

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039530.D
 Acq On : 29 Dec 2023 09:15
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 30 01:52:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	106942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90531	46.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.420%
35) Dibromofluoromethane	5.379	113	67033	51.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	8.647	98	247898	51.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.620%
62) 4-Bromofluorobenzene	11.079	95	95701	48.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73442	48.872	ug/l	97
3) Chloromethane	1.295	50	82434	49.481	ug/l	98
4) Vinyl Chloride	1.374	62	79410	51.253	ug/l	98
5) Bromomethane	1.593	94	37146	41.672	ug/l	99
6) Chloroethane	1.666	64	38174	40.885	ug/l	100
7) Trichlorofluoromethane	1.874	101	113491	50.023	ug/l	99
8) Diethyl Ether	2.130	74	41530	52.890	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	69884	50.477	ug/l	97
10) Methyl Iodide	2.447	142	72108	50.389	ug/l	94
11) Tert butyl alcohol	2.995	59	116417	236.638	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	66713	48.510	ug/l	95
13) Acrolein	2.233	56	114641	292.101	ug/l	100
14) Allyl chloride	2.654	41	136146	48.870	ug/l	95
15) Acrylonitrile	3.063	53	259734	263.763	ug/l	99
16) Acetone	2.380	43	332334	297.433	ug/l	92
17) Carbon Disulfide	2.502	76	167354	41.584	ug/l	98
18) Methyl Acetate	2.703	43	228204	53.855	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	244506	49.160	ug/l	99
20) Methylene Chloride	2.782	84	79037	48.396	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	70232	46.933	ug/l	98
22) Diisopropyl ether	3.757	45	263168	51.894	ug/l	87
23) Vinyl Acetate	3.715	43	969053	256.677	ug/l	99
24) 1,1-Dichloroethane	3.605	63	141259	49.276	ug/l	100
25) 2-Butanone	4.550	43	402498	238.086	ug/l	99
26) 2,2-Dichloropropane	4.465	77	114160	45.615	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	82539	49.972	ug/l	99
28) Bromochloromethane	4.891	49	72468	51.809	ug/l	93
29) Tetrahydrofuran	4.995	42	247488	265.089	ug/l	98
30) Chloroform	5.087	83	140062	48.892	ug/l	100
31) Cyclohexane	5.458	56	125148	49.458	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	117743	47.345	ug/l	97
36) 1,1-Dichloropropene	5.684	75	102079	49.711	ug/l	100
37) Ethyl Acetate	4.709	43	134484	53.011	ug/l	100
38) Carbon Tetrachloride	5.672	117	96845	49.420	ug/l	98
39) Methylcyclohexane	7.373	83	126916	51.455	ug/l	99
40) Benzene	6.031	78	301529	51.910	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	72206	53.345	ug/l	94
42) 1,2-Dichloroethane	6.080	62	118081	50.220	ug/l	99
43) Isopropyl Acetate	6.336	43	214275	51.941	ug/l	99
44) Trichloroethene	7.117	130	71303	48.645	ug/l	93
45) 1,2-Dichloropropane	7.428	63	82956	53.214	ug/l	97
46) Dibromomethane	7.574	93	54688	49.904	ug/l	97
47) Bromodichloromethane	7.818	83	105878	50.531	ug/l	96
48) Methyl methacrylate	7.690	41	128693	53.360	ug/l	96
49) 1,4-Dioxane	7.659	88	39938	1228.500	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	733415	279.027	ug/l	98
52) Toluene	8.714	92	182204	51.971	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	112871	48.929	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	125035	50.375	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	77220	52.759	ug/l	92
56) Ethyl methacrylate	9.116	69	97917	54.801	ug/l	97
57) 1,3-Dichloropropane	9.305	76	132006	52.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	307709	293.289	ug/l	95
59) 2-Hexanone	9.427	43	613680	270.525	ug/l	99
60) Dibromochloromethane	9.519	129	75011	50.675	ug/l	100
61) 1,2-Dibromoethane	9.604	107	81380	52.084	ug/l	99
64) Tetrachloroethene	9.269	164	54502	47.890	ug/l	92
65) Chlorobenzene	10.080	112	189867	49.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69166	51.511	ug/l	99
67) Ethyl Benzene	10.189	91	363239	51.334	ug/l	97
68) m/p-Xylenes	10.299	106	260927	102.846	ug/l	94
69) o-Xylene	10.640	106	129840	52.931	ug/l	96
70) Styrene	10.653	104	190970	53.253	ug/l	97
71) Bromoform	10.799	173	51250	51.350	ug/l #	100
73) Isopropylbenzene	10.957	105	350843	54.063	ug/l	100
74) N-amyl acetate	10.842	43	186354	56.756	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	136512	56.547	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	154186	70.854	ug/l	90
77) Bromobenzene	11.195	156	75838	52.847	ug/l	92
78) n-propylbenzene	11.305	91	425797	53.253	ug/l	96
79) 2-Chlorotoluene	11.366	91	254642	52.651	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	300892	54.427	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	39357	51.021	ug/l	97
82) 4-Chlorotoluene	11.451	91	291334	51.286	ug/l	98
83) tert-Butylbenzene	11.713	119	286020	54.362	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	306983	54.148	ug/l	100
85) sec-Butylbenzene	11.890	105	364468	54.439	ug/l	98
86) p-Isopropyltoluene	12.006	119	306379	54.529	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	144278	51.175	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	144764	49.315	ug/l	99
89) n-Butylbenzene	12.329	91	287934	52.130	ug/l	96
90) Hexachloroethane	12.536	117	54246	53.447	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	143299	53.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33295	52.362	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	85771	48.558	ug/l	98
94) Hexachlorobutadiene	13.725	225	35527	53.371	ug/l	97
95) Naphthalene	13.774	128	334022	54.300	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87578	51.360	ug/l	98

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ClientSampleId :
VSTDCCC050

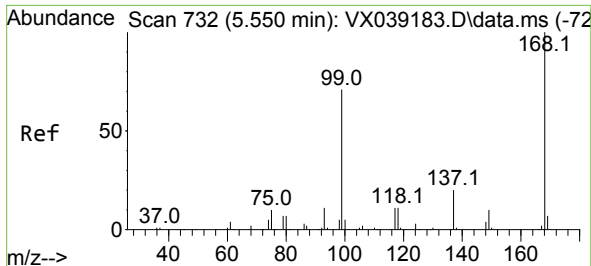
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QLast Update : Thu Dec 14 01:28:15 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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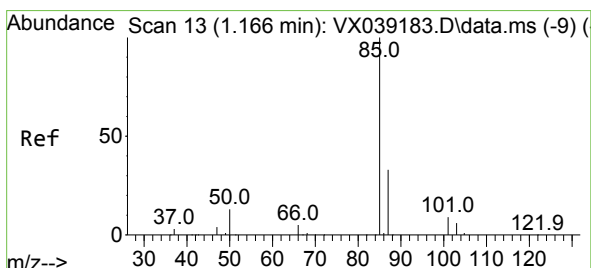
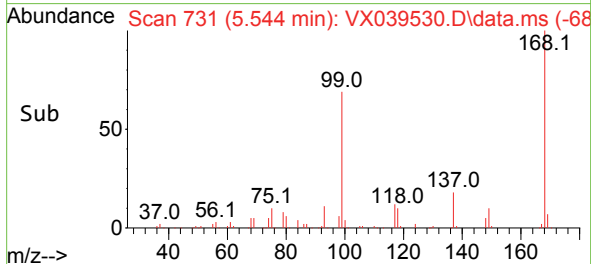
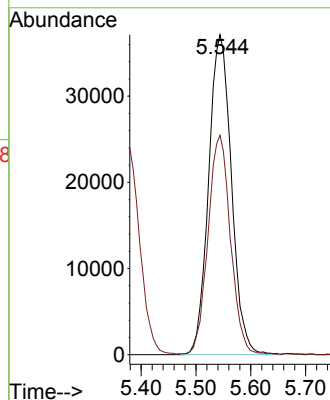
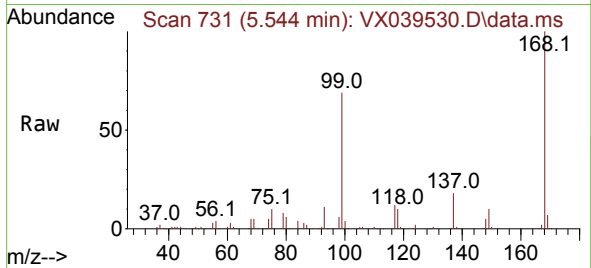




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

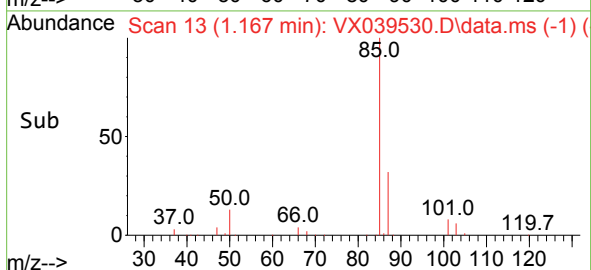
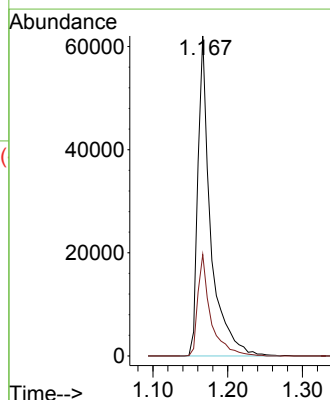
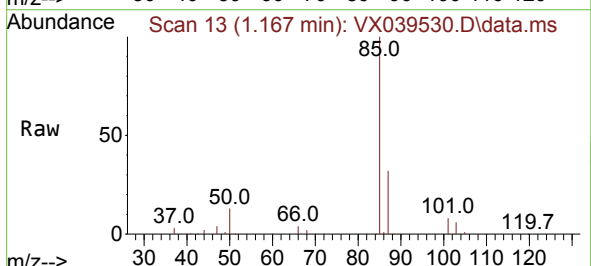
Instrument :
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ClientSampleId :
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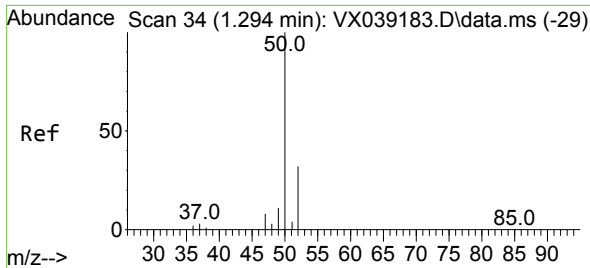
Tgt Ion:168 Resp: 106942
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 48.872 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 85 Resp: 73442
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1

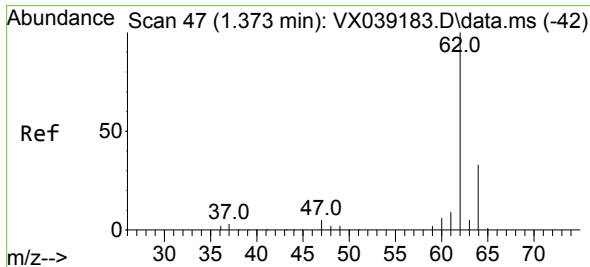
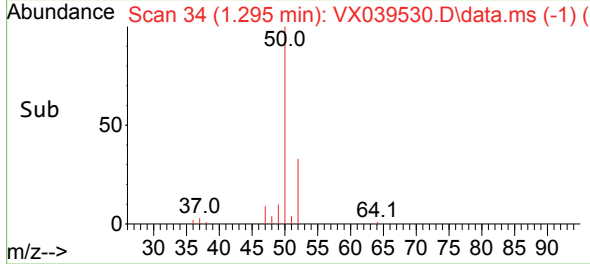
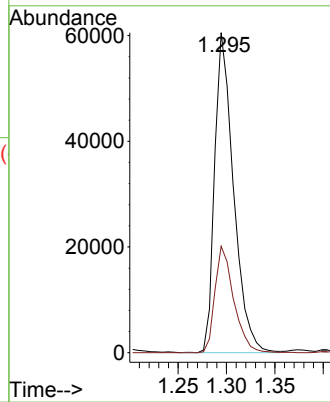
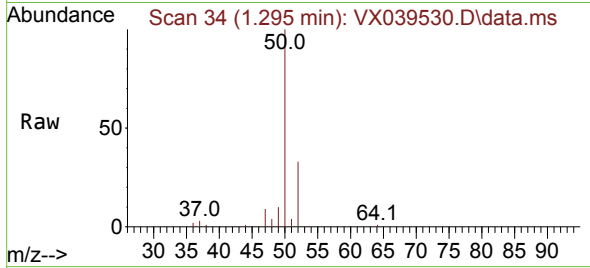




#3
Chloromethane
Concen: 49.481 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

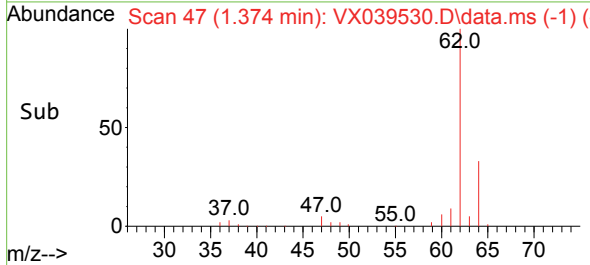
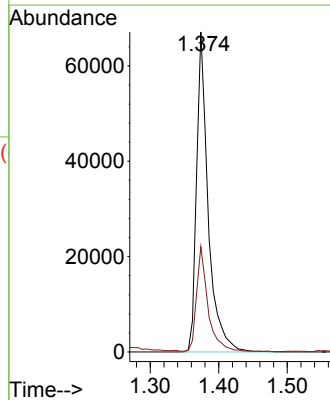
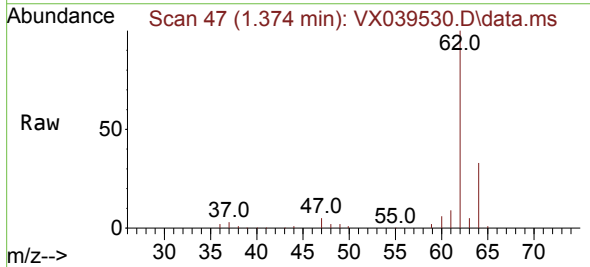
Instrument :
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ClientSampleId :
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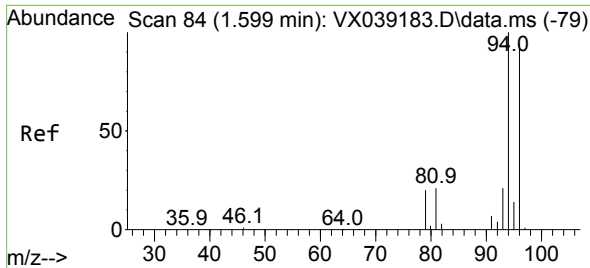
Tgt Ion: 50 Resp: 82434
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 51.253 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 62 Resp: 79410
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

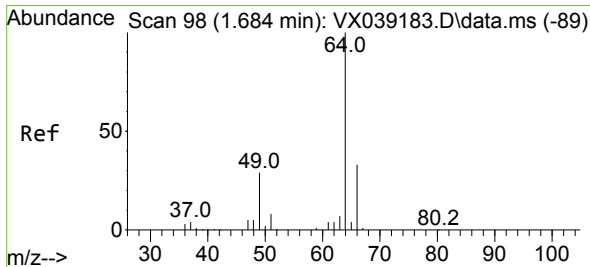
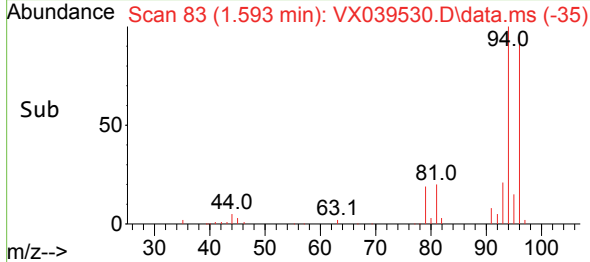
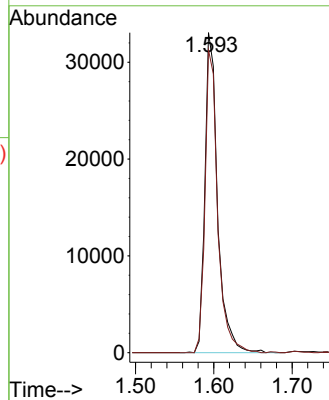
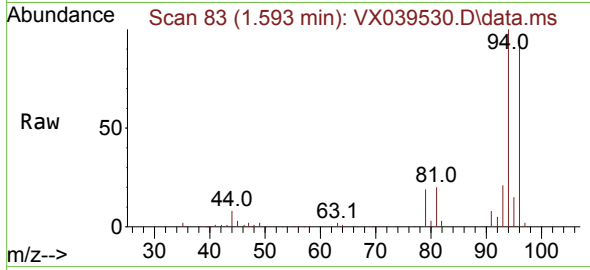




#5
Bromomethane
Concen: 41.672 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

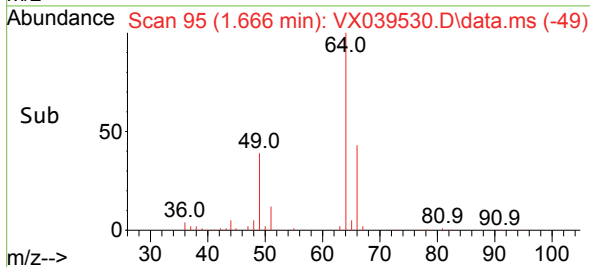
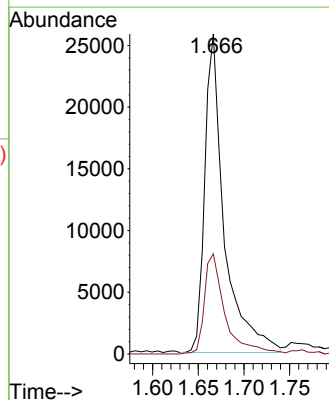
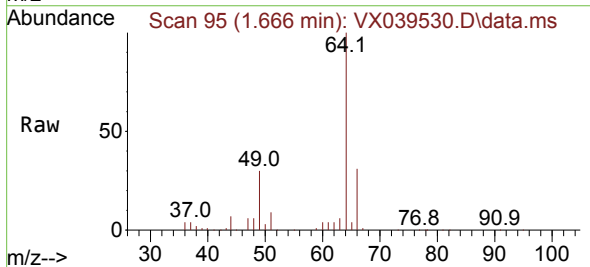
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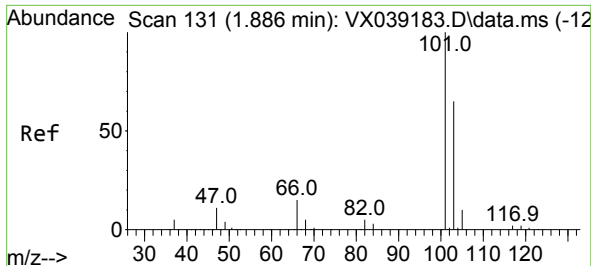
Tgt Ion: 94 Resp: 37146
Ion Ratio Lower Upper
94 100
96 94.6 74.6 111.8



#6
Chloroethane
Concen: 40.885 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 64 Resp: 38174
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

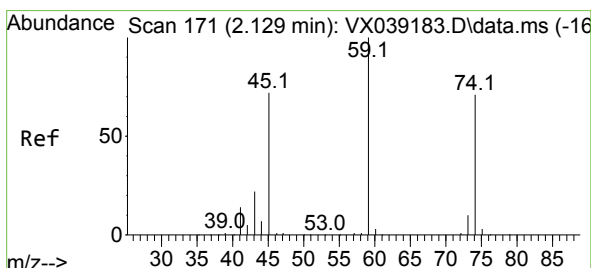
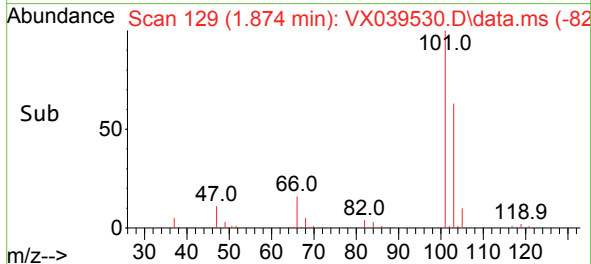
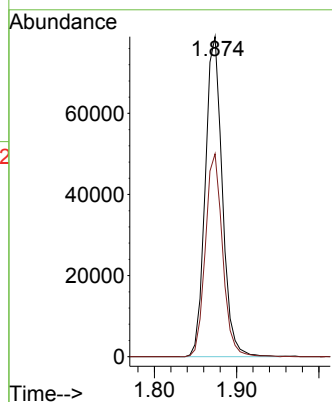
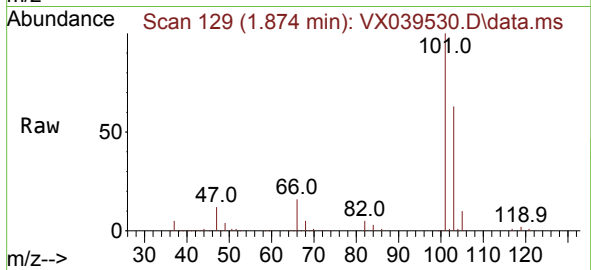




#7
Trichlorofluoromethane
Concen: 50.023 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

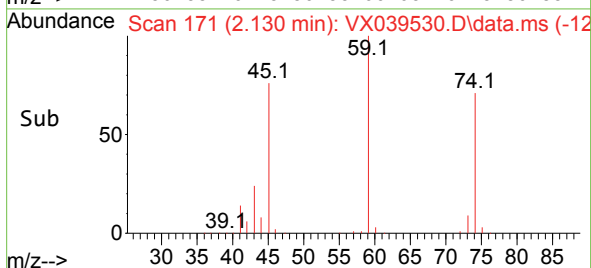
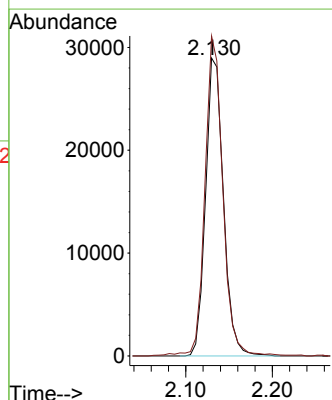
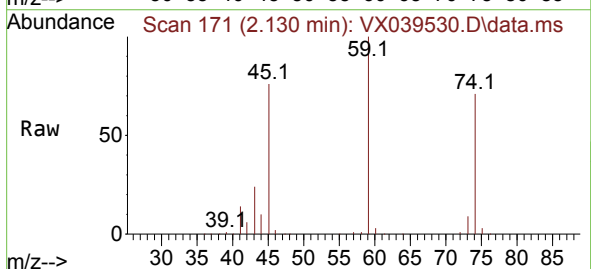
Instrument :
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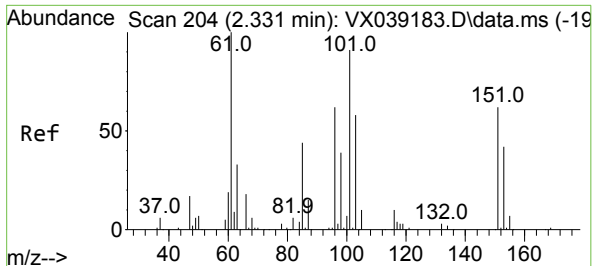
Tgt Ion:101 Resp: 113491
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2



#8
Diethyl Ether
Concen: 52.890 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 74 Resp: 41530
Ion Ratio Lower Upper
74 100
45 107.6 53.3 159.8

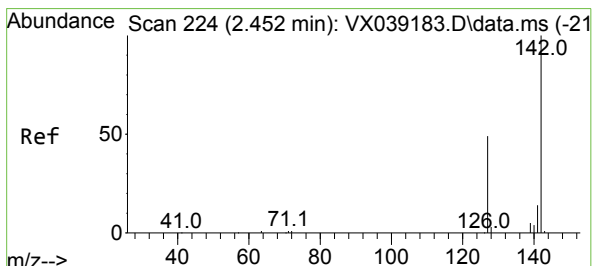
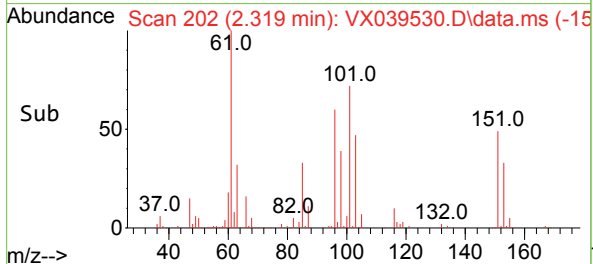
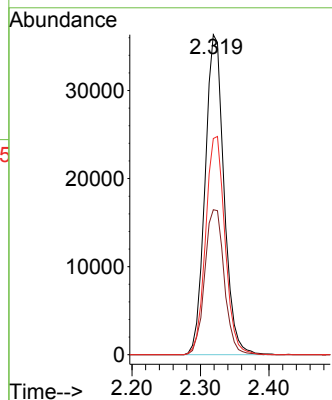
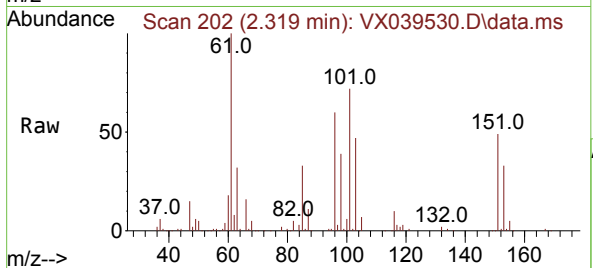




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.477 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

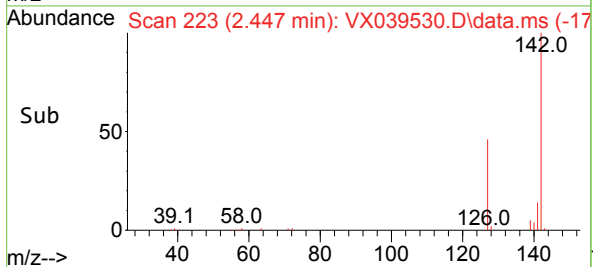
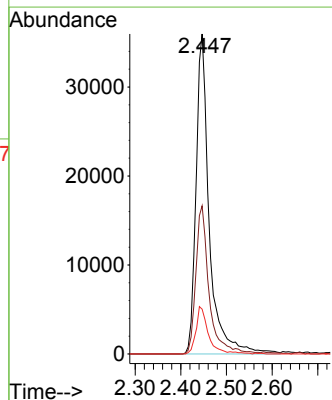
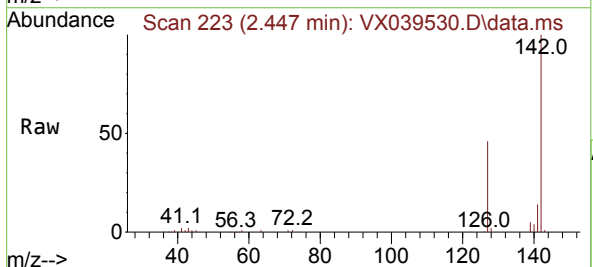
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

