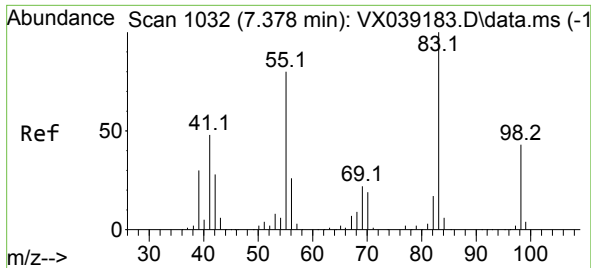
Tgt Ion: 43 Resp: 160454
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 50.461 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 117 Resp: 124574
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 31.1 24.4 36.6

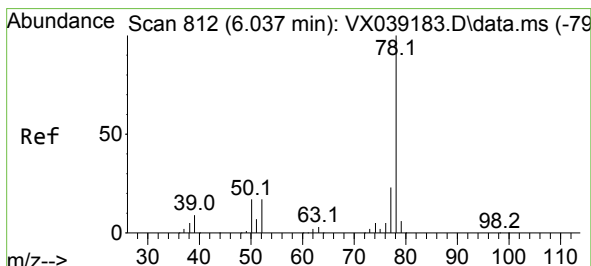
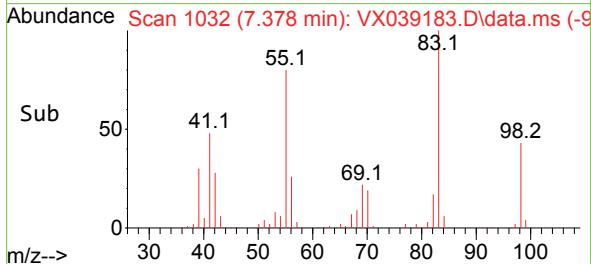
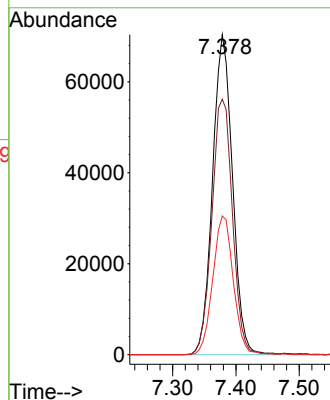
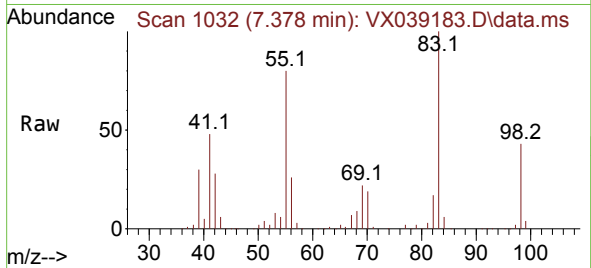




#39
Methylcyclohexane
Concen: 49.549 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

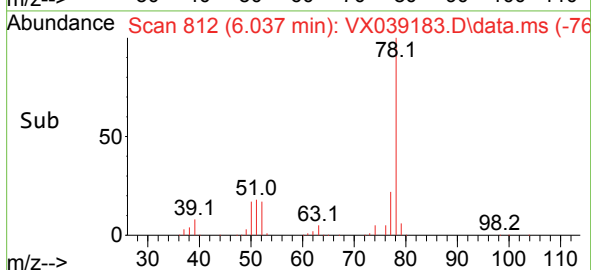
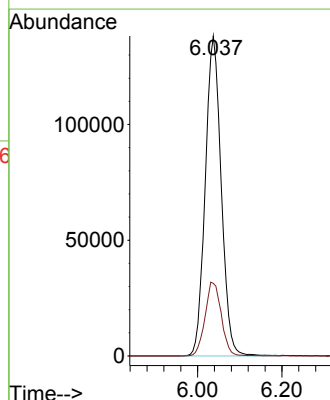
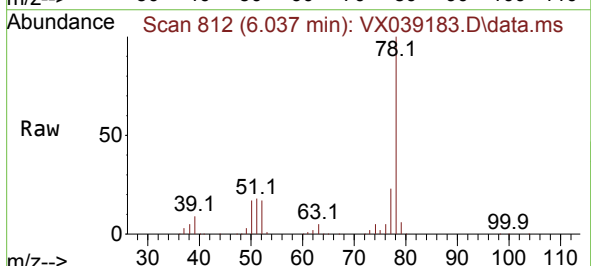
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

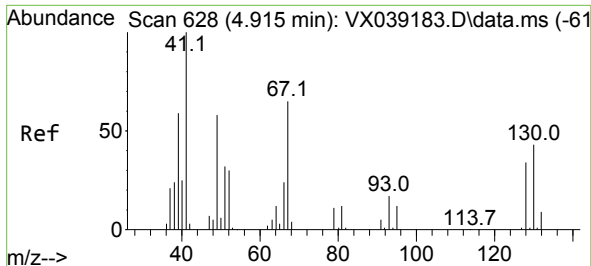
Tgt Ion: 83 Resp: 153965
Ion Ratio Lower Upper
83 100
55 79.8 64.6 97.0
98 43.4 36.7 55.1



#40
Benzene
Concen: 49.751 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 78 Resp: 364059
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

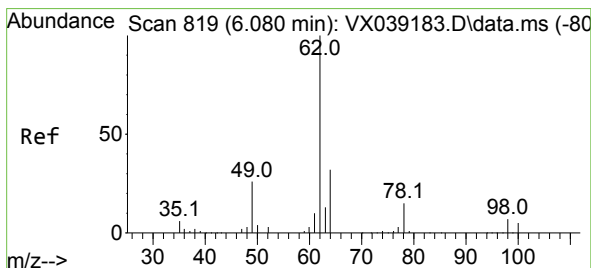
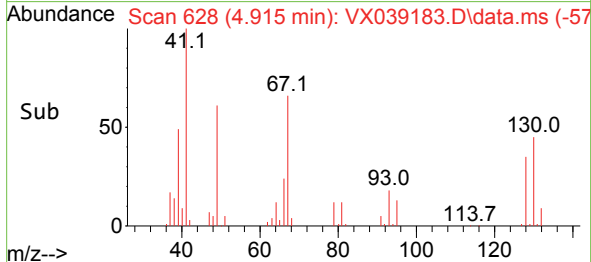
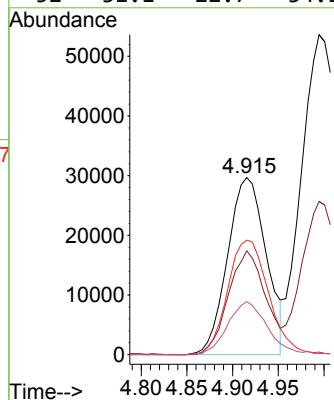
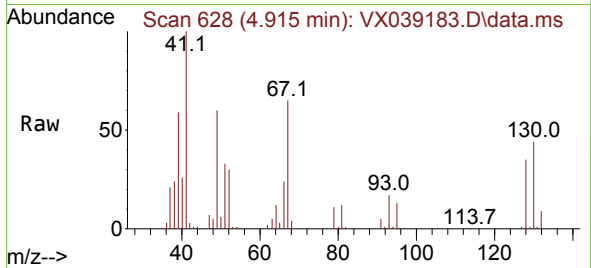




#41
Methacrylonitrile
Concen: 51.208 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

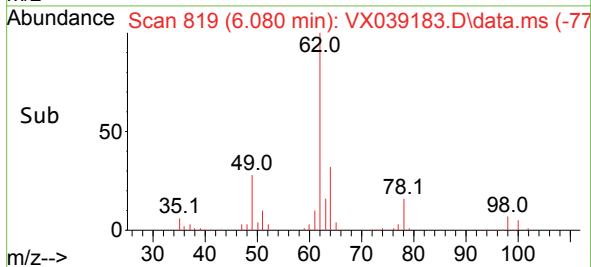
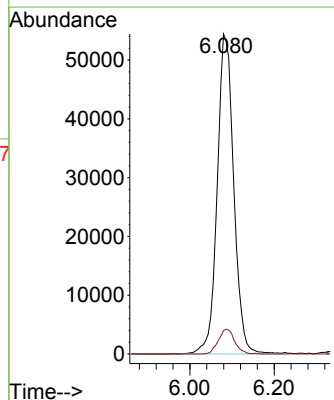
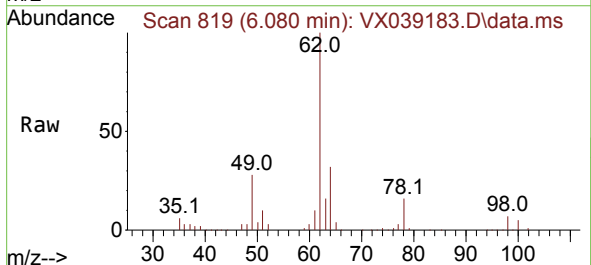
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

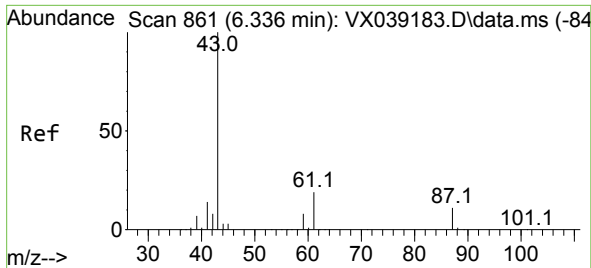
Tgt Ion:	41	Resp:	87321
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.2	67.8
67	68.5	52.6	78.8
52	31.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 49.921 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion:	62	Resp:	147873
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0

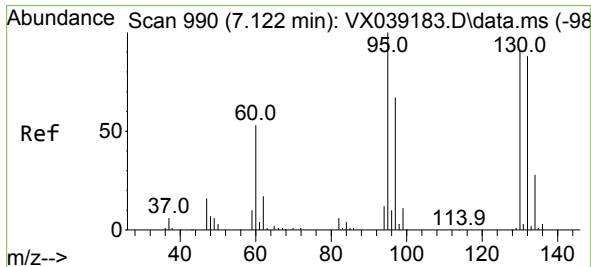
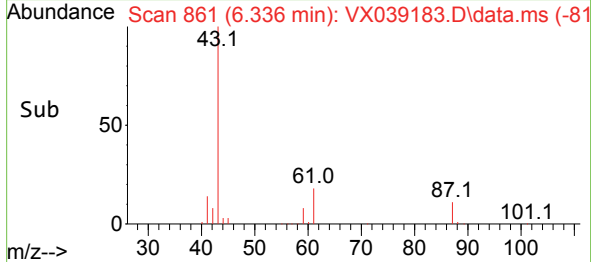
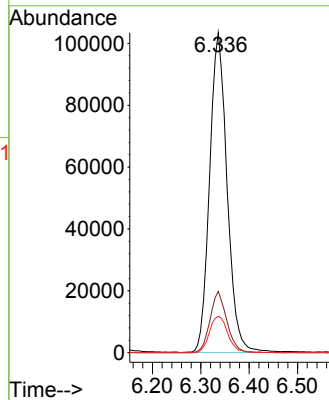
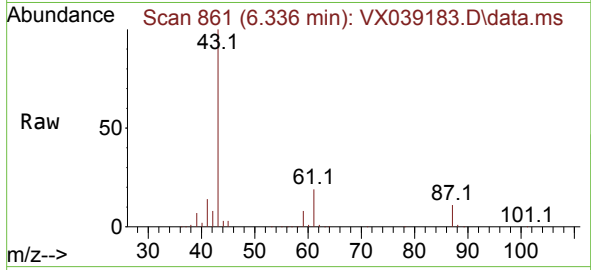




#43
Isopropyl Acetate
Concen: 50.052 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

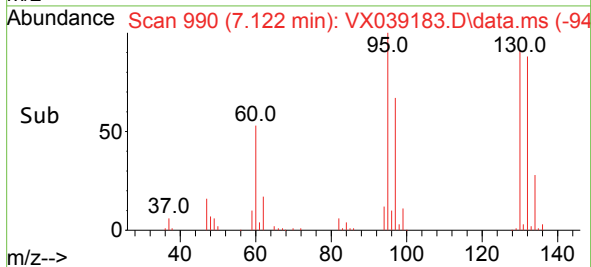
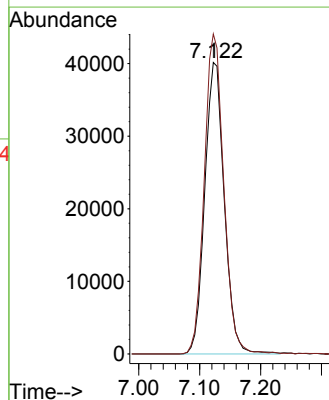
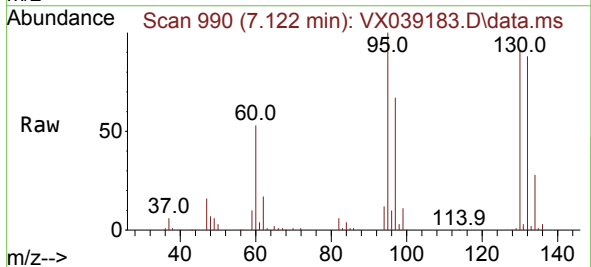
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

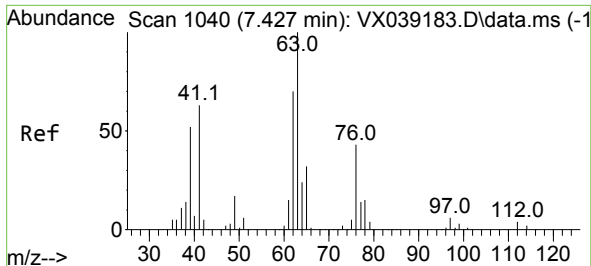
Tgt Ion: 43 Resp: 260126
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 11.9 9.8 14.6



#44
Trichloroethene
Concen: 48.559 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion:130 Resp: 89669
Ion Ratio Lower Upper
130 100
95 109.8 0.0 204.4

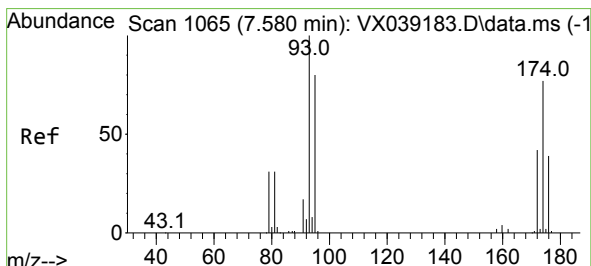
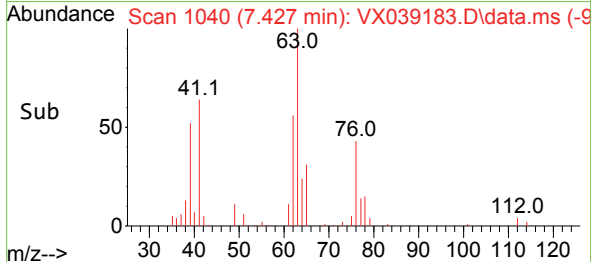
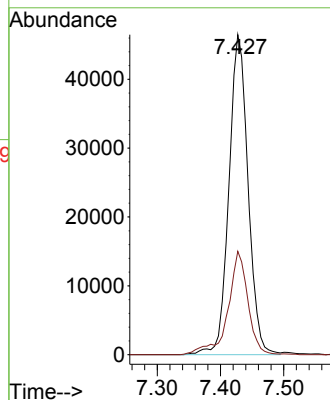
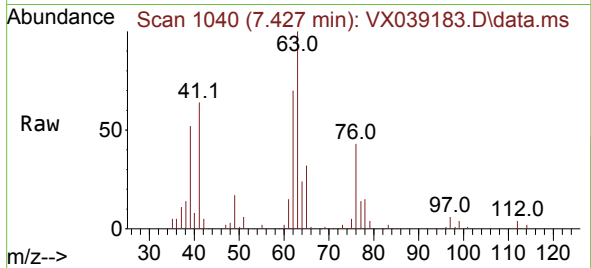




