

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038157.D
 Acq On : 07 Oct 2023 04:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 07 06:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	10246	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	74504	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98775	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	41958	29.975	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.933%
60) 4-Bromofluorobenzene	11.079	95	59837	29.081	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.933%
63) Toluene-d8	8.647	98	119488	31.240	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24688	20.023	ug/l	98
3) Chloromethane	1.301	50	24803	20.309	ug/l	95
4) Vinyl Chloride	1.374	62	29606	20.696	ug/l	99
5) Bromomethane	1.612	94	29839	17.239	ug/l	99
6) Chloroethane	1.691	64	21769	17.877	ug/l	96
7) Trichlorofluoromethane	1.886	101	58004	19.038	ug/l	98
8) Diethyl Ether	2.136	74	22038	19.828	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	24095	20.705	ug/l	97
10) 1,1-Dichloroethene	2.319	96	23476	20.706	ug/l	96
11) Methyl Iodide	2.453	142	26001	15.389	ug/l	96
12) Methyl Acetate	2.703	43	71681	18.577	ug/l	99
13) Acrolein	2.233	56	17132	70.824	ug/l	93
14) Acrylonitrile	3.062	53	86839	96.024	ug/l	96
15) Acetone	2.380	58	23196	96.327	ug/l	95
16) Carbon Disulfide	2.514	76	59693	19.703	ug/l	96
17) Allyl chloride	2.666	41	35709	18.742	ug/l	90
18) Methylene Chloride	2.794	84	29002	19.619	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	27607	19.443	ug/l	99
20) Diisopropyl ether	3.757	45	82706	19.781	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	50873	19.992	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	32387	19.368	ug/l	97
23) tert-Butyl Alcohol	2.953	59	33845	85.148	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	86921	19.529	ug/l	97
25) Chloroform	5.099	83	54782	18.960	ug/l	95
26) Cyclohexane	5.471	56	42087	19.553	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	40210	20.399	ug/l	99
30) 2-Butanone	4.556	43	123949	97.830	ug/l	97
31) 2,2-Dichloropropane	4.471	77	23203	15.934	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	46305	19.660	ug/l	98
33) Carbon Tetrachloride	5.678	117	38946	19.516	ug/l	98
34) Benzene	6.044	78	117488	20.149	ug/l	96
35) Methacrylonitrile	4.922	41	24754	20.869	ug/l	92
36) 1,2-Dichloroethane	6.092	62	46800	20.688	ug/l	99
37) Trichloroethene	7.129	130	30985	20.176	ug/l	97
38) Methylcyclohexane	7.379	83	46301	19.719	ug/l	97
39) 1,2-Dichloropropane	7.434	63	29905	20.459	ug/l	97
40) Dibromomethane	7.580	93	23049	20.180	ug/l	96
41) Bromodichloromethane	7.824	83	39923	19.498	ug/l	99
42) Vinyl Acetate	3.721	43	287740	103.185	ug/l	100

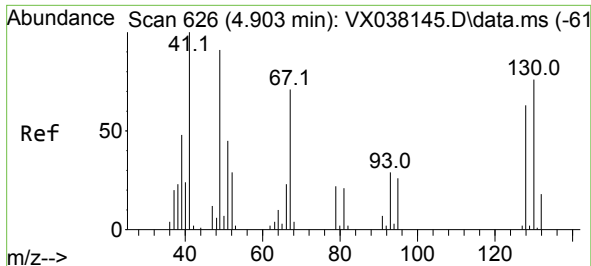
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	46455	20.041	ug/l	99
44) Isopropyl Acetate	6.342	43	70384	20.174	ug/l	100
45) 1,4-Dioxane	7.659	88	15004	338.409	ug/l #	1
46) Methyl methacrylate	7.696	41	33627	19.549	ug/l	96
47) n-amyl Acetate	10.842	43	61058	20.159	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	37739	17.932	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	41702	18.689	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	31907	19.787	ug/l	97
51) Ethyl methacrylate	9.116	69	46978	19.453	ug/l	98
52) 1,3-Dichloropropane	9.311	76	52942	20.189	ug/l	99
53) Dibromochloromethane	9.519	129	30725	19.234	ug/l	99
54) 1,2-Dibromoethane	9.610	107	34644	19.661	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	126063	103.423	ug/l	99
56) Bromoform	10.799	173	21586	18.081	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	255557	103.368	ug/l	99
59) 2-Hexanone	9.427	43	201381	101.314	ug/l	99
61) Tetrachloroethene	9.275	164	28310	20.976	ug/l	97
62) Toluene	8.720	91	134628	20.457	ug/l	99
64) Chlorobenzene	10.079	112	83164	20.180	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	28611	19.916	ug/l	99
66) Ethyl Benzene	10.195	91	148405	19.887	ug/l	99
67) m/p-Xylenes	10.299	106	112936	39.010	ug/l	94
68) o-Xylene	10.640	106	55529	19.768	ug/l	96
69) Styrene	10.659	104	91855	19.679	ug/l	98
70) Isopropylbenzene	10.963	105	148072	19.988	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	55020	20.150	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	55392	22.306	ug/l	92
73) Bromobenzene	11.195	156	35559	19.385	ug/l	97
74) n-propylbenzene	11.305	91	179933	19.987	ug/l	98
75) 2-Chlorotoluene	11.366	91	105018	19.853	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	125144	19.331	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	10854	16.057	ug/l	94
78) 4-Chlorotoluene	11.451	91	123045	19.560	ug/l	99
79) tert-butylbenzene	11.713	119	119915	19.500	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	126717	20.047	ug/l	97
81) sec-Butylbenzene	11.890	105	159649	19.845	ug/l	98
82) p-Isopropyltoluene	12.012	119	128816	19.369	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	69609	19.457	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	71830	19.719	ug/l	100
85) n-Butylbenzene	12.335	91	122642	19.326	ug/l	98
86) Hexachloroethane	12.536	117	20898	19.008	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	68385	19.721	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12642	19.992	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	45253	20.102	ug/l	98
90) Hexachlorobutadiene	13.725	225	18274	20.181	ug/l	99
91) Naphthalene	13.774	128	159754	20.721	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	45391	20.598	ug/l	99

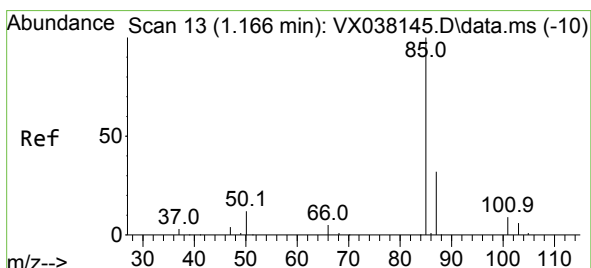
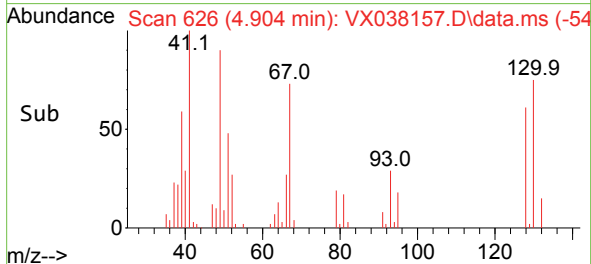
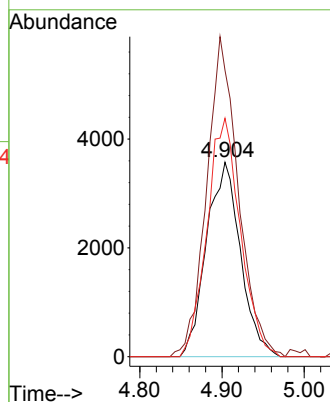
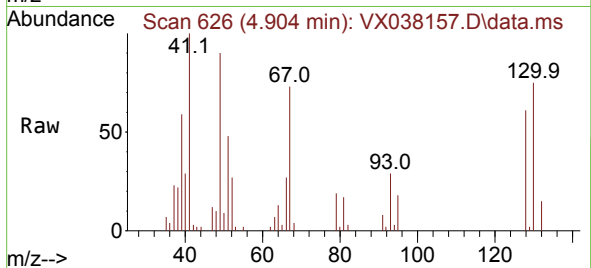
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

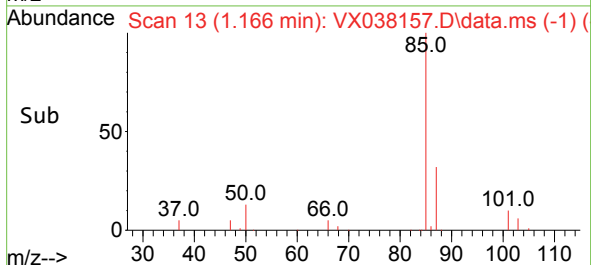
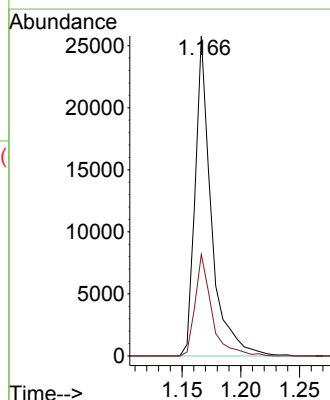
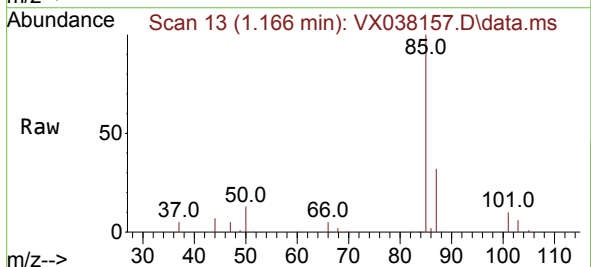
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

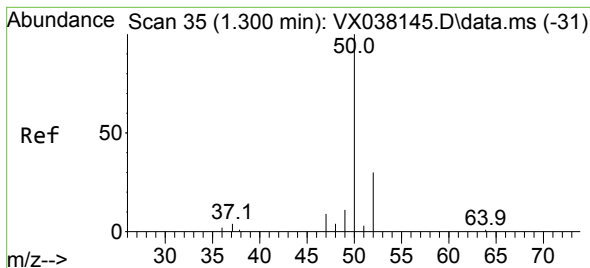
Tgt Ion:128 Resp: 10246
Ion Ratio Lower Upper
128 100
49 154.0 0.0 406.3
130 120.7 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 20.023 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 85 Resp: 24688
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.4





#3

Chloromethane

Concen: 20.309 ug/l

RT: 1.301 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

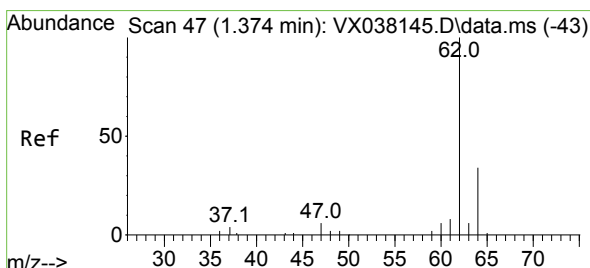
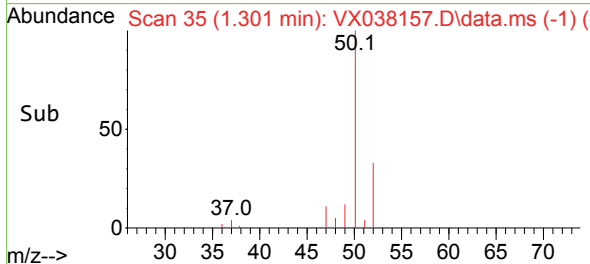
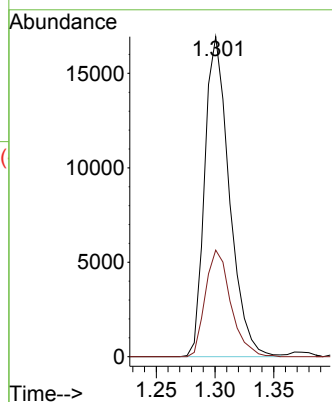
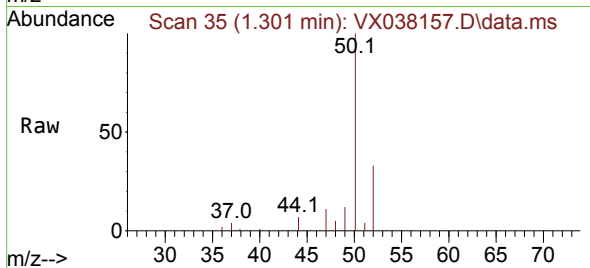
VSTDCCC020EC

Tgt Ion: 50 Resp: 24803

Ion Ratio Lower Upper

50 100

52 33.3 24.5 36.7



#4

Vinyl Chloride

Concen: 20.696 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038157.D

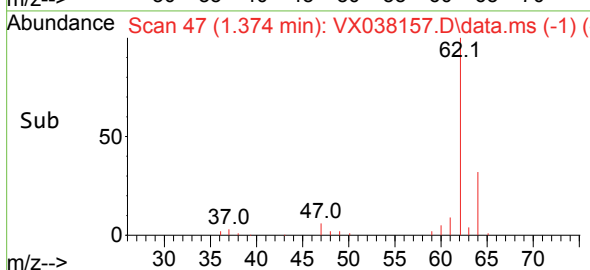
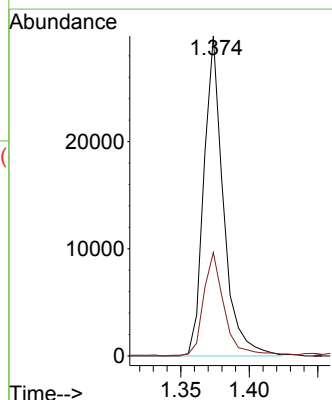
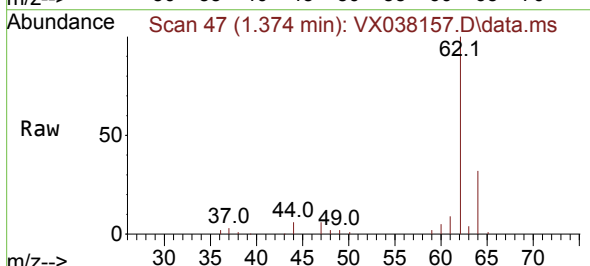
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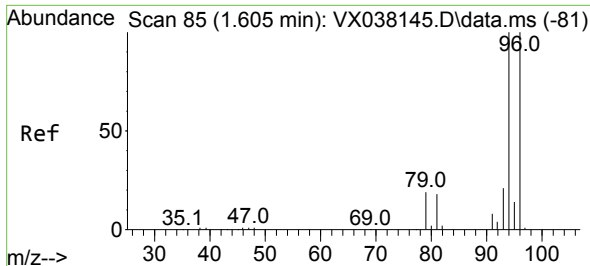
Tgt Ion: 62 Resp: 29606

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9

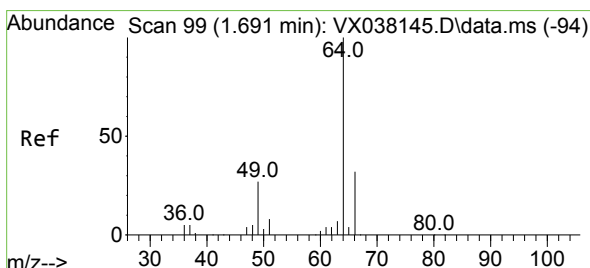
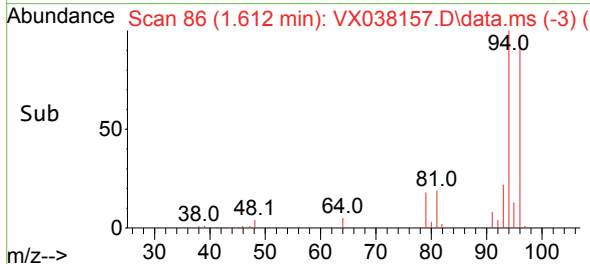
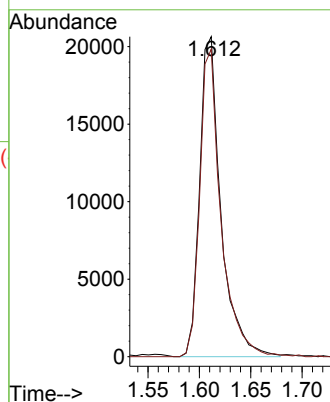
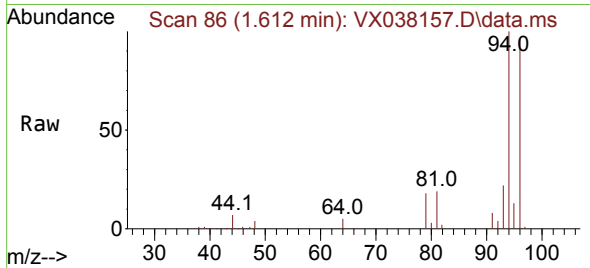




#5
Bromomethane
Concen: 17.239 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

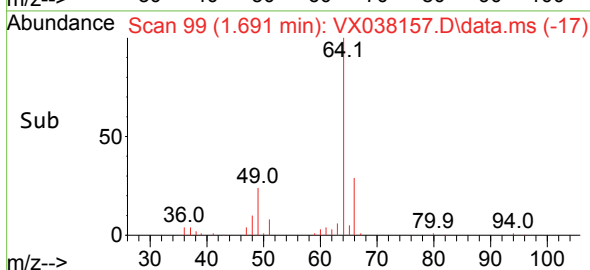
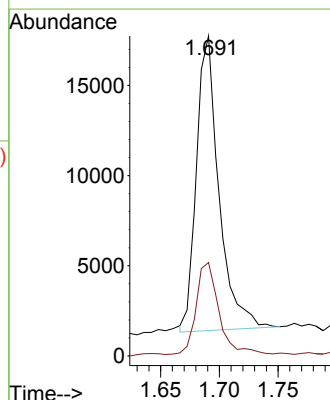
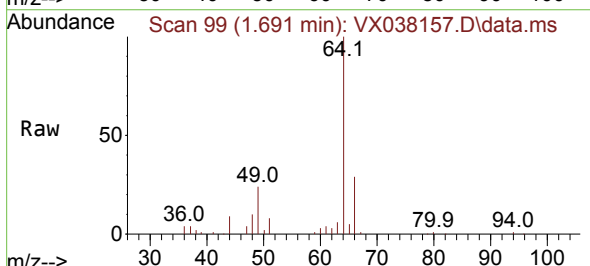
Instrument :
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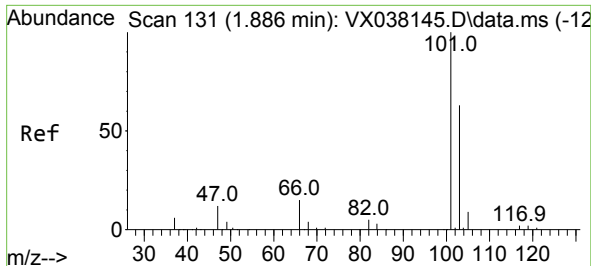
Tgt Ion: 94 Resp: 29839
Ion Ratio Lower Upper
94 100
96 96.1 77.4 116.2



#6
Chloroethane
Concen: 17.877 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 64 Resp: 21769
Ion Ratio Lower Upper
64 100
66 31.1 23.1 34.7

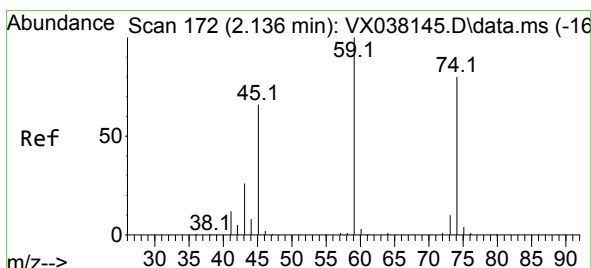
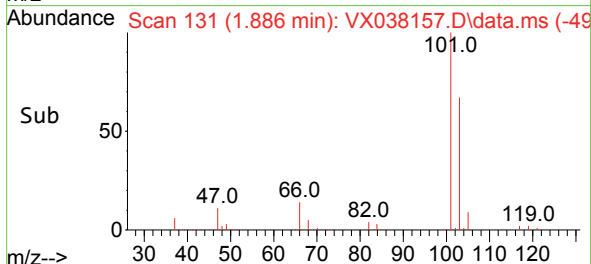
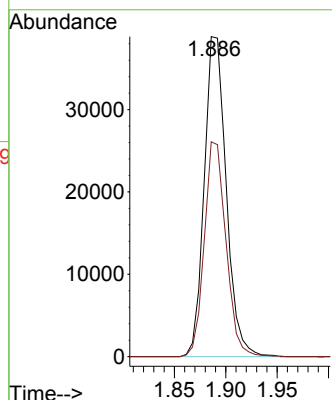
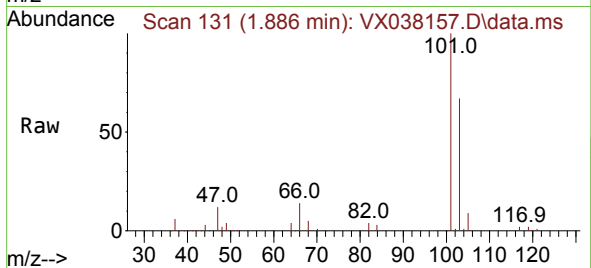




#7
 Trichlorofluoromethane
 Concen: 19.038 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

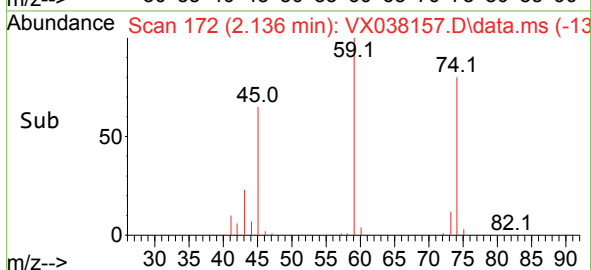
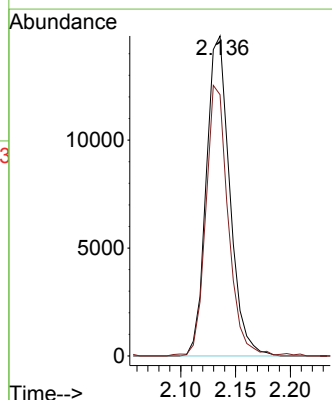
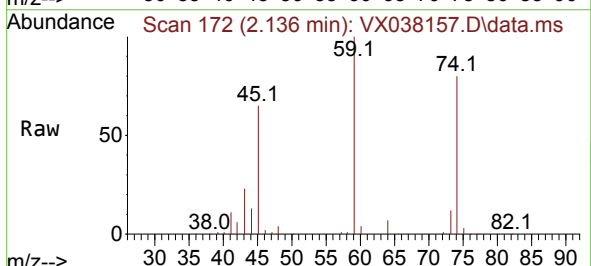
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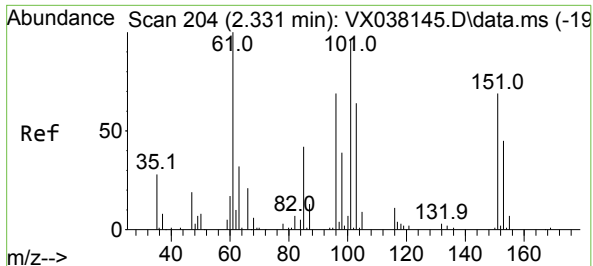
Tgt Ion:101 Resp: 58004
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 19.828 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

Tgt Ion: 74 Resp: 22038
 Ion Ratio Lower Upper
 74 100
 45 80.3 19.9 178.9

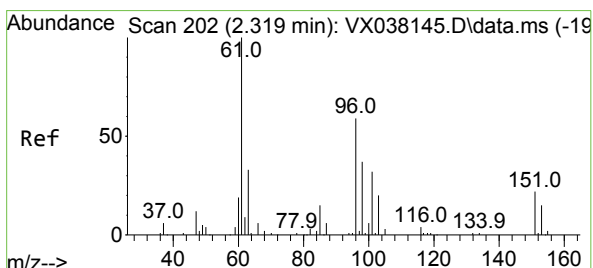
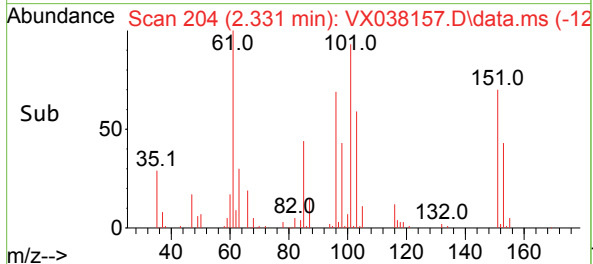
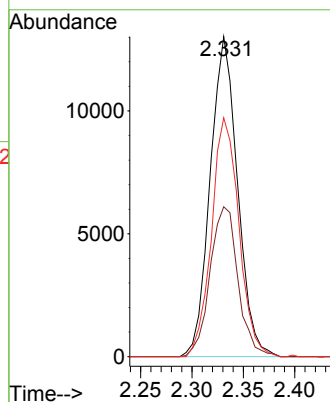
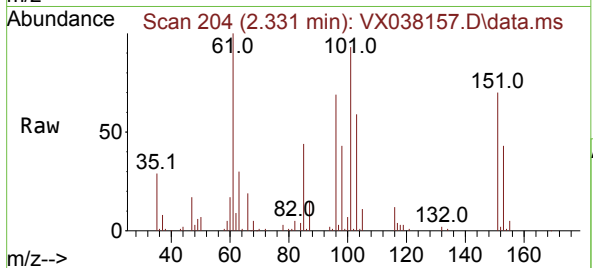




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.705 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

