

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039154.D
 Acq On : 12 Dec 2023 09:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 13 04:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	219105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121204	57.050	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.100%
35) Dibromofluoromethane	5.379	113	87430	50.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	8.647	98	315097	47.908	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	132054	50.156	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	95281	61.934	ug/l	99
3) Chloromethane	1.295	50	106063	52.821	ug/l	99
4) Vinyl Chloride	1.374	62	99002	51.185	ug/l	99
5) Bromomethane	1.599	94	66493	83.146	ug/l	100
6) Chloroethane	1.685	64	57274	51.887	ug/l	99
7) Trichlorofluoromethane	1.886	101	145839	59.419	ug/l	99
8) Diethyl Ether	2.130	74	50868	47.584	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	90490	55.593	ug/l	97
10) Methyl Iodide	2.453	142	89718	45.286	ug/l	94
11) Tert butyl alcohol	2.947	59	139579	236.216	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	87656	53.341	ug/l	94
13) Acrolein	2.233	56	96495	308.664	ug/l	99
14) Allyl chloride	2.660	41	177718	54.015	ug/l	98
15) Acrylonitrile	3.056	53	307378	246.185	ug/l	99
16) Acetone	2.374	43	347617	307.362	ug/l	94
17) Carbon Disulfide	2.508	76	258219	50.727	ug/l	99
18) Methyl Acetate	2.697	43	269109	50.095	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	317534	54.937	ug/l	98
20) Methylene Chloride	2.788	84	100992	49.536	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	95631	52.741	ug/l	99
22) Diisopropyl ether	3.751	45	329319	54.560	ug/l	97
23) Vinyl Acetate	3.715	43	1248486	287.202	ug/l	100
24) 1,1-Dichloroethane	3.605	63	183475	54.358	ug/l	99
25) 2-Butanone	4.544	43	470029	256.283	ug/l	98
26) 2,2-Dichloropropane	4.471	77	164350	56.134	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	109951	52.021	ug/l	98
28) Bromochloromethane	4.891	49	84098	51.894	ug/l	94
29) Tetrahydrofuran	4.989	42	291515	250.335	ug/l	100
30) Chloroform	5.087	83	182726	55.440	ug/l	98
31) Cyclohexane	5.465	56	167924	55.360	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	160361	56.173	ug/l	98
36) 1,1-Dichloropropene	5.690	75	140063	56.849	ug/l	99
37) Ethyl Acetate	4.702	43	167300	52.120	ug/l	99
38) Carbon Tetrachloride	5.672	117	134937	59.259	ug/l	96
39) Methylcyclohexane	7.379	83	172283	53.608	ug/l	99
40) Benzene	6.032	78	392983	53.929	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	90436	54.322	ug/l	95
42) 1,2-Dichloroethane	6.080	62	158808	65.777	ug/l	99
43) Isopropyl Acetate	6.330	43	278555	54.300	ug/l	100
44) Trichloroethene	7.123	130	98083	55.297	ug/l	95
45) 1,2-Dichloropropane	7.428	63	108840	55.502	ug/l	97
46) Dibromomethane	7.574	93	74234	56.764	ug/l	96
47) Bromodichloromethane	7.818	83	147293	56.748	ug/l	97
48) Methyl methacrylate	7.690	41	165596	66.531	ug/l	95
49) 1,4-Dioxane	7.653	88	43131	895.712	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	869107	265.108	ug/l	99
52) Toluene	8.714	92	242097	53.537	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	166210	53.885	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	175172	54.979	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	100085	53.044	ug/l	91
56) Ethyl methacrylate	9.116	69	128780	40.339	ug/l	98
57) 1,3-Dichloropropane	9.305	76	172459	55.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	338147	227.374	ug/l	94
59) 2-Hexanone	9.427	43	702093	267.193	ug/l	99
60) Dibromochloromethane	9.519	129	104466	54.451	ug/l	100
61) 1,2-Dibromoethane	9.604	107	106016	53.545	ug/l	99
64) Tetrachloroethene	9.269	164	74420	54.644	ug/l	93
65) Chlorobenzene	10.080	112	255095	54.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	93268	54.935	ug/l	99
67) Ethyl Benzene	10.189	91	482391	55.630	ug/l	97
68) m/p-Xylenes	10.299	106	342716	104.480	ug/l	93
69) o-Xylene	10.640	106	168330	51.862	ug/l	95
70) Styrene	10.653	104	248677	45.366	ug/l	96
71) Bromoform	10.799	173	72211	51.020	ug/l #	99
73) Isopropylbenzene	10.957	105	454216	53.636	ug/l	99
74) N-amyl acetate	10.842	43	233632	52.189	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	165330	50.012	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	197505	72.831	ug/l	89
77) Bromobenzene	11.195	156	99542	52.312	ug/l	89
78) n-propylbenzene	11.305	91	564610	54.165	ug/l	97
79) 2-Chlorotoluene	11.360	91	331018	53.509	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	394717	55.434	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	55421	45.331	ug/l	91
82) 4-Chlorotoluene	11.451	91	392160	54.978	ug/l	97
83) tert-Butylbenzene	11.713	119	372150	53.068	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	398864	55.343	ug/l	99
85) sec-Butylbenzene	11.890	105	470117	51.250	ug/l	98
86) p-Isopropyltoluene	12.006	119	400313	54.364	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	193806	52.011	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	194187	50.917	ug/l	98
89) n-Butylbenzene	12.329	91	406256	54.682	ug/l	96
90) Hexachloroethane	12.536	117	74810	50.874	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	183208	51.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44848	55.372	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	124955	52.760	ug/l	99
94) Hexachlorobutadiene	13.725	225	48415	57.726	ug/l	98
95) Naphthalene	13.774	128	441670	50.072	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	120623	53.727	ug/l	99

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QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

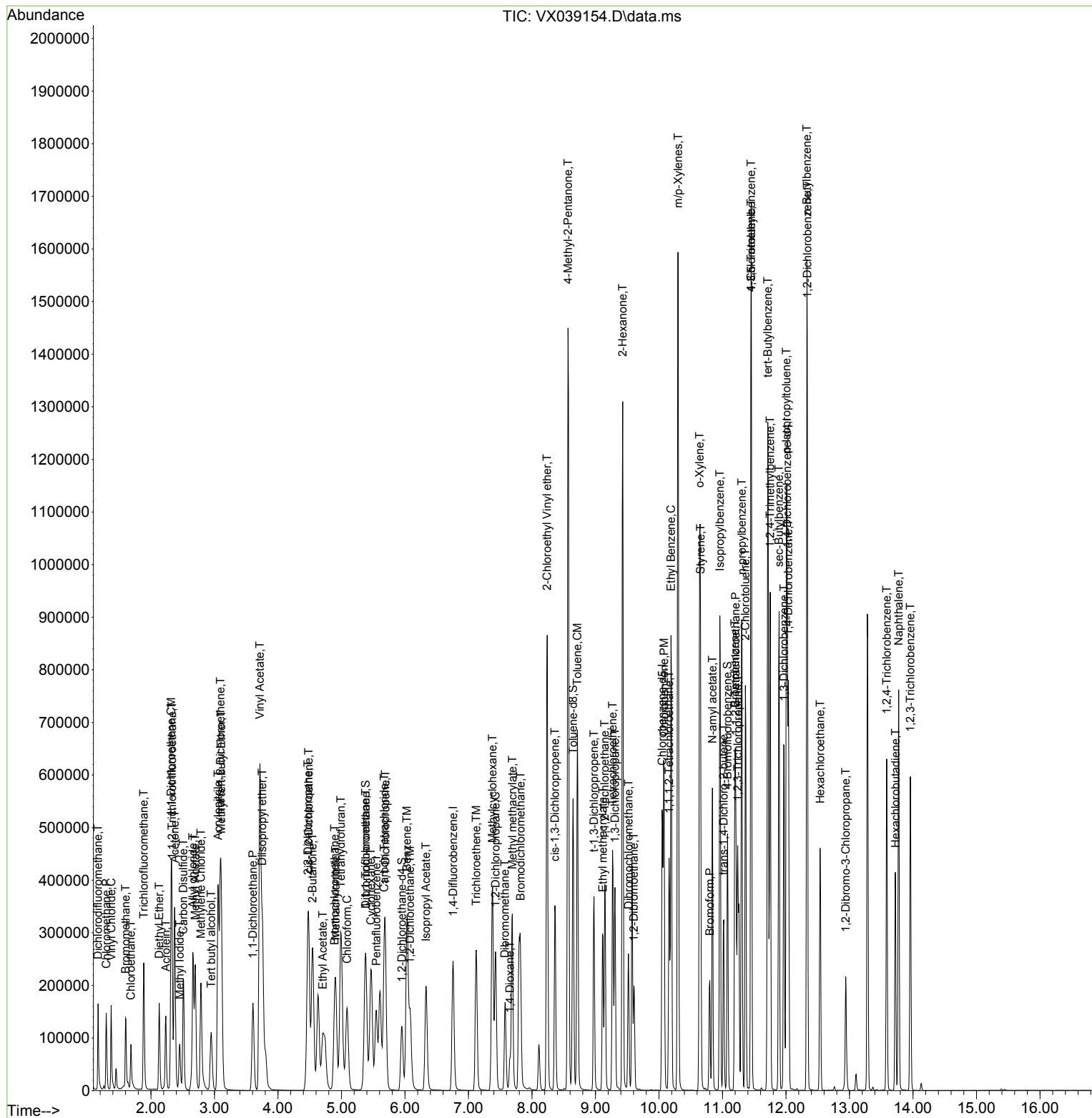
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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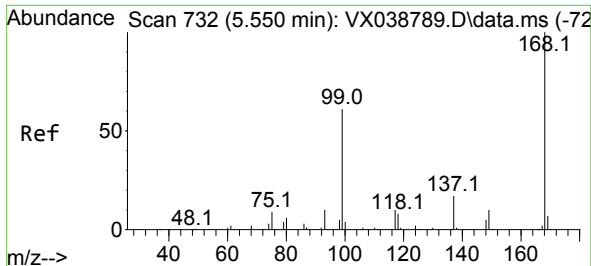
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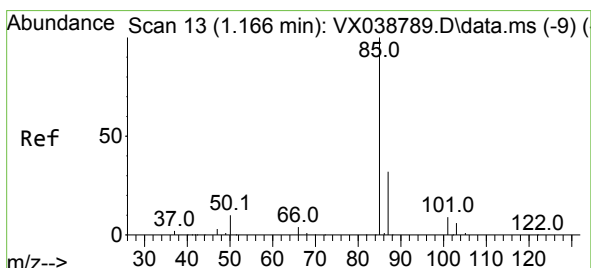
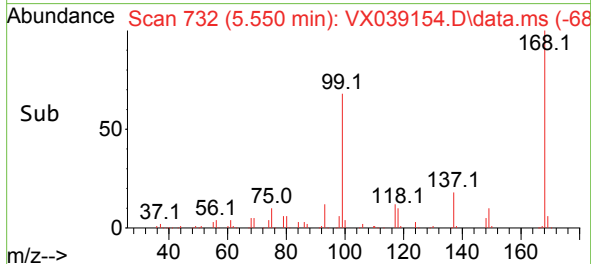
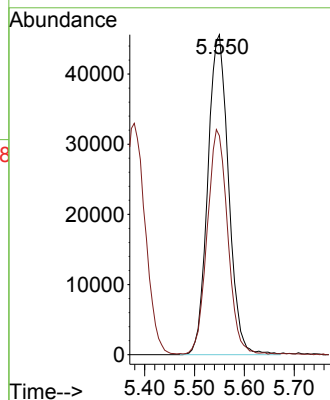
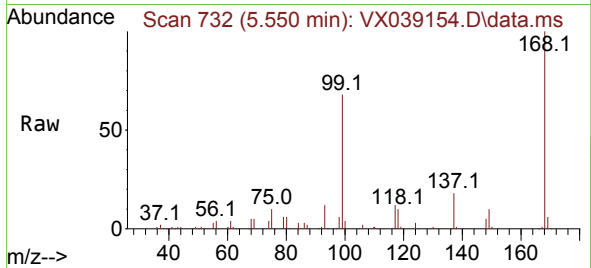




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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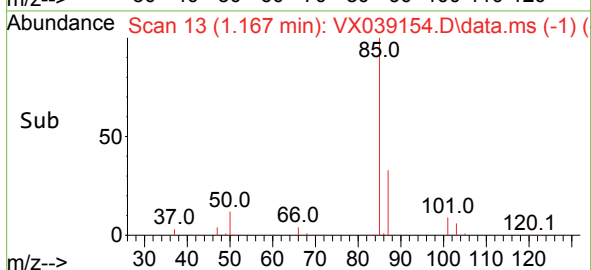
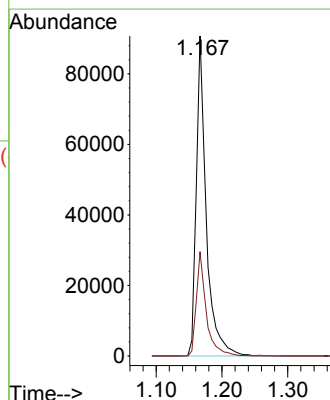
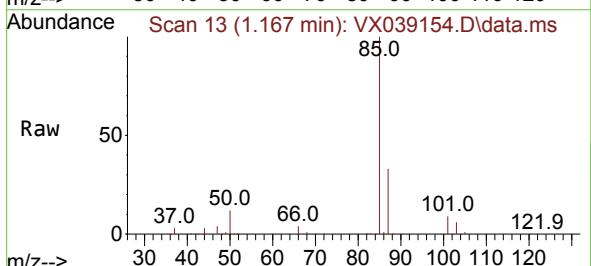
Instrument :
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ClientSampleId :
VSTDCCC050

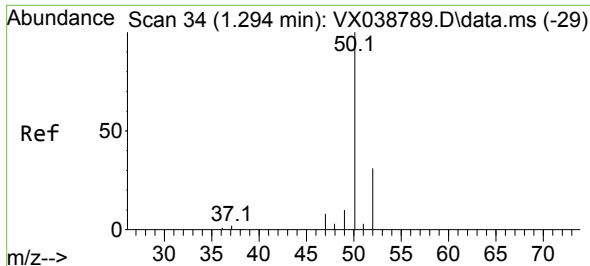
Tgt Ion:168 Resp: 131848
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 61.934 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 85 Resp: 95281
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

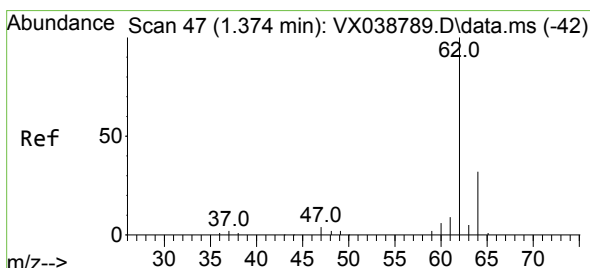
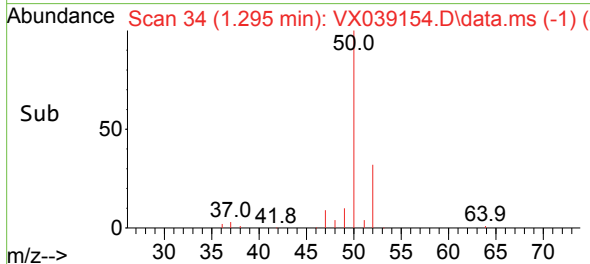
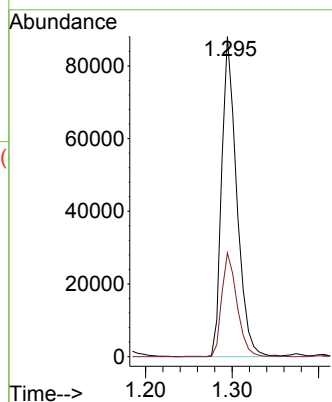
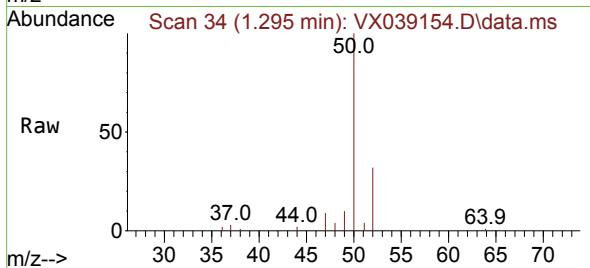




#3
Chloromethane
Concen: 52.821 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

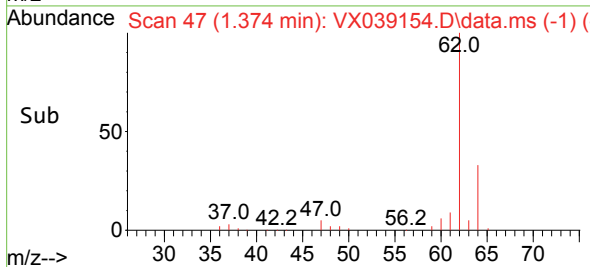
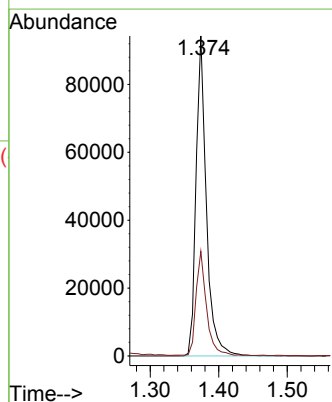
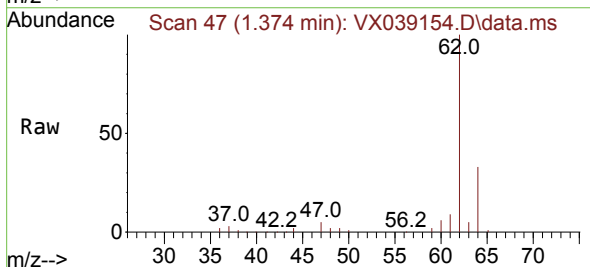
Instrument :
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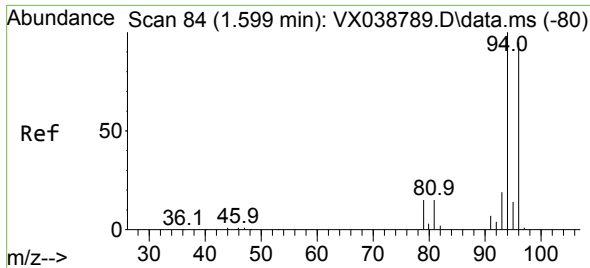
Tgt Ion: 50 Resp: 106063
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 51.185 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 62 Resp: 99002
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

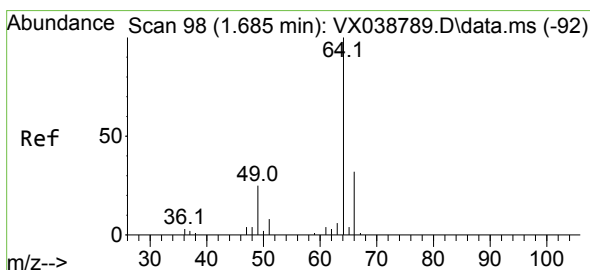
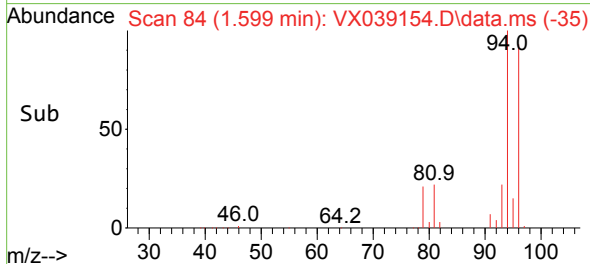
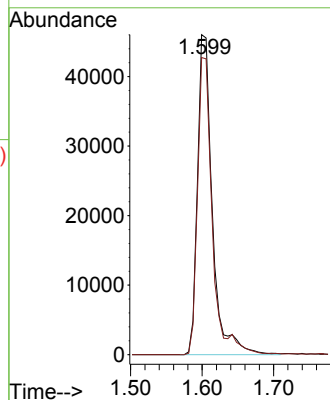
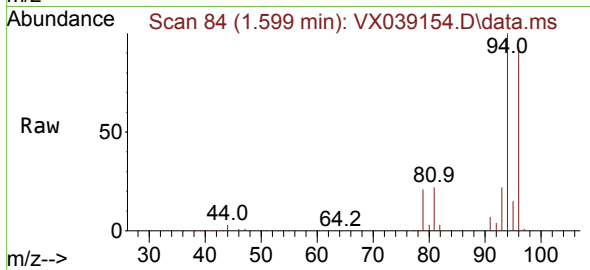




#5
Bromomethane
Concen: 83.146 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039154.D
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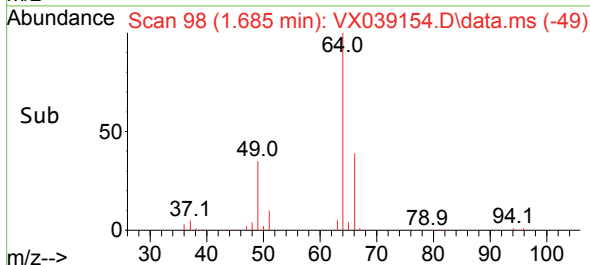
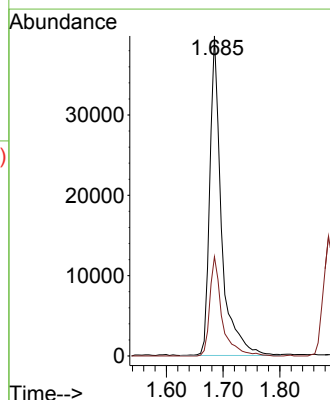
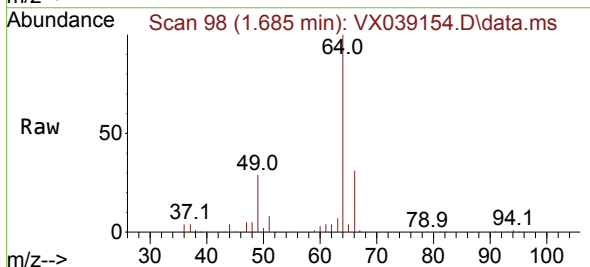
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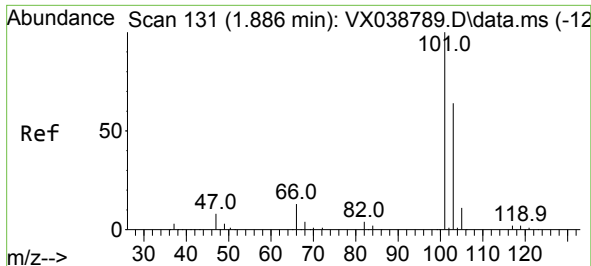
Tgt Ion: 94 Resp: 66493
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8



#6
Chloroethane
Concen: 51.887 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 64 Resp: 57274
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7

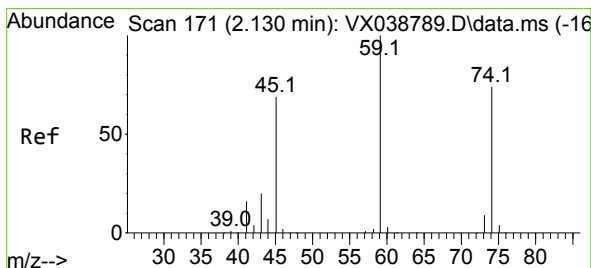
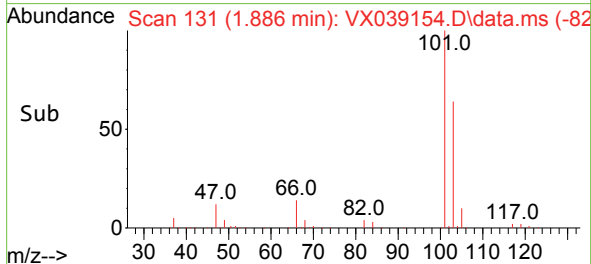
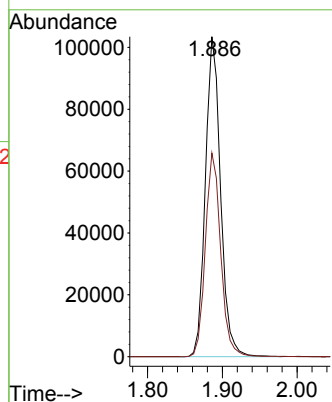
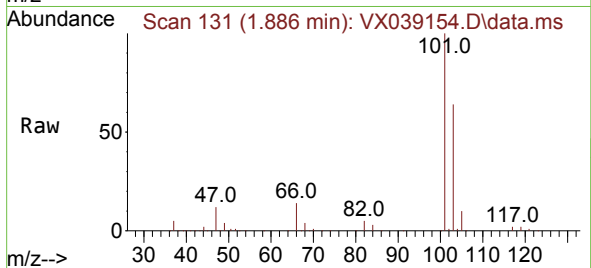




#7
 Trichlorofluoromethane
 Concen: 59.419 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

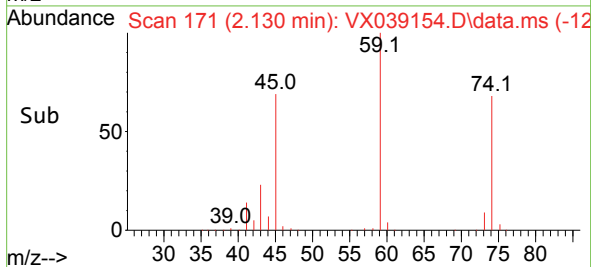
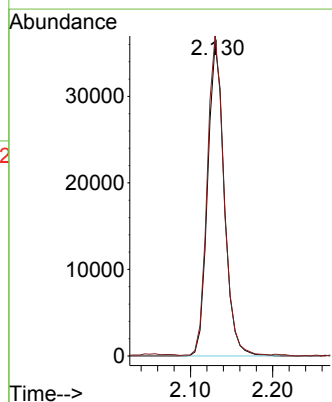
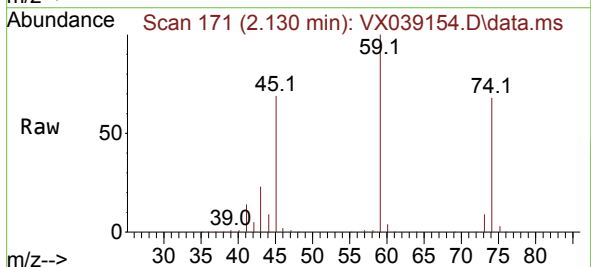
Instrument :
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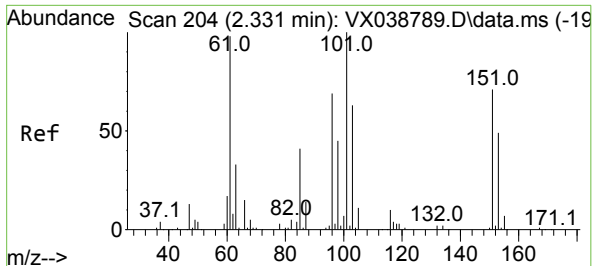
Tgt Ion:101 Resp: 145839
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 47.584 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039154.D
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Tgt Ion: 74 Resp: 50868
 Ion Ratio Lower Upper
 74 100
 45 102.6 53.3 159.8