#45
1,2-Dichloropropane
Concen: 49.794 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

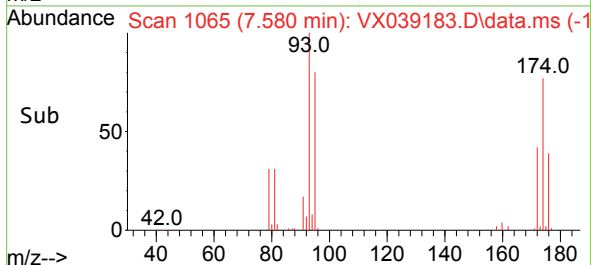
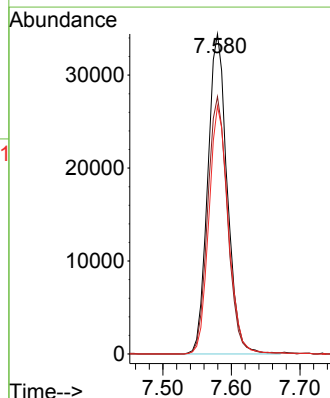
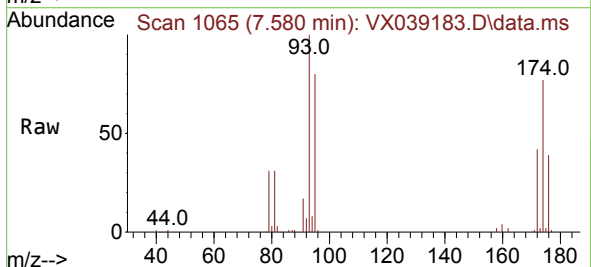
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

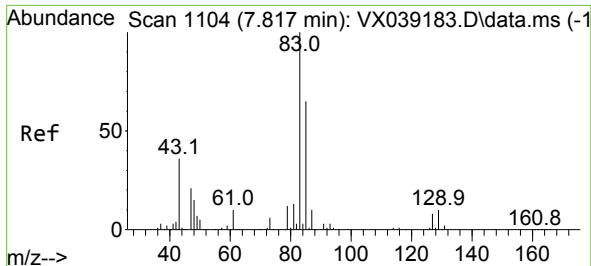
Tgt Ion: 63 Resp: 97791
Ion Ratio Lower Upper
63 100
65 32.3 24.3 36.5



#46
Dibromomethane
Concen: 49.362 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 93 Resp: 68147
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 77.9 69.4 104.0

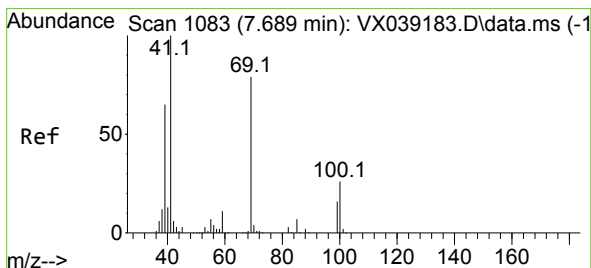
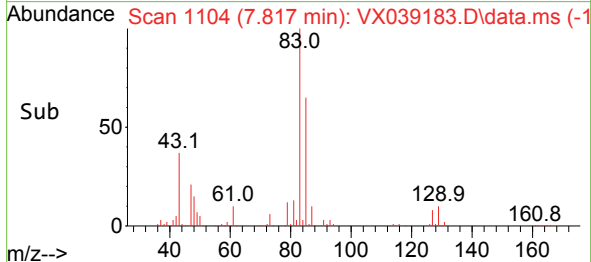
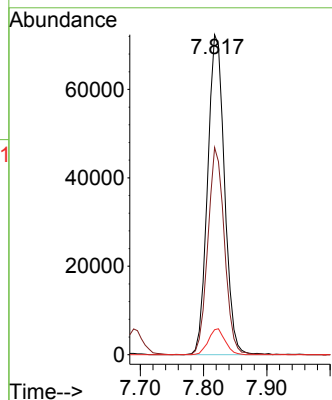
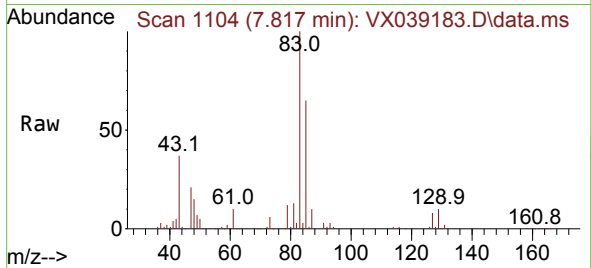




#47
Bromodichloromethane
Concen: 50.927 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

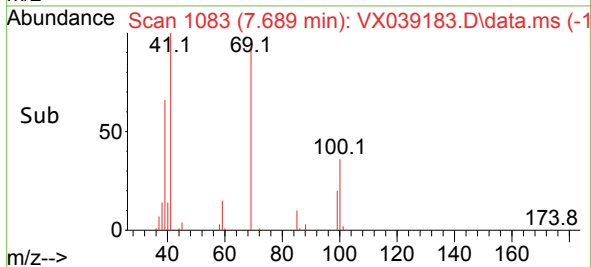
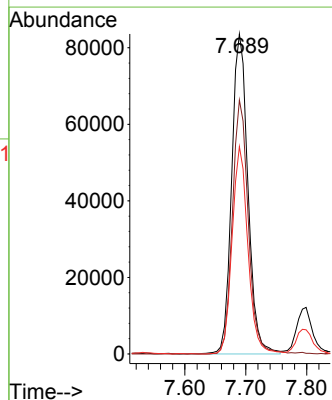
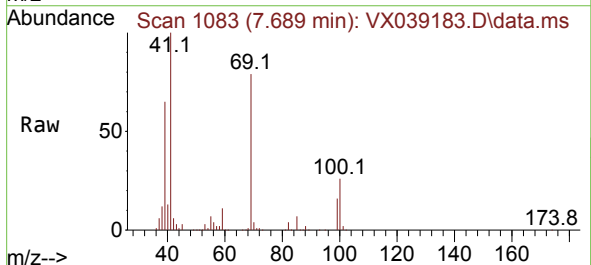
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

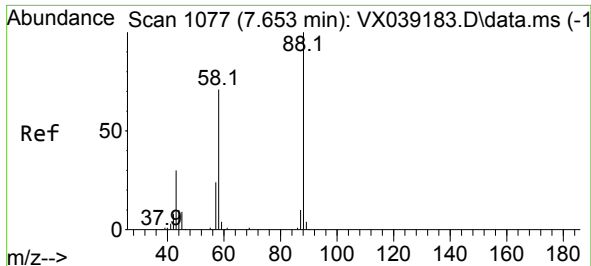
Tgt Ion: 83 Resp: 134430
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 50.978 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 41 Resp: 154889
Ion Ratio Lower Upper
41 100
69 77.8 59.2 88.8
39 63.1 47.7 71.5

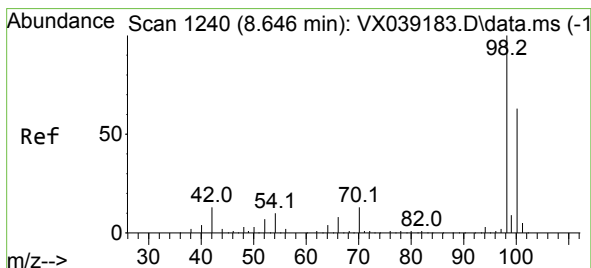
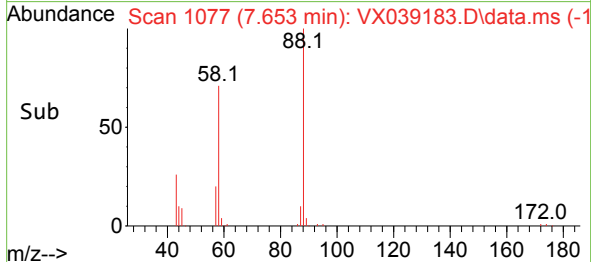
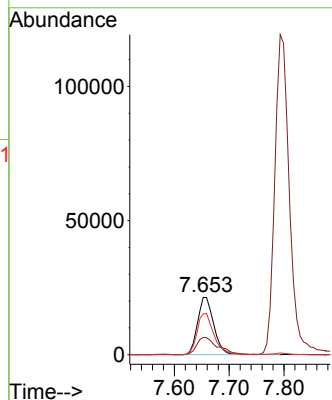
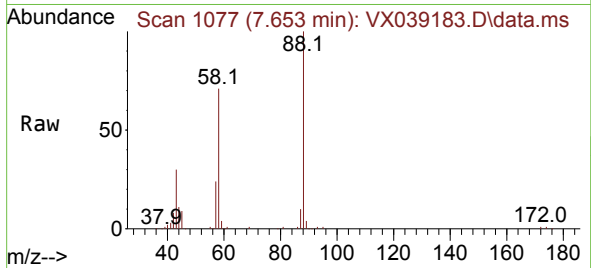




#49
1,4-Dioxane
Concen: 1073.100 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

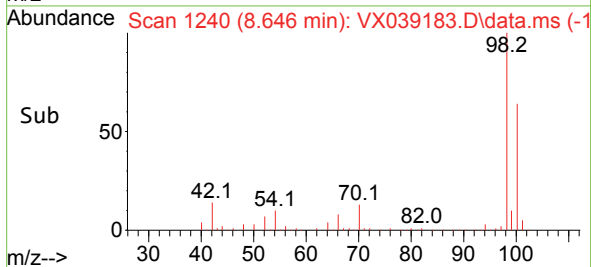
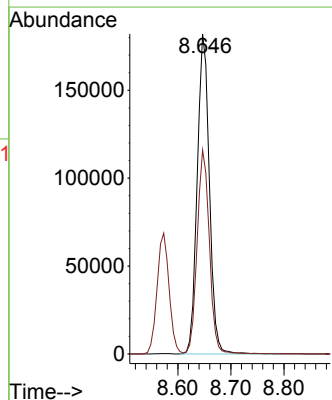
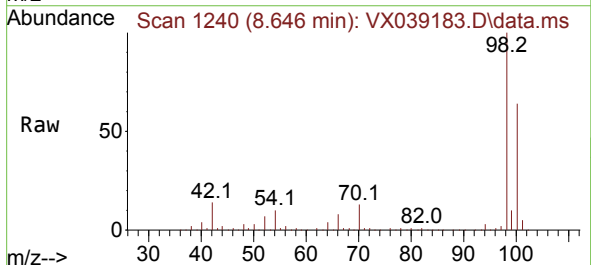
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

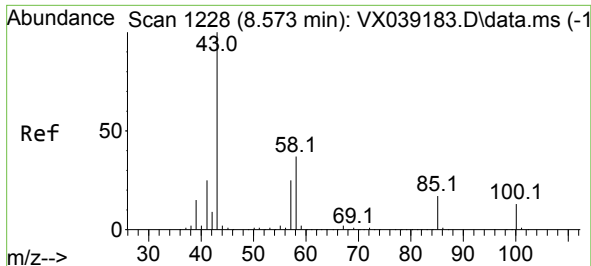
Tgt Ion: 88 Resp: 43949
Ion Ratio Lower Upper
88 100
43 39.4 0.0 0.0#
58 74.4 60.1 90.1



#50
Toluene-d8
Concen: 47.644 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 98 Resp: 289963
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

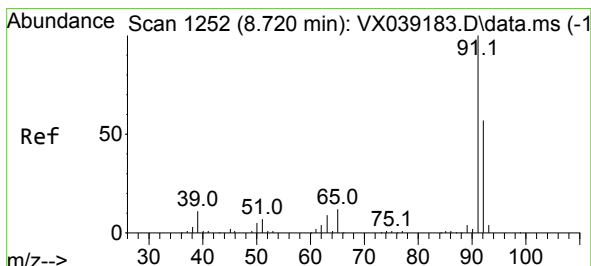
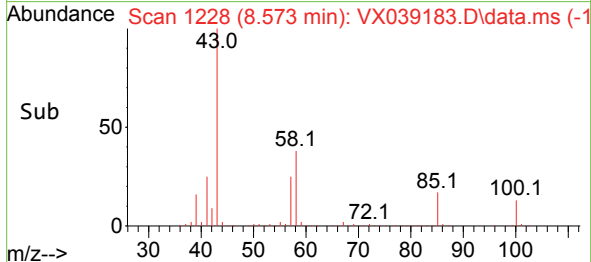
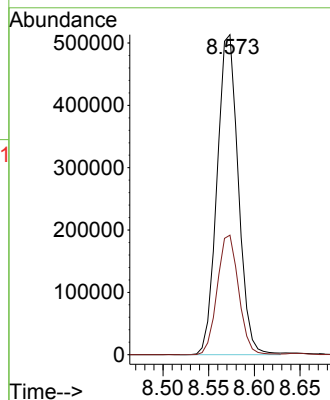
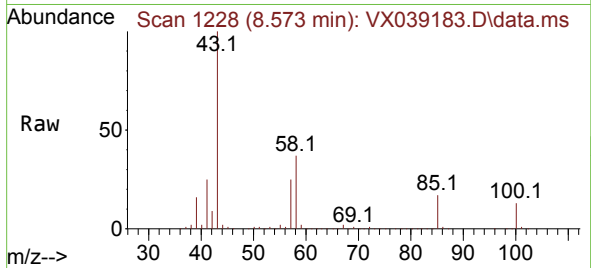




#51
4-Methyl-2-Pentanone
Concen: 250.877 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

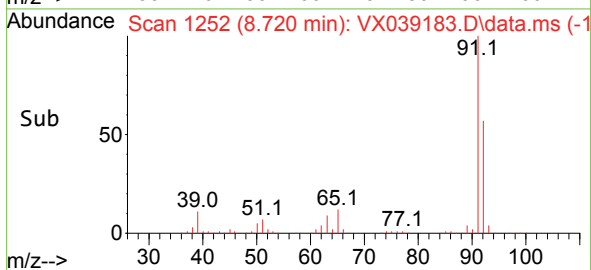
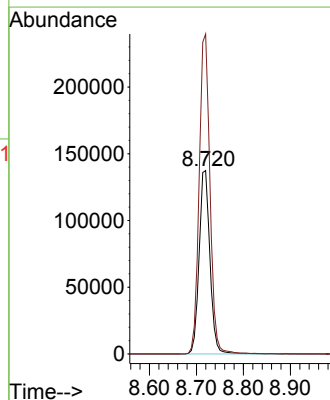
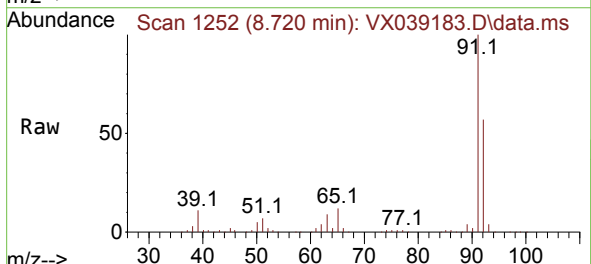
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

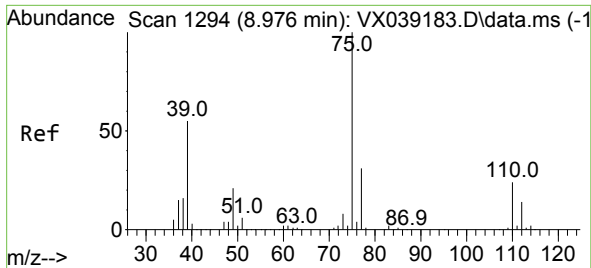
Tgt Ion: 43 Resp: 830736
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6



#52
Toluene
Concen: 49.923 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 92 Resp: 220494
Ion Ratio Lower Upper
92 100
91 174.2 134.2 201.2