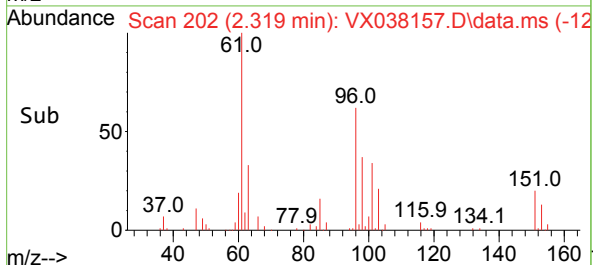
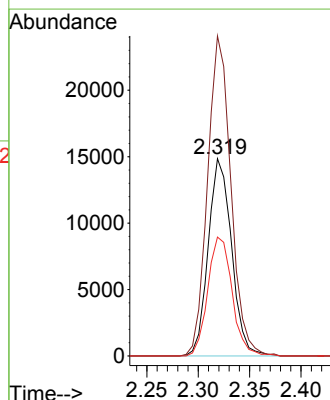
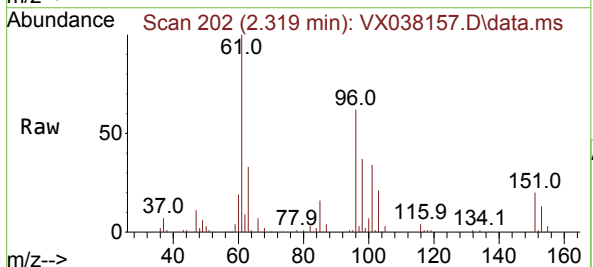
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

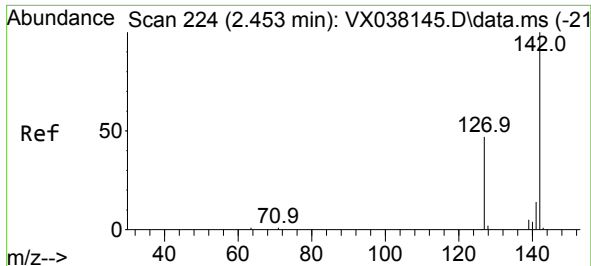
Tgt Ion:101 Resp: 24095
 Ion Ratio Lower Upper
 101 100
 85 48.0 0.0 91.0
 151 74.8 0.0 155.4



#10
 1,1-Dichloroethene
 Concen: 20.706 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

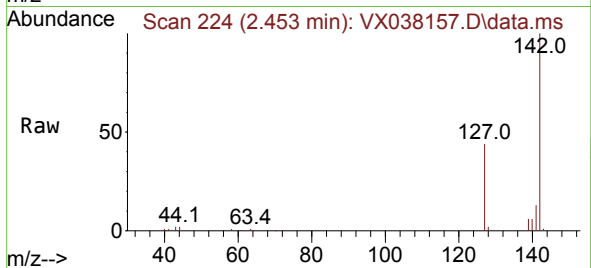
Tgt Ion: 96 Resp: 23476
 Ion Ratio Lower Upper
 96 100
 61 162.2 127.2 190.8
 98 60.3 52.7 79.1



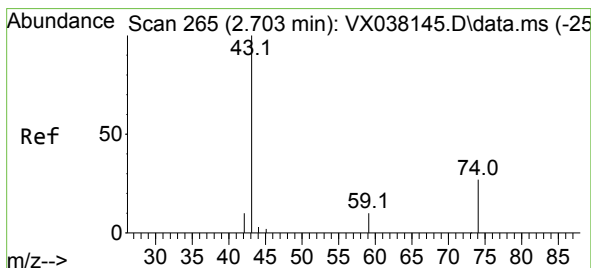
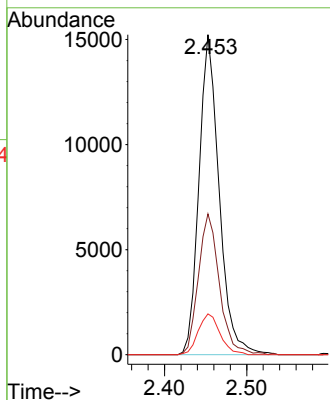
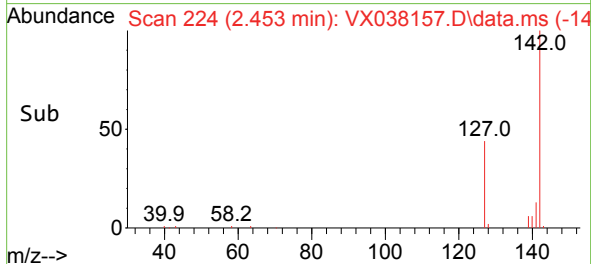


#11
Methyl Iodide
Concen: 15.389 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

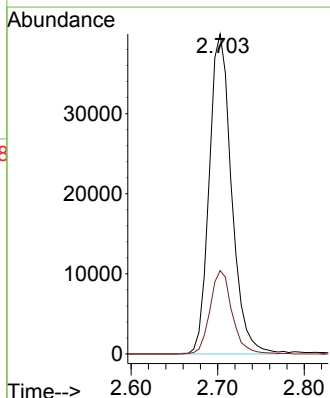
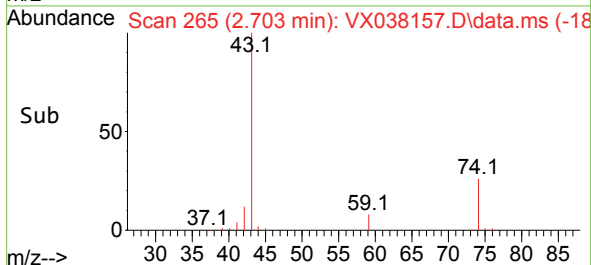
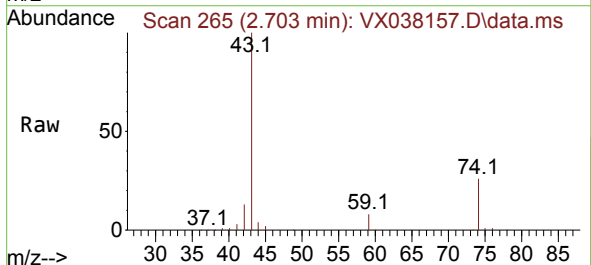


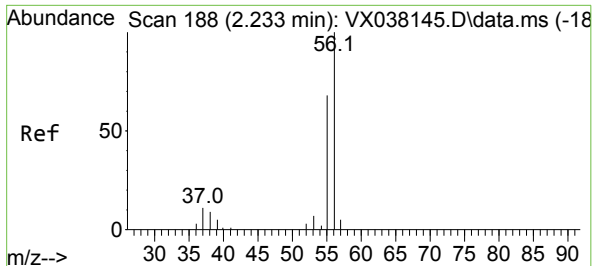
Tgt Ion:142 Resp: 26001
Ion Ratio Lower Upper
142 100
127 44.0 22.9 68.8
141 12.8 7.5 22.6



#12
Methyl Acetate
Concen: 18.577 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 71681
Ion Ratio Lower Upper
43 100
74 26.1 20.3 30.5

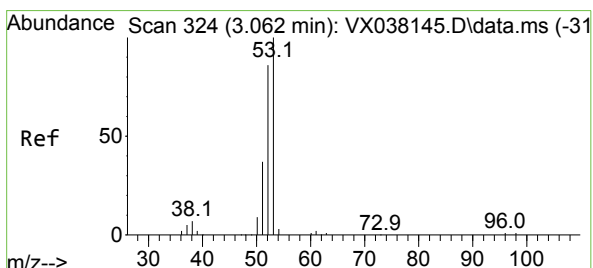
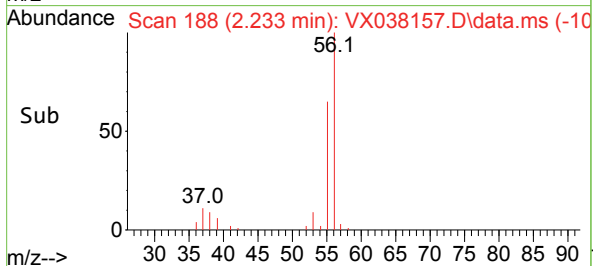
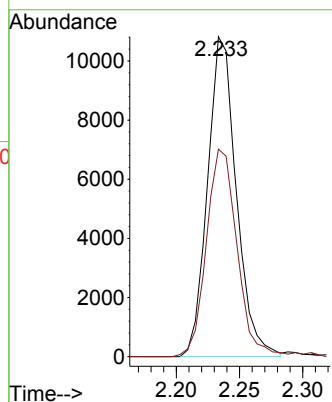
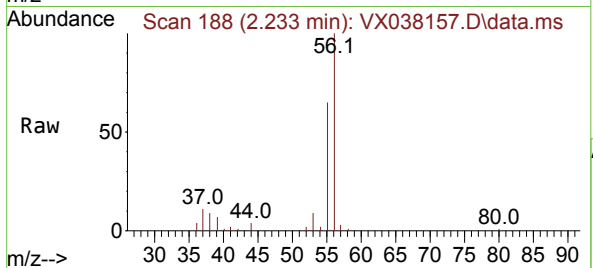




#13
Acrolein
Concen: 70.824 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

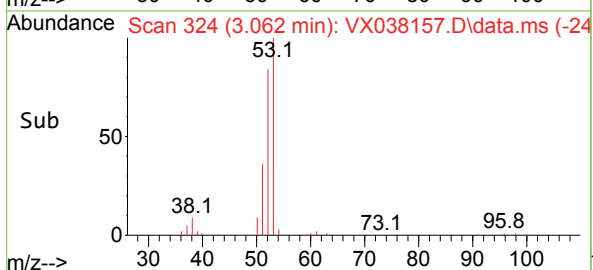
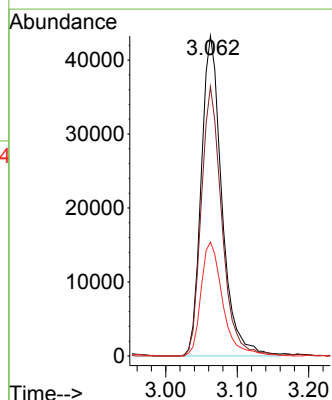
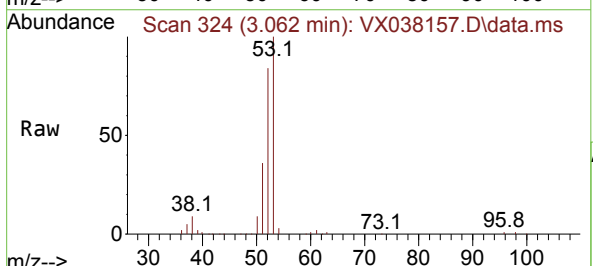
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

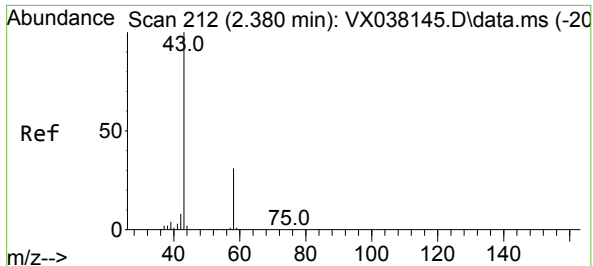
Tgt Ion: 56 Resp: 17132
Ion Ratio Lower Upper
56 100
55 68.9 59.7 89.5



#14
Acrylonitrile
Concen: 96.024 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 53 Resp: 86839
Ion Ratio Lower Upper
53 100
52 83.9 40.0 119.9
51 37.4 18.2 54.6





#15

Acetone

Concen: 96.327 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

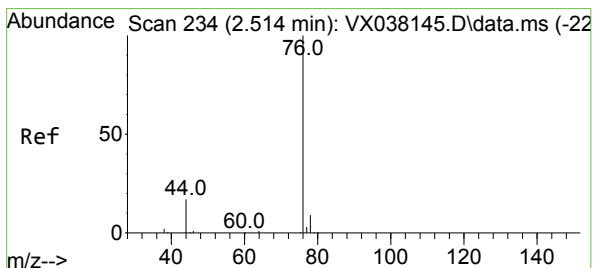
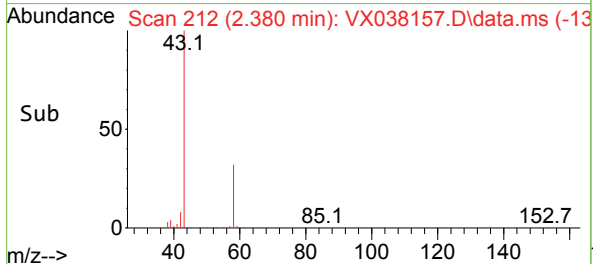
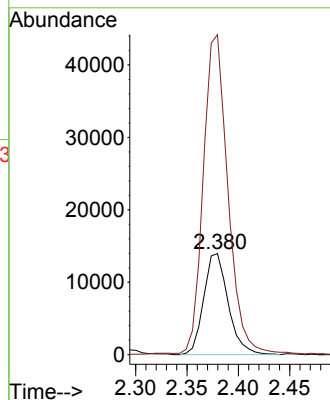
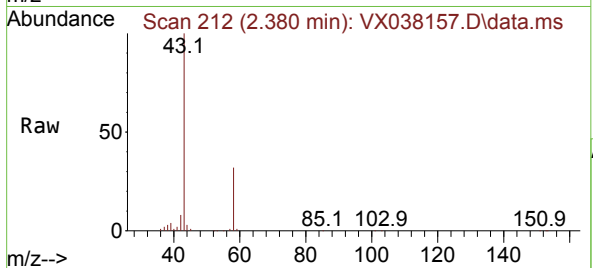
VSTDCCC020EC

Tgt Ion: 58 Resp: 23196

Ion Ratio Lower Upper

58 100

43 315.0 261.0 391.4



#16

Carbon Disulfide

Concen: 19.703 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038157.D

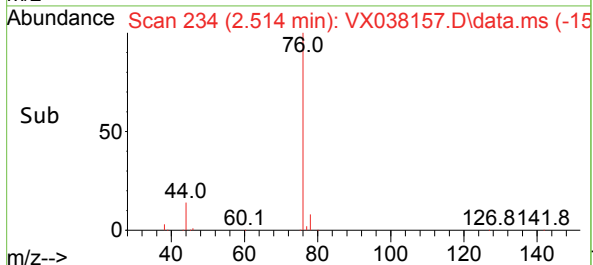
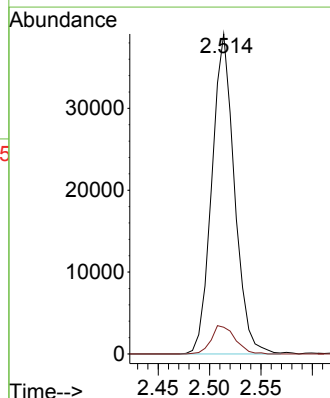
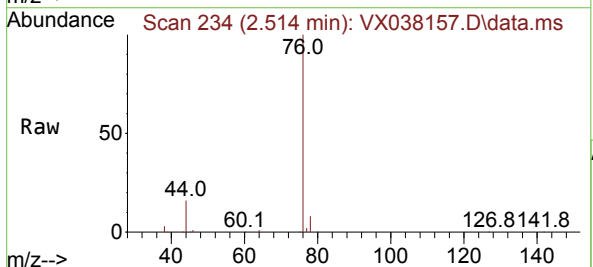
Acq: 07 Oct 2023 04:29

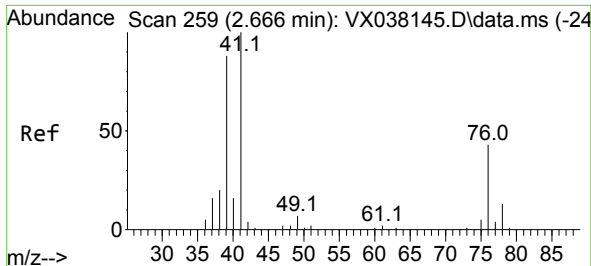
Tgt Ion: 76 Resp: 59693

Ion Ratio Lower Upper

76 100

78 8.4 8.0 12.0





#17

Allyl chloride

Concen: 18.742 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

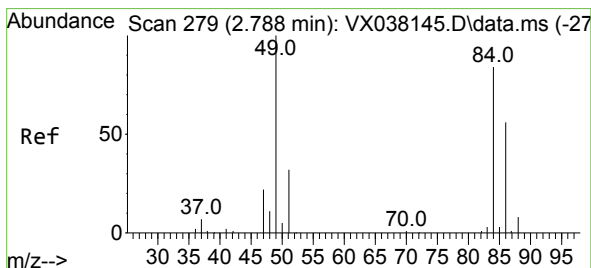
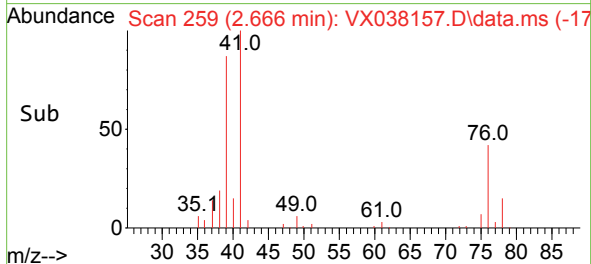
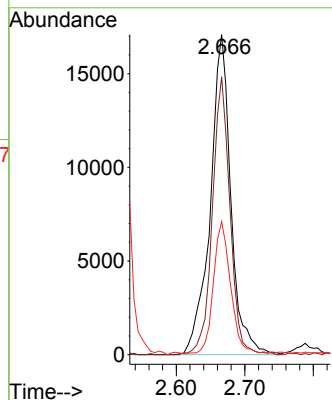
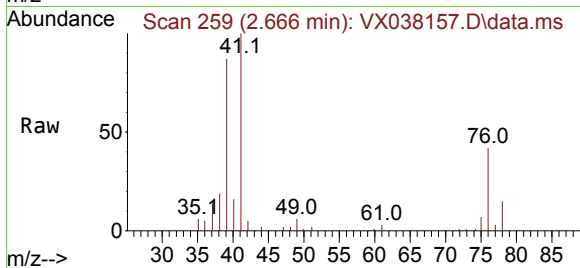
Tgt Ion: 41 Resp: 35709

Ion Ratio Lower Upper

41 100

39 86.9 38.5 115.3

76 41.1 18.6 55.8



#18

Methylene Chloride

Concen: 19.619 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion: 84 Resp: 29002

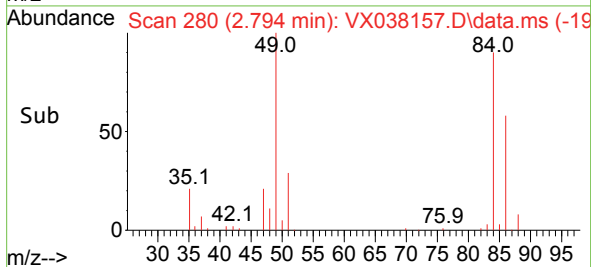
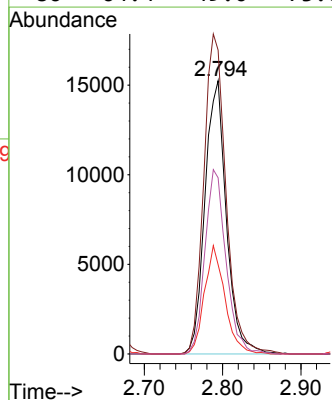
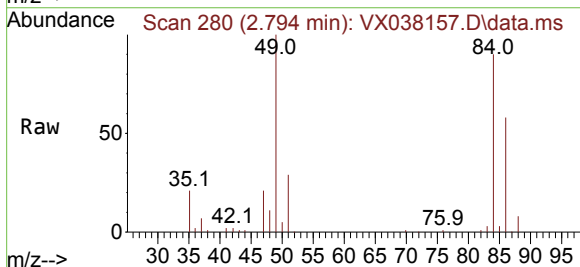
Ion Ratio Lower Upper

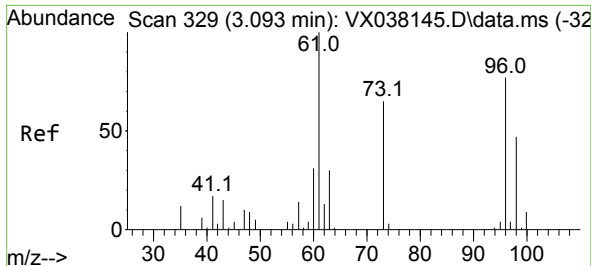
84 100

49 111.2 95.4 143.0

51 32.7 28.3 42.5

86 64.4 49.0 73.6

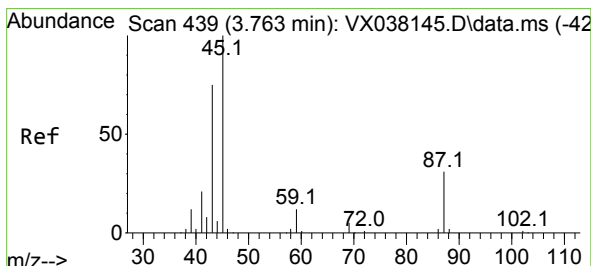
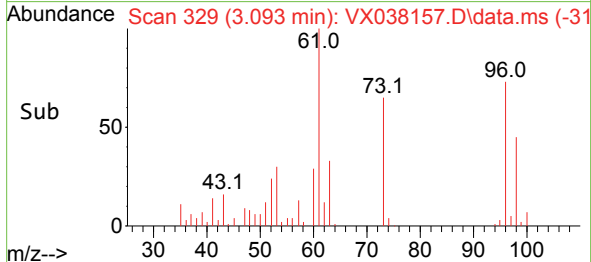
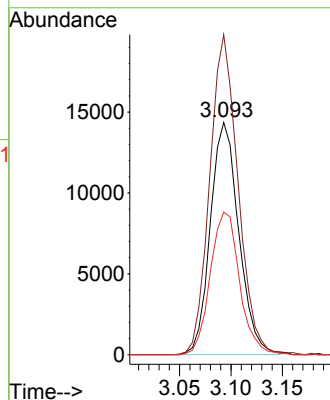
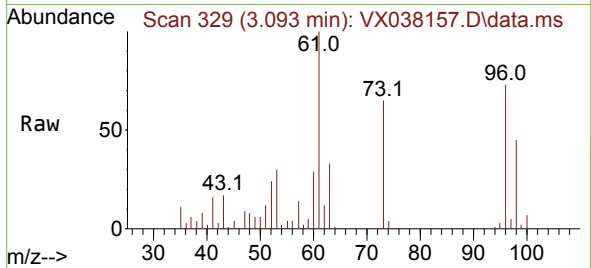




#19
trans-1,2-Dichloroethene
Concen: 19.443 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

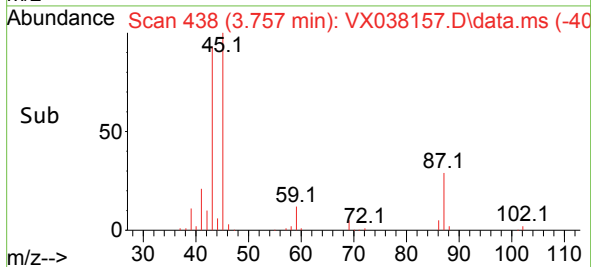
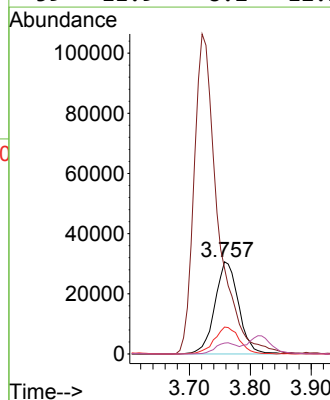
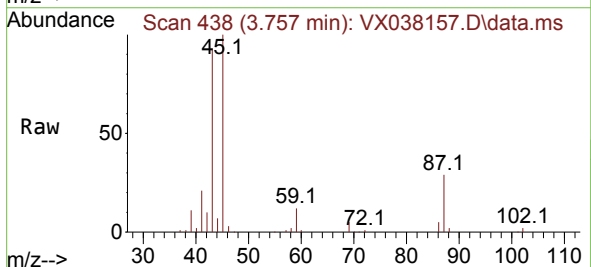
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

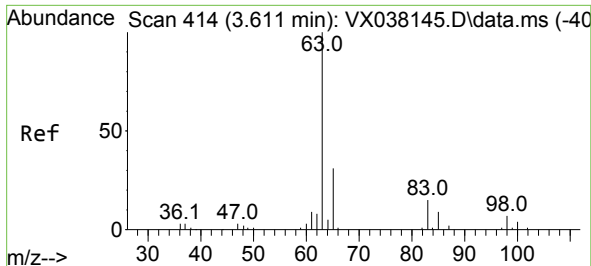
Tgt Ion: 96 Resp: 27607
Ion Ratio Lower Upper
96 100
61 137.4 108.7 163.1
98 61.4 49.1 73.7



#20
Diisopropyl ether
Concen: 19.781 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 45 Resp: 82706
Ion Ratio Lower Upper
45 100
43 90.3 55.8 83.6#
87 29.2 23.0 34.4
59 11.9 8.2 12.2

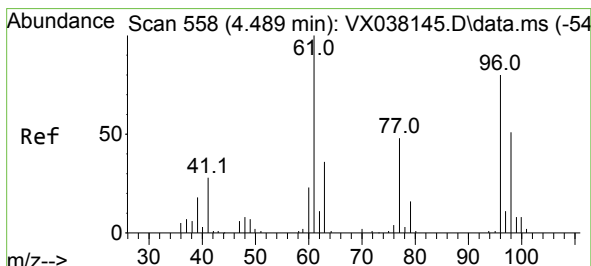
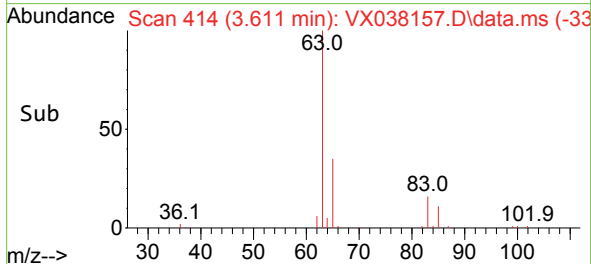
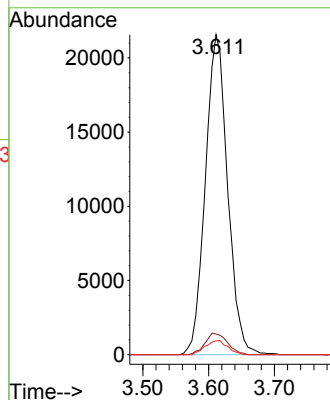
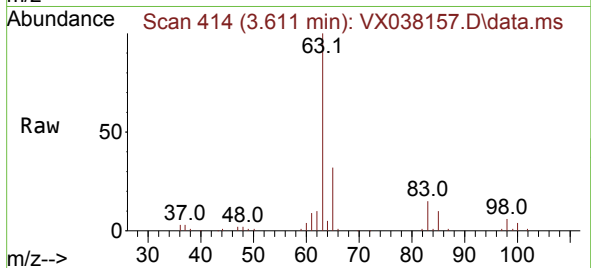