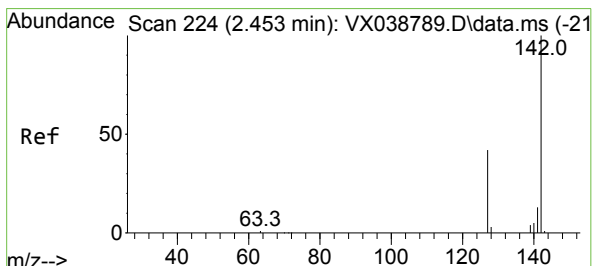
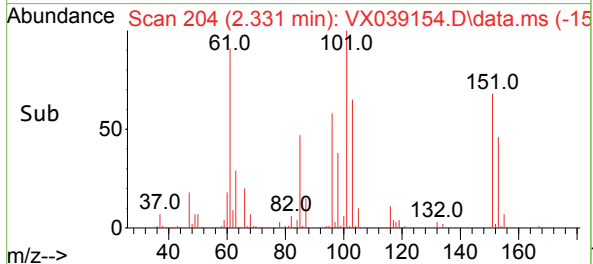
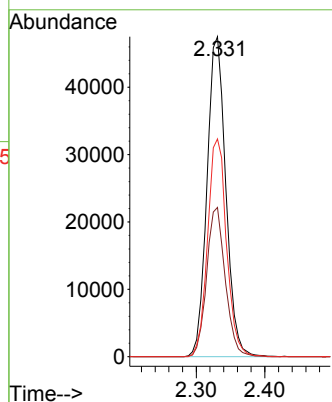
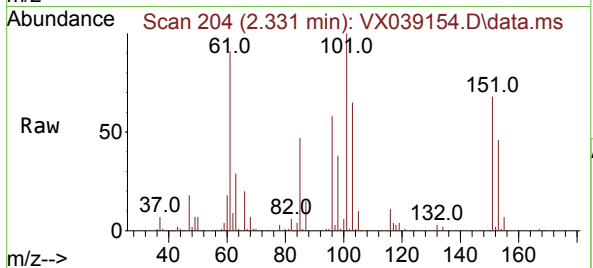




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.593 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

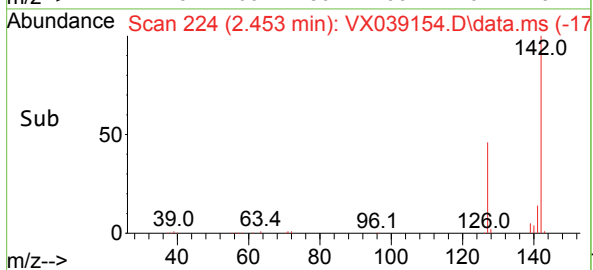
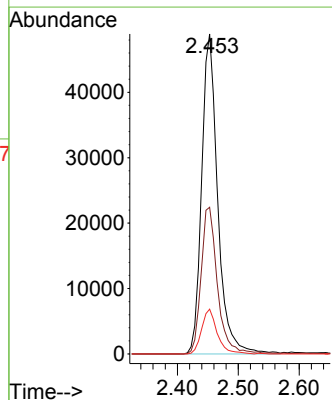
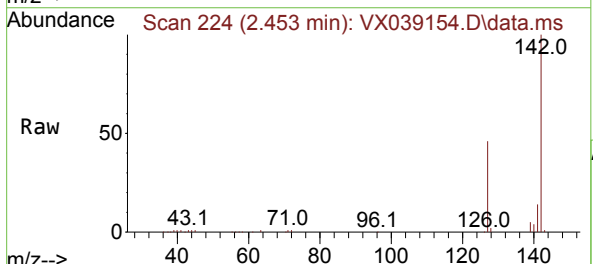
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

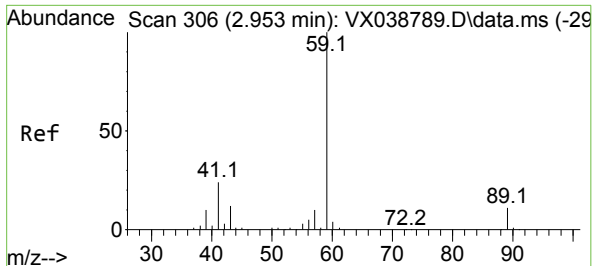
Tgt Ion:101 Resp: 90490
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 68.7 58.6 87.8



#10
Methyl Iodide
Concen: 45.286 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:142 Resp: 89718
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 236.216 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

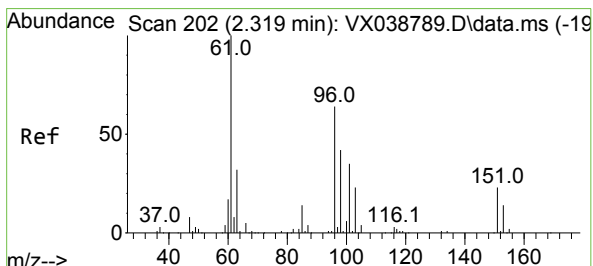
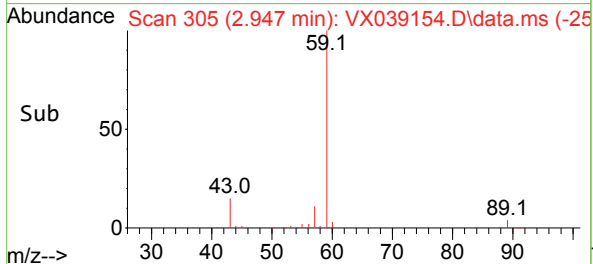
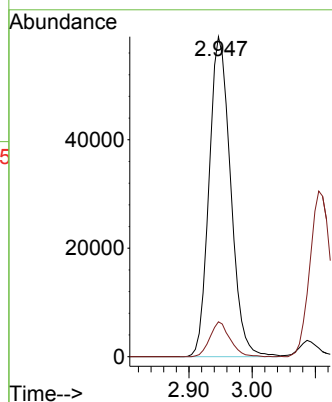
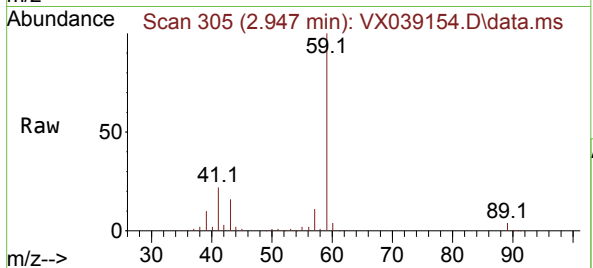
VSTDCCC050

Tgt Ion: 59 Resp: 139579

Ion Ratio Lower Upper

59 100

57 10.2 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 53.341 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

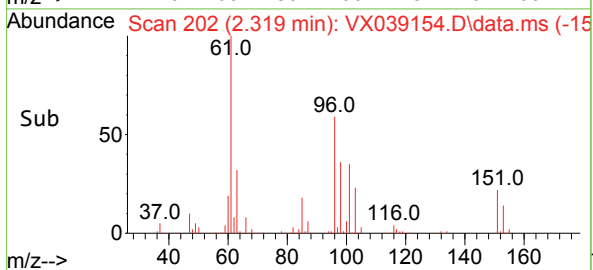
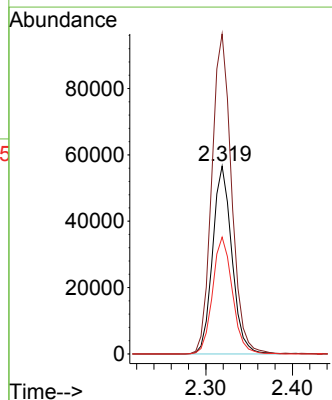
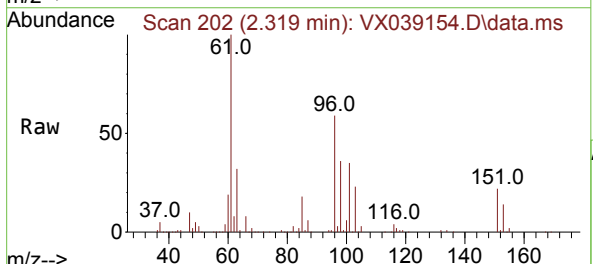
Tgt Ion: 96 Resp: 87656

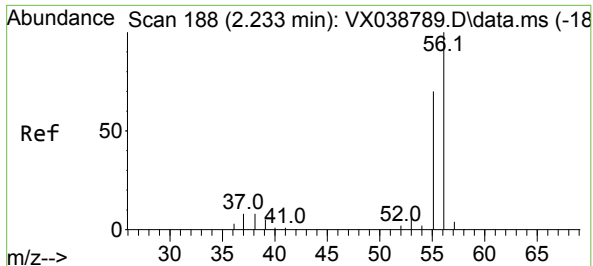
Ion Ratio Lower Upper

96 100

61 170.4 144.6 216.8

98 62.1 50.4 75.6

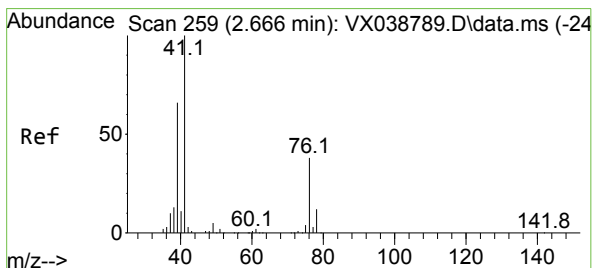
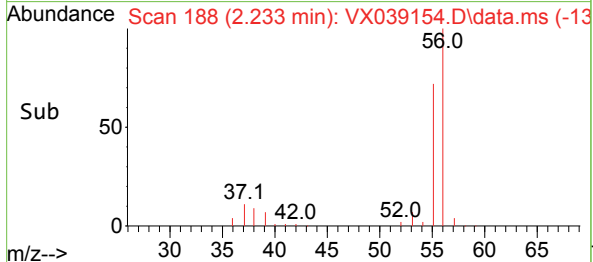
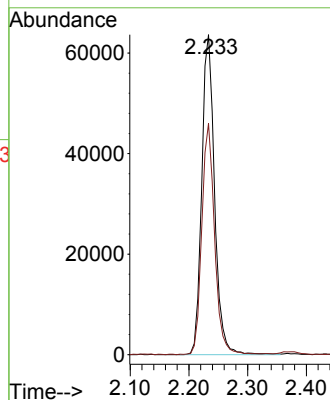
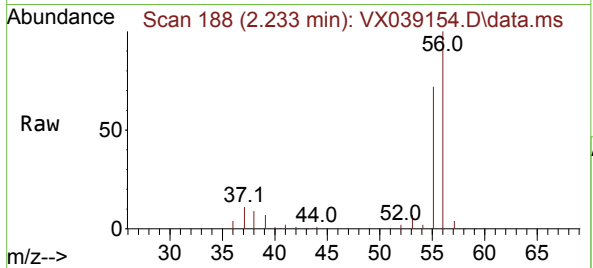




#13
Acrolein
Concen: 308.664 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

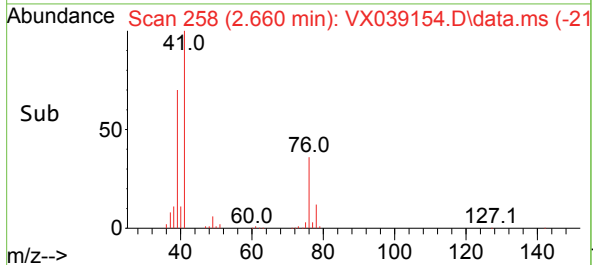
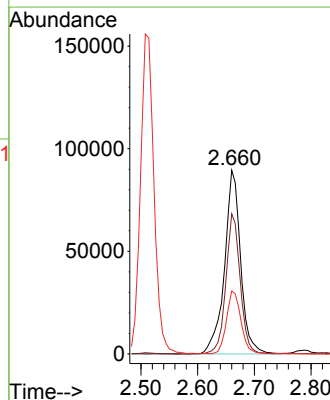
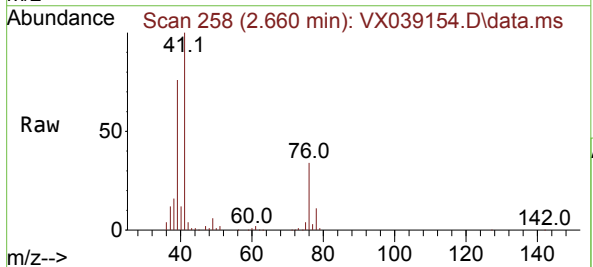
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 96495
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7



#14
Allyl chloride
Concen: 54.015 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 41 Resp: 177718
Ion Ratio Lower Upper
41 100
39 67.7 55.8 83.6
76 30.4 24.3 36.5

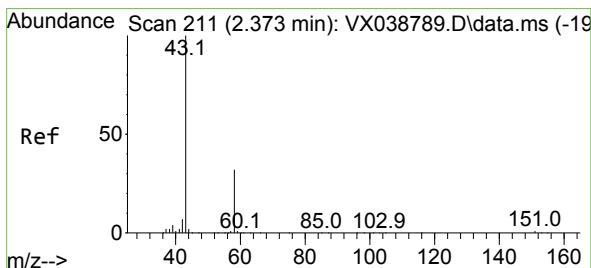
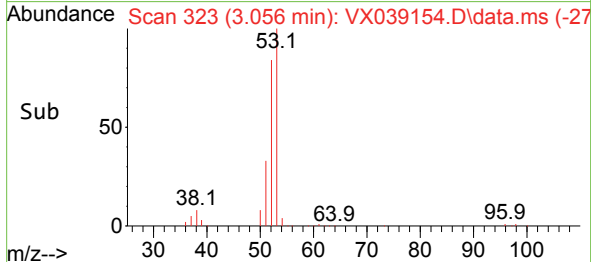
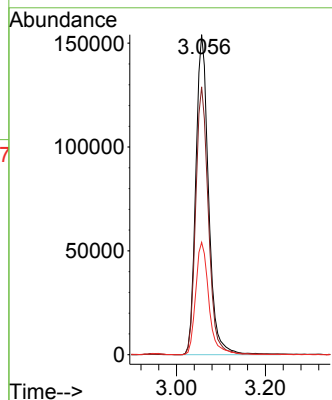
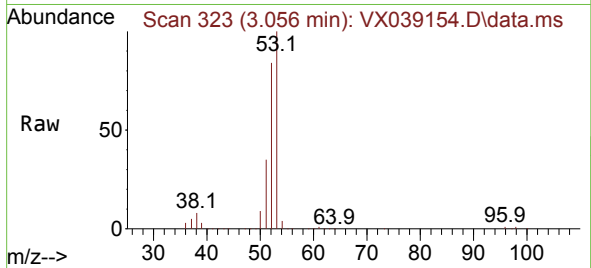




#15
Acrylonitrile
Concen: 246.185 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

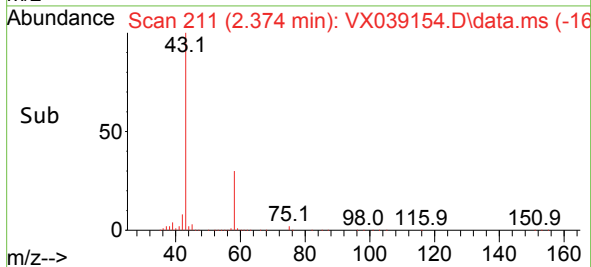
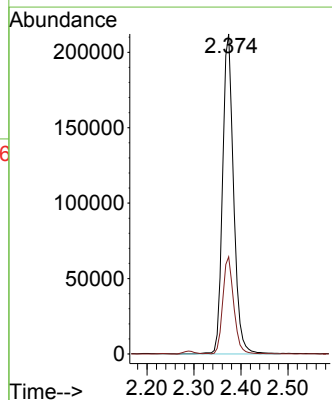
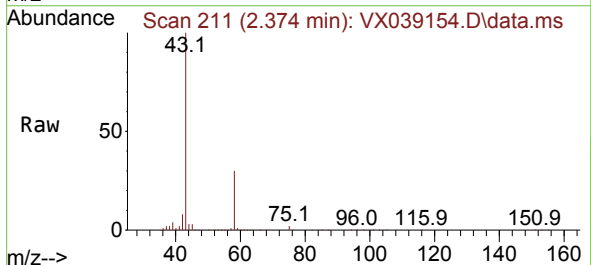
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

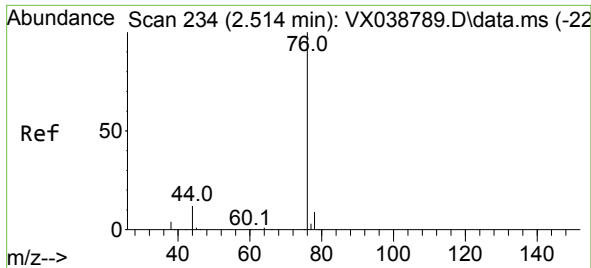
Tgt Ion: 53 Resp: 307378
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.4 29.8 44.6



#16
Acetone
Concen: 307.362 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 43 Resp: 347617
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#17

Carbon Disulfide

Concen: 50.727 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

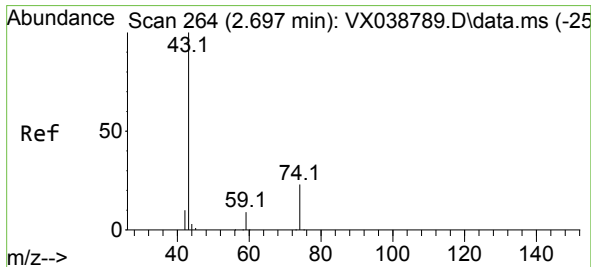
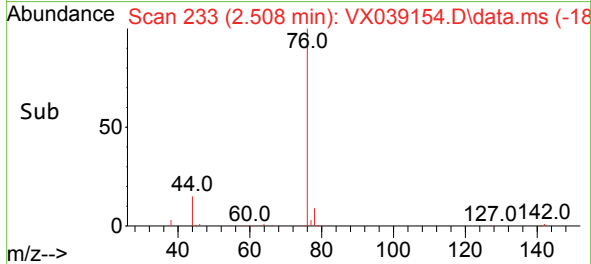
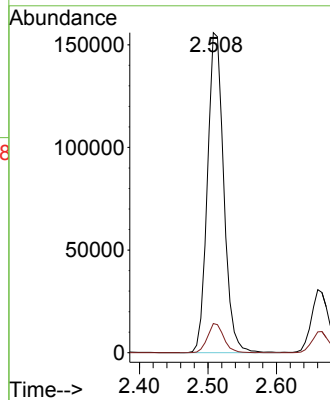
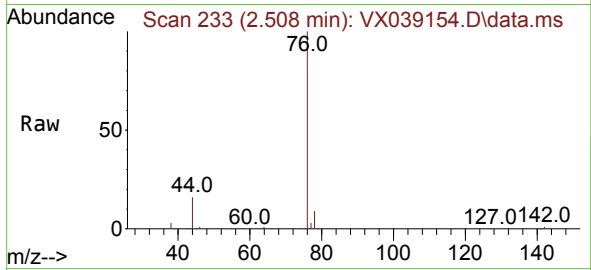
VSTDCCC050

Tgt Ion: 76 Resp: 258219

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 50.095 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX039154.D

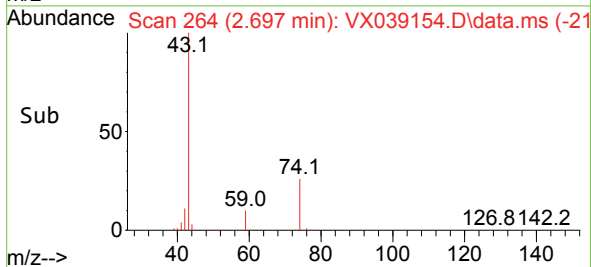
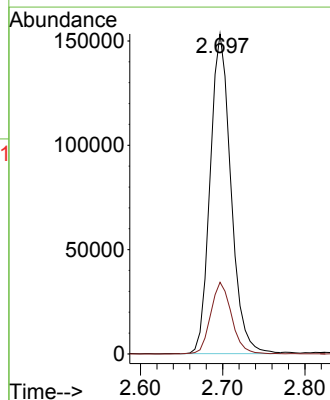
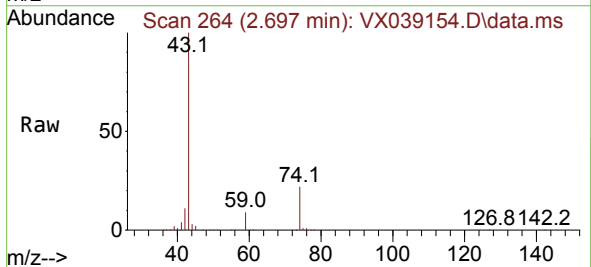
Acq: 12 Dec 2023 09:17

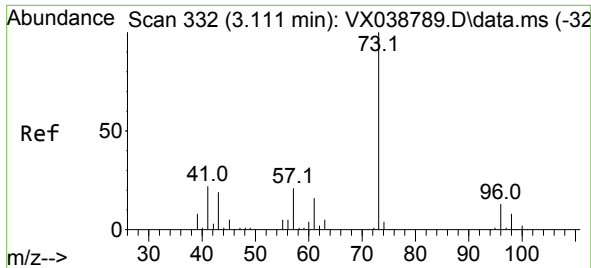
Tgt Ion: 43 Resp: 269109

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8

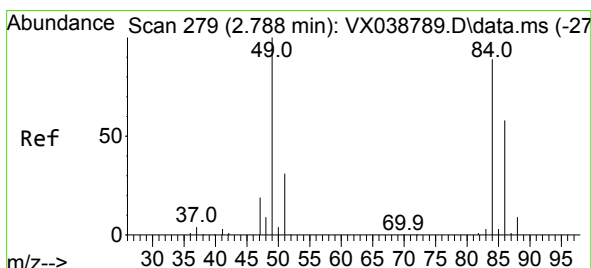
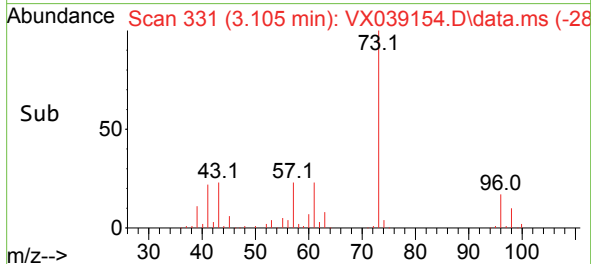
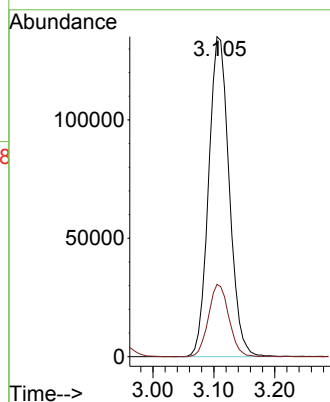
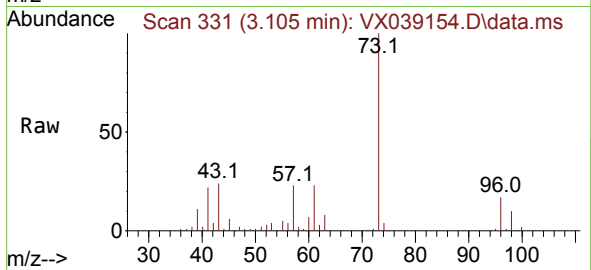




#19
Methyl tert-butyl Ether
Concen: 54.937 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

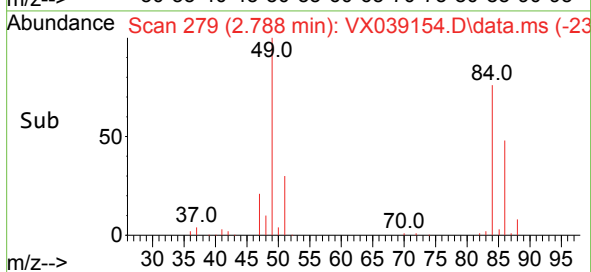
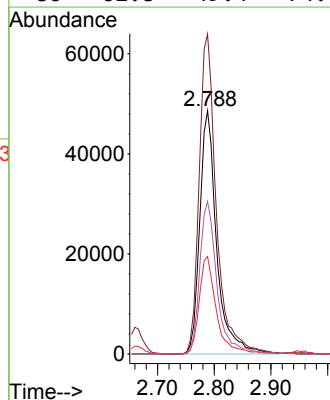
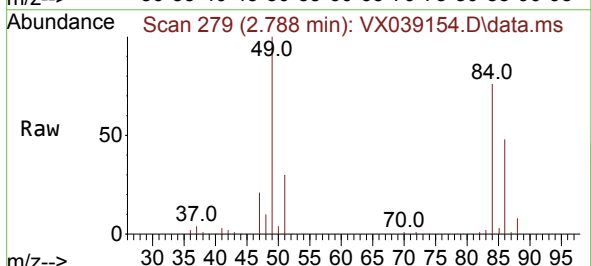
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

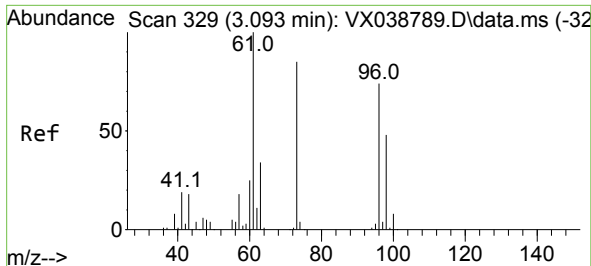
Tgt Ion: 73 Resp: 317534
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 49.536 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 84 Resp: 100992
Ion Ratio Lower Upper
84 100
49 131.6 103.6 155.4
51 40.1 33.8 50.6
86 62.8 49.4 74.0

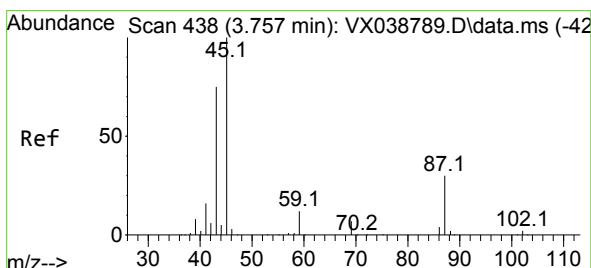
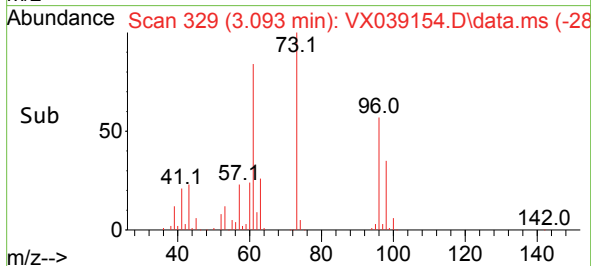
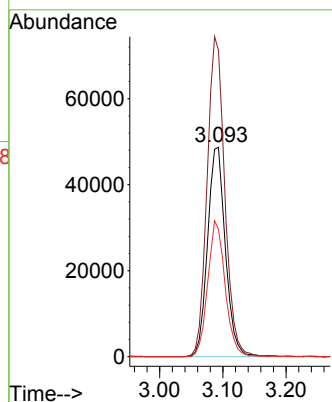
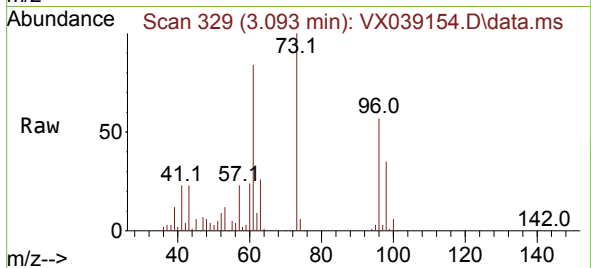