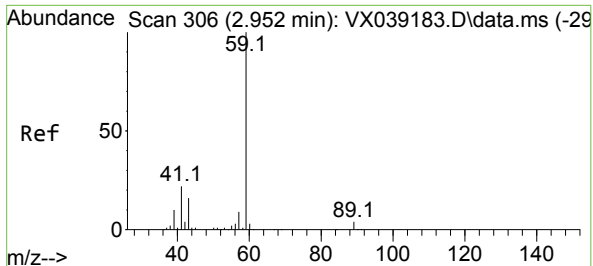
Tgt Ion:101 Resp: 69884
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 69.6 58.6 87.8



#10
Methyl Iodide
Concen: 50.389 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion:142 Resp: 72108
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 236.638 ug/l

RT: 2.995 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

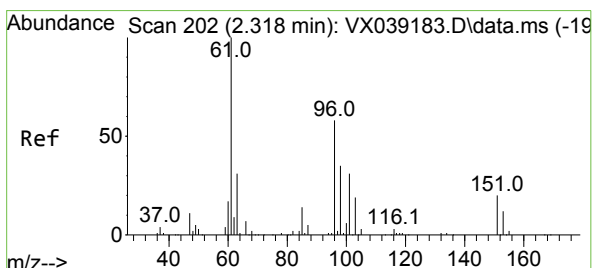
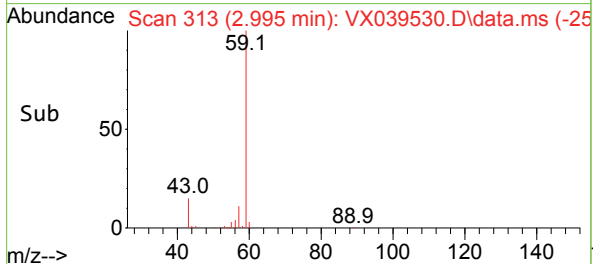
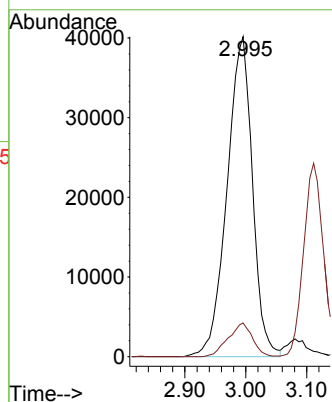
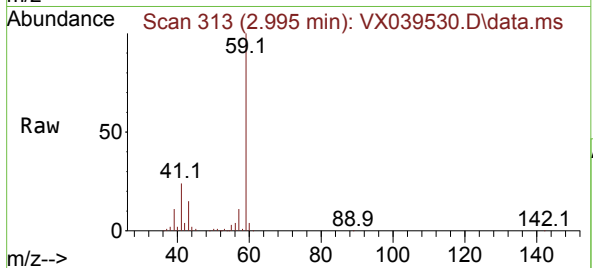
VSTDCCC050

Tgt Ion: 59 Resp: 116417

Ion Ratio Lower Upper

59 100

57 10.1 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 48.510 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

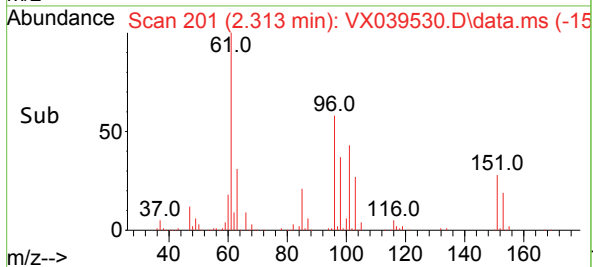
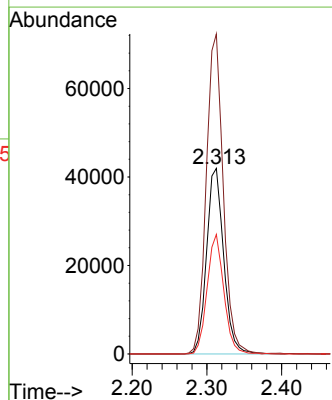
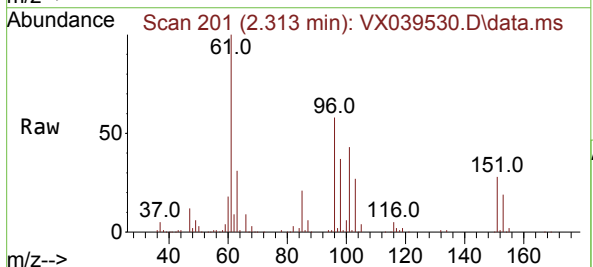
Tgt Ion: 96 Resp: 66713

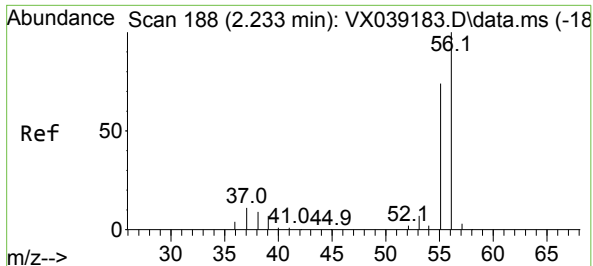
Ion Ratio Lower Upper

96 100

61 172.5 144.6 216.8

98 64.5 50.4 75.6

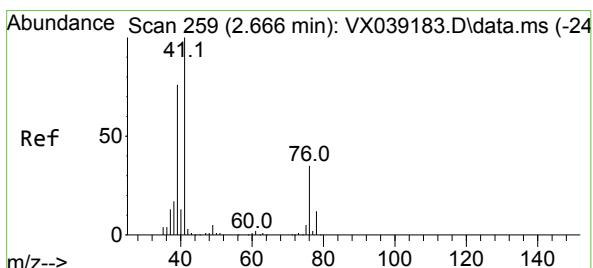
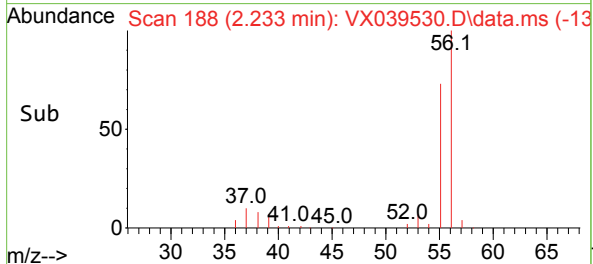
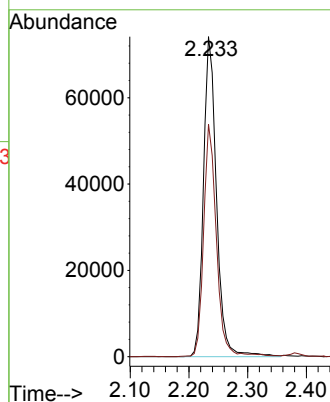
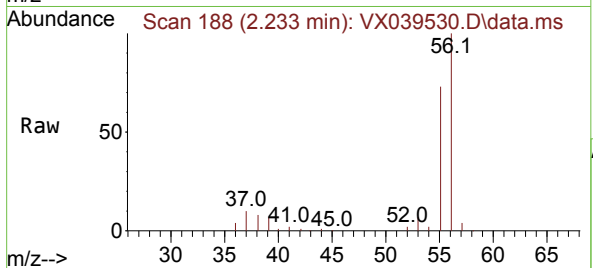




#13
Acrolein
Concen: 292.101 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

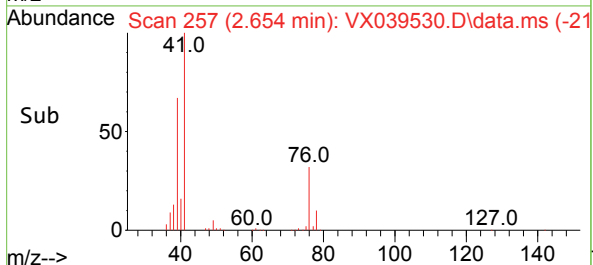
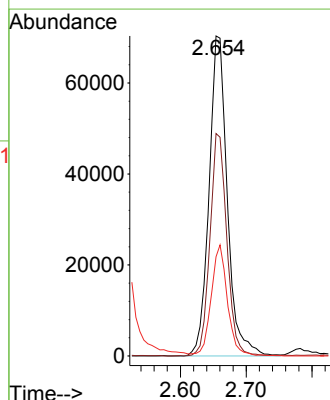
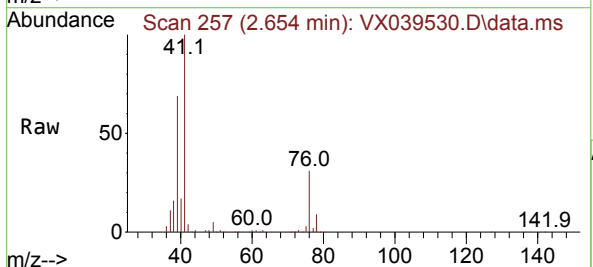
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

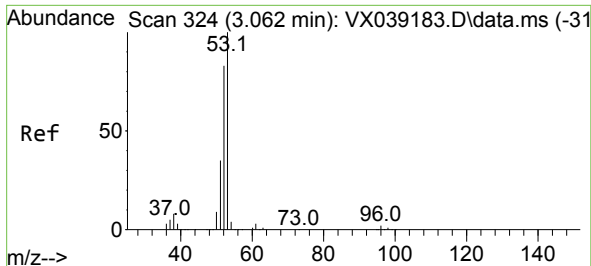
Tgt Ion: 56 Resp: 114641
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7



#14
Allyl chloride
Concen: 48.870 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 41 Resp: 136146
Ion Ratio Lower Upper
41 100
39 64.2 55.8 83.6
76 31.0 24.3 36.5





#15

Acrylonitrile

Concen: 263.763 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

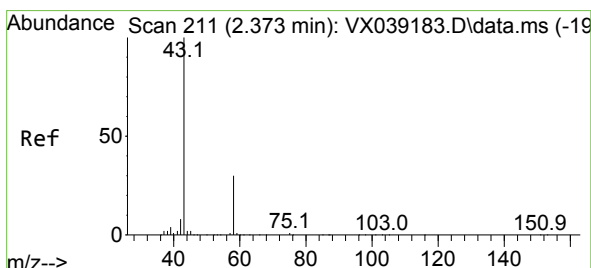
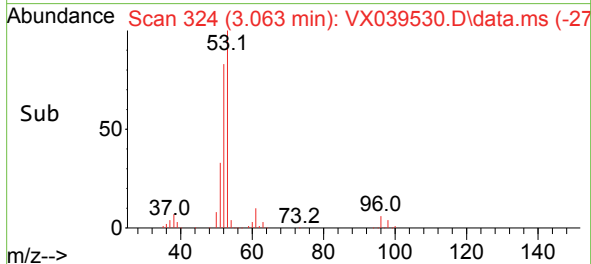
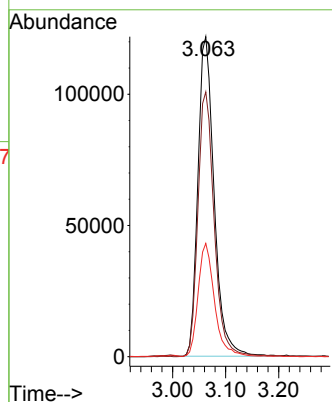
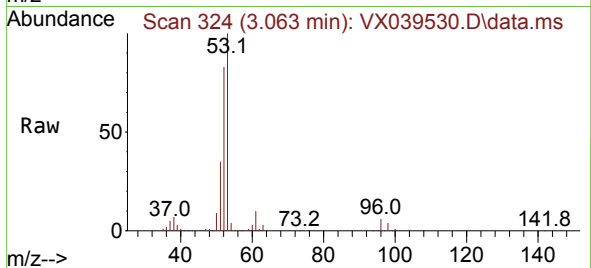
Tgt Ion: 53 Resp: 259734

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

51 35.4 29.8 44.6



#16

Acetone

Concen: 297.433 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039530.D

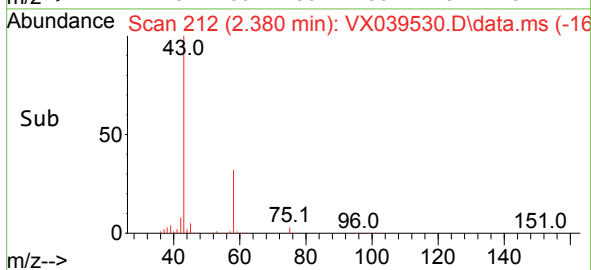
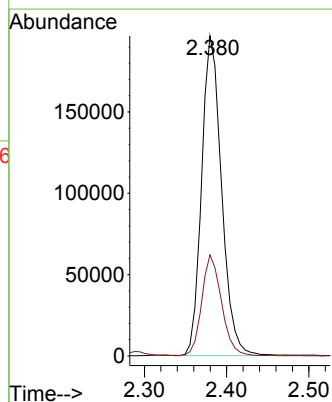
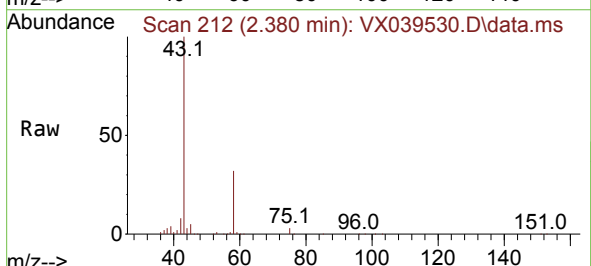
Acq: 29 Dec 2023 09:15

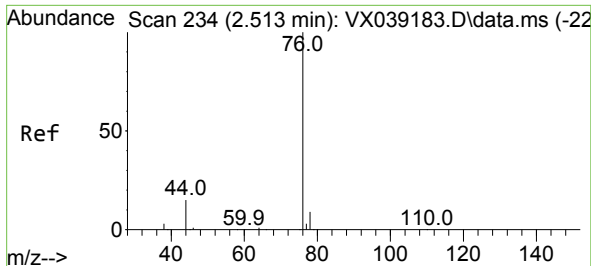
Tgt Ion: 43 Resp: 332334

Ion Ratio Lower Upper

43 100

58 31.5 21.9 32.9





#17

Carbon Disulfide

Concen: 41.584 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

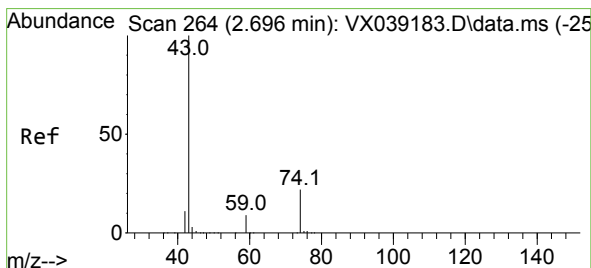
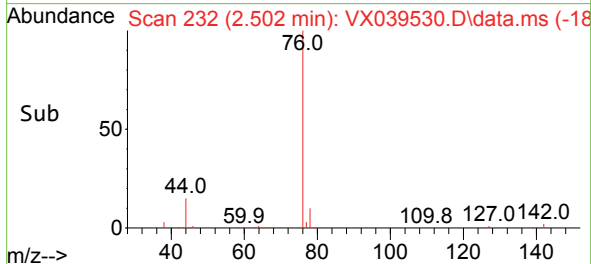
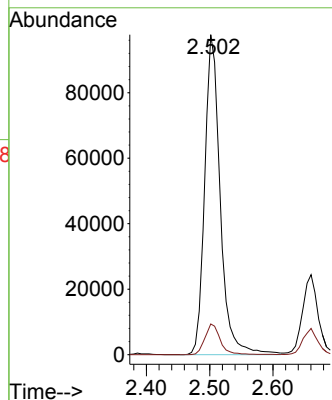
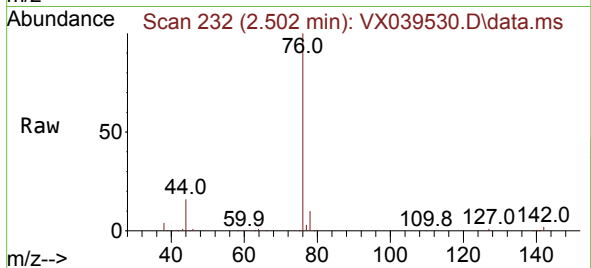
VSTDCCC050

Tgt Ion: 76 Resp: 167354

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#18

Methyl Acetate

Concen: 53.855 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX039530.D

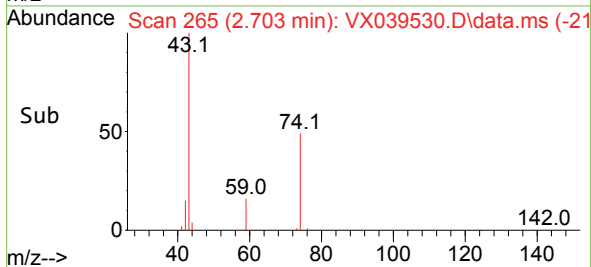
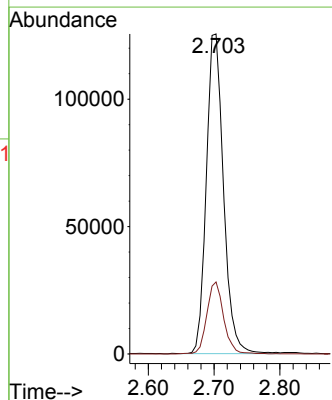
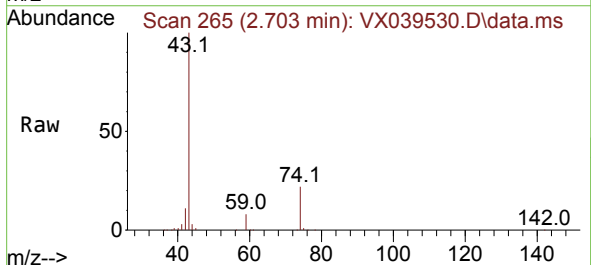
Acq: 29 Dec 2023 09:15

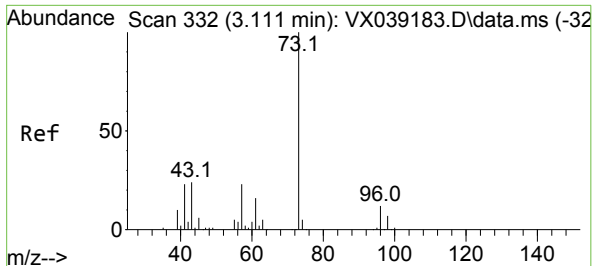
Tgt Ion: 43 Resp: 228204

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8

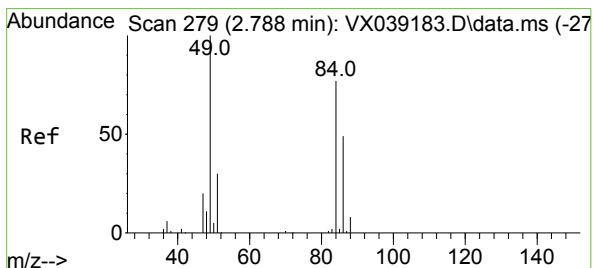
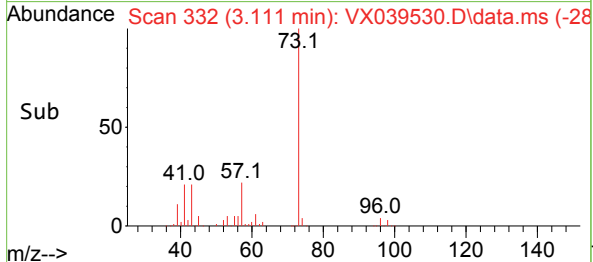
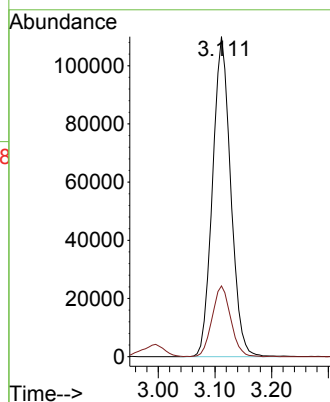
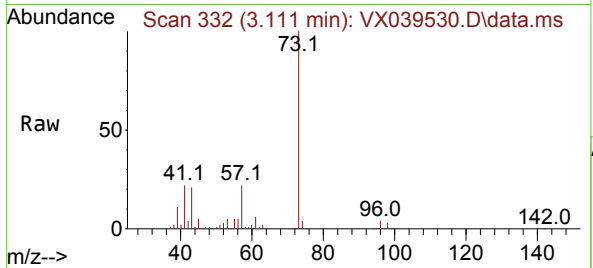




#19
Methyl tert-butyl Ether
Concen: 49.160 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

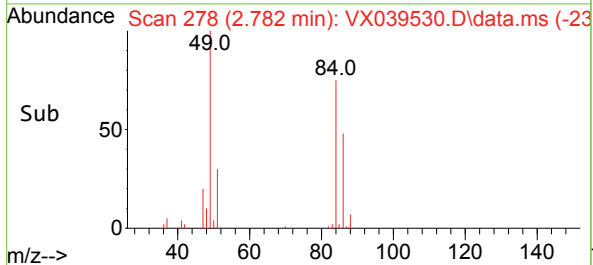
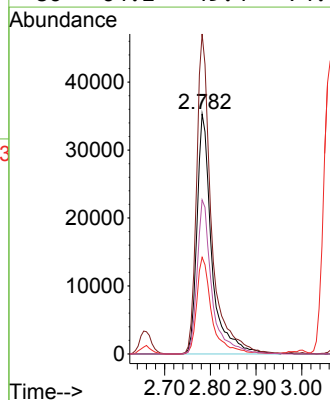
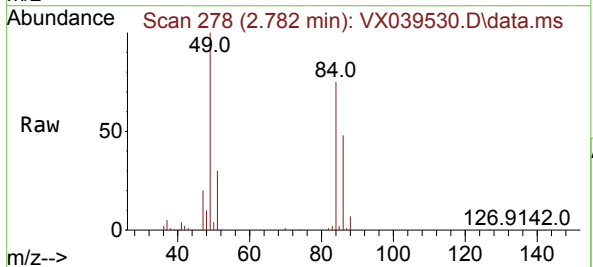
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

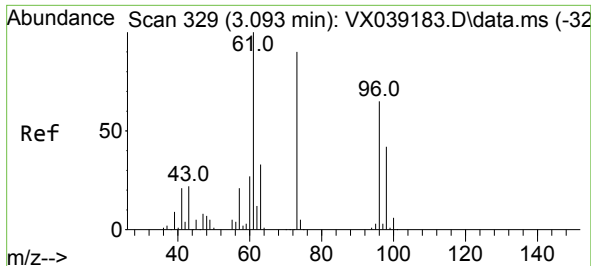
Tgt Ion: 73 Resp: 244506
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 48.396 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

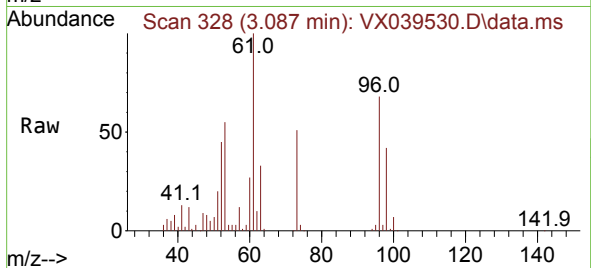
Tgt Ion: 84 Resp: 79037
Ion Ratio Lower Upper
84 100
49 133.4 103.6 155.4
51 40.3 33.8 50.6
86 64.2 49.4 74.0



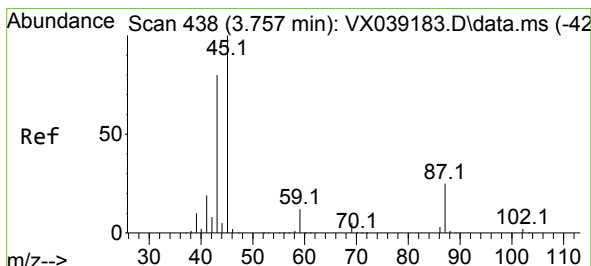
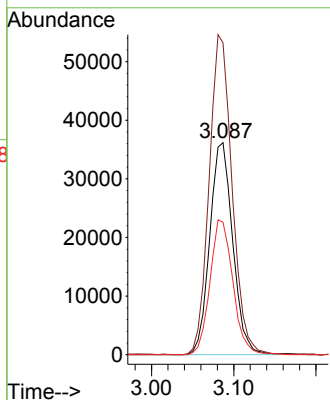
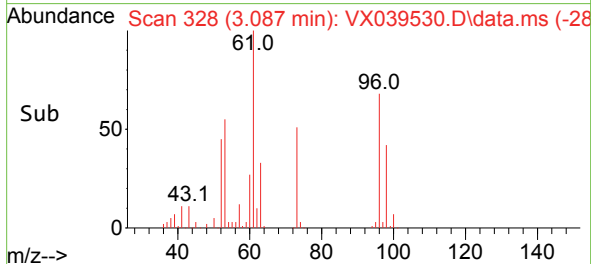


#21
trans-1,2-Dichloroethene
Concen: 46.933 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

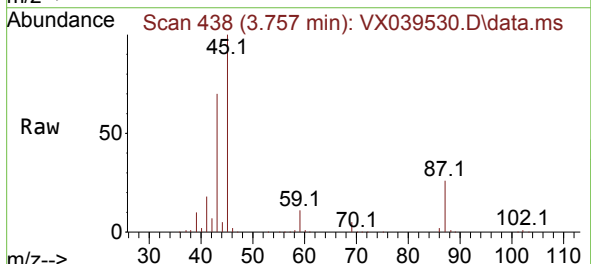
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



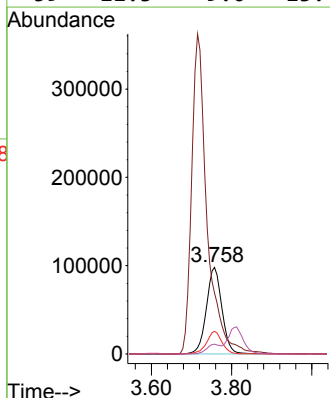
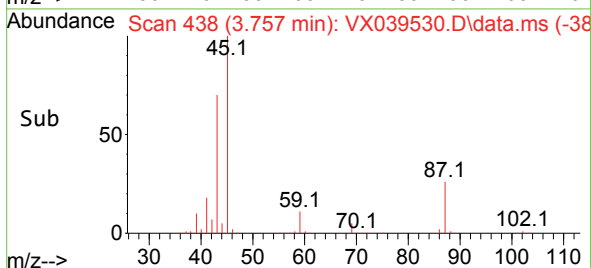
Tgt Ion: 96 Resp: 70232
Ion Ratio Lower Upper
96 100
61 147.1 119.2 178.8
98 62.5 48.7 73.1