#21
1,1-Dichloroethane
Concen: 19.992 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

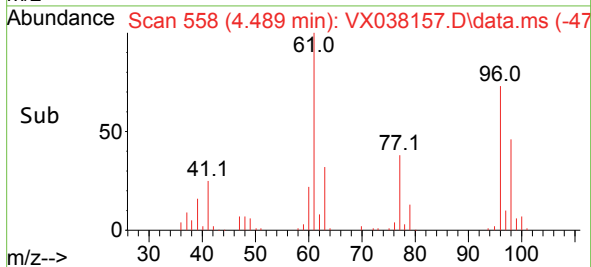
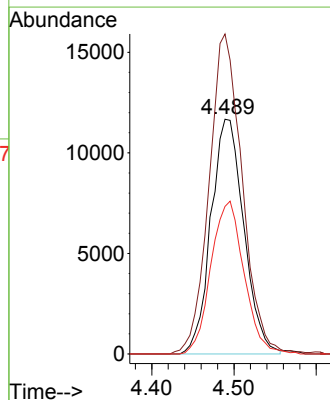
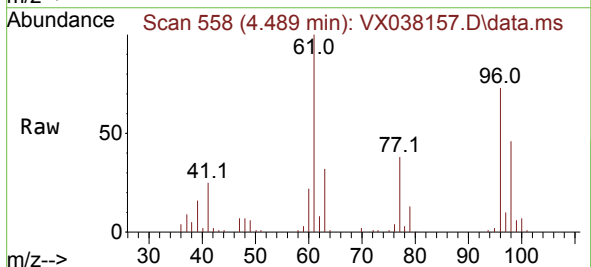
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

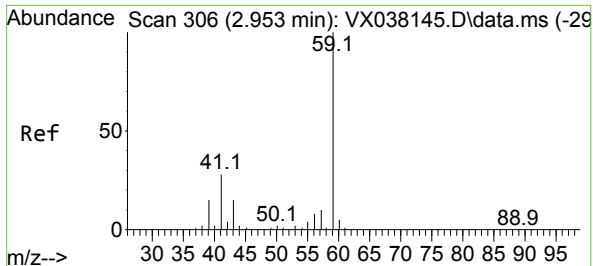
Tgt Ion: 63 Resp: 50873
Ion Ratio Lower Upper
63 100
98 6.5 3.2 9.6
100 4.3 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.368 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 96 Resp: 32387
Ion Ratio Lower Upper
96 100
61 137.4 114.0 171.0
98 65.6 51.6 77.4

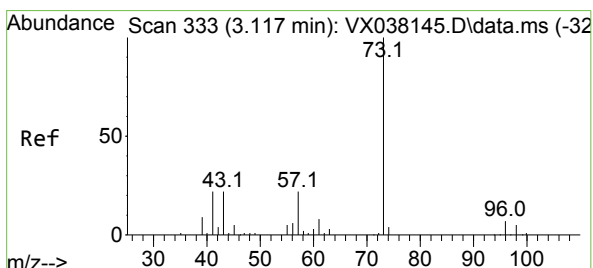
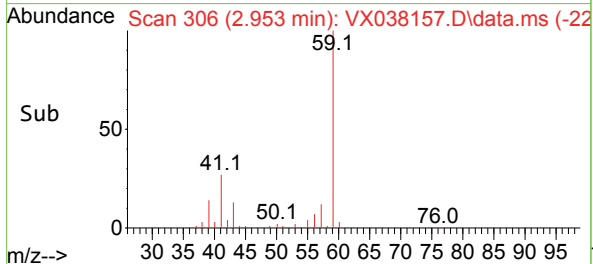
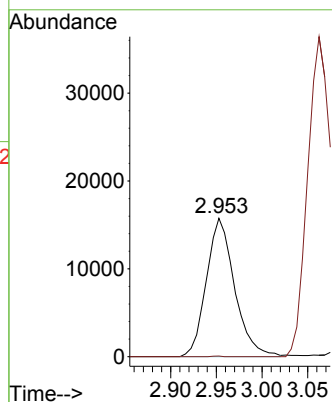
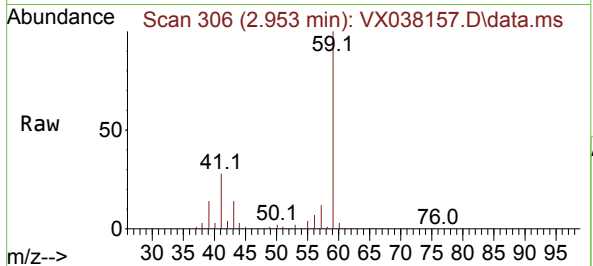




#23
tert-Butyl Alcohol
Concen: 85.148 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

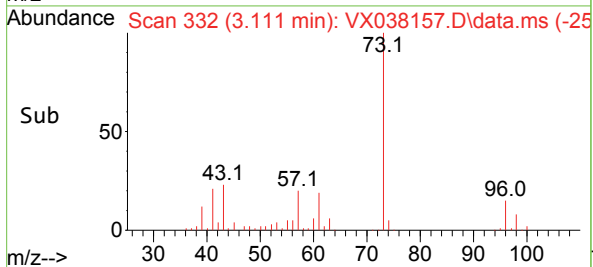
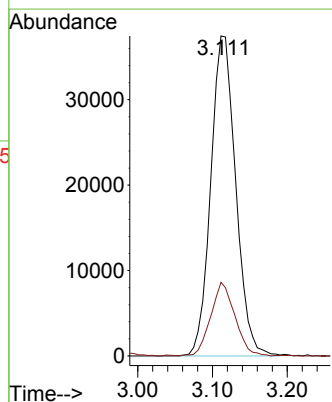
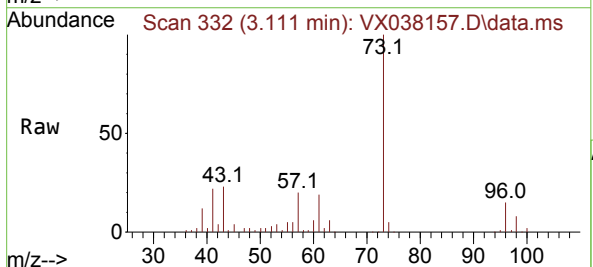
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

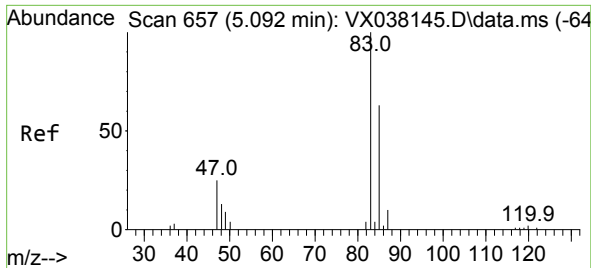
Tgt Ion: 59 Resp: 33845
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8#



#24
Methyl tert-Butyl Ether
Concen: 19.529 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 73 Resp: 86921
Ion Ratio Lower Upper
73 100
43 22.2 16.8 25.2

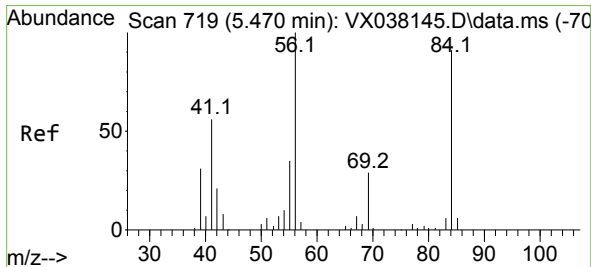
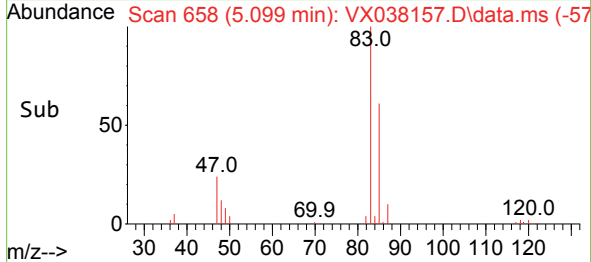
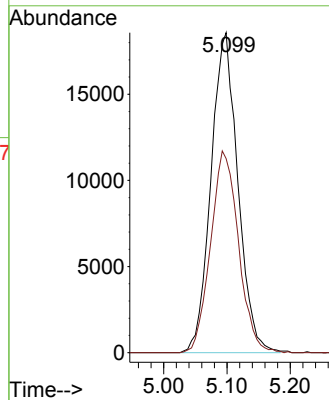
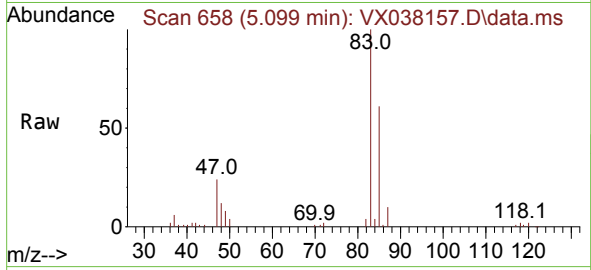




#25
Chloroform
Concen: 18.960 ug/l
RT: 5.099 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

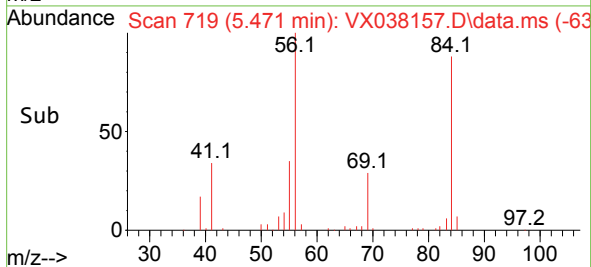
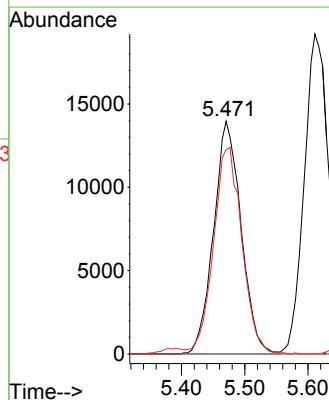
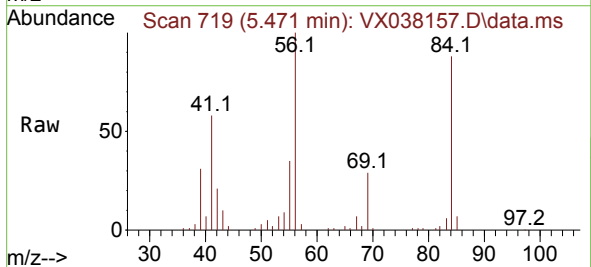
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

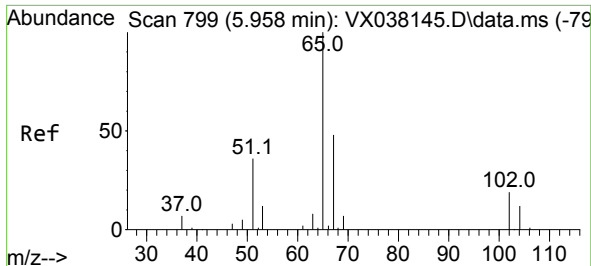
Tgt Ion: 83 Resp: 54782
Ion Ratio Lower Upper
83 100
85 60.7 51.5 77.3



#26
Cyclohexane
Concen: 19.553 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 56 Resp: 42087
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.6 71.4 107.2

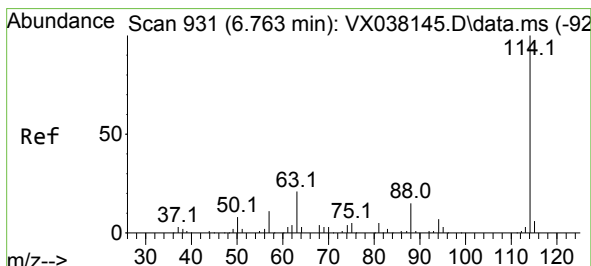
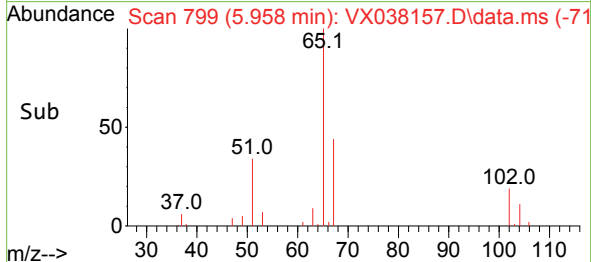
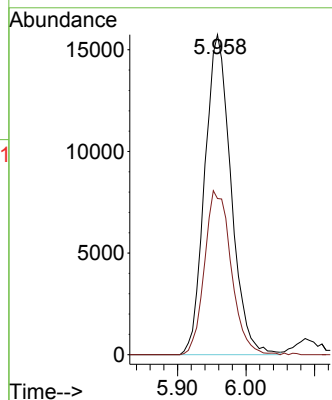
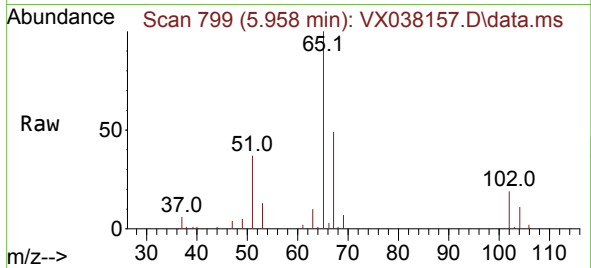




#27
 1,2-Dichloroethane-d4
 Concen: 29.975 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

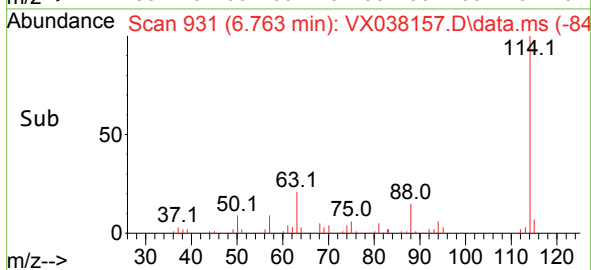
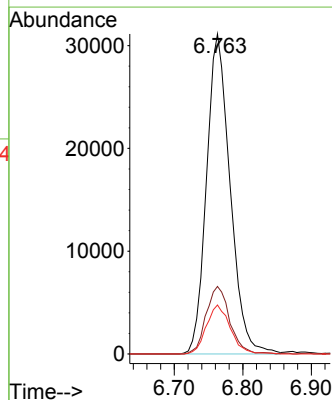
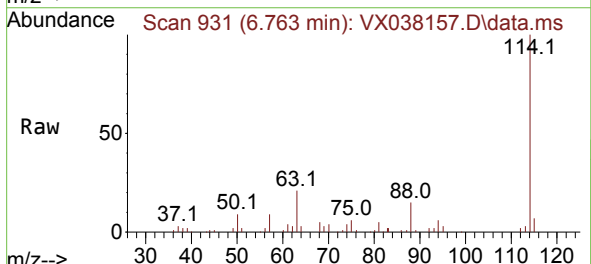
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

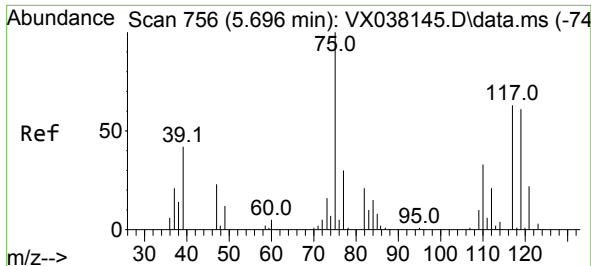
Tgt Ion: 65 Resp: 41958
 Ion Ratio Lower Upper
 65 100
 67 51.9 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

Tgt Ion: 114 Resp: 74504
 Ion Ratio Lower Upper
 114 100
 63 20.9 16.6 24.8
 88 15.4 12.9 19.3

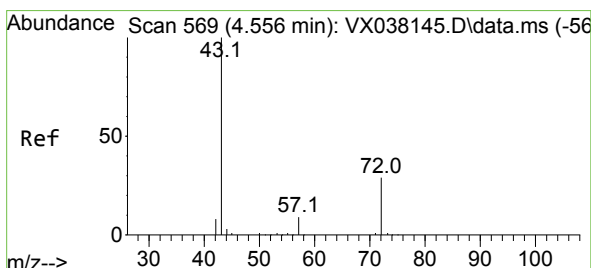
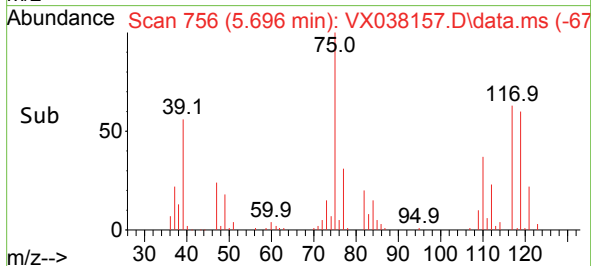
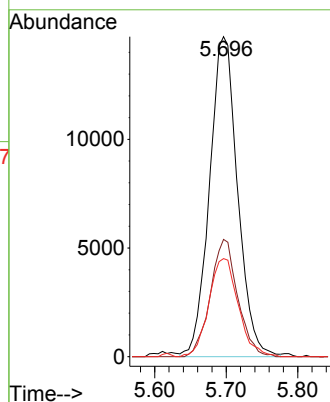
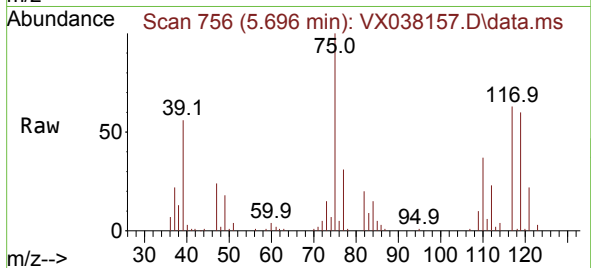




#29
1,1-Dichloropropene
Concen: 20.399 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

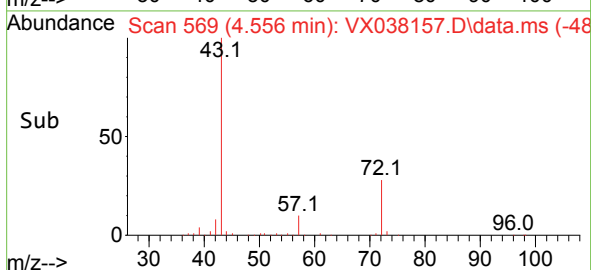
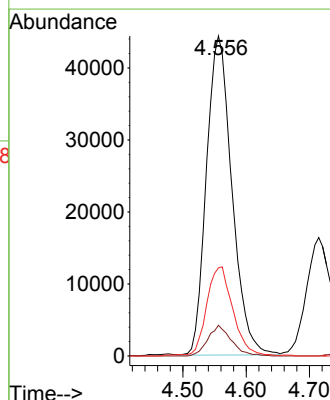
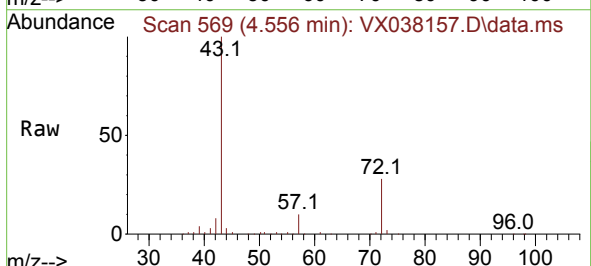
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

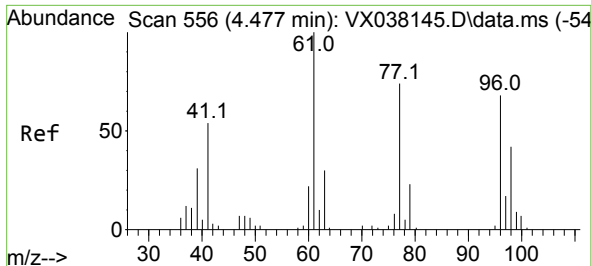
Tgt Ion: 75	Resp: 40210
Ion Ratio	Lower Upper
75	100
110	35.6 0.0 70.4
77	32.2 0.0 62.8



#30
2-Butanone
Concen: 97.830 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43	Resp: 123949
Ion Ratio	Lower Upper
43	100
57	8.8 6.4 9.6
72	28.6 21.6 32.4





#31

2,2-Dichloropropane

Concen: 15.934 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

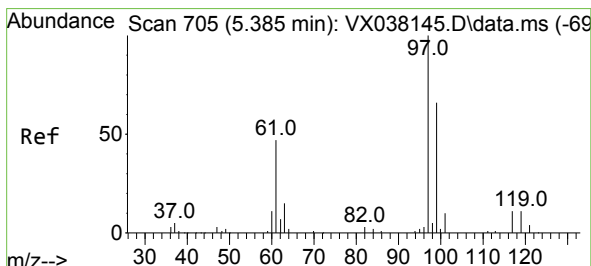
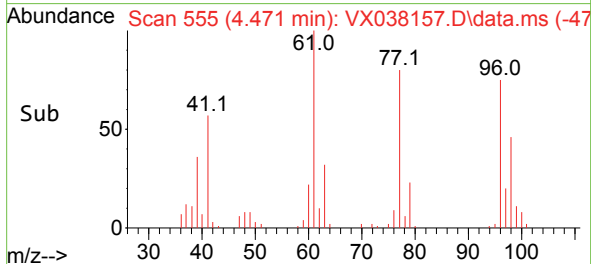
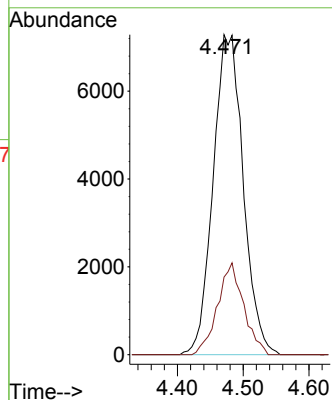
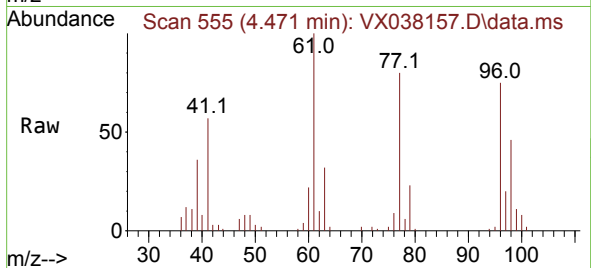
VSTDCCC020EC

Tgt Ion: 77 Resp: 23203

Ion Ratio Lower Upper

77 100

97 24.9 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.660 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

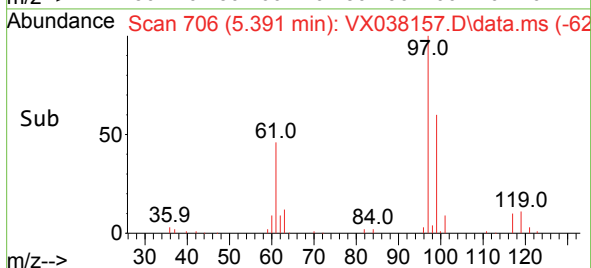
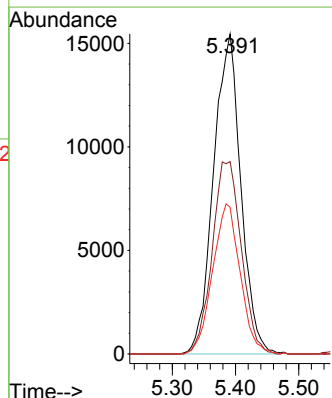
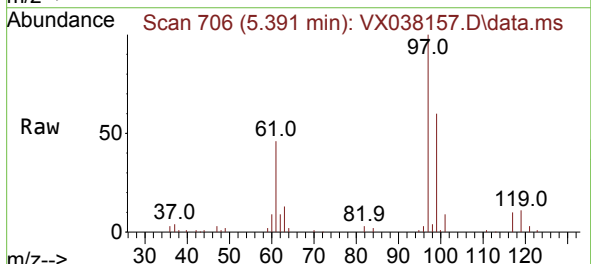
Tgt Ion: 97 Resp: 46305

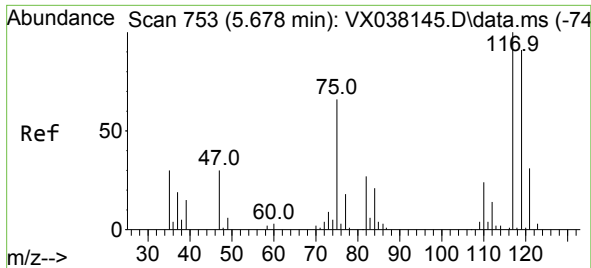
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 47.3 35.8 53.8