#21
trans-1,2-Dichloroethene
Concen: 52.741 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

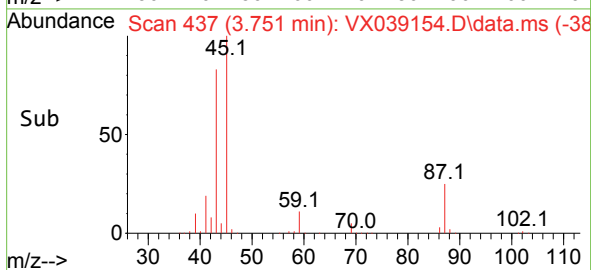
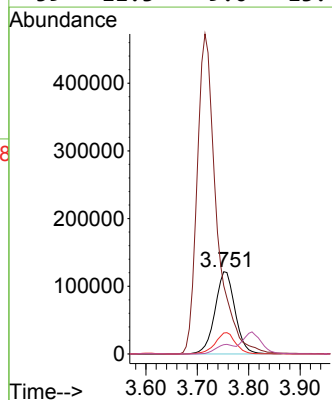
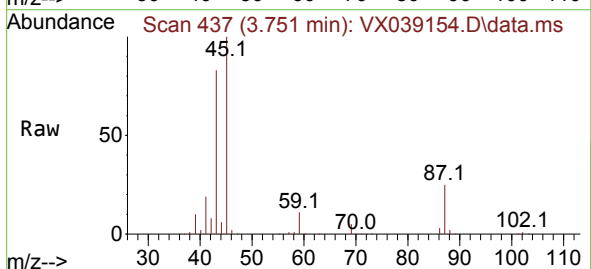
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

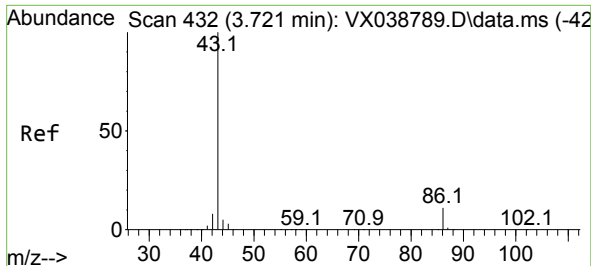
Tgt Ion: 96 Resp: 95631
Ion Ratio Lower Upper
96 100
61 146.4 119.2 178.8
98 60.8 48.7 73.1



#22
Diisopropyl ether
Concen: 54.560 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 45 Resp: 329319
Ion Ratio Lower Upper
45 100
43 82.8 69.7 104.5
87 25.5 20.8 31.2
59 11.3 9.0 13.4

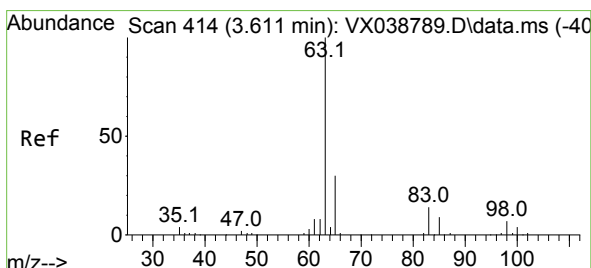
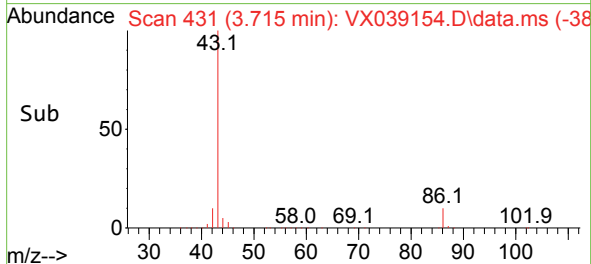
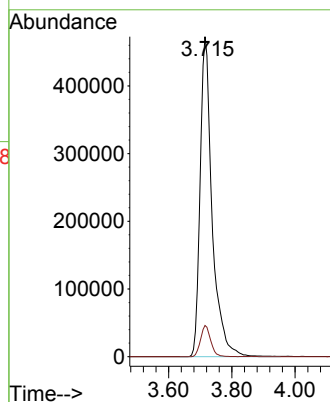
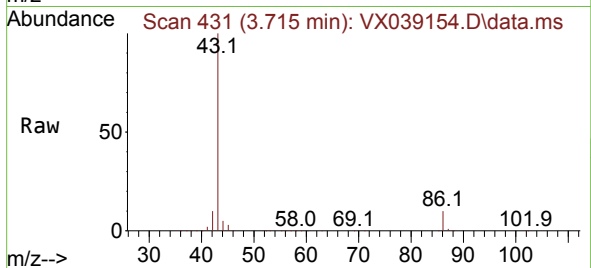




#23
 Vinyl Acetate
 Concen: 287.202 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

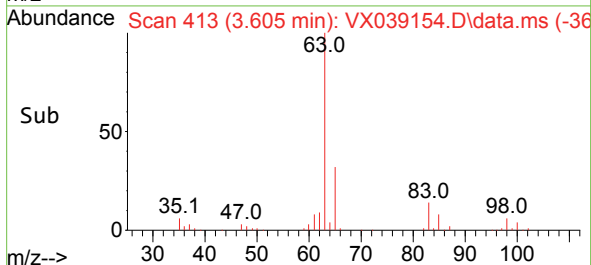
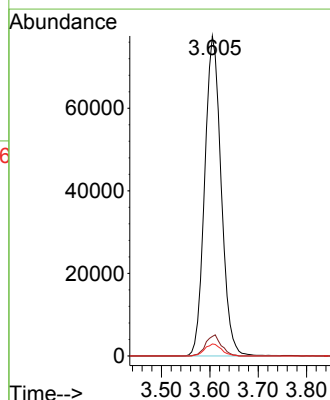
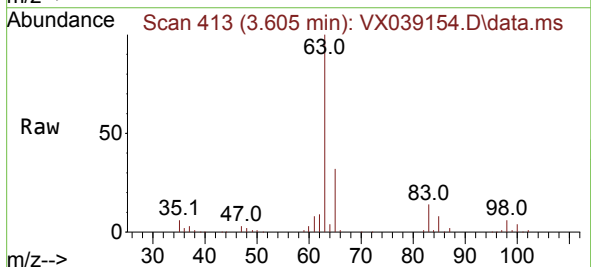
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

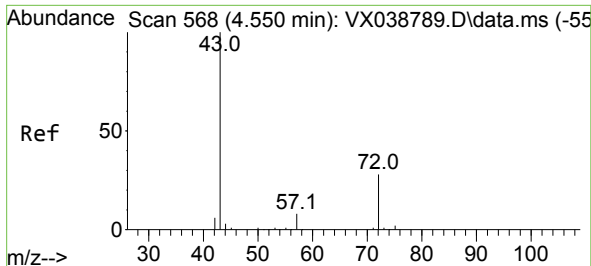
Tgt Ion: 43 Resp: 1248486
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.358 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Tgt Ion: 63 Resp: 183475
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.7 2.1 6.5

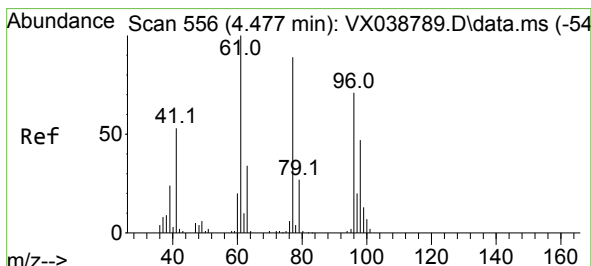
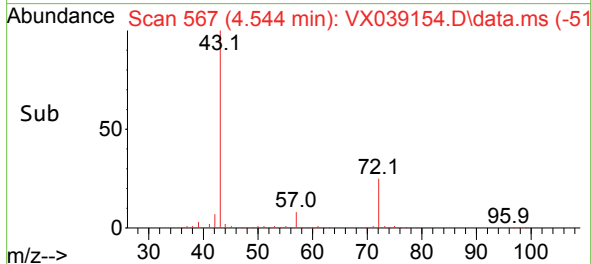
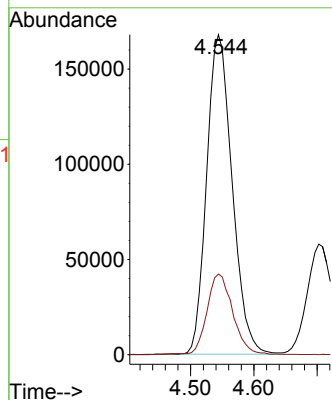
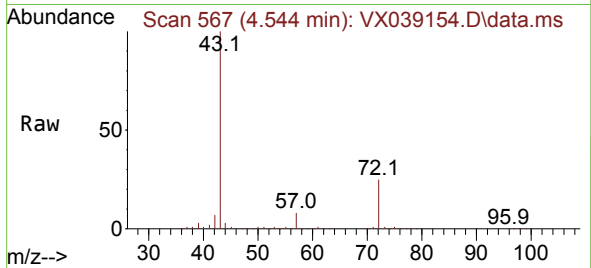




#25
2-Butanone
Concen: 256.283 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

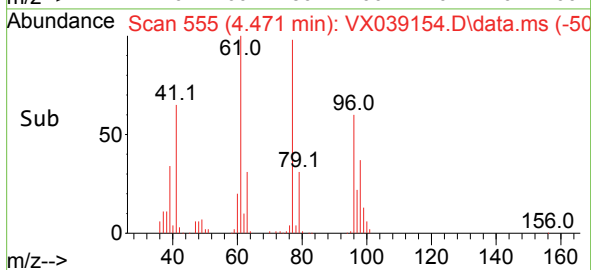
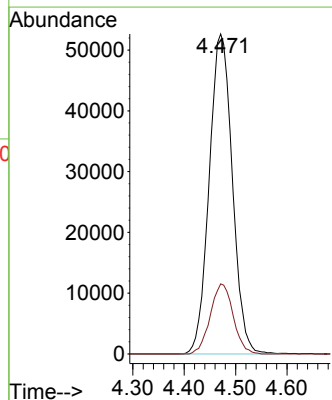
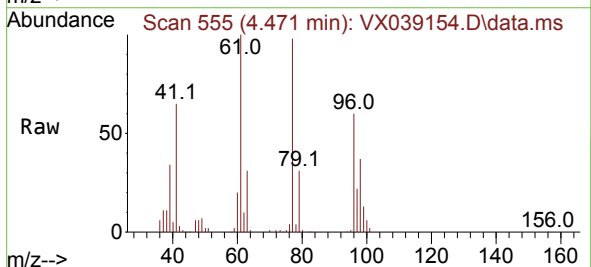
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 470029
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 56.134 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 77 Resp: 164350
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.021 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

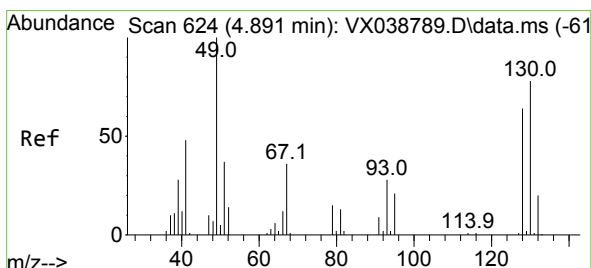
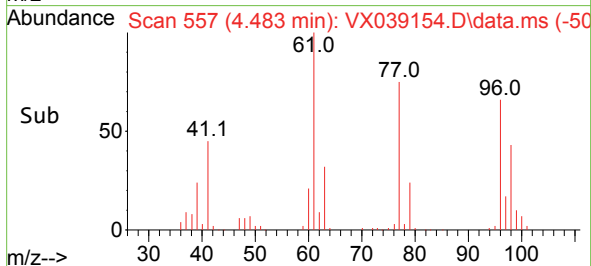
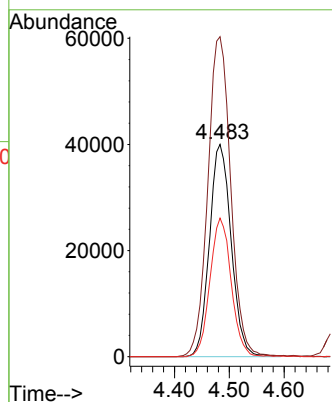
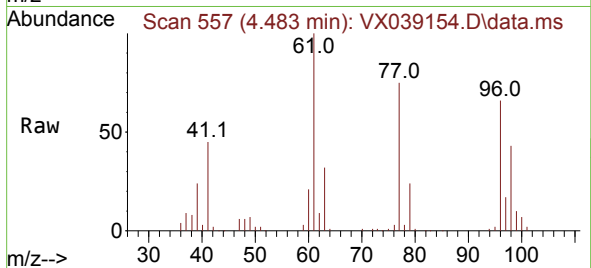
Tgt Ion: 96 Resp: 109951

Ion Ratio Lower Upper

96 100

61 159.1 0.0 312.2

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 51.894 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

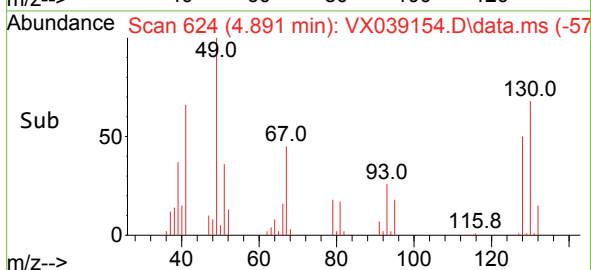
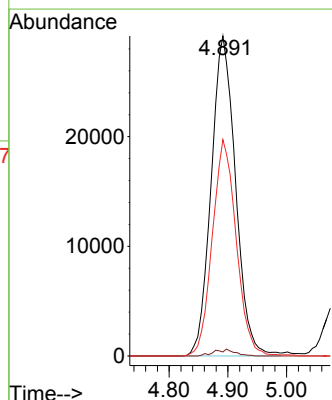
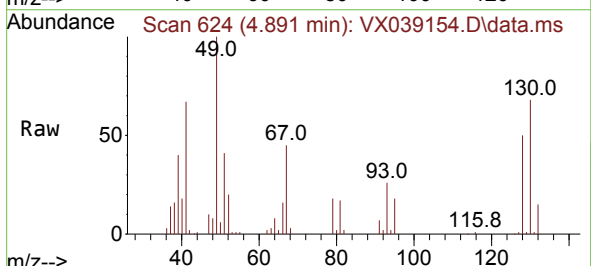
Tgt Ion: 49 Resp: 84098

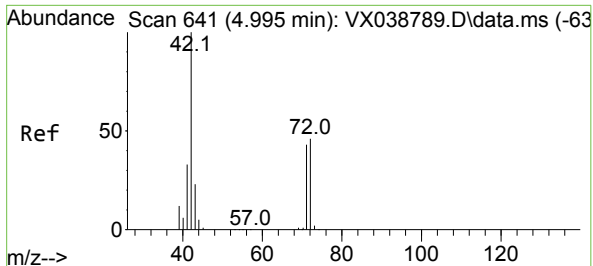
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

130 66.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 250.335 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

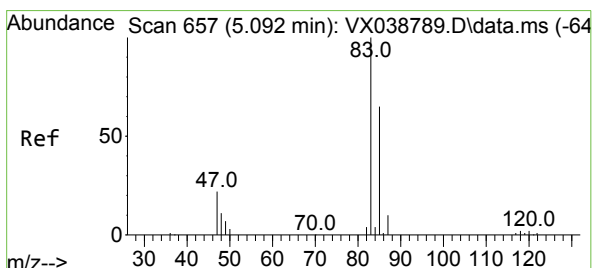
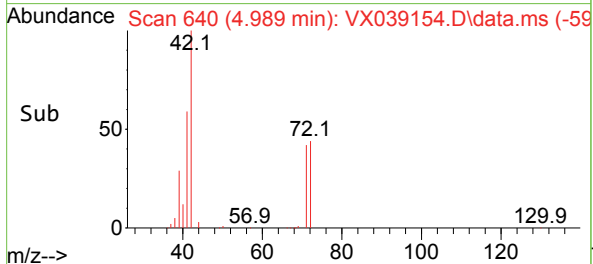
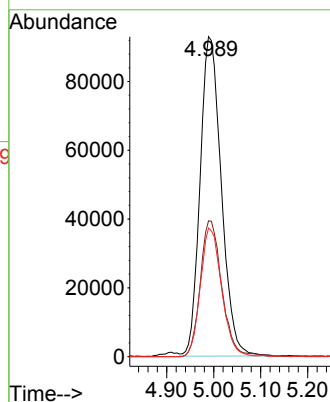
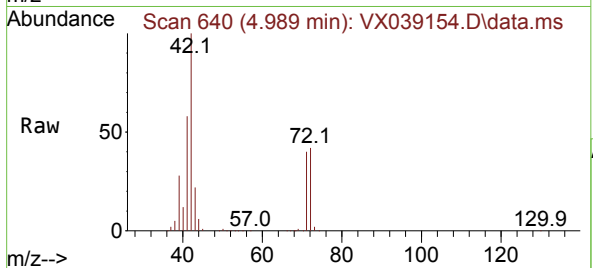
Tgt Ion: 42 Resp: 291515

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 40.1 32.2 48.2



#30

Chloroform

Concen: 55.440 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039154.D

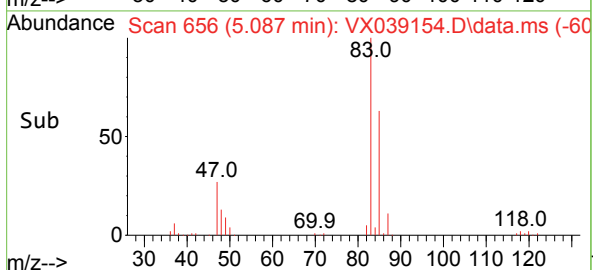
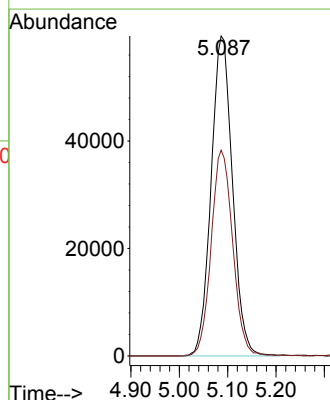
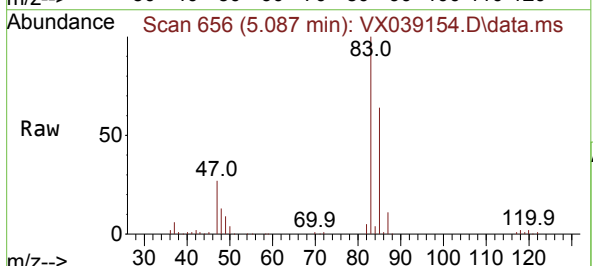
Acq: 12 Dec 2023 09:17

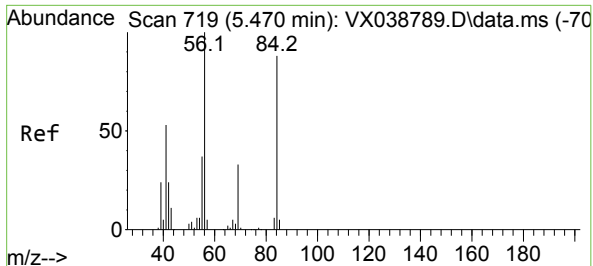
Tgt Ion: 83 Resp: 182726

Ion Ratio Lower Upper

83 100

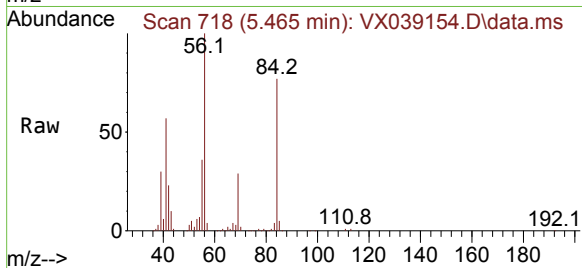
85 64.3 50.3 75.5





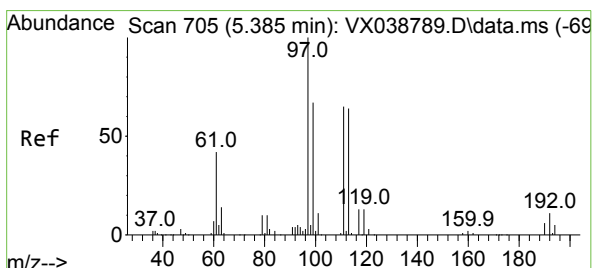
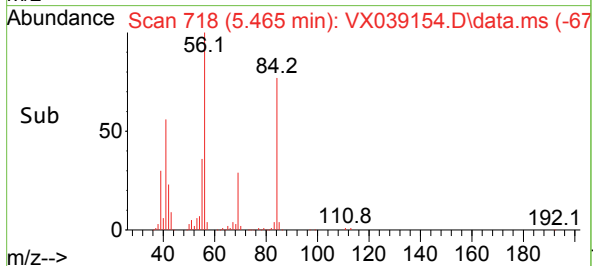
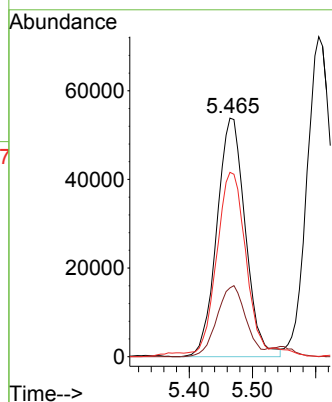
#31
Cyclohexane
Concen: 55.360 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 167924

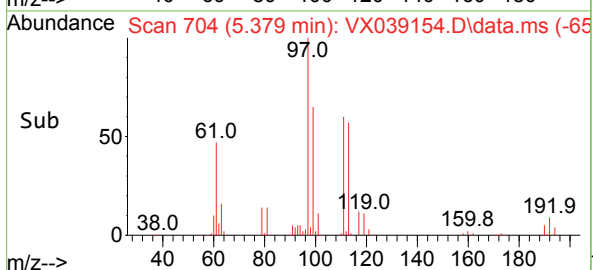
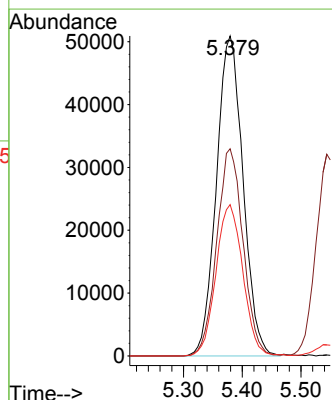
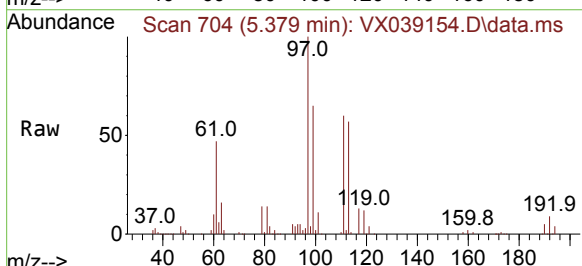
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.2
84	75.6	65.9	98.9

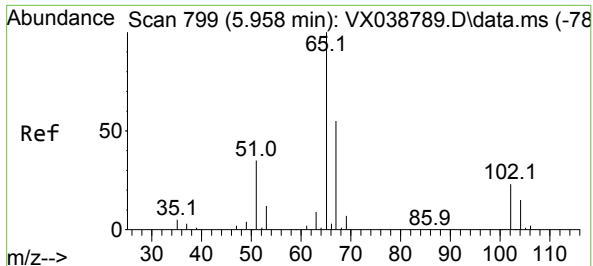


#32
1,1,1-Trichloroethane
Concen: 56.173 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 97 Resp: 160361

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	47.9	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 57.050 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

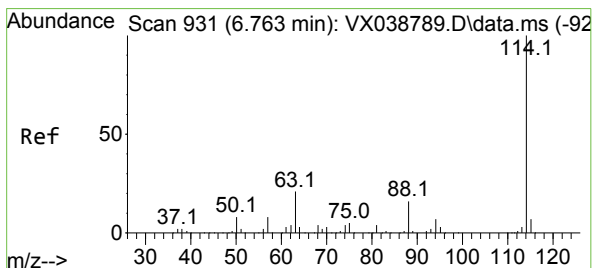
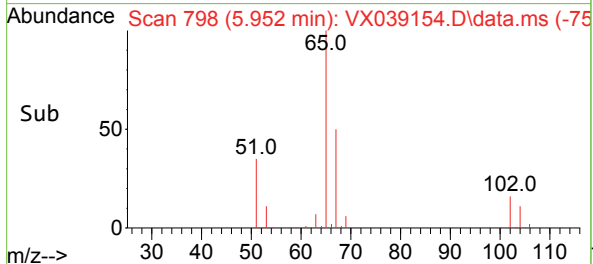
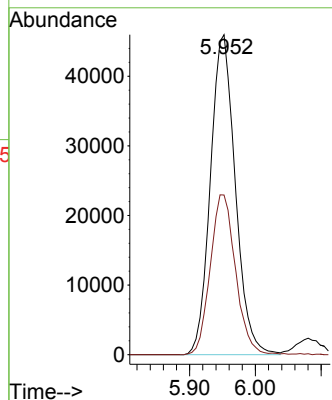
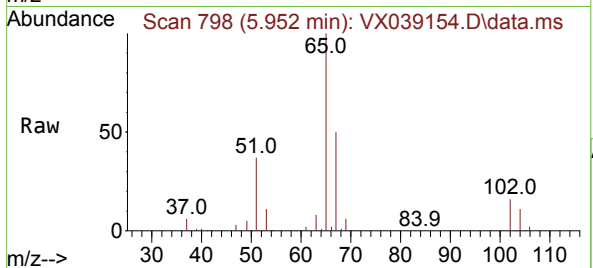
VSTDCCC050

