

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036850.D
 Acq On : 07 Aug 2023 20:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 01:41:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79296	78.035	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 156.060%#	
35) Dibromofluoromethane	5.385	113	61902	56.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.940%	
50) Toluene-d8	8.647	98	179323	46.541	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.080%	
62) 4-Bromofluorobenzene	11.079	95	81957	56.379	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30711	33.851	ug/l	93
3) Chloromethane	1.301	50	62264	75.456	ug/l	99
4) Vinyl Chloride	1.374	62	48458	57.680	ug/l	100
5) Bromomethane	1.599	94	30786	61.380	ug/l	97
6) Chloroethane	1.672	64	32345	79.189	ug/l	98
7) Trichlorofluoromethane	1.880	101	56424	43.491	ug/l	99
8) Diethyl Ether	2.136	74	49817	99.249	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	27088	34.752	ug/l	98
10) Methyl Iodide	2.447	142	76932	95.025	ug/l	95
11) Tert butyl alcohol	2.971	59	137388	571.092	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	42512	55.282	ug/l	90
13) Acrolein	2.239	56	70265	511.787	ug/l	98
14) Allyl chloride	2.660	41	106967	70.639	ug/l	94
15) Acrylonitrile	3.069	53	249437	515.581	ug/l	99
16) Acetone	2.386	43	218345	517.812	ug/l	92
17) Carbon Disulfide	2.508	76	119680	56.389	ug/l	99
18) Methyl Acetate	2.703	43	176404	99.445	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	285974	98.960	ug/l	98
20) Methylene Chloride	2.788	84	85450	91.120	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	60653	70.571	ug/l	92
22) Diisopropyl ether	3.764	45	237960	82.764	ug/l #	89
23) Vinyl Acetate	3.721	43	1025767	465.101	ug/l	95
24) 1,1-Dichloroethane	3.611	63	129251	80.180	ug/l	98
25) 2-Butanone	4.556	43	349992	511.584	ug/l	92
26) 2,2-Dichloropropane	4.477	77	80317	52.877	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	87504	85.719	ug/l	89
28) Bromochloromethane	4.897	49	58951	75.615	ug/l	84
29) Tetrahydrofuran	5.007	42	222738	504.990	ug/l	88
30) Chloroform	5.093	83	146320	88.721	ug/l	97
31) Cyclohexane	5.471	56	44155	31.383	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	96266	63.704	ug/l	98
36) 1,1-Dichloropropene	5.690	75	67080	41.422	ug/l	98
37) Ethyl Acetate	4.715	43	136130	74.268	ug/l	96
38) Carbon Tetrachloride	5.672	117	69732	40.502	ug/l	94
39) Methylcyclohexane	7.379	83	41203	20.461	ug/l	90
40) Benzene	6.037	78	287744	61.070	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71997	73.441	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	130636	75.833	ug/l	96
43) Isopropyl Acetate	6.342	43	221475	70.194	ug/l #	95
44) Trichloroethene	7.129	130	67226	54.585	ug/l	96
45) 1,2-Dichloropropane	7.427	63	81298	64.626	ug/l	99
46) Dibromomethane	7.580	93	66614	75.662	ug/l	95
47) Bromodichloromethane	7.824	83	124342	68.804	ug/l	94
48) Methyl methacrylate	7.696	41	105314	71.772	ug/l #	88
49) 1,4-Dioxane	7.659	88	55058	1857.381	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	667862	382.495	ug/l	94
52) Toluene	8.720	92	175569	59.469	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	140059	68.570	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	142931	66.315	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	92657	74.662	ug/l	96
56) Ethyl methacrylate	9.116	69	151720	75.078	ug/l	92
57) 1,3-Dichloropropane	9.311	76	154593	74.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	342366	343.838	ug/l	95
59) 2-Hexanone	9.433	43	515076	397.476	ug/l	92
60) Dibromochloromethane	9.519	129	102731	75.315	ug/l	99
61) 1,2-Dibromoethane	9.610	107	101532	78.940	ug/l	100
64) Tetrachloroethene	9.275	164	51670	44.257	ug/l	98
65) Chlorobenzene	10.079	112	203359	58.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84650	63.477	ug/l	100
67) Ethyl Benzene	10.195	91	313375	49.719	ug/l	99
68) m/p-Xylenes	10.299	106	243509	103.546	ug/l	99
69) o-Xylene	10.640	106	132680	56.522	ug/l	98
70) Styrene	10.653	104	235179	60.724	ug/l	98
71) Bromoform	10.799	173	76439	70.809	ug/l #	99
73) Isopropylbenzene	10.963	105	268375	41.229	ug/l	98
74) N-amyl acetate	10.842	43	187337	61.716	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	149722	68.100	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	169168	91.440	ug/l	91
77) Bromobenzene	11.195	156	91199	61.521	ug/l	94
78) n-propylbenzene	11.305	91	302887	40.234	ug/l	100
79) 2-Chlorotoluene	11.366	91	234692	51.447	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	243804	44.771	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48463	59.374	ug/l	86
82) 4-Chlorotoluene	11.457	91	267216	51.410	ug/l	97
83) tert-Butylbenzene	11.713	119	214636	40.121	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	263868	48.451	ug/l	97
85) sec-Butylbenzene	11.890	105	219009	32.827	ug/l	98
86) p-Isopropyltoluene	12.006	119	197246	35.930	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	156491	56.997	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	162330	59.576	ug/l	99
89) n-Butylbenzene	12.335	91	158100	32.172	ug/l	99
90) Hexachloroethane	12.536	117	40919	36.767	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	165516	62.471	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38106	74.587	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	90042	55.161	ug/l	98
94) Hexachlorobutadiene	13.725	225	20674	30.614	ug/l	98
95) Naphthalene	13.774	128	417819	73.451	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95135	59.132	ug/l	99

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Response via : Initial Calibration

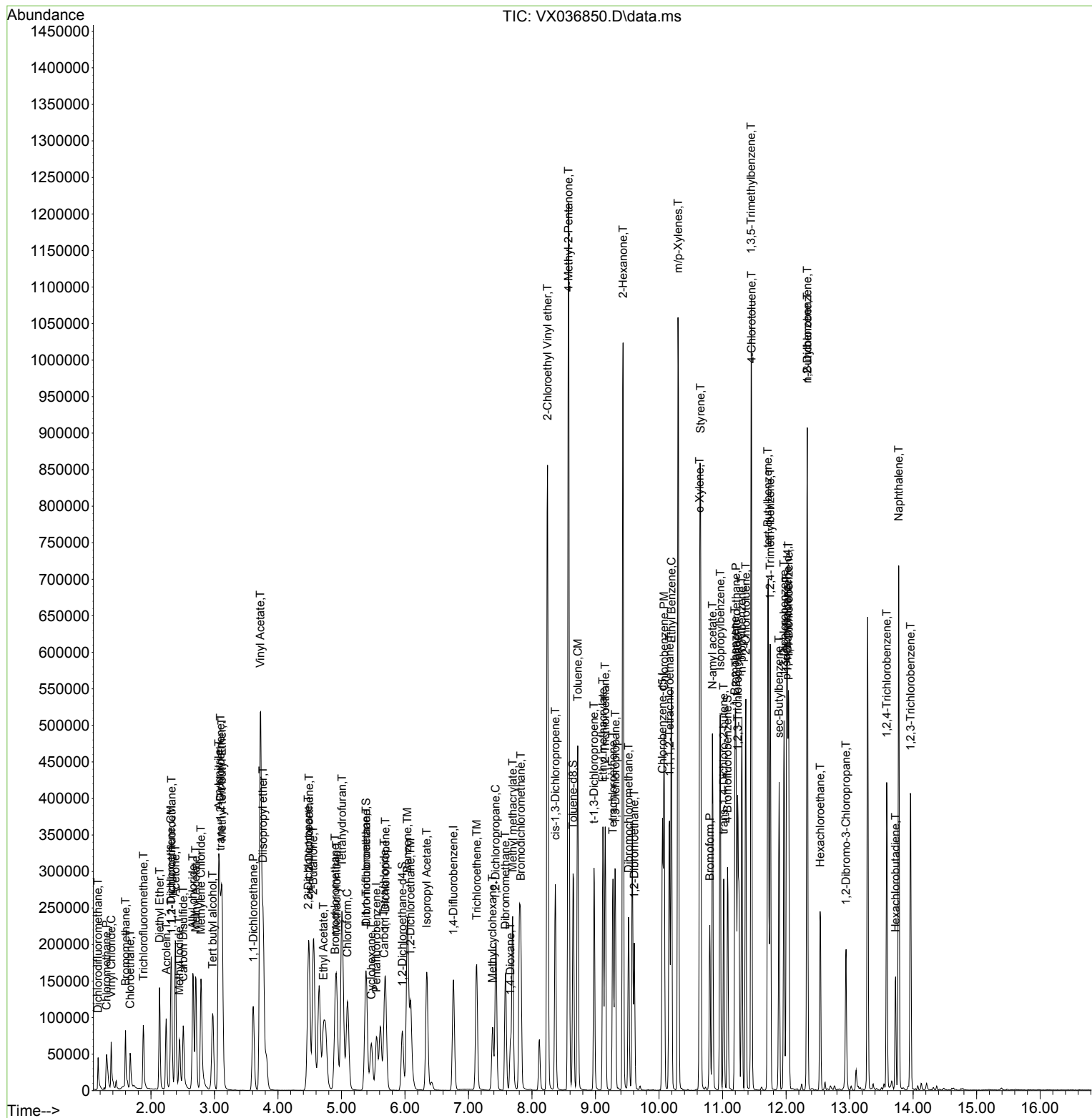
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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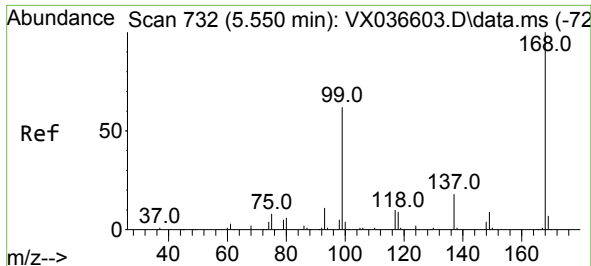
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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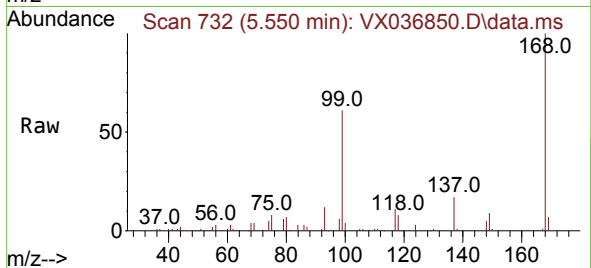
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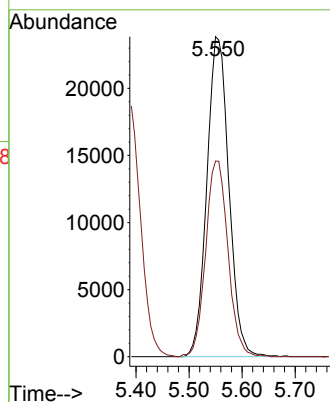
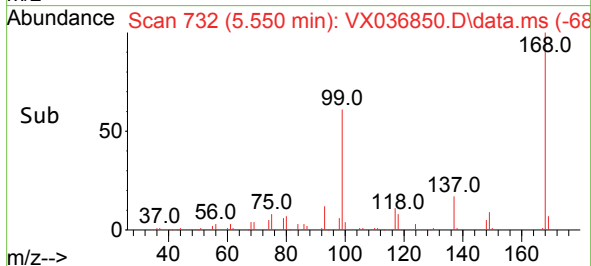