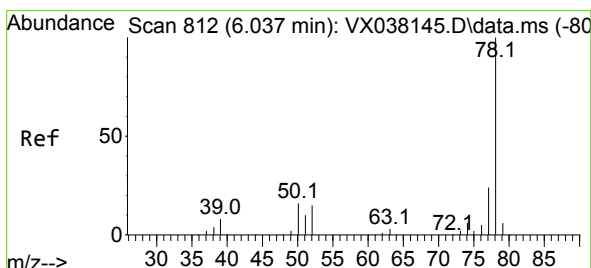
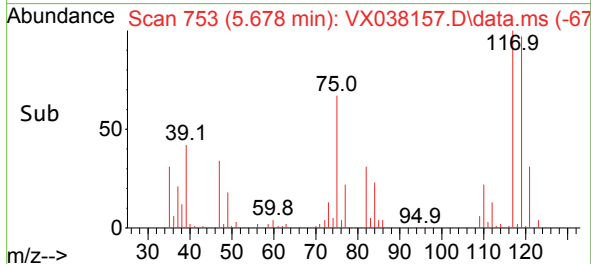
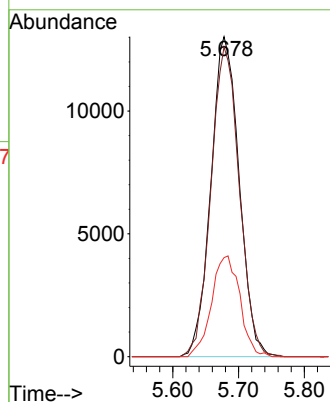
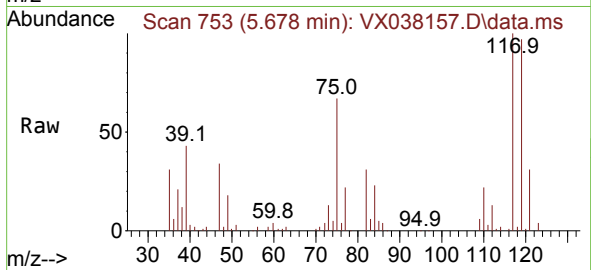




#33
Carbon Tetrachloride
Concen: 19.516 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

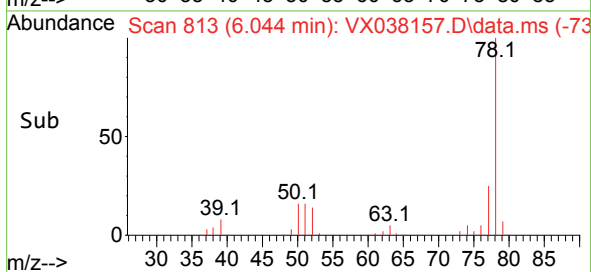
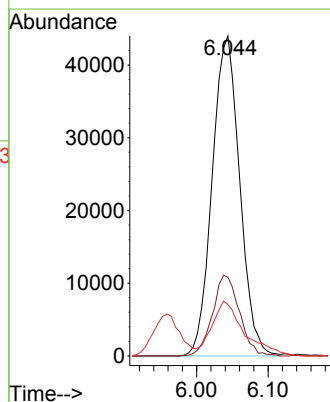
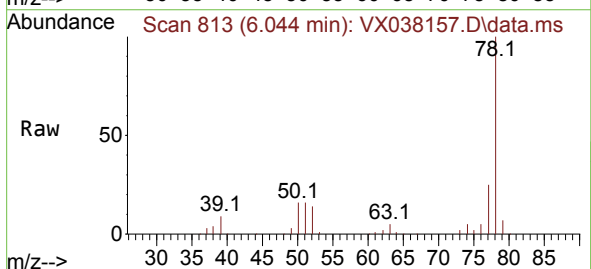
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

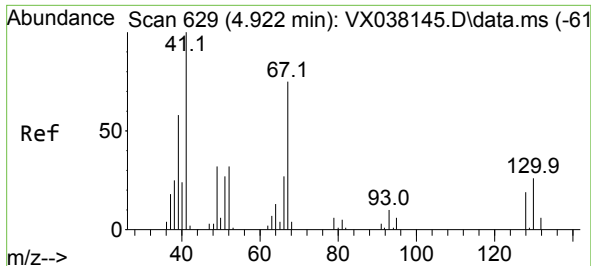
Tgt Ion:117 Resp: 38946
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0
121 31.0 26.5 39.7



#34
Benzene
Concen: 20.149 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 78 Resp: 117488
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1
51 14.9 14.2 21.4

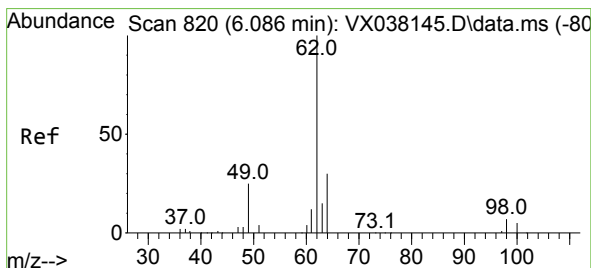
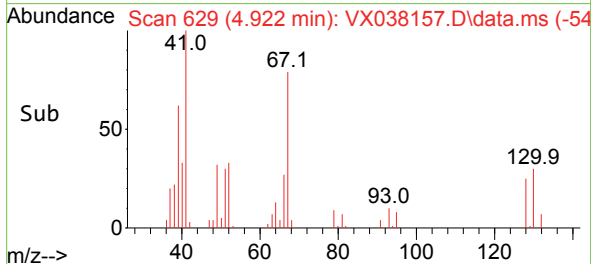
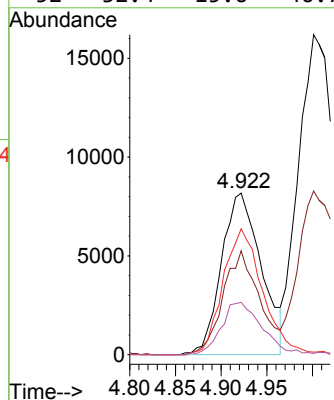
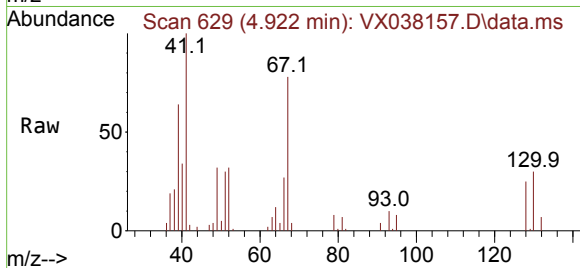




#35
Methacrylonitrile
Concen: 20.869 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

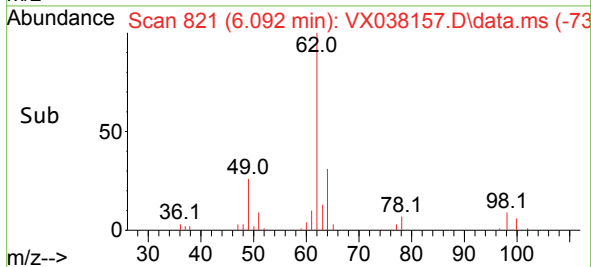
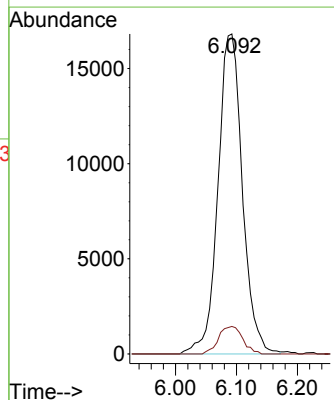
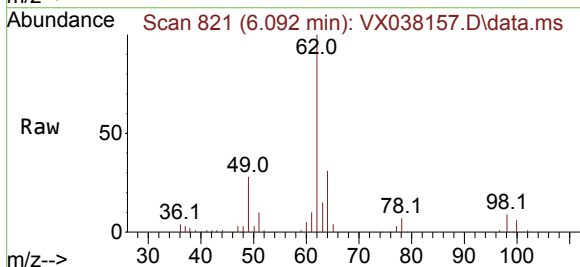
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

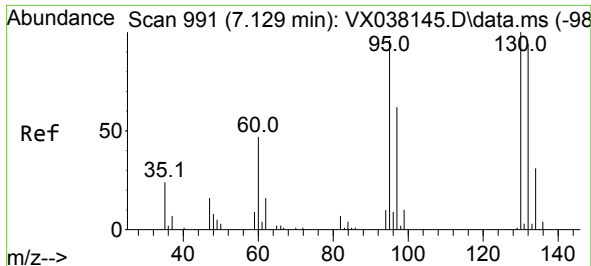
Tgt Ion:	41	Resp:	24754
Ion	Ratio	Lower	Upper
41	100		
39	64.3	28.2	84.7
67	77.9	35.0	105.1
52	32.4	15.6	46.7



#36
1,2-Dichloroethane
Concen: 20.688 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:	62	Resp:	46800
Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.0	10.6





#37

Trichloroethene

Concen: 20.176 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

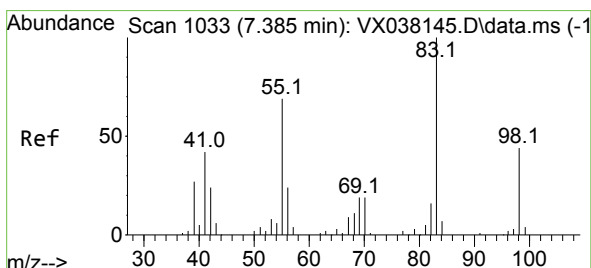
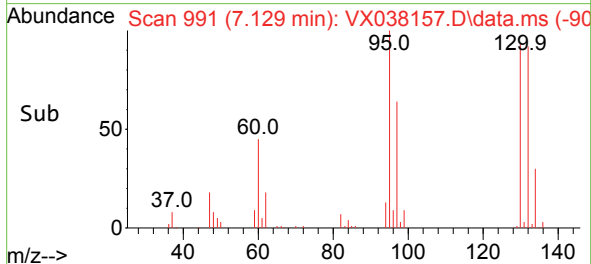
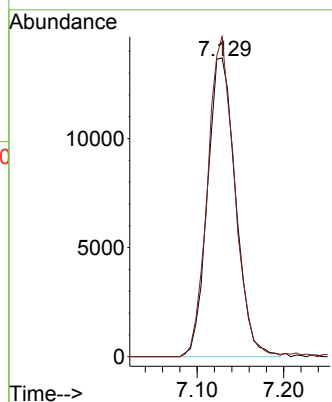
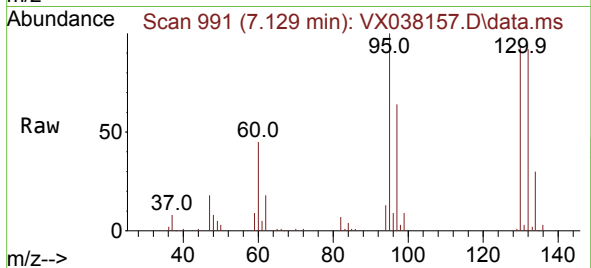
VSTDCCC020EC

Tgt Ion:130 Resp: 30985

Ion Ratio Lower Upper

130 100

95 107.1 83.2 124.8



#38

Methylcyclohexane

Concen: 19.719 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

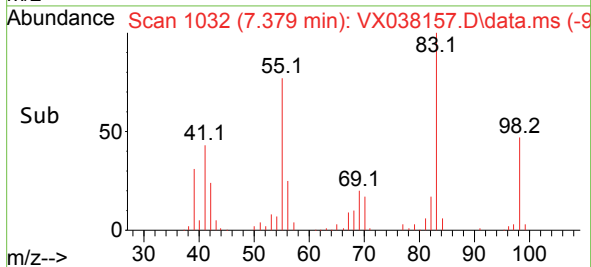
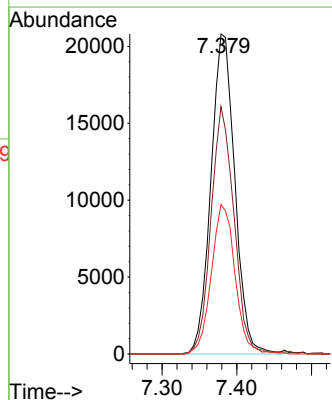
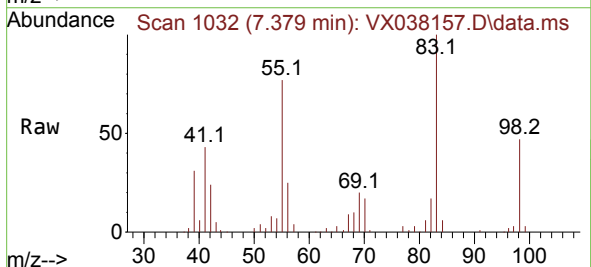
Tgt Ion: 83 Resp: 46301

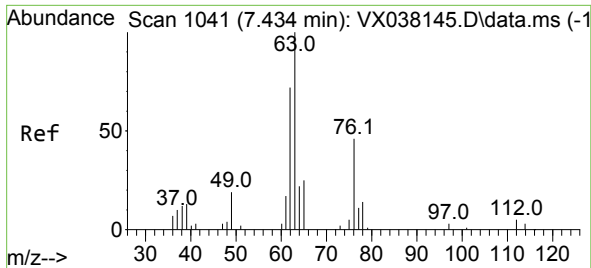
Ion Ratio Lower Upper

83 100

55 73.6 38.1 114.5

98 46.4 24.4 73.4

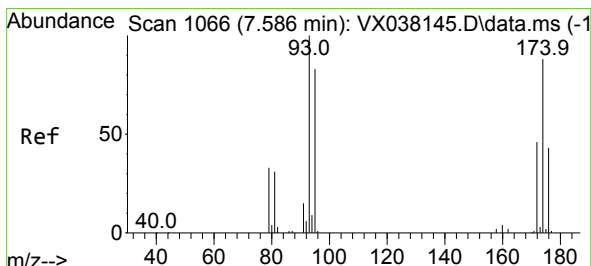
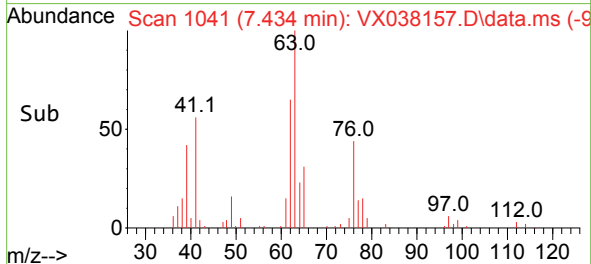
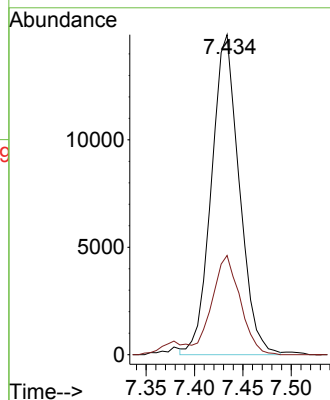
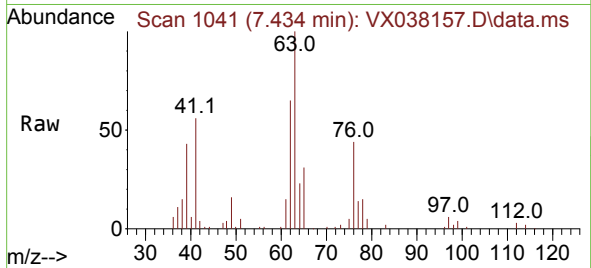




#39
1,2-Dichloropropane
Concen: 20.459 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

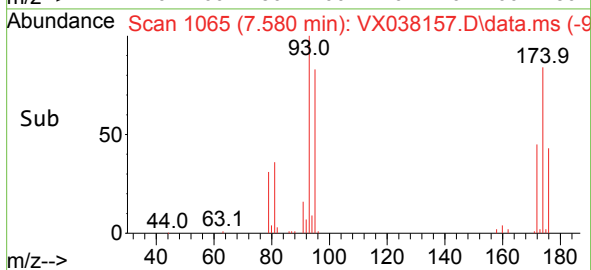
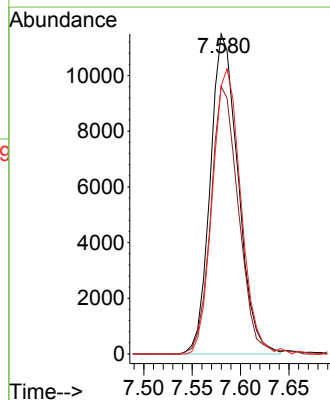
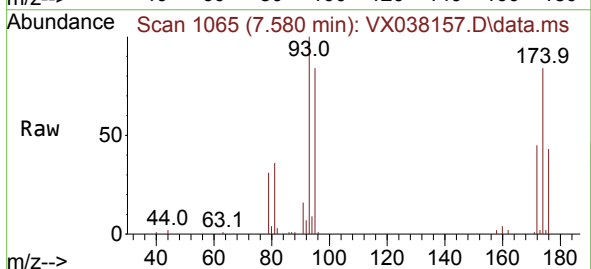
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

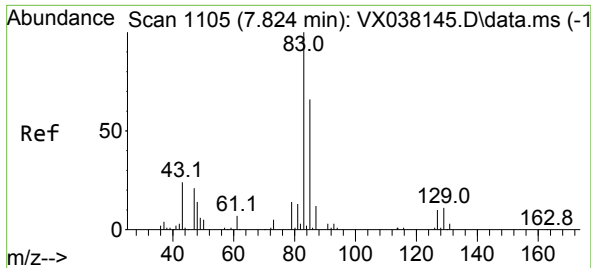
Tgt Ion: 63 Resp: 29905
Ion Ratio Lower Upper
63 100
65 31.2 26.4 39.6



#40
Dibromomethane
Concen: 20.180 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 93 Resp: 23049
Ion Ratio Lower Upper
93 100
95 82.6 0.0 166.8
174 90.1 0.0 191.6

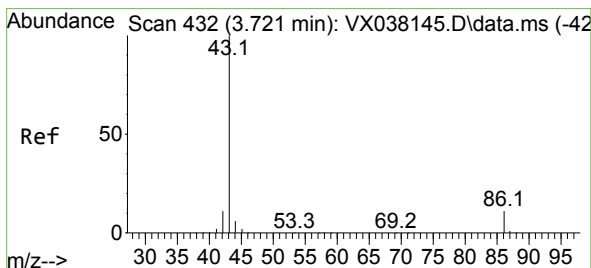
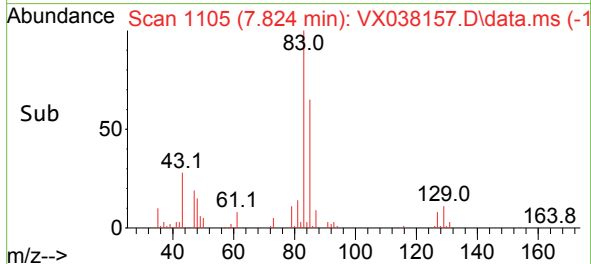
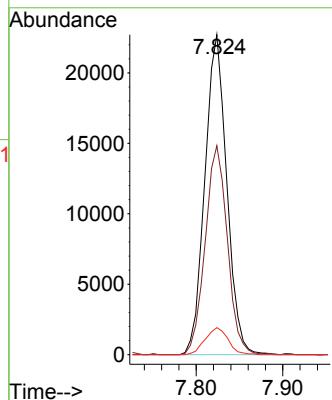
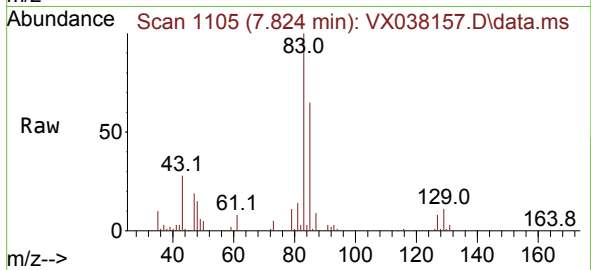




#41
Bromodichloromethane
Concen: 19.498 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

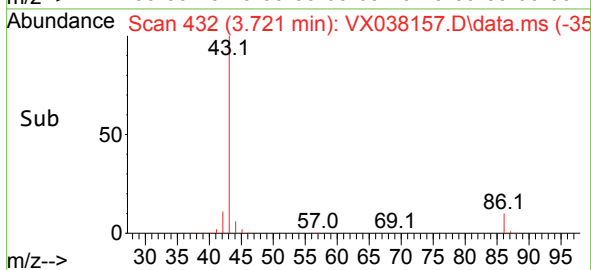
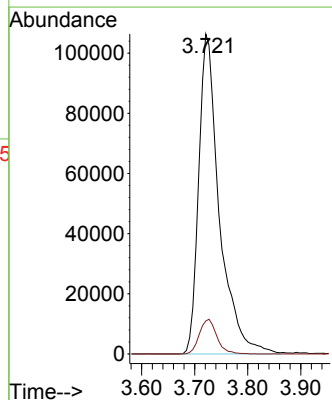
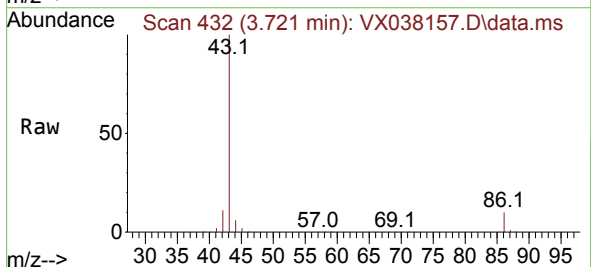
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

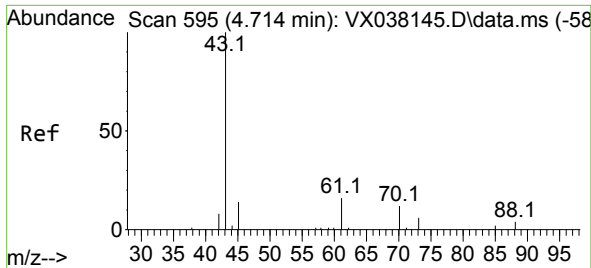
Tgt Ion: 83 Resp: 39923
Ion Ratio Lower Upper
83 100
85 65.3 51.5 77.3
127 8.4 6.4 9.6



#42
Vinyl Acetate
Concen: 103.185 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 287740
Ion Ratio Lower Upper
43 100
86 9.1 7.4 11.0

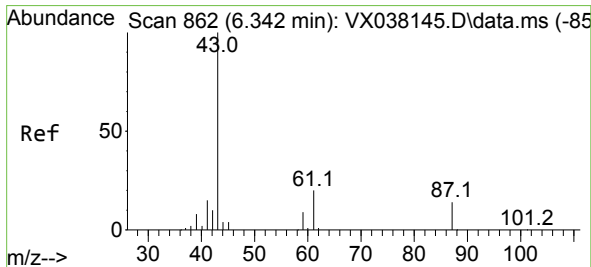
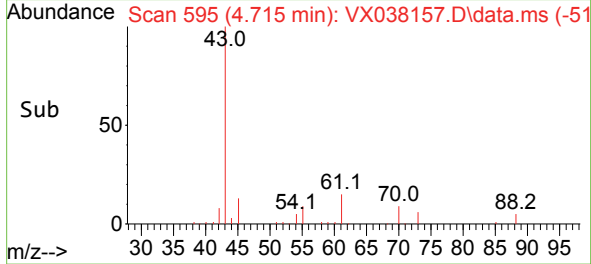
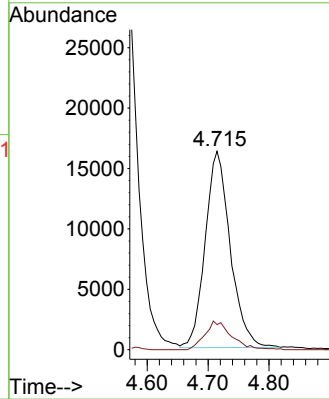
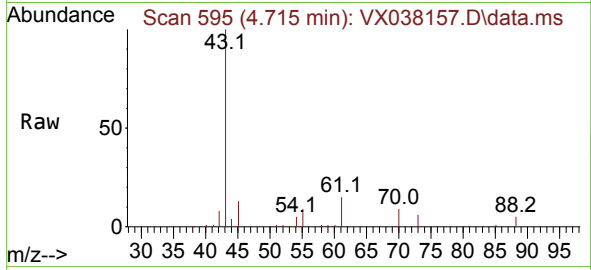




#43
Ethyl Acetate
Concen: 20.041 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

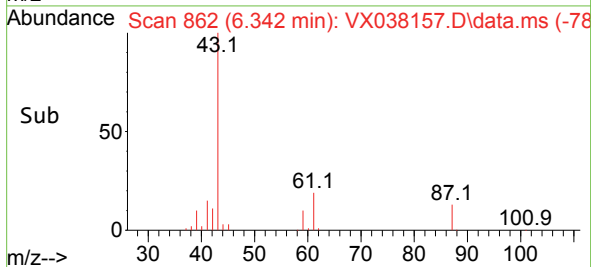
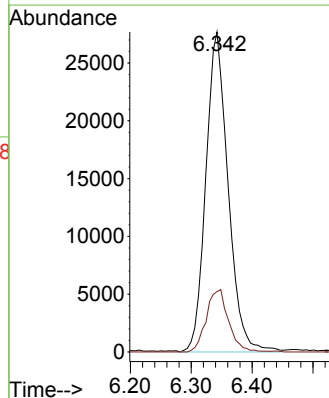
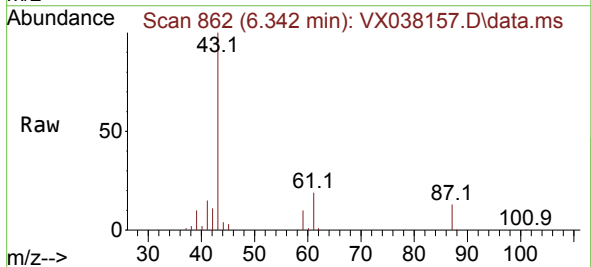
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

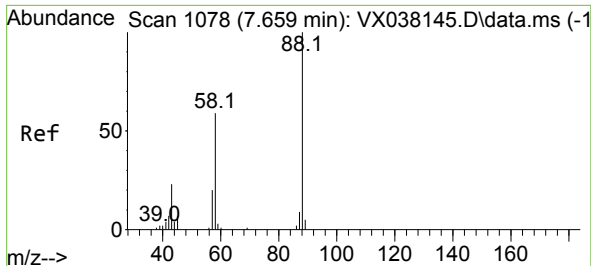
Tgt Ion: 43 Resp: 46455
Ion Ratio Lower Upper
43 100
45 15.3 12.6 18.8