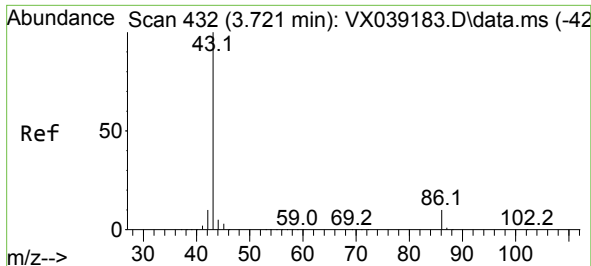


#22
Diisopropyl ether
Concen: 51.894 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15



Tgt Ion: 45 Resp: 263168
Ion Ratio Lower Upper
45 100
43 70.2 69.7 104.5
87 26.0 20.8 31.2
59 11.3 9.0 13.4

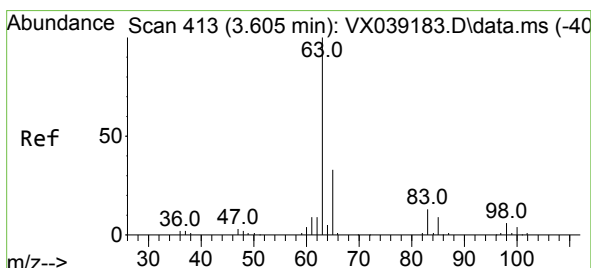
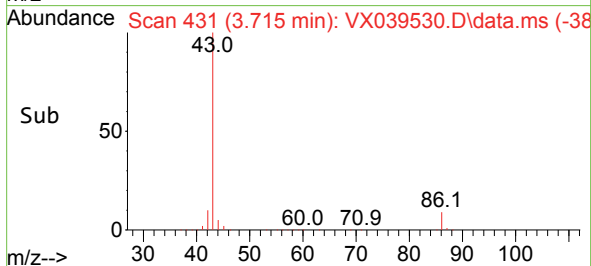
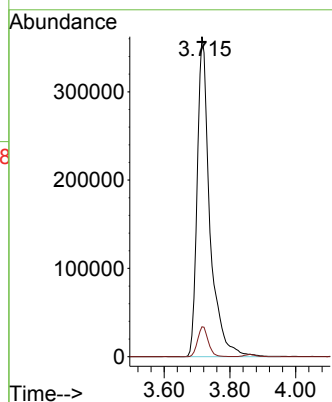
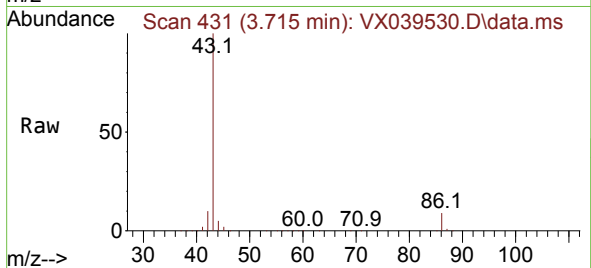




#23
 Vinyl Acetate
 Concen: 256.677 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039530.D
 Acq: 29 Dec 2023 09:15

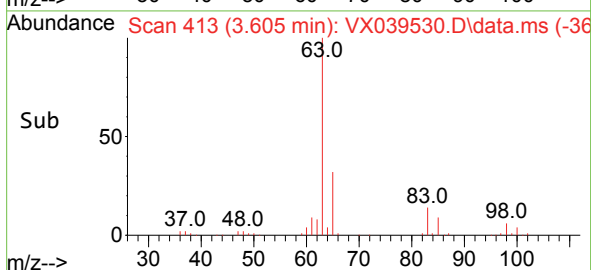
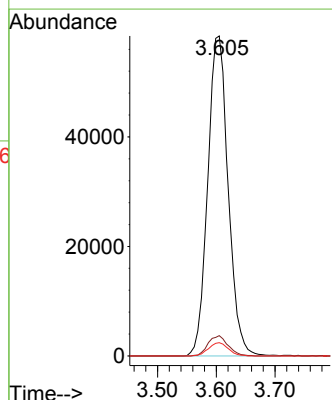
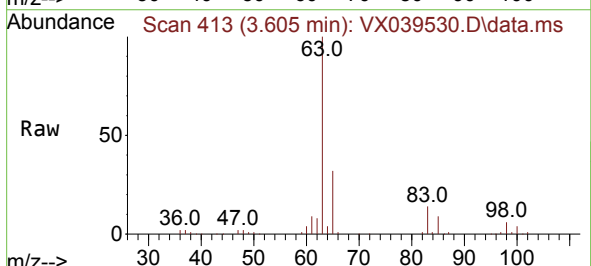
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

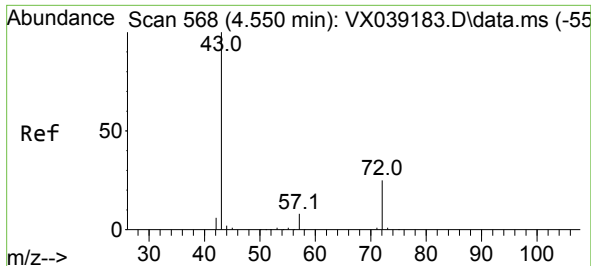
Tgt Ion: 43 Resp: 969053
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.276 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039530.D
 Acq: 29 Dec 2023 09:15

Tgt Ion: 63 Resp: 141259
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.1 2.1 6.5

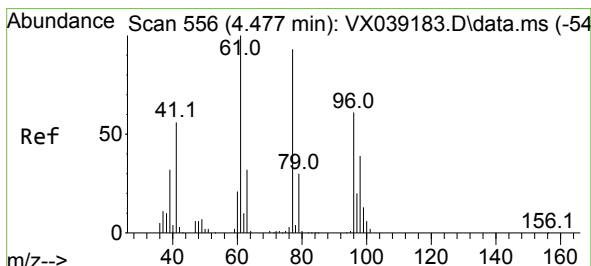
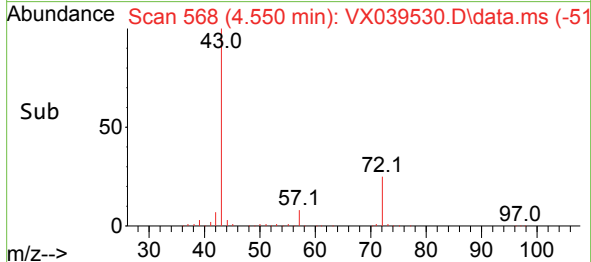
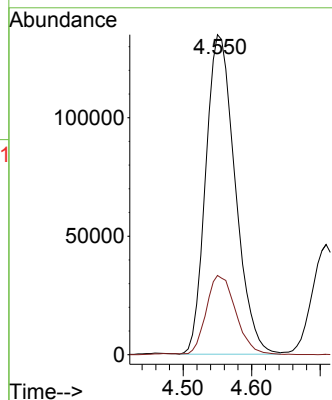
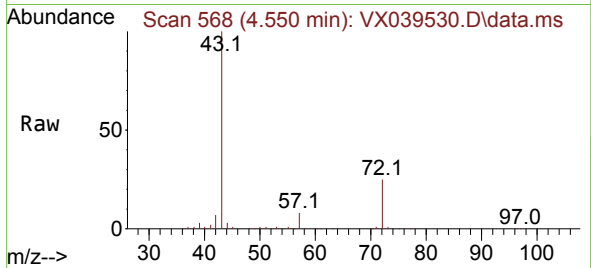




#25
2-Butanone
Concen: 238.086 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

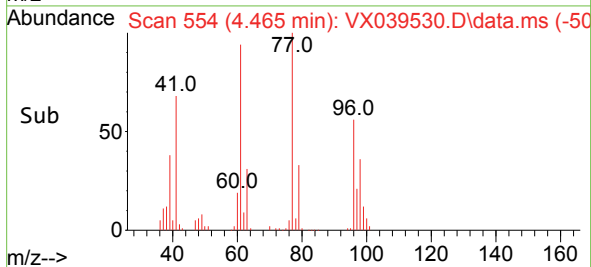
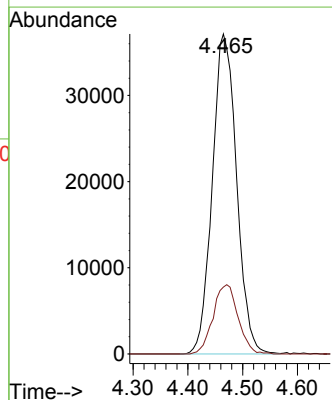
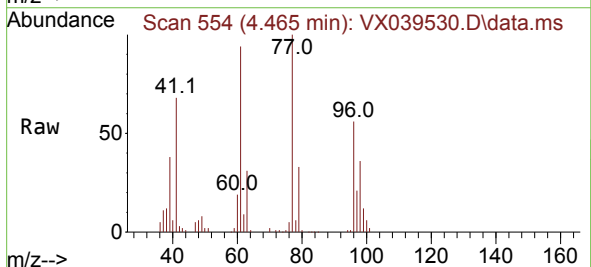
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

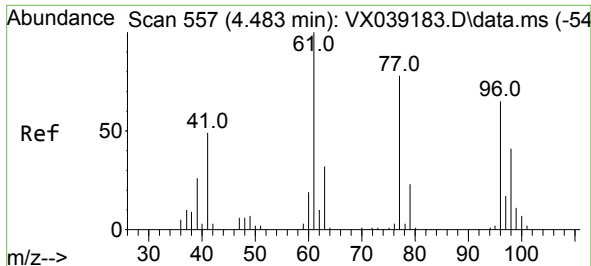
Tgt Ion: 43 Resp: 402498
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 45.615 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 77 Resp: 114160
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.972 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

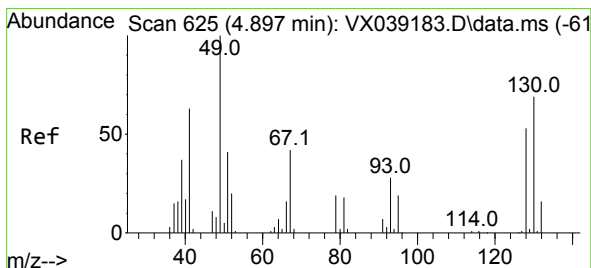
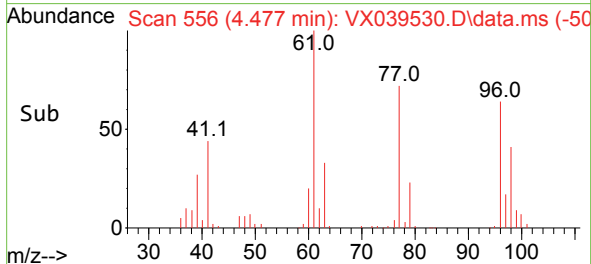
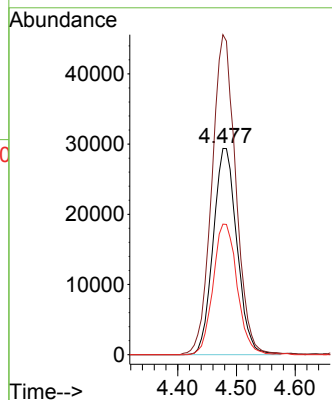
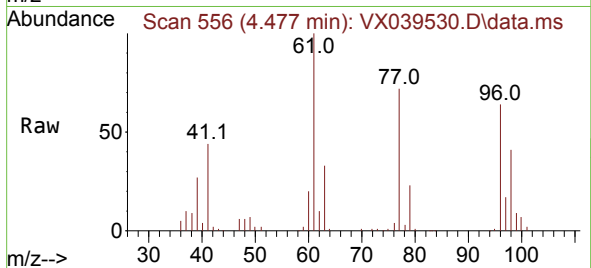
Tgt Ion: 96 Resp: 82539

Ion Ratio Lower Upper

96 100

61 157.1 0.0 312.2

98 64.0 0.0 129.0



#28

Bromochloromethane

Concen: 51.809 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

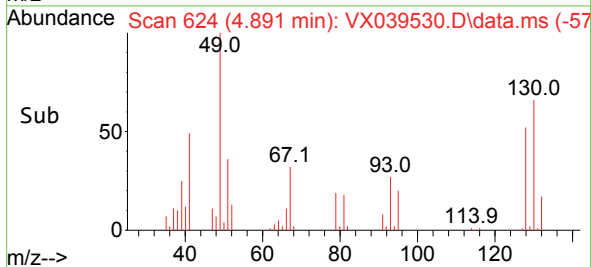
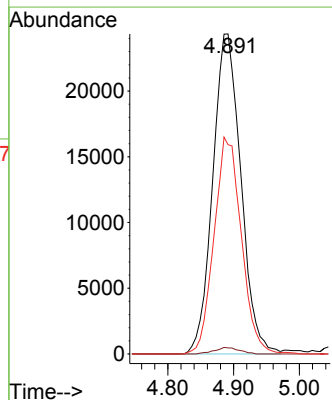
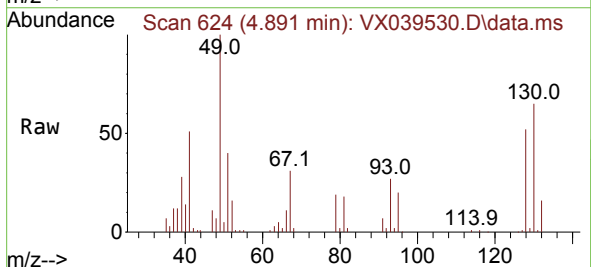
Tgt Ion: 49 Resp: 72468

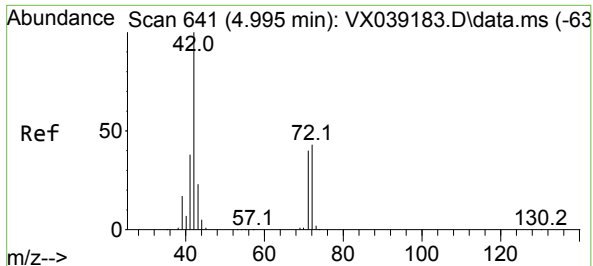
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 65.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 265.089 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

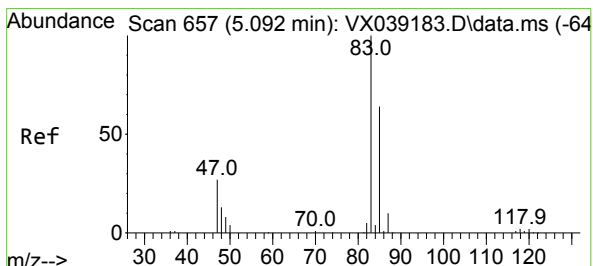
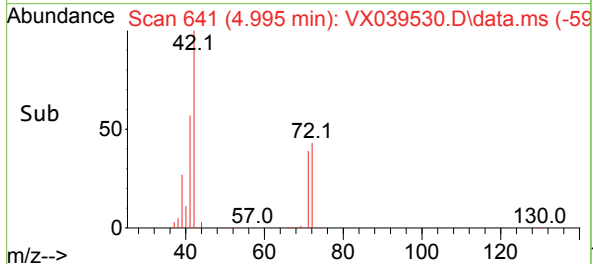
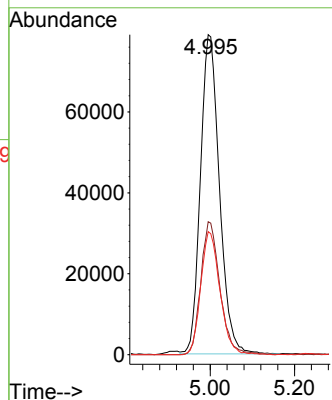
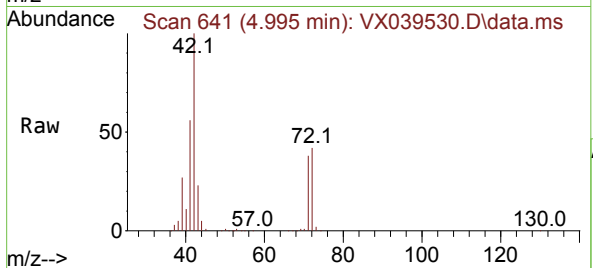
Tgt Ion: 42 Resp: 247488

Ion Ratio Lower Upper

42 100

72 41.9 34.2 51.4

71 38.9 32.2 48.2



#30

Chloroform

Concen: 48.892 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039530.D

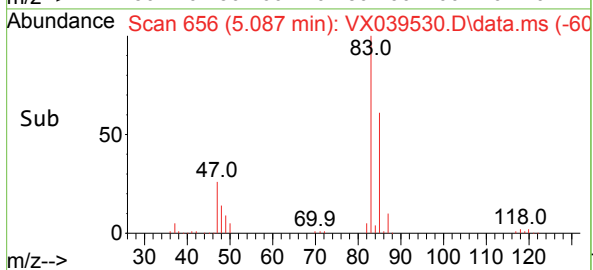
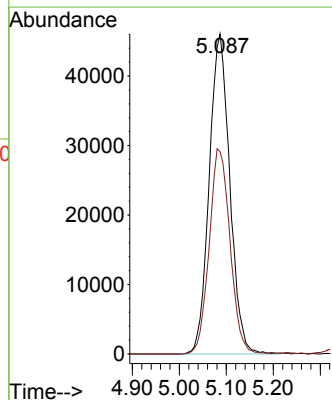
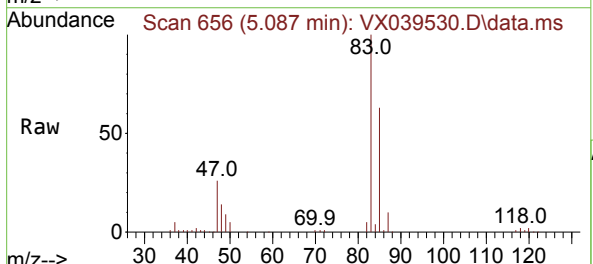
Acq: 29 Dec 2023 09:15

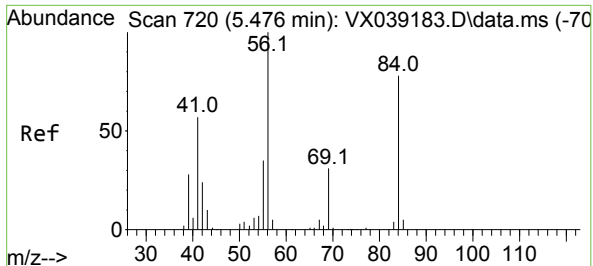
Tgt Ion: 83 Resp: 140062

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

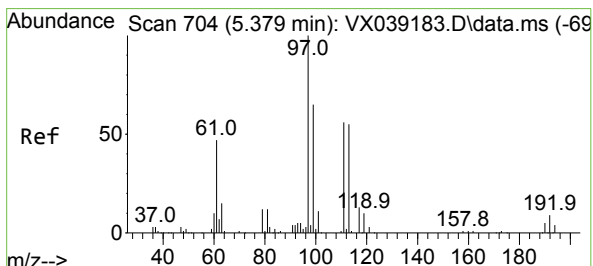
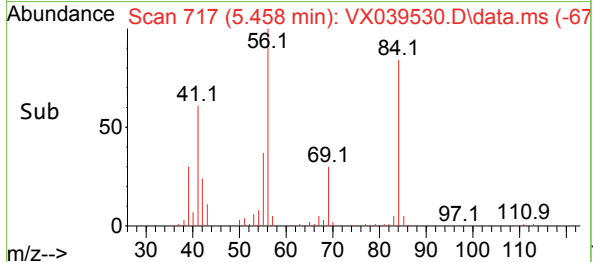
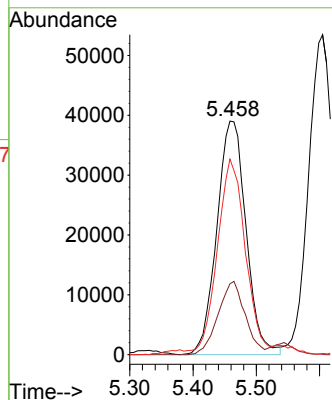
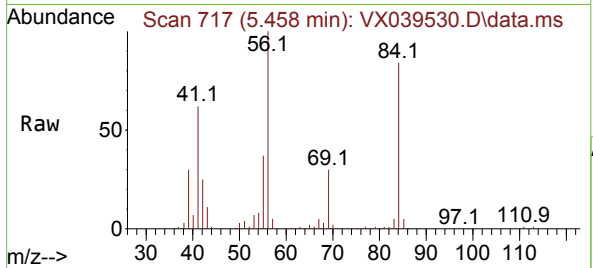




#31
Cyclohexane
Concen: 49.458 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.018 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

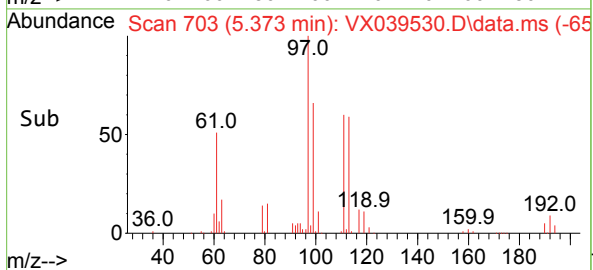
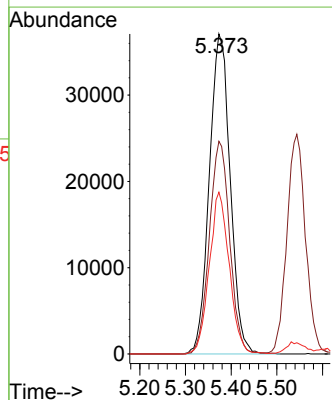
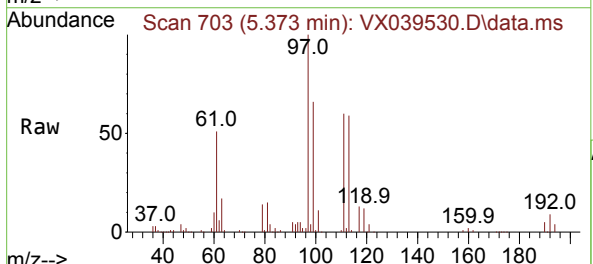
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

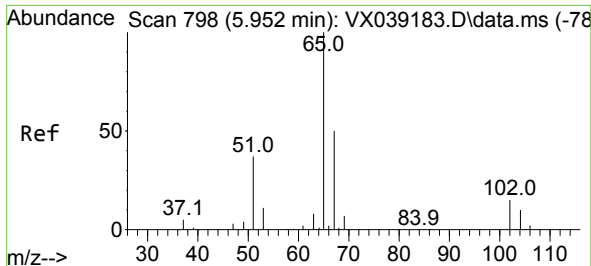
Tgt Ion: 56 Resp: 125148
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 81.6 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 47.345 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 97 Resp: 117743
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 48.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.211 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

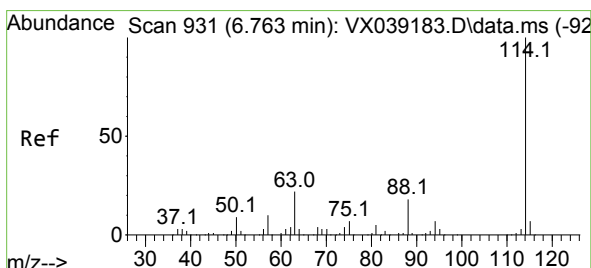
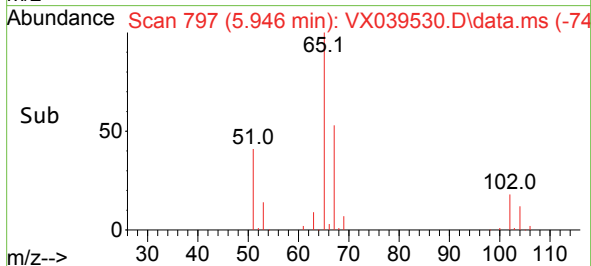
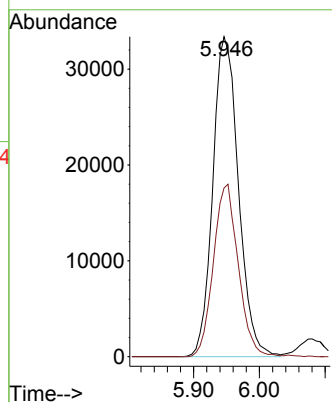
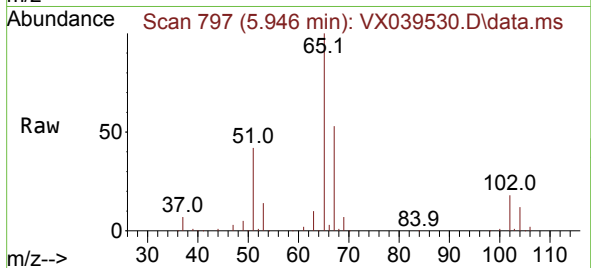
VSTDCCC050

Tgt Ion: 65 Resp: 90531

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

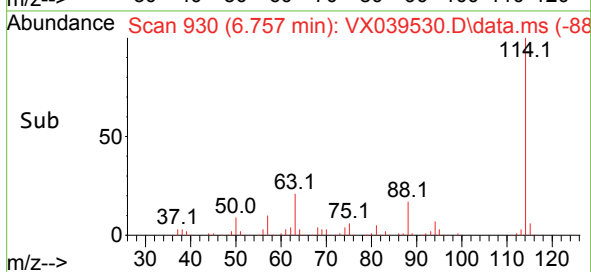
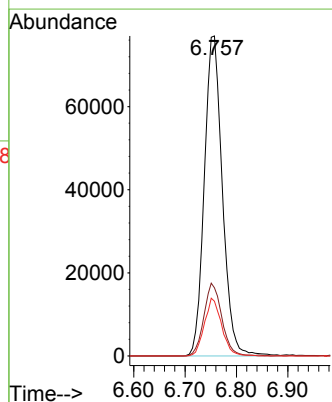
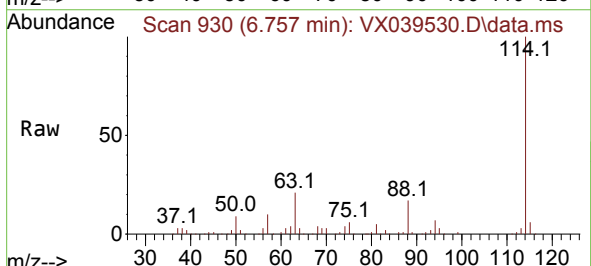
Tgt Ion: 114 Resp: 188357