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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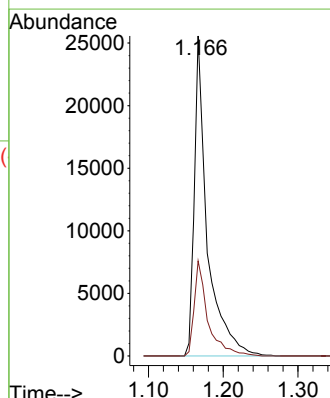
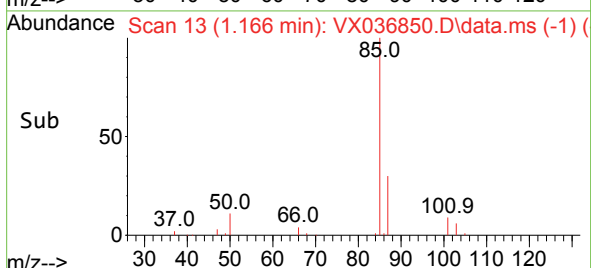
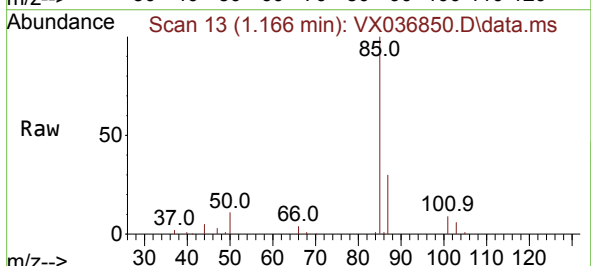


Tgt Ion:168 Resp: 68676
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 33.851 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 85 Resp: 30711
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1

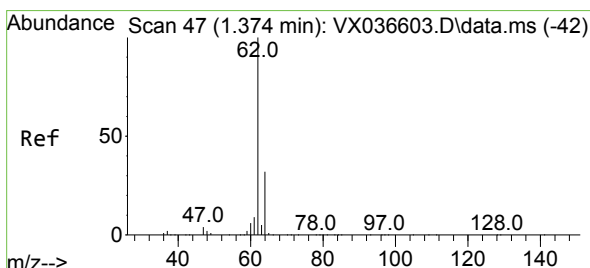
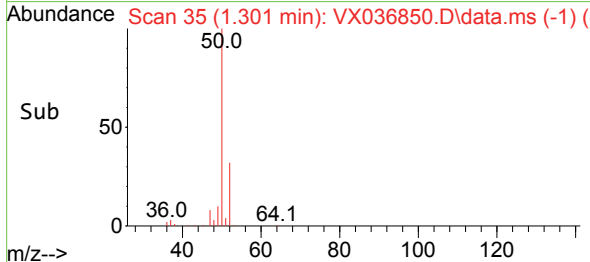
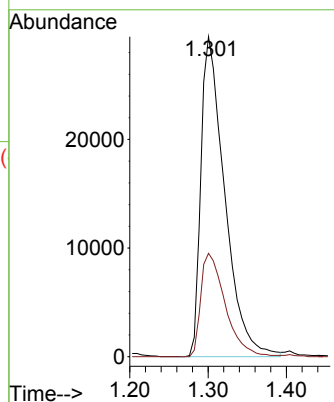
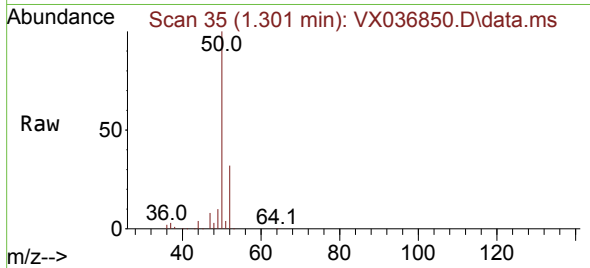




#3
Chloromethane
Concen: 75.456 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

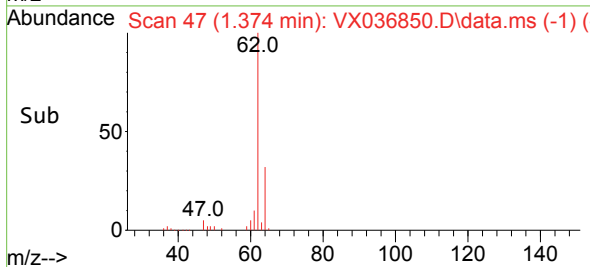
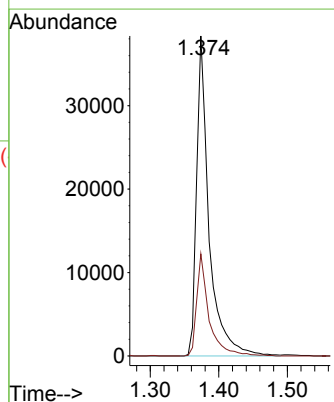
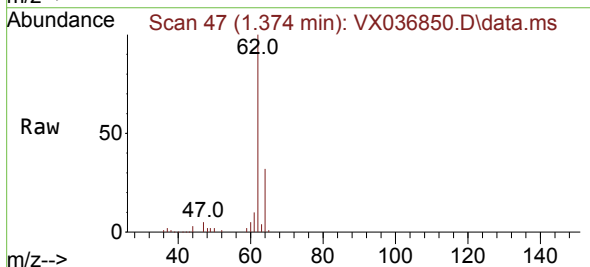
Instrument :
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Tgt Ion: 50 Resp: 62264
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 57.680 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 62 Resp: 48458
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

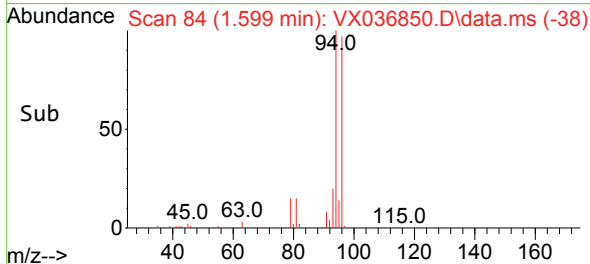
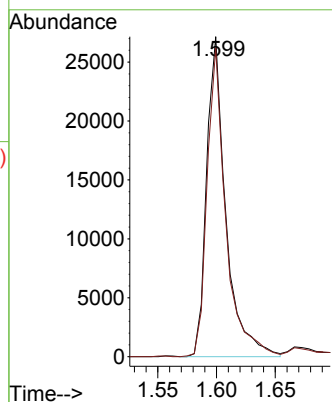
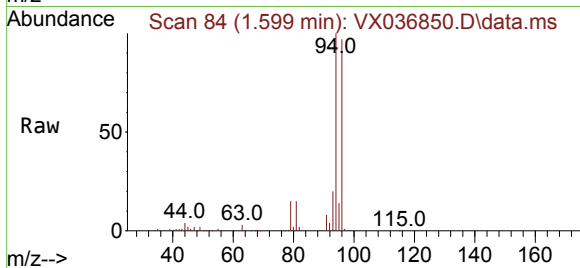




#5
Bromomethane
Concen: 61.380 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

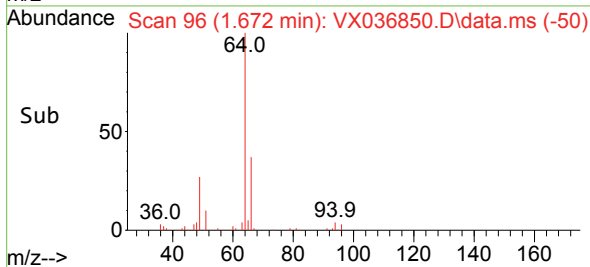
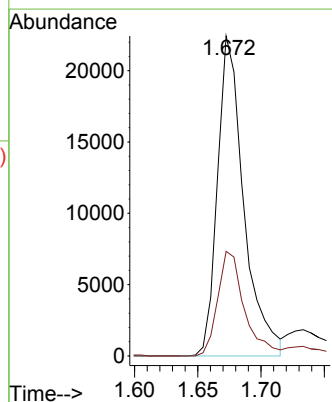
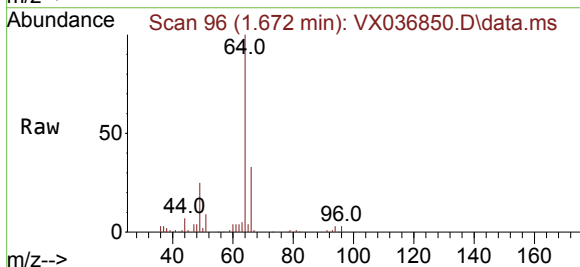
Instrument :
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Tgt Ion: 94 Resp: 30786
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8



#6
Chloroethane
Concen: 79.189 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 64 Resp: 32345
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7

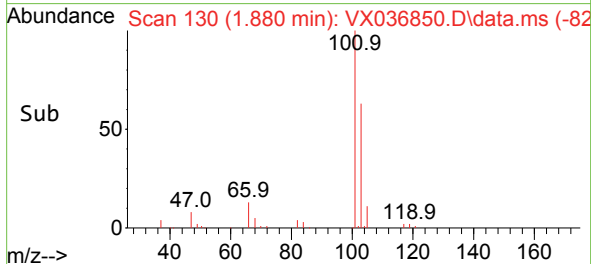
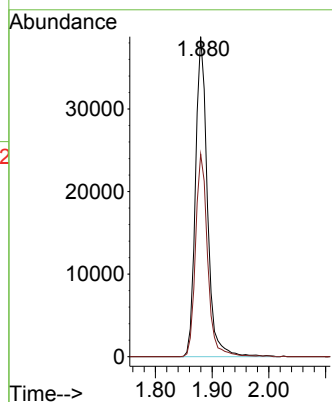
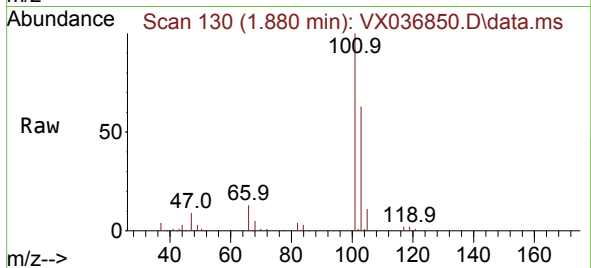