#44
Isopropyl Acetate
Concen: 20.174 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 70384
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0

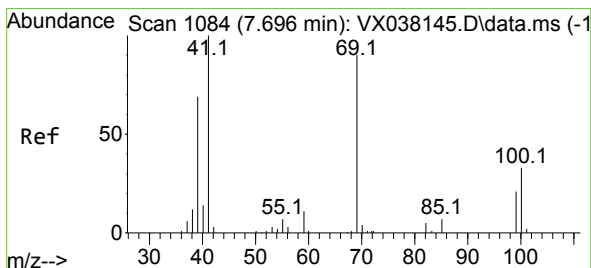
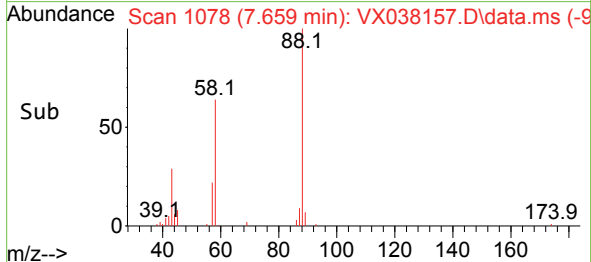
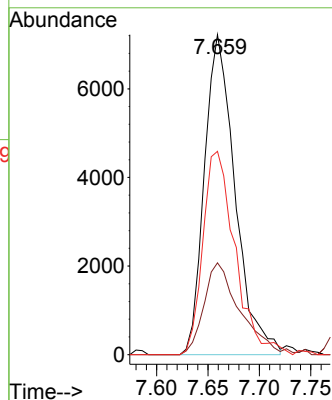
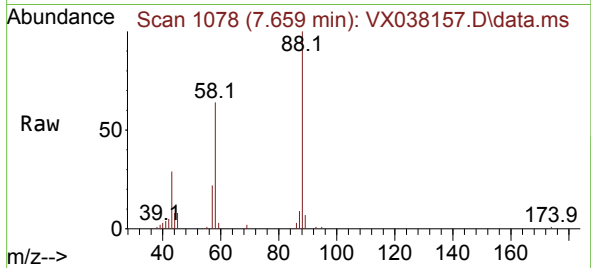




#45
1,4-Dioxane
Concen: 338.409 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

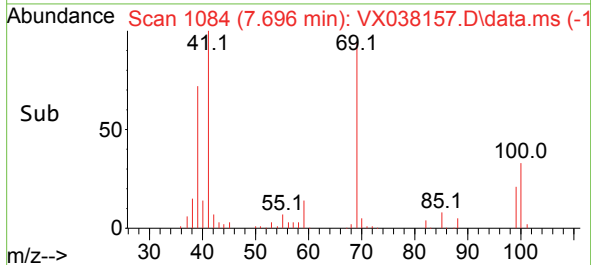
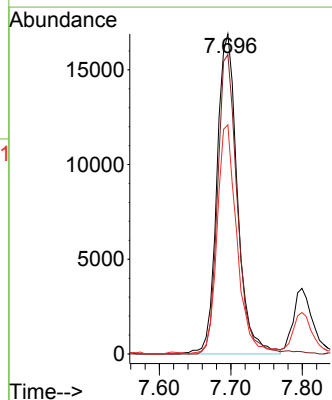
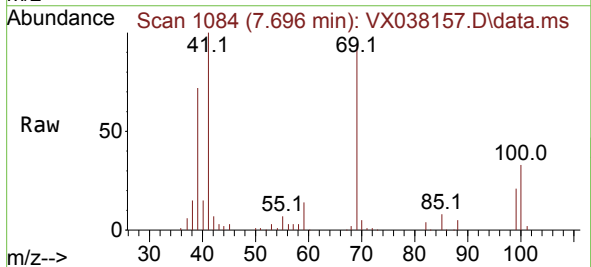
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

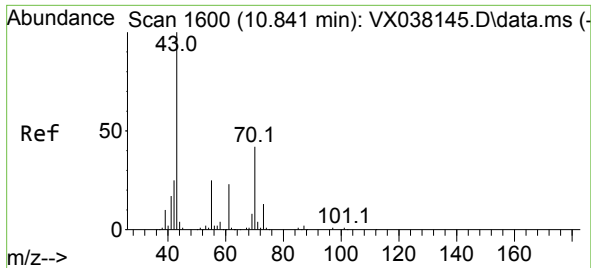
Tgt Ion: 88 Resp: 15004
Ion Ratio Lower Upper
88 100
43 33.3 297.5 446.3#
58 64.6 1.0 1.4#



#46
Methyl methacrylate
Concen: 19.549 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 41 Resp: 33627
Ion Ratio Lower Upper
41 100
69 93.6 44.4 133.1
39 71.2 34.9 104.7

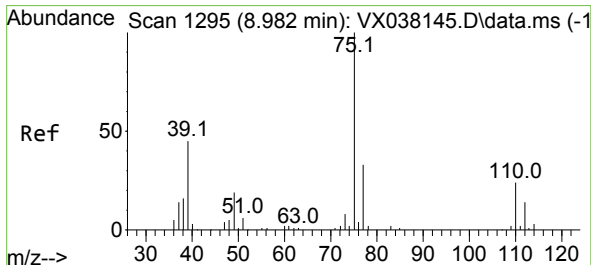
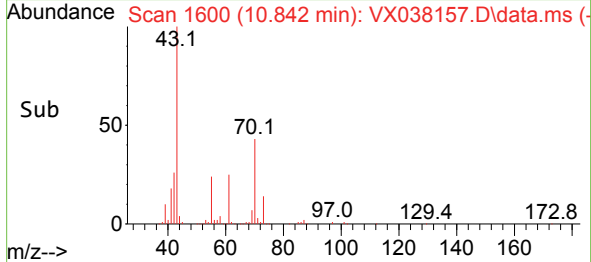
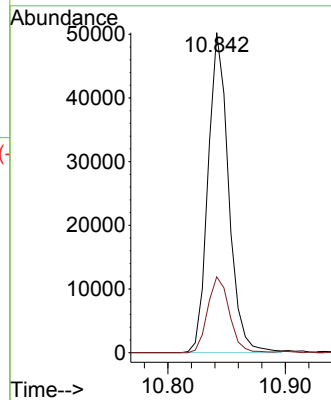
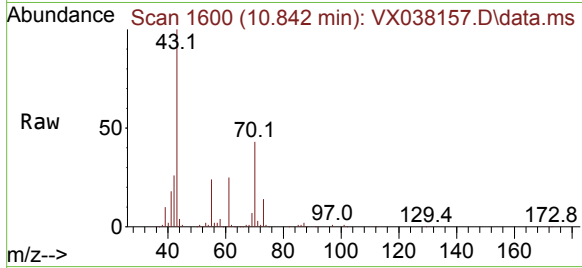




#47
n-amy1 Acetate
Concen: 20.159 ug/l
RT: 10.842 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

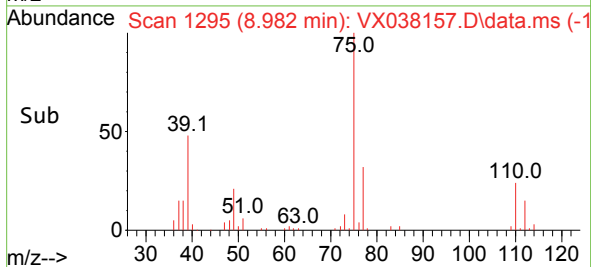
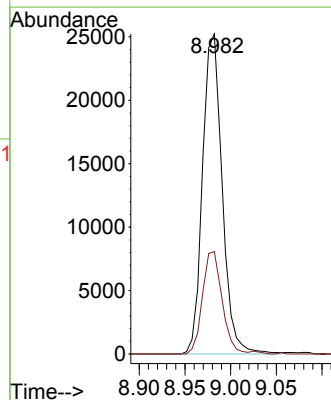
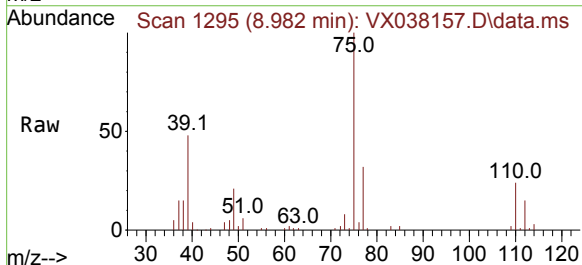
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

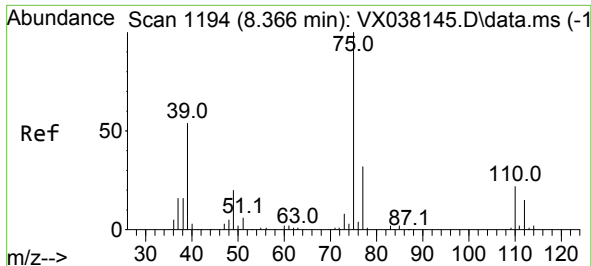
Tgt Ion: 43 Resp: 61058
Ion Ratio Lower Upper
43 100
55 25.1 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 17.932 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 75 Resp: 37739
Ion Ratio Lower Upper
75 100
77 32.0 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.689 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

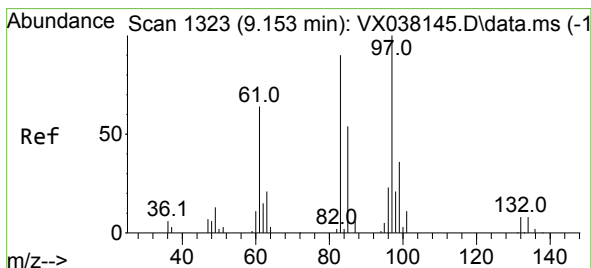
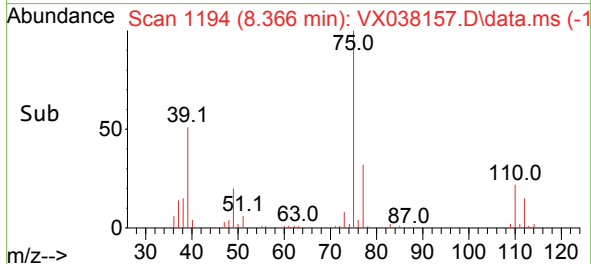
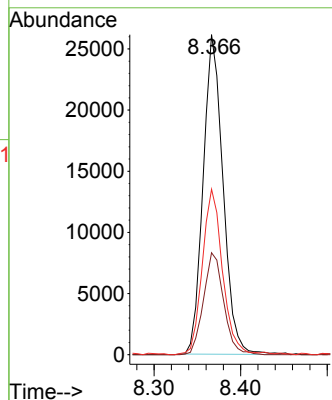
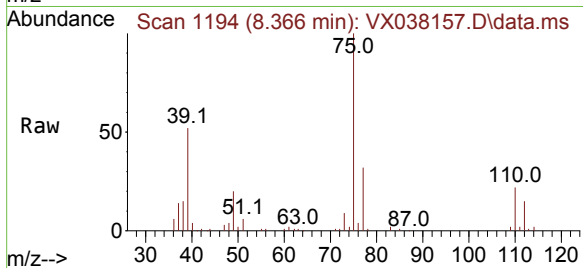
Tgt Ion: 75 Resp: 41702

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 51.4 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 19.787 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Tgt Ion: 97 Resp: 31907

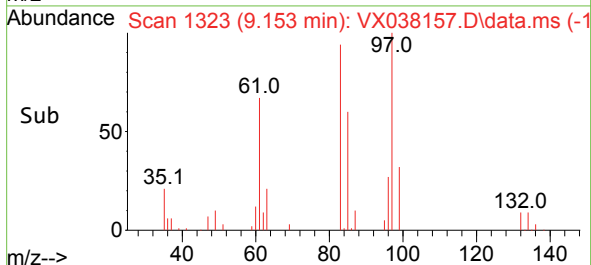
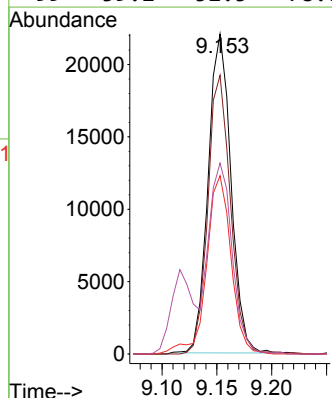
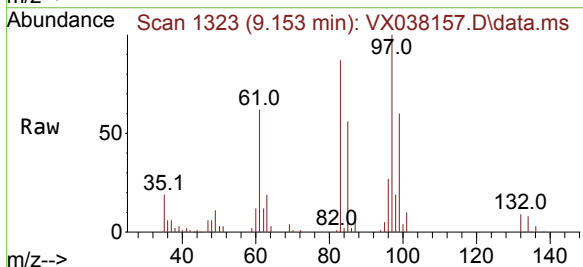
Ion Ratio Lower Upper

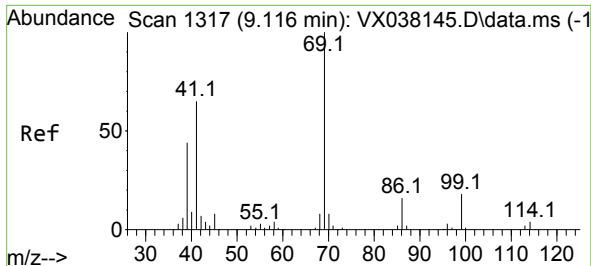
97 100

83 87.4 70.0 105.0

85 55.9 46.1 69.1

99 59.2 52.5 78.7

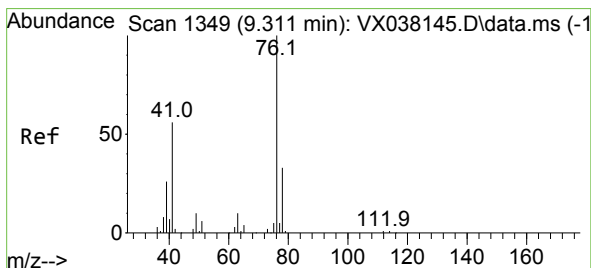
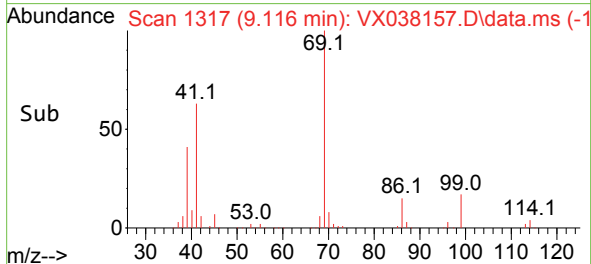
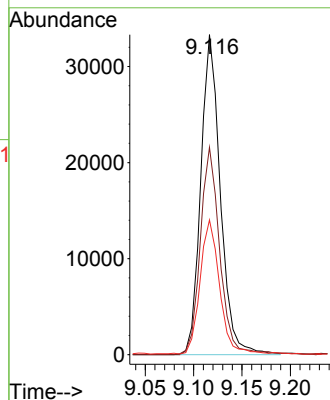
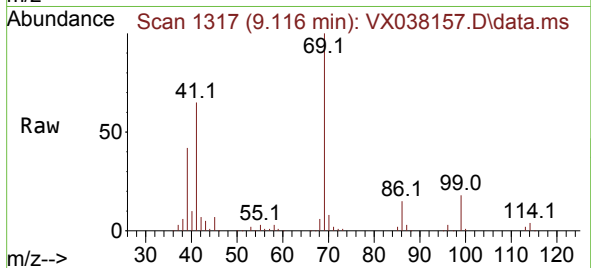




#51
Ethyl methacrylate
Concen: 19.453 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

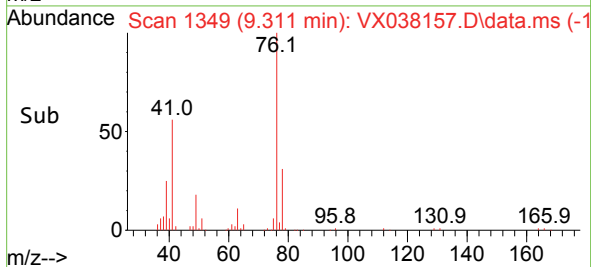
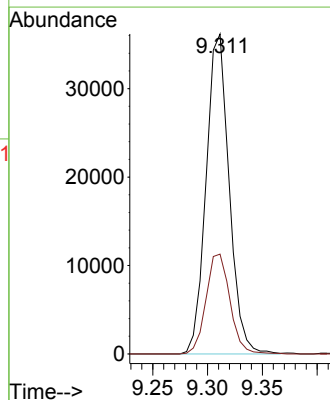
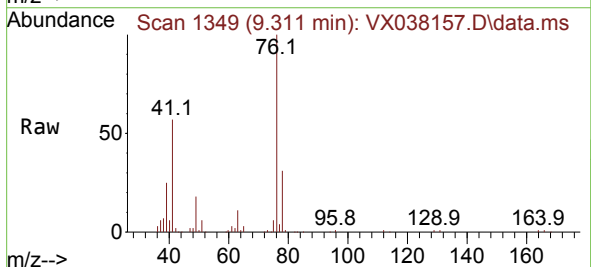
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

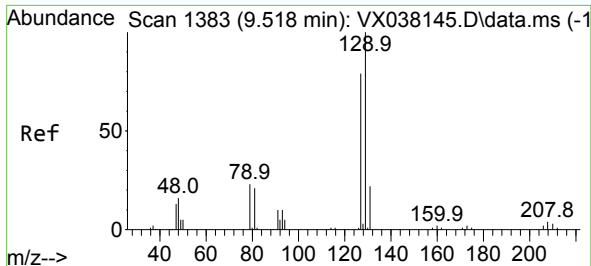
Tgt Ion: 69 Resp: 46978
Ion Ratio Lower Upper
69 100
41 64.5 32.0 96.0
39 41.9 19.4 58.4



#52
1,3-Dichloropropane
Concen: 20.189 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 76 Resp: 52942
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.6

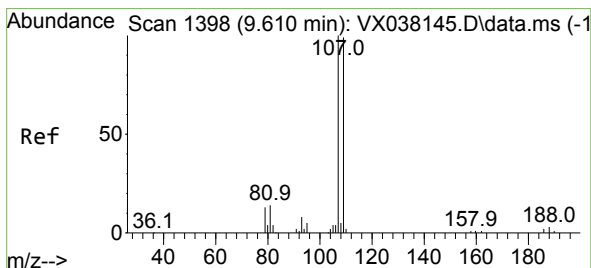
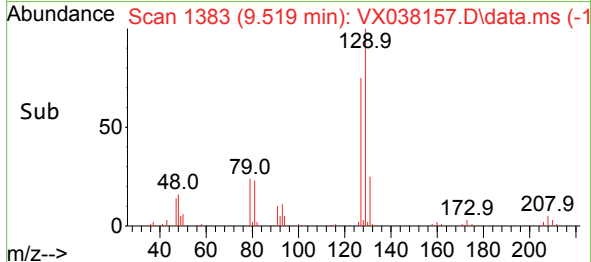
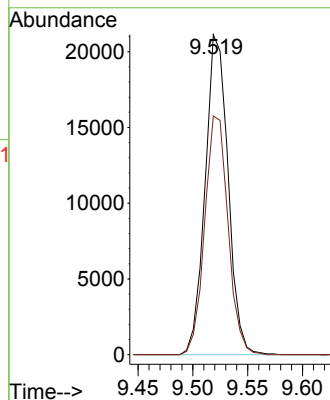
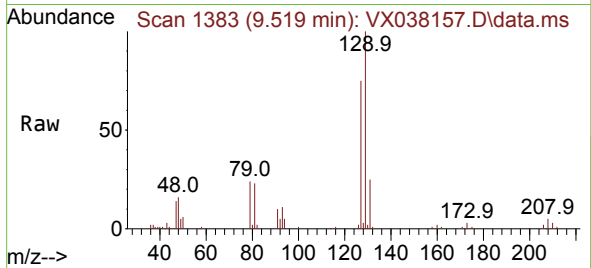




#53
Dibromochloromethane
Concen: 19.234 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

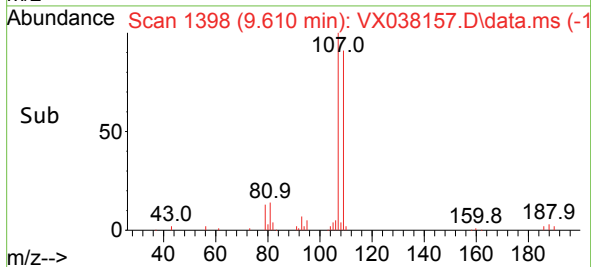
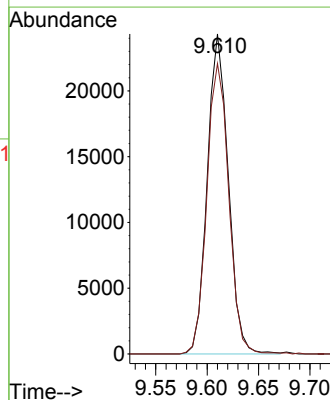
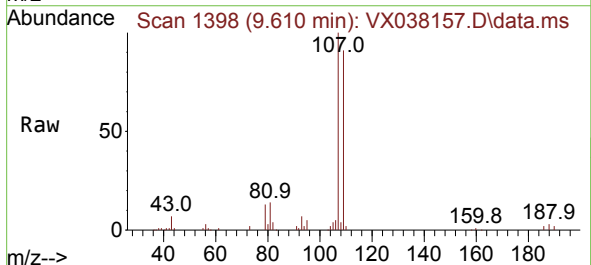
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

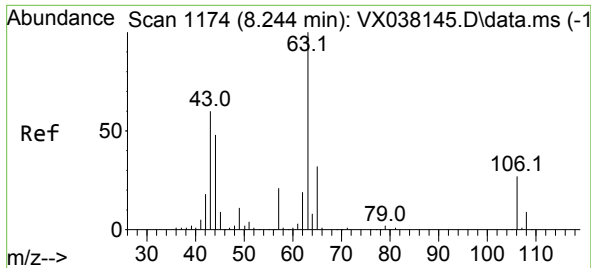
Tgt Ion:129 Resp: 30725
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8



#54
1,2-Dibromoethane
Concen: 19.661 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:107 Resp: 34644
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1



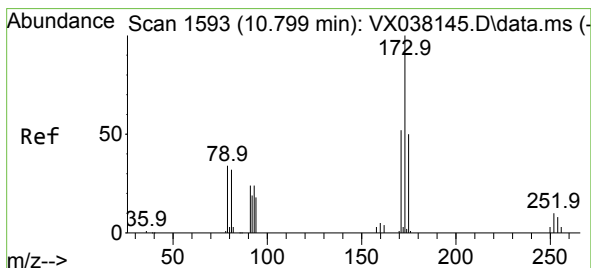
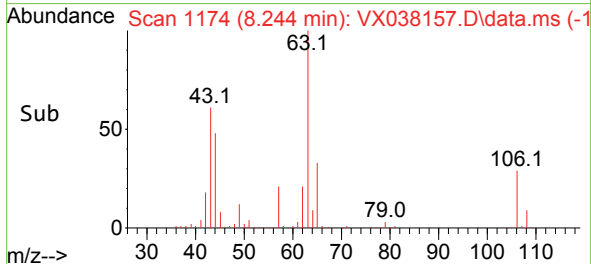
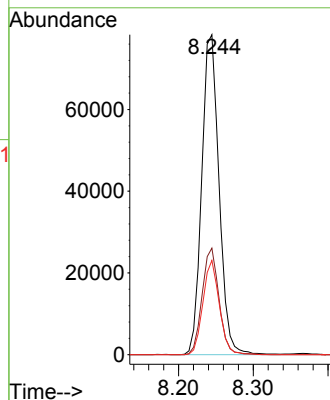
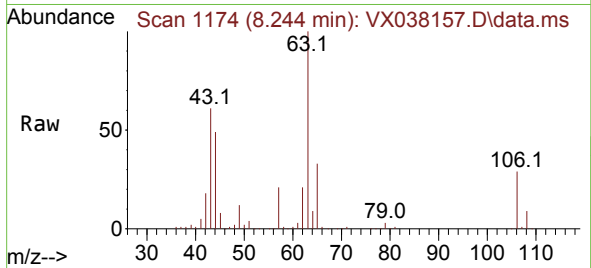


#55
 2-Chloroethyl vinyl ether
 Concen: 103.423 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 63 Resp: 126063

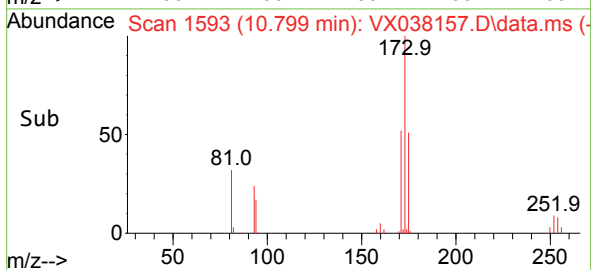
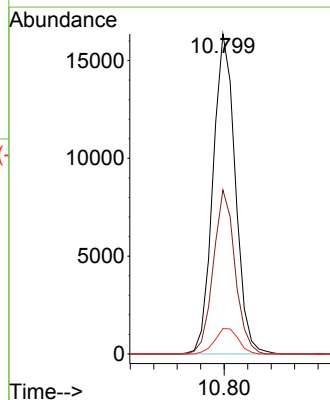
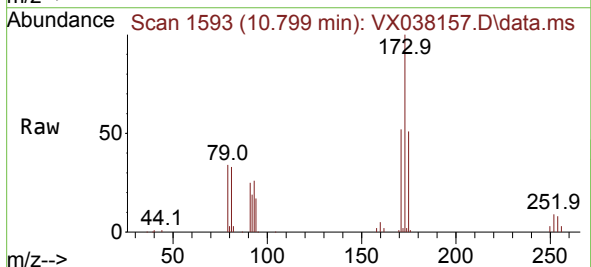
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.9	38.9
106	27.8	21.8	32.8