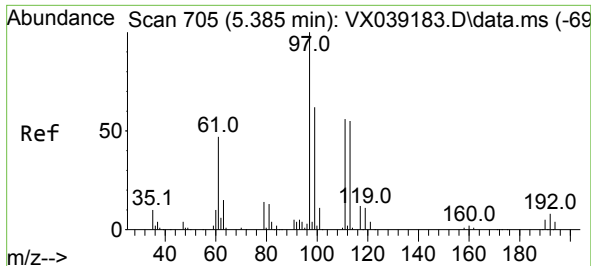
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 17.1 0.0 36.6

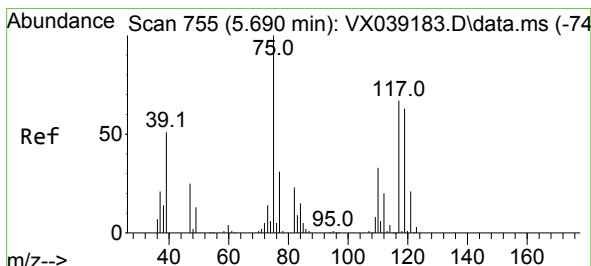
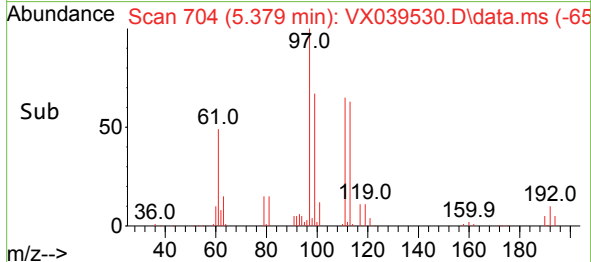
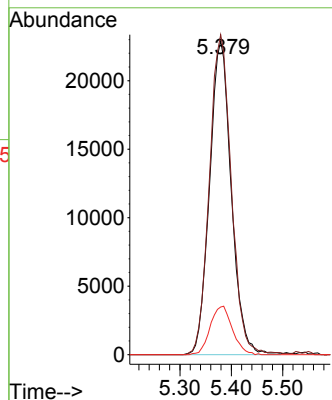
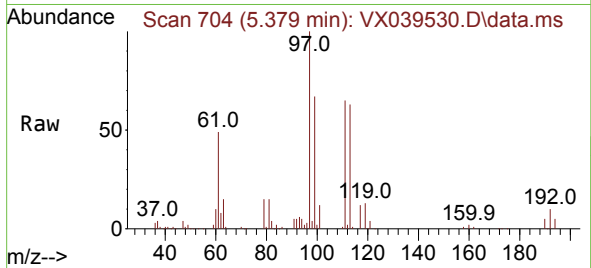




#35
Dibromofluoromethane
Concen: 51.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

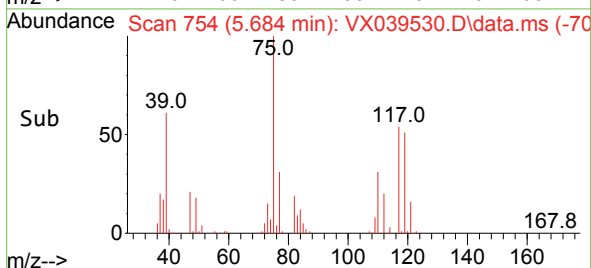
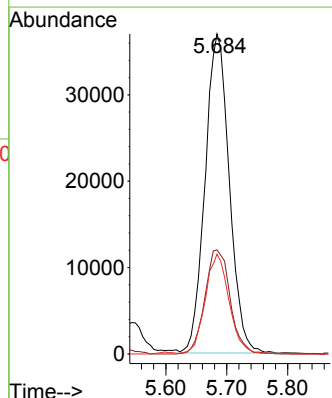
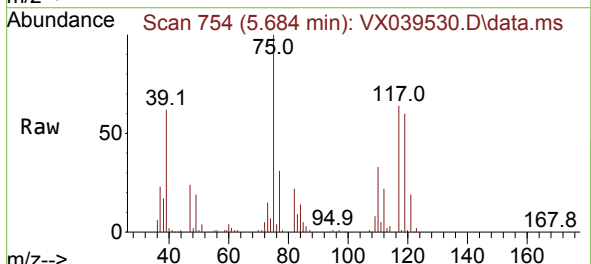
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

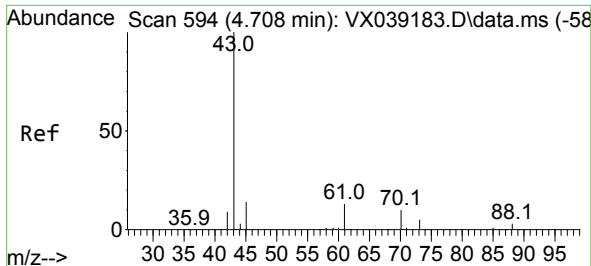
Tgt Ion:113 Resp: 67033
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 49.711 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 75 Resp: 102079
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 53.011 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

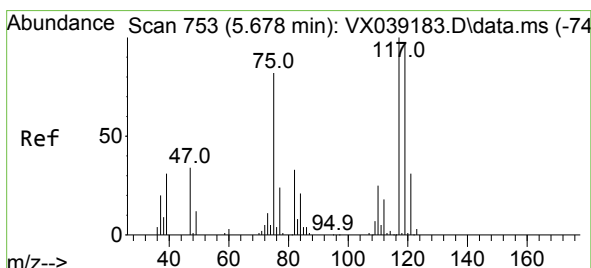
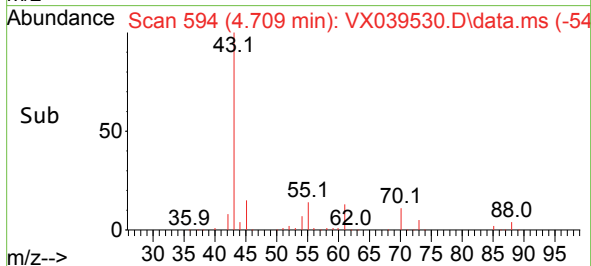
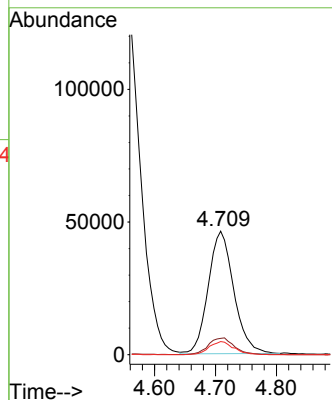
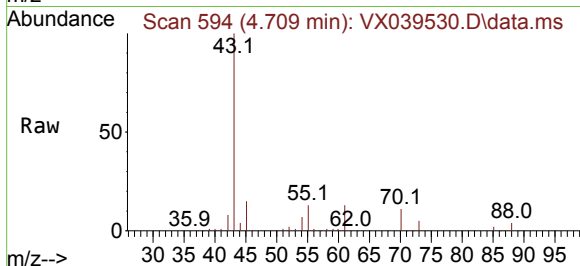
Tgt Ion: 43 Resp: 134484

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 10.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.420 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

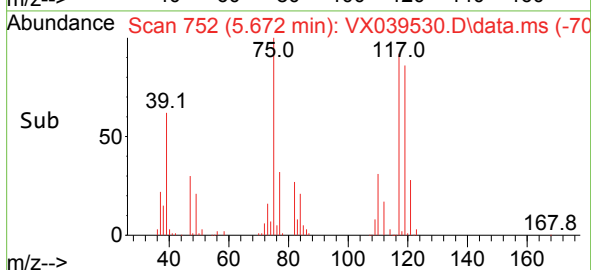
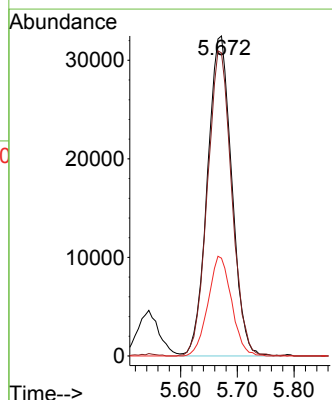
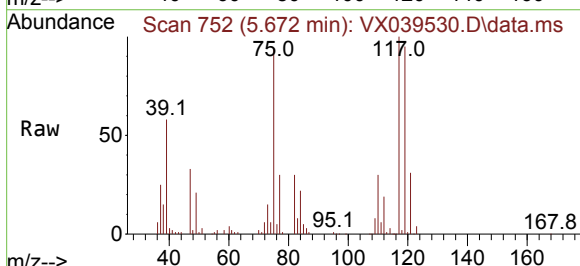
Tgt Ion:117 Resp: 96845

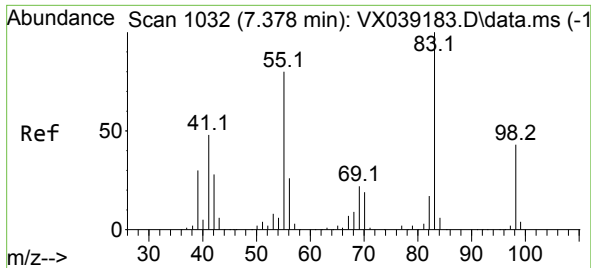
Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.2

121 30.6 24.4 36.6

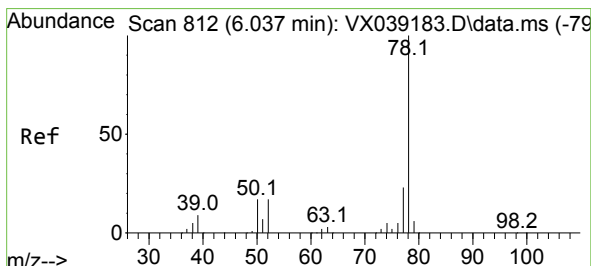
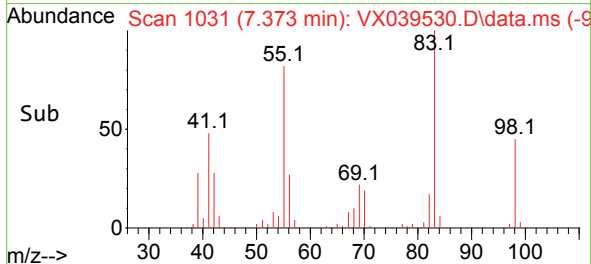
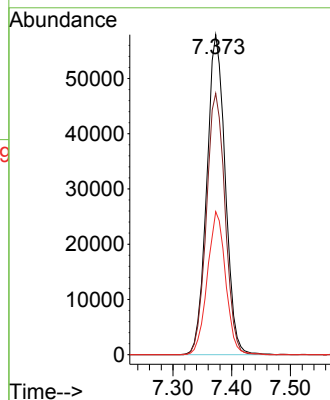
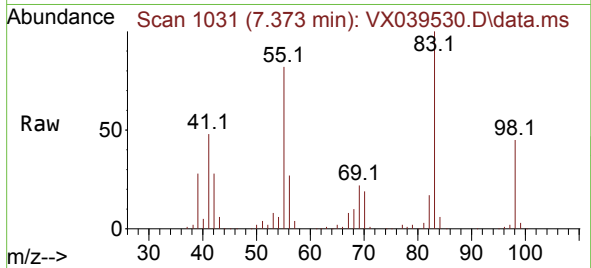




#39
Methylcyclohexane
Concen: 51.455 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

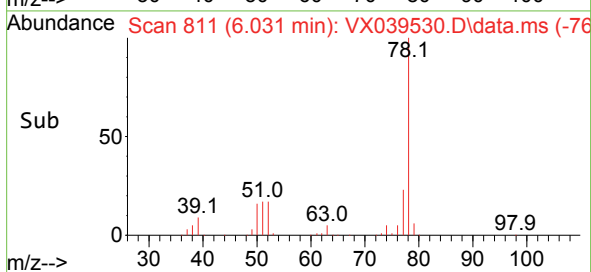
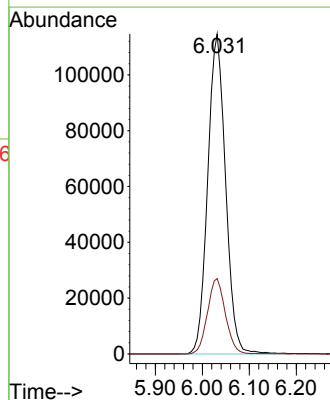
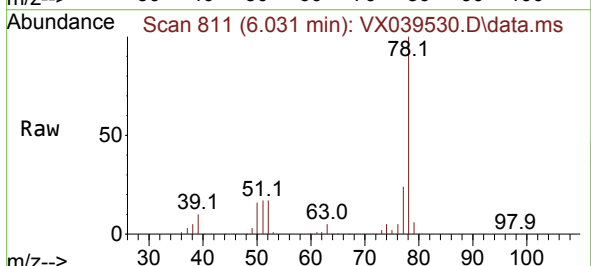
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

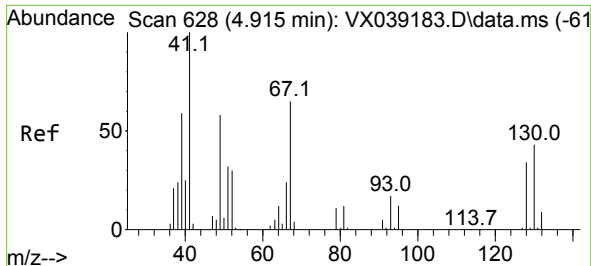
Tgt Ion: 83 Resp: 126916
Ion Ratio Lower Upper
83 100
55 81.7 64.6 97.0
98 44.7 36.7 55.1



#40
Benzene
Concen: 51.910 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 78 Resp: 301529
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



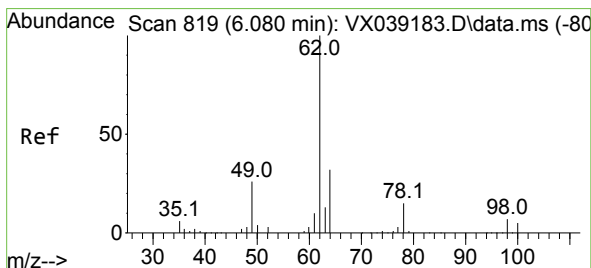
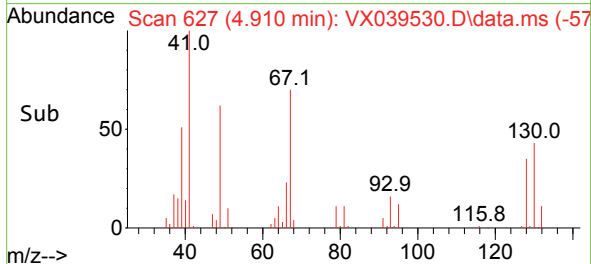
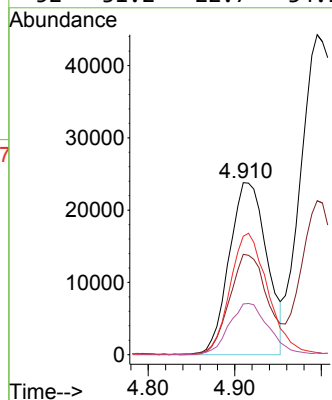
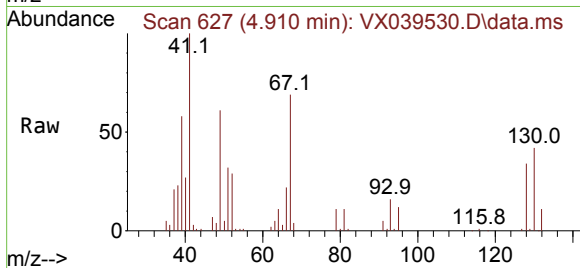


#41
Methacrylonitrile
Concen: 53.345 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 72206

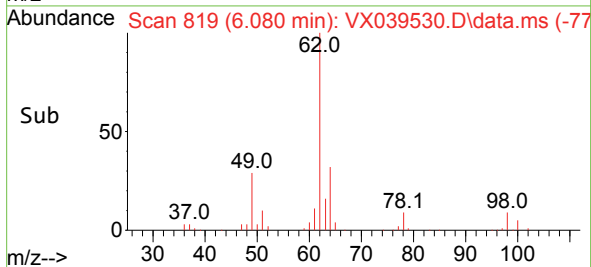
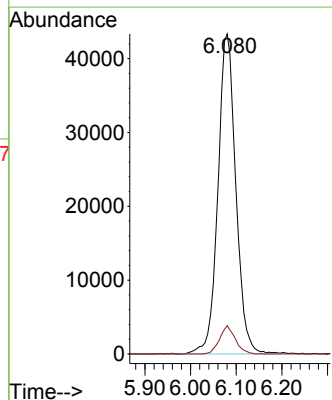
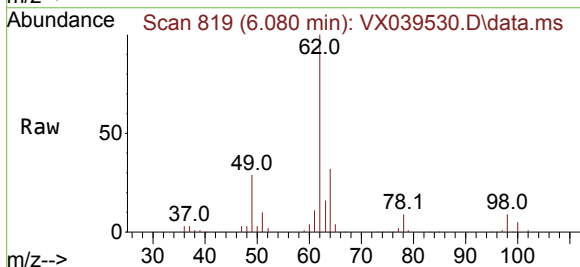
Ion	Ratio	Lower	Upper
41	100		
39	60.3	45.2	67.8
67	71.2	52.6	78.8
52	31.2	22.7	34.1

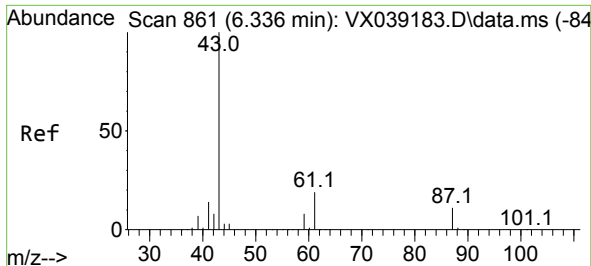


#42
1,2-Dichloroethane
Concen: 50.220 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 62 Resp: 118081

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.0

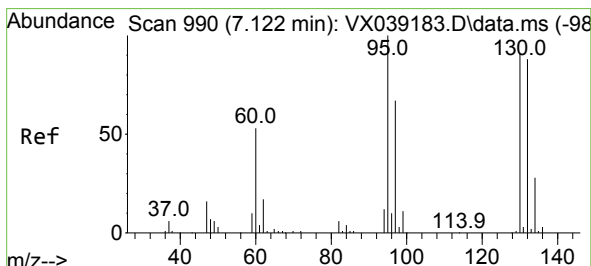
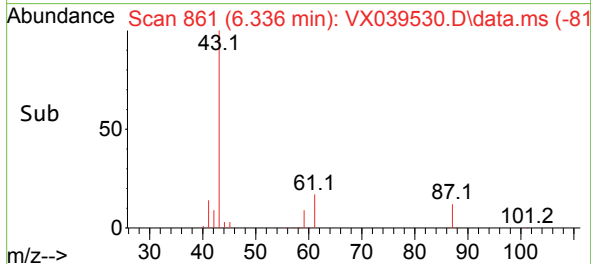
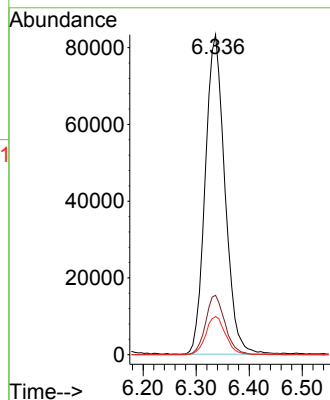
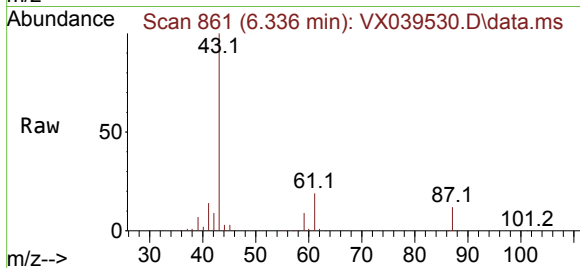




#43
Isopropyl Acetate
Concen: 51.941 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

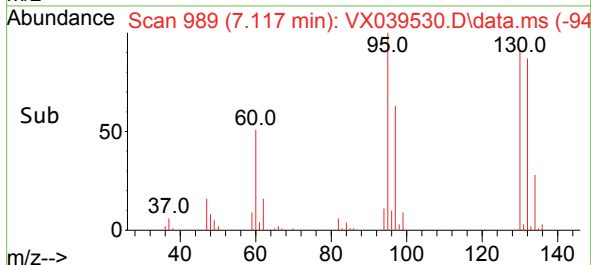
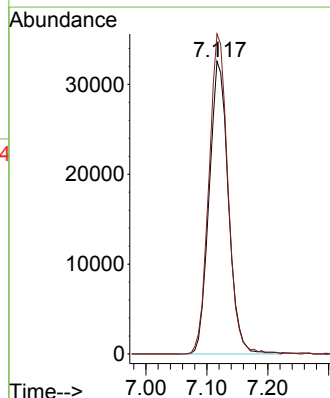
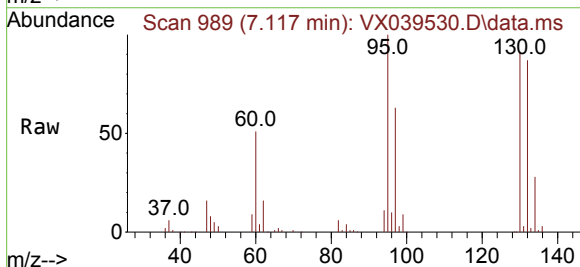
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

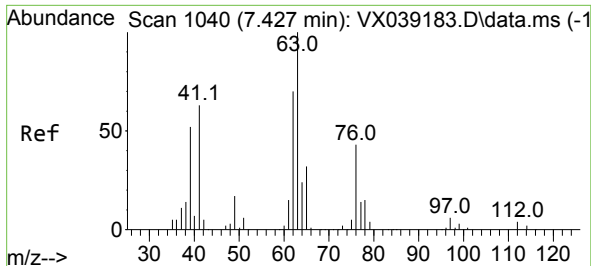
Tgt Ion: 43 Resp: 214275
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 48.645 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion:130 Resp: 71303
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.4

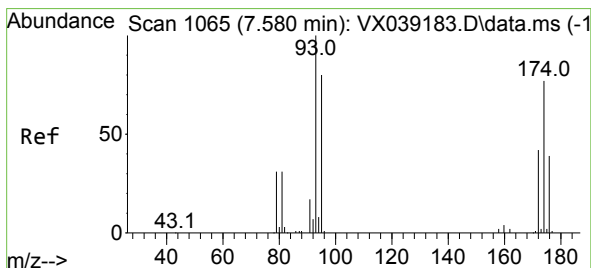
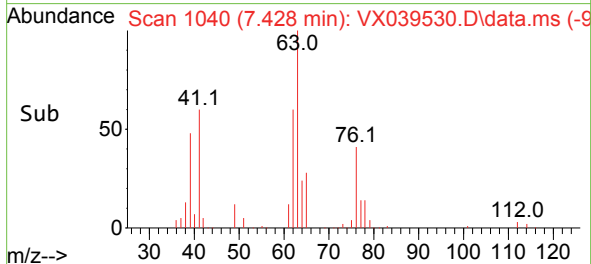
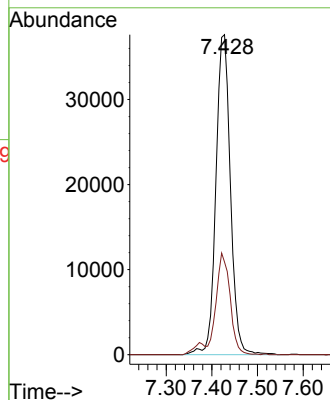
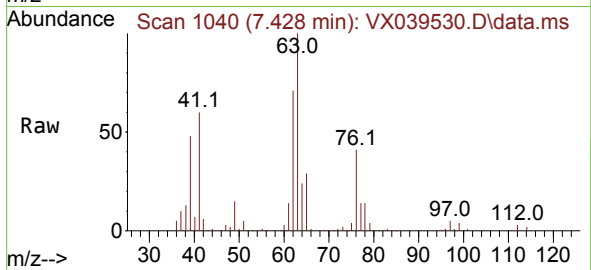




#45
1,2-Dichloropropane
Concen: 53.214 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

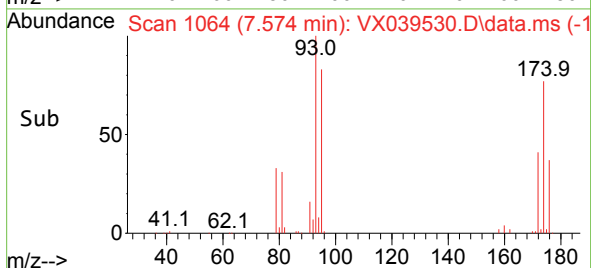
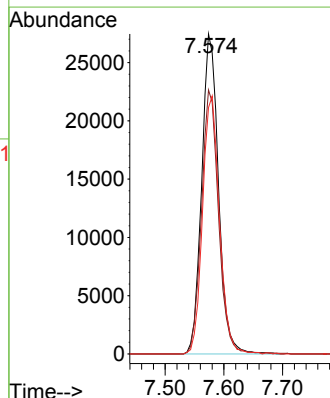
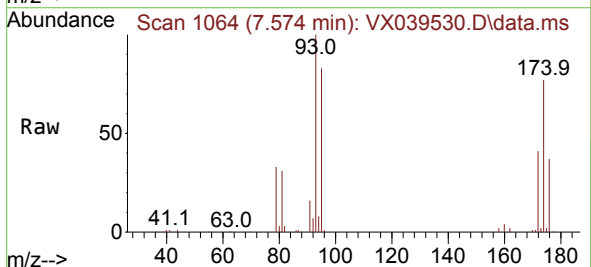
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

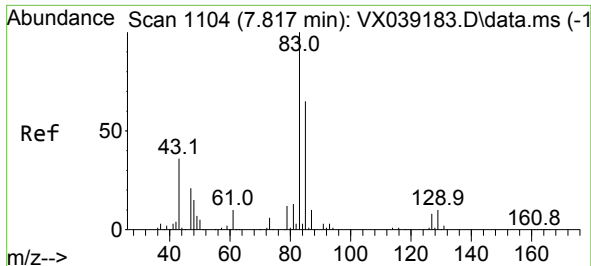
Tgt Ion: 63 Resp: 82956
Ion Ratio Lower Upper
63 100
65 29.0 24.3 36.5



#46
Dibromomethane
Concen: 49.904 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 93 Resp: 54688
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 81.2 69.4 104.0