#7
Trichlorofluoromethane
Concen: 43.491 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036850.D
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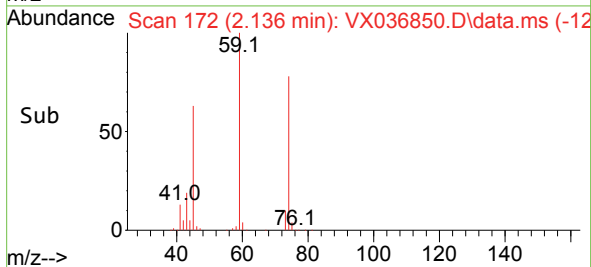
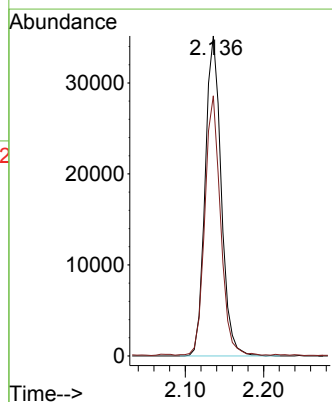
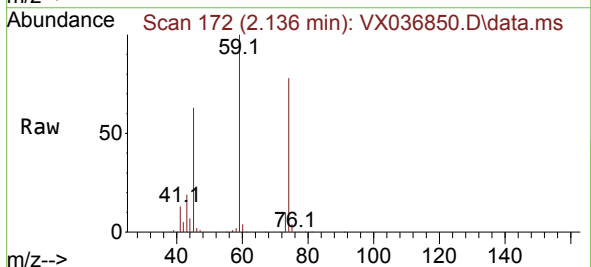
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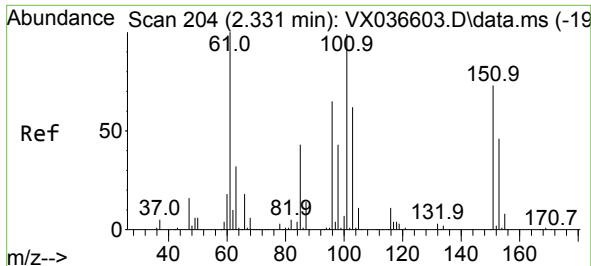
Tgt Ion:101 Resp: 56424
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2



#8
Diethyl Ether
Concen: 99.249 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 74 Resp: 49817
Ion Ratio Lower Upper
74 100
45 79.3 53.3 159.8

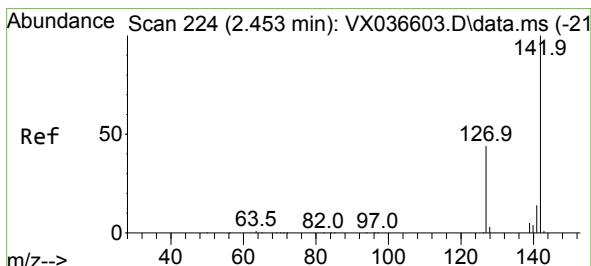
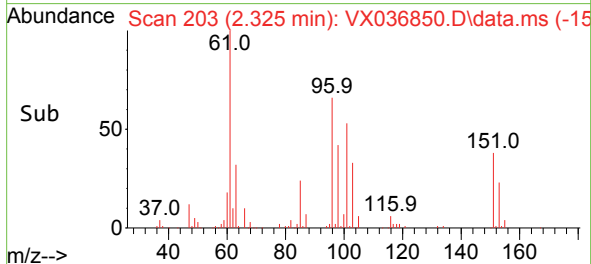
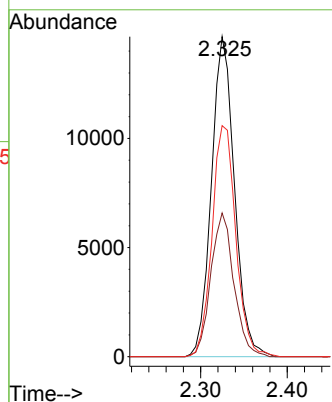
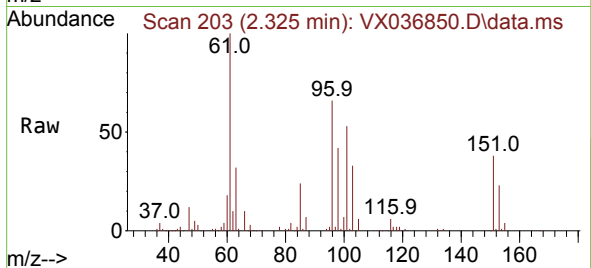




#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.752 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036850.D
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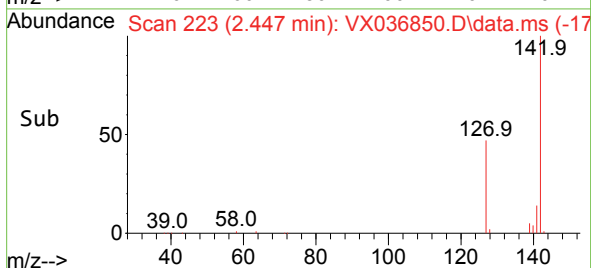
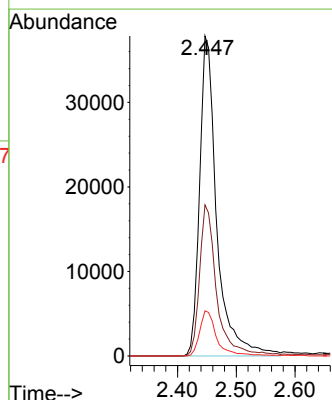
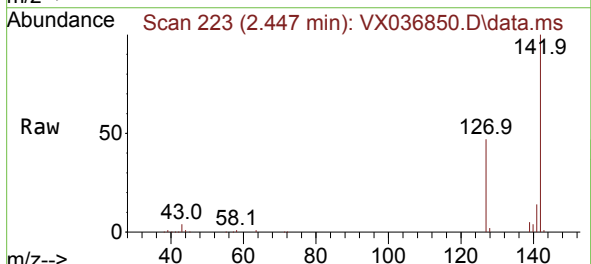
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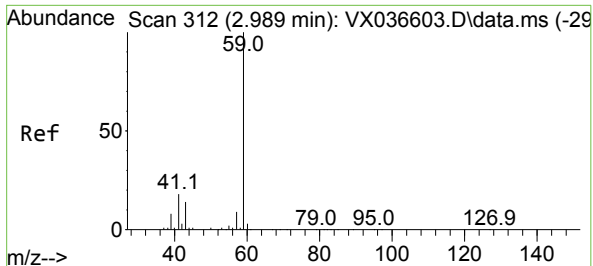
Tgt Ion:101 Resp: 27088
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 74.6 58.6 87.8



#10
Methyl Iodide
Concen: 95.025 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion:142 Resp: 76932
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 14.1 11.6 17.4

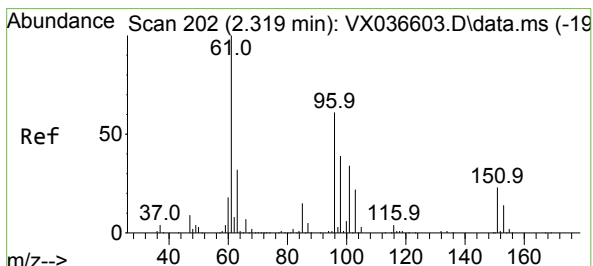
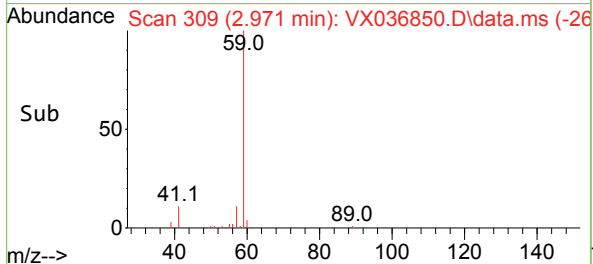
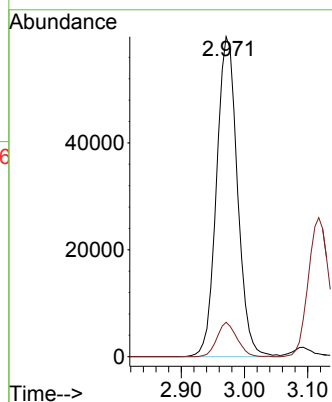
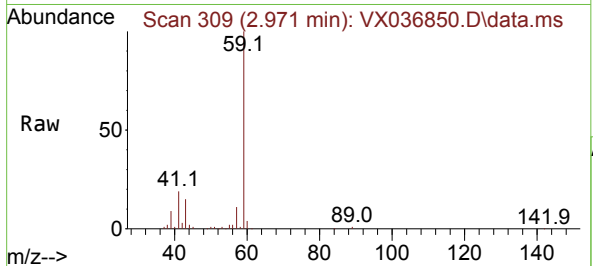




#11
Tert butyl alcohol
Concen: 571.092 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

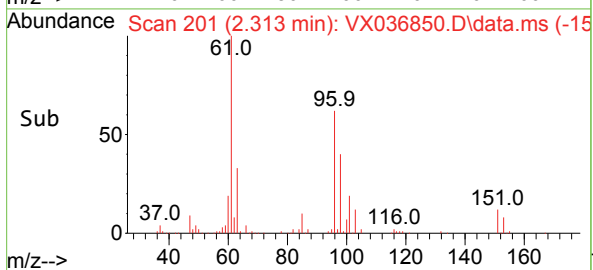
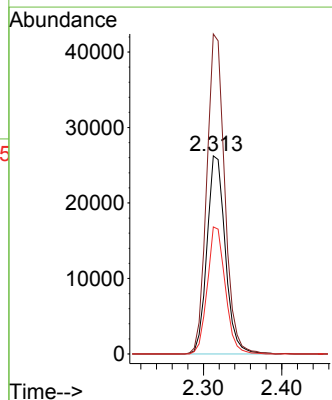
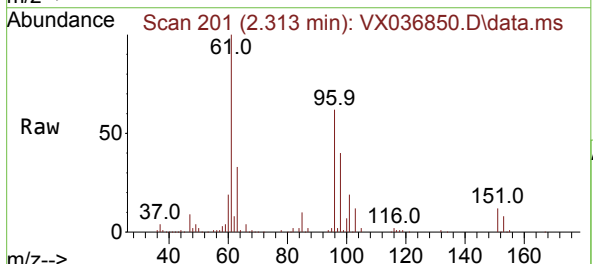
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 137388
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 55.282 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 96 Resp: 42512
Ion Ratio Lower Upper
96 100
61 161.6 144.6 216.8
98 64.2 50.4 75.6