Tgt Ion: 65 Resp: 121204

Ion Ratio Lower Upper

65 100

67 50.7 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: VX039154.D

Acq: 12 Dec 2023 09:17

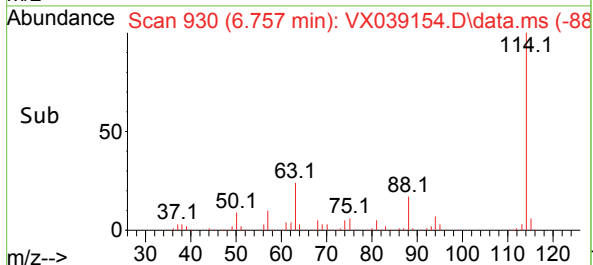
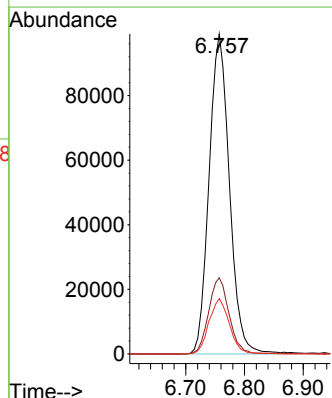
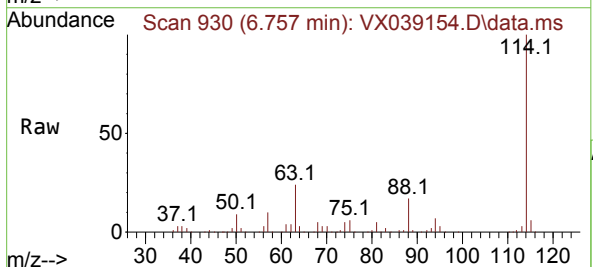
Tgt Ion:114 Resp: 238020

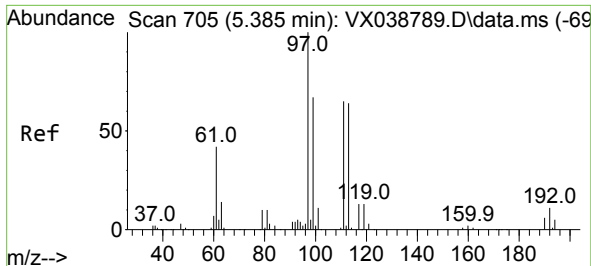
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 17.3 0.0 36.6

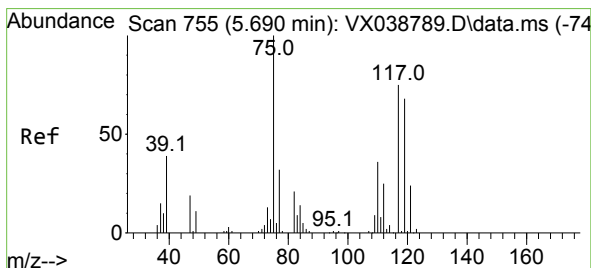
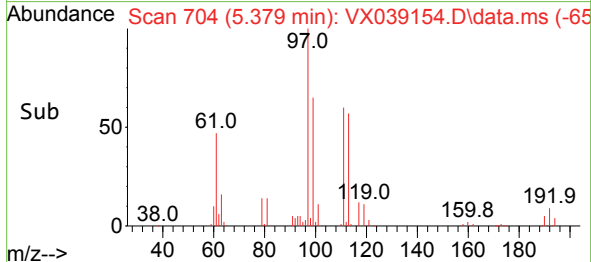
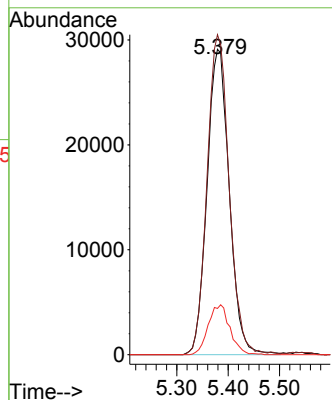
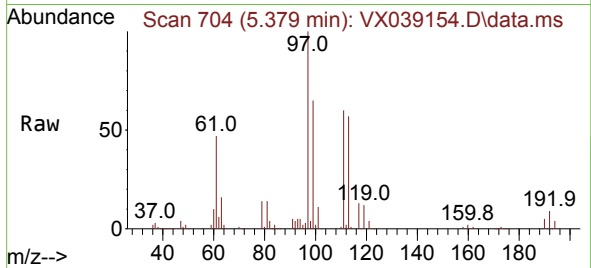




#35
Dibromofluoromethane
Concen: 50.860 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

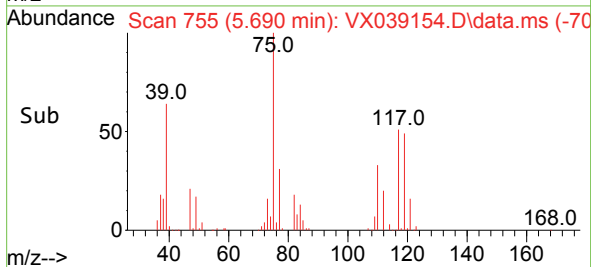
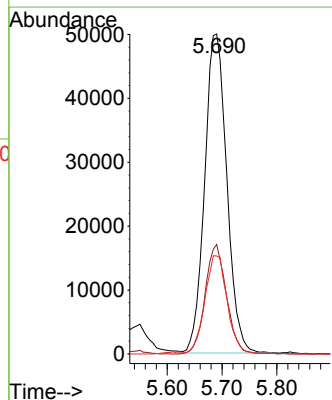
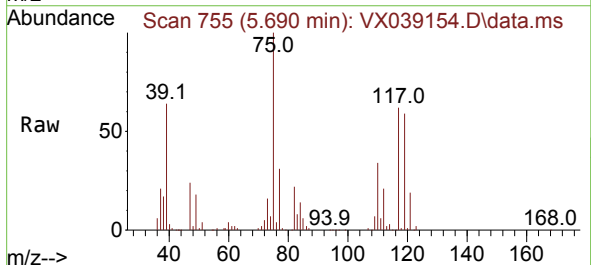
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

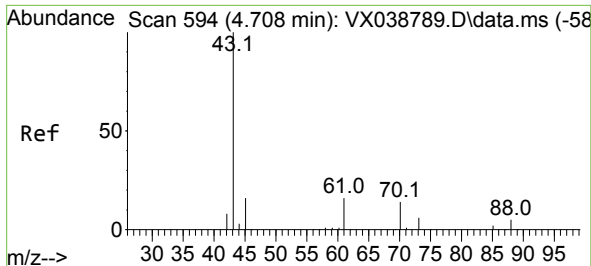
Tgt Ion:113 Resp: 87430
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 56.849 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 75 Resp: 140063
Ion Ratio Lower Upper
75 100
110 33.1 17.0 50.9
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 52.120 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

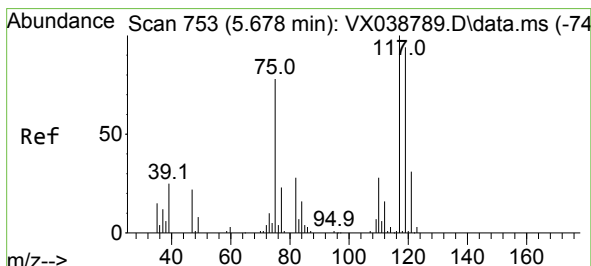
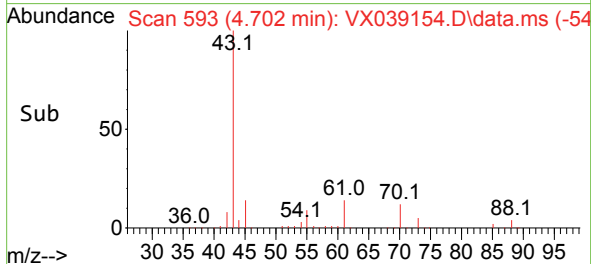
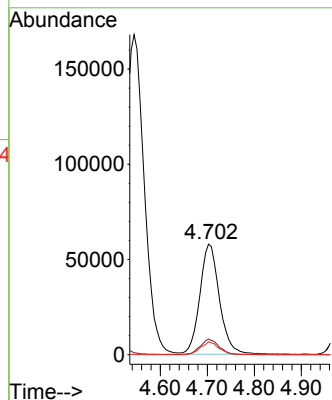
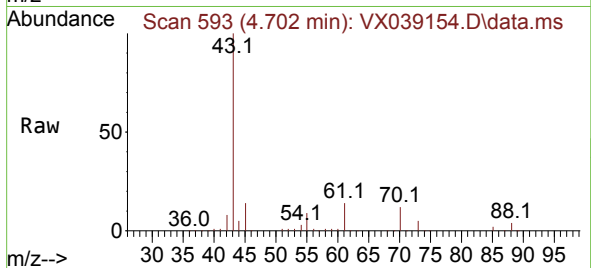
Tgt Ion: 43 Resp: 167300

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 10.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 59.259 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

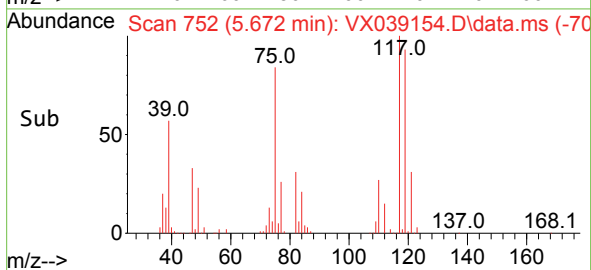
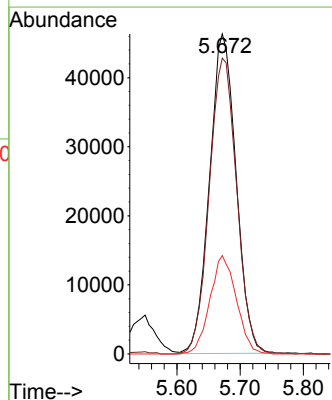
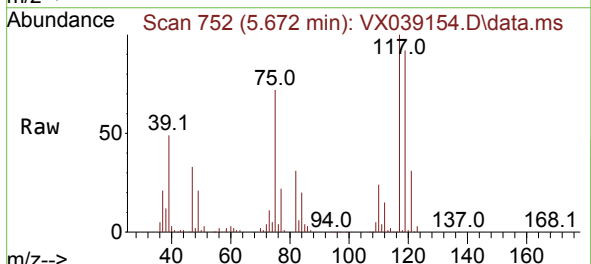
Tgt Ion: 117 Resp: 134937

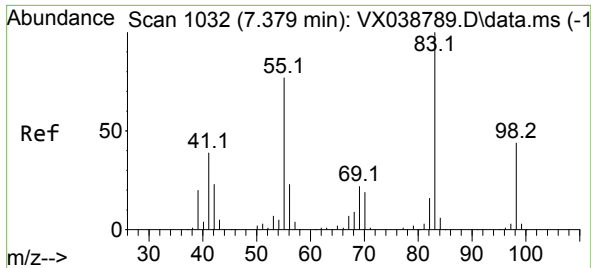
Ion Ratio Lower Upper

117 100

119 92.4 78.2 117.2

121 30.8 24.4 36.6

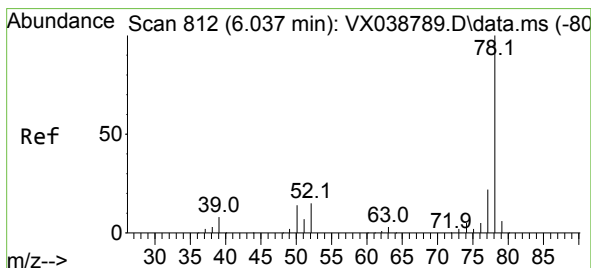
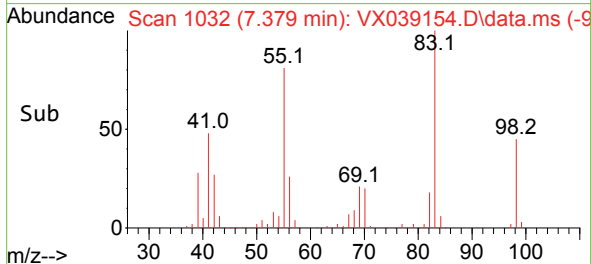
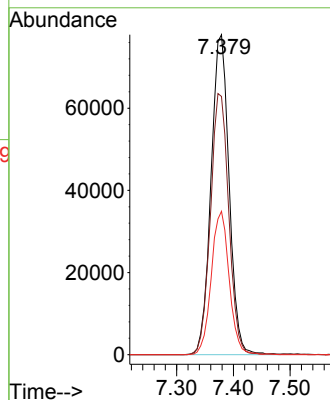
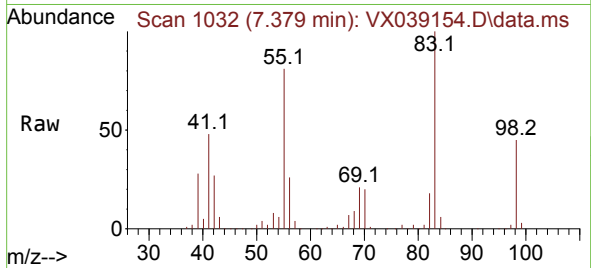




#39
Methylcyclohexane
Concen: 53.608 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

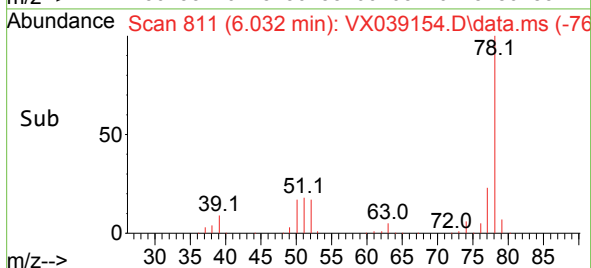
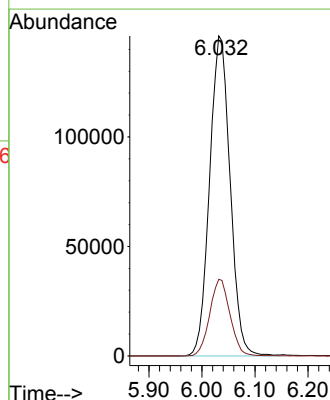
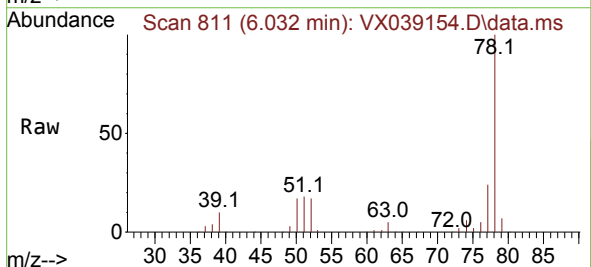
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

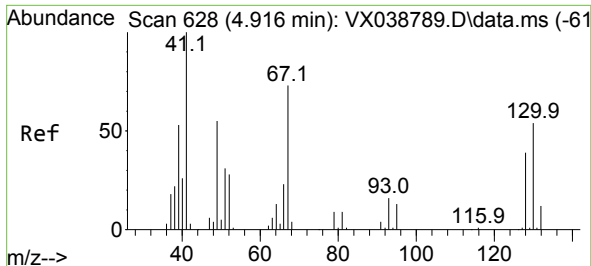
Tgt Ion: 83 Resp: 172283
Ion Ratio Lower Upper
83 100
55 80.7 64.6 97.0
98 44.8 36.7 55.1



#40
Benzene
Concen: 53.929 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 78 Resp: 392983
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9



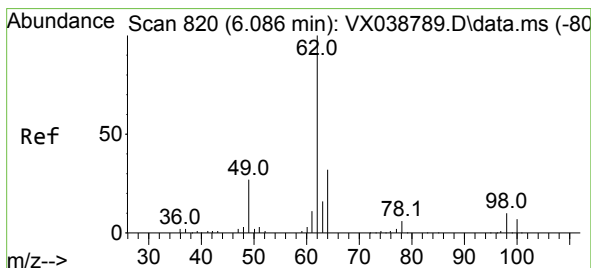
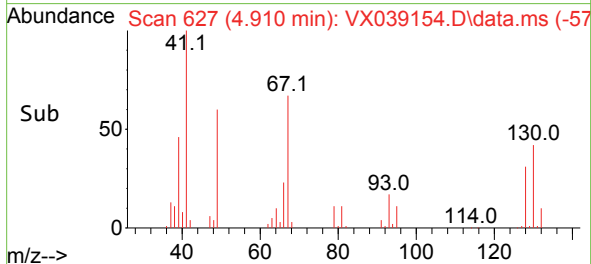
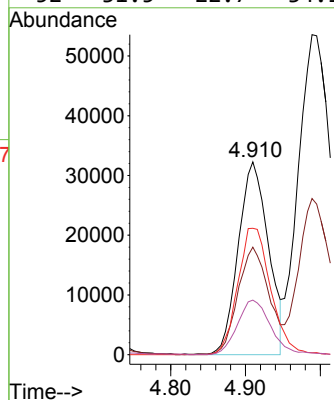
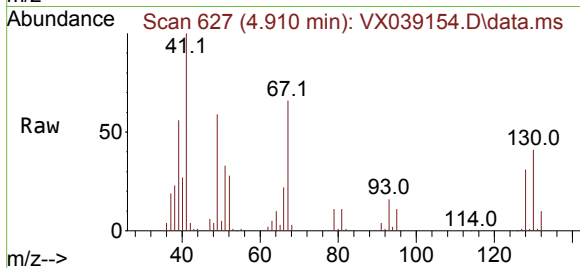


#41
Methacrylonitrile
Concen: 54.322 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 90436

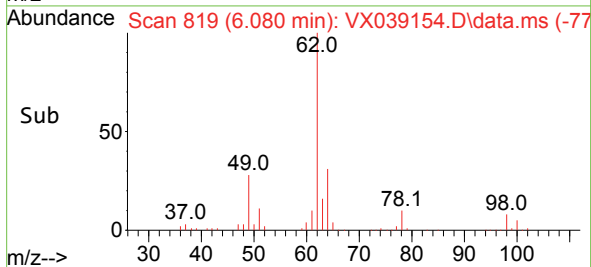
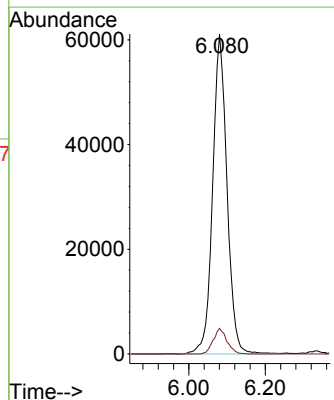
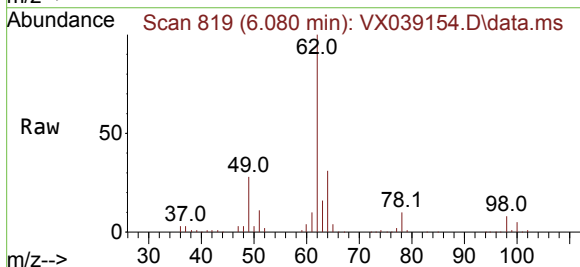
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.2	67.8
67	71.9	52.6	78.8
52	31.5	22.7	34.1

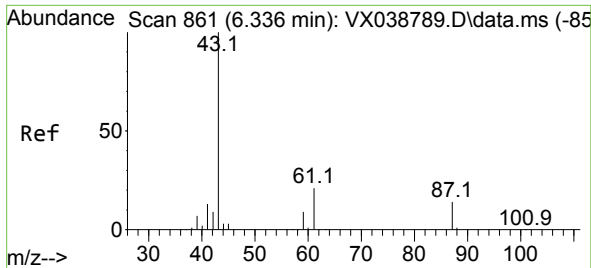


#42
1,2-Dichloroethane
Concen: 65.777 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 62 Resp: 158808

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0

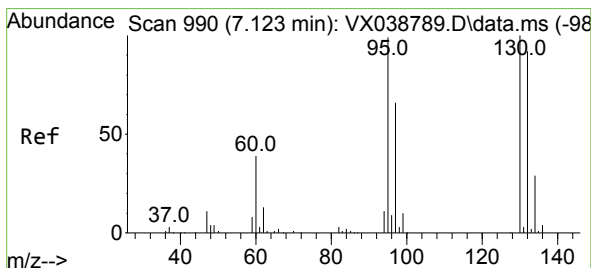
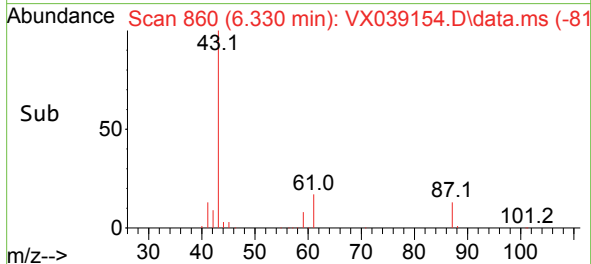
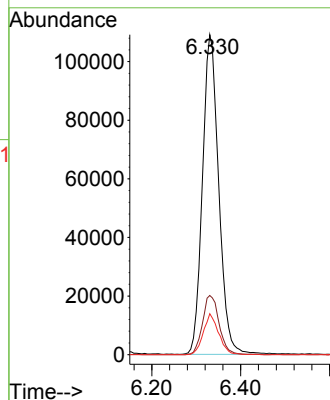
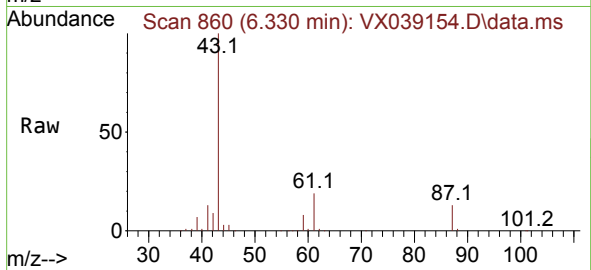




#43
Isopropyl Acetate
Concen: 54.300 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

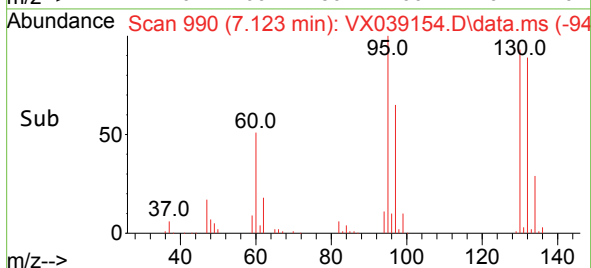
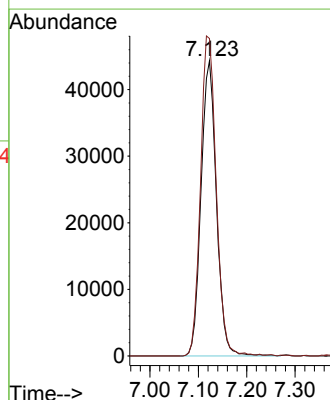
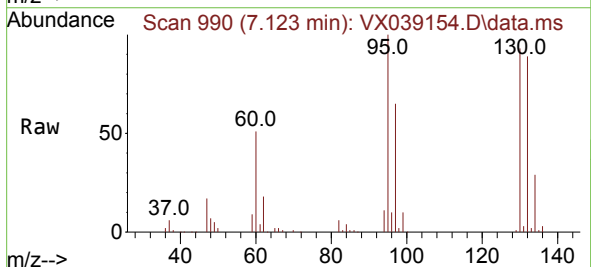
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

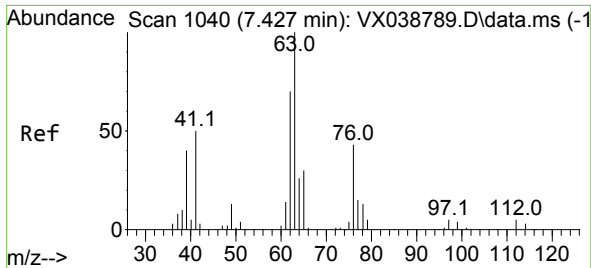
Tgt Ion: 43 Resp: 278555
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 55.297 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:130 Resp: 98083
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.4

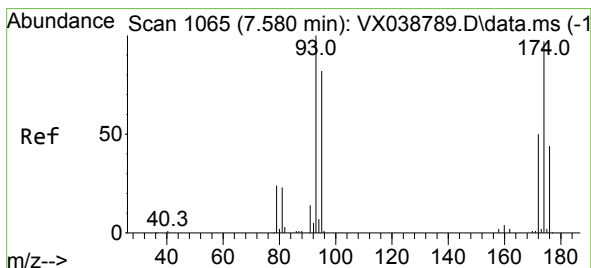
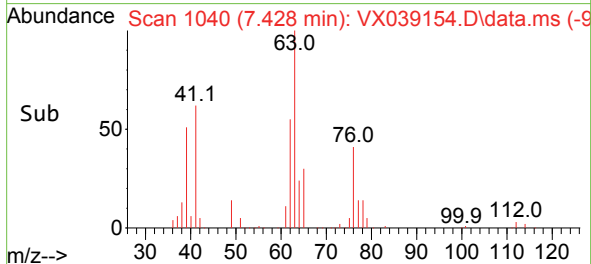
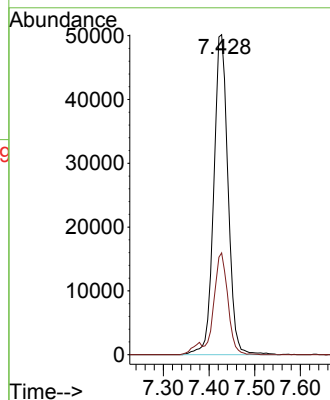
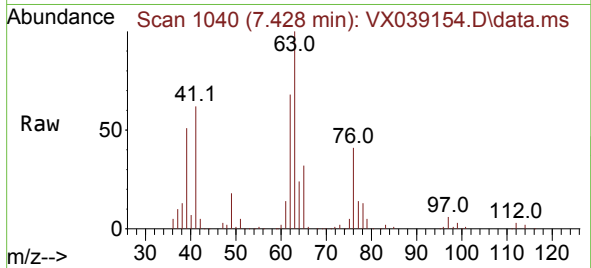




#45
1,2-Dichloropropane
Concen: 55.502 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

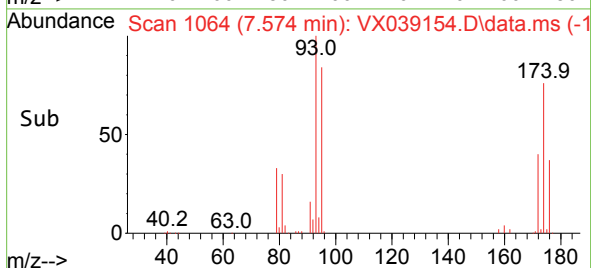
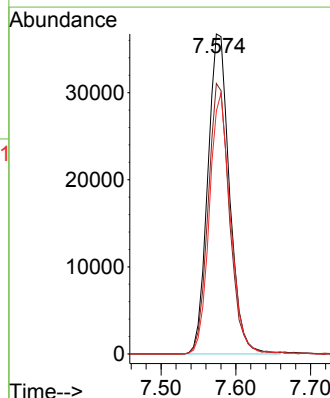
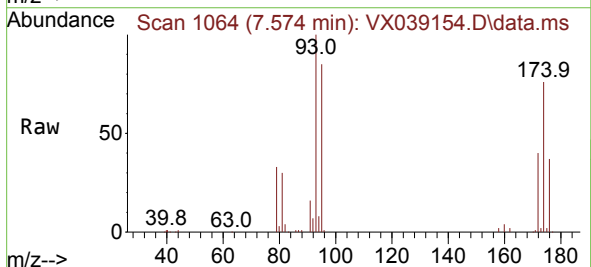
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