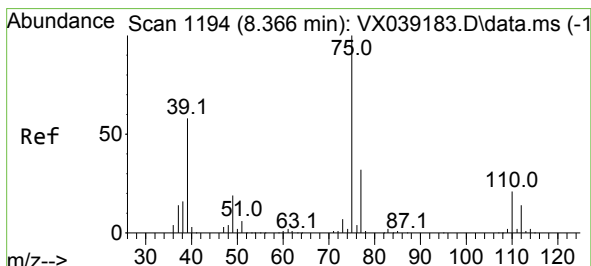
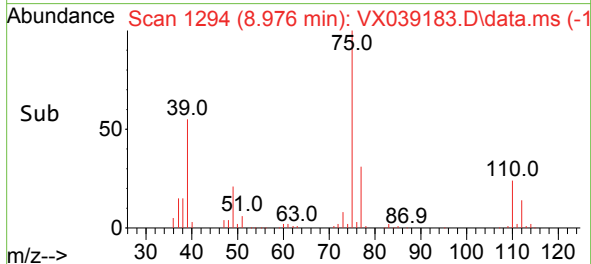
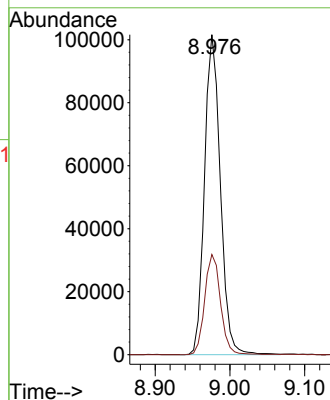
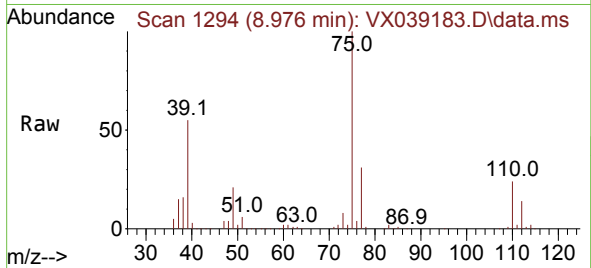




#53
 t-1,3-Dichloropropene
 Concen: 51.404 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

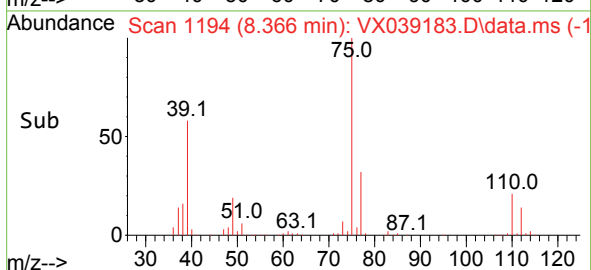
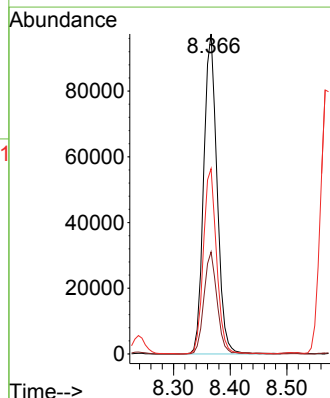
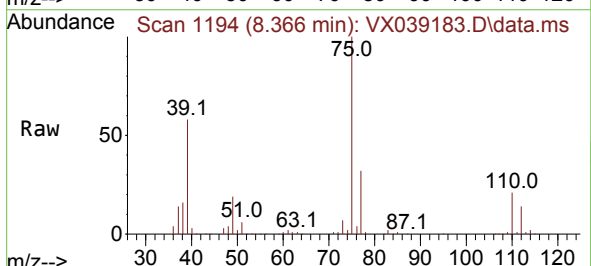
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

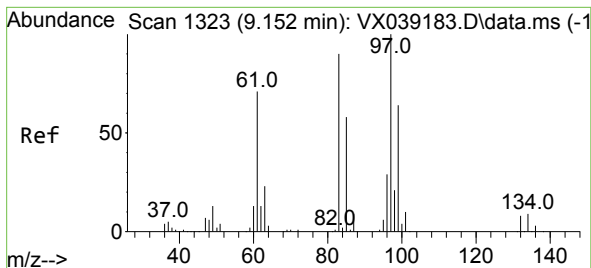
Tgt Ion: 75 Resp: 149385
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.880 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

Tgt Ion: 75 Resp: 159097
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 57.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 49.010 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 90368

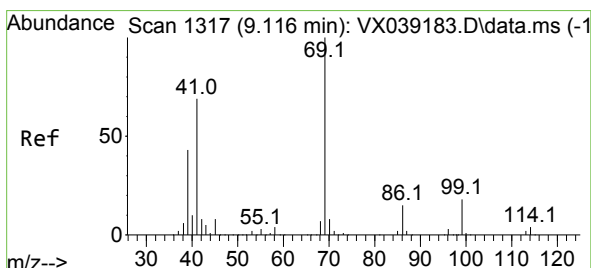
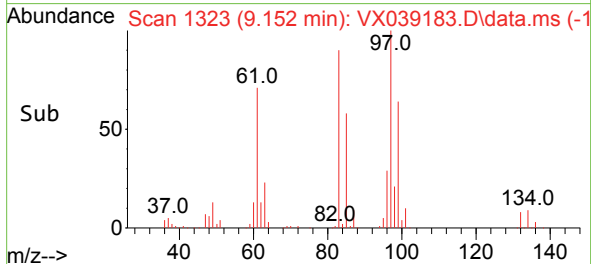
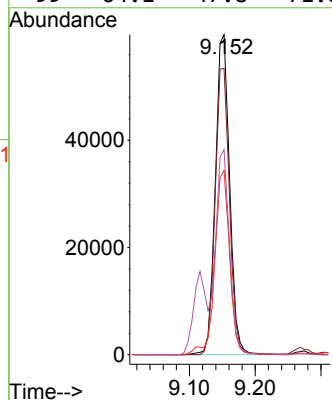
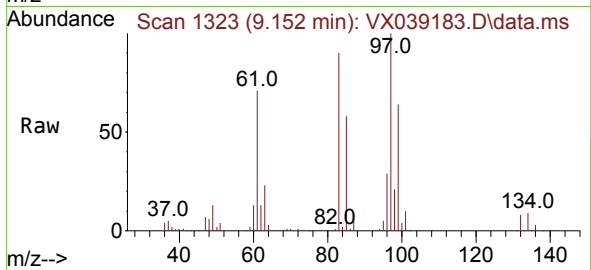
Ion Ratio Lower Upper

97 100

83 89.5 65.8 98.8

85 57.5 41.6 62.4

99 64.1 47.8 71.8



#56

Ethyl methacrylate

Concen: 52.333 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

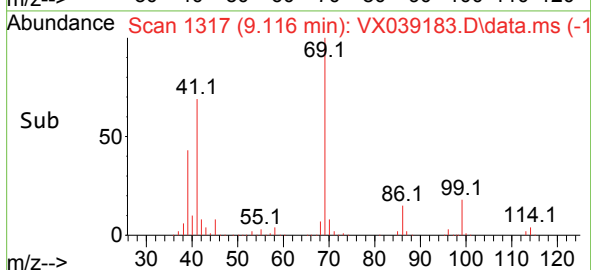
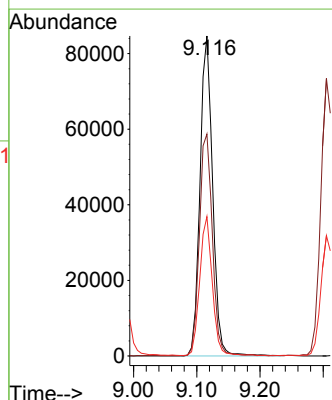
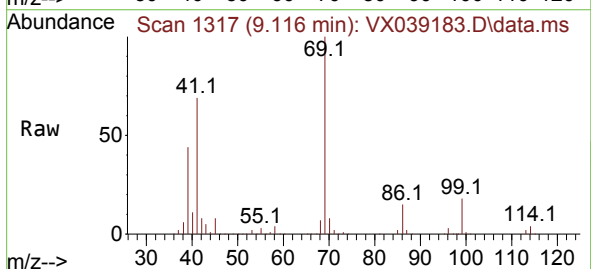
Tgt Ion: 69 Resp: 117798

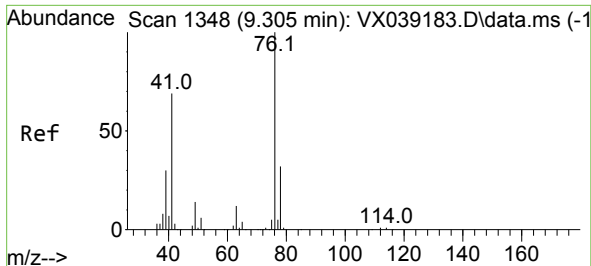
Ion Ratio Lower Upper

69 100

41 71.5 56.8 85.2

39 43.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.477 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

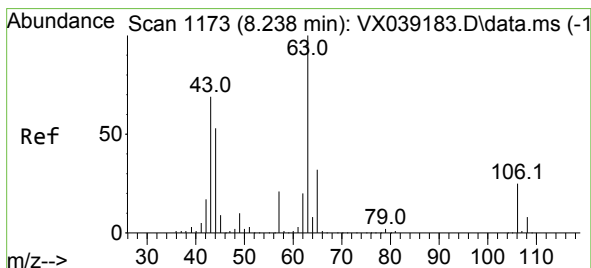
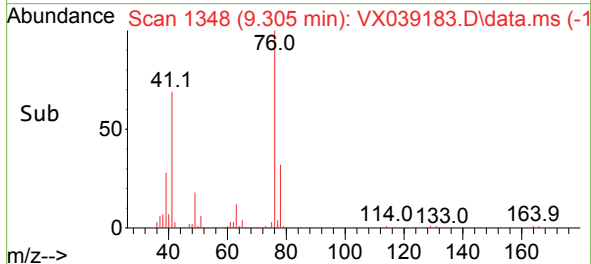
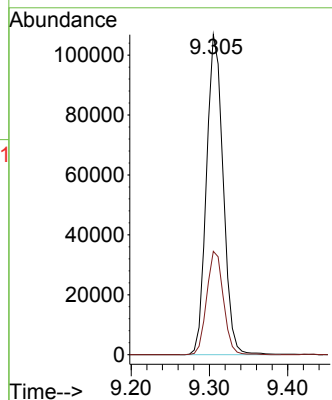
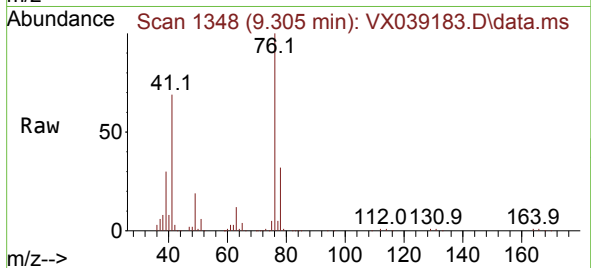
VSTDICCC050

Tgt Ion: 76 Resp: 157718

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 261.567 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039183.D

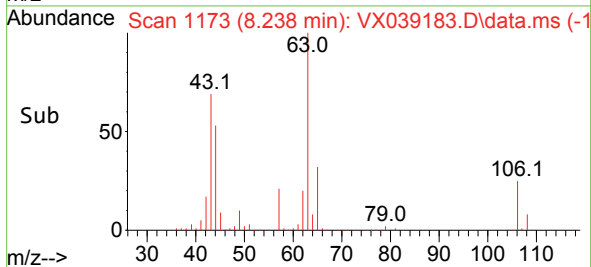
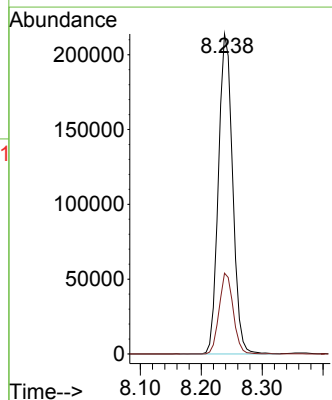
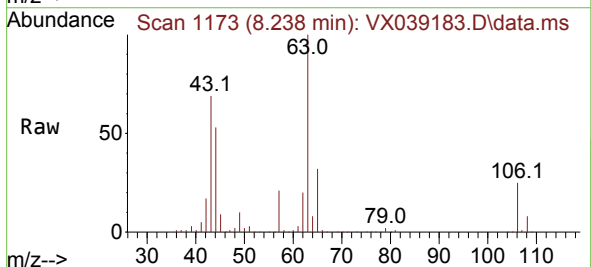
Acq: 13 Dec 2023 11:20

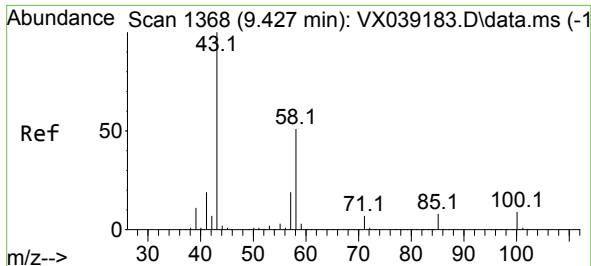
Tgt Ion: 63 Resp: 345721

Ion Ratio Lower Upper

63 100

106 25.0 22.5 33.7





#59

2-Hexanone

Concen: 235.702 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

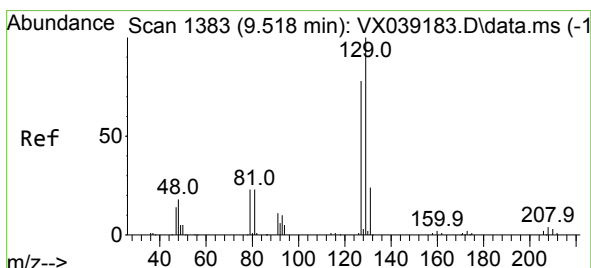
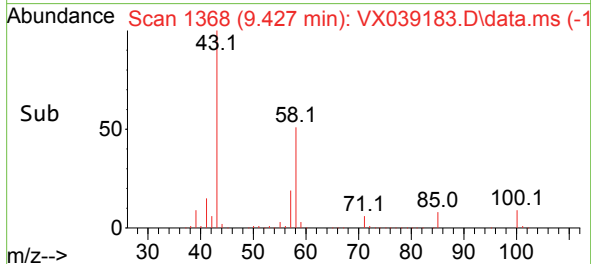
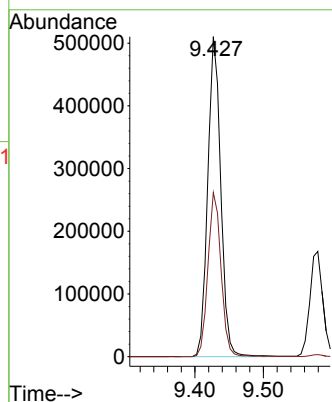
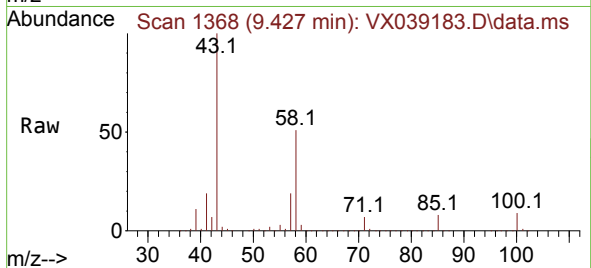
VSTDICCC050