#13

Acrolein

Concen: 511.787 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

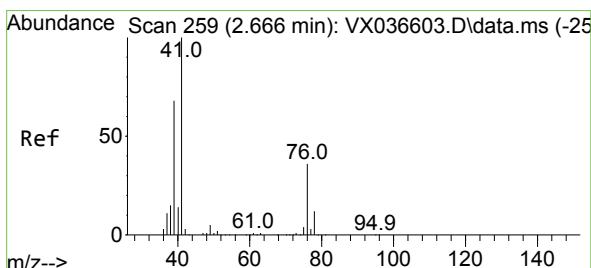
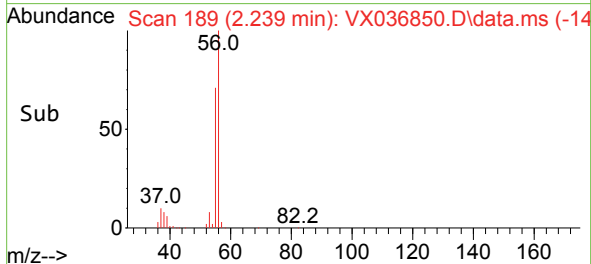
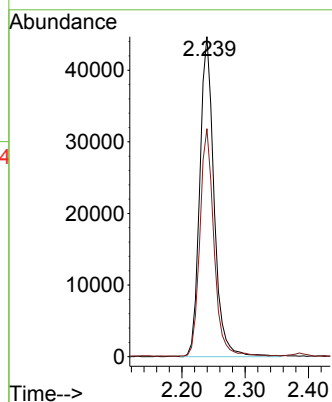
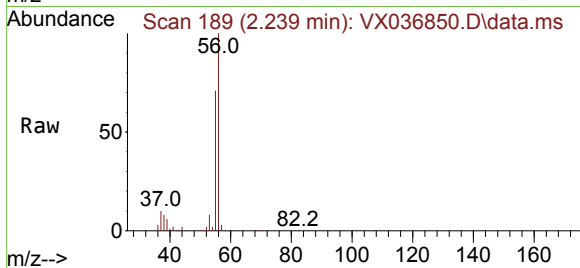
VSTDCCC050EC

Tgt Ion: 56 Resp: 70265

Ion Ratio Lower Upper

56 100

55 69.9 57.1 85.7



#14

Allyl chloride

Concen: 70.639 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

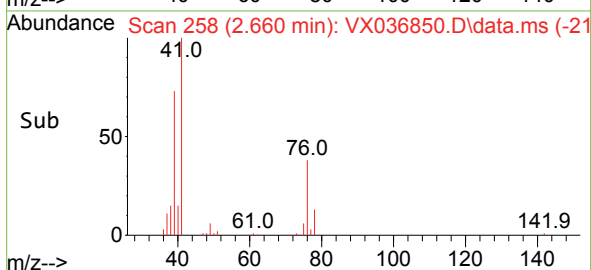
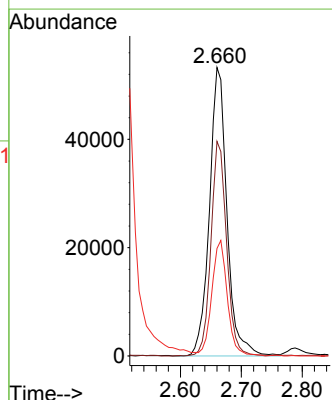
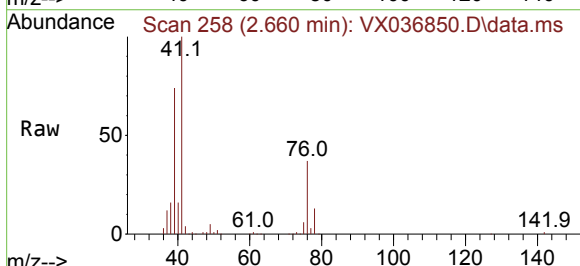
Tgt Ion: 41 Resp: 106967

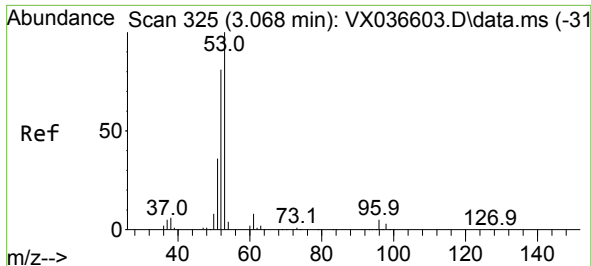
Ion Ratio Lower Upper

41 100

39 66.1 55.8 83.6

76 35.2 24.3 36.5

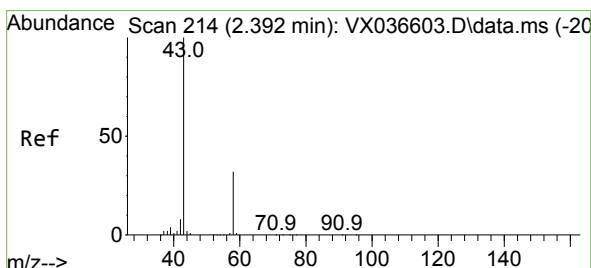
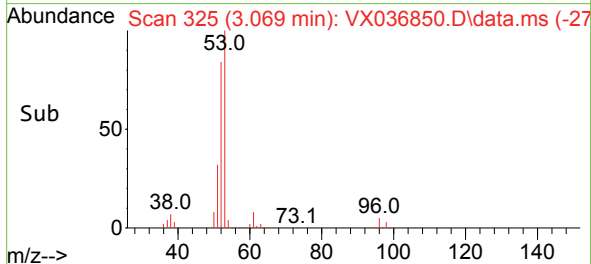
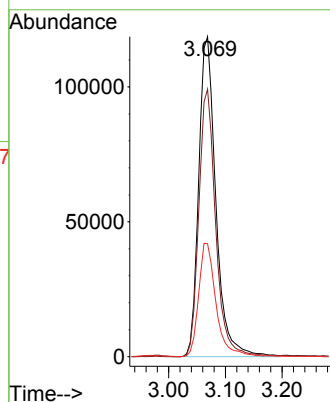
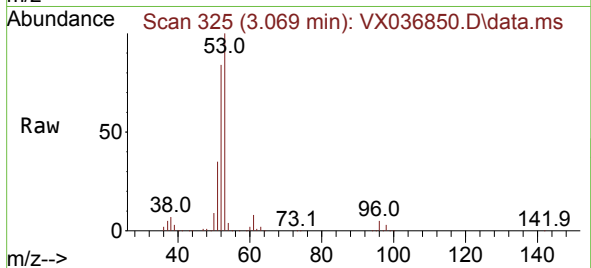




#15
Acrylonitrile
Concen: 515.581 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

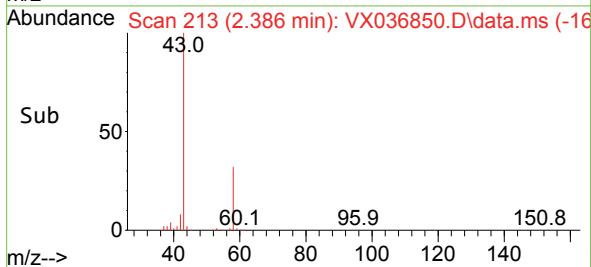
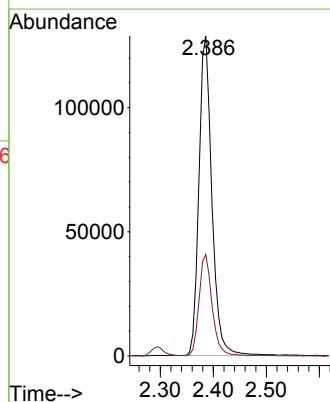
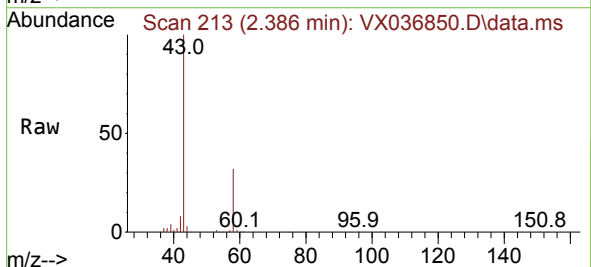
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

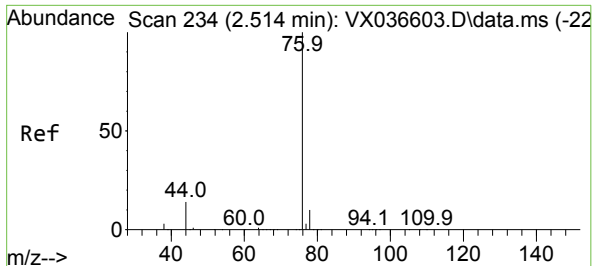
Tgt Ion: 53 Resp: 249437
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 517.812 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 43 Resp: 218345
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#17

Carbon Disulfide

Concen: 56.389 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

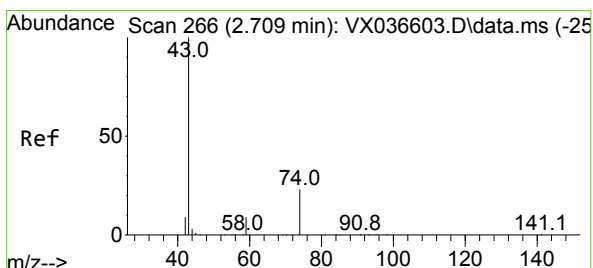
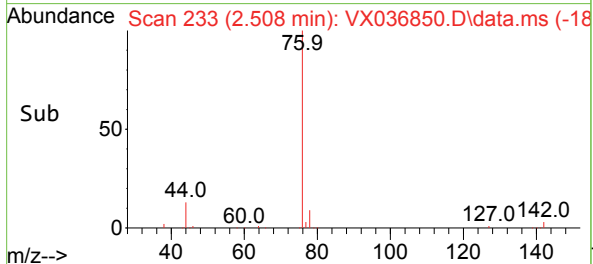
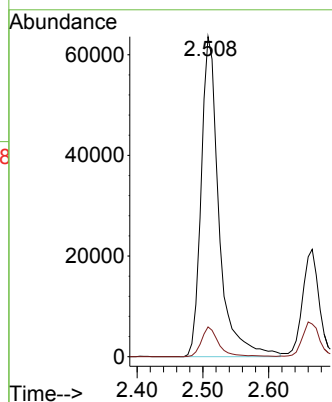
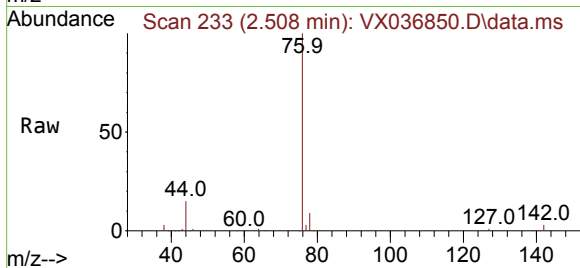
VSTDCCC050EC

Tgt Ion: 76 Resp: 119680

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 99.445 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036850.D