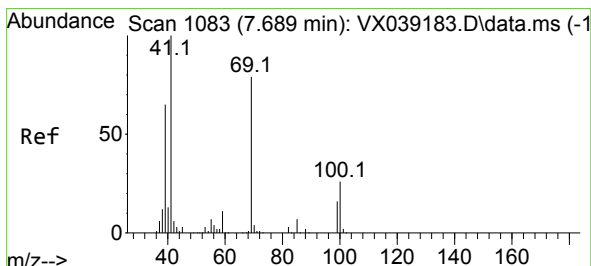
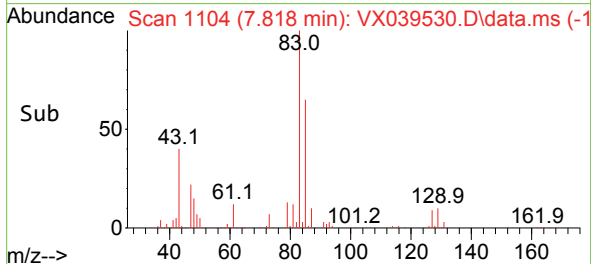
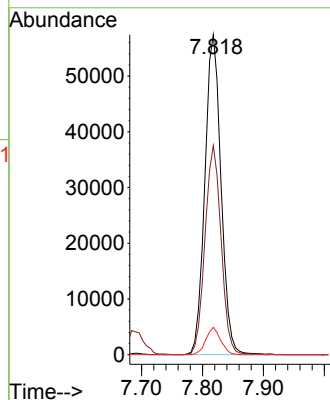
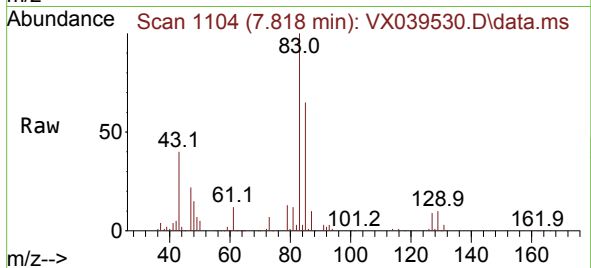




#47
Bromodichloromethane
Concen: 50.531 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

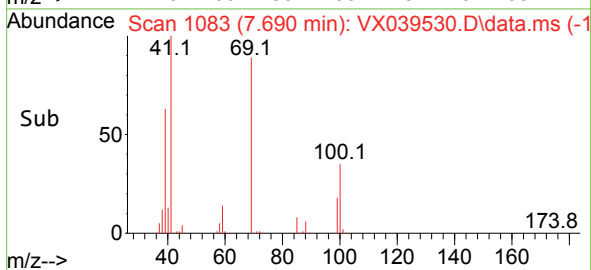
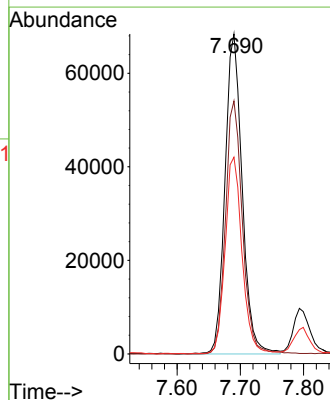
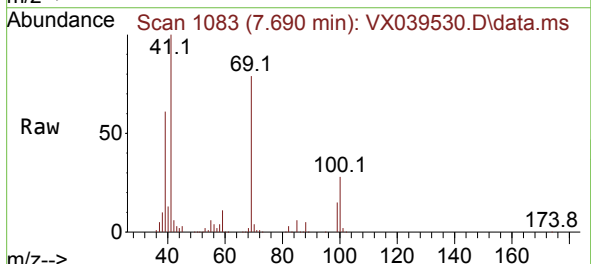
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

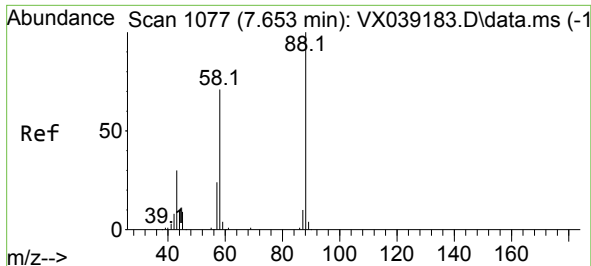
Tgt Ion: 83 Resp: 105878
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 53.360 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 41 Resp: 128693
Ion Ratio Lower Upper
41 100
69 78.1 59.2 88.8
39 61.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1228.500 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

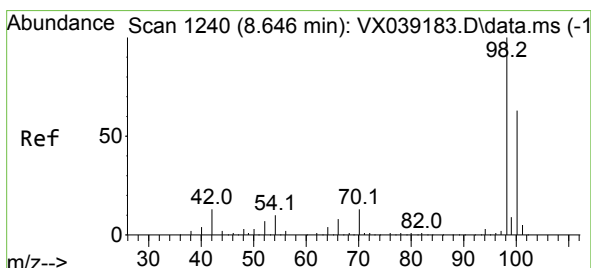
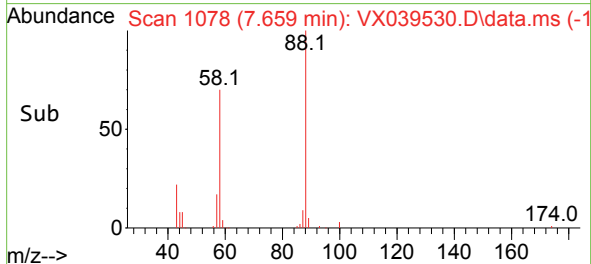
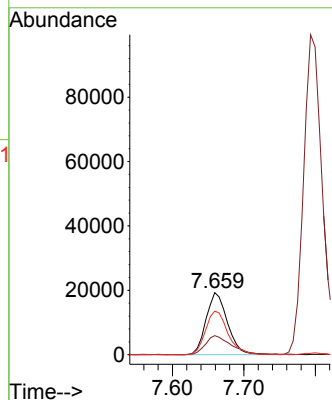
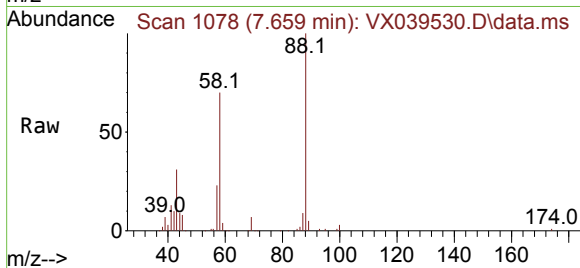
Tgt Ion: 88 Resp: 39938

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

58 73.7 60.1 90.1



#50

Toluene-d8

Concen: 51.314 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039530.D

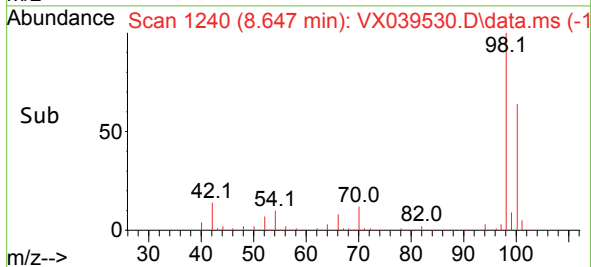
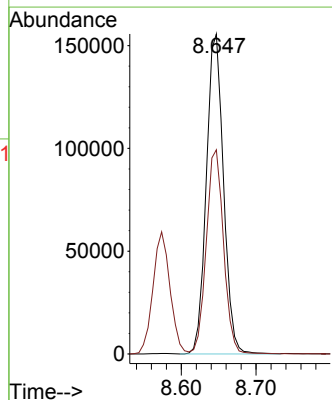
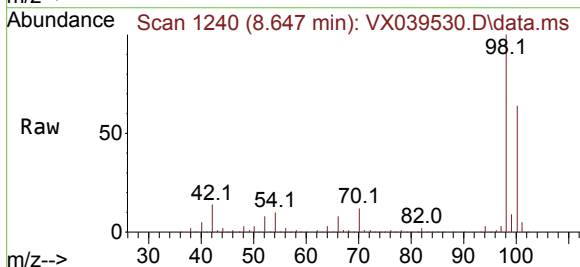
Acq: 29 Dec 2023 09:15

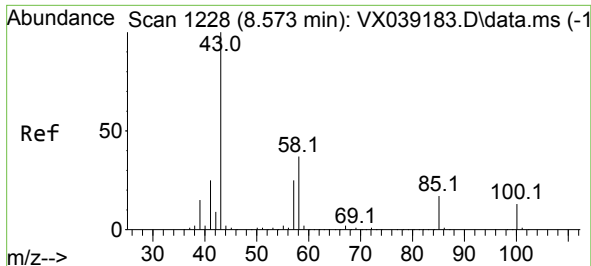
Tgt Ion: 98 Resp: 247898

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

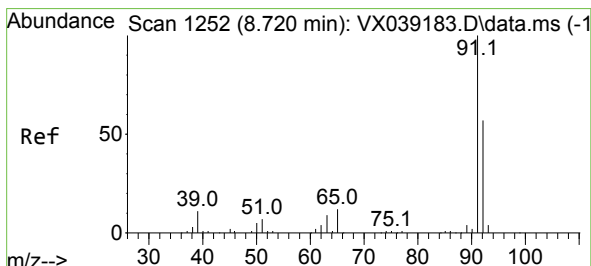
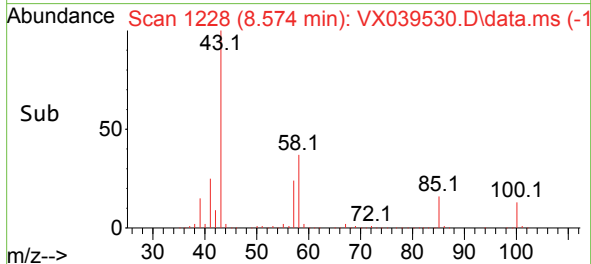
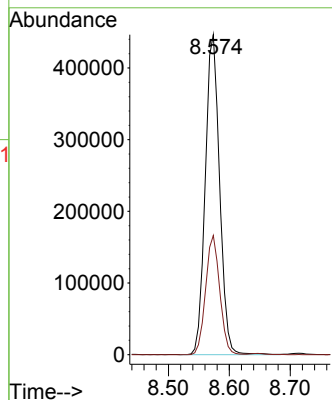
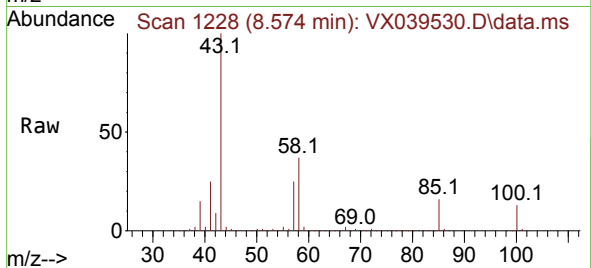




#51
4-Methyl-2-Pentanone
Concen: 279.027 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

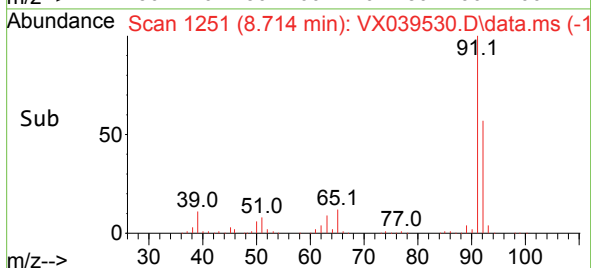
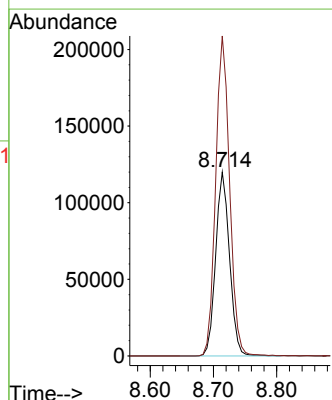
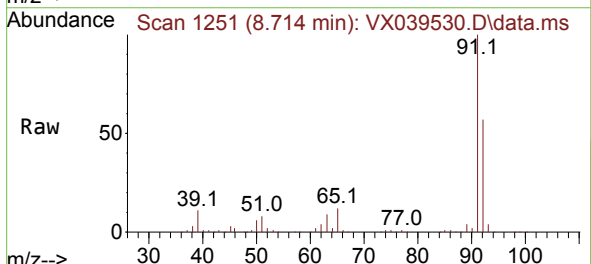
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

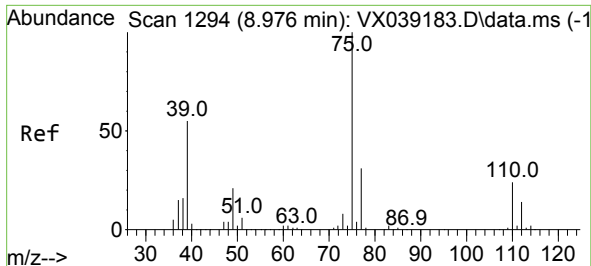
Tgt Ion: 43 Resp: 733415
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6



#52
Toluene
Concen: 51.971 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 92 Resp: 182204
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2

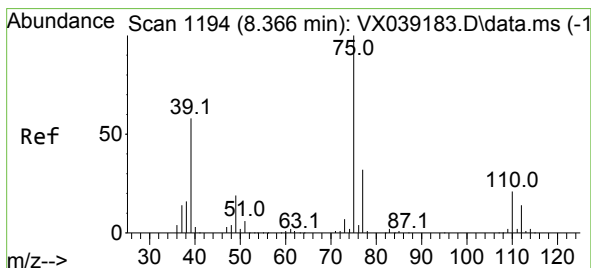
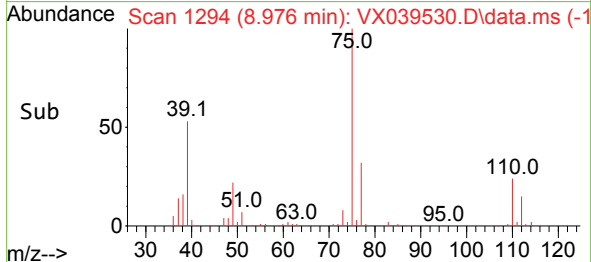
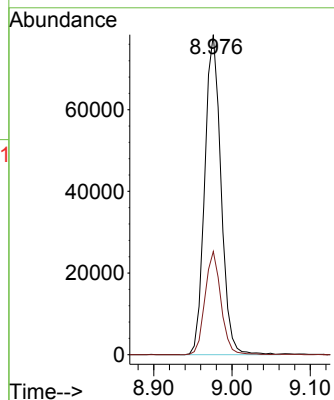
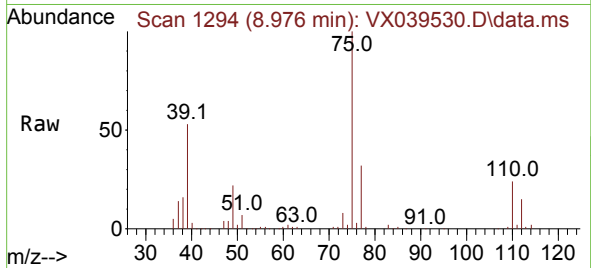




#53
t-1,3-Dichloropropene
Concen: 48.929 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

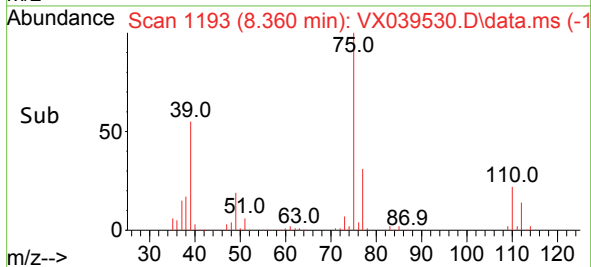
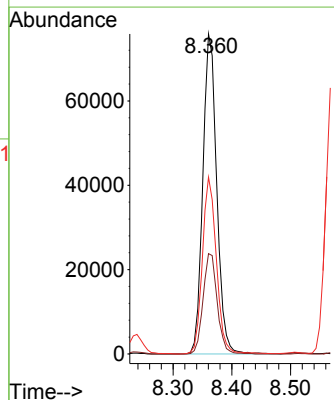
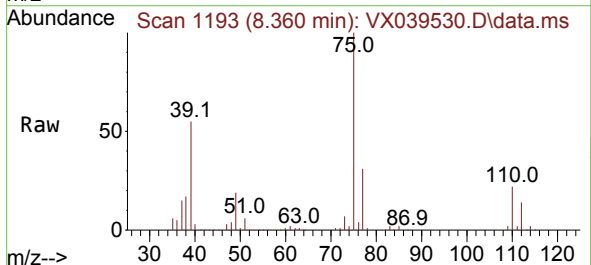
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

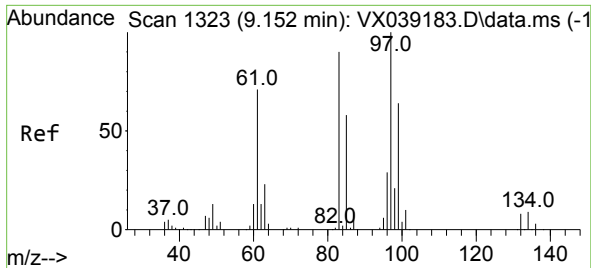
Tgt Ion: 75 Resp: 112871
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.375 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

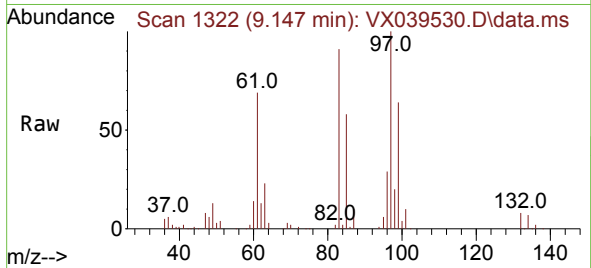
Tgt Ion: 75 Resp: 125035
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 55.3 46.7 70.1





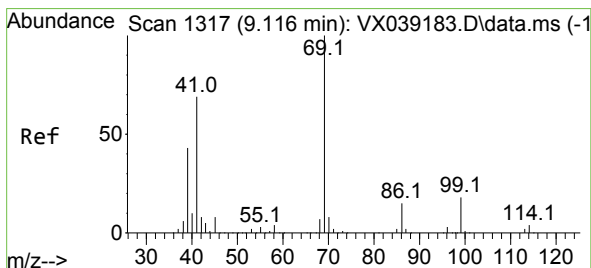
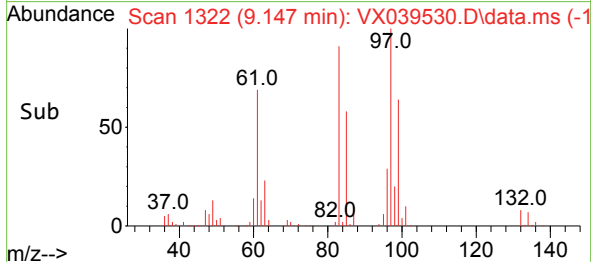
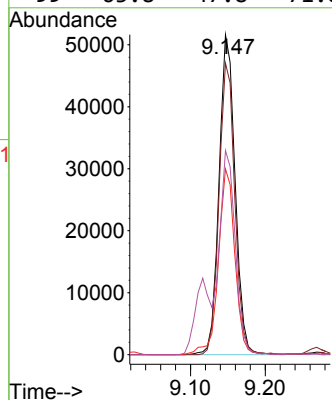
#55
 1,1,2-Trichloroethane
 Concen: 52.759 ug/l
 RT: 9.147 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039530.D
 Acq: 29 Dec 2023 09:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 97 Resp: 77220

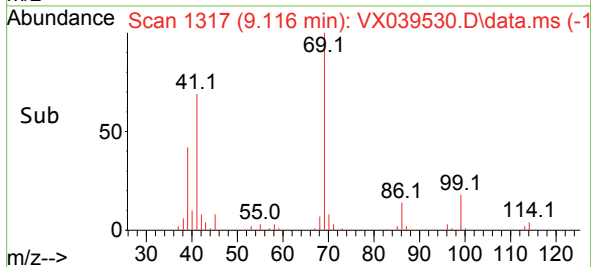
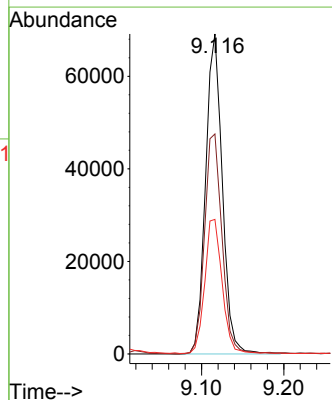
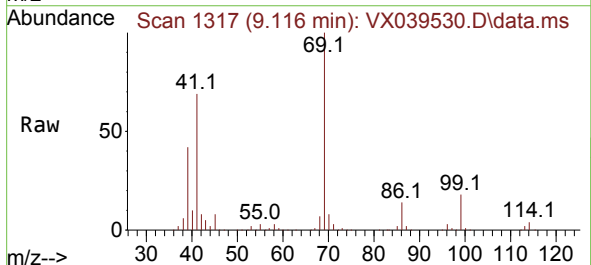
Ion	Ratio	Lower	Upper
97	100		
83	91.1	65.8	98.8
85	58.0	41.6	62.4
99	63.8	47.8	71.8

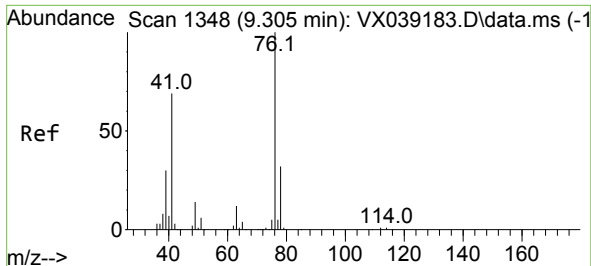


#56
 Ethyl methacrylate
 Concen: 54.801 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX039530.D
 Acq: 29 Dec 2023 09:15

Tgt Ion: 69 Resp: 97917

Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.8	85.2
39	43.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.170 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

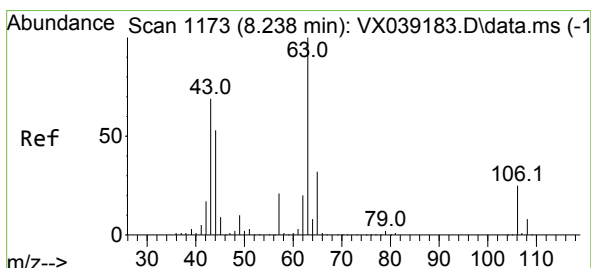
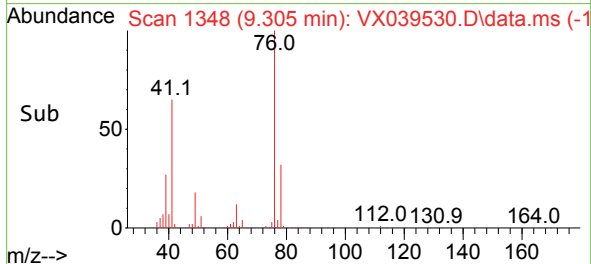
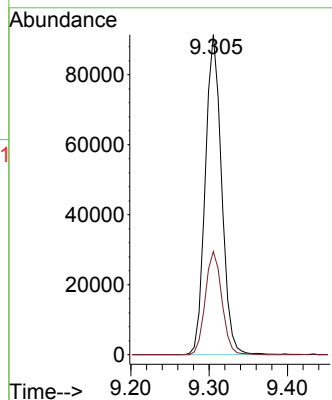
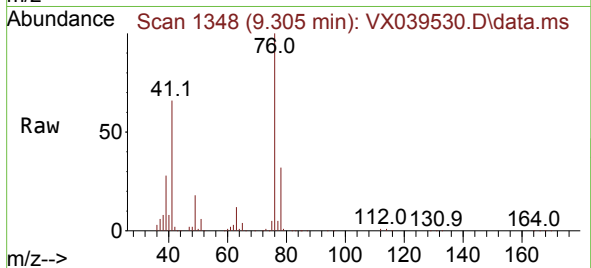
VSTDCCC050

Tgt Ion: 76 Resp: 132006

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 293.289 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039530.D

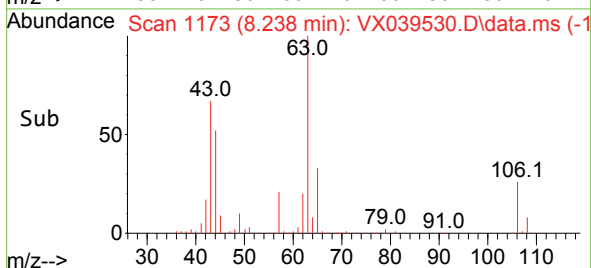
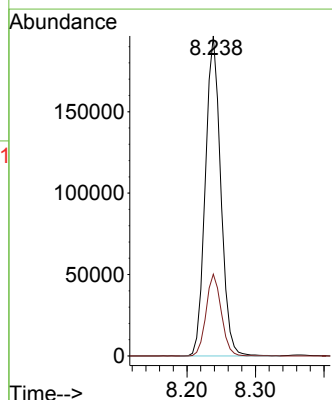
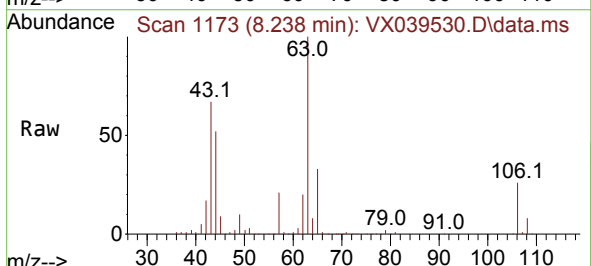
Acq: 29 Dec 2023 09:15

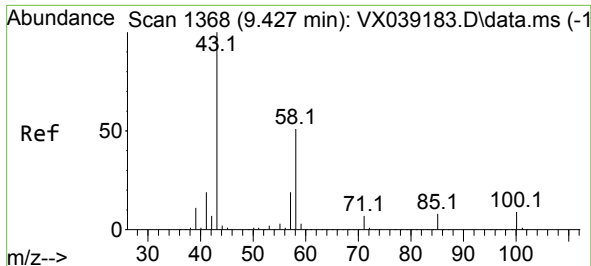
Tgt Ion: 63 Resp: 307709

Ion Ratio Lower Upper

63 100

106 25.2 22.5 33.7





#59

2-Hexanone

Concen: 270.525 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

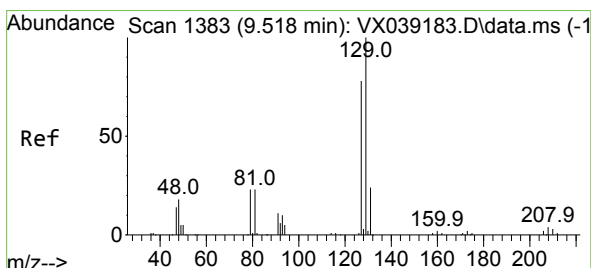
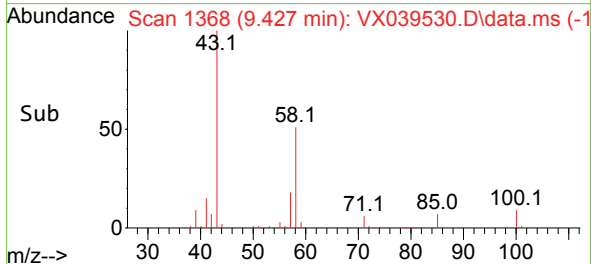
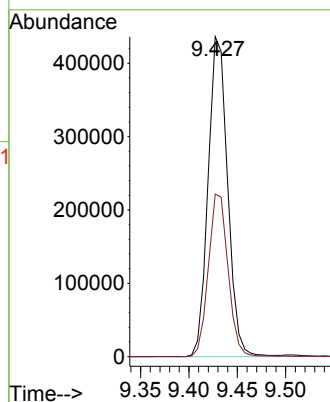
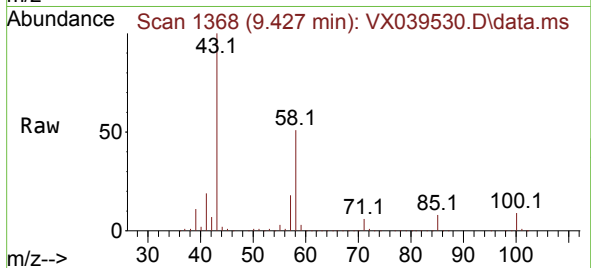
VSTDCCC050