Tgt Ion: 43 Resp: 673589

Ion Ratio Lower Upper

43 100

58 51.8 26.2 78.5



#60

Dibromochloromethane

Concen: 50.232 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039183.D

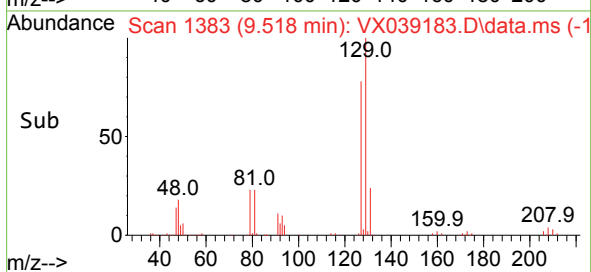
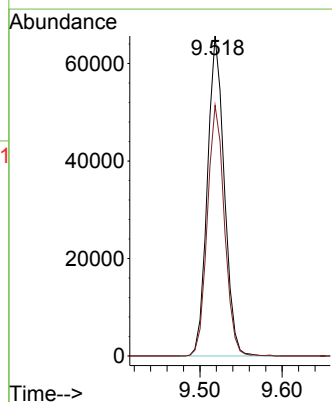
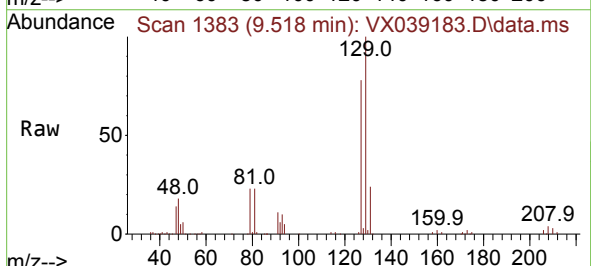
Acq: 13 Dec 2023 11:20

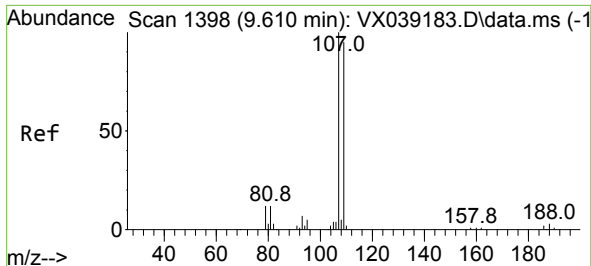
Tgt Ion: 129 Resp: 93671

Ion Ratio Lower Upper

129 100

127 79.1 38.8 116.4

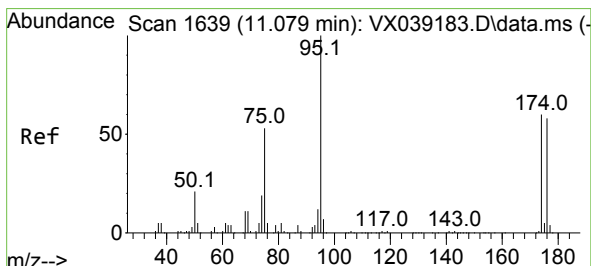
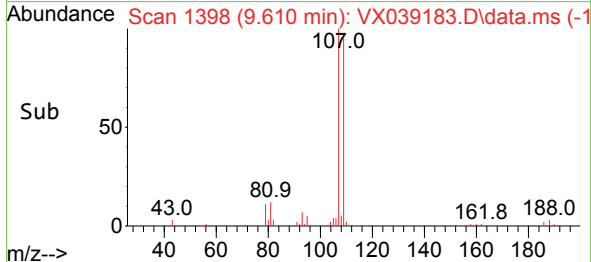
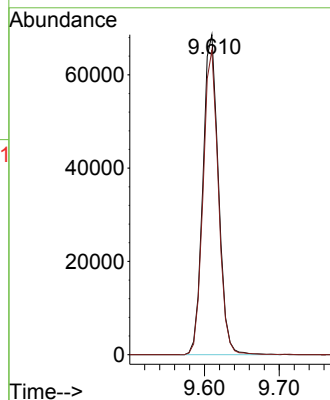
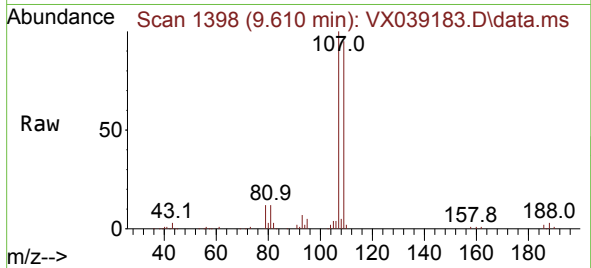




#61
1,2-Dibromoethane
Concen: 50.259 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

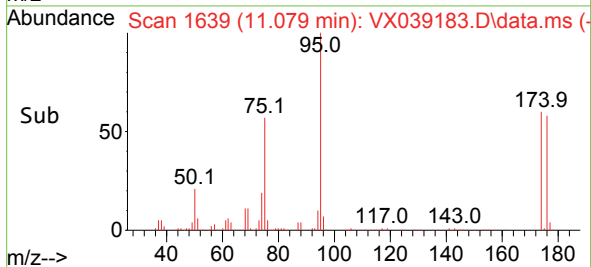
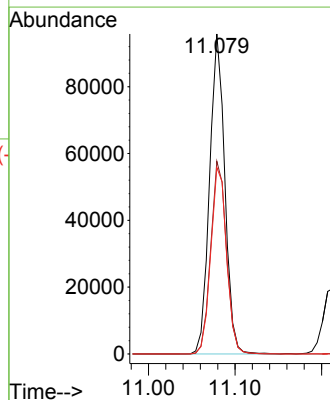
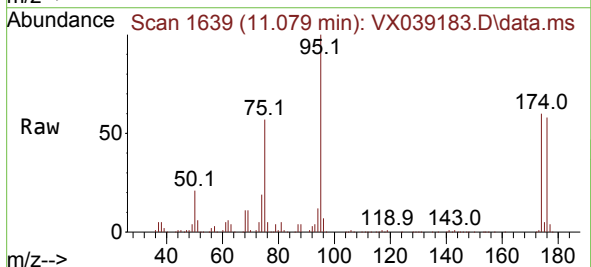
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

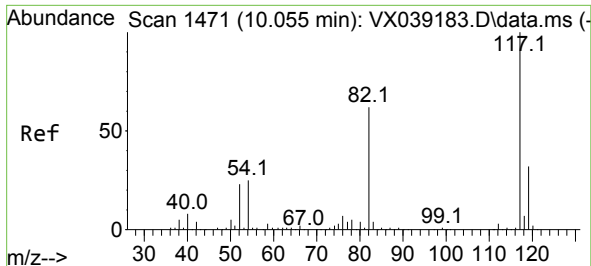
Tgt Ion:107 Resp: 98930
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 46.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 95 Resp: 116828
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.6
176 60.6 0.0 131.0

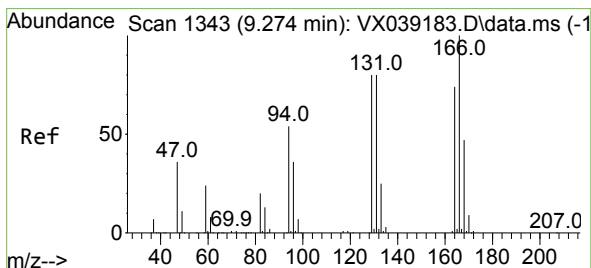
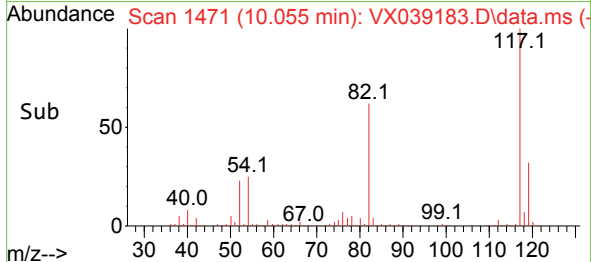
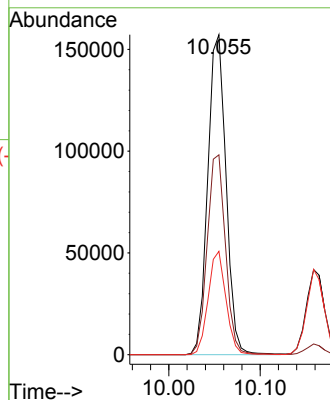
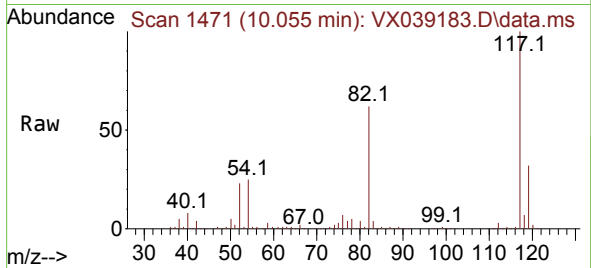




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

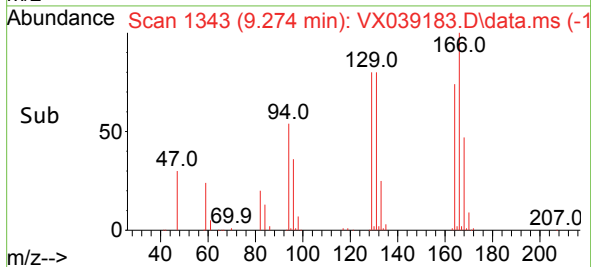
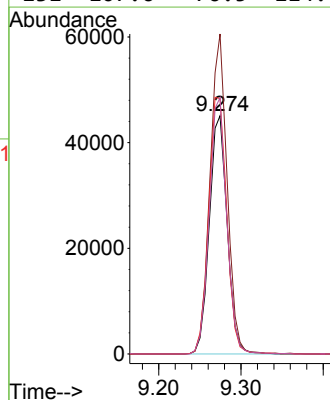
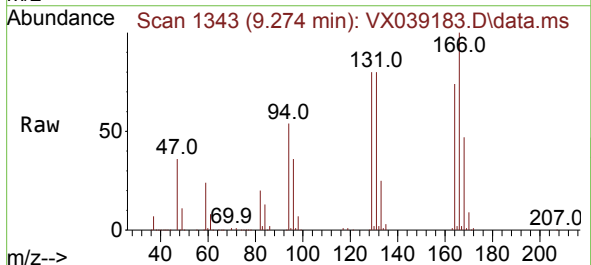
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

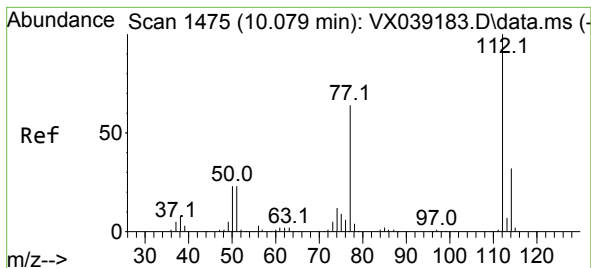
Tgt Ion:117 Resp: 218794
Ion Ratio Lower Upper
117 100
82 62.4 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 47.437 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion:164 Resp: 67823
Ion Ratio Lower Upper
164 100
166 134.4 102.7 154.1
129 107.2 80.4 120.6
131 107.6 76.5 114.7





#65

Chlorobenzene

Concen: 48.067 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

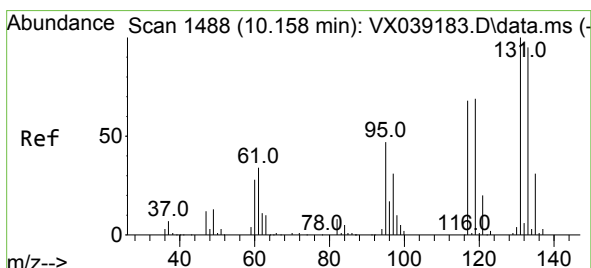
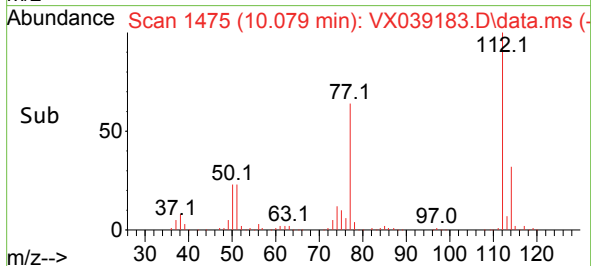
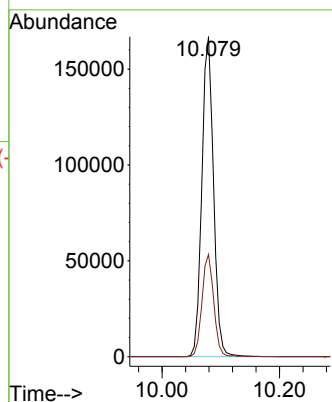
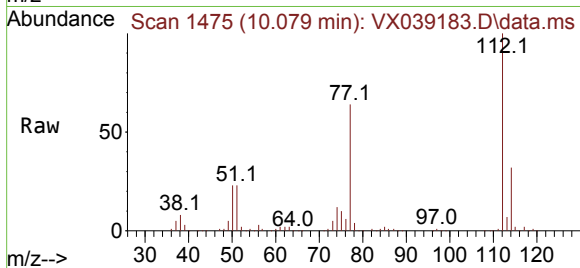
VSTDICCC050

Tgt Ion:112 Resp: 229547

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.610 ug/l

RT: 10.158 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

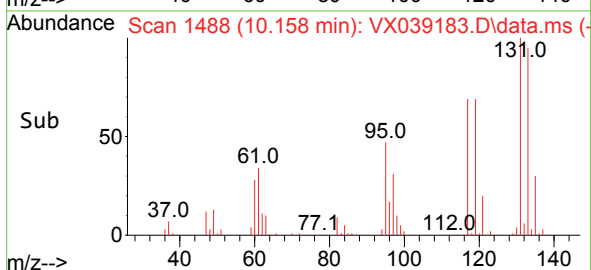
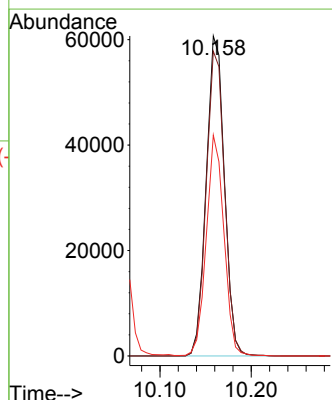
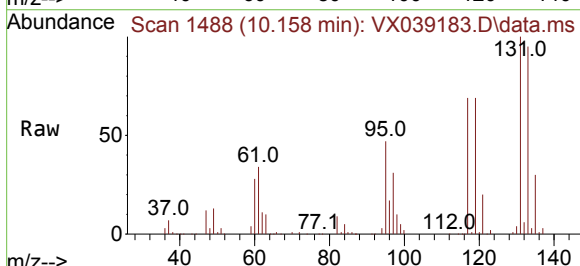
Tgt Ion:131 Resp: 83686

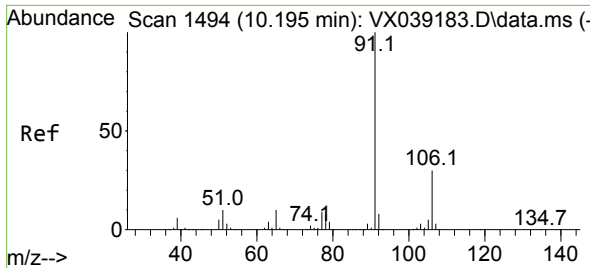
Ion Ratio Lower Upper

131 100

133 96.3 47.1 141.4

119 67.1 32.2 96.6

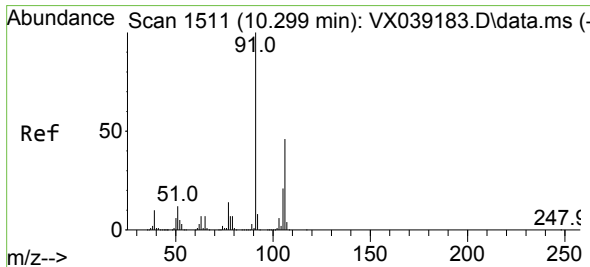
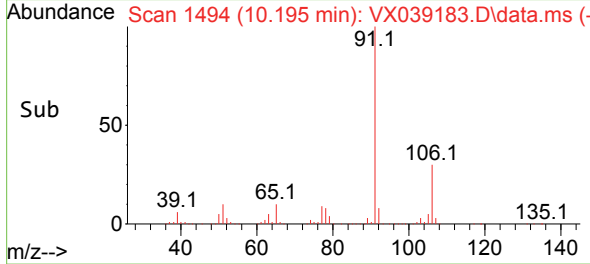
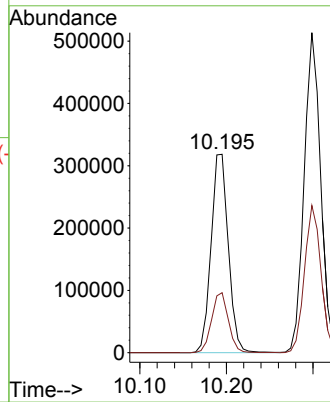
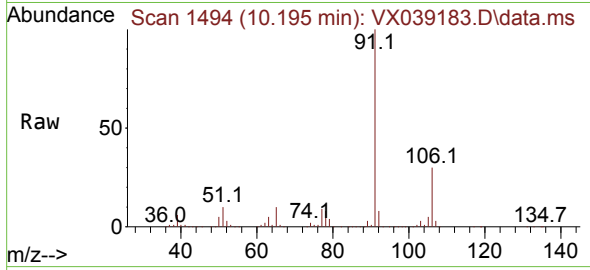