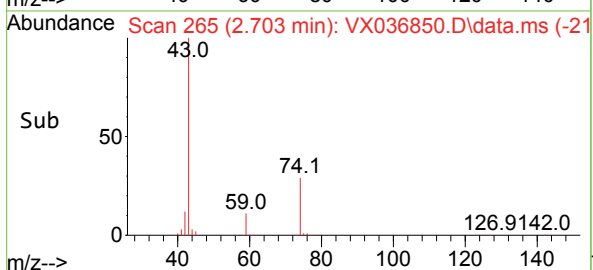
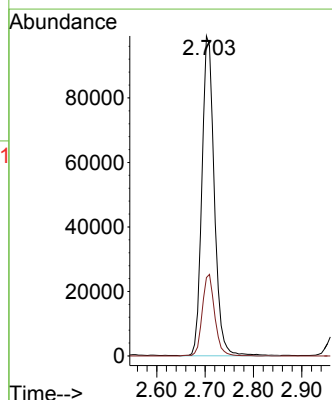
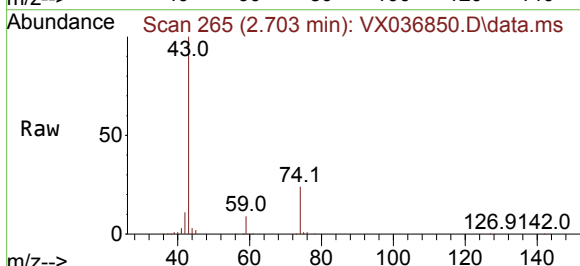
Acq: 07 Aug 2023 20:29

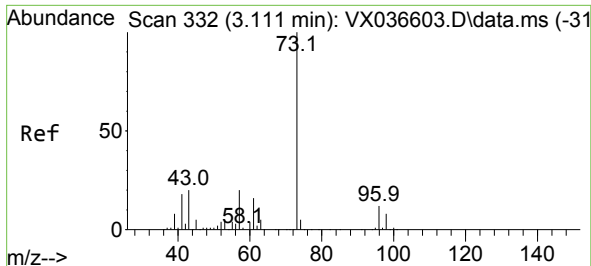
Tgt Ion: 43 Resp: 176404

Ion Ratio Lower Upper

43 100

74 25.7 17.8 26.8

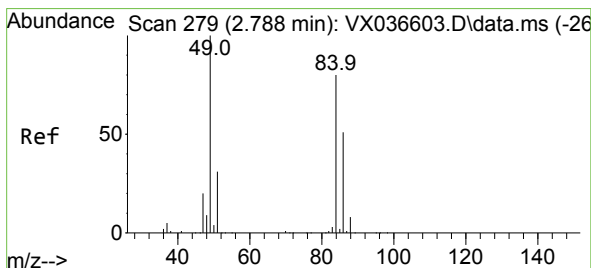
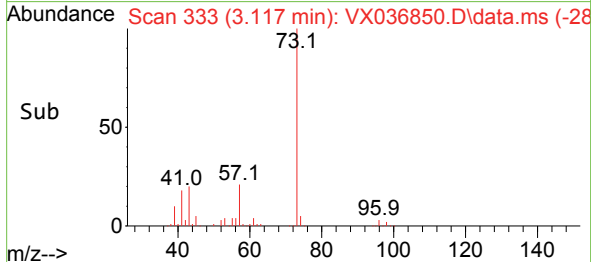
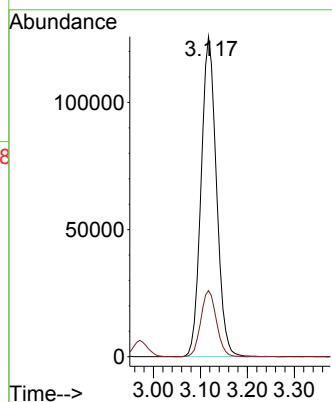
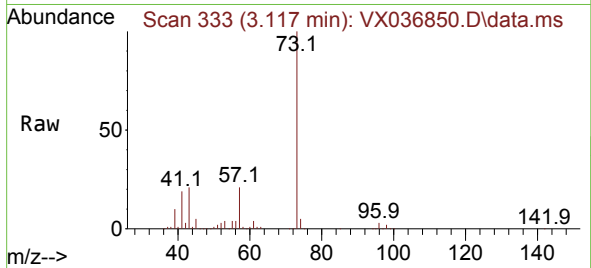




#19
Methyl tert-butyl Ether
Concen: 98.960 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

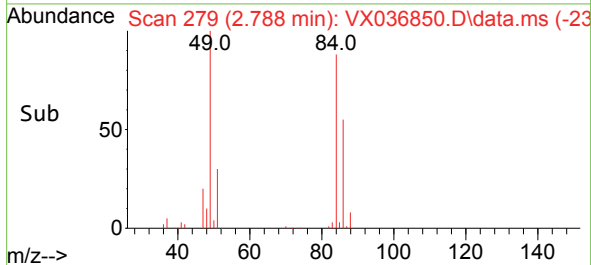
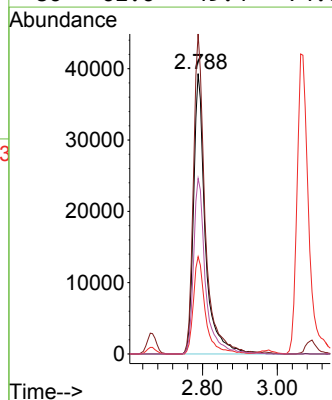
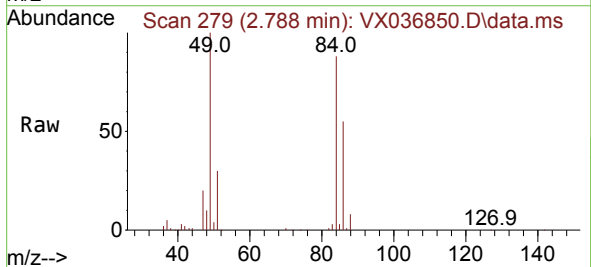
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

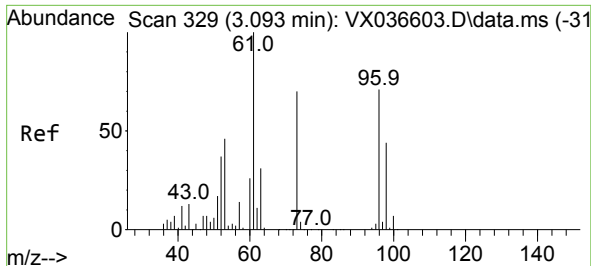
Tgt Ion: 73 Resp: 285974
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 91.120 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 84 Resp: 85450
Ion Ratio Lower Upper
84 100
49 114.2 103.6 155.4
51 34.7 33.8 50.6
86 62.6 49.4 74.0

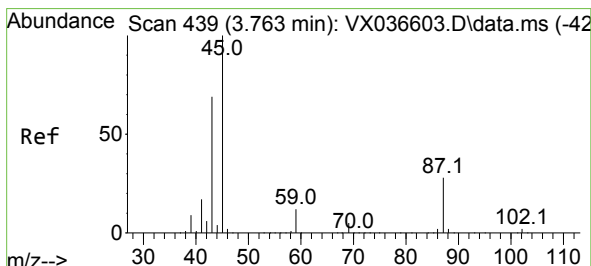
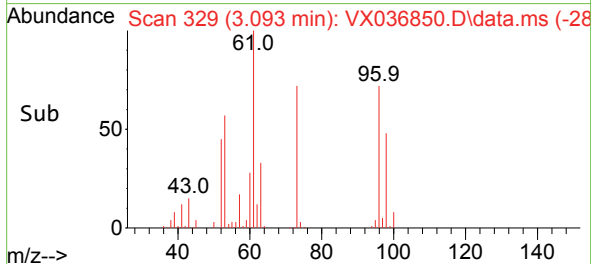
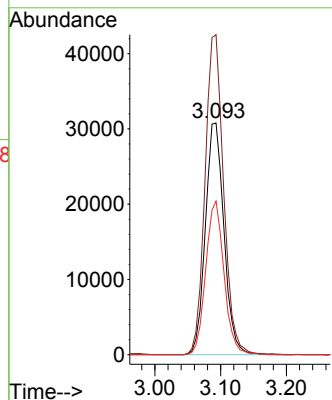
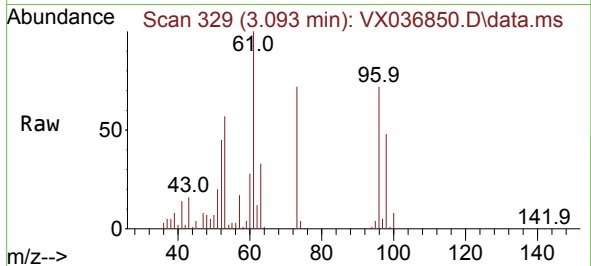




#21
trans-1,2-Dichloroethene
Concen: 70.571 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

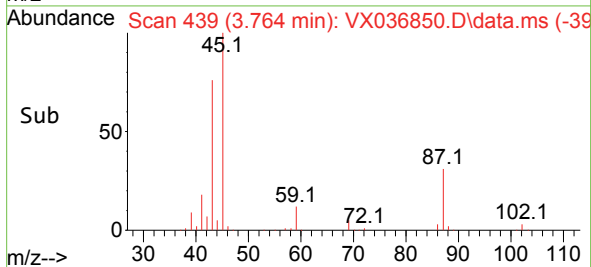
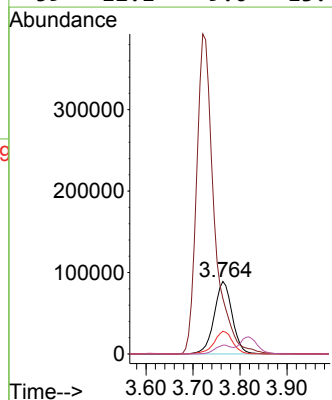
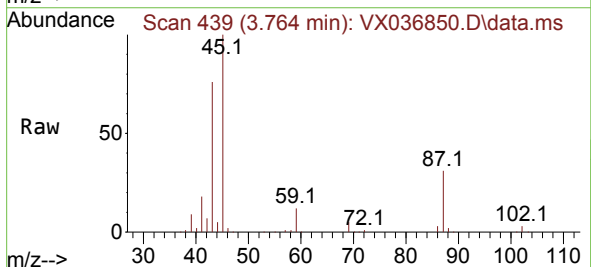
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

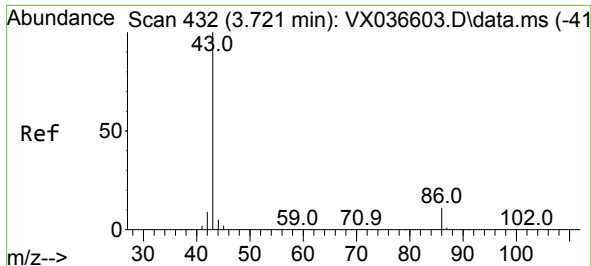
Tgt Ion: 96 Resp: 60653
Ion Ratio Lower Upper
96 100
61 138.1 119.2 178.8
98 66.3 48.7 73.1



#22
Diisopropyl ether
Concen: 82.764 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 45 Resp: 237960
Ion Ratio Lower Upper
45 100
43 76.0 69.7 104.5
87 31.3 20.8 31.2#
59 12.1 9.0 13.4