Tgt Ion: 43 Resp: 613680

Ion Ratio Lower Upper

43 100

58 51.5 26.2 78.5



#60

Dibromochloromethane

Concen: 50.675 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039530.D

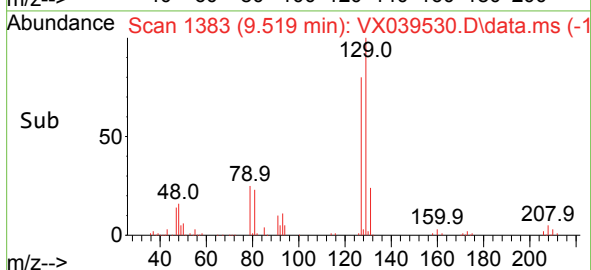
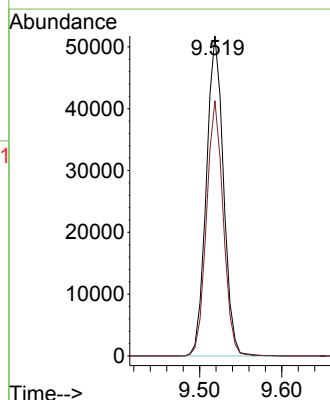
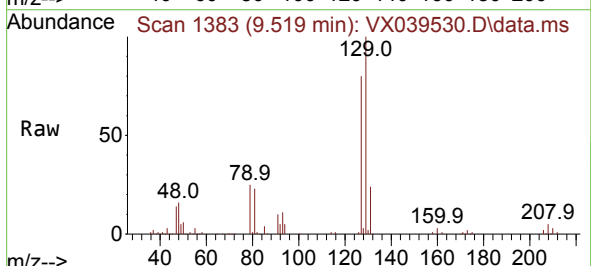
Acq: 29 Dec 2023 09:15

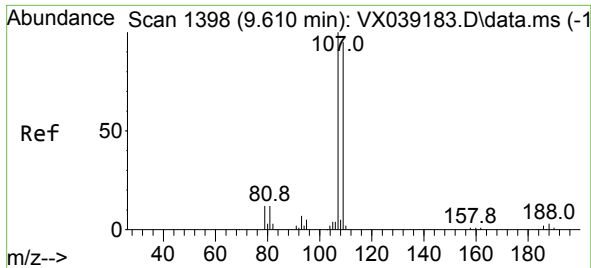
Tgt Ion: 129 Resp: 75011

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.4

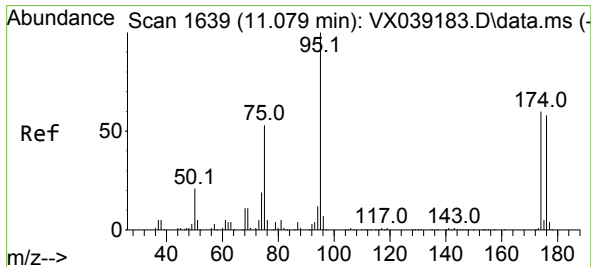
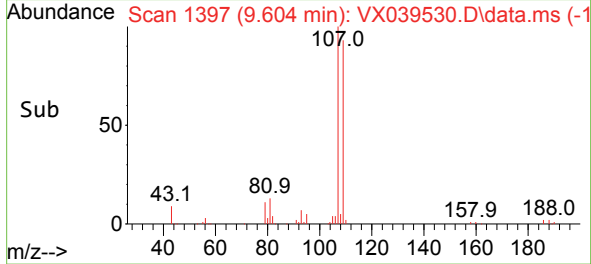
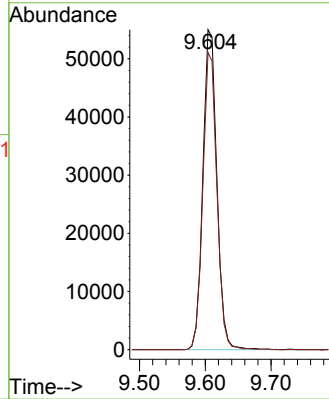
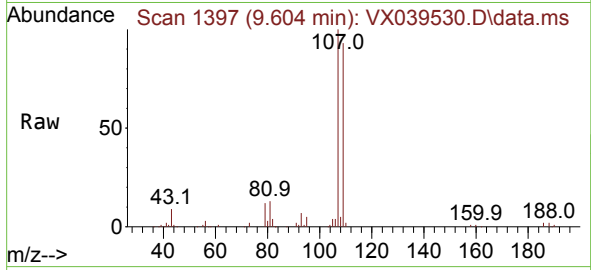




#61
1,2-Dibromoethane
Concen: 52.084 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

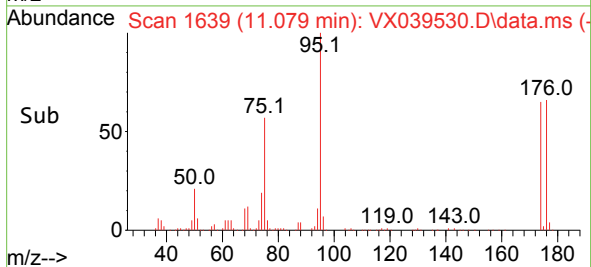
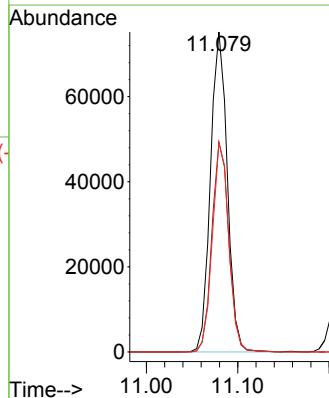
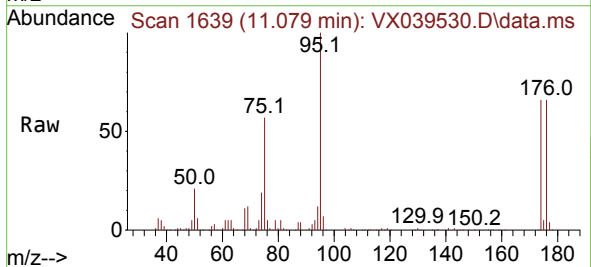
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

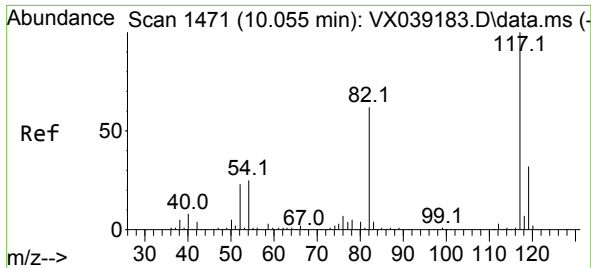
Tgt Ion:107 Resp: 81380
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 95 Resp: 95701
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 63.9 0.0 131.0

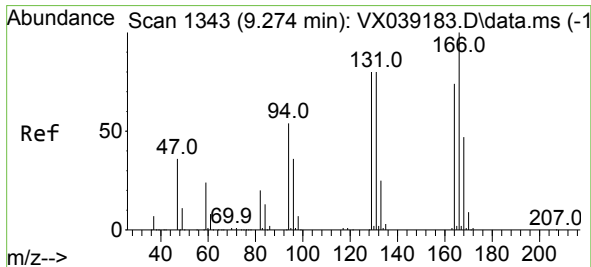
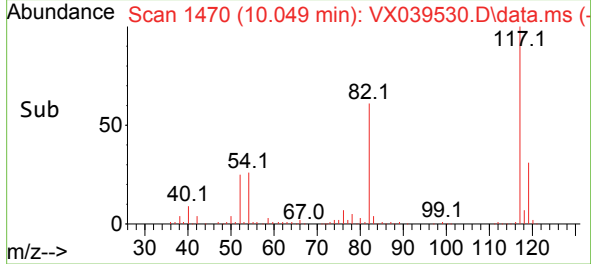
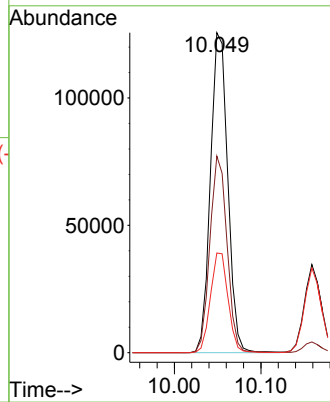
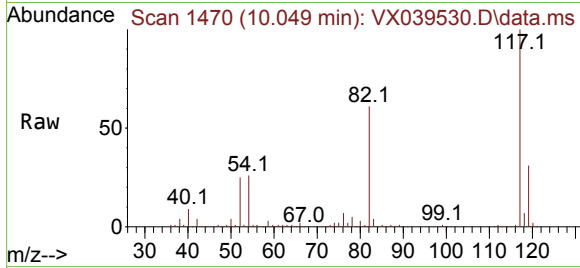




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

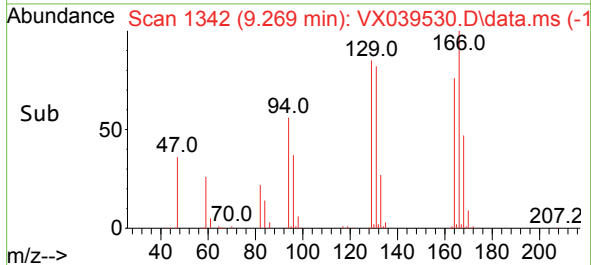
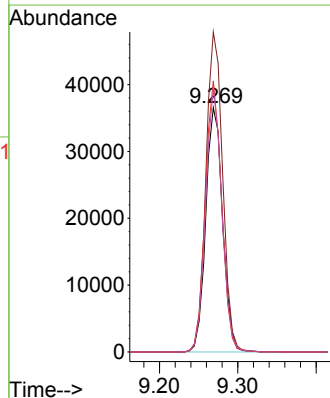
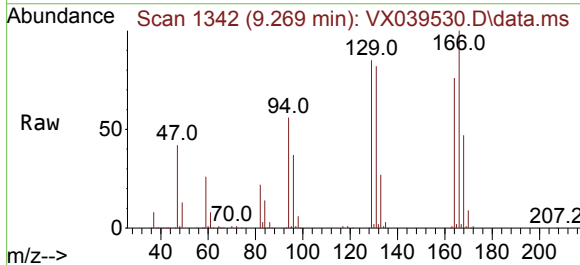
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

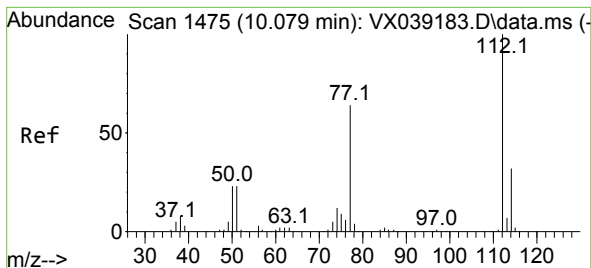
Tgt Ion:117 Resp: 174158
Ion Ratio Lower Upper
117 100
82 61.4 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 47.890 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion:164 Resp: 54502
Ion Ratio Lower Upper
164 100
166 131.1 102.7 154.1
129 111.0 80.4 120.6
131 108.0 76.5 114.7





#65

Chlorobenzene

Concen: 49.947 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

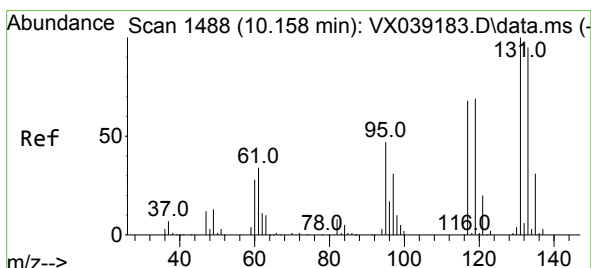
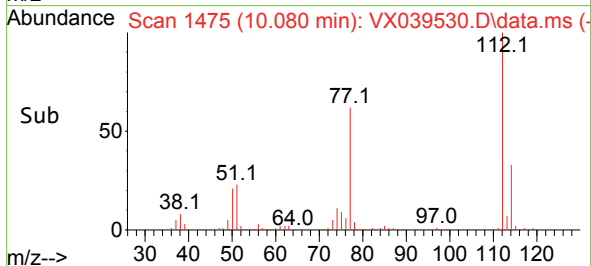
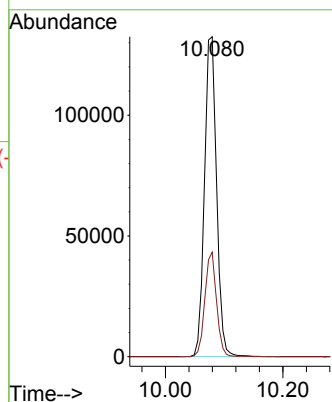
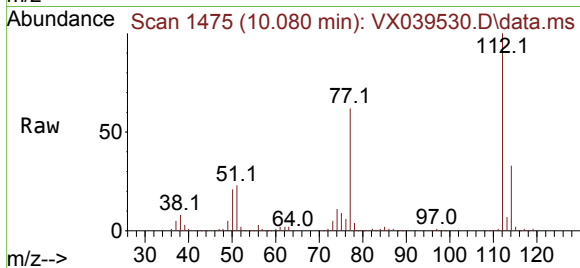
VSTDCCC050

Tgt Ion:112 Resp: 189867

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.511 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

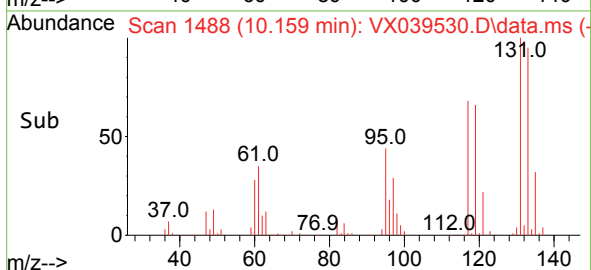
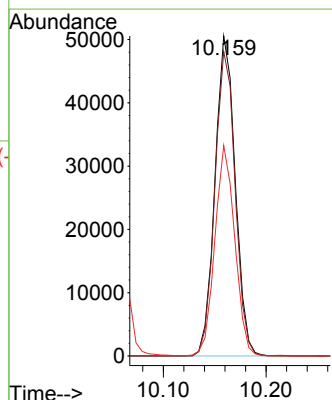
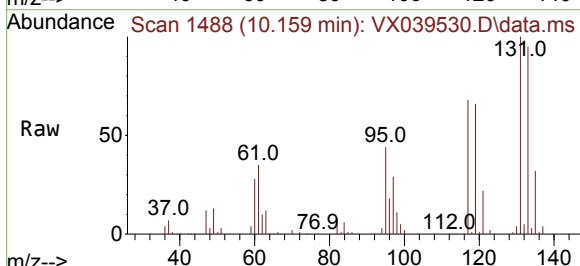
Tgt Ion:131 Resp: 69166

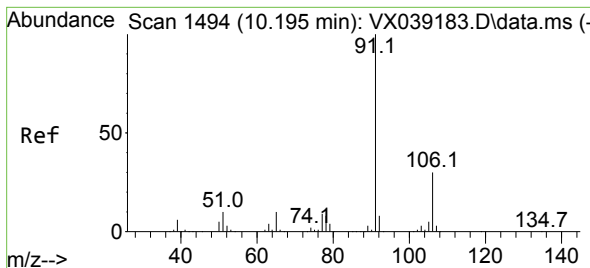
Ion Ratio Lower Upper

131 100

133 95.0 47.1 141.4

119 64.7 32.2 96.6





#67

Ethyl Benzene

Concen: 51.334 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

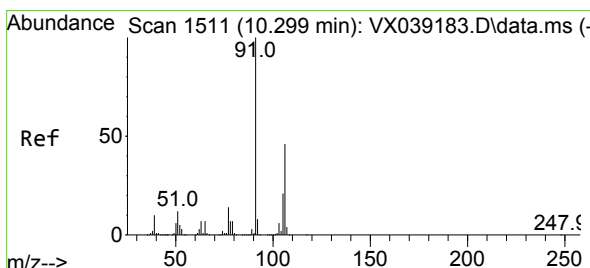
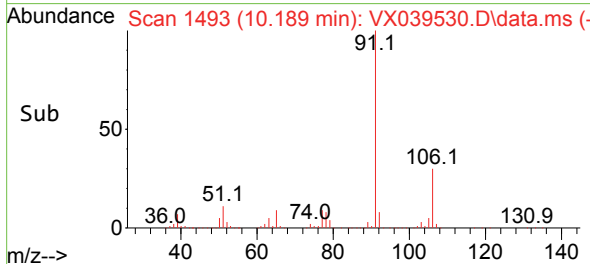
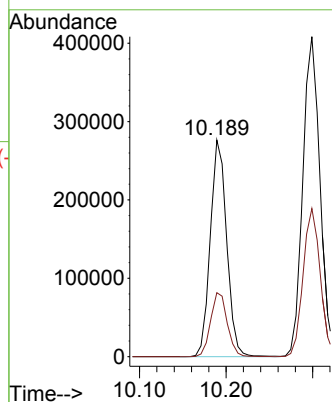
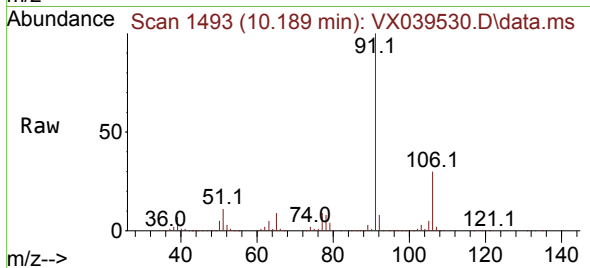
VSTDCCC050

Tgt Ion: 91 Resp: 363239

Ion Ratio Lower Upper

91 100

106 29.6 24.9 37.3



#68

m/p-Xylenes

Concen: 102.846 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039530.D

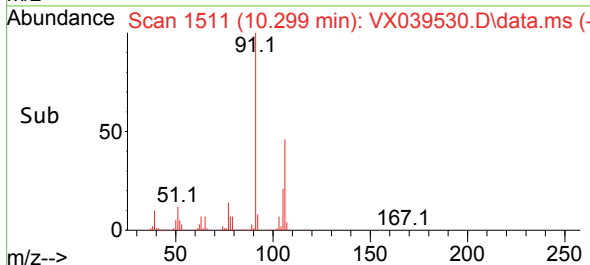
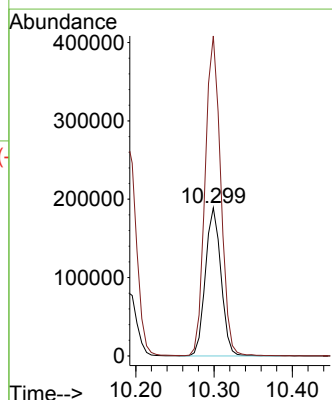
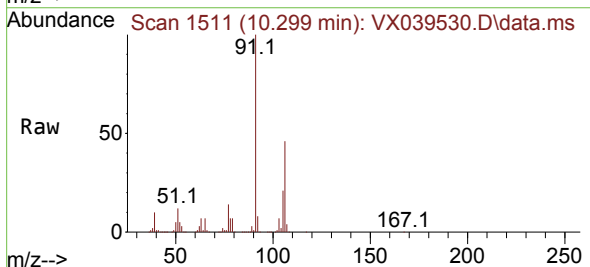
Acq: 29 Dec 2023 09:15

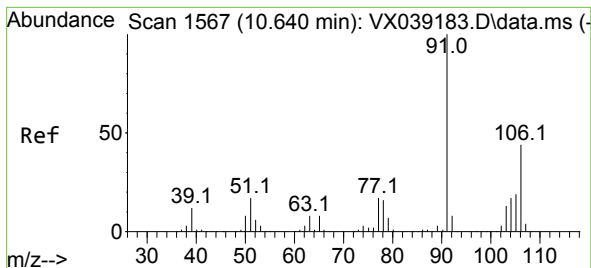
Tgt Ion:106 Resp: 260927

Ion Ratio Lower Upper

106 100

91 216.1 165.5 248.3





#69

o-Xylene

Concen: 52.931 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

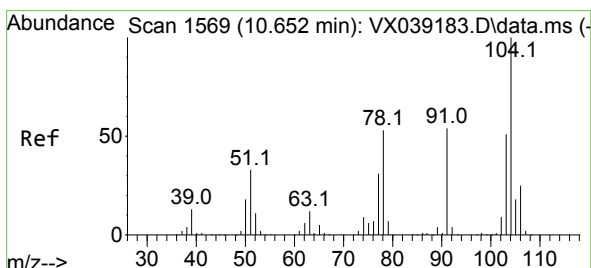
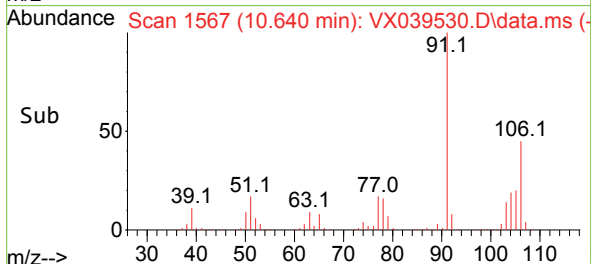
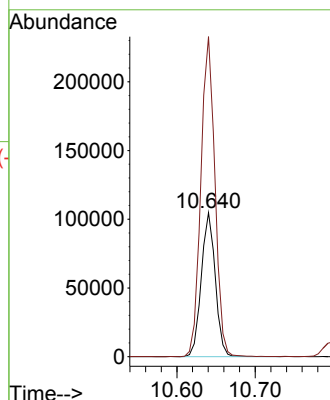
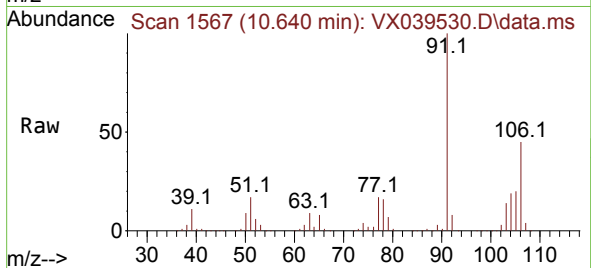
VSTDCCC050

Tgt Ion:106 Resp: 129840

Ion Ratio Lower Upper

106 100

91 224.4 108.9 326.8



#70

Styrene

Concen: 53.253 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

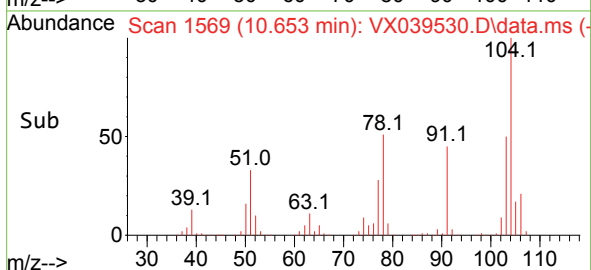
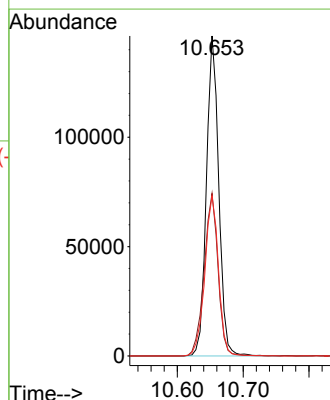
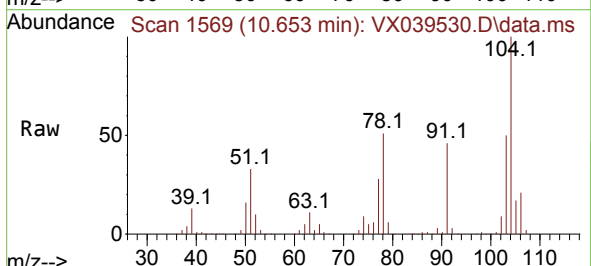
Tgt Ion:104 Resp: 190970

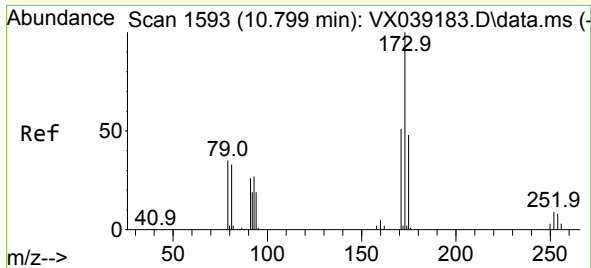
Ion Ratio Lower Upper

104 100

78 57.2 43.6 65.4

103 55.7 43.6 65.4

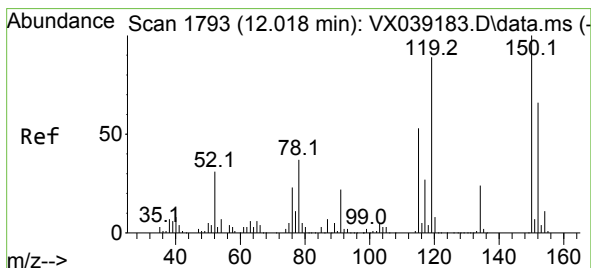
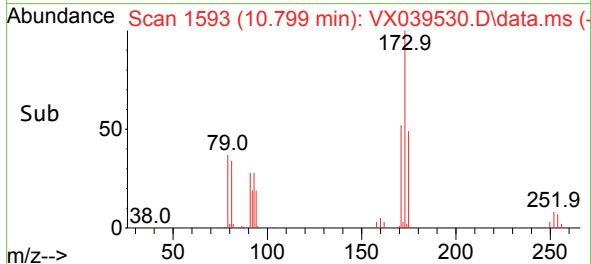
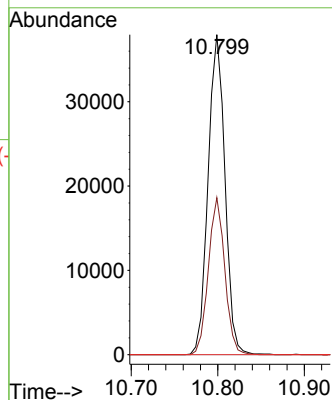
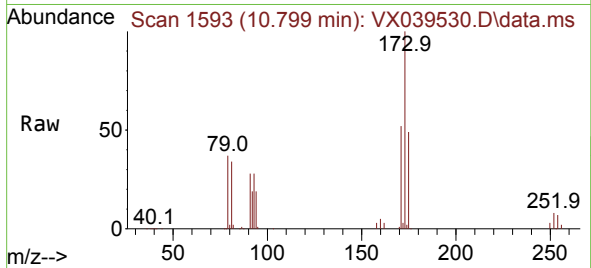