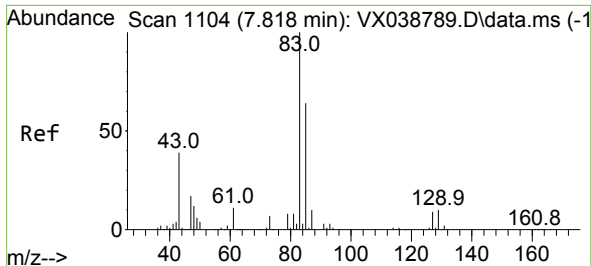
Tgt Ion: 63 Resp: 108840
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 56.764 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 93 Resp: 74234
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 78.8 69.4 104.0

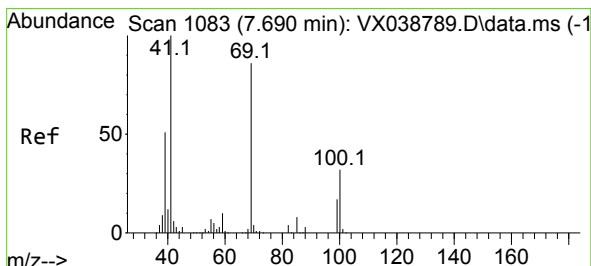
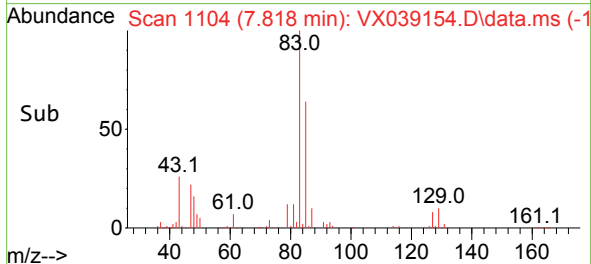
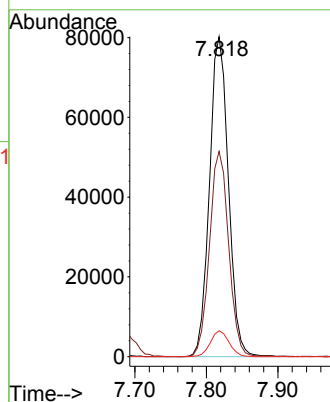
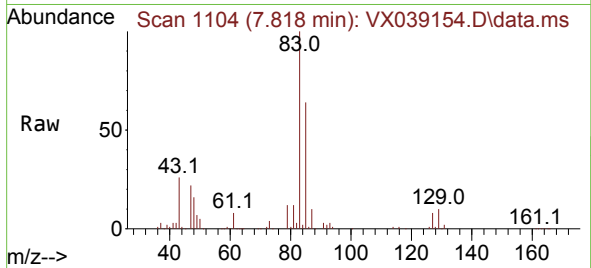




#47
 Bromodichloromethane
 Concen: 56.748 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

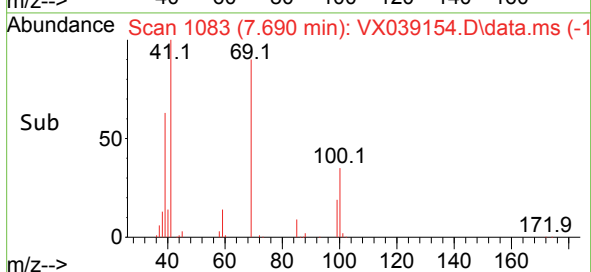
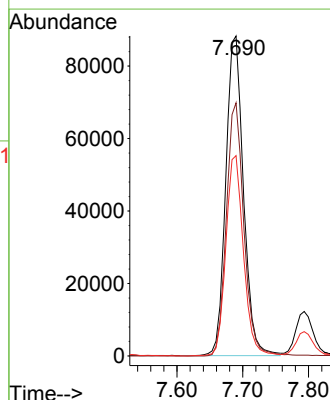
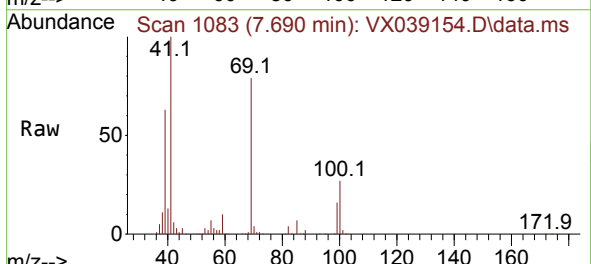
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

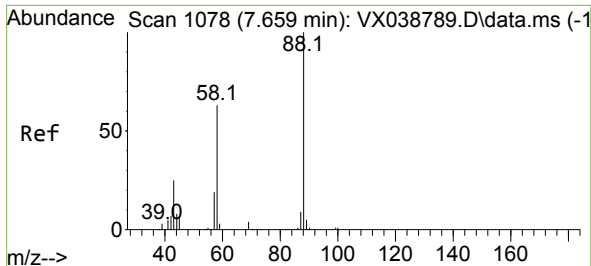
Tgt Ion: 83 Resp: 147293
 Ion Ratio Lower Upper
 83 100
 85 64.2 49.8 74.6
 127 8.1 7.1 10.7



#48
 Methyl methacrylate
 Concen: 66.531 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Tgt Ion: 41 Resp: 165596
 Ion Ratio Lower Upper
 41 100
 69 78.6 59.2 88.8
 39 62.4 47.7 71.5





#49

1,4-Dioxane

Concen: 895.712 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

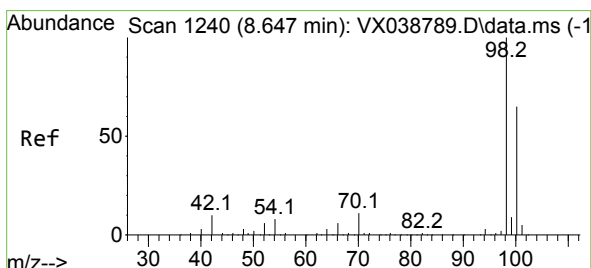
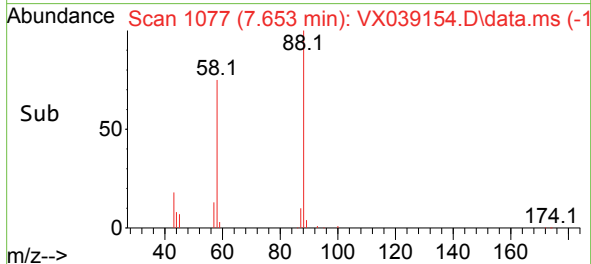
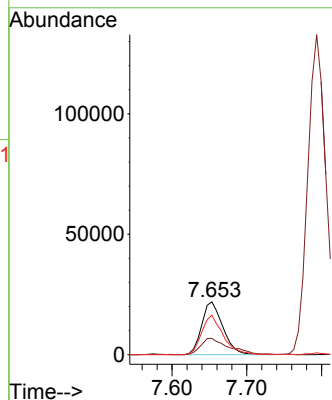
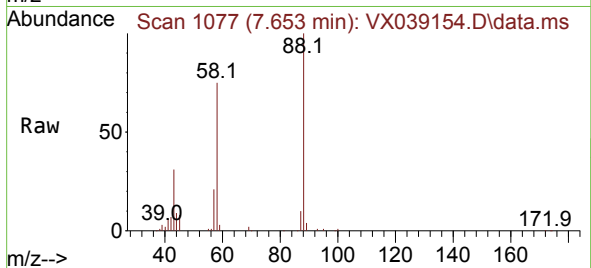
Tgt Ion: 88 Resp: 43131

Ion Ratio Lower Upper

88 100

43 41.2 0.0 0.0#

58 76.5 60.1 90.1



#50

Toluene-d8

Concen: 47.908 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039154.D

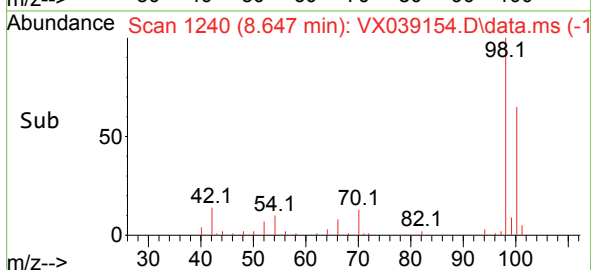
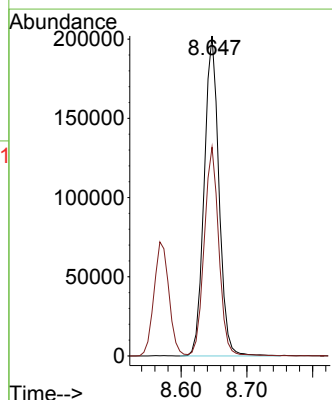
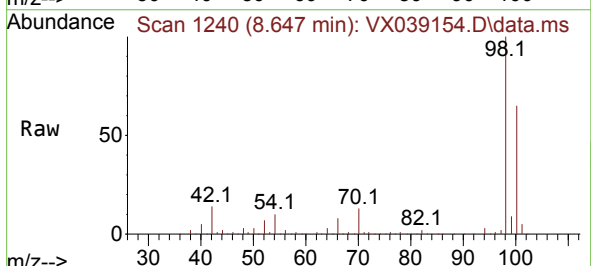
Acq: 12 Dec 2023 09:17

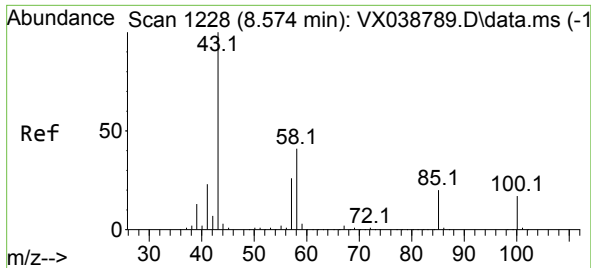
Tgt Ion: 98 Resp: 315097

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 265.108 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

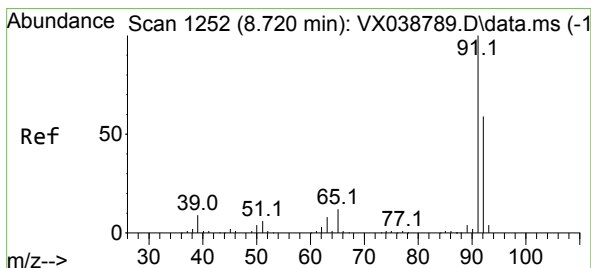
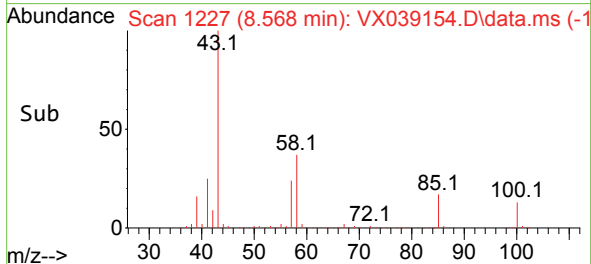
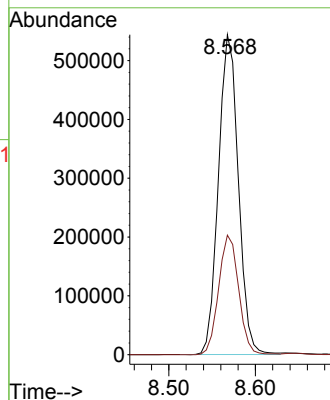
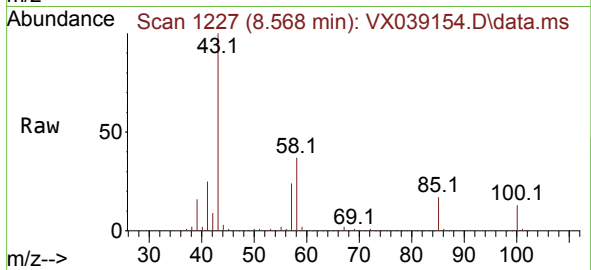
VSTDCCC050

Tgt Ion: 43 Resp: 869107

Ion Ratio Lower Upper

43 100

58 37.6 30.4 45.6



#52

Toluene

Concen: 53.537 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039154.D

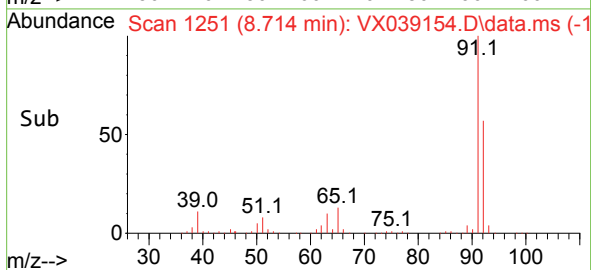
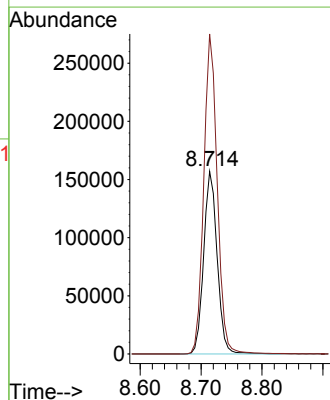
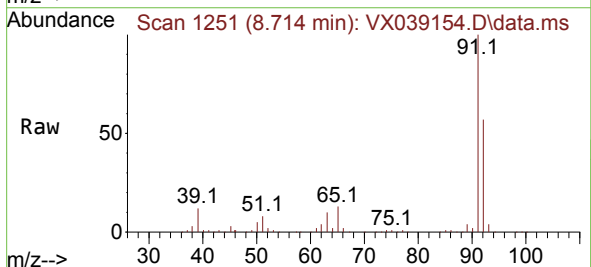
Acq: 12 Dec 2023 09:17

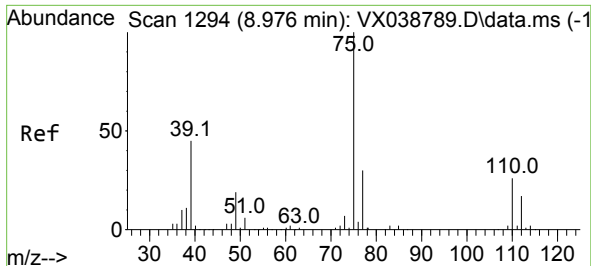
Tgt Ion: 92 Resp: 242097

Ion Ratio Lower Upper

92 100

91 175.1 134.2 201.2

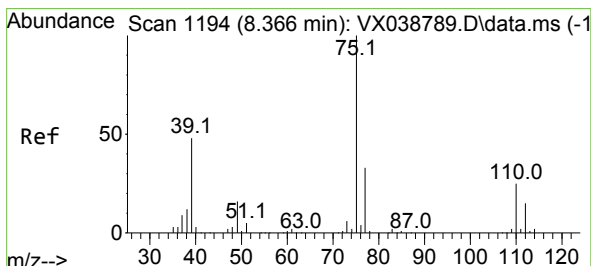
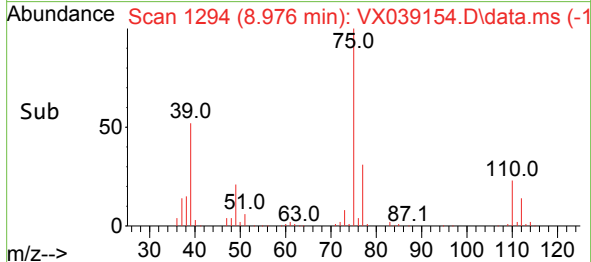
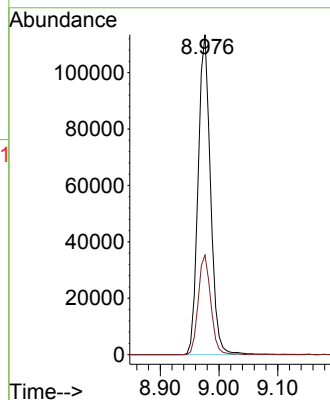
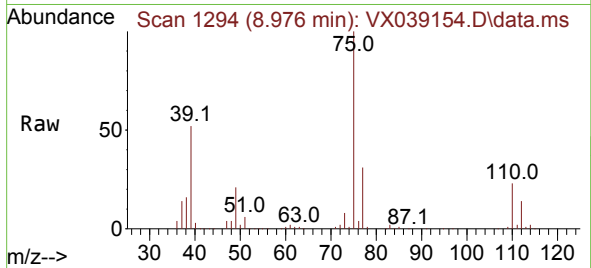




#53
 t-1,3-Dichloropropene
 Concen: 53.885 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

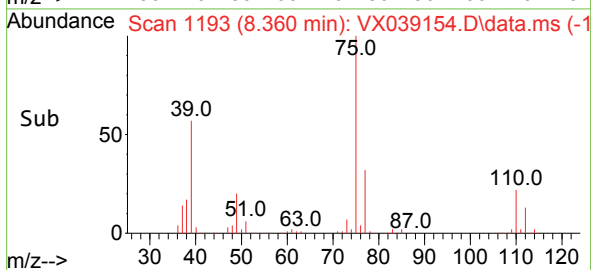
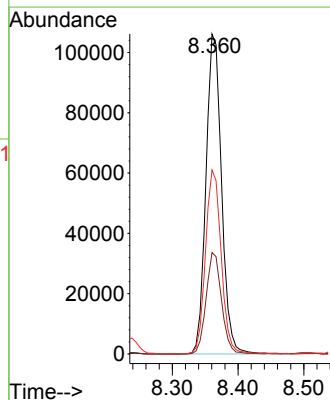
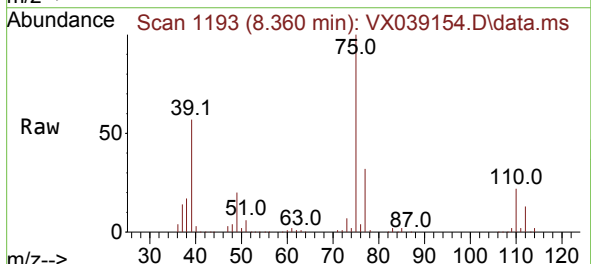
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

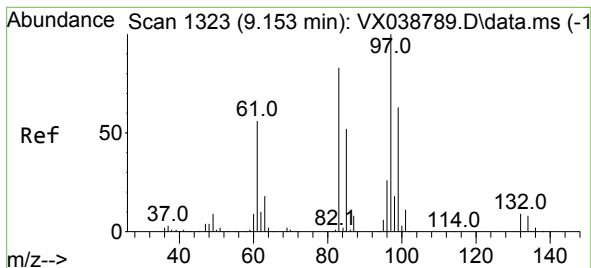
Tgt Ion: 75 Resp: 166210
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.979 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Tgt Ion: 75 Resp: 175172
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 57.5 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 53.044 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 100085

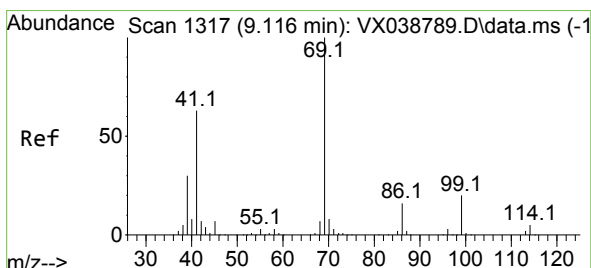
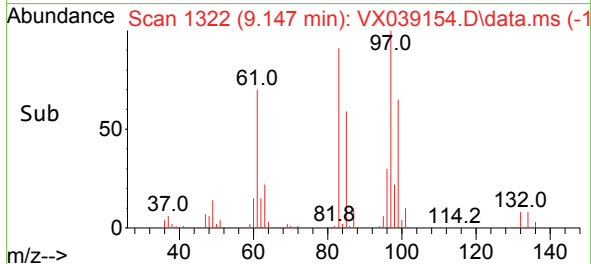
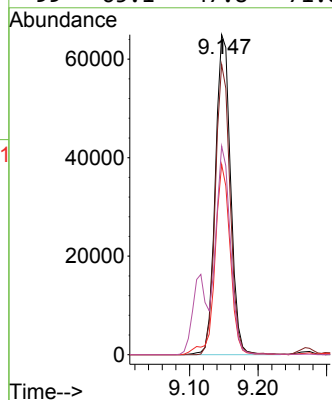
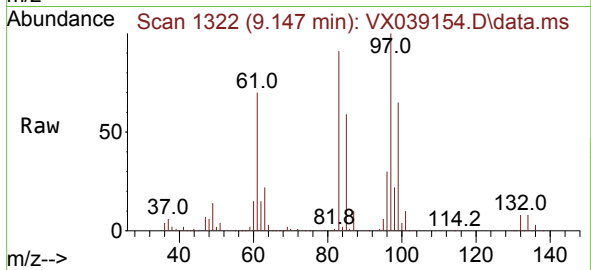
Ion Ratio Lower Upper

97 100

83 90.7 65.8 98.8

85 59.4 41.6 62.4

99 65.1 47.8 71.8



#56

Ethyl methacrylate

Concen: 40.339 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

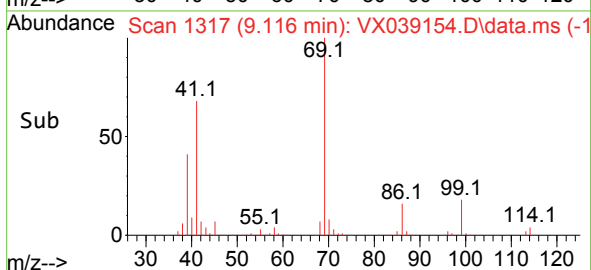
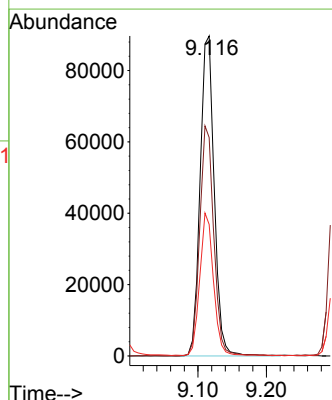
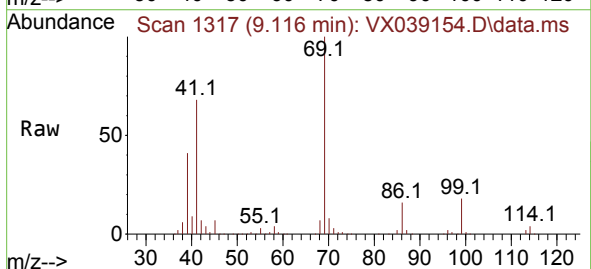
Tgt Ion: 69 Resp: 128780

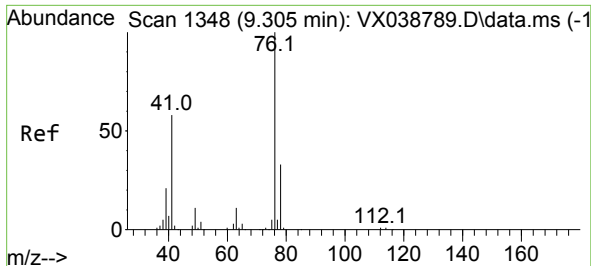
Ion Ratio Lower Upper

69 100

41 71.9 56.8 85.2

39 42.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 55.266 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

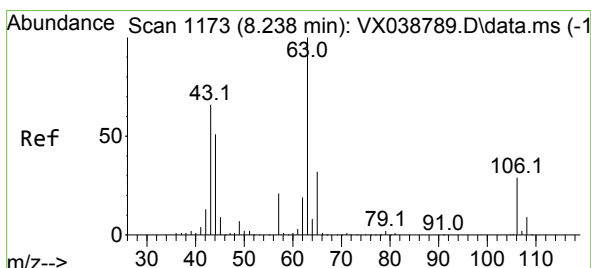
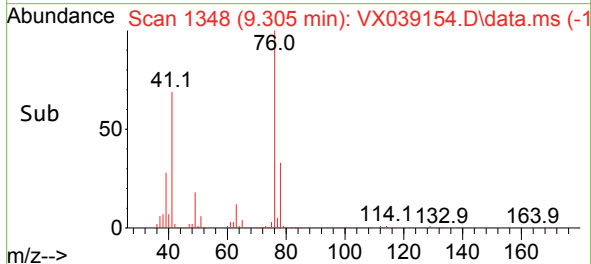
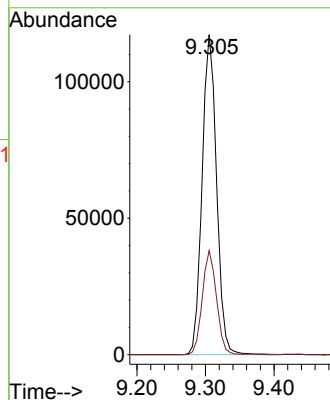
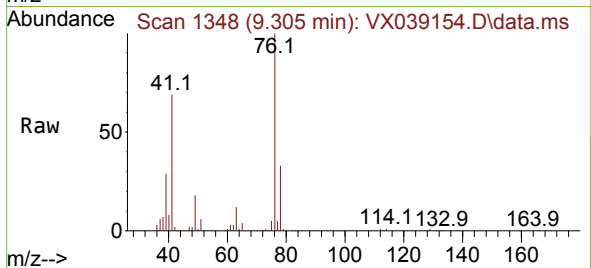
VSTDCCC050

Tgt Ion: 76 Resp: 172459

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 227.374 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039154.D

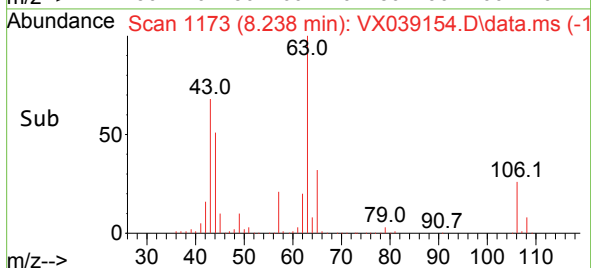
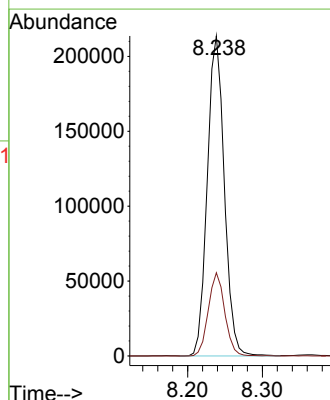
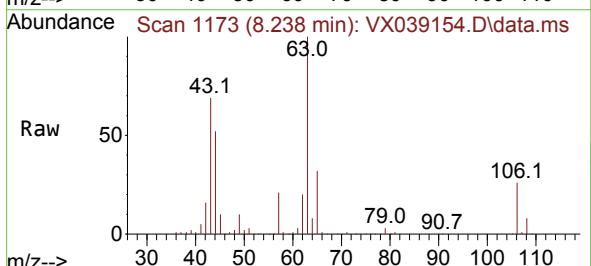
Acq: 12 Dec 2023 09:17