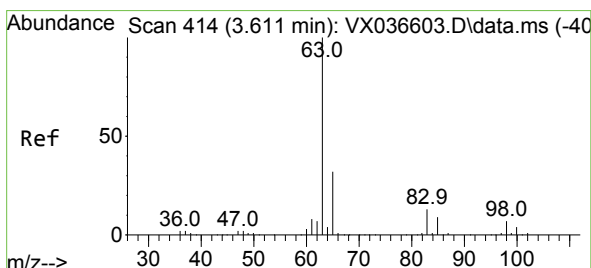
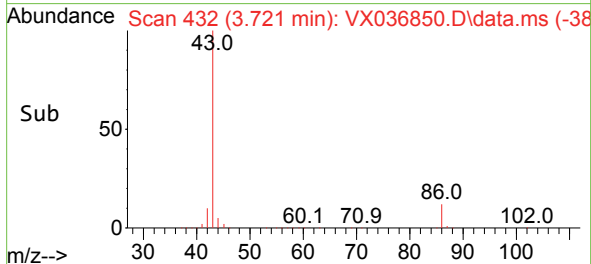
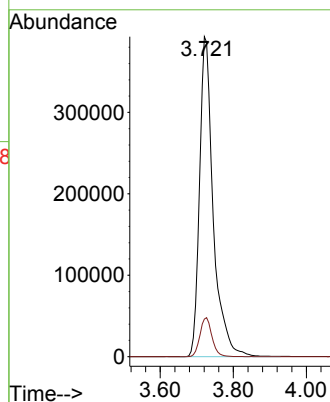
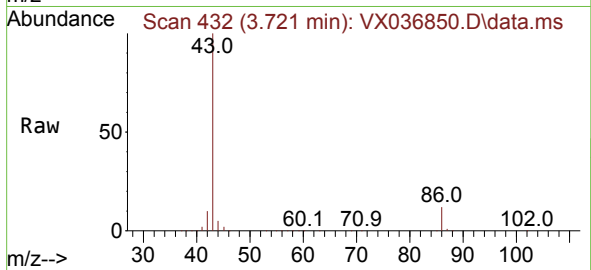




#23
 Vinyl Acetate
 Concen: 465.101 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

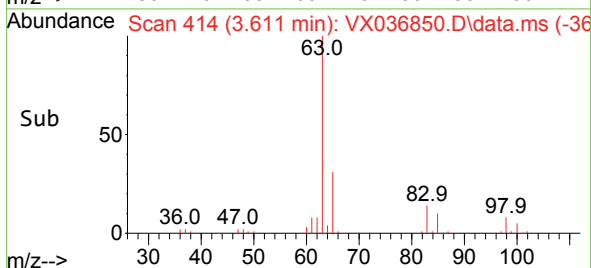
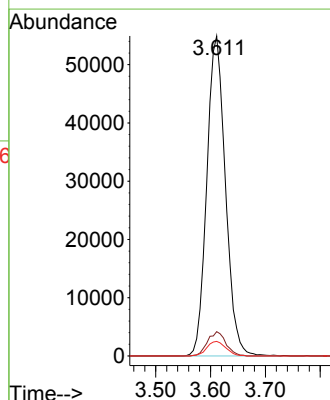
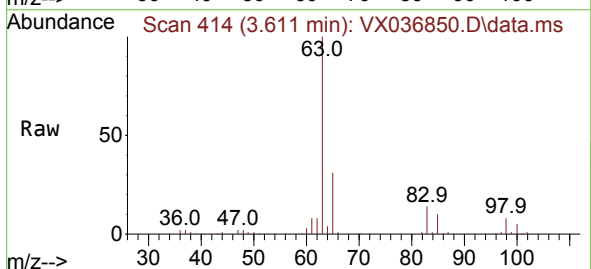
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

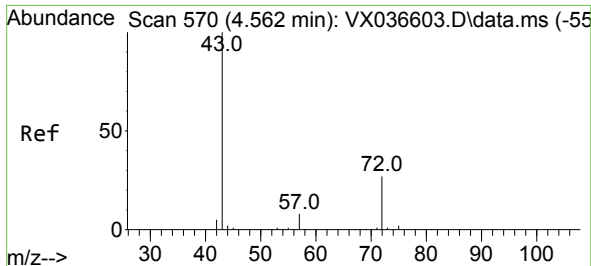
Tgt Ion: 43 Resp: 1025767
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 80.180 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

Tgt Ion: 63 Resp: 129251
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.6 2.1 6.5

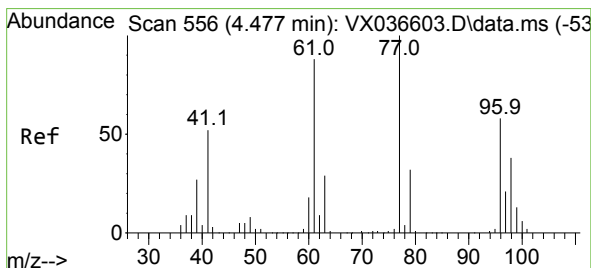
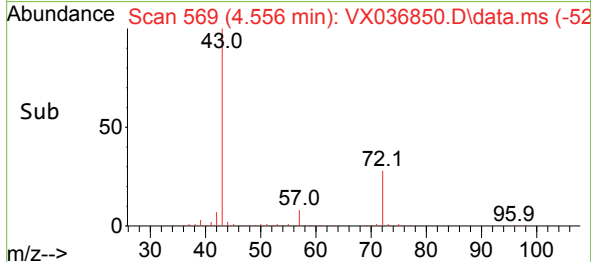
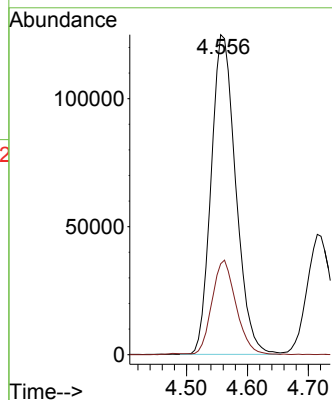
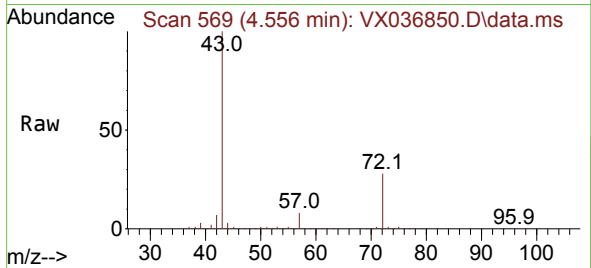




#25
2-Butanone
Concen: 511.584 ug/l
RT: 4.556 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

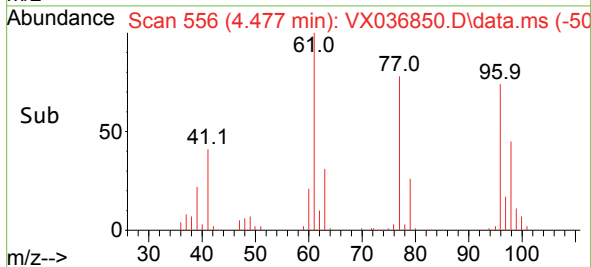
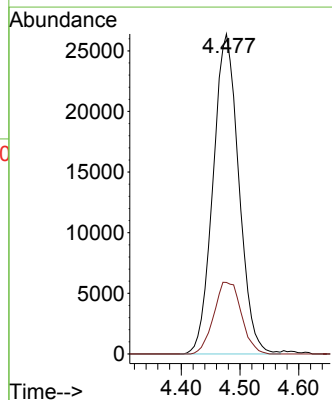
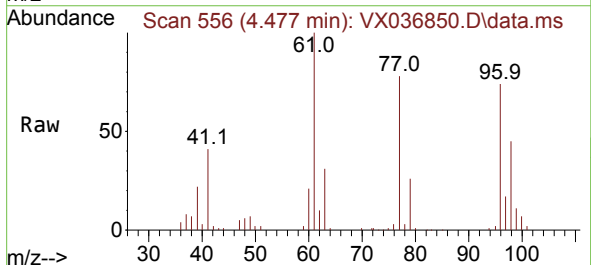
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

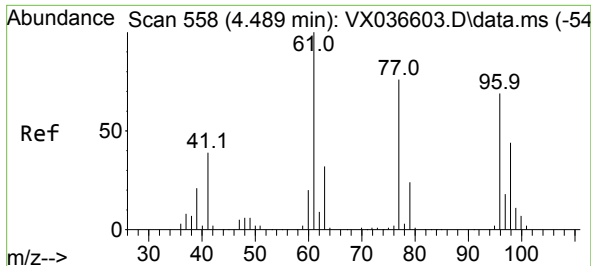
Tgt Ion: 43 Resp: 349992
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 52.877 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 77 Resp: 80317
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 85.719 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

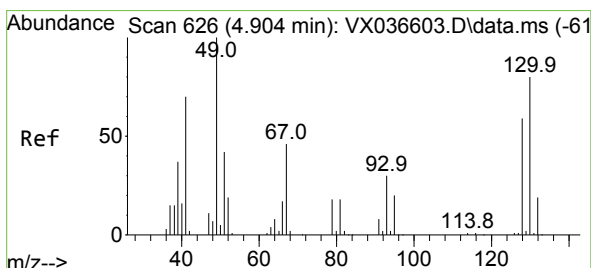
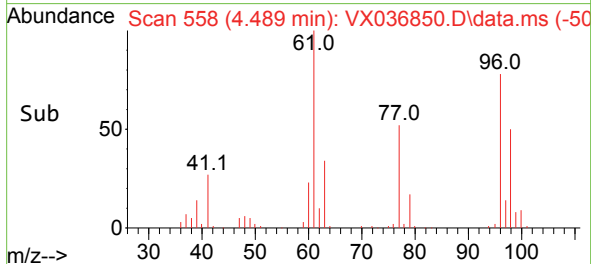
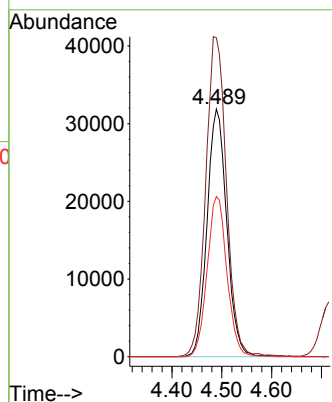
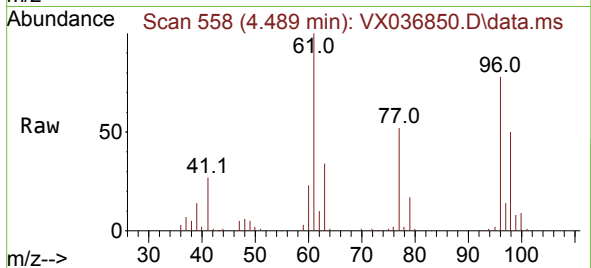
Tgt Ion: 96 Resp: 87504

Ion Ratio Lower Upper

96 100

61 136.0 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 75.615 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