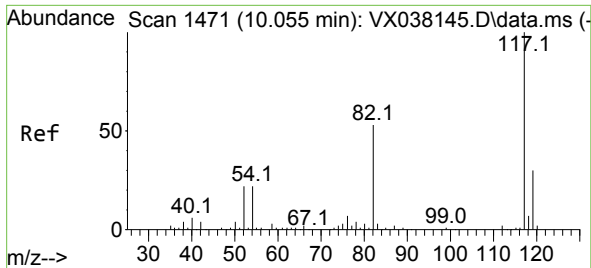


#56
 Bromoform
 Concen: 18.081 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

Tgt Ion: 173 Resp: 21586

Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.1	57.1
254	8.4	6.7	10.1

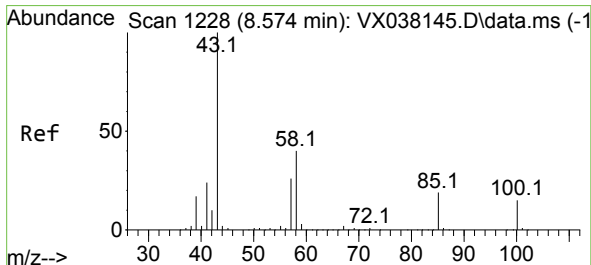
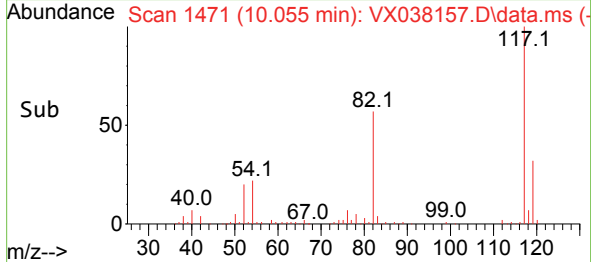
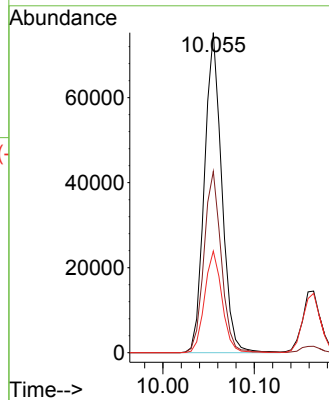
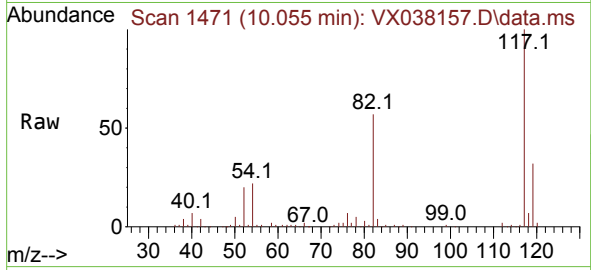




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

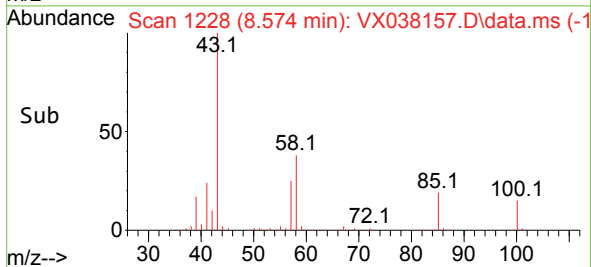
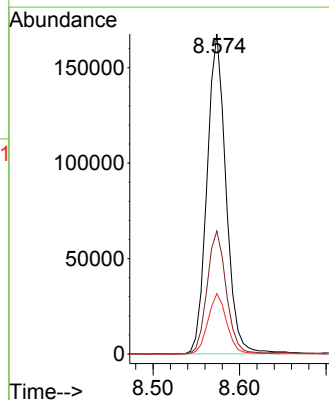
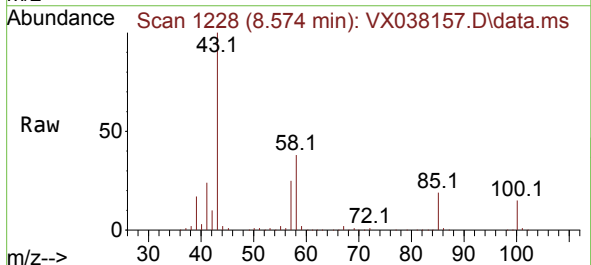
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

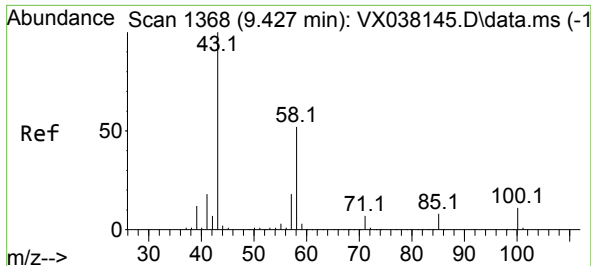
Tgt Ion:117 Resp: 98775
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 103.368 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 43 Resp: 255557
Ion Ratio Lower Upper
43 100
58 38.9 30.9 46.3
85 18.8 14.4 21.6

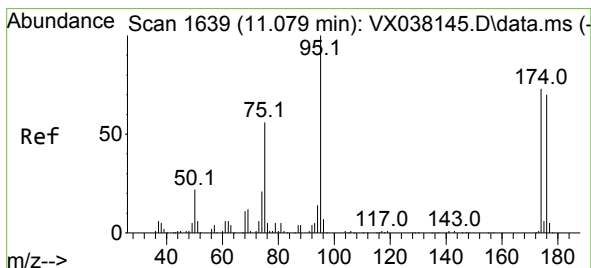
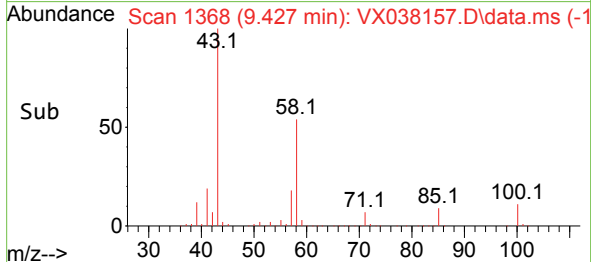
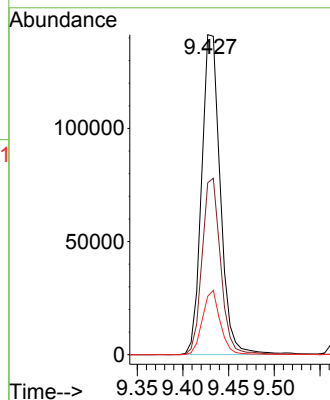
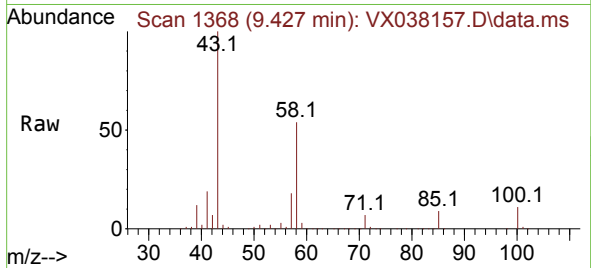




#59
2-Hexanone
Concen: 101.314 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

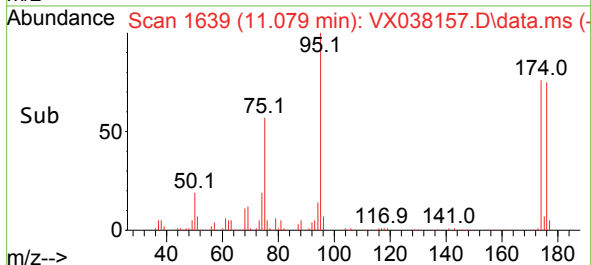
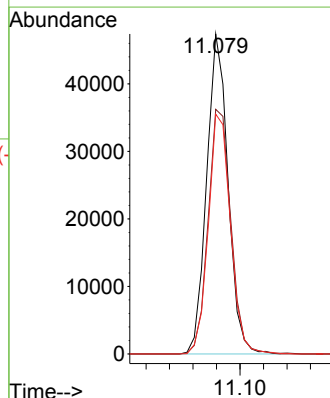
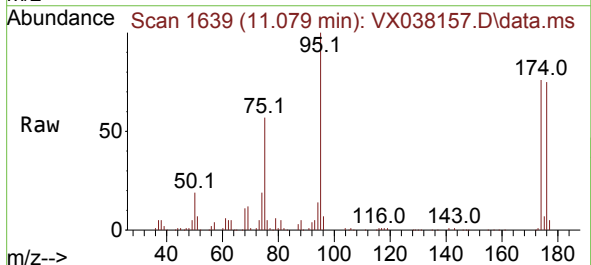
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

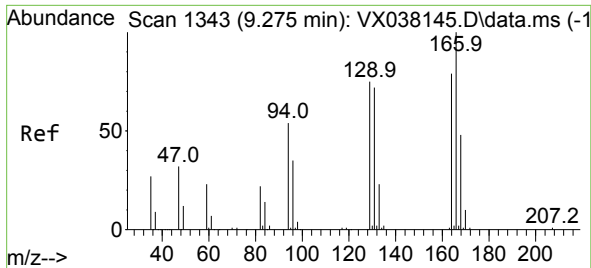
Tgt Ion:	43	Resp:	201381
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.4	65.2
57	19.2	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:	95	Resp:	59837
Ion	Ratio	Lower	Upper
95	100		
174	81.2	60.5	90.7
176	78.0	58.2	87.4

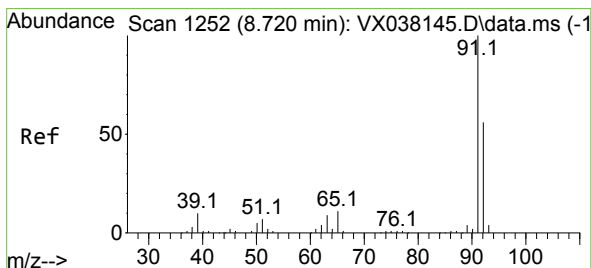
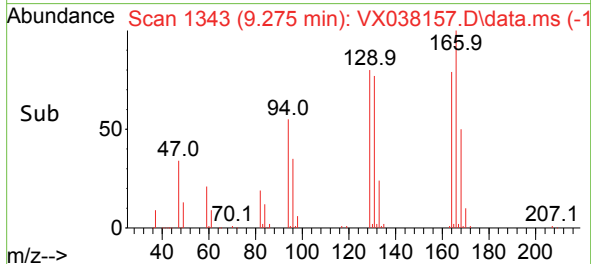
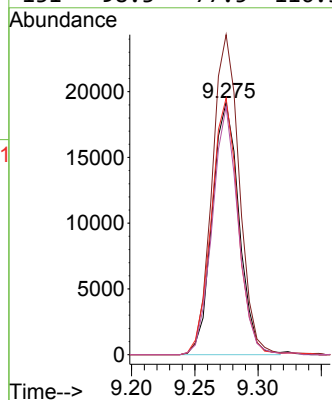
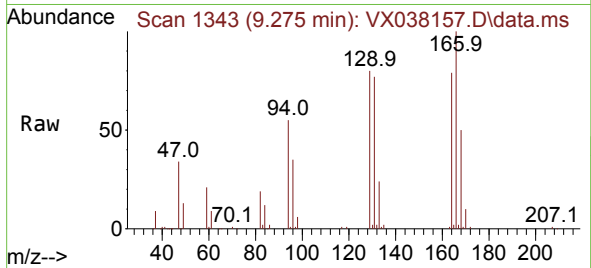




#61
Tetrachloroethene
Concen: 20.976 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

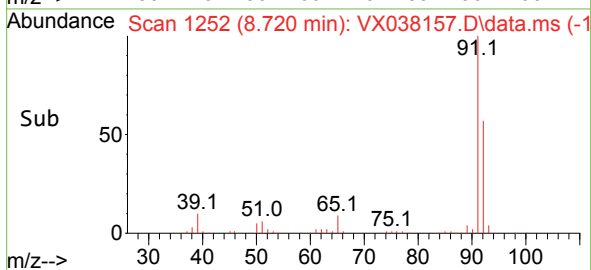
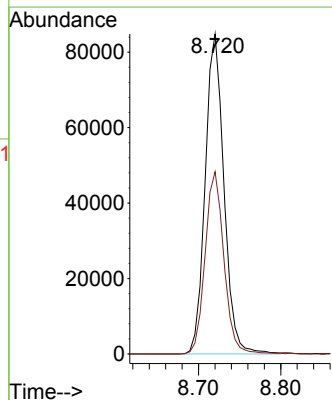
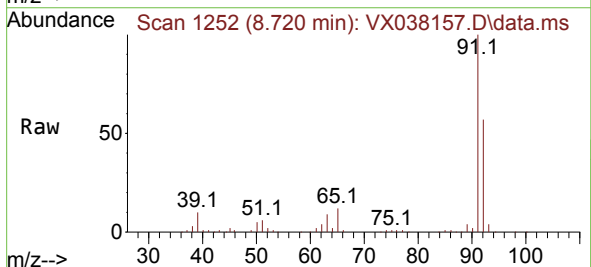
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

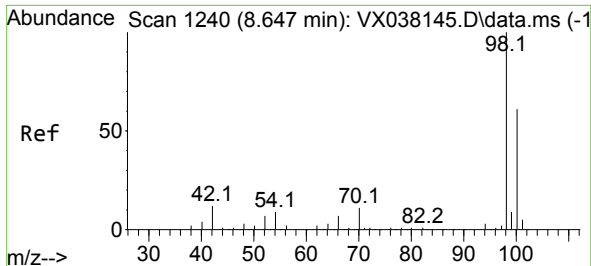
Tgt Ion:164 Resp: 28310
Ion Ratio Lower Upper
164 100
166 126.9 104.5 156.7
129 101.7 78.0 117.0
131 98.3 77.5 116.3



#62
Toluene
Concen: 20.457 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 91 Resp: 134628
Ion Ratio Lower Upper
91 100
92 57.0 44.9 67.3

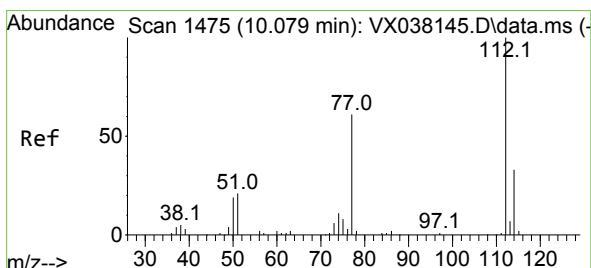
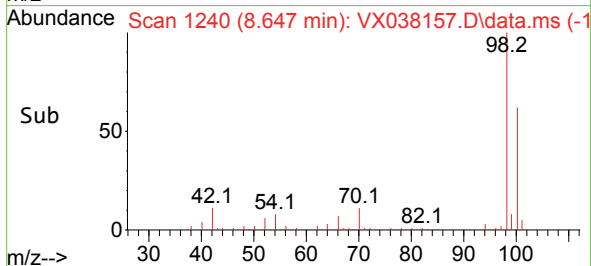
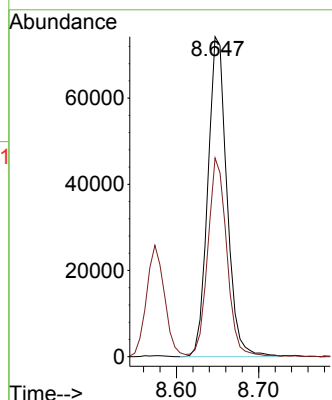
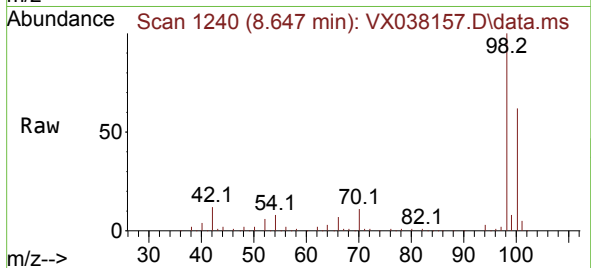




#63
Toluene-d8
Concen: 31.240 ug/l
RT: 8.647 min Scan# 119488
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

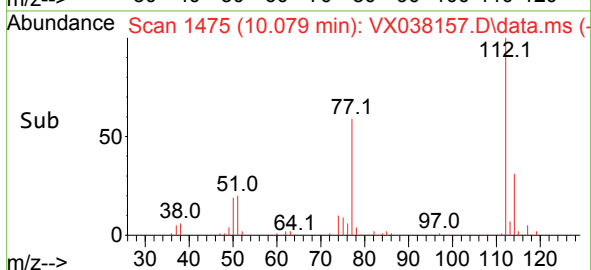
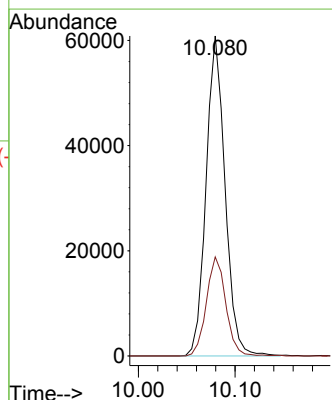
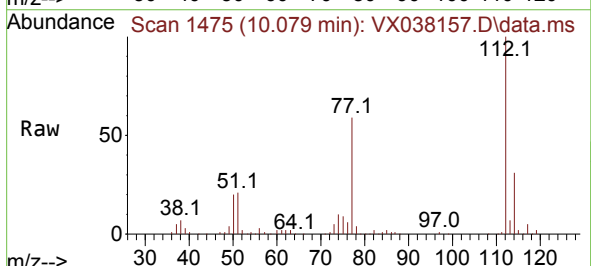
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

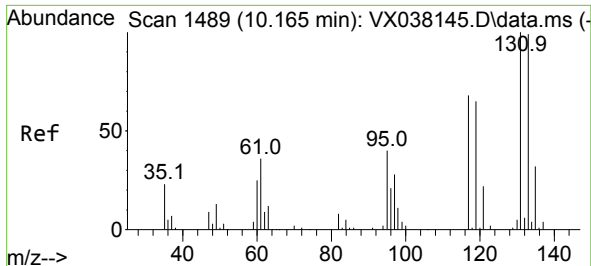
Tgt Ion: 98 Resp: 119488
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4



#64
Chlorobenzene
Concen: 20.180 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 112 Resp: 83164
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6

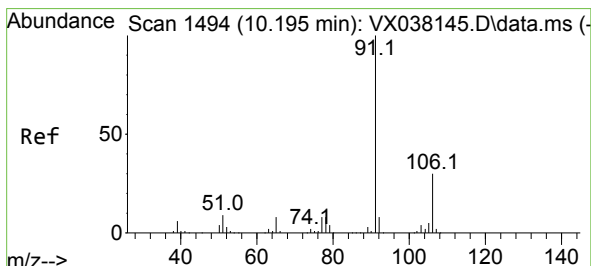
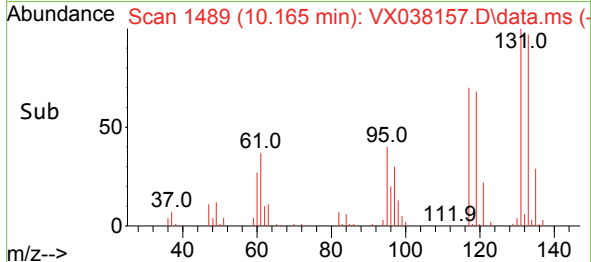
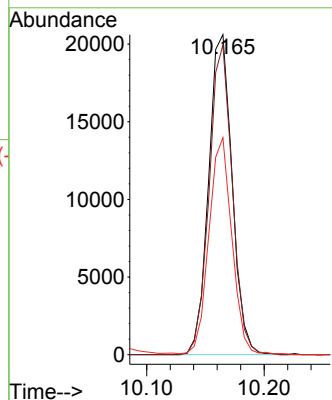
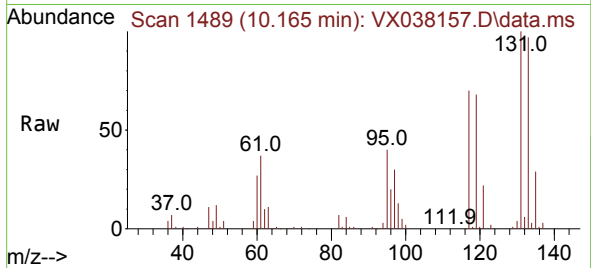




#65
1,1,1,2-Tetrachloroethane
Concen: 19.916 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

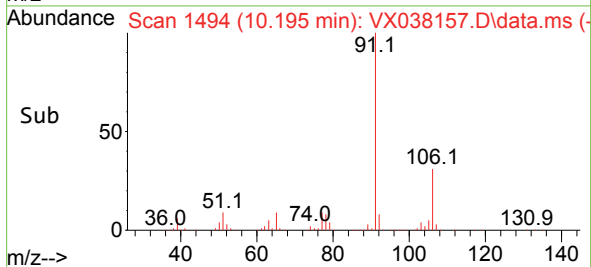
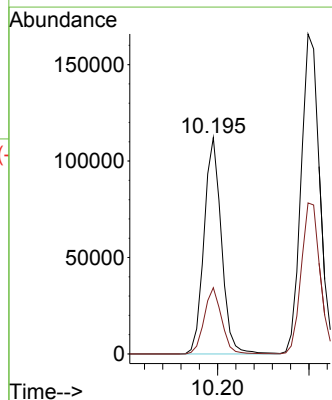
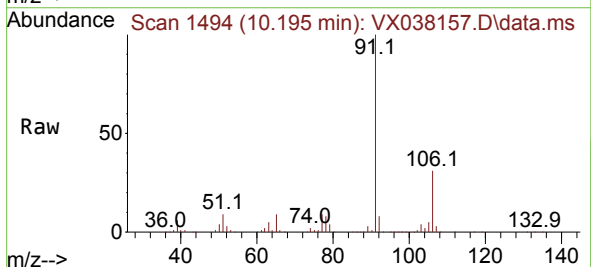
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

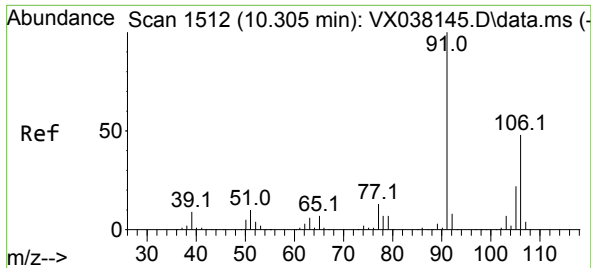
Tgt Ion:131 Resp: 28611
Ion Ratio Lower Upper
131 100
133 95.4 0.0 192.0
119 66.0 0.0 132.8



#66
Ethyl Benzene
Concen: 19.887 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 91 Resp: 148405
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4





#67

m/p-Xylenes

Concen: 39.010 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

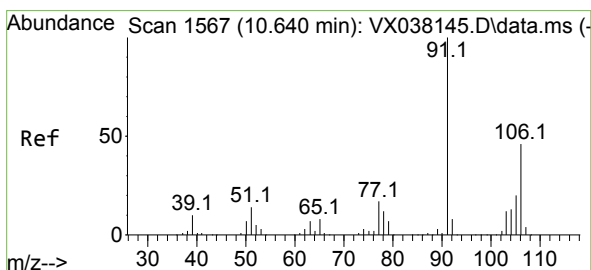
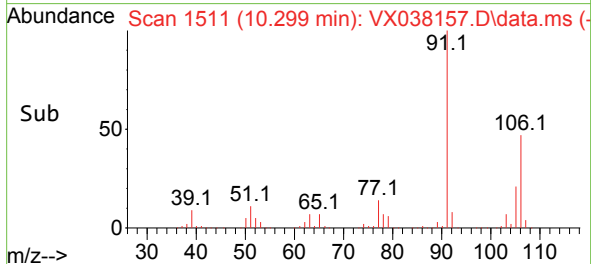
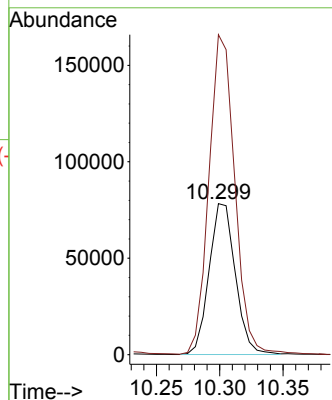
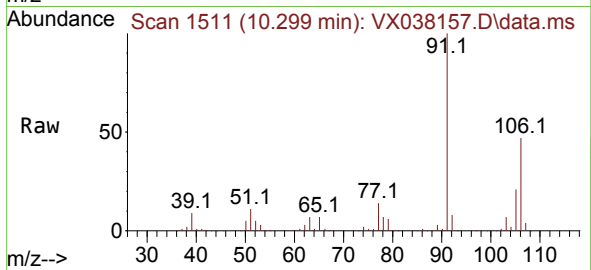
VSTDCCC020EC

Tgt Ion:106 Resp: 112936

Ion Ratio Lower Upper

106 100

91 209.9 160.5 240.7



#68

o-Xylene

Concen: 19.768 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038157.D

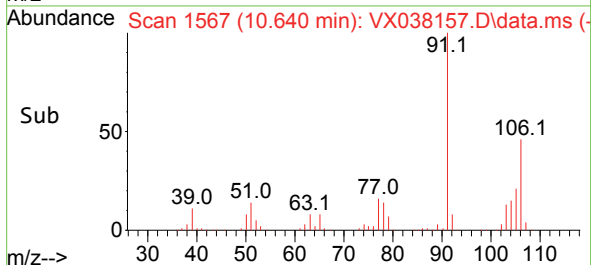
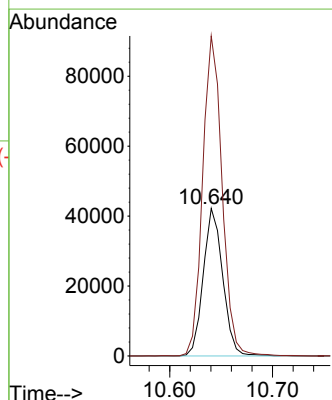
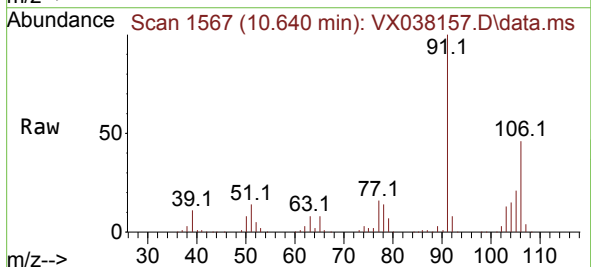
Acq: 07 Oct 2023 04:29