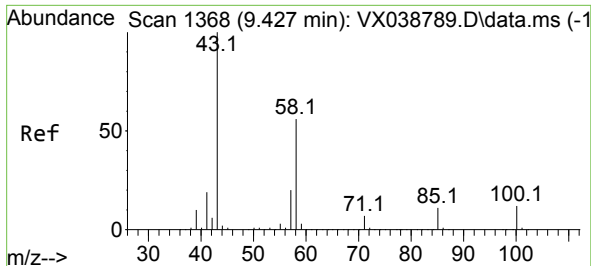
Tgt Ion: 63 Resp: 338147

Ion Ratio Lower Upper

63 100

106 25.1 22.5 33.7

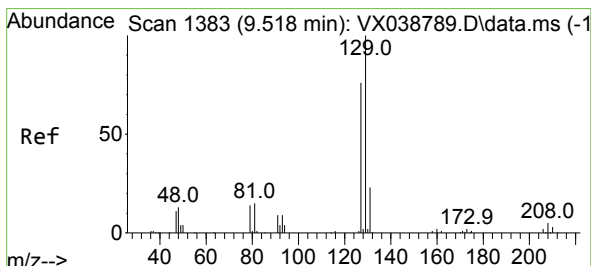
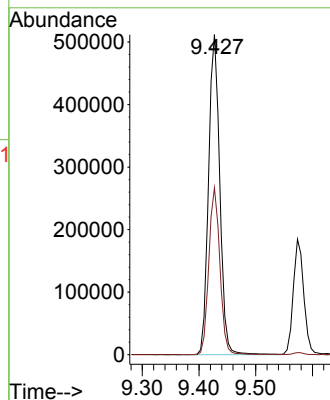
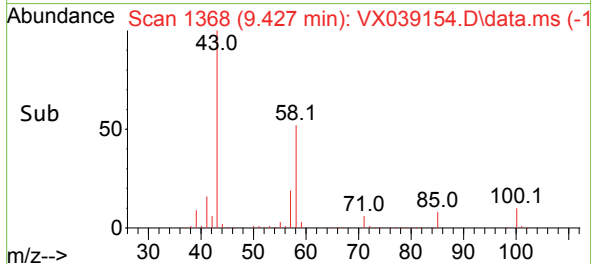
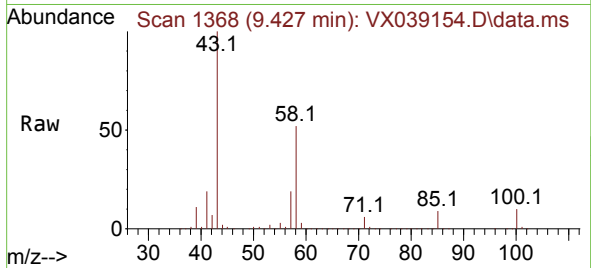




#59
2-Hexanone
Concen: 267.193 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

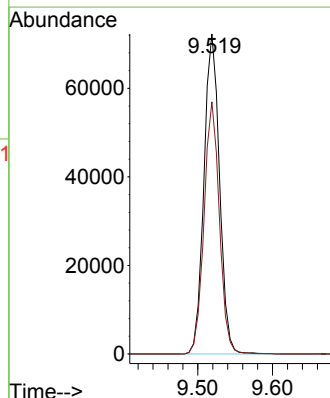
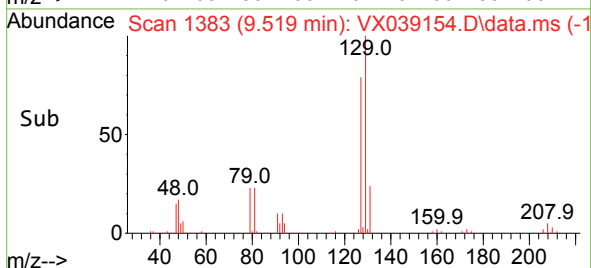
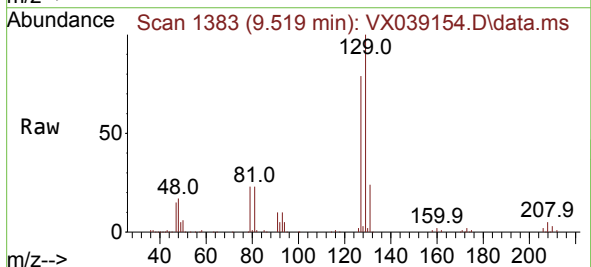
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

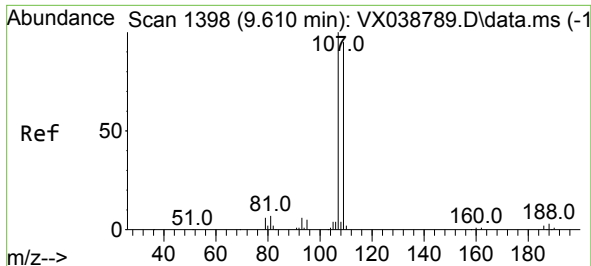
Tgt Ion: 43 Resp: 702093
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5



#60
Dibromochloromethane
Concen: 54.451 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:129 Resp: 104466
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

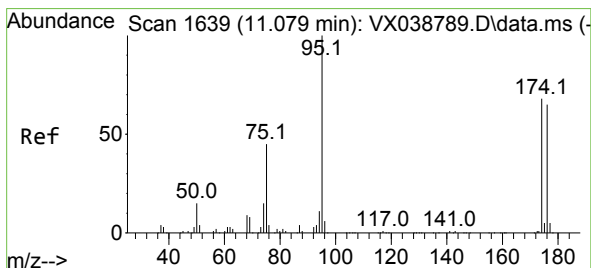
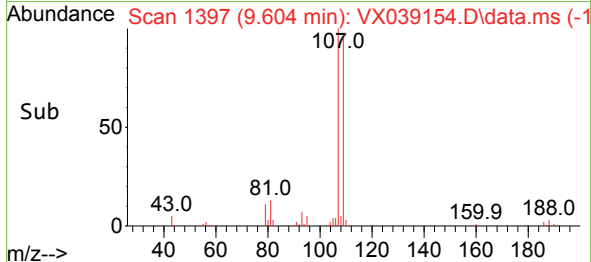
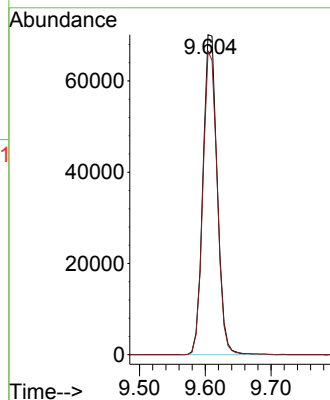
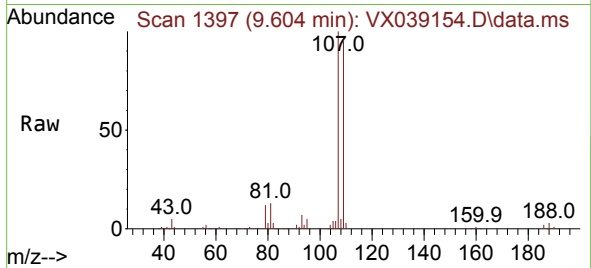




#61
1,2-Dibromoethane
Concen: 53.545 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

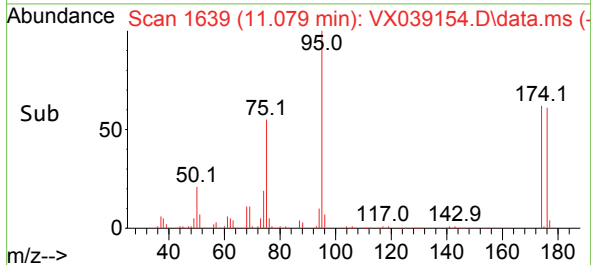
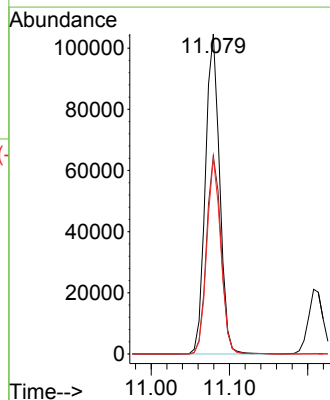
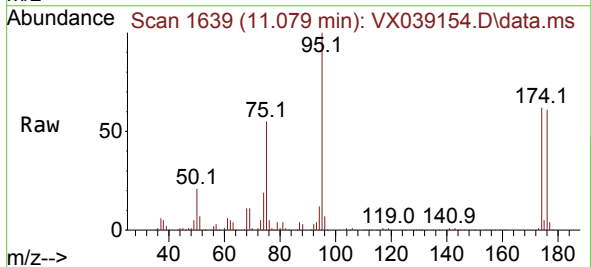
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

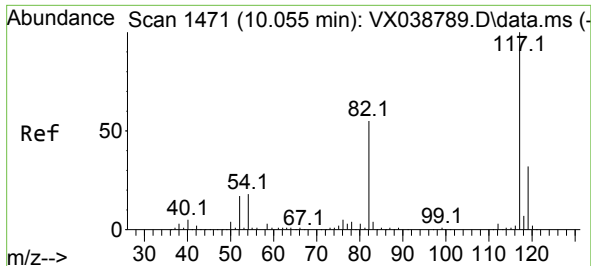
Tgt Ion:107 Resp: 106016
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 95 Resp: 132054
Ion Ratio Lower Upper
95 100
174 62.9 0.0 135.6
176 59.7 0.0 131.0

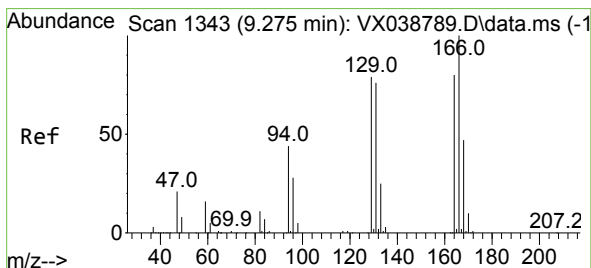
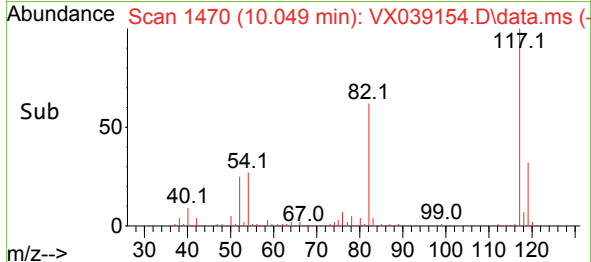
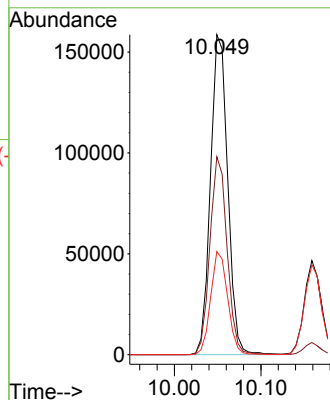
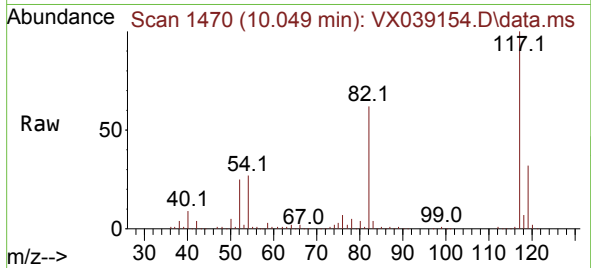




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

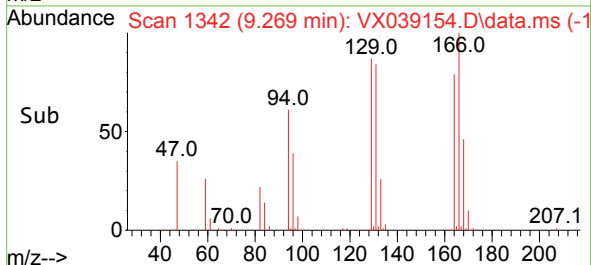
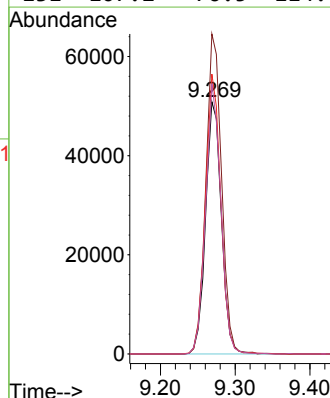
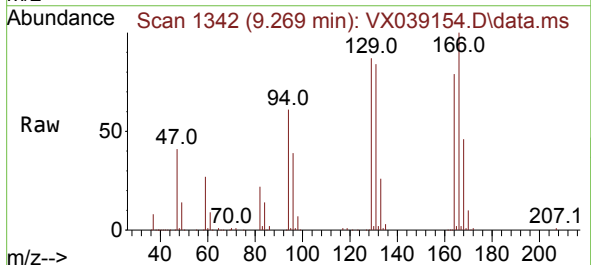
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

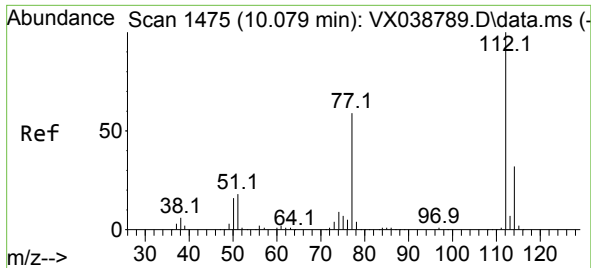
Tgt Ion:117 Resp: 219105
Ion Ratio Lower Upper
117 100
82 61.8 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 54.644 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:164 Resp: 74420
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 111.0 80.4 120.6
131 107.2 76.5 114.7

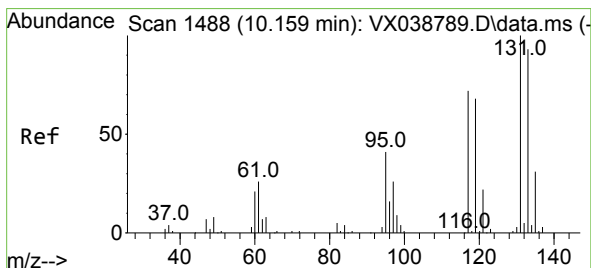
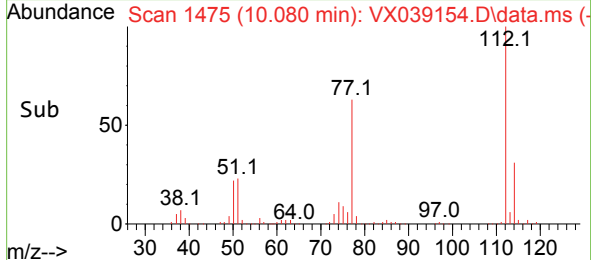
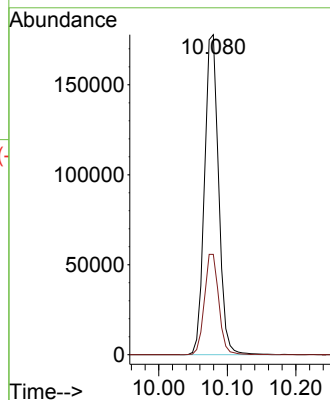
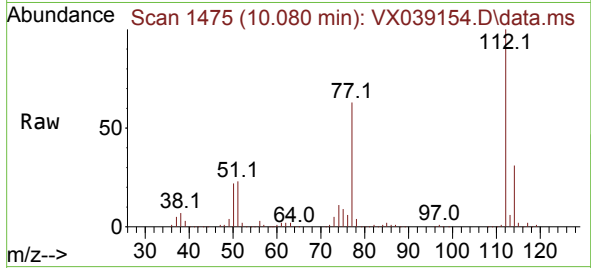




#65
Chlorobenzene
Concen: 54.048 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

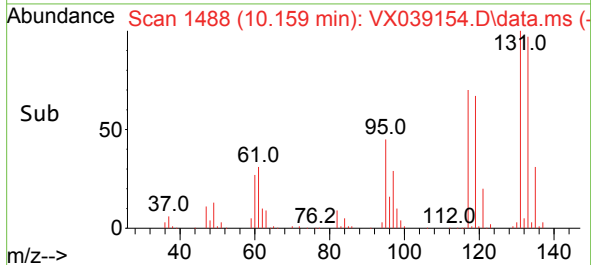
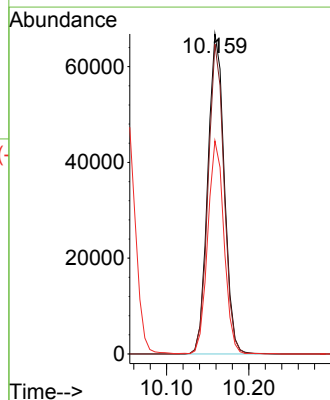
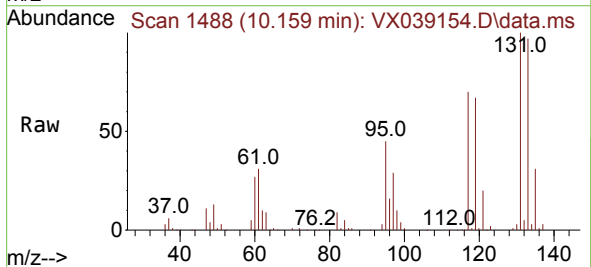
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

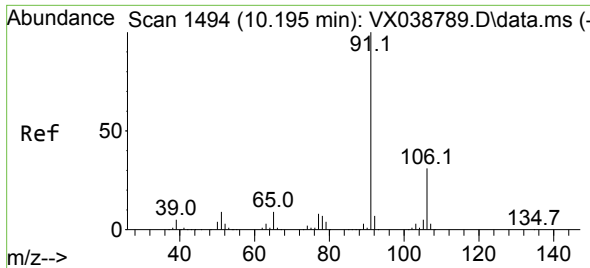
Tgt Ion:112 Resp: 255095
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.935 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:131 Resp: 93268
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 65.7 32.2 96.6

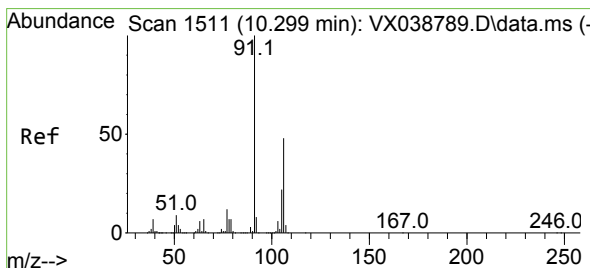
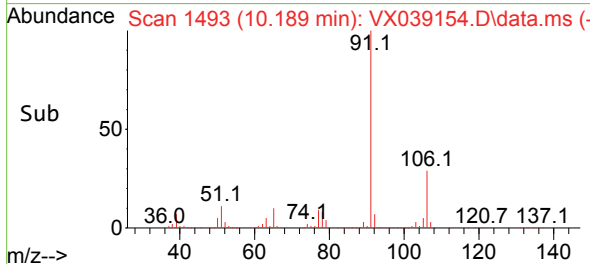
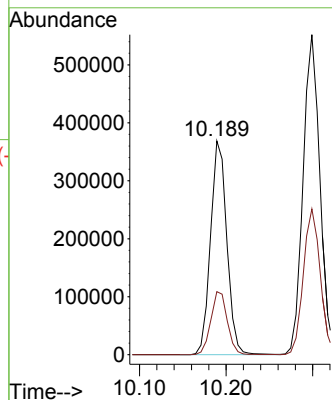
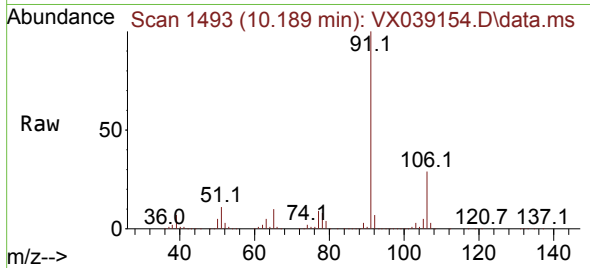




#67
Ethyl Benzene
Concen: 55.630 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

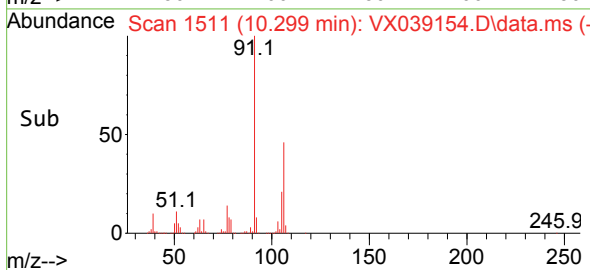
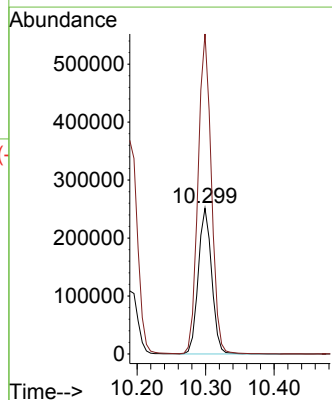
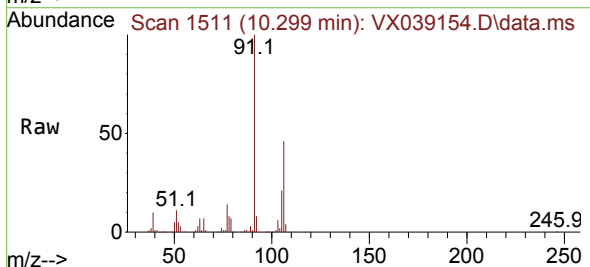
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

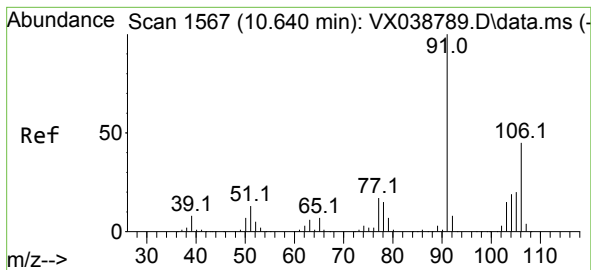
Tgt Ion: 91 Resp: 482391
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3



#68
m/p-Xylenes
Concen: 104.480 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 106 Resp: 342716
Ion Ratio Lower Upper
106 100
91 218.1 165.5 248.3





#69

o-Xylene

Concen: 51.862 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

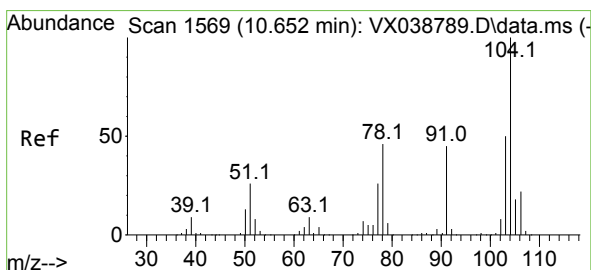
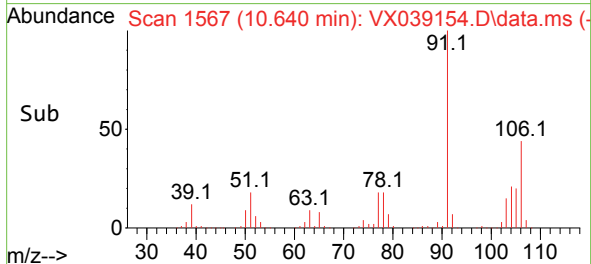
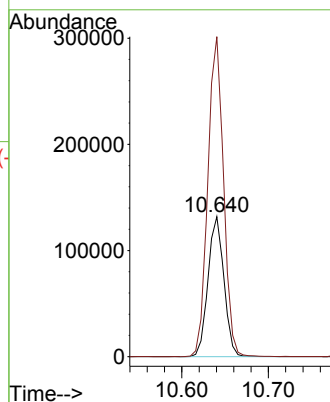
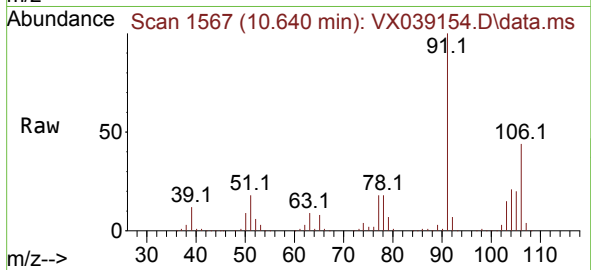
VSTDCCC050

Tgt Ion:106 Resp: 168330

Ion Ratio Lower Upper

106 100

91 226.2 108.9 326.8



#70

Styrene

Concen: 45.366 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

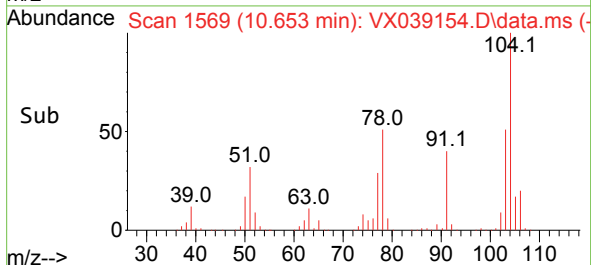
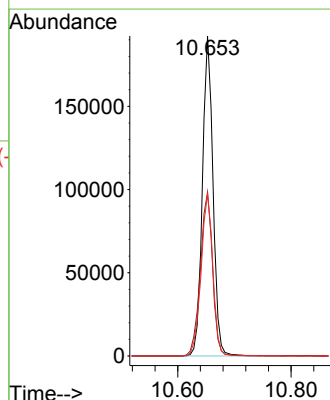
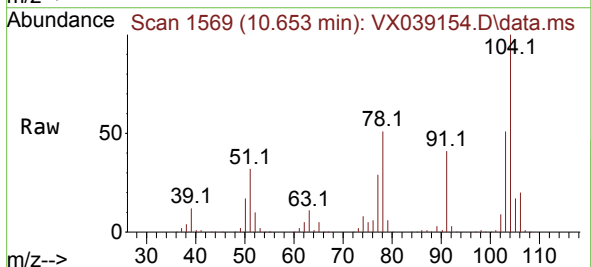
Tgt Ion:104 Resp: 248677