#67
Ethyl Benzene
Concen: 49.554 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

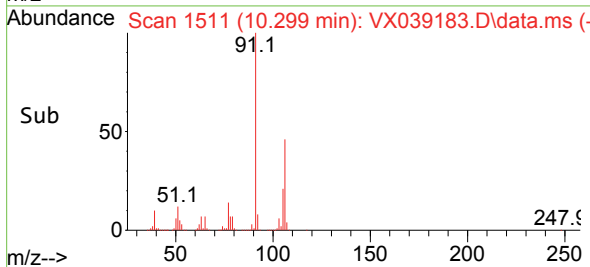
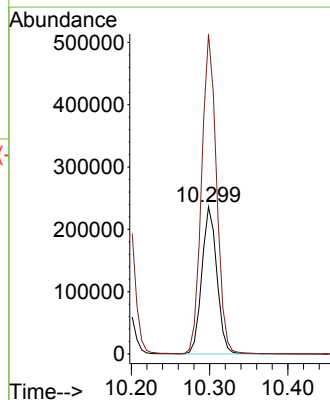
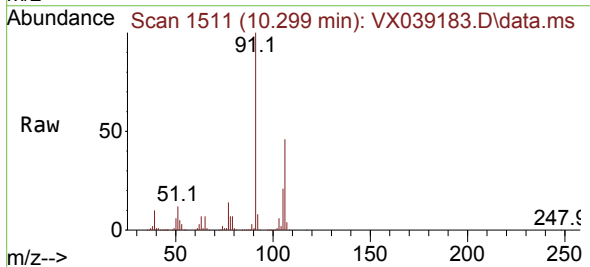
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

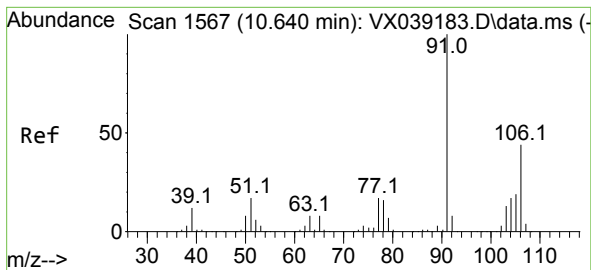
Tgt Ion: 91 Resp: 440511
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#68
m/p-Xylenes
Concen: 98.728 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 106 Resp: 314674
Ion Ratio Lower Upper
106 100
91 216.7 165.5 248.3

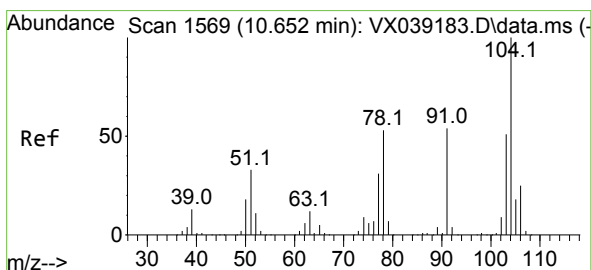
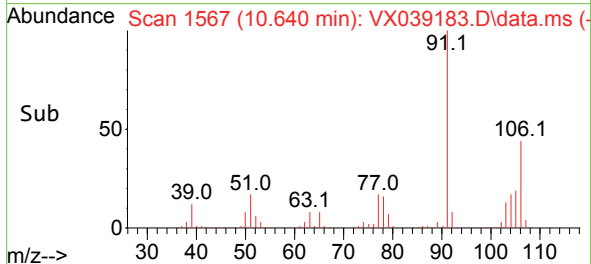
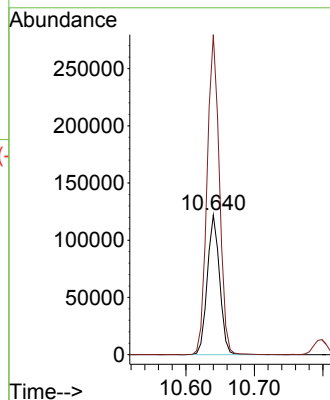
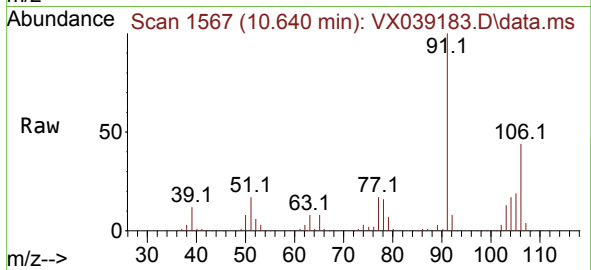




#69
o-Xylene
Concen: 49.578 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

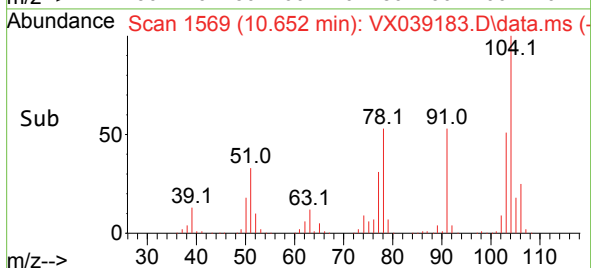
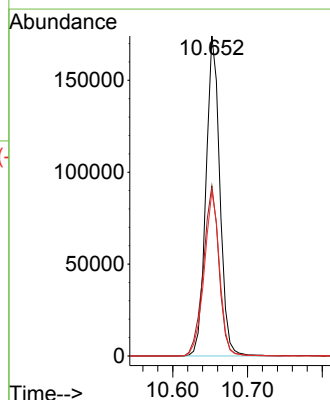
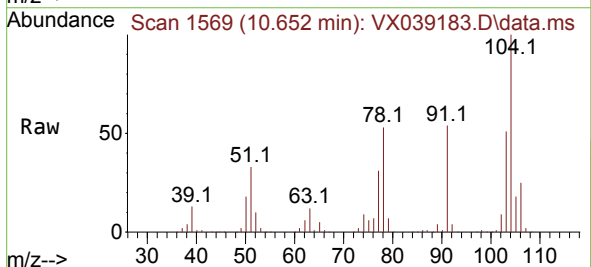
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

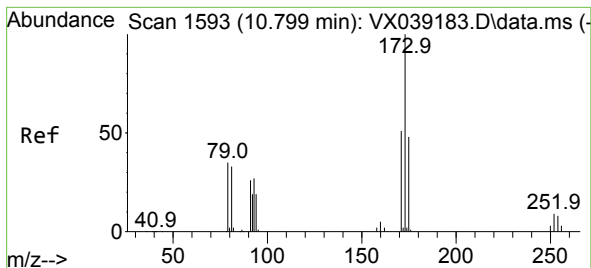
Tgt Ion:106 Resp: 152784
Ion Ratio Lower Upper
106 100
91 229.0 108.9 326.8



#70
Styrene
Concen: 50.012 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion:104 Resp: 225312
Ion Ratio Lower Upper
104 100
78 59.5 43.6 65.4
103 56.5 43.6 65.4





#71

Bromoform

Concen: 51.317 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

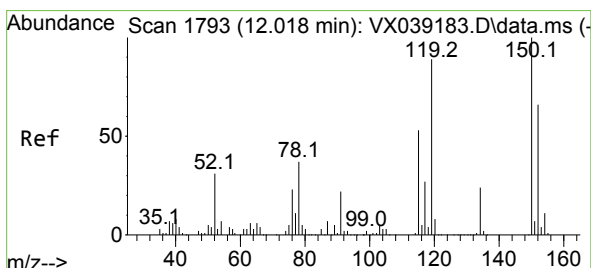
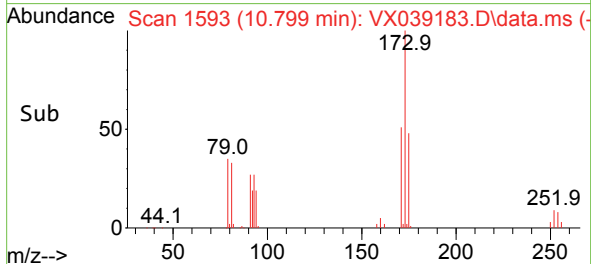
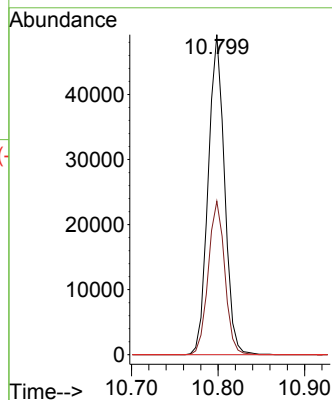
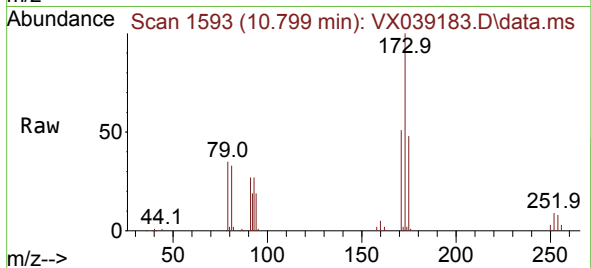
Tgt Ion:173 Resp: 64344

Ion Ratio Lower Upper

173 100

175 48.6 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: VX039183.D

Acq: 13 Dec 2023 11:20

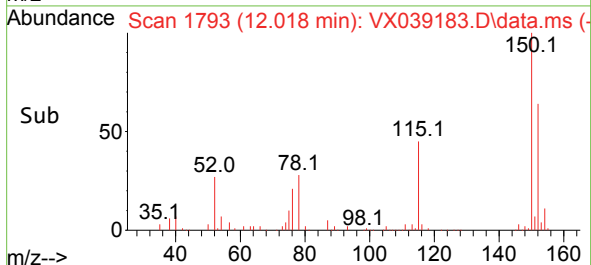
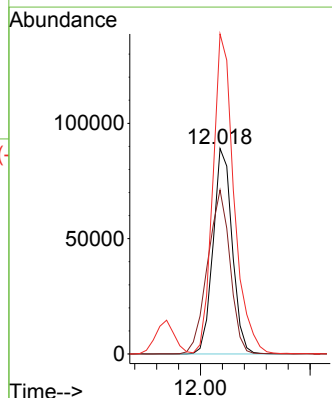
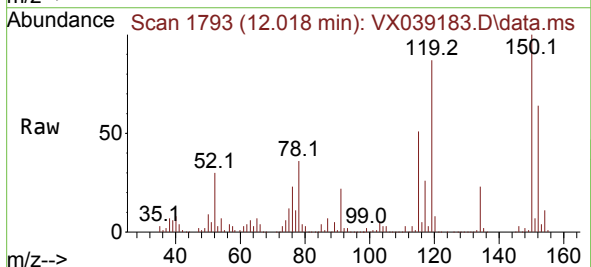
Tgt Ion:152 Resp: 107557

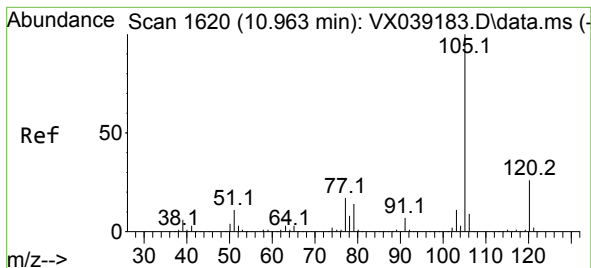
Ion Ratio Lower Upper

152 100

115 94.1 43.3 129.9

150 172.6 0.0 345.0





#73

Isopropylbenzene

Concen: 49.928 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

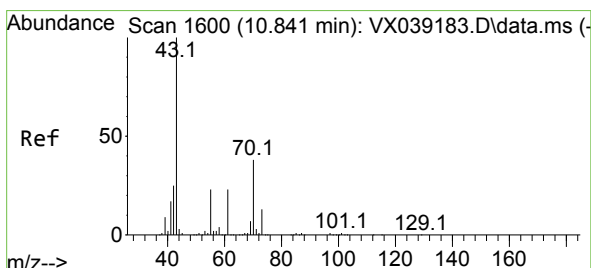
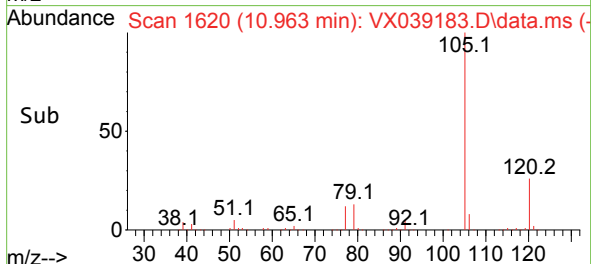
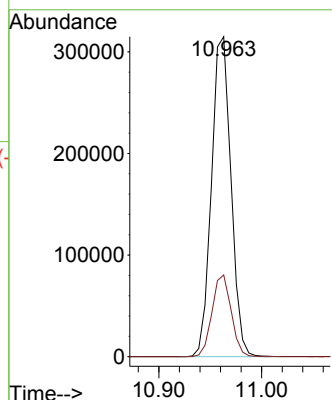
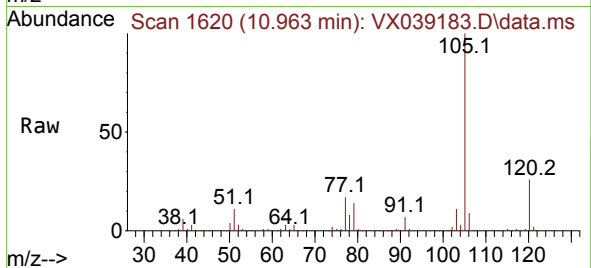
VSTDICCC050

Tgt Ion:105 Resp: 414329

Ion Ratio Lower Upper

105 100

120 25.0 12.9 38.6



#74

N-ethyl acetate

Concen: 51.171 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Tgt Ion: 43 Resp: 214849

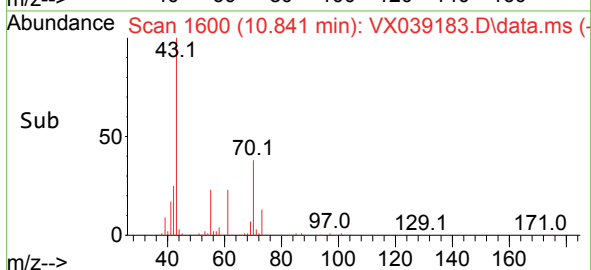
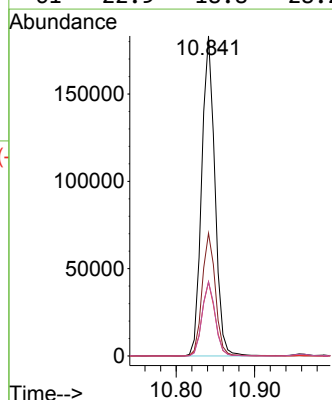
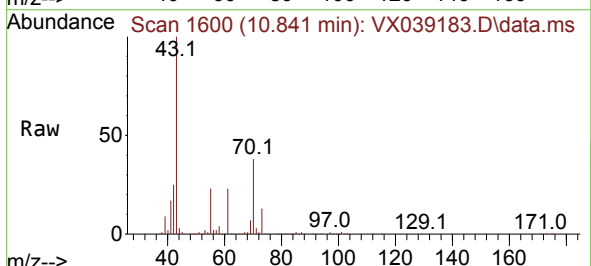
Ion Ratio Lower Upper