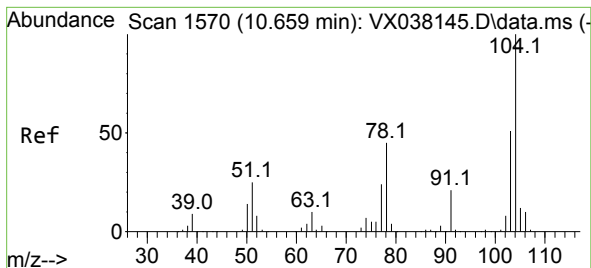
Tgt Ion:106 Resp: 55529

Ion Ratio Lower Upper

106 100

91 217.5 105.4 316.1





#69

Styrene

Concen: 19.679 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

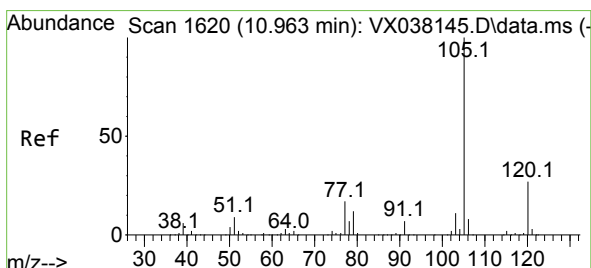
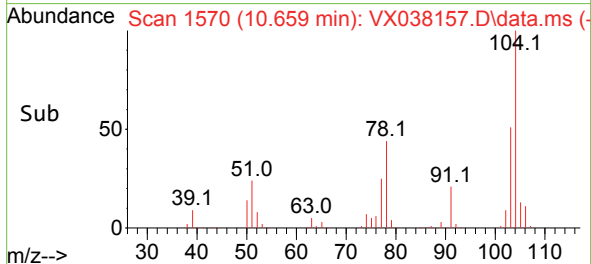
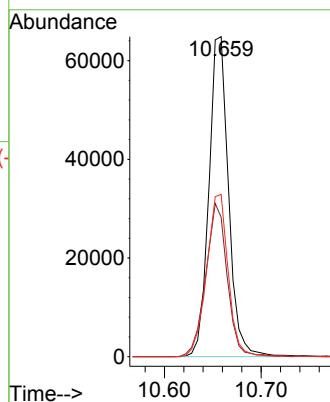
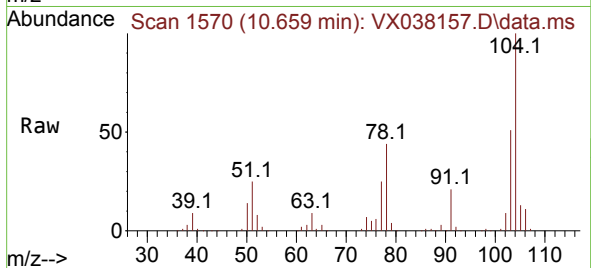
Tgt Ion:104 Resp: 91855

Ion Ratio Lower Upper

104 100

78 52.4 41.0 61.4

103 55.6 45.5 68.3



#70

Isopropylbenzene

Concen: 19.988 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038157.D

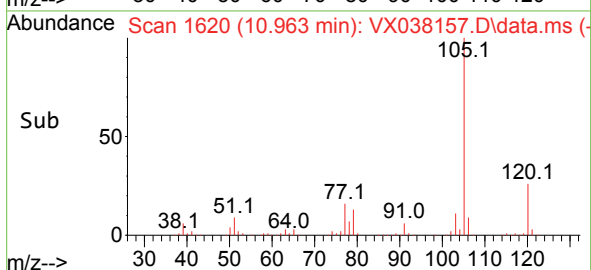
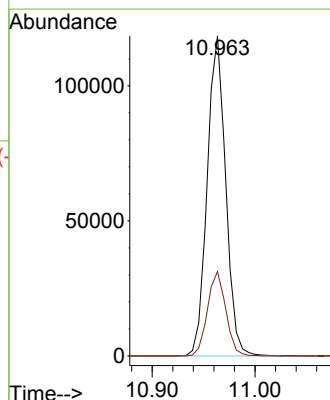
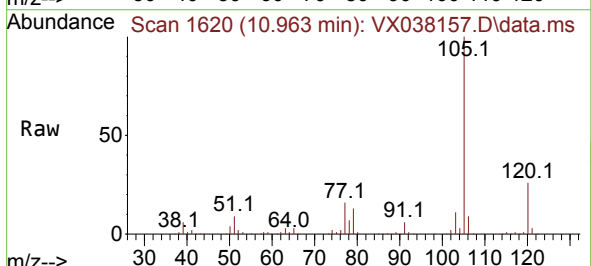
Acq: 07 Oct 2023 04:29

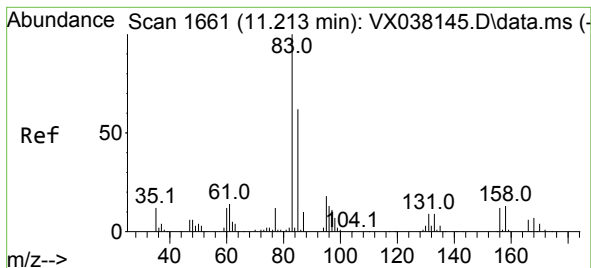
Tgt Ion:105 Resp: 148072

Ion Ratio Lower Upper

105 100

120 26.1 19.5 36.3

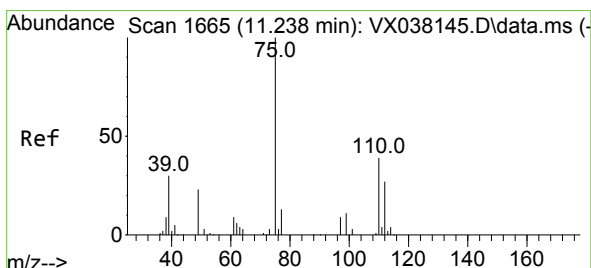
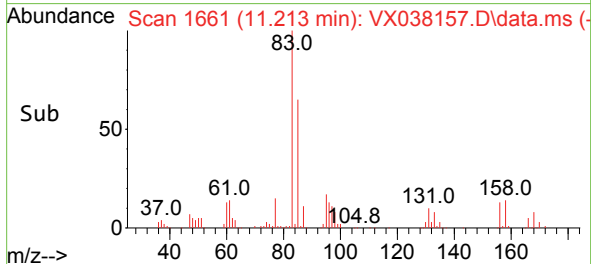
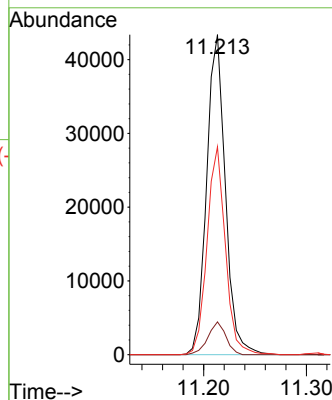
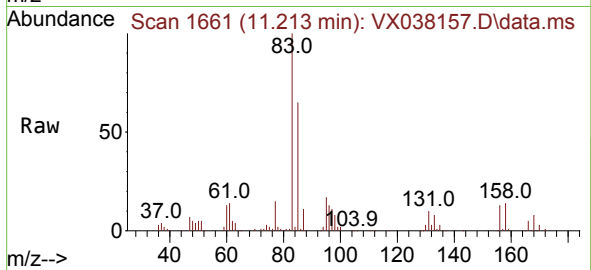




#71
1,1,2,2-Tetrachloroethane
Concen: 20.150 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

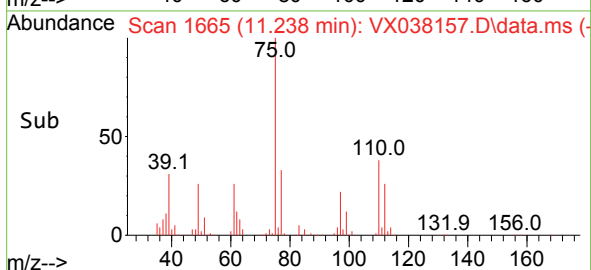
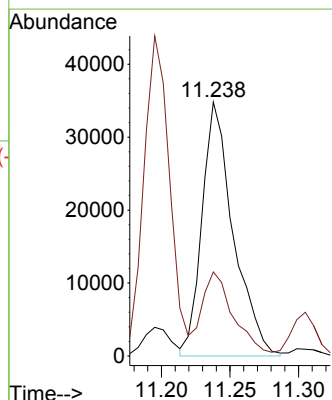
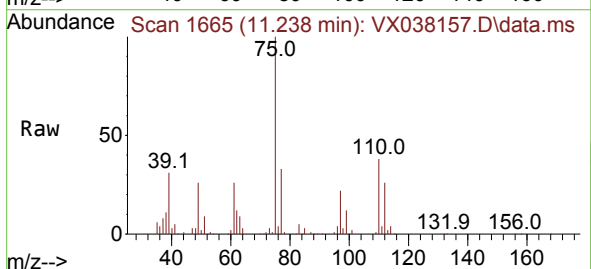
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

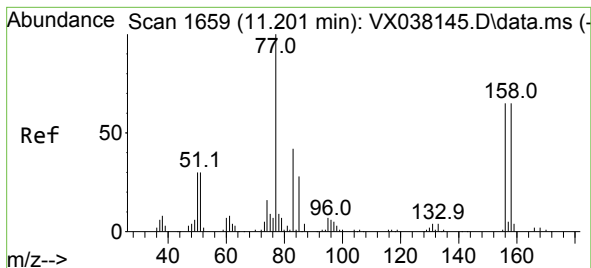
Tgt Ion: 83 Resp: 55020
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 63.8 32.4 97.0



#72
1,2,3-Trichloropropane
Concen: 22.306 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 75 Resp: 55392
Ion Ratio Lower Upper
75 100
77 33.6 0.0 77.2





#73

Bromobenzene

Concen: 19.385 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

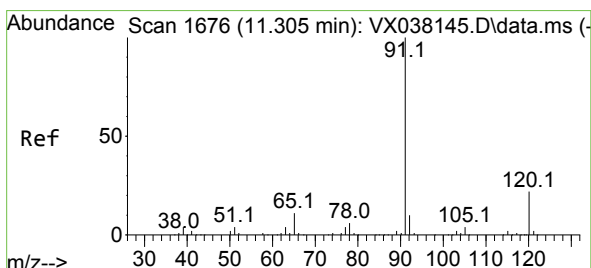
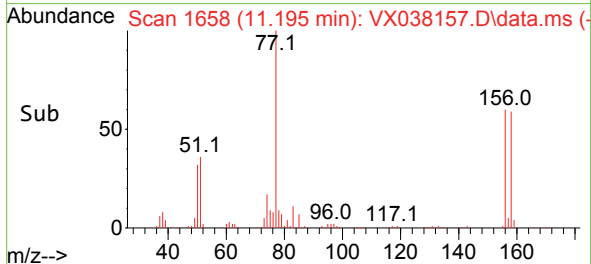
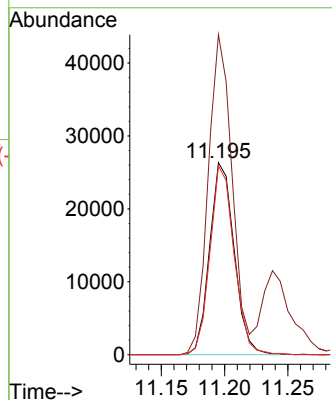
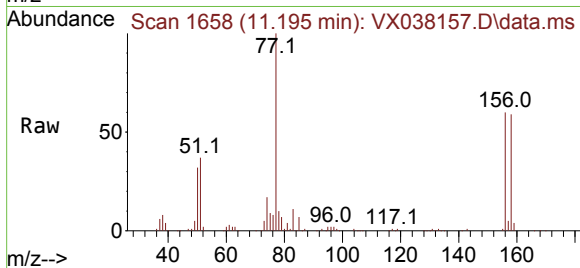
Tgt Ion:156 Resp: 35559

Ion Ratio Lower Upper

156 100

77 161.8 0.0 333.0

158 96.6 0.0 196.4



#74

n-propylbenzene

Concen: 19.987 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038157.D

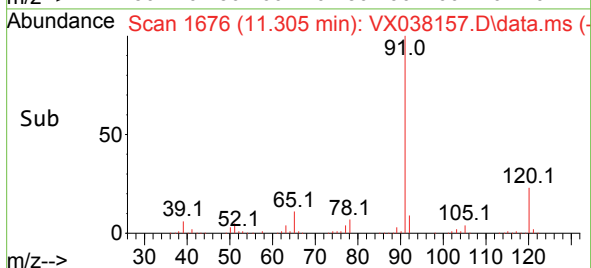
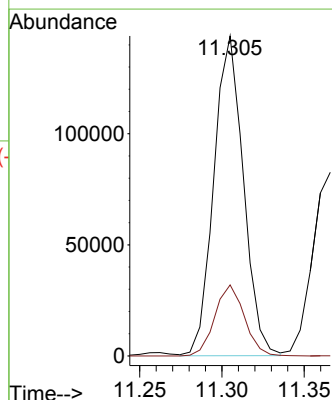
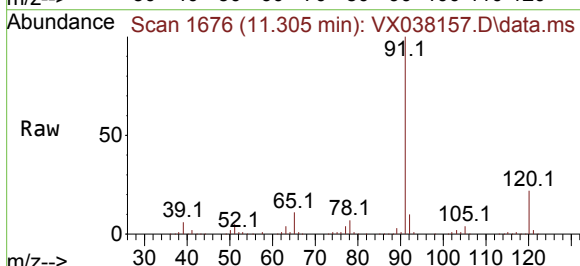
Acq: 07 Oct 2023 04:29

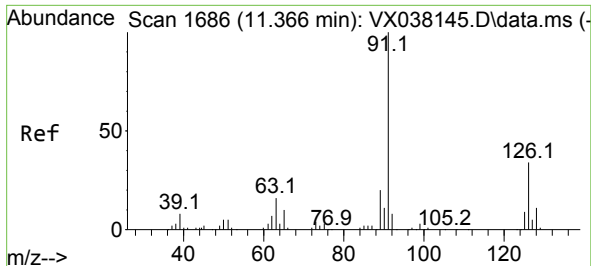
Tgt Ion: 91 Resp: 179933

Ion Ratio Lower Upper

91 100

120 22.3 0.0 46.6

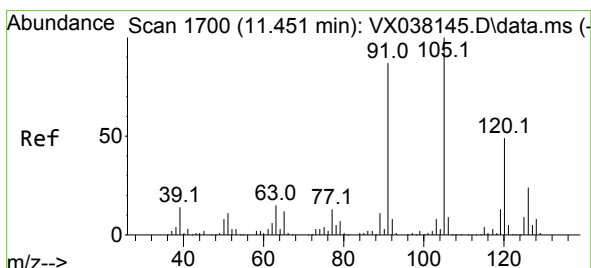
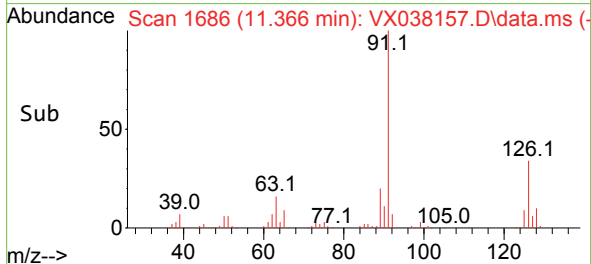
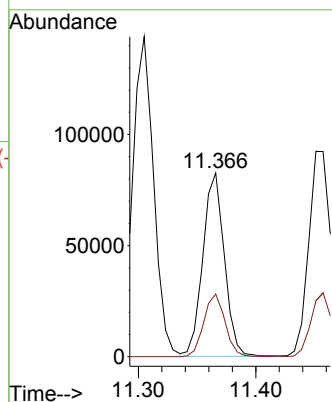
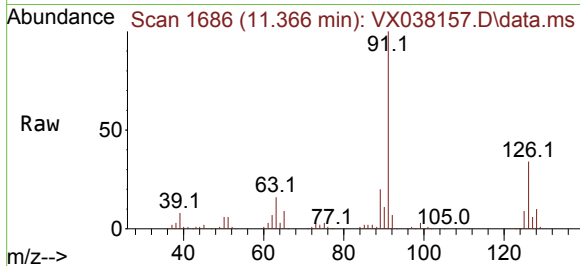




#75
2-Chlorotoluene
Concen: 19.853 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

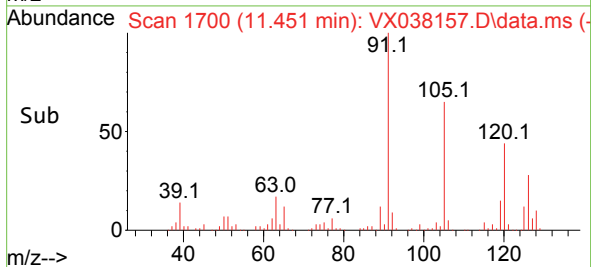
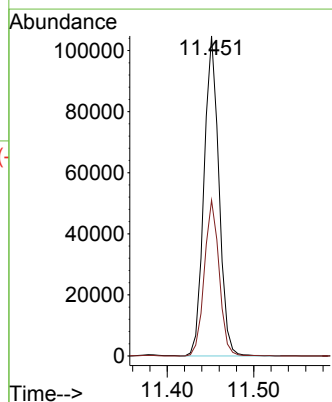
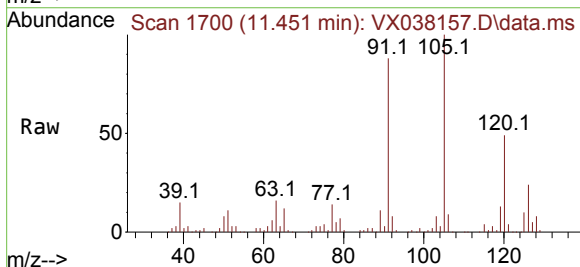
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

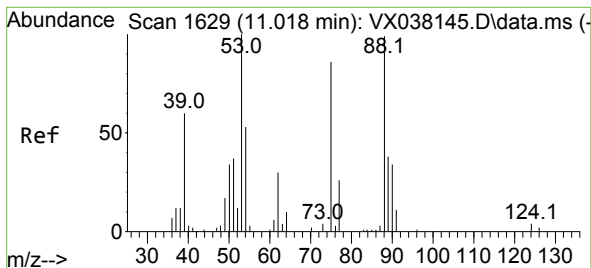
Tgt Ion: 91 Resp: 105018
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 19.331 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 105 Resp: 125144
Ion Ratio Lower Upper
105 100
120 48.2 0.0 96.4

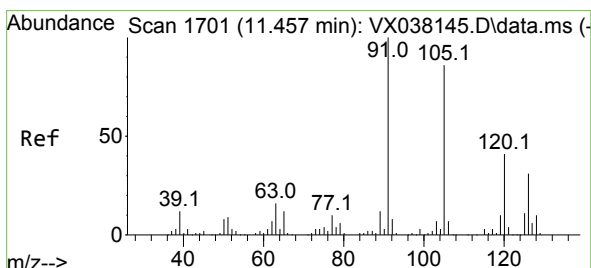
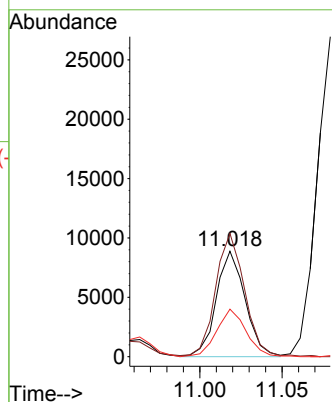
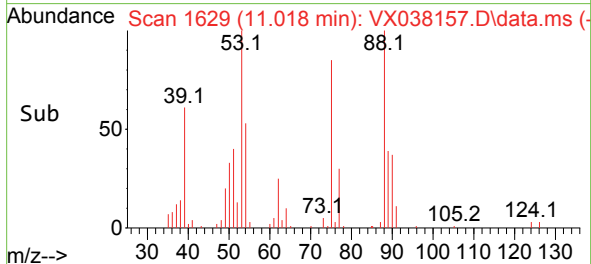
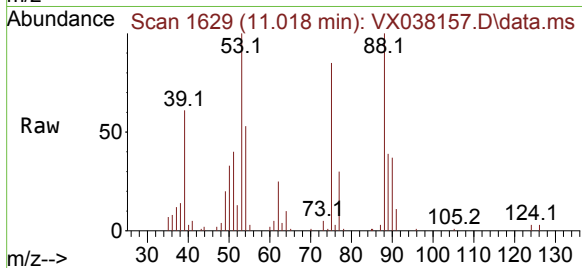




#77
t-1,4-Dichloro-2-butene
Concen: 16.057 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

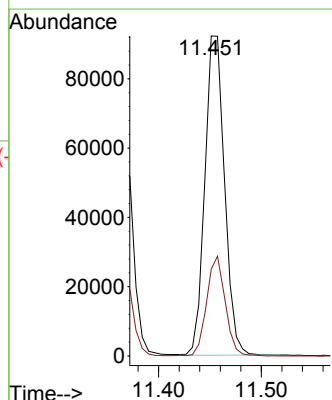
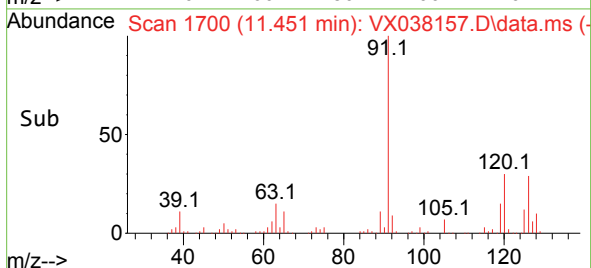
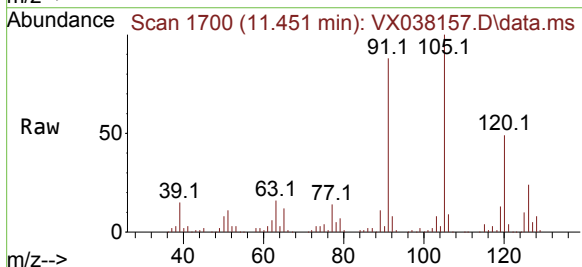
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

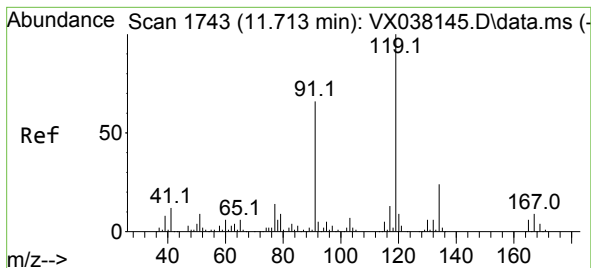
Tgt Ion: 75 Resp: 10854
Ion Ratio Lower Upper
75 100
53 116.5 53.9 161.7
89 45.4 22.1 66.1



#78
4-Chlorotoluene
Concen: 19.560 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 91 Resp: 123045
Ion Ratio Lower Upper
91 100
126 29.3 0.0 59.4





#79

tert-butylbenzene

Concen: 19.500 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

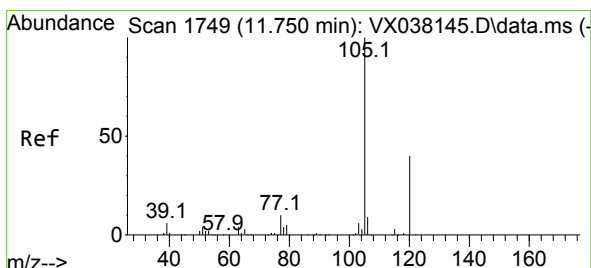
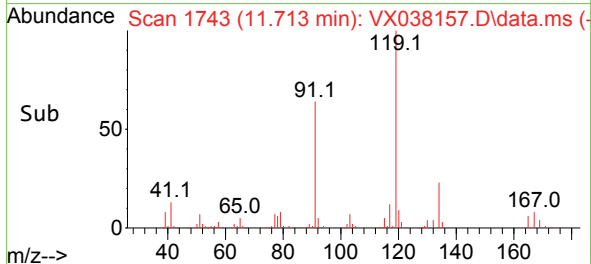
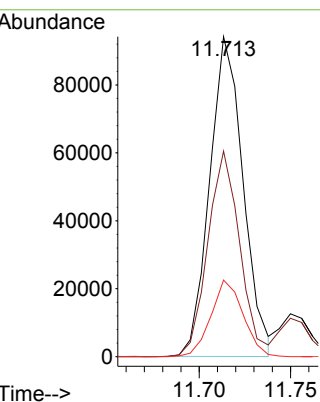
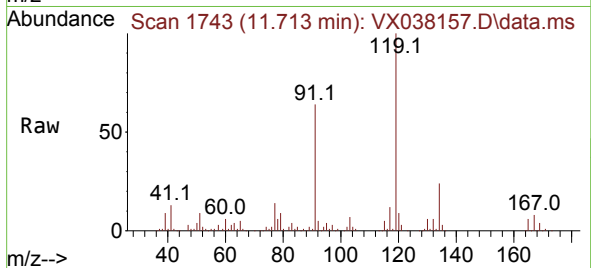
Tgt Ion:119 Resp: 119915

Ion Ratio Lower Upper

119 100

91 61.3 0.0 124.4

134 23.1 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 20.047 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038157.D