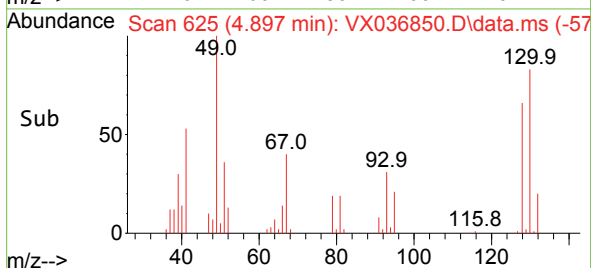
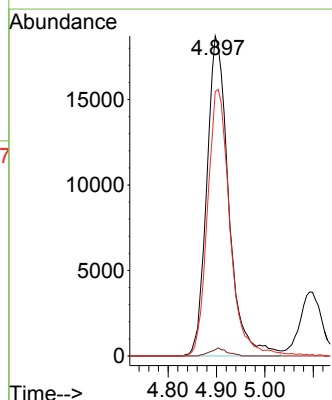
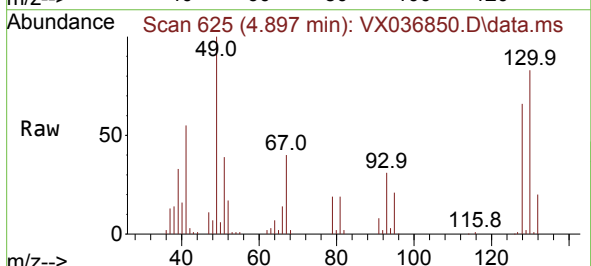
Tgt Ion: 49 Resp: 58951

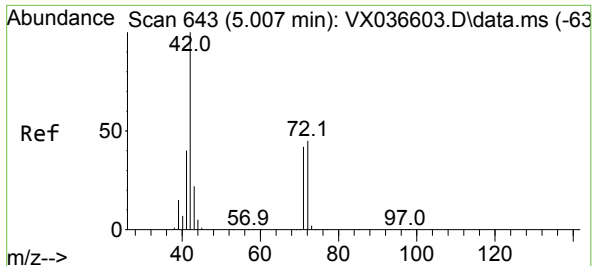
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 85.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 504.990 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

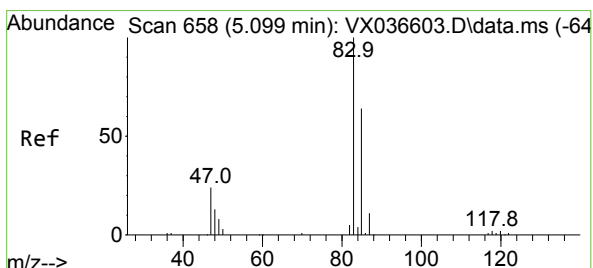
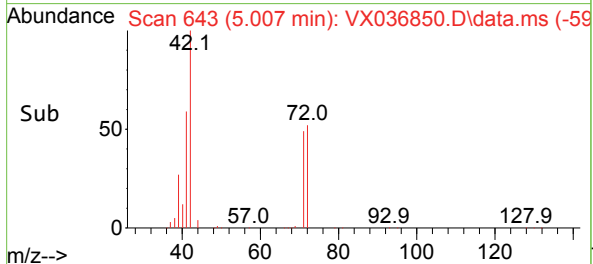
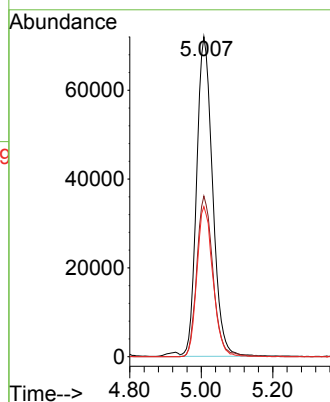
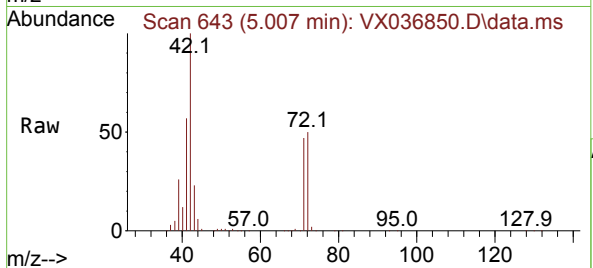
Tgt Ion: 42 Resp: 222738

Ion Ratio Lower Upper

42 100

72 51.0 34.2 51.4

71 47.0 32.2 48.2



#30

Chloroform

Concen: 88.721 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036850.D

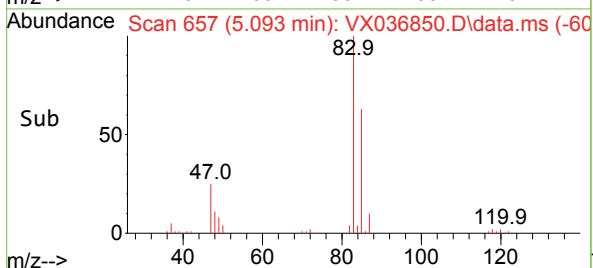
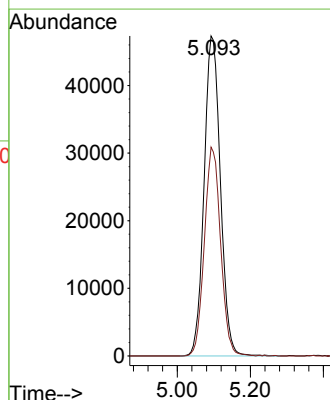
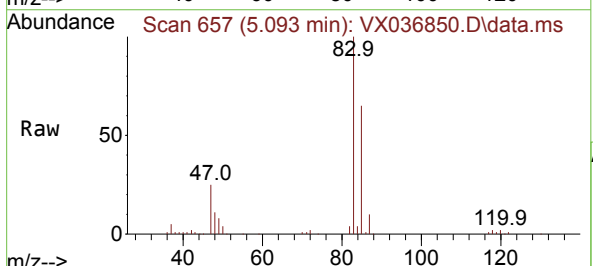
Acq: 07 Aug 2023 20:29

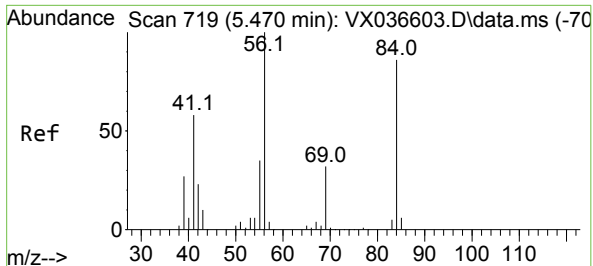
Tgt Ion: 83 Resp: 146320

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

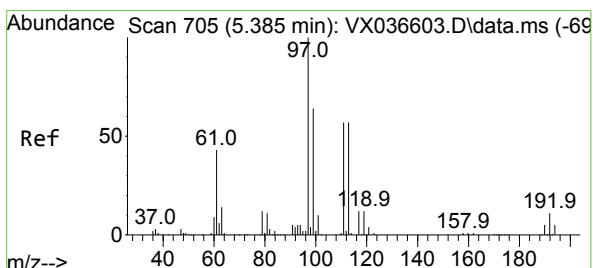
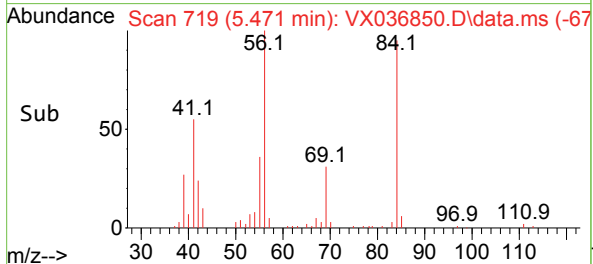
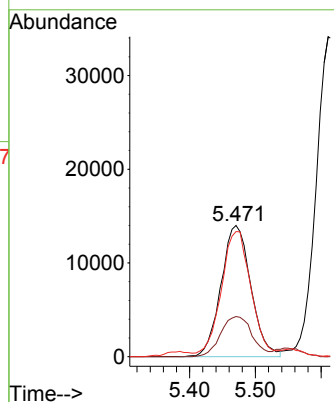
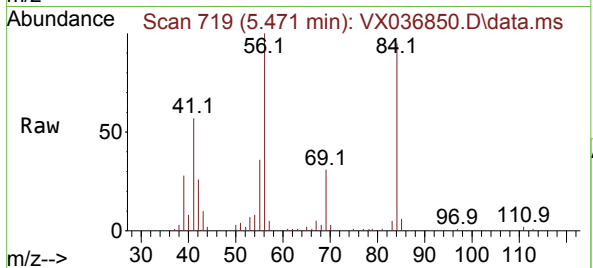




#31
Cyclohexane
Concen: 31.383 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

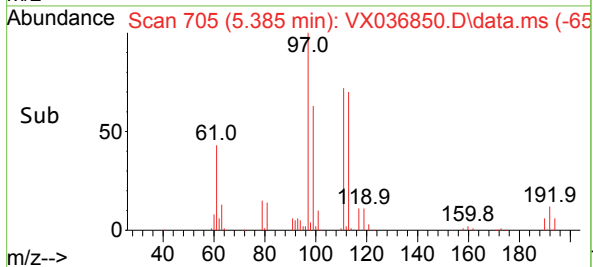
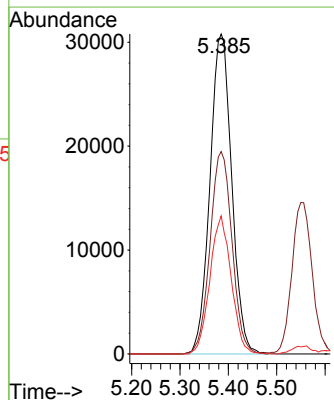
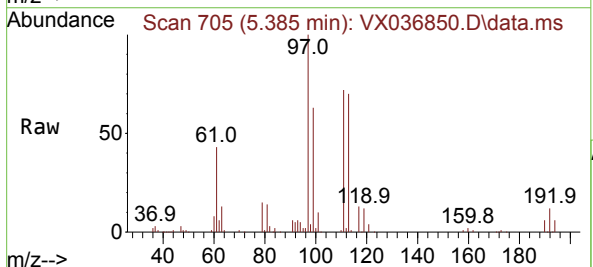
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

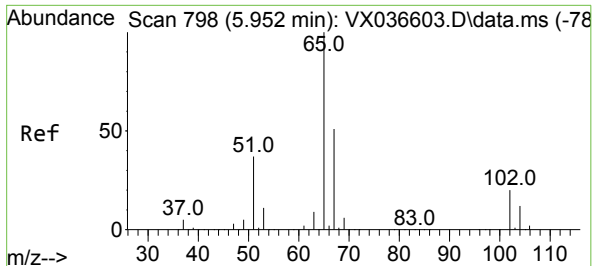
Tgt Ion:	56	Resp:	44155
Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.4	35.2
84	91.3	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 63.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion:	97	Resp:	96266
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	42.2	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 78.035 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