#71
Bromoform
Concen: 51.350 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

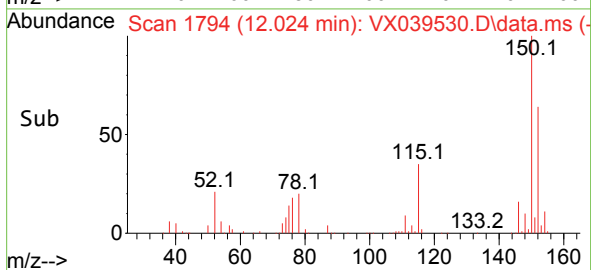
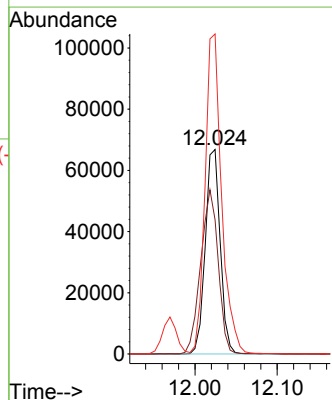
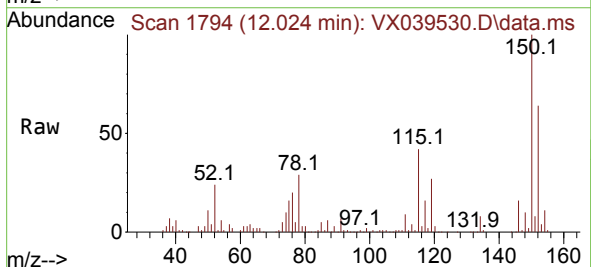
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

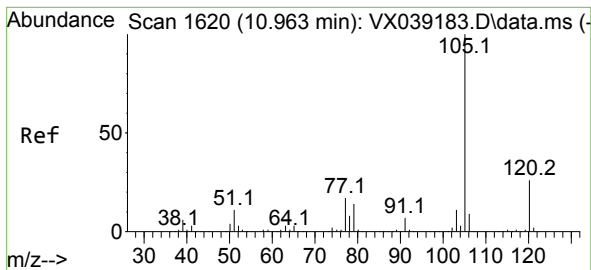
Tgt Ion:173 Resp: 51250
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion:152 Resp: 84111
Ion Ratio Lower Upper
152 100
115 94.4 43.3 129.9
150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 54.063 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

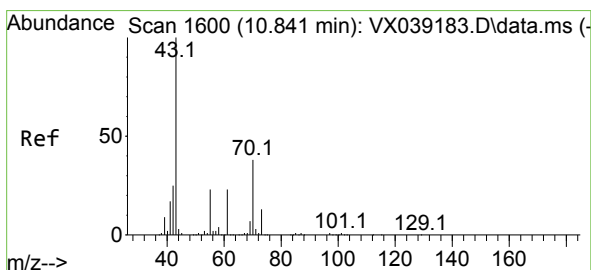
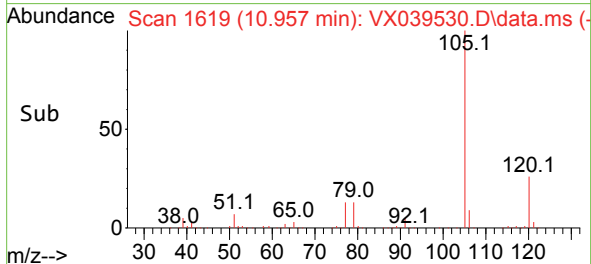
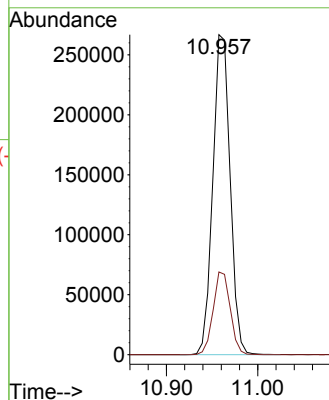
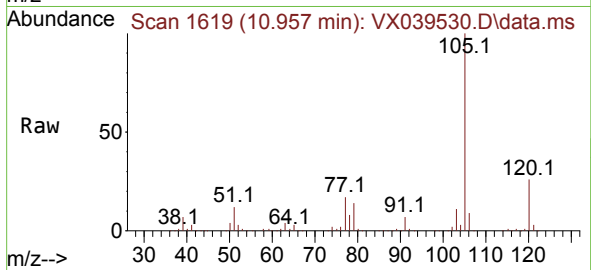
VSTDCCC050

Tgt Ion:105 Resp: 350843

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



#74

N-ethyl acetate

Concen: 56.756 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Tgt Ion: 43 Resp: 186354

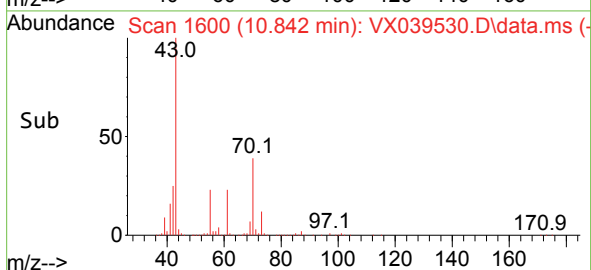
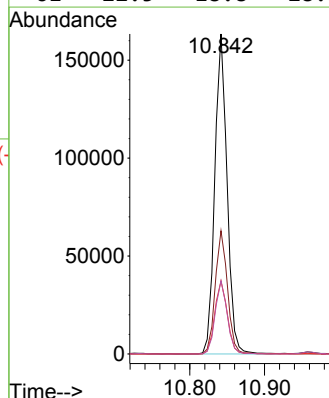
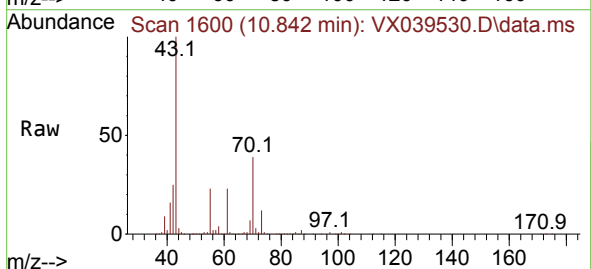
Ion Ratio Lower Upper

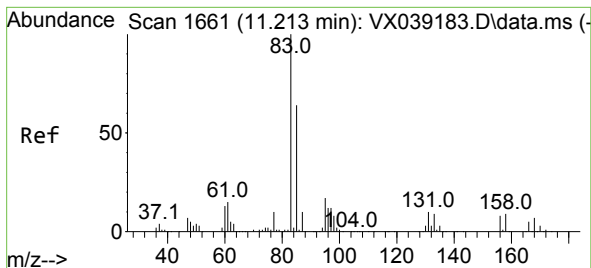
43 100

70 38.5 32.9 49.3

55 23.4 19.3 28.9

61 22.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 56.547 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

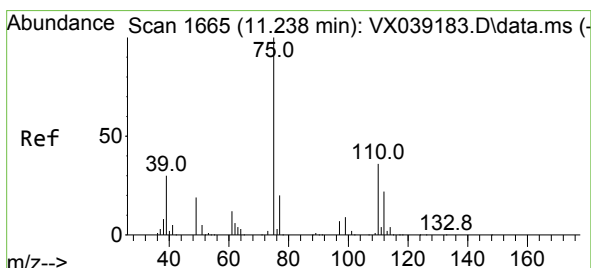
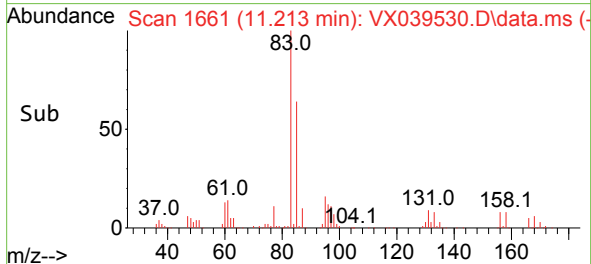
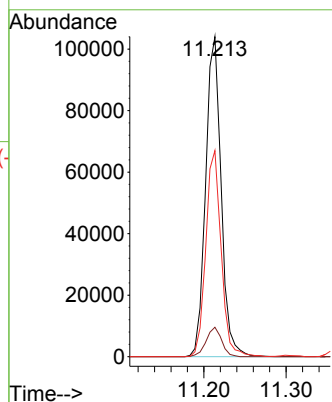
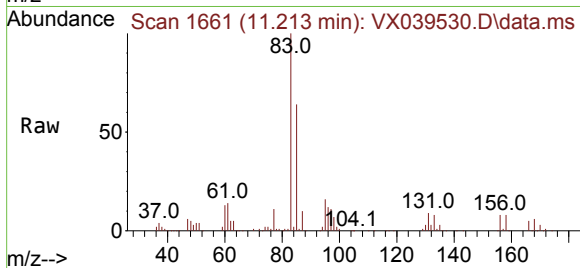
Tgt Ion: 83 Resp: 136512

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

85 63.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 70.854 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039530.D

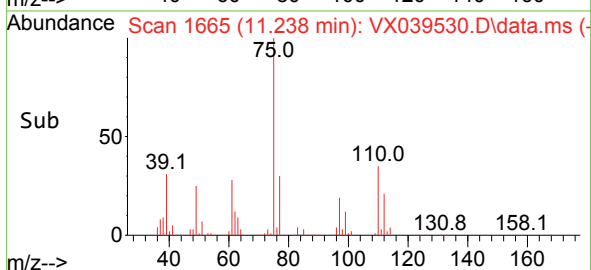
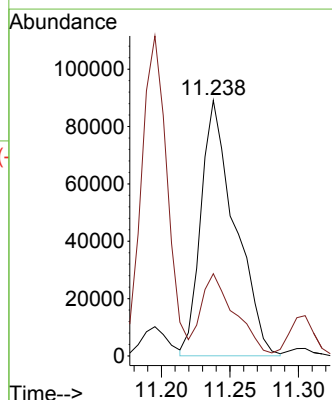
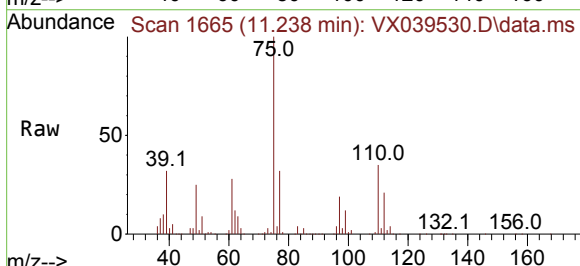
Acq: 29 Dec 2023 09:15

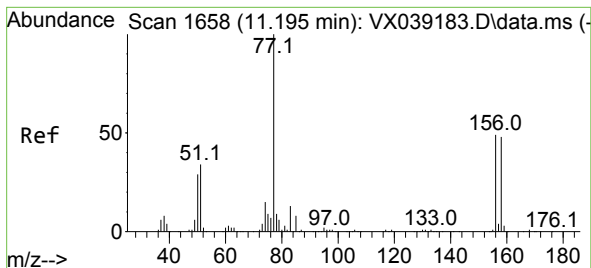
Tgt Ion: 75 Resp: 154186

Ion Ratio Lower Upper

75 100

77 32.0 19.1 57.5





#77

Bromobenzene

Concen: 52.847 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

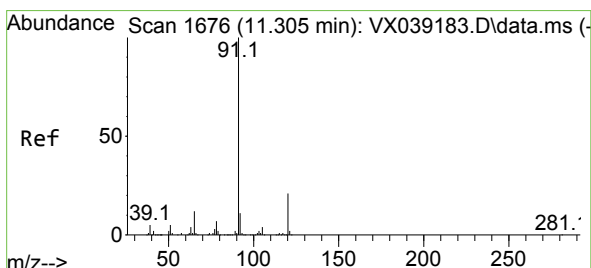
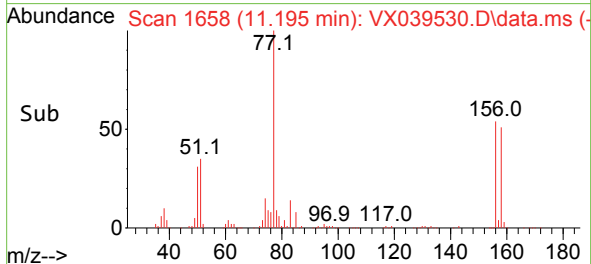
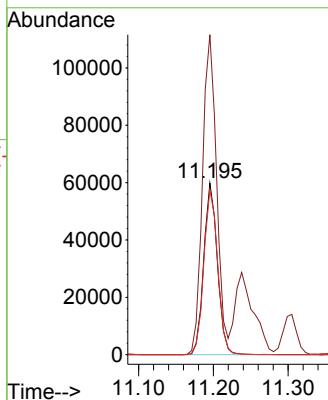
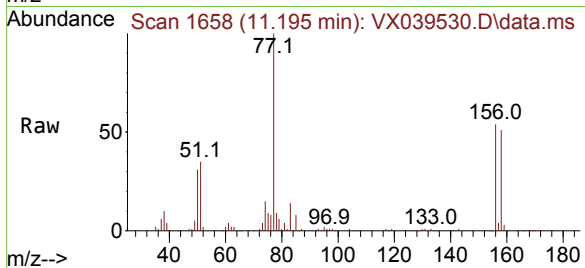
Tgt Ion:156 Resp: 75838

Ion Ratio Lower Upper

156 100

77 192.8 88.4 265.3

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 53.253 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039530.D

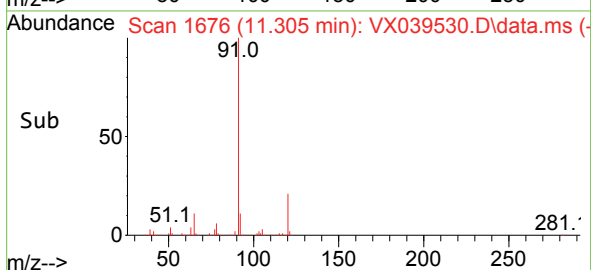
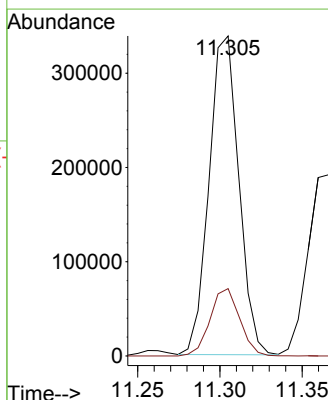
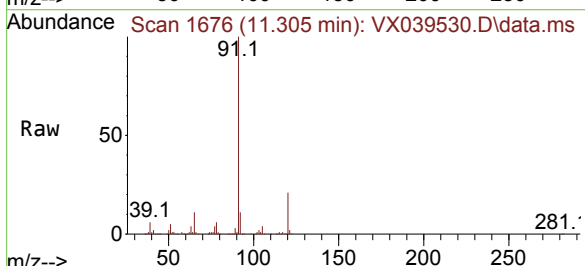
Acq: 29 Dec 2023 09:15

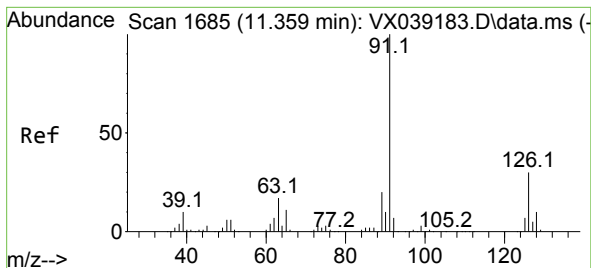
Tgt Ion: 91 Resp: 425797

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.651 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

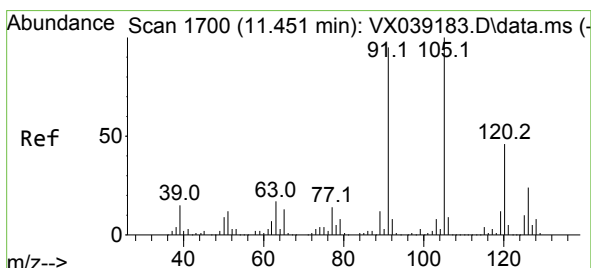
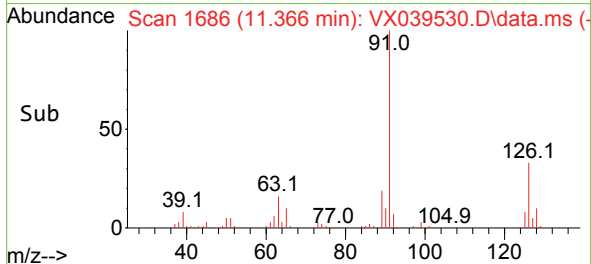
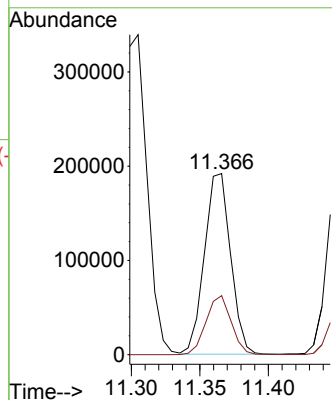
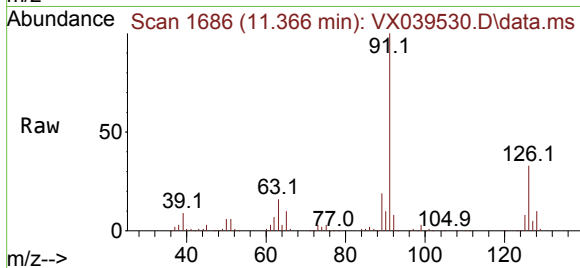
VSTDCCC050

Tgt Ion: 91 Resp: 254642

Ion Ratio Lower Upper

91 100

126 31.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 54.427 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039530.D

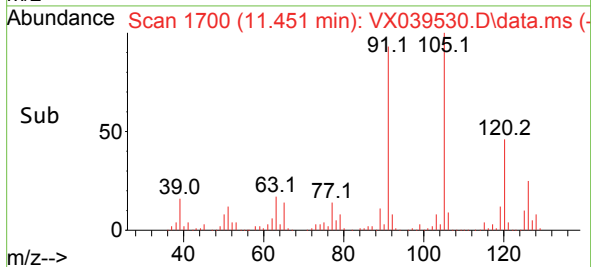
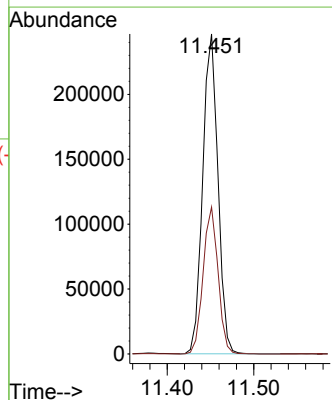
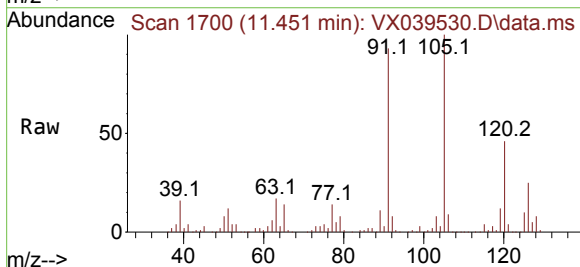
Acq: 29 Dec 2023 09:15

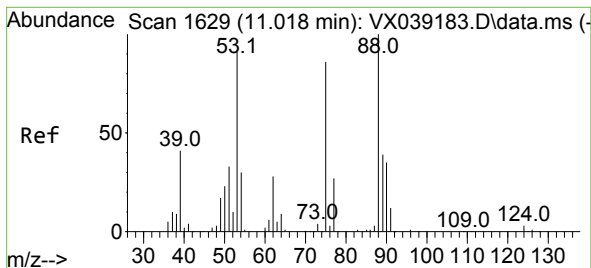
Tgt Ion: 105 Resp: 300892

Ion Ratio Lower Upper

105 100

120 45.0 24.1 72.3

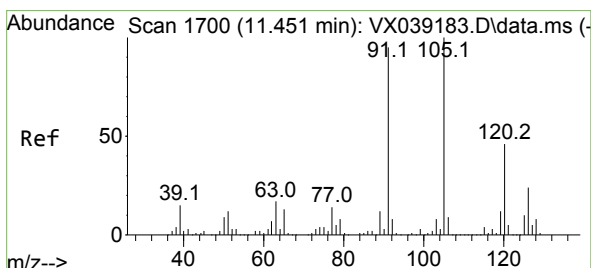
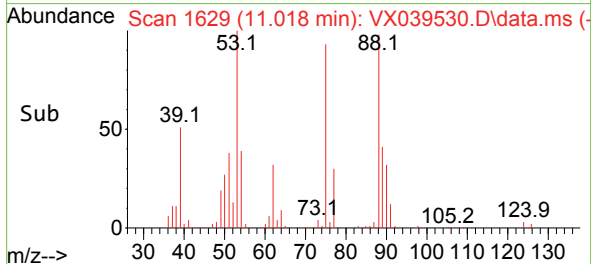
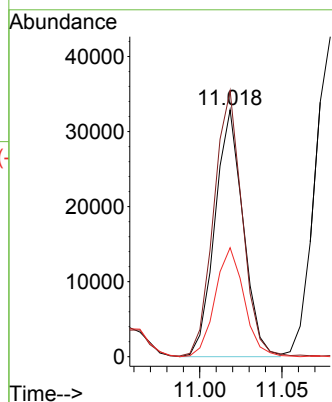
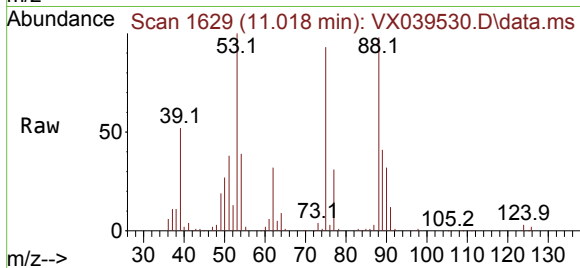




#81
trans-1,4-Dichloro-2-butene
Concen: 51.021 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

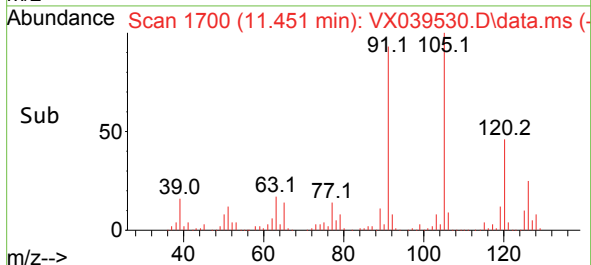
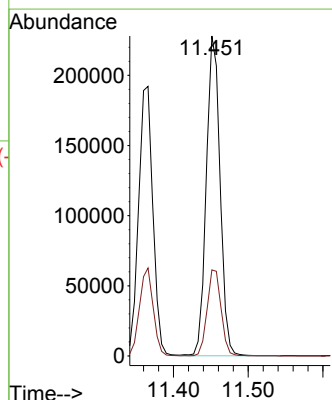
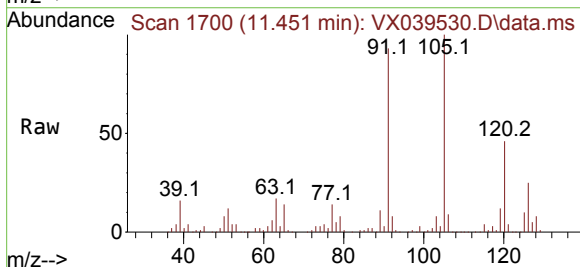
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

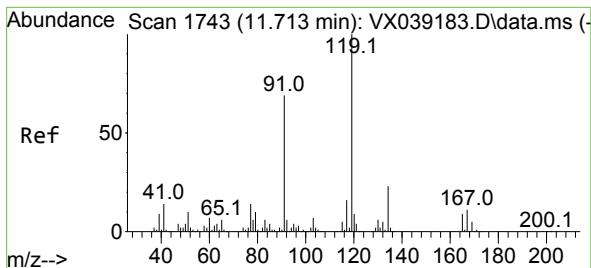
Tgt Ion: 75 Resp: 39357
Ion Ratio Lower Upper
75 100
53 109.1 90.5 135.7
89 45.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 91 Resp: 291334
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.362 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

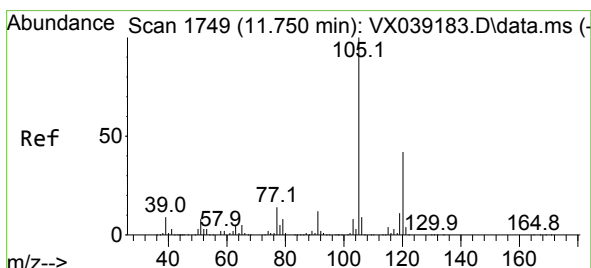
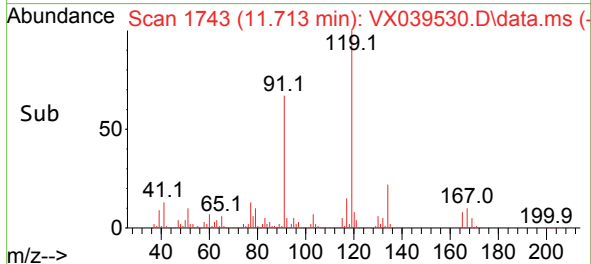
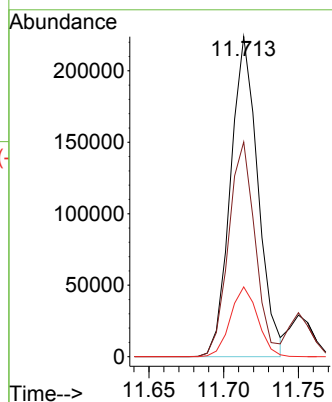
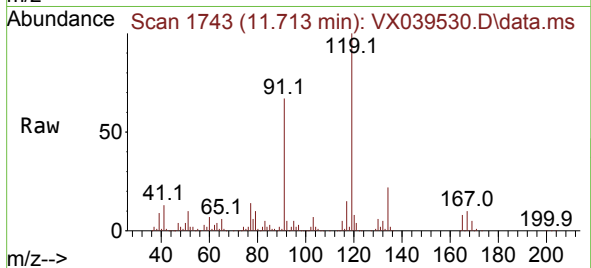
Tgt Ion:119 Resp: 286020