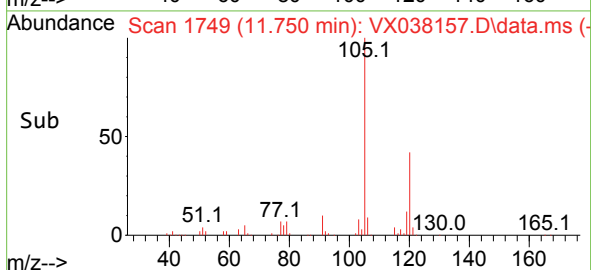
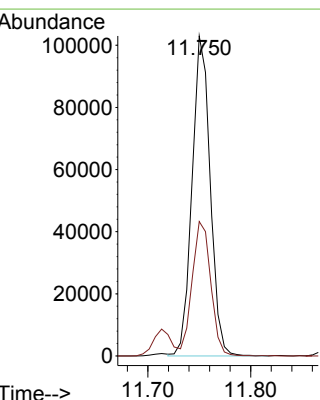
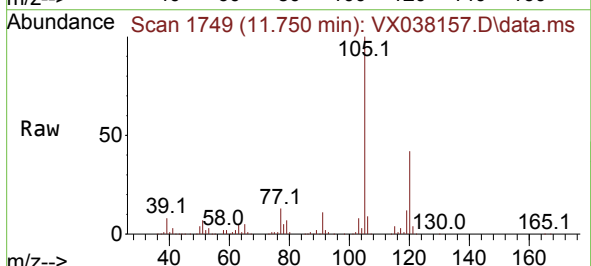
Acq: 07 Oct 2023 04:29

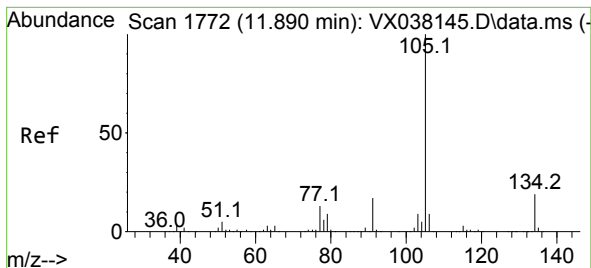
Tgt Ion:105 Resp: 126717

Ion Ratio Lower Upper

105 100

120 42.9 0.0 90.2

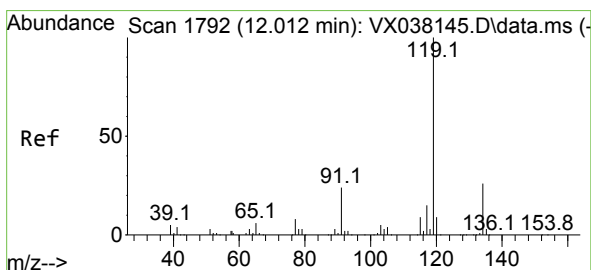
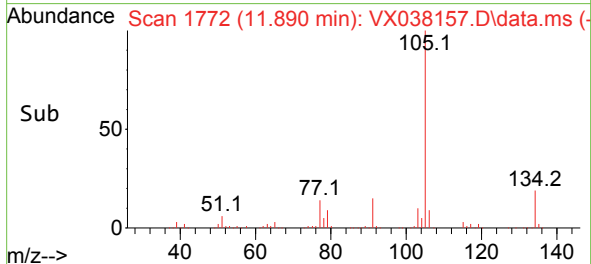
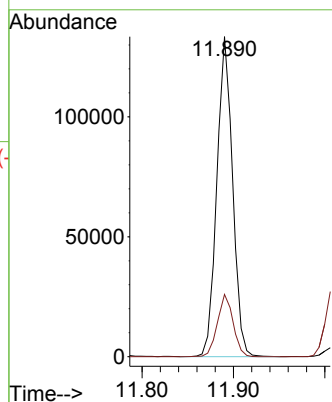
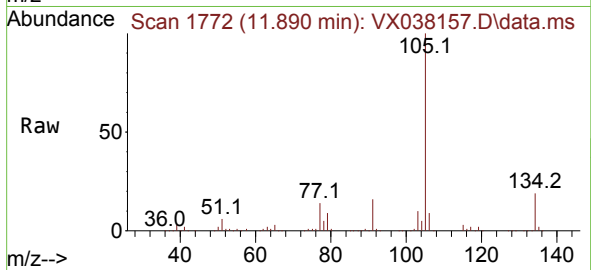




#81
 sec-Butylbenzene
 Concen: 19.845 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

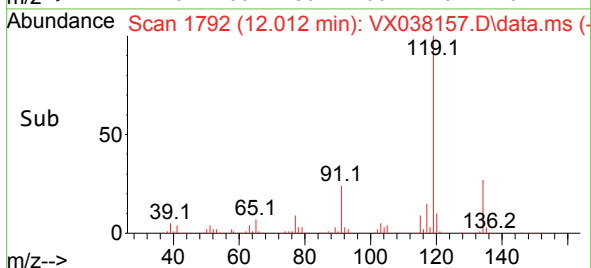
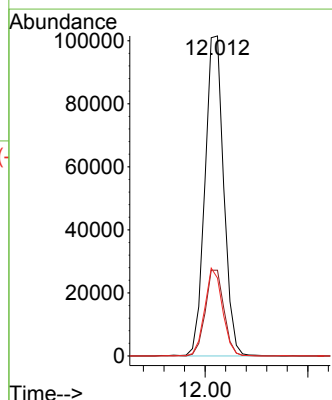
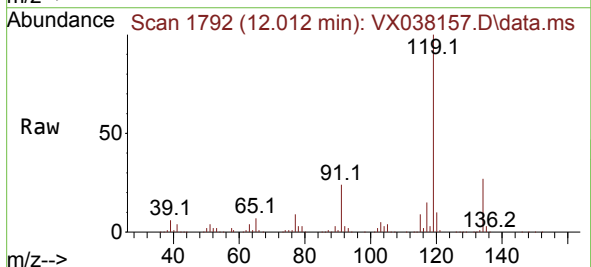
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

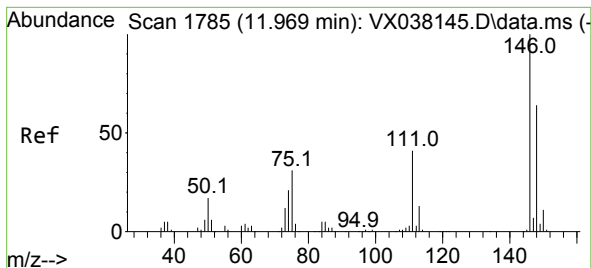
Tgt Ion:105 Resp: 159649
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.369 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038157.D
 Acq: 07 Oct 2023 04:29

Tgt Ion:119 Resp: 128816
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 26.0 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 19.457 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038157.D

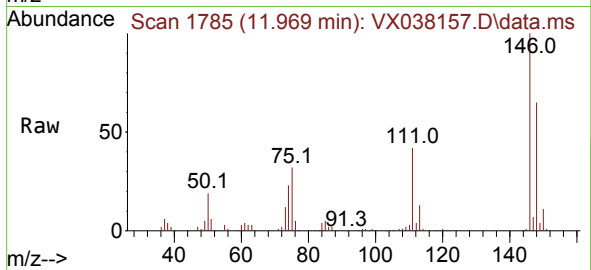
Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



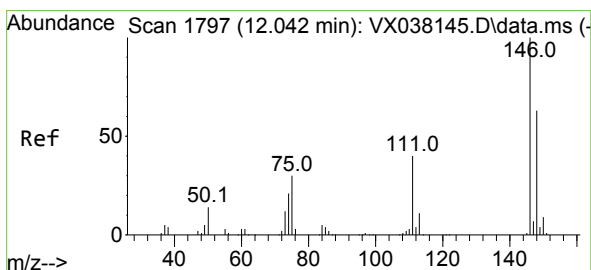
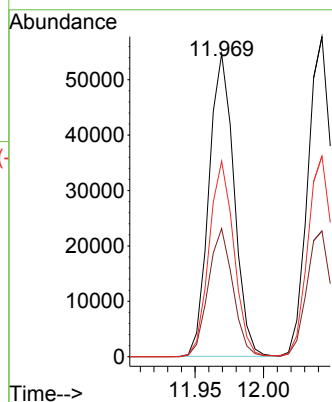
Tgt Ion:146 Resp: 69609

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.2

148 64.1 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 19.719 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

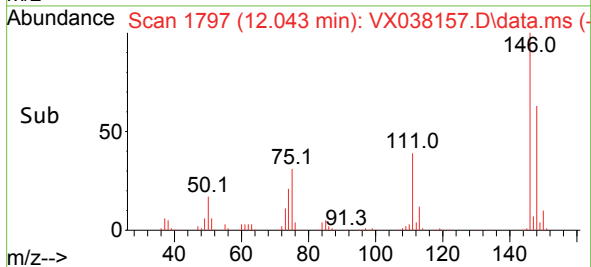
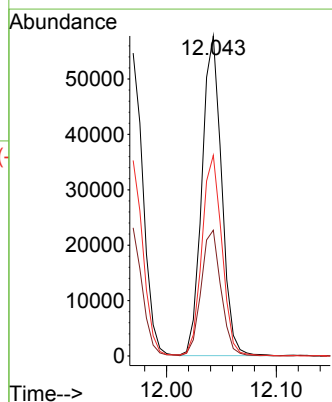
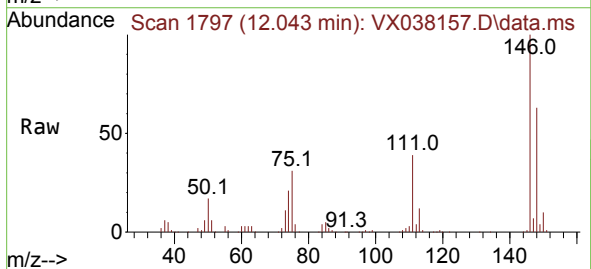
Tgt Ion:146 Resp: 71830

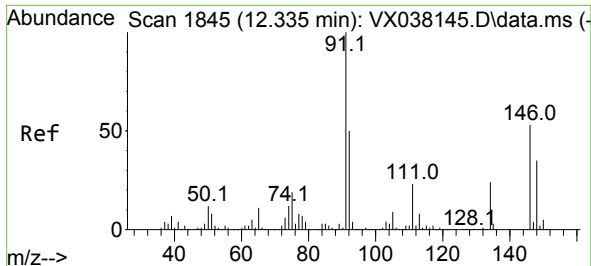
Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.6

148 63.9 32.1 96.3

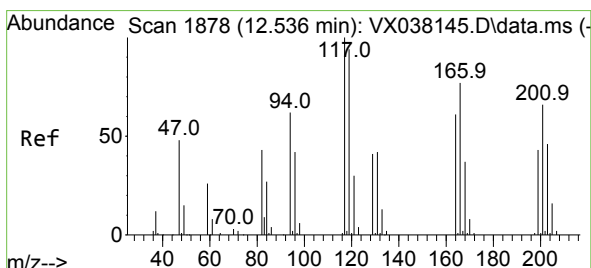
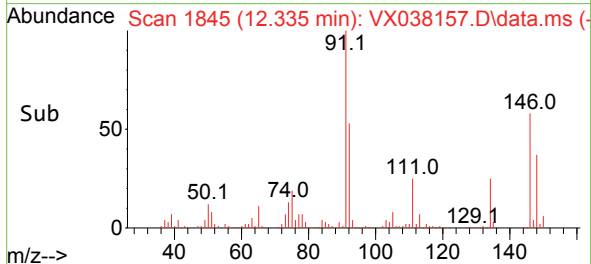
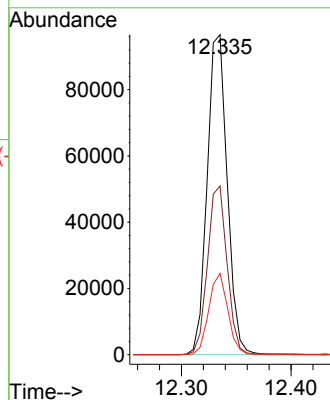
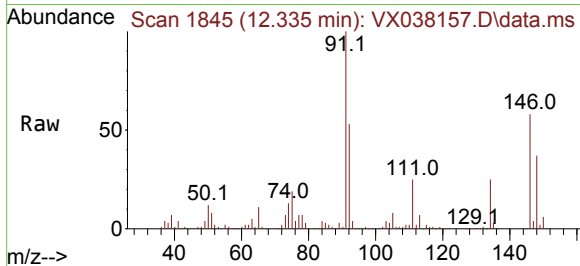




#85
n-Butylbenzene
Concen: 19.326 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

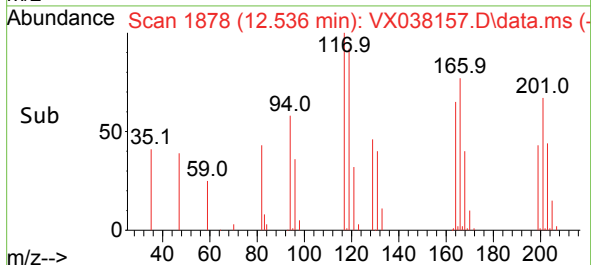
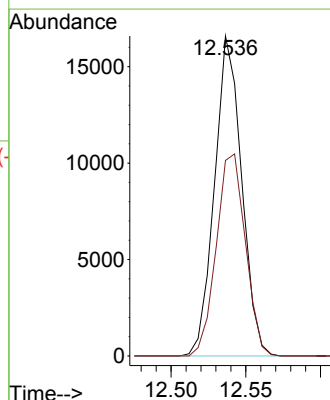
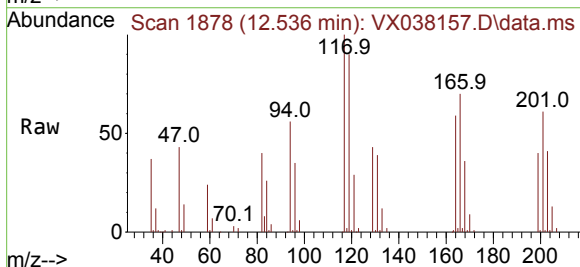
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

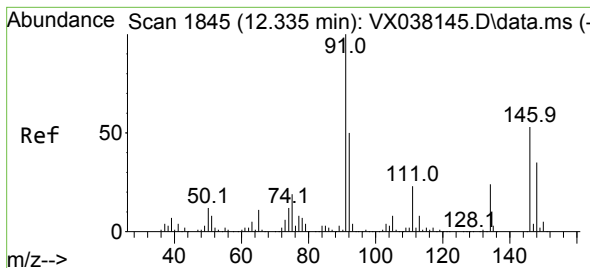
Tgt Ion: 91 Resp: 122642
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.2
134 23.9 0.0 51.4



#86
Hexachloroethane
Concen: 19.008 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion: 117 Resp: 20898
Ion Ratio Lower Upper
117 100
201 67.9 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 19.721 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

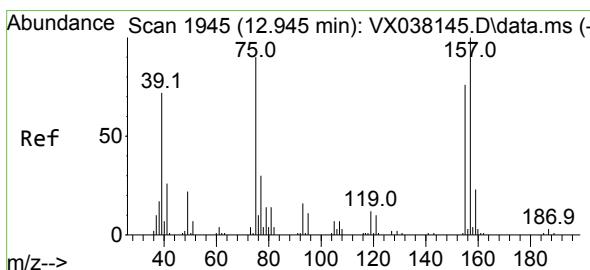
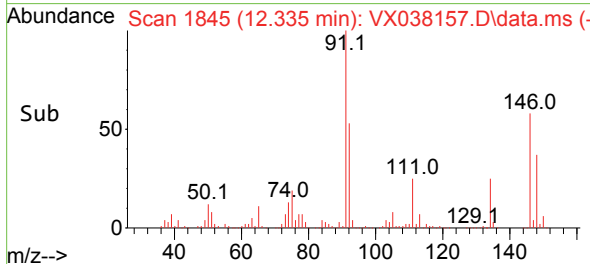
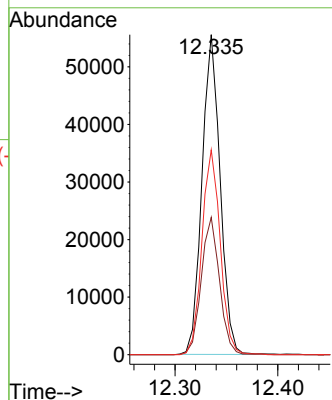
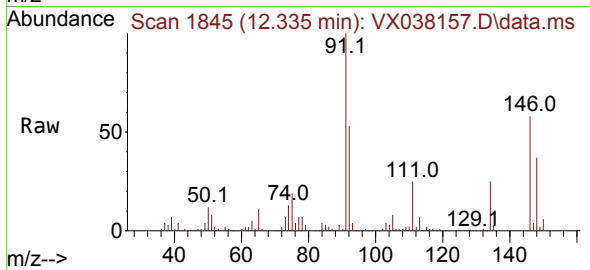
Tgt Ion:146 Resp: 68385

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.3

148 64.5 33.2 99.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.992 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX038157.D

Acq: 07 Oct 2023 04:29

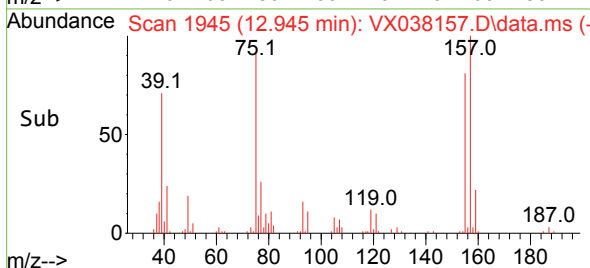
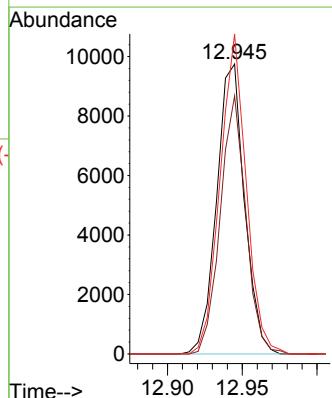
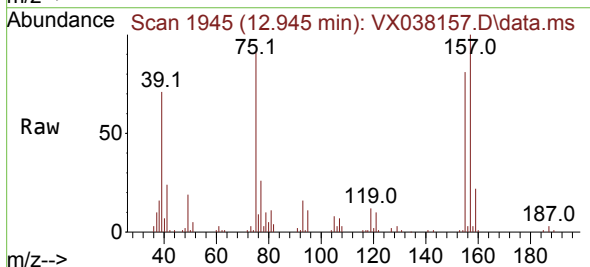
Tgt Ion: 75 Resp: 12642

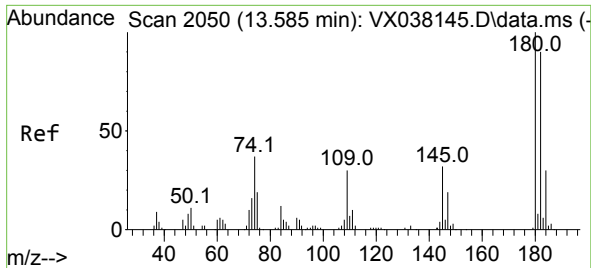
Ion Ratio Lower Upper

75 100

155 81.6 62.7 94.1

157 103.5 81.5 122.3

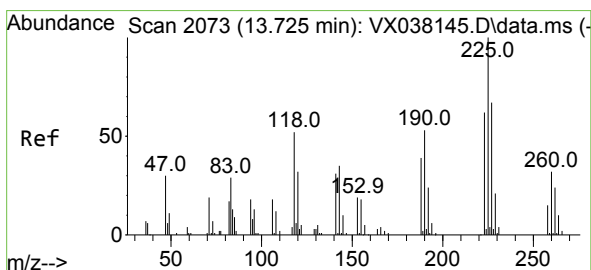
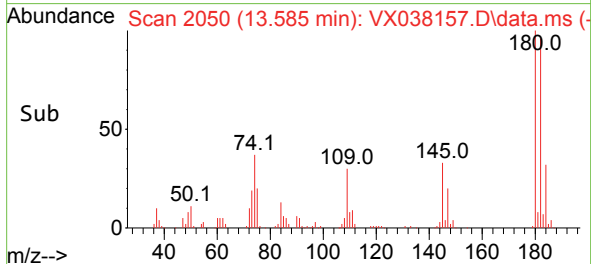
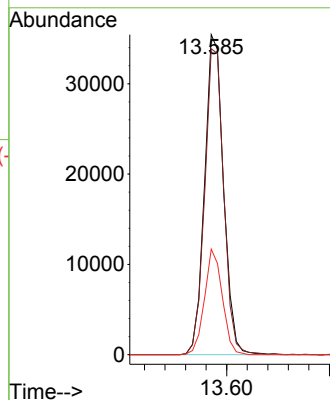
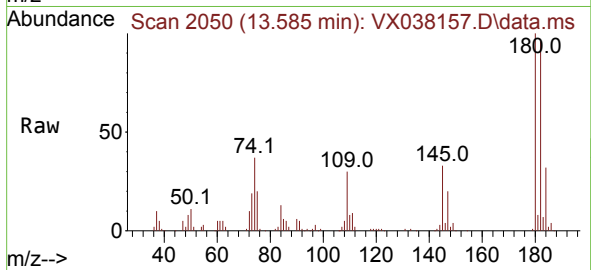




#89
1,2,4-Trichlorobenzene
Concen: 20.102 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

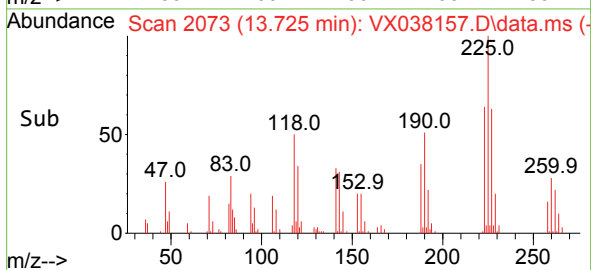
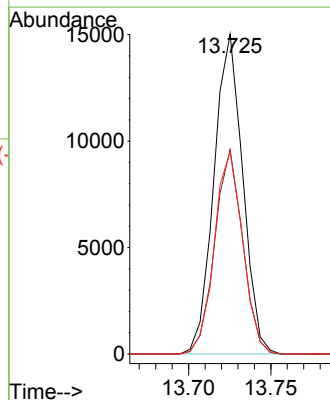
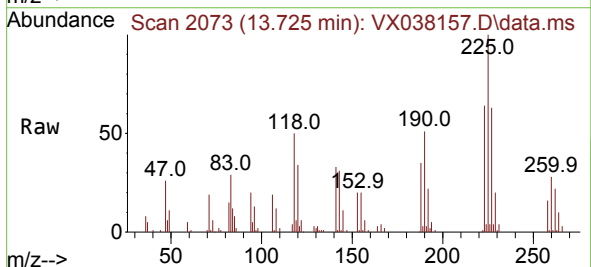
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

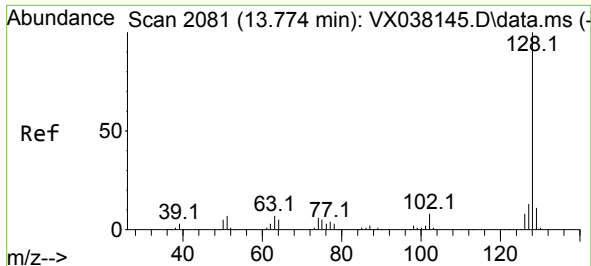
Tgt Ion:180 Resp: 45253
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
145 31.1 25.4 38.2



#90
Hexachlorobutadiene
Concen: 20.181 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

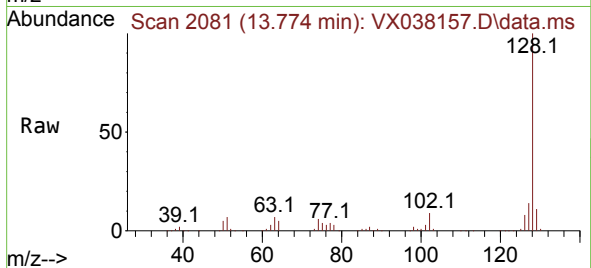
Tgt Ion:225 Resp: 18274
Ion Ratio Lower Upper
225 100
223 62.1 0.0 124.2
227 62.2 0.0 120.4



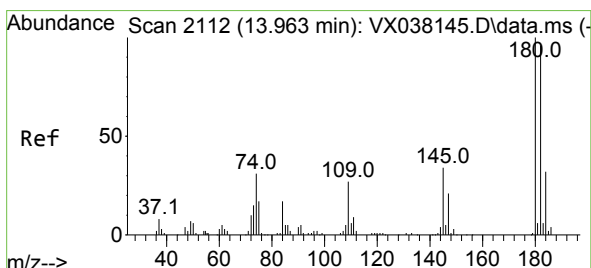
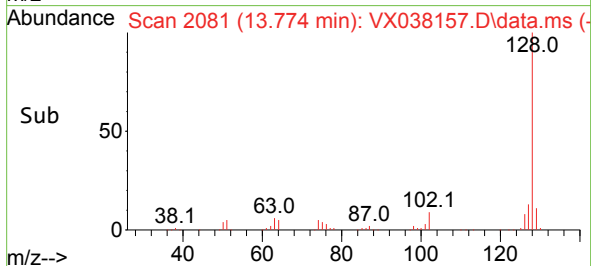
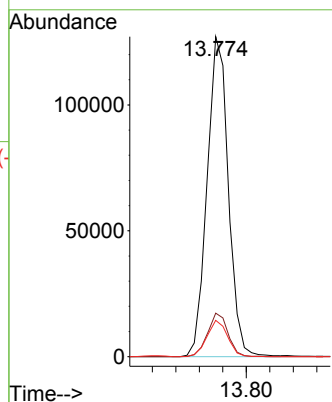


#91
Naphthalene
Concen: 20.721 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 159754
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.598 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038157.D
Acq: 07 Oct 2023 04:29

Tgt Ion:180 Resp: 45391
Ion Ratio Lower Upper
180 100
182 94.4 0.0 190.6
145 32.5 0.0 66.8