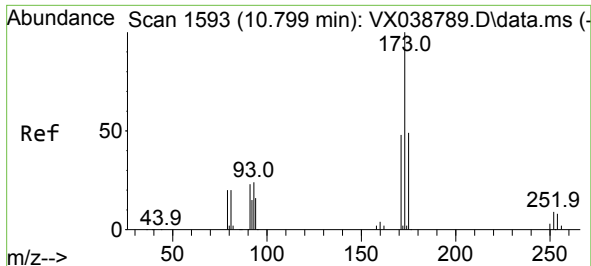
Ion Ratio Lower Upper

104 100

78 58.9 43.6 65.4

103 56.5 43.6 65.4

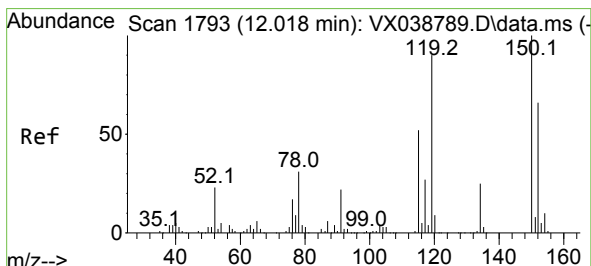
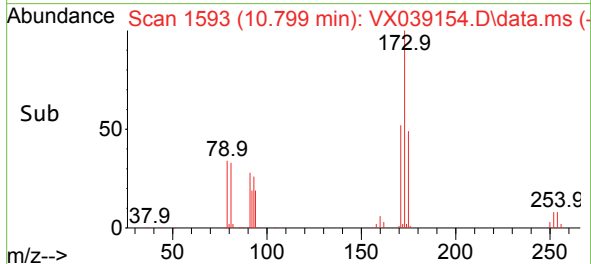
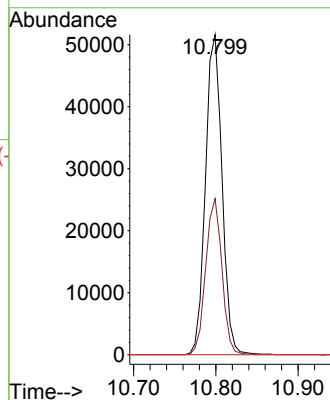
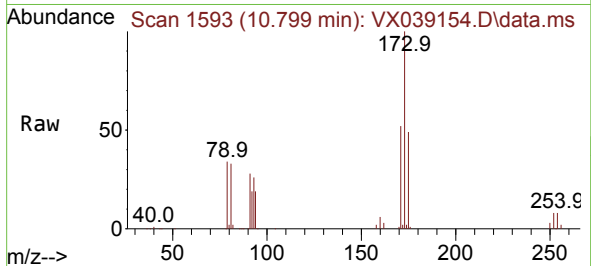




#71
Bromoform
Concen: 51.020 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

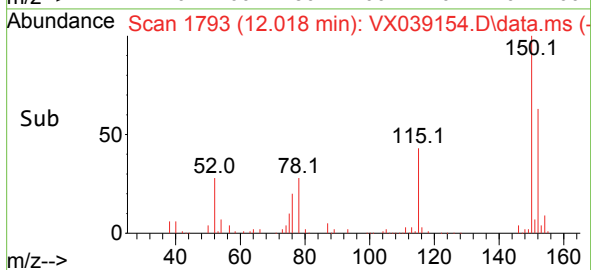
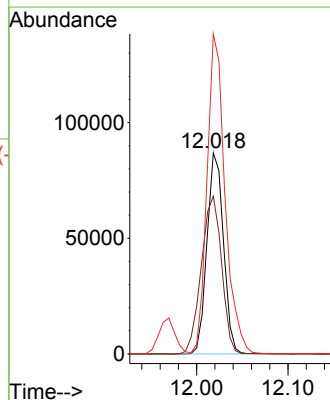
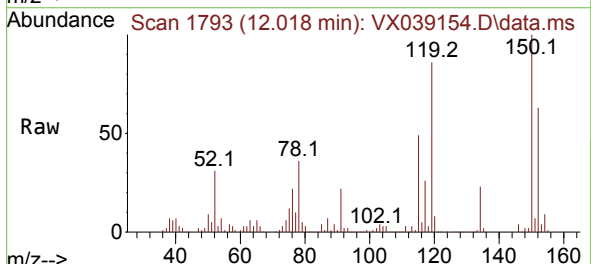
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

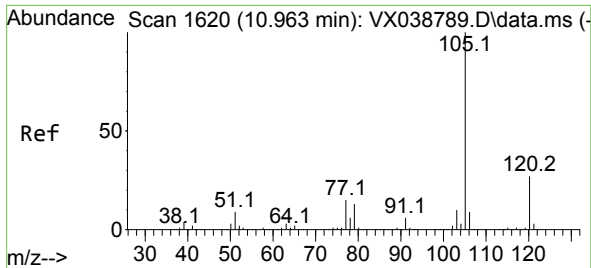
Tgt Ion:173 Resp: 72211
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:152 Resp: 108691
Ion Ratio Lower Upper
152 100
115 96.6 43.3 129.9
150 173.4 0.0 345.0

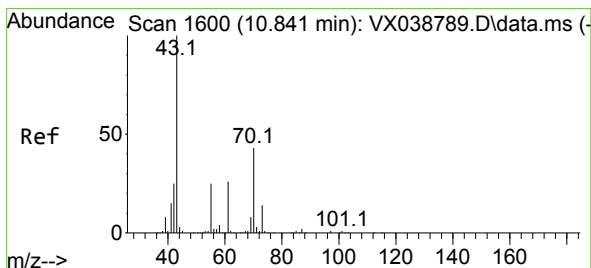
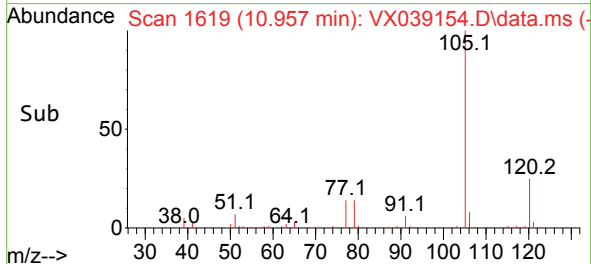
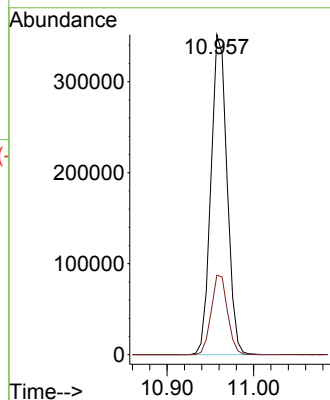
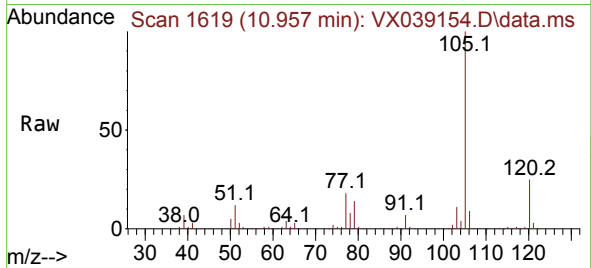




#73
Isopropylbenzene
Concen: 53.636 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

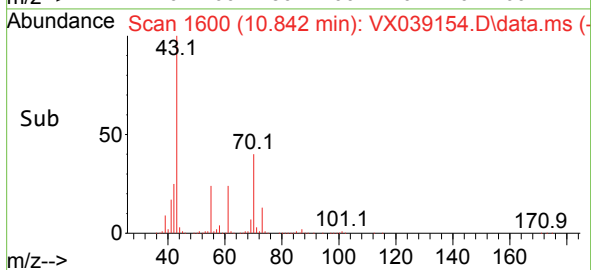
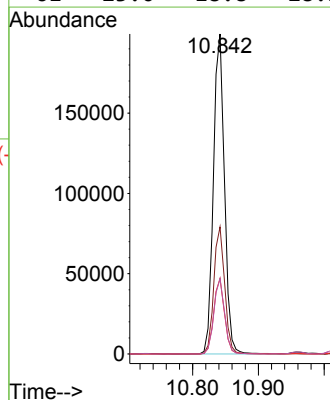
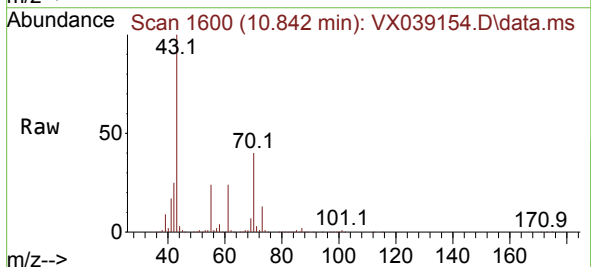
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 454216
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6



#74
N-ethyl acetate
Concen: 52.189 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 43 Resp: 233632
Ion Ratio Lower Upper
43 100
70 39.2 32.9 49.3
55 23.1 19.3 28.9
61 23.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.012 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

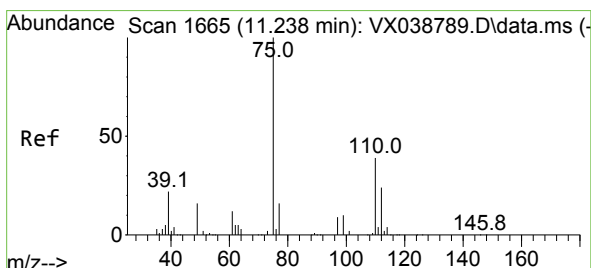
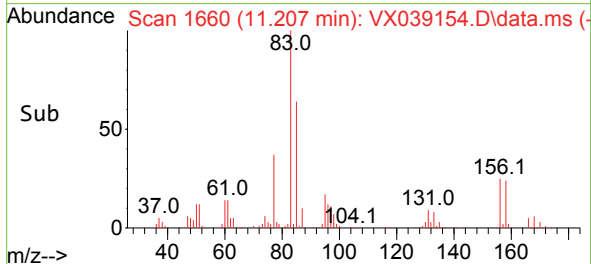
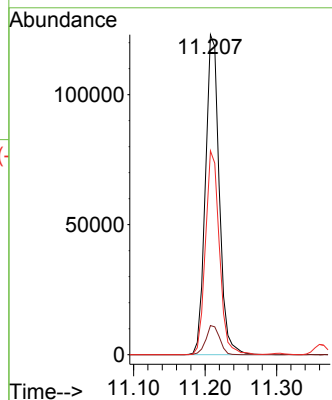
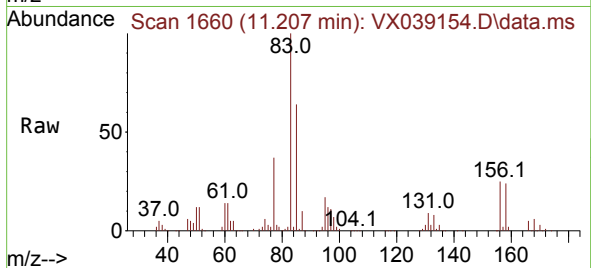
Tgt Ion: 83 Resp: 165330

Ion Ratio Lower Upper

83 100

131 9.1 5.3 15.8

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 72.831 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039154.D

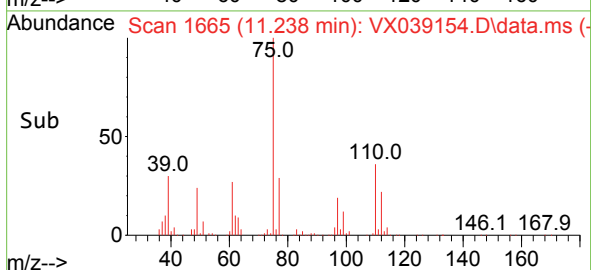
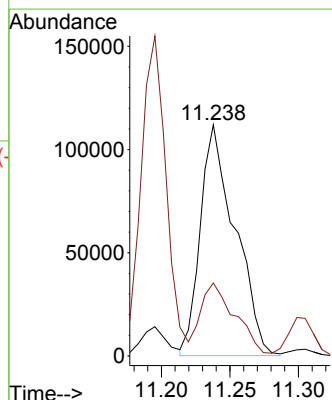
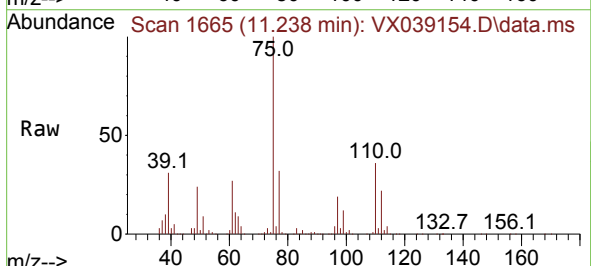
Acq: 12 Dec 2023 09:17

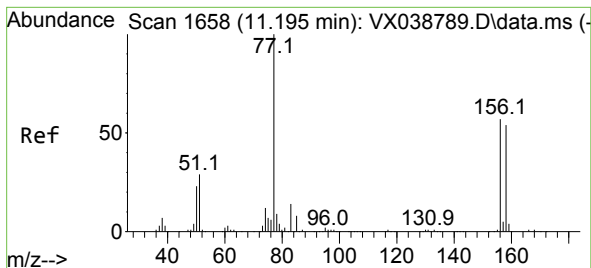
Tgt Ion: 75 Resp: 197505

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 52.312 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

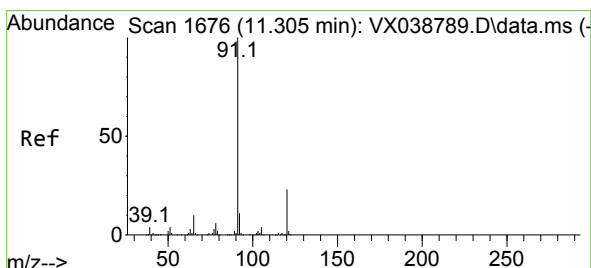
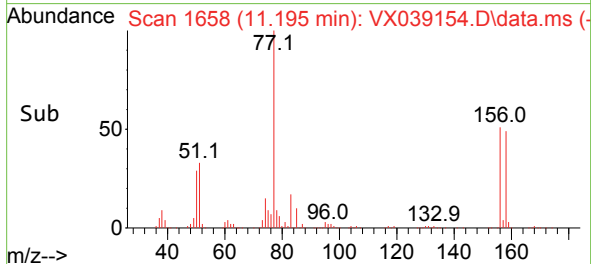
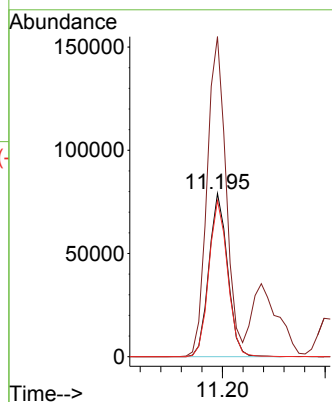
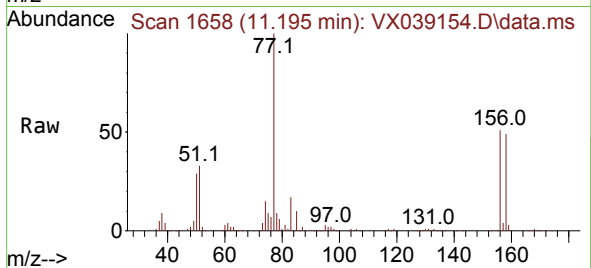
Tgt Ion:156 Resp: 99542

Ion Ratio Lower Upper

156 100

77 199.9 88.4 265.3

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 54.165 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039154.D

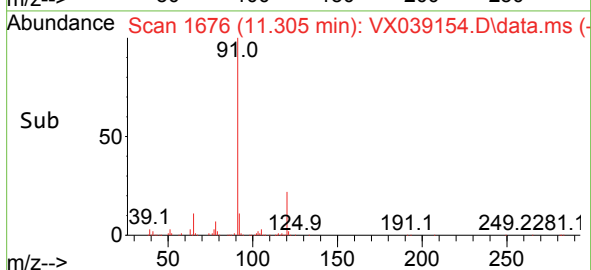
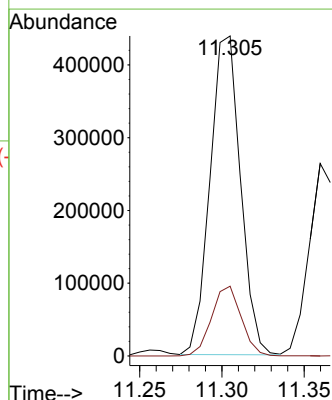
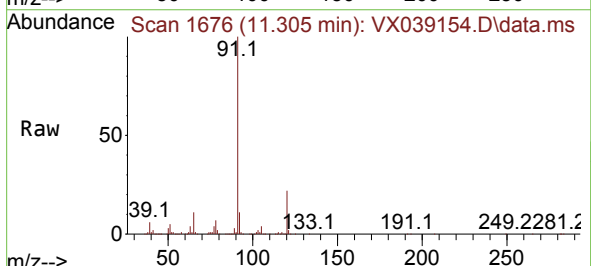
Acq: 12 Dec 2023 09:17

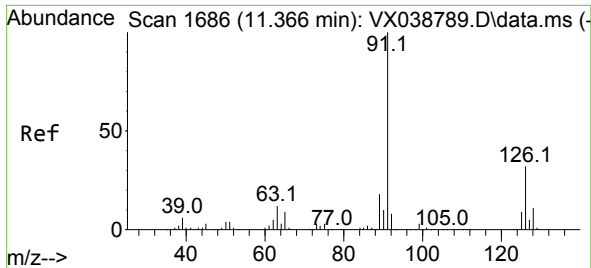
Tgt Ion: 91 Resp: 564610

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4

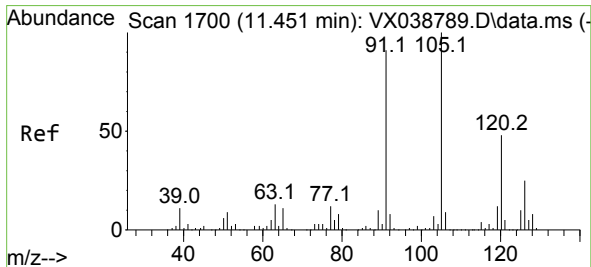
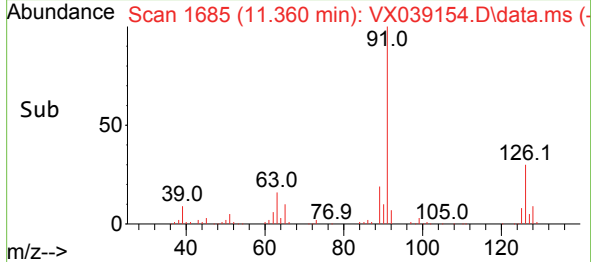
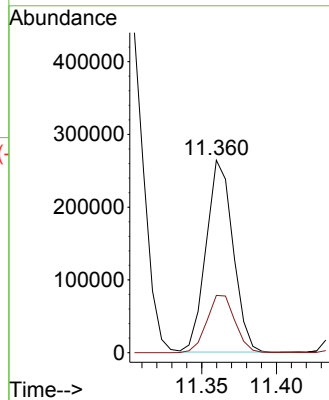
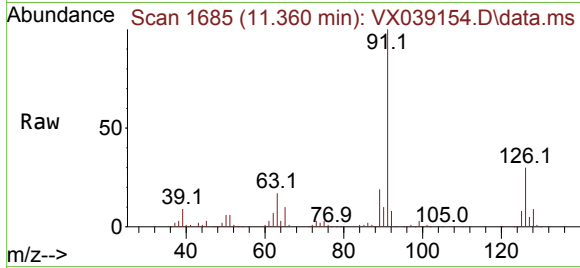




#79
2-Chlorotoluene
Concen: 53.509 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

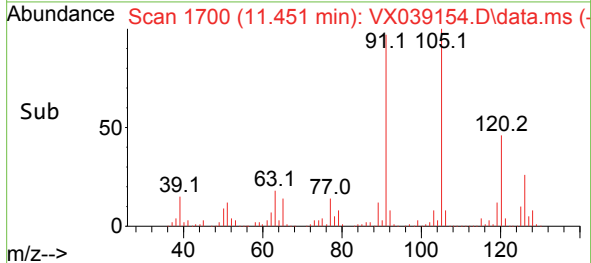
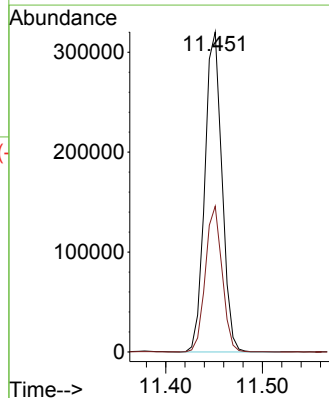
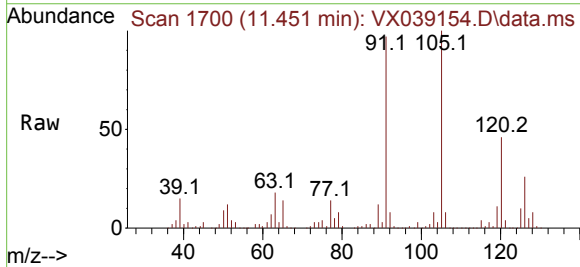
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

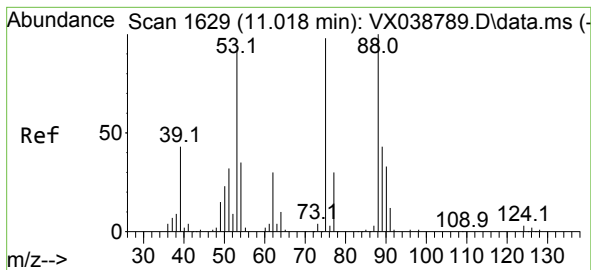
Tgt Ion: 91 Resp: 331018
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 55.434 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:105 Resp: 394717
Ion Ratio Lower Upper
105 100
120 44.6 24.1 72.3

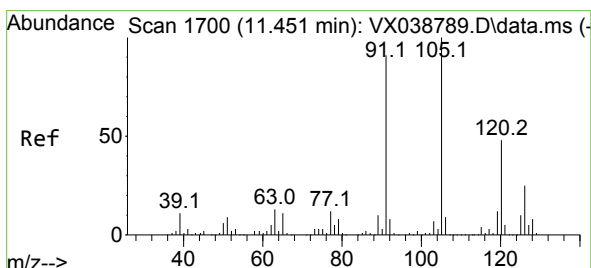
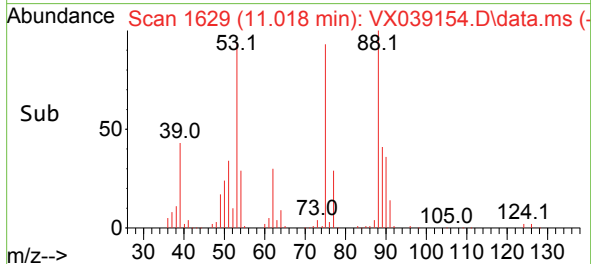
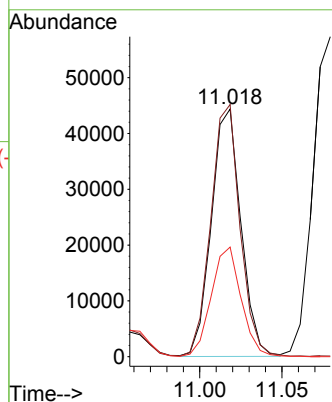
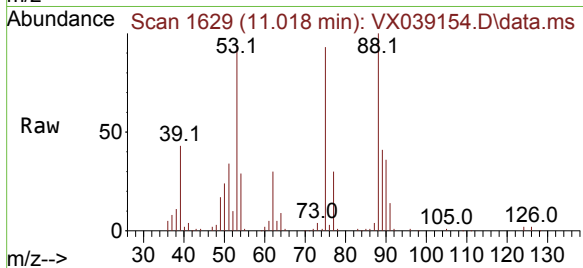




#81
trans-1,4-Dichloro-2-butene
Concen: 45.331 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

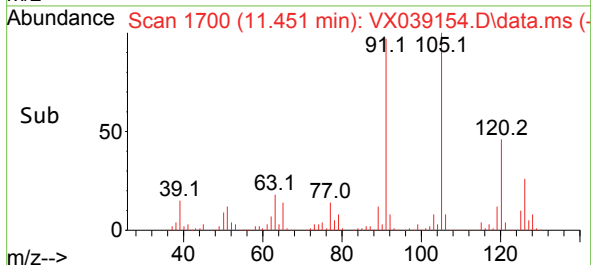
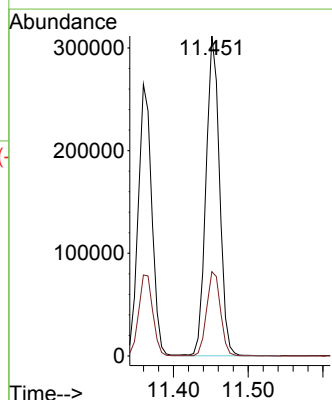
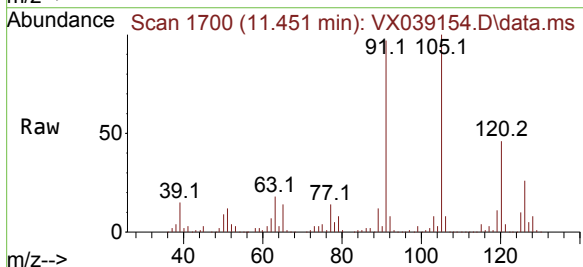
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

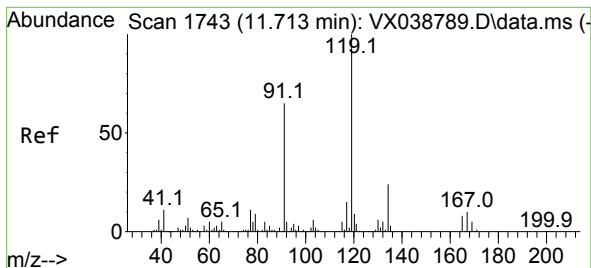
Tgt Ion: 75 Resp: 55421
Ion Ratio Lower Upper
75 100
53 100.3 90.5 135.7
89 44.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 54.978 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 91 Resp: 392160
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.068 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

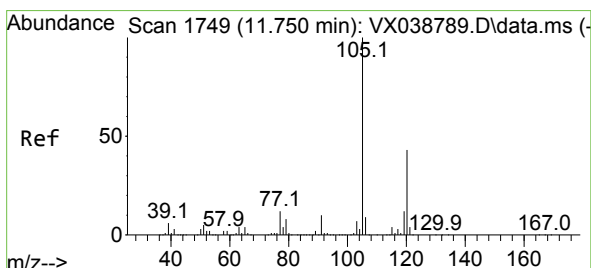
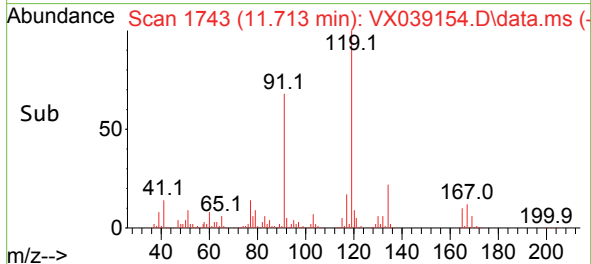
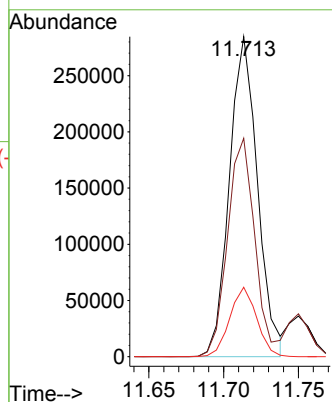
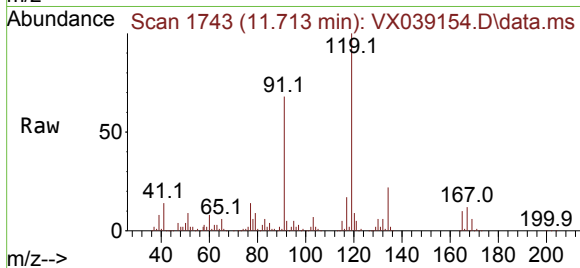
Tgt Ion:119 Resp: 372150