Ion Ratio Lower Upper

119 100

91 65.3 31.2 93.6

134 21.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 54.148 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039530.D

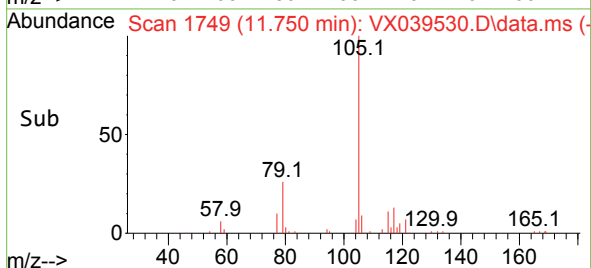
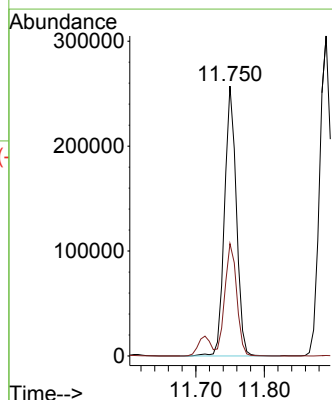
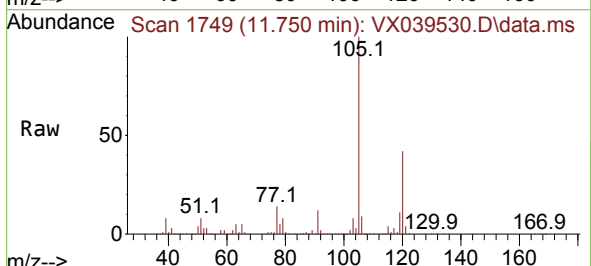
Acq: 29 Dec 2023 09:15

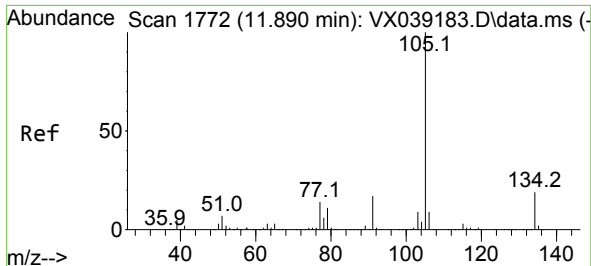
Tgt Ion:105 Resp: 306983

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6

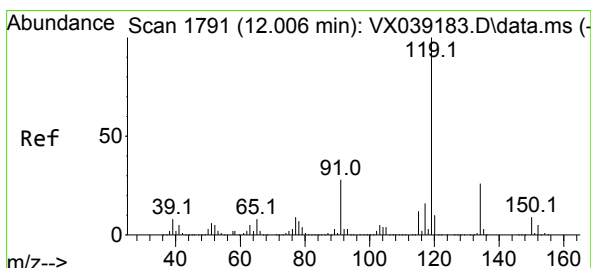
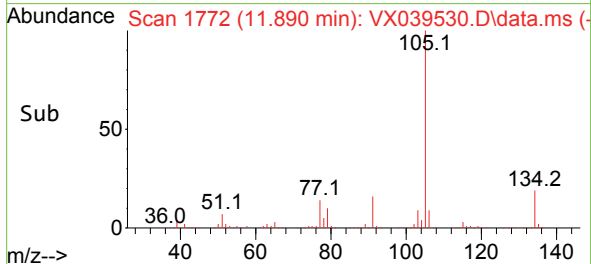
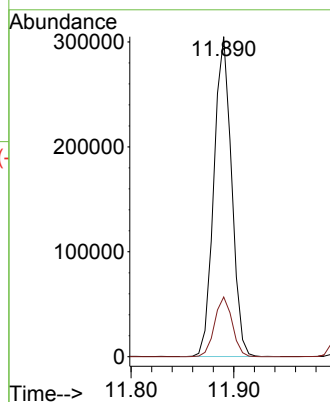
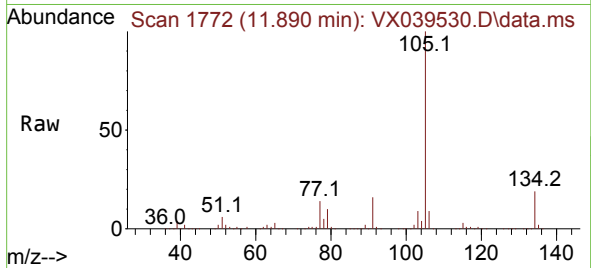




#85
 sec-Butylbenzene
 Concen: 54.439 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039530.D
 Acq: 29 Dec 2023 09:15

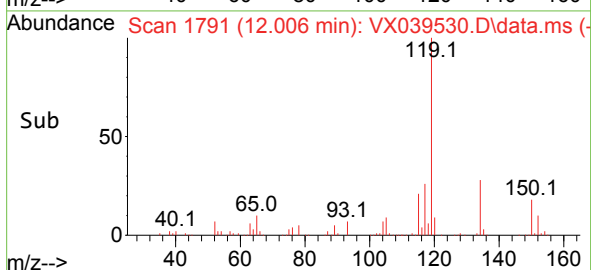
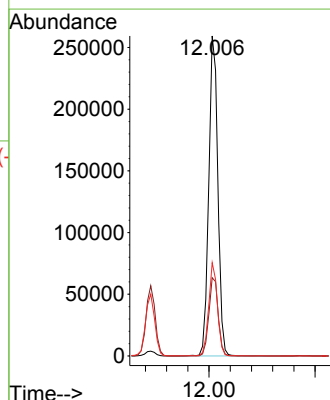
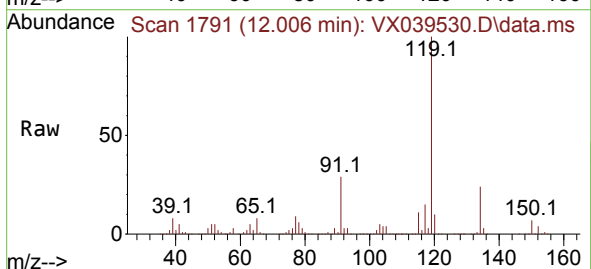
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

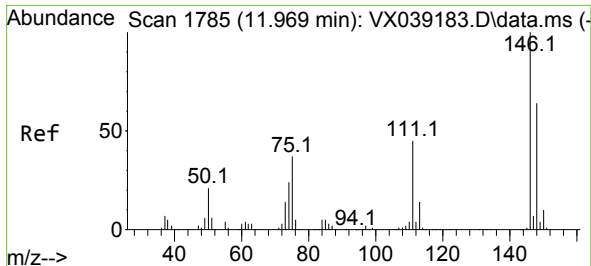
Tgt Ion:105 Resp: 364468
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 54.529 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039530.D
 Acq: 29 Dec 2023 09:15

Tgt Ion:119 Resp: 306379
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 28.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.175 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

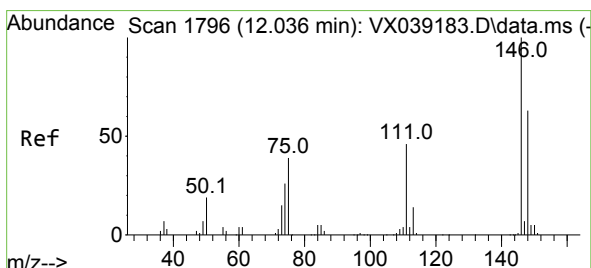
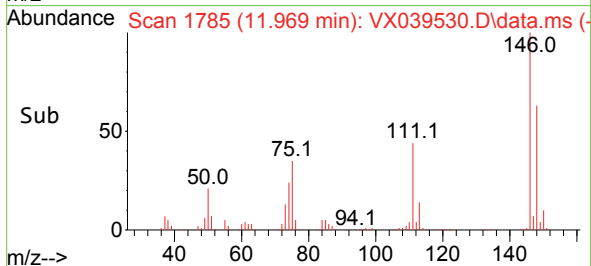
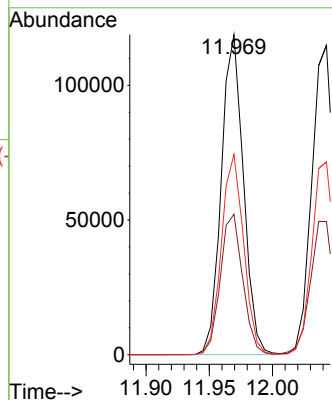
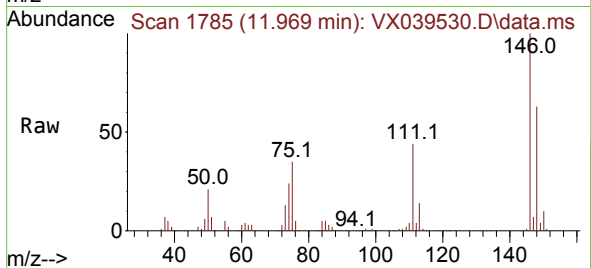
Tgt Ion:146 Resp: 144278

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

148 62.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.315 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

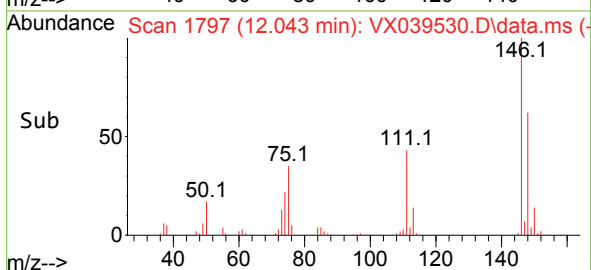
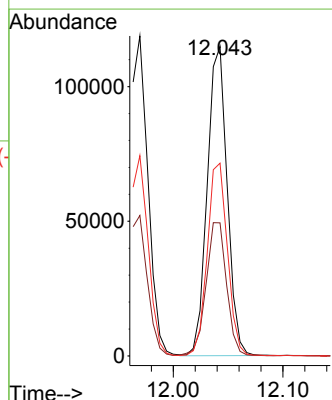
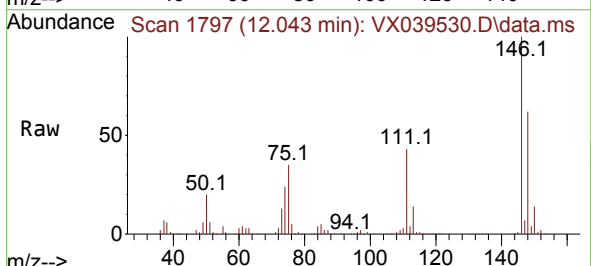
Tgt Ion:146 Resp: 144764

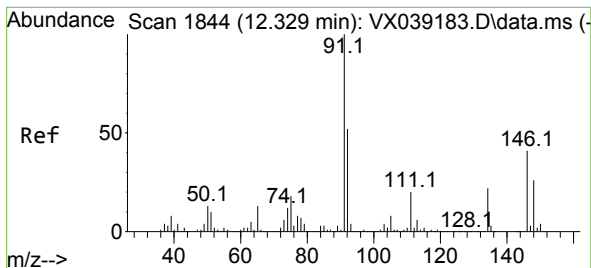
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.7

148 63.6 31.8 95.4

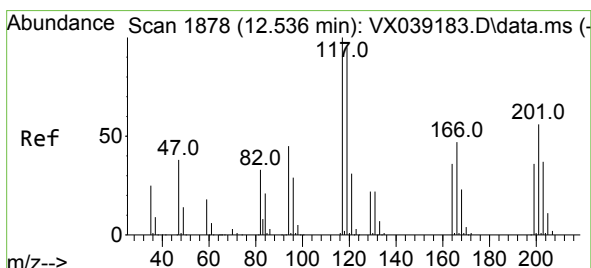
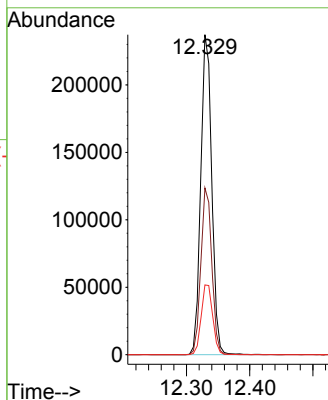
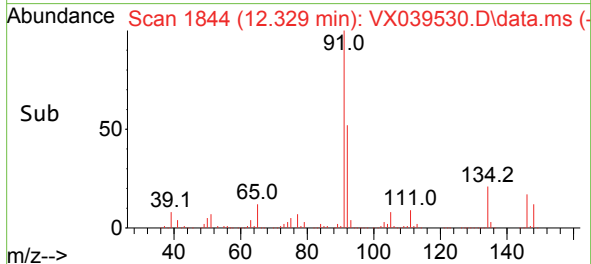
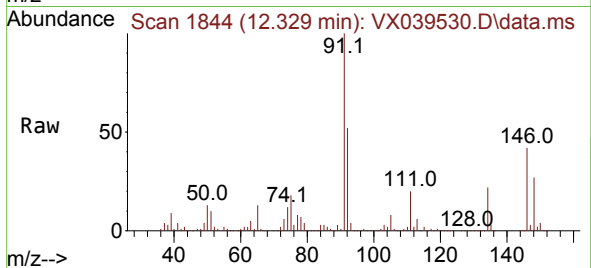




#89
n-Butylbenzene
Concen: 52.130 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

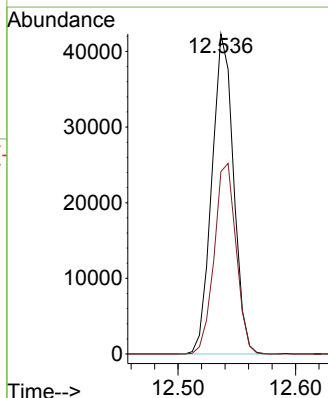
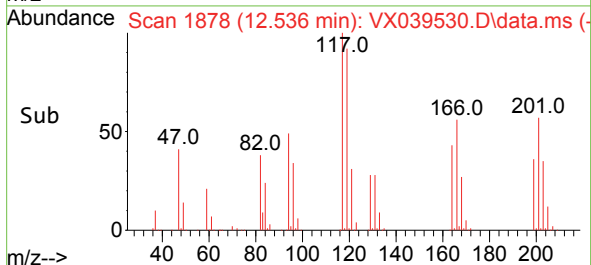
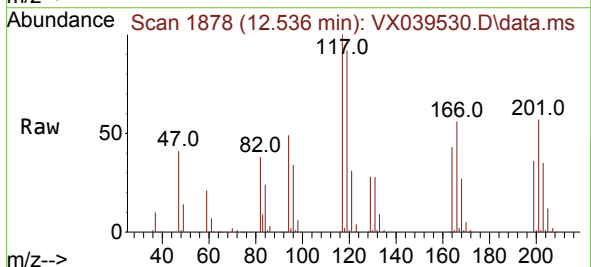
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

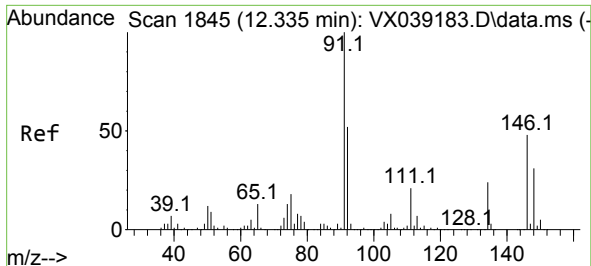
Tgt Ion: 91 Resp: 287934
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 22.8 12.6 37.8



#90
Hexachloroethane
Concen: 53.447 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 117 Resp: 54246
Ion Ratio Lower Upper
117 100
201 60.4 32.9 98.6

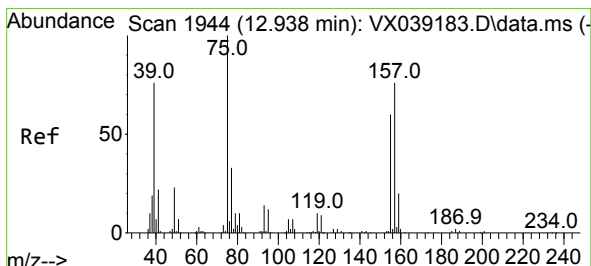
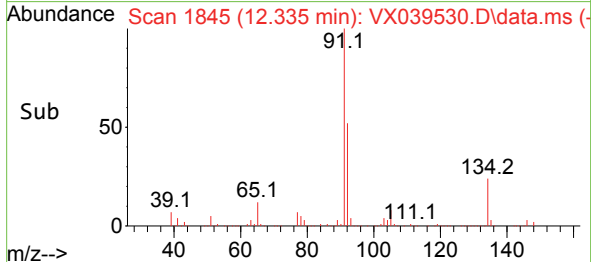
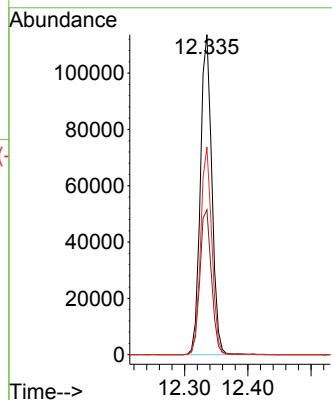
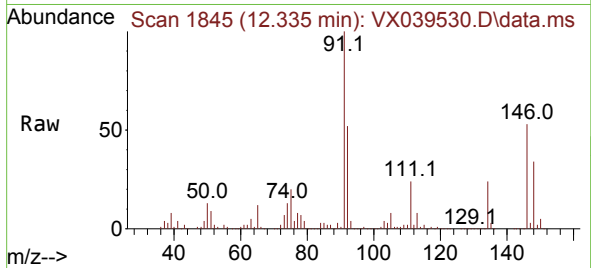




#91
1,2-Dichlorobenzene
Concen: 53.122 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

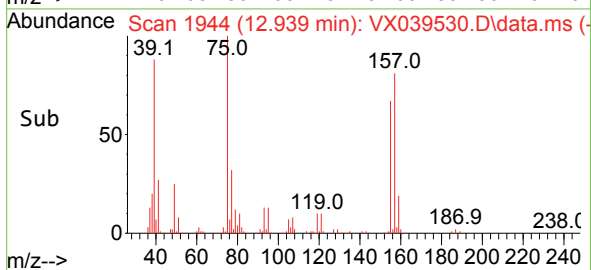
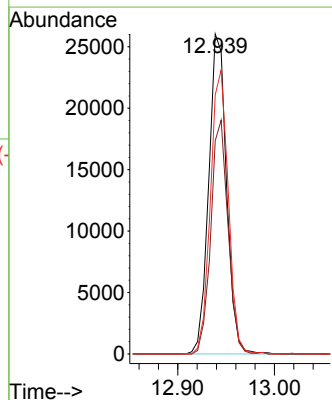
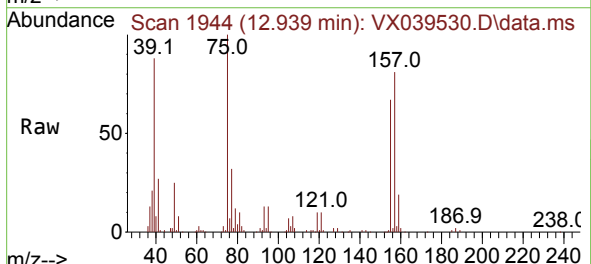
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

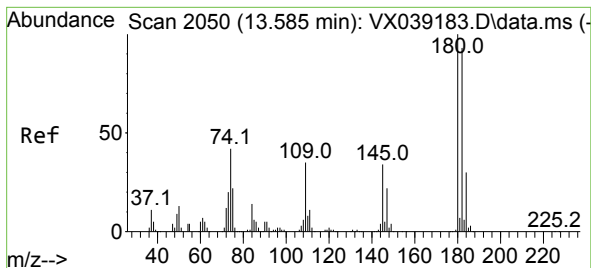
Tgt Ion:146 Resp: 143299
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 63.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.362 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039530.D
Acq: 29 Dec 2023 09:15

Tgt Ion: 75 Resp: 33295
Ion Ratio Lower Upper
75 100
155 70.5 36.1 108.5
157 88.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.558 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

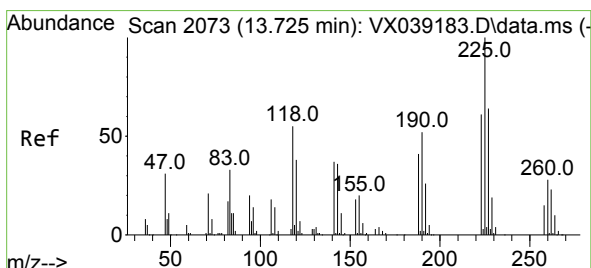
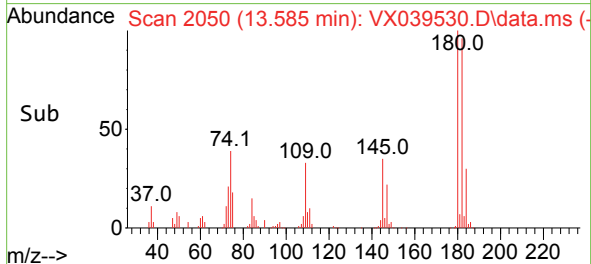
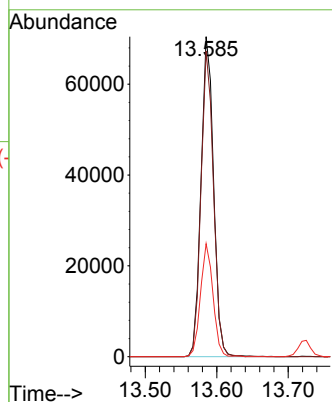
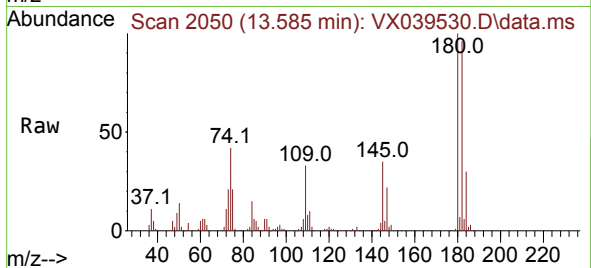
Tgt Ion:180 Resp: 85771

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.8

145 35.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 53.371 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

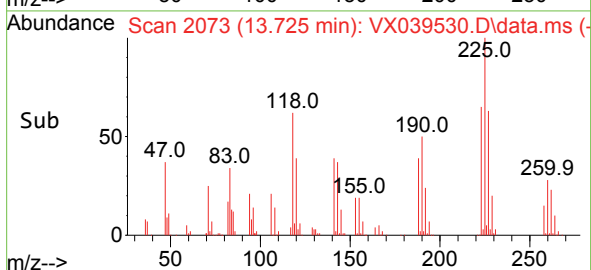
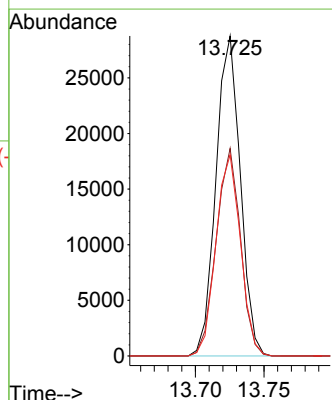
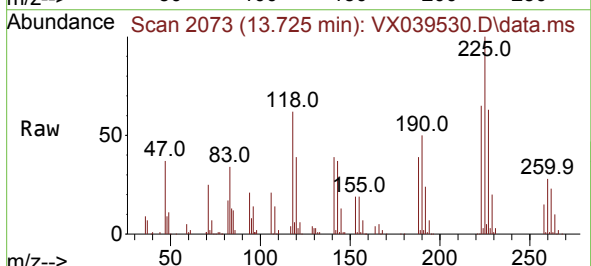
Tgt Ion:225 Resp: 35527

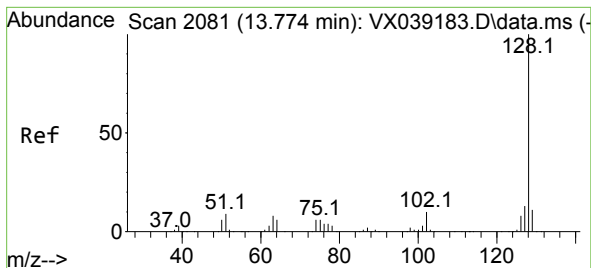
Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

227 63.4 32.5 97.5





#95

Naphthalene

Concen: 54.300 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

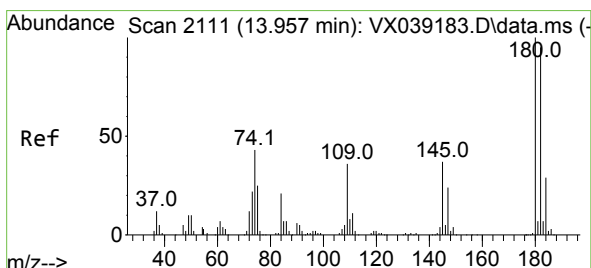
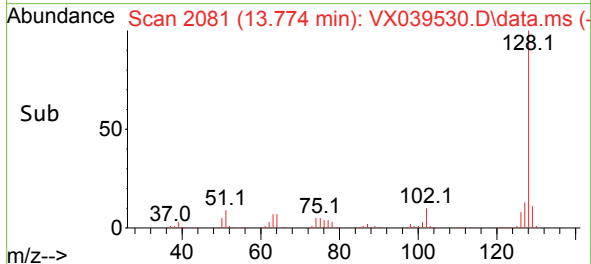
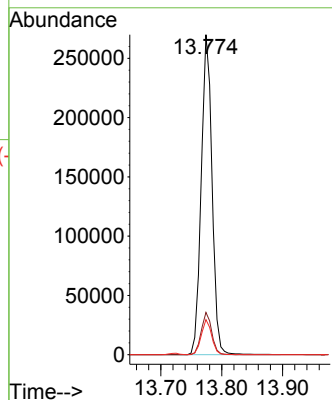
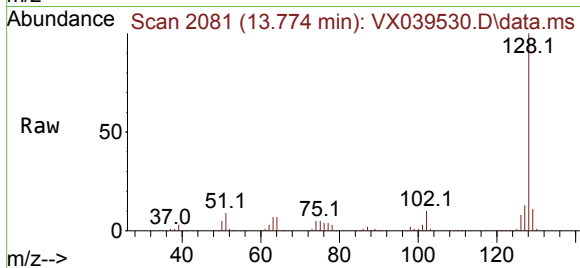
Tgt Ion:128 Resp: 334022

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.360 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039530.D

Acq: 29 Dec 2023 09:15

Tgt Ion:180 Resp: 87578

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.6

145 37.6 17.8 53.5