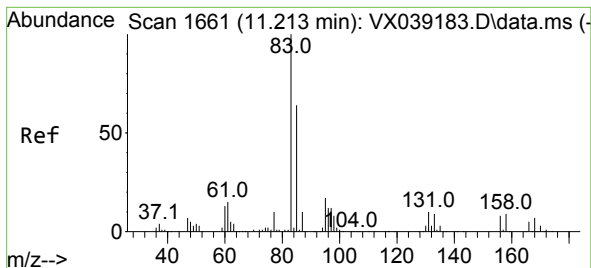
43 100

70 38.3 32.9 49.3

55 23.0 19.3 28.9

61 22.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.447 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

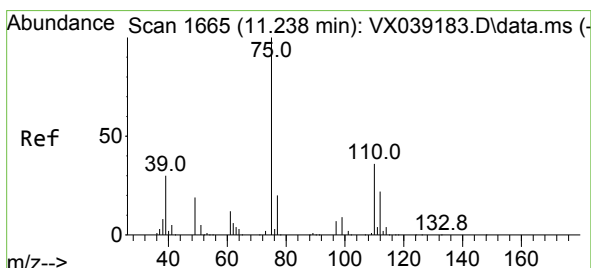
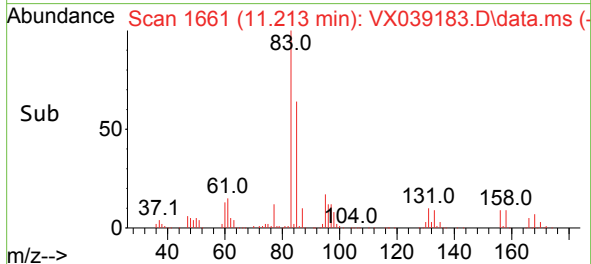
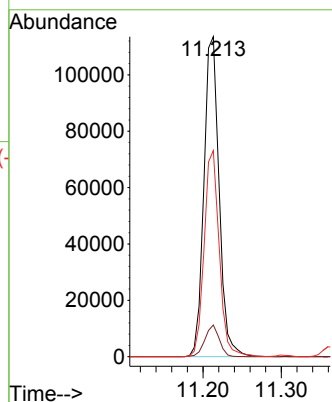
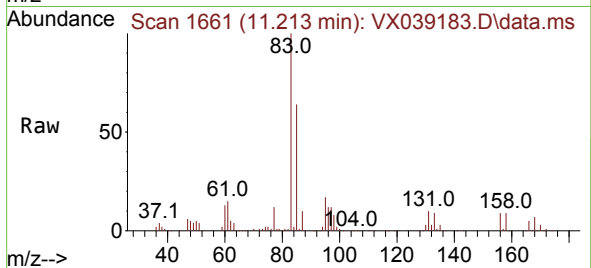
Tgt Ion: 83 Resp: 152648

Ion Ratio Lower Upper

83 100

131 9.4 5.3 15.8

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 66.776 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039183.D

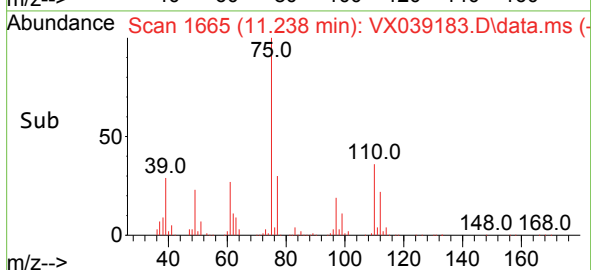
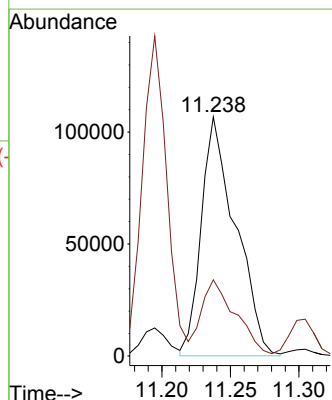
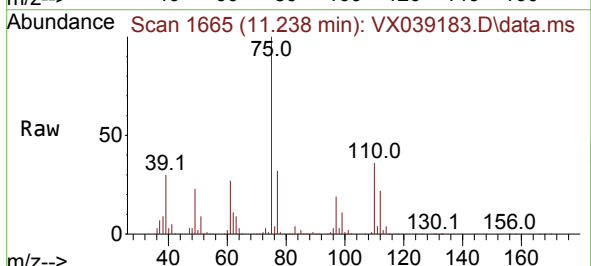
Acq: 13 Dec 2023 11:20

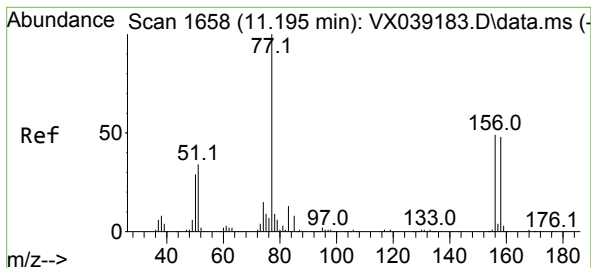
Tgt Ion: 75 Resp: 185817

Ion Ratio Lower Upper

75 100

77 31.8 19.1 57.5





#77

Bromobenzene

Concen: 49.448 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

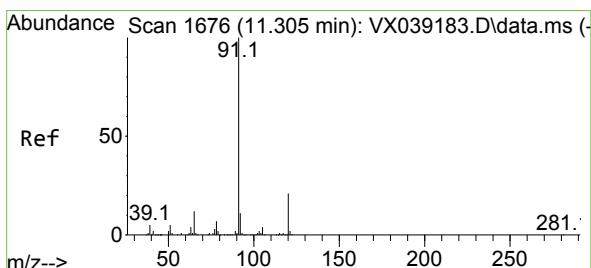
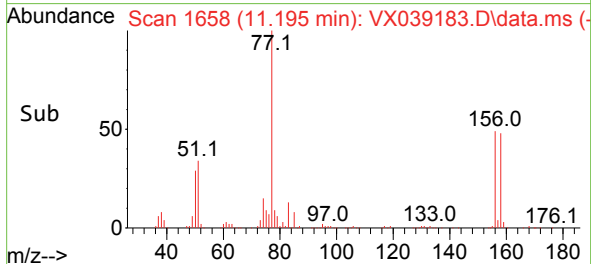
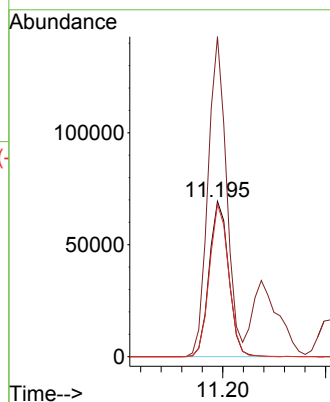
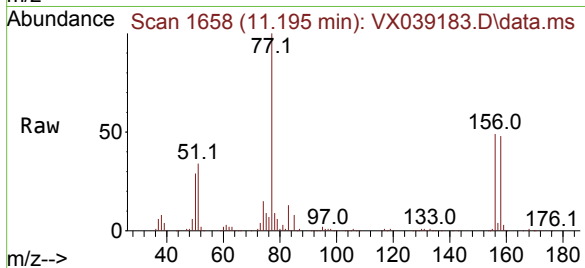
Tgt Ion:156 Resp: 90741

Ion Ratio Lower Upper

156 100

77 197.3 88.4 265.3

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 49.742 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039183.D

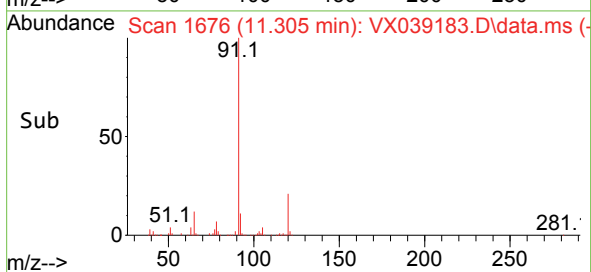
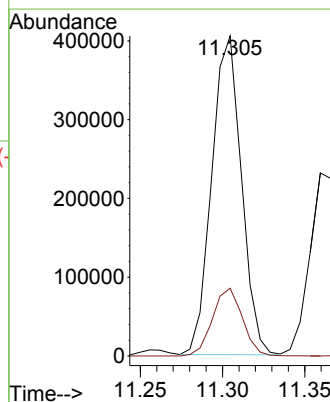
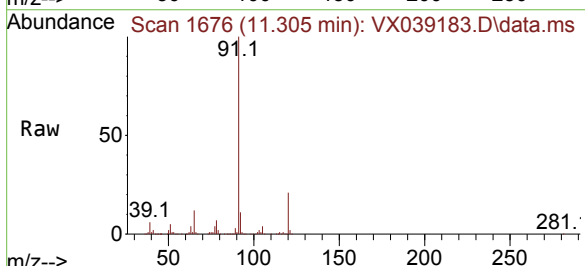
Acq: 13 Dec 2023 11:20

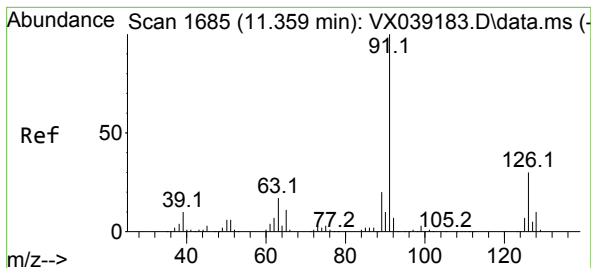
Tgt Ion: 91 Resp: 508581

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.705 ug/l

RT: 11.359 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

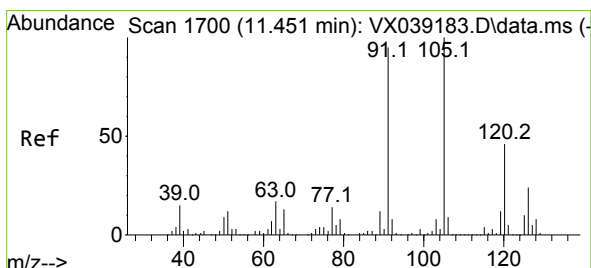
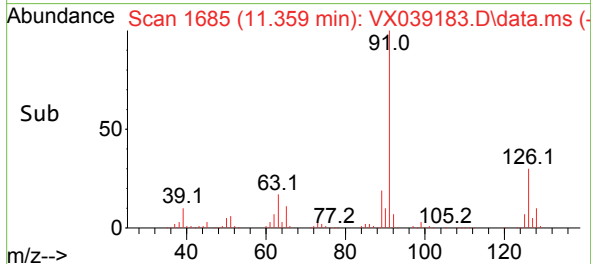
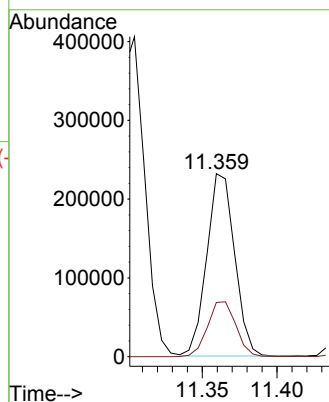
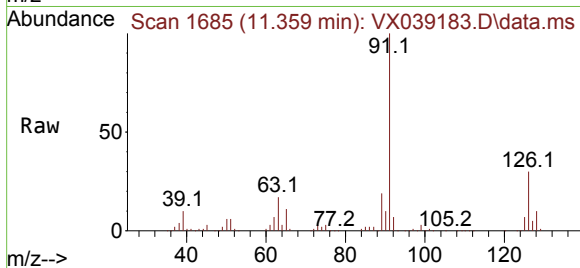
VSTDICCC050

Tgt Ion: 91 Resp: 301216

Ion Ratio Lower Upper

91 100

126 30.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.963 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039183.D

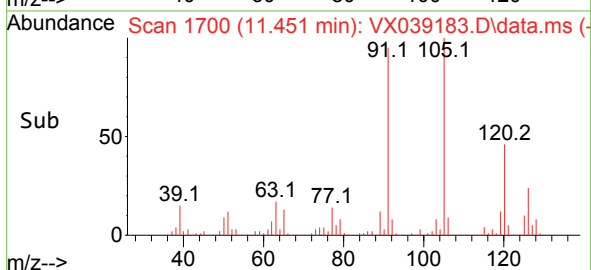
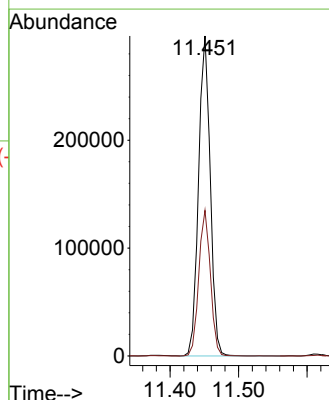
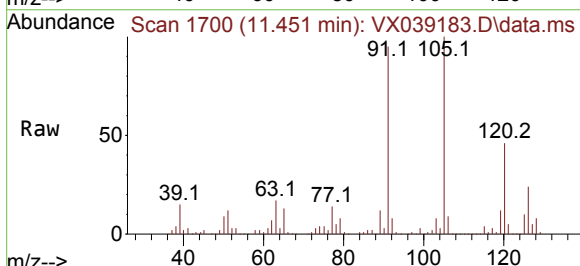
Acq: 13 Dec 2023 11:20

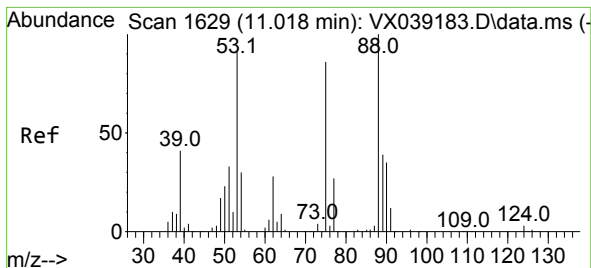
Tgt Ion: 105 Resp: 353206

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3

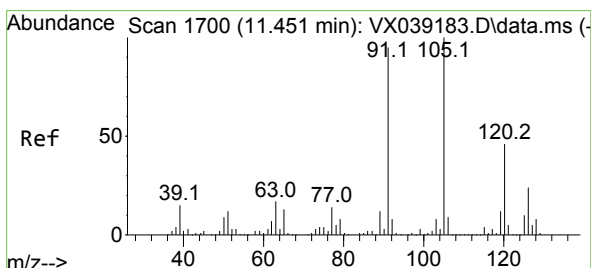
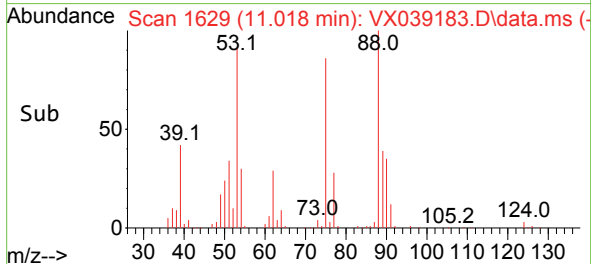
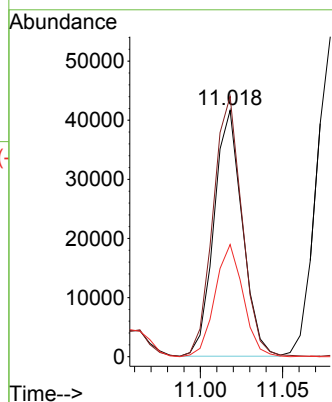
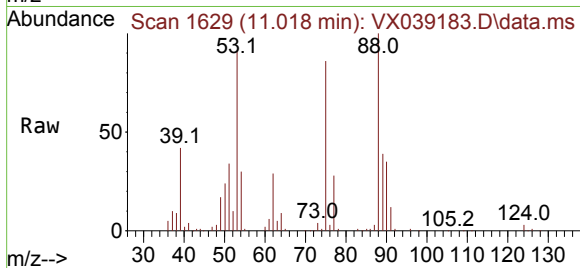