Ion Ratio Lower Upper

119 100

91 66.8 31.2 93.6

134 20.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 55.343 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039154.D

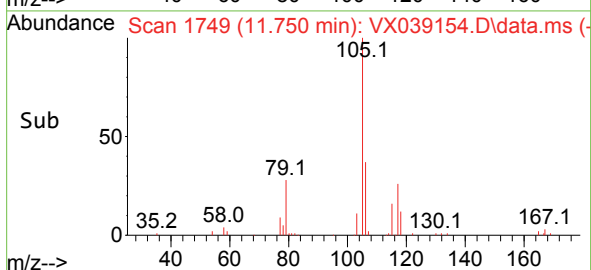
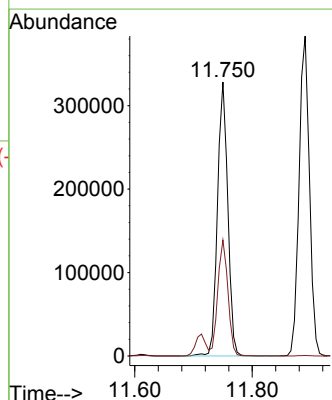
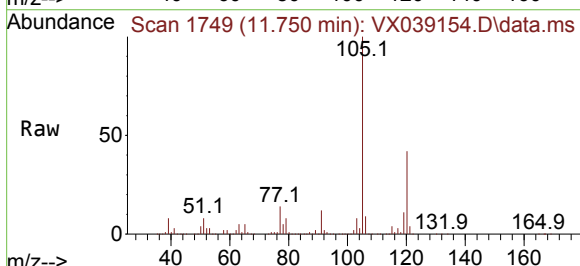
Acq: 12 Dec 2023 09:17

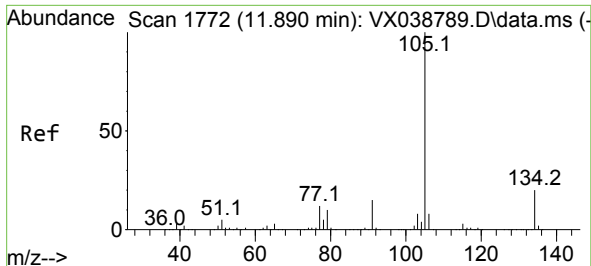
Tgt Ion:105 Resp: 398864

Ion Ratio Lower Upper

105 100

120 41.7 21.2 63.6

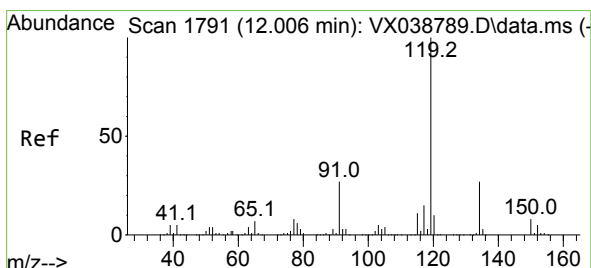
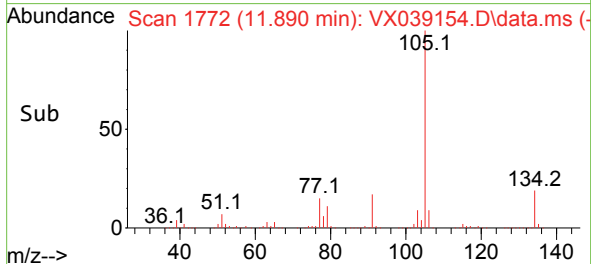
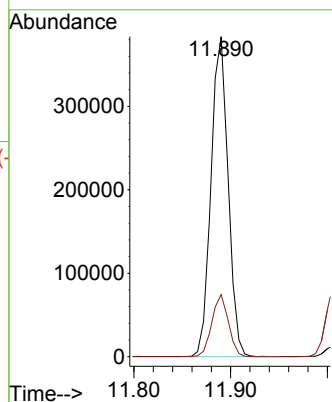
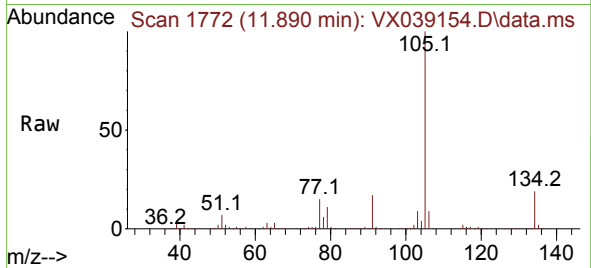




#85
 sec-Butylbenzene
 Concen: 51.250 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

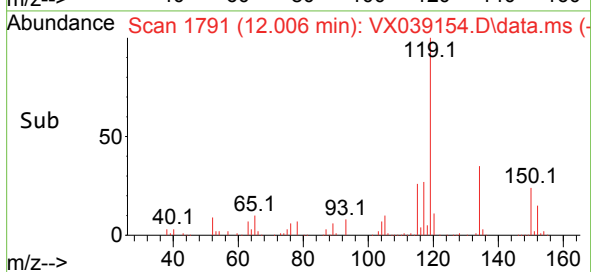
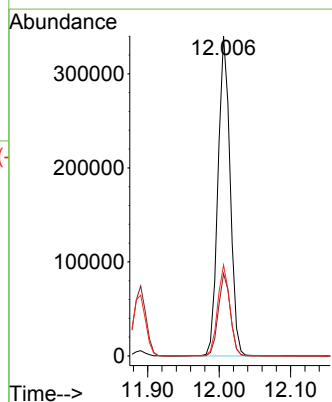
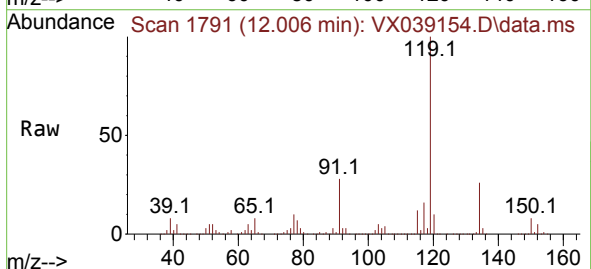
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

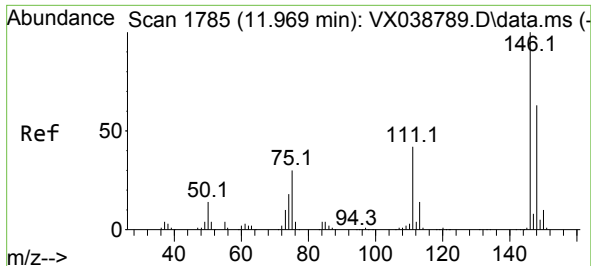
Tgt Ion:105 Resp: 470117
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 54.364 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Tgt Ion:119 Resp: 400313
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 28.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.011 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

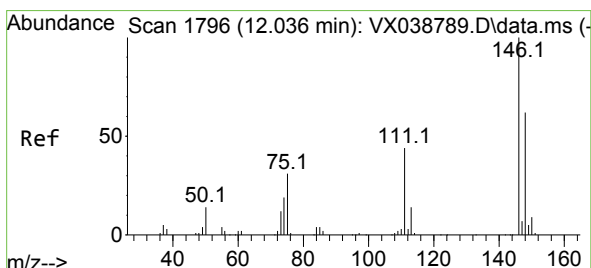
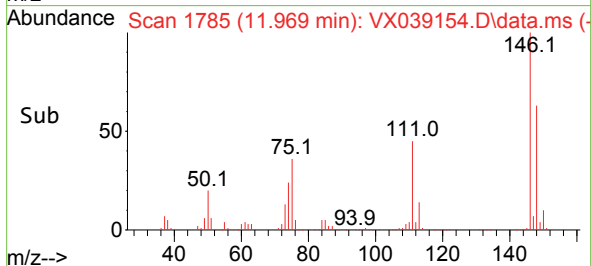
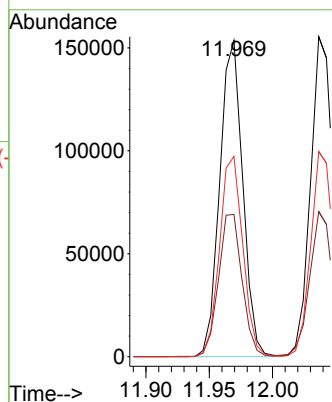
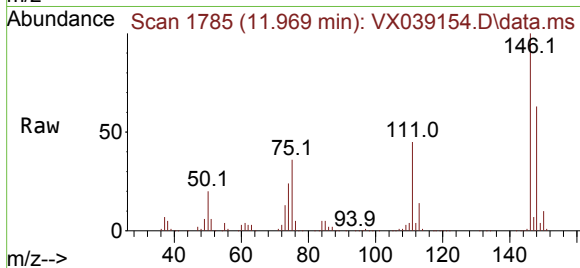
Tgt Ion:146 Resp: 193806

Ion Ratio Lower Upper

146 100

111 46.3 22.1 66.1

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.917 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

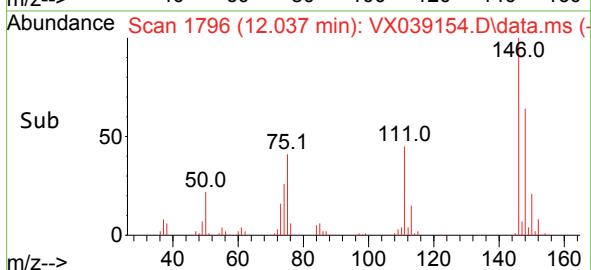
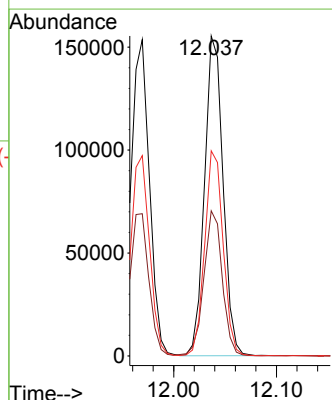
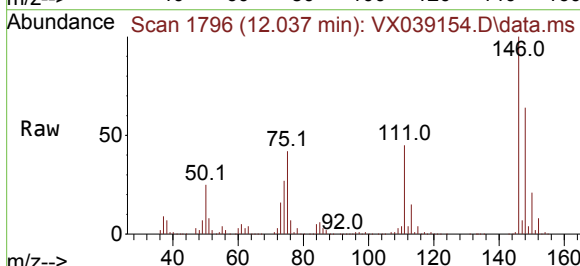
Tgt Ion:146 Resp: 194187

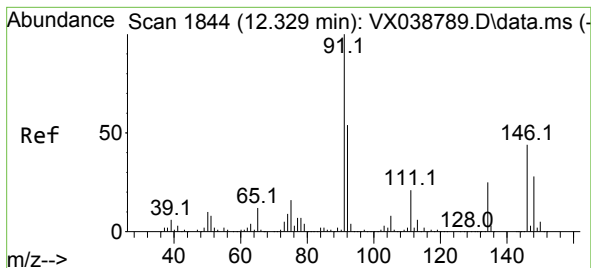
Ion Ratio Lower Upper

146 100

111 45.2 21.3 63.7

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 54.682 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

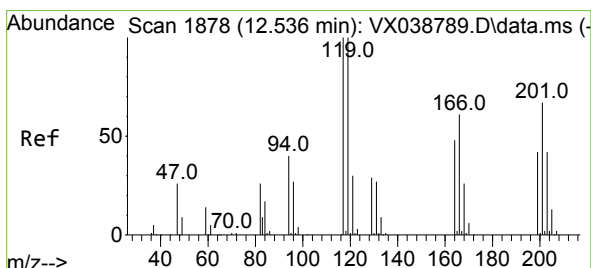
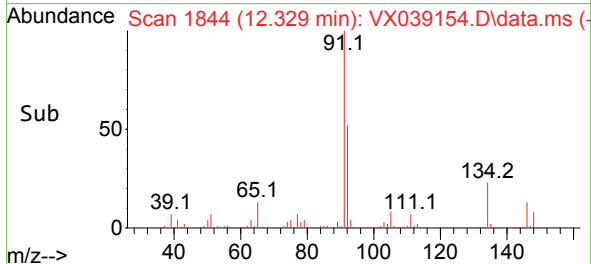
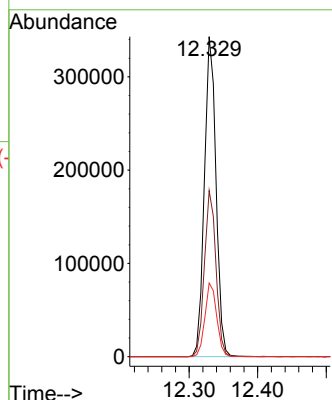
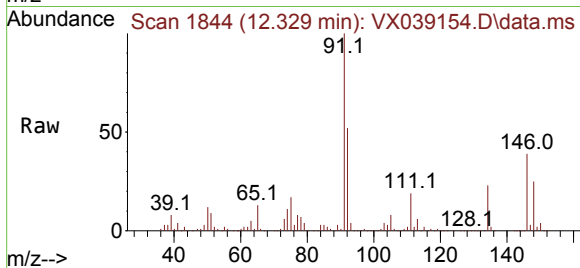
Tgt Ion: 91 Resp: 406256

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 50.874 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039154.D

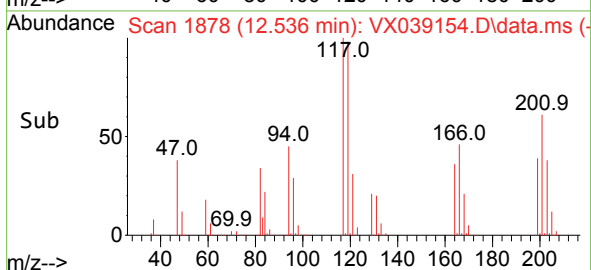
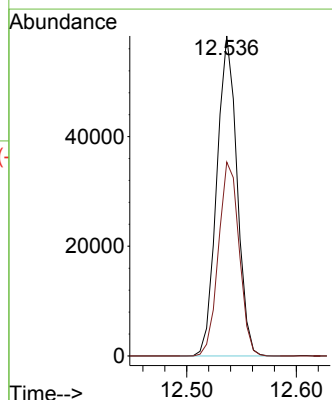
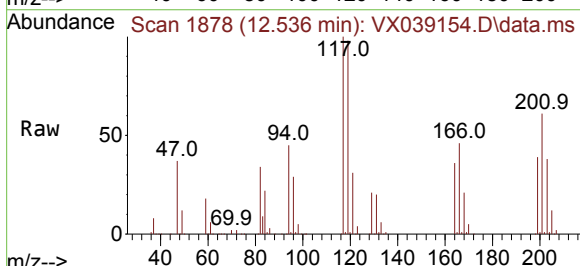
Acq: 12 Dec 2023 09:17

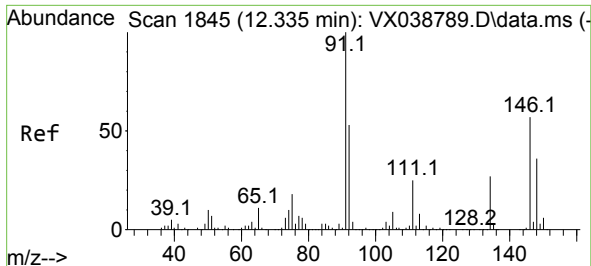
Tgt Ion: 117 Resp: 74810

Ion Ratio Lower Upper

117 100

201 61.8 32.9 98.6

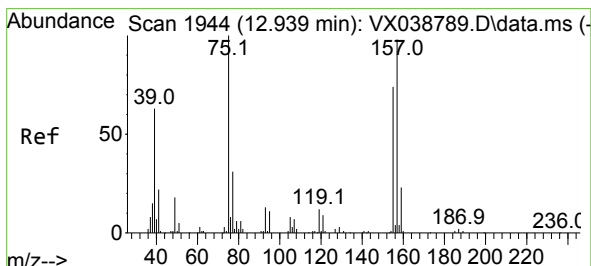
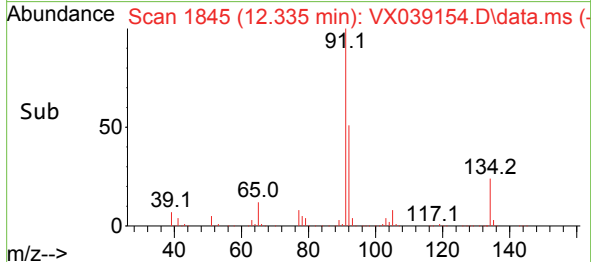
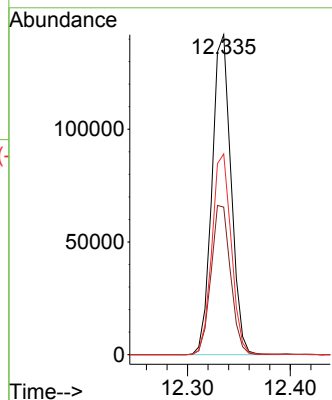
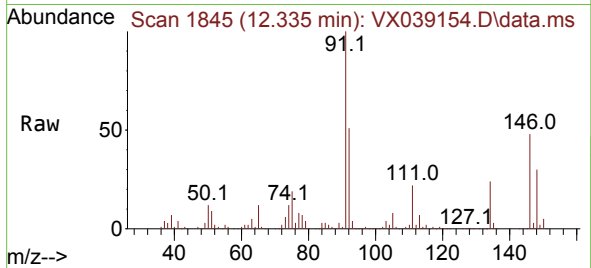




#91
1,2-Dichlorobenzene
Concen: 51.838 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

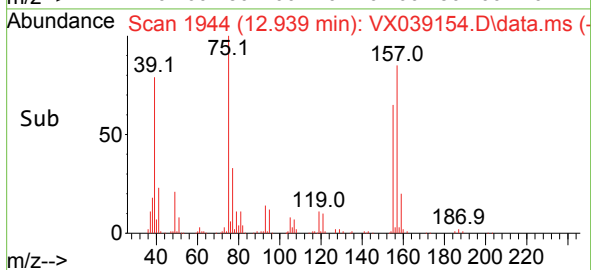
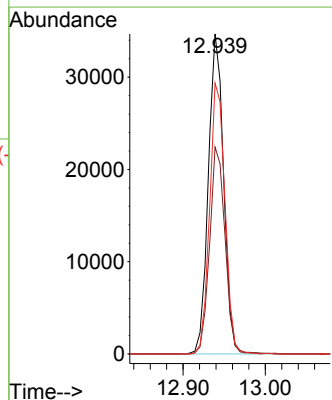
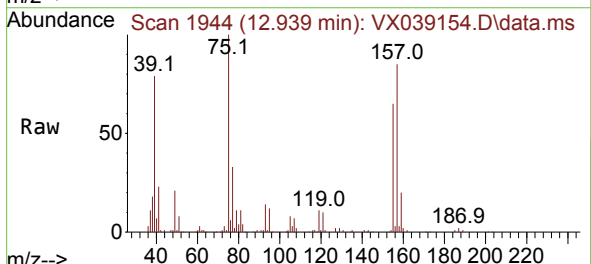
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

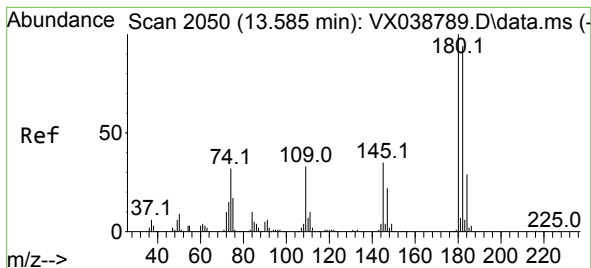
Tgt Ion:146 Resp: 183208
Ion Ratio Lower Upper
146 100
111 47.7 22.4 67.0
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.372 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 75 Resp: 44848
Ion Ratio Lower Upper
75 100
155 65.0 36.1 108.5
157 84.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.760 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

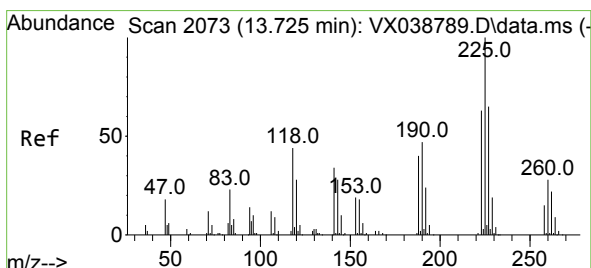
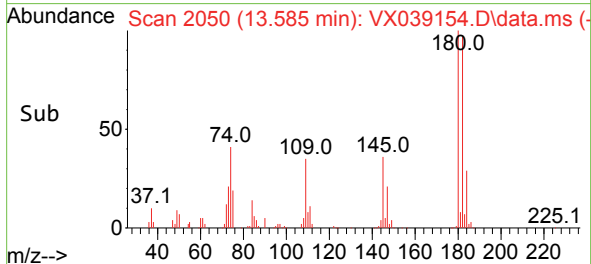
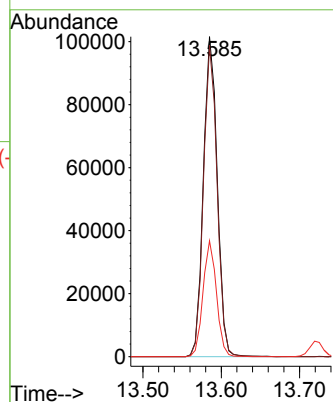
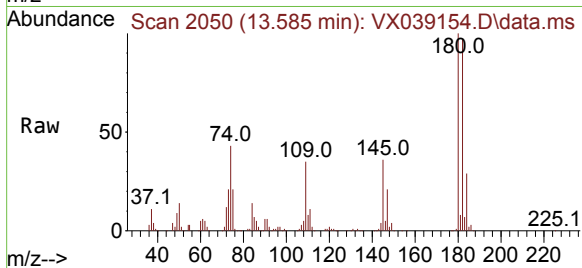
Tgt Ion:180 Resp: 124955

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 35.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 57.726 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

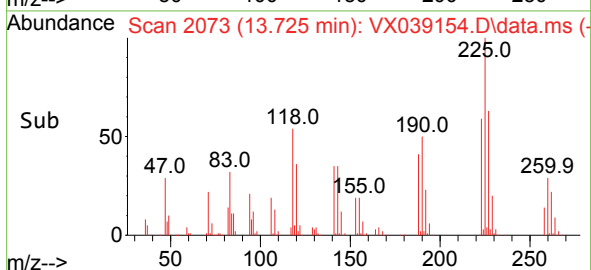
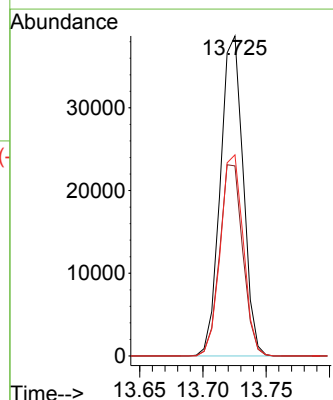
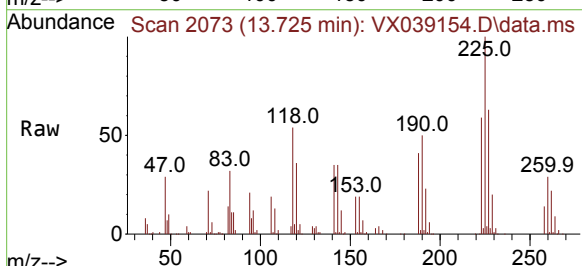
Tgt Ion:225 Resp: 48415

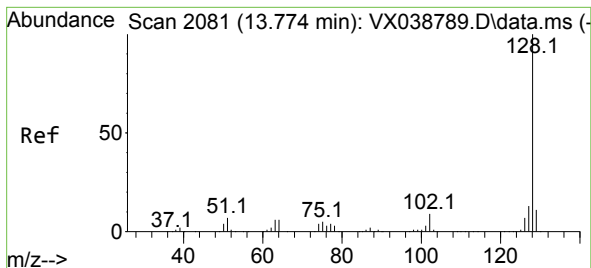
Ion Ratio Lower Upper

225 100

223 60.7 31.1 93.2

227 63.1 32.5 97.5





#95

Naphthalene

Concen: 50.072 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

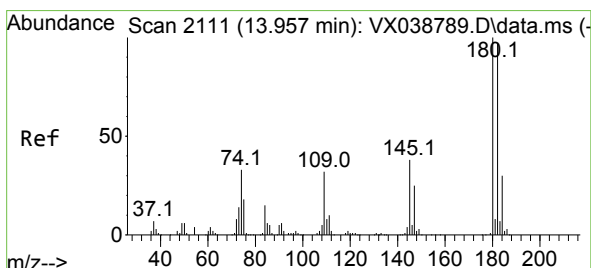
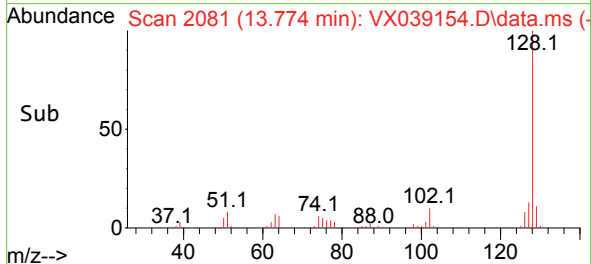
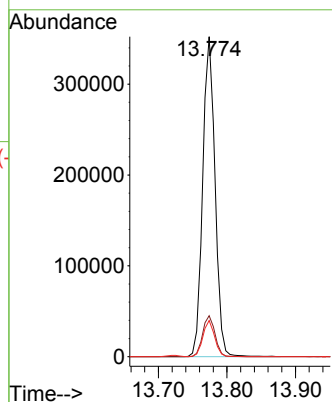
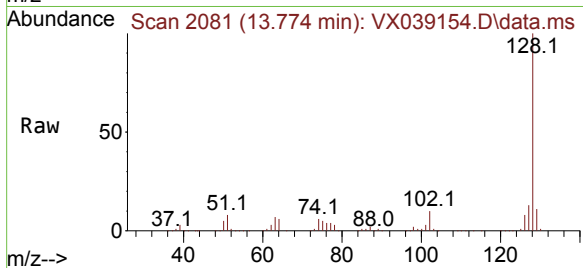
Tgt Ion:128 Resp: 441670

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.727 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion:180 Resp: 120623

Ion Ratio Lower Upper

180 100

182 93.3 46.9 140.6

145 37.5 17.8 53.5