#81
trans-1,4-Dichloro-2-butene
Concen: 50.658 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

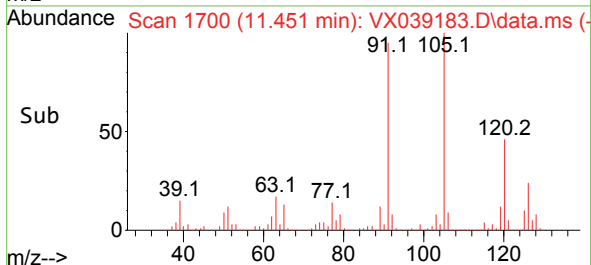
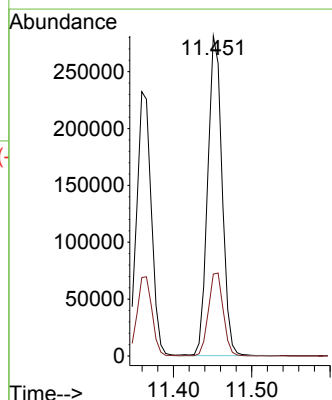
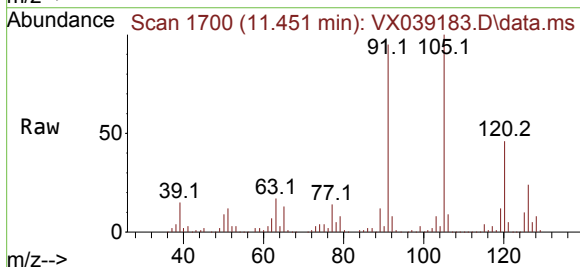
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

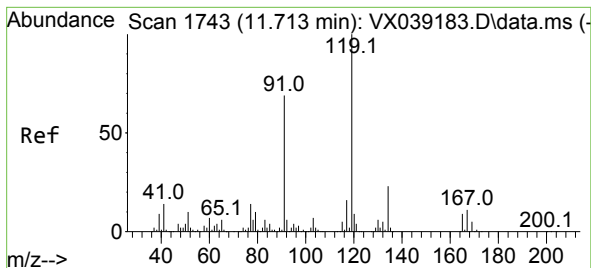
Tgt Ion: 75 Resp: 49970
Ion Ratio Lower Upper
75 100
53 107.5 90.5 135.7
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.110 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039183.D
Acq: 13 Dec 2023 11:20

Tgt Ion: 91 Resp: 356737
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.831 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

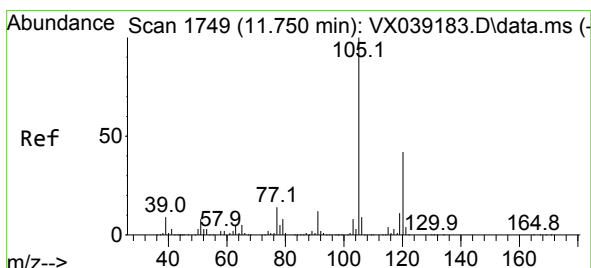
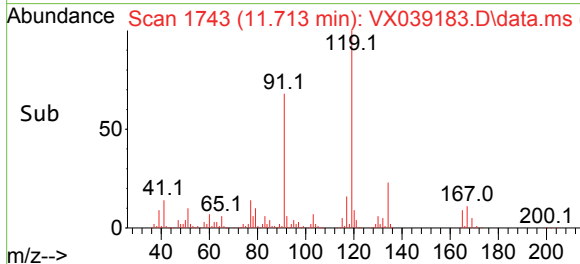
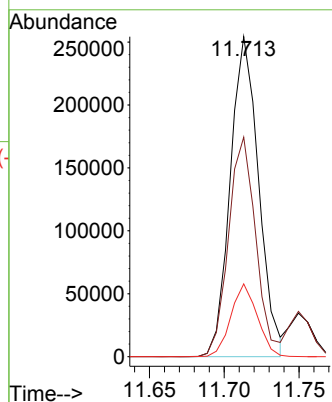
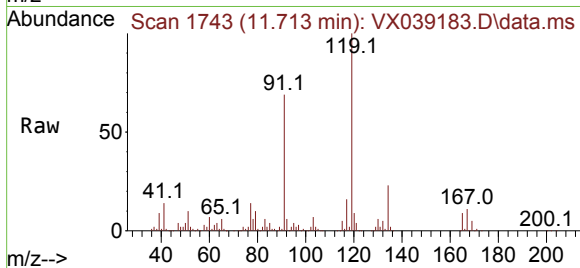
Tgt Ion:119 Resp: 335262

Ion Ratio Lower Upper

119 100

91 66.2 31.2 93.6

134 21.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 49.809 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039183.D

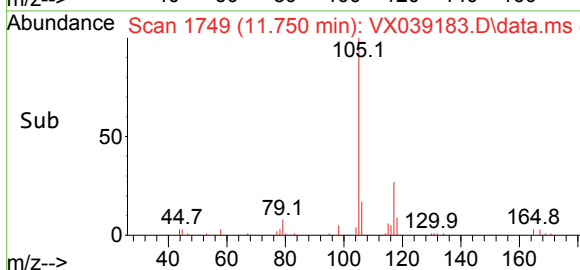
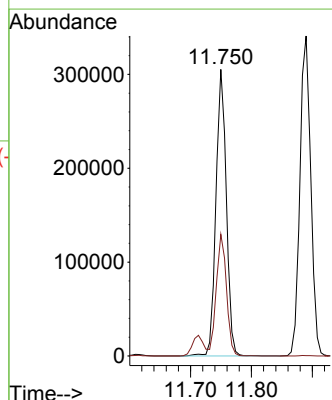
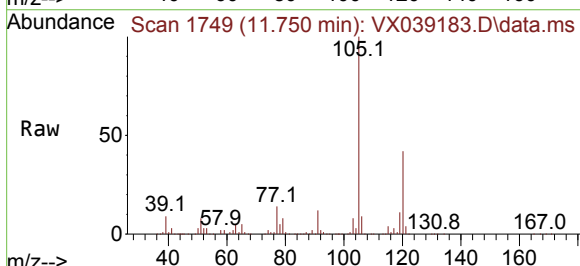
Acq: 13 Dec 2023 11:20

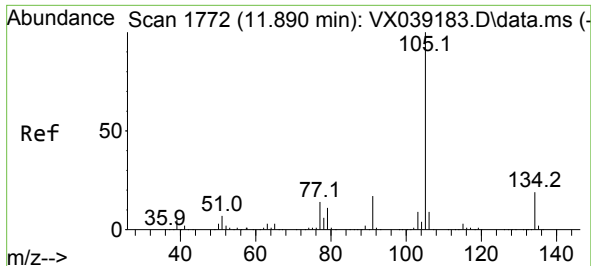
Tgt Ion:105 Resp: 361095

Ion Ratio Lower Upper

105 100

120 41.4 21.2 63.6

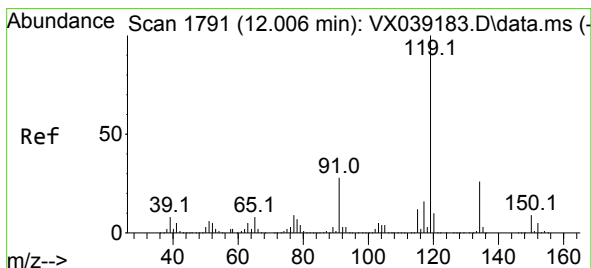
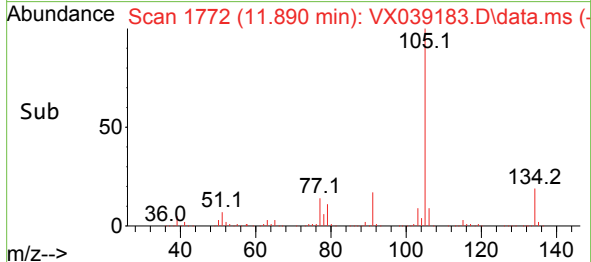
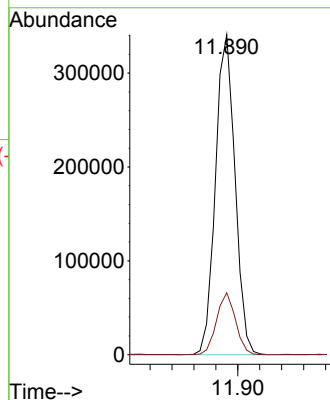
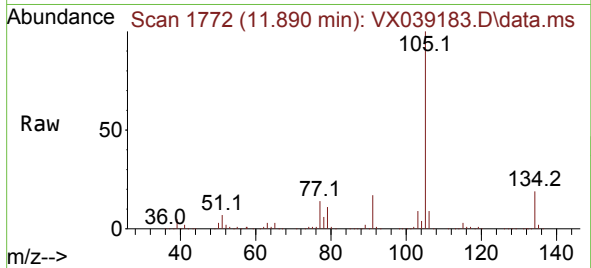




#85
 sec-Butylbenzene
 Concen: 49.317 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

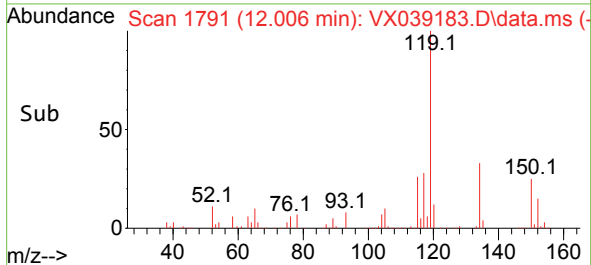
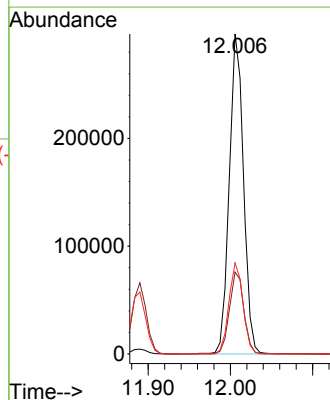
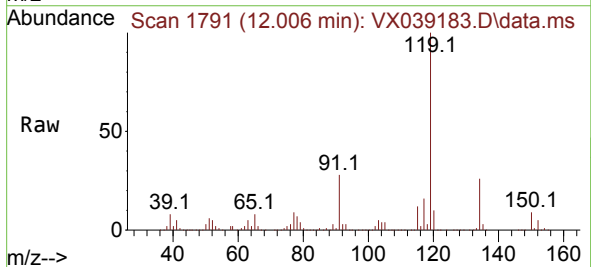
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

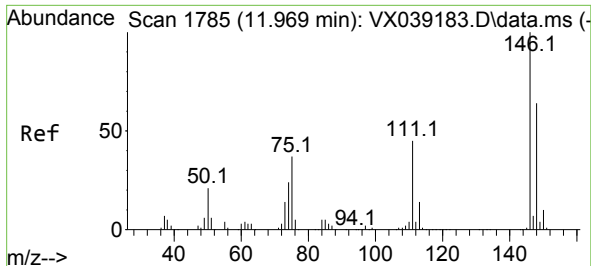
Tgt Ion:105 Resp: 422221
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.638 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

Tgt Ion:119 Resp: 356644
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.757 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

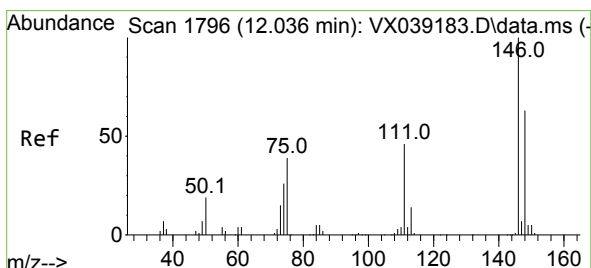
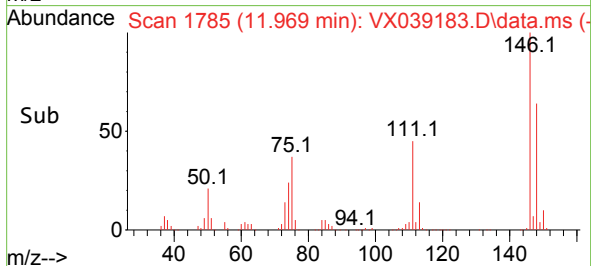
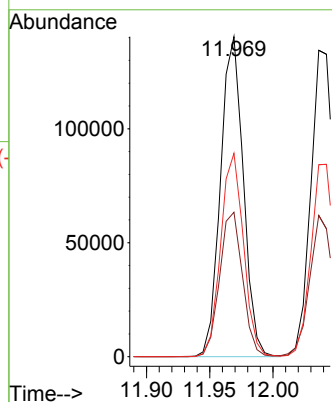
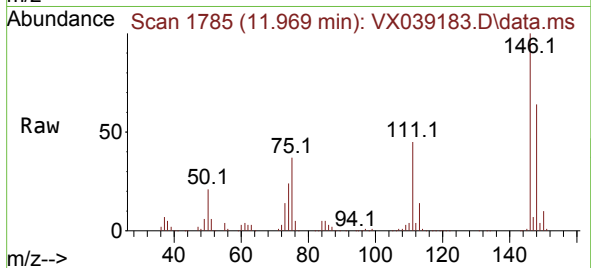
Tgt Ion:146 Resp: 175777

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.772 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

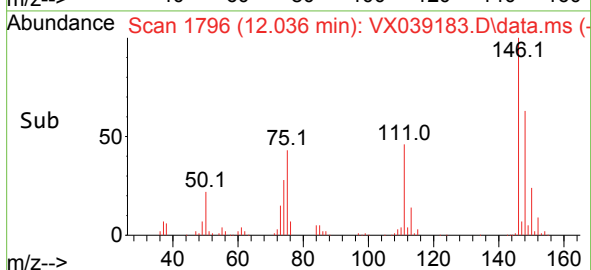
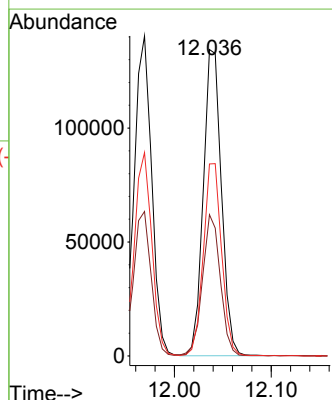
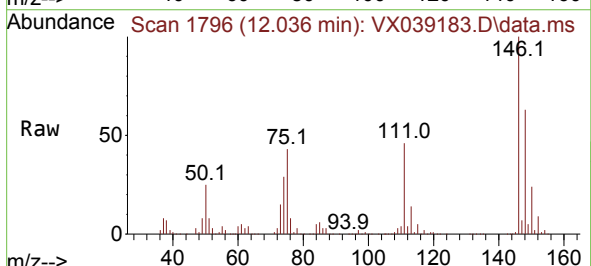
Tgt Ion:146 Resp: 175571

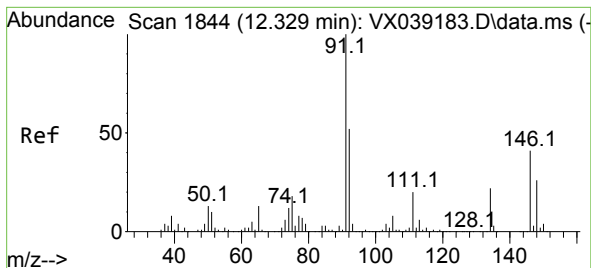
Ion Ratio Lower Upper

146 100

111 45.4 21.3 63.7

148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 50.740 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

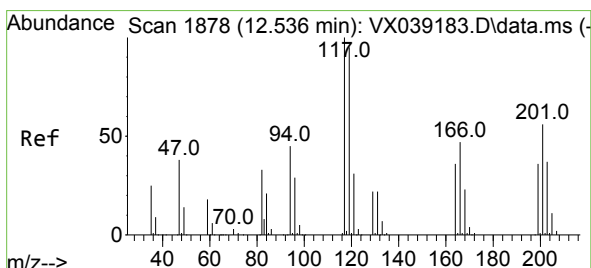
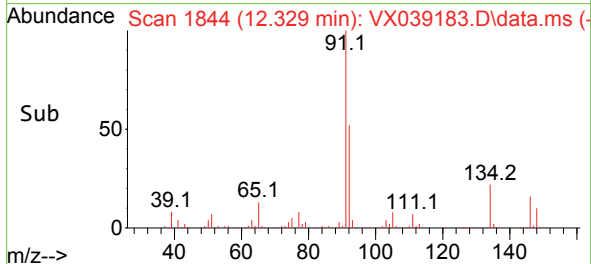
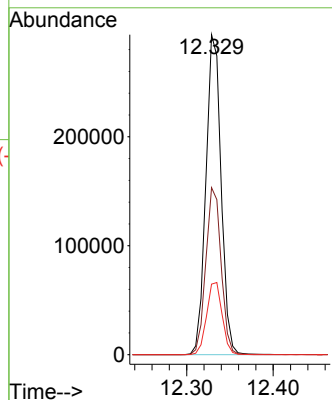
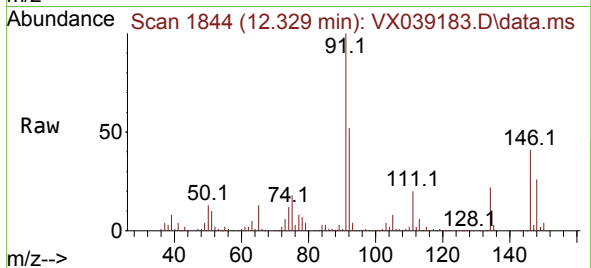
Tgt Ion: 91 Resp: 358379

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

134 23.1 12.6 37.8



#90

Hexachloroethane

Concen: 51.493 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039183.D

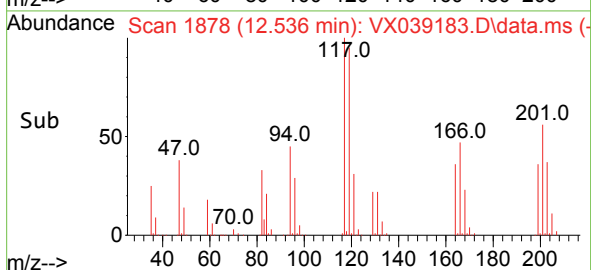
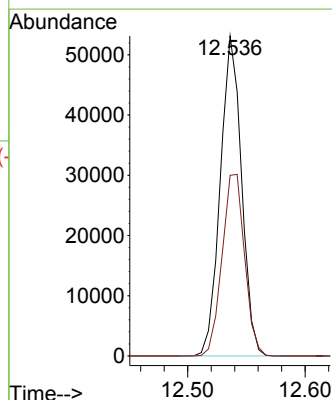
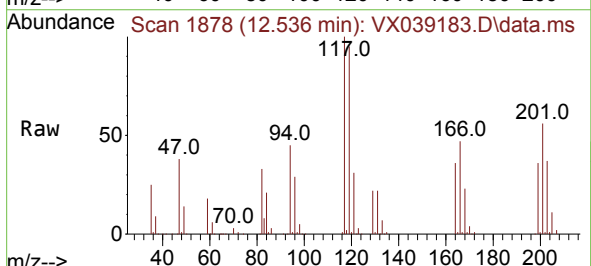
Acq: 13 Dec 2023 11:20

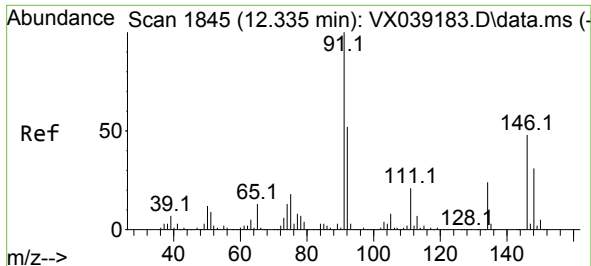
Tgt Ion: 117 Resp: 66831

Ion Ratio Lower Upper

117 100

201 60.2 32.9 98.6

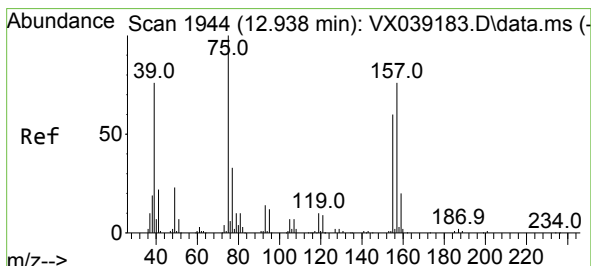
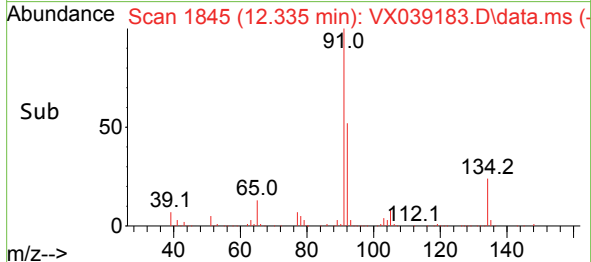
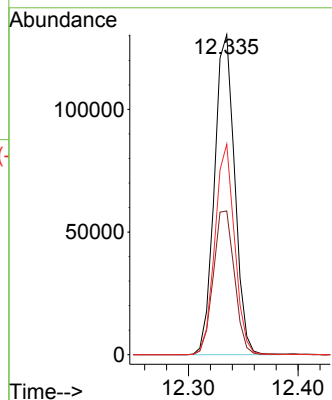
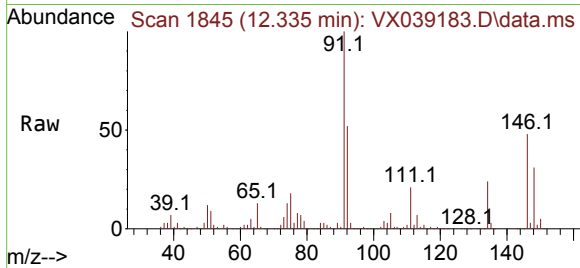




#91
 1,2-Dichlorobenzene
 Concen: 48.637 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

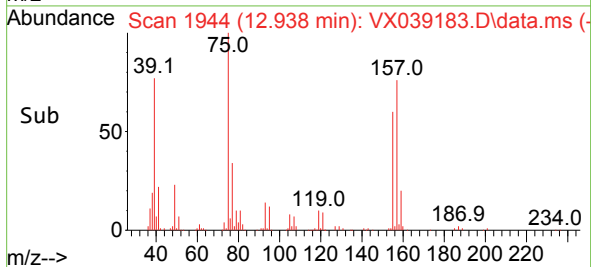
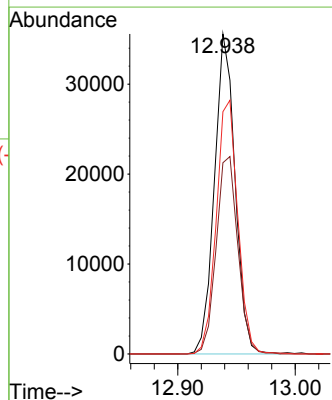
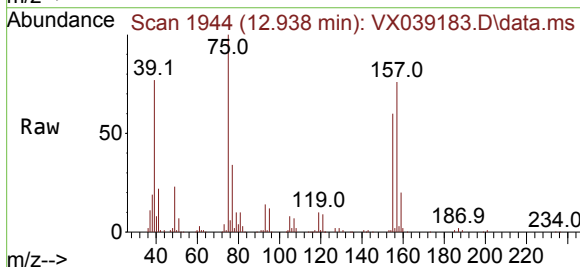
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

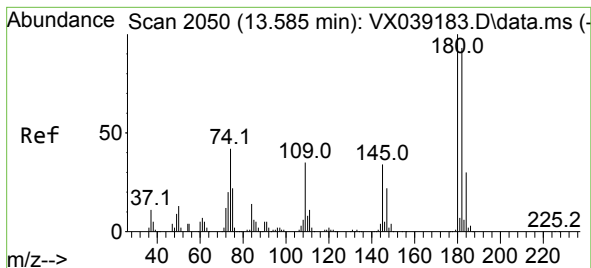
Tgt Ion:146 Resp: 167771
 Ion Ratio Lower Upper
 146 100
 111 46.9 22.4 67.0
 148 64.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.541 ug/l
 RT: 12.938 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX039183.D
 Acq: 13 Dec 2023 11:20

Tgt Ion: 75 Resp: 43535
 Ion Ratio Lower Upper
 75 100
 155 64.9 36.1 108.5
 157 82.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.716 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

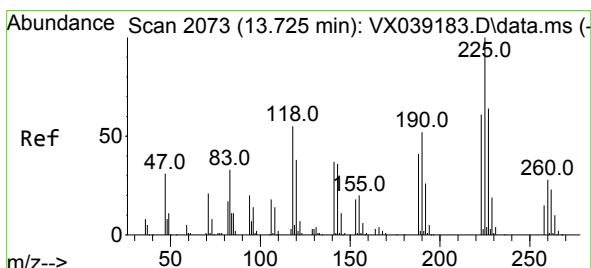
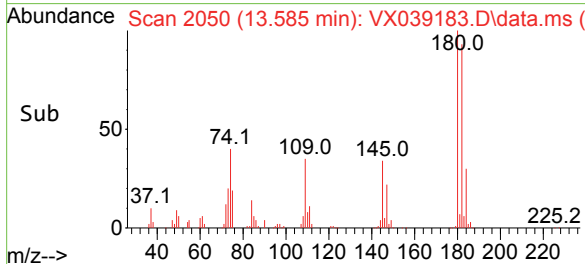
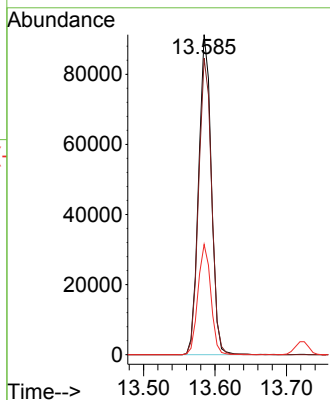
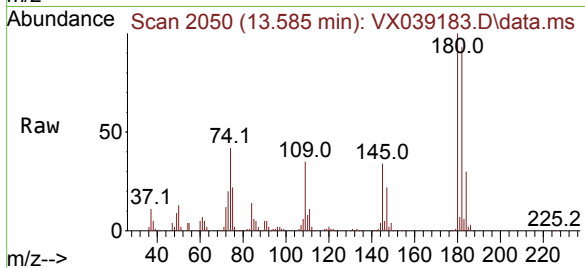
Tgt Ion:180 Resp: 112296

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

145 34.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 48.130 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

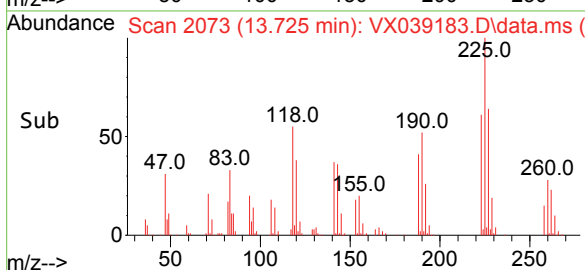
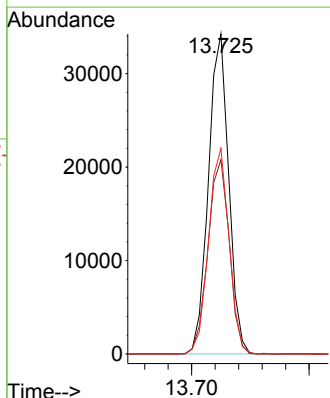
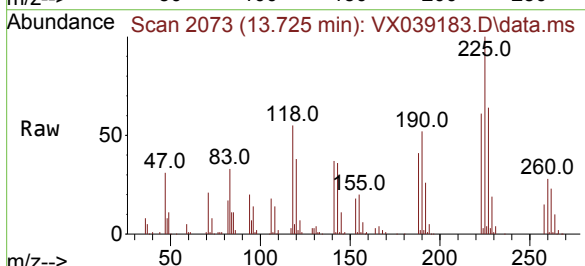
Tgt Ion:225 Resp: 40969

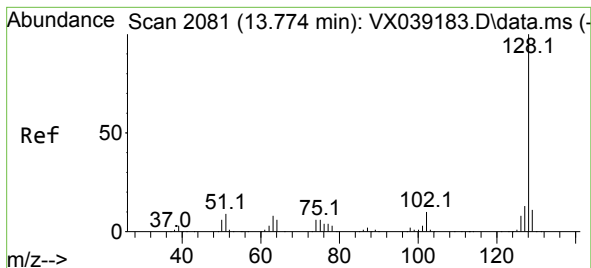
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 65.1 32.5 97.5





#95

Naphthalene

Concen: 51.062 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

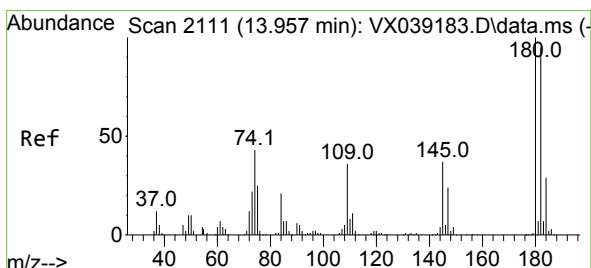
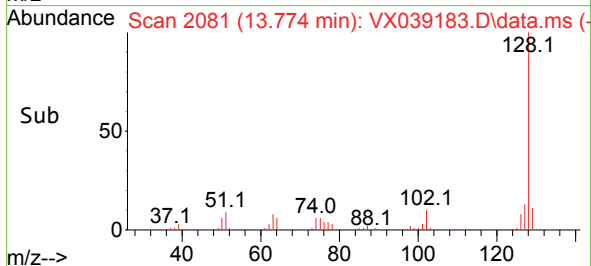
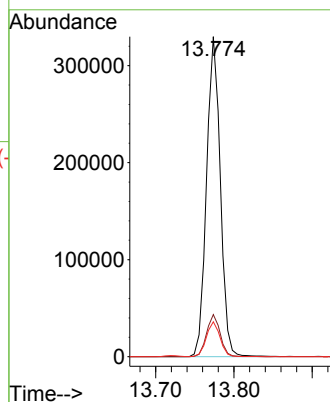
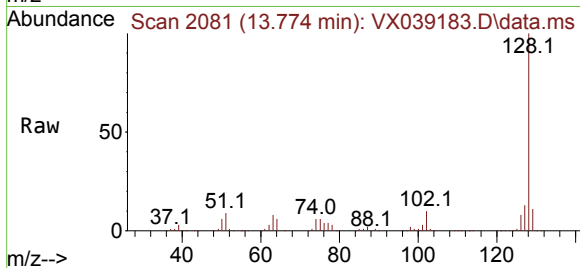
Tgt Ion:128 Resp: 401666

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.126 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039183.D

Acq: 13 Dec 2023 11:20

Tgt Ion:180 Resp: 107120

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 37.1 17.8 53.5