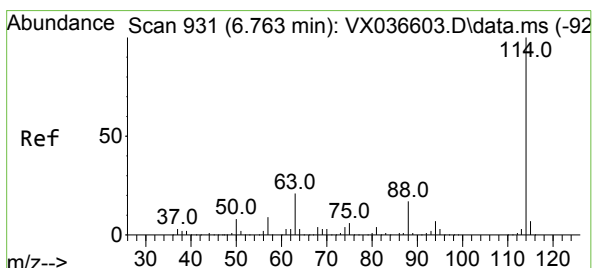
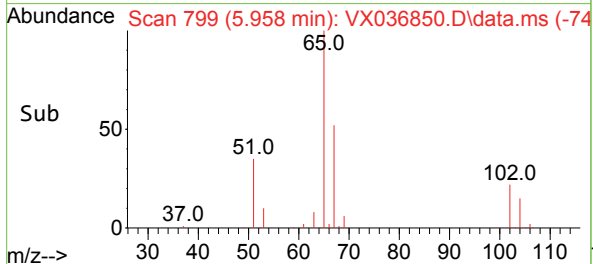
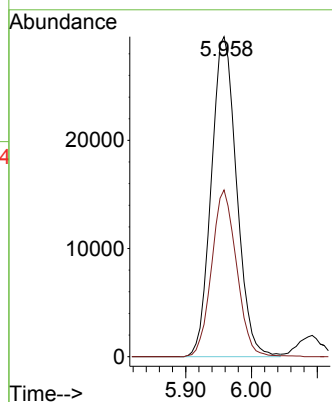
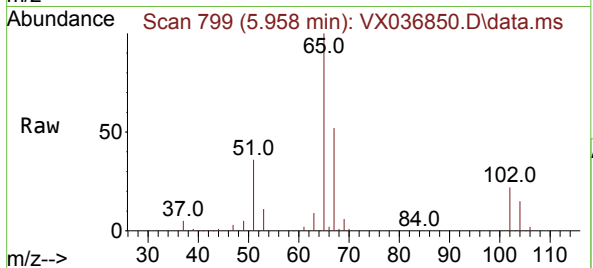
VSTDCCC050EC

Tgt Ion: 65 Resp: 79296

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

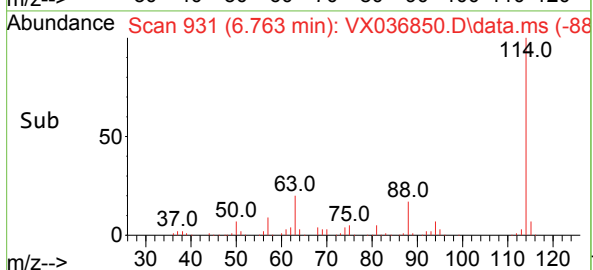
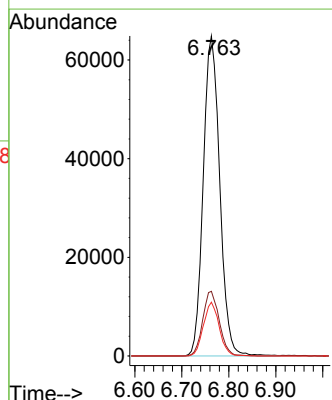
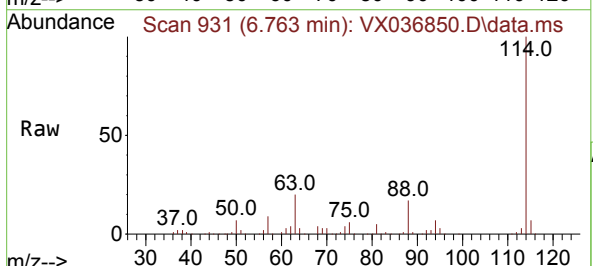
Tgt Ion: 114 Resp: 158074

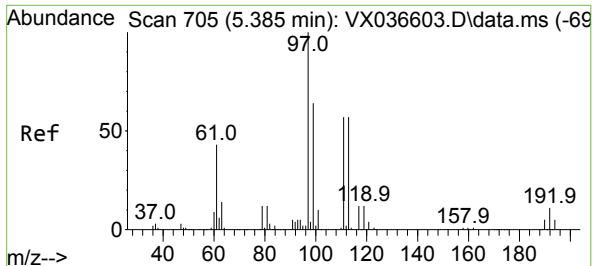
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.8 0.0 36.6

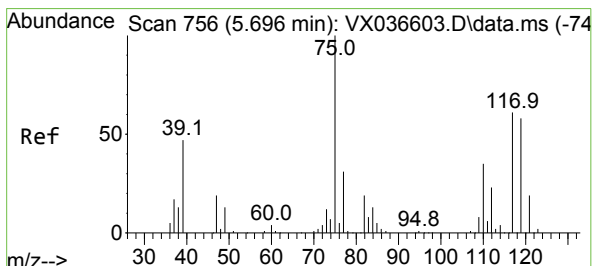
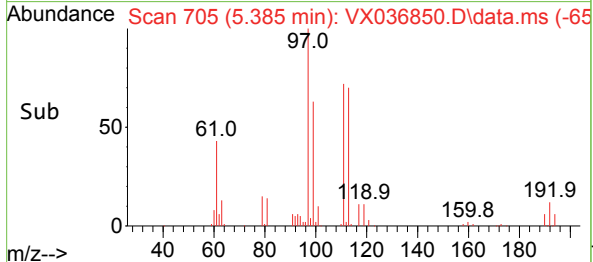
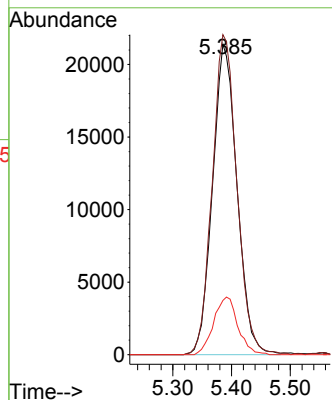
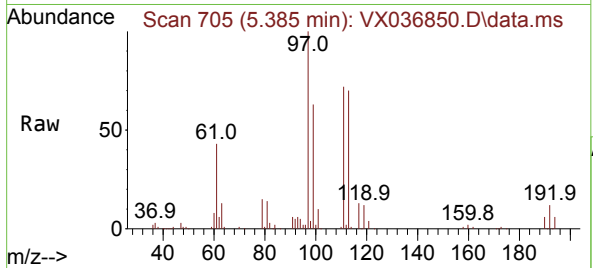




#35
Dibromofluoromethane
Concen: 56.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

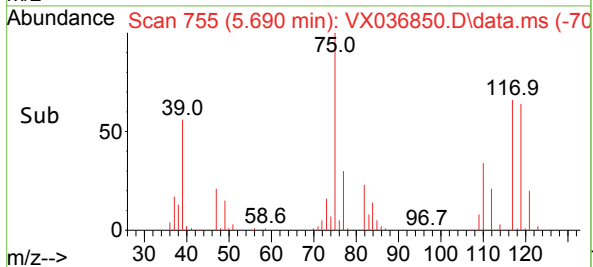
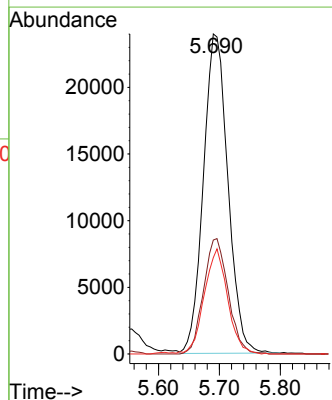
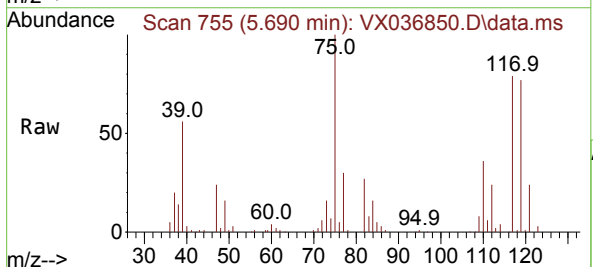
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

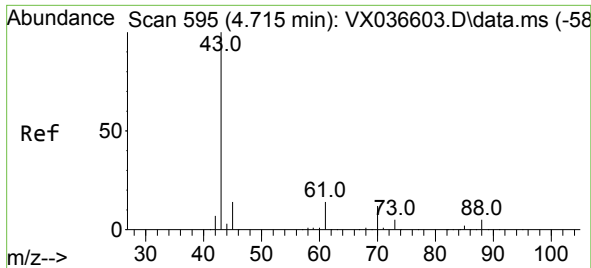
Tgt Ion:113 Resp: 61902
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 41.422 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 75 Resp: 67080
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 74.268 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

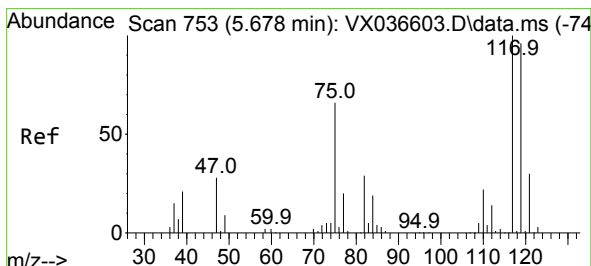
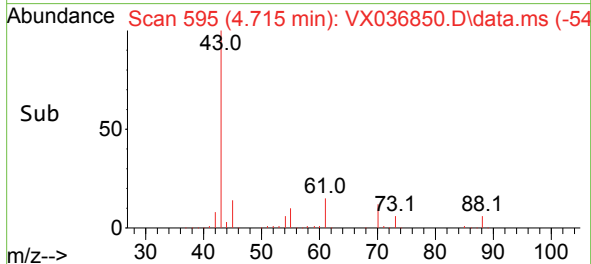
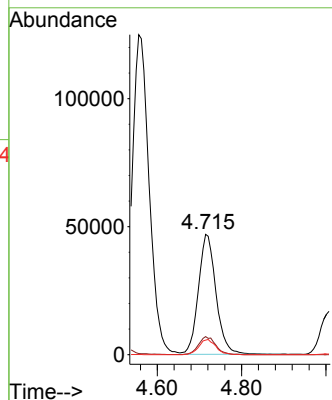
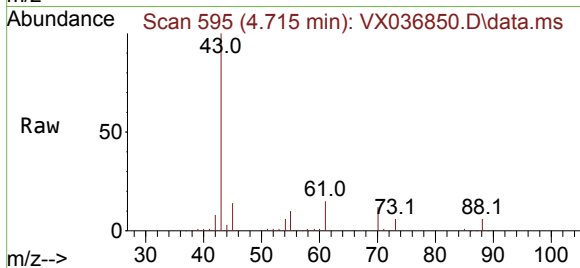
Tgt Ion: 43 Resp: 136130

Ion Ratio Lower Upper

43 100

61 14.8 10.6 16.0

70 12.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 40.502 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

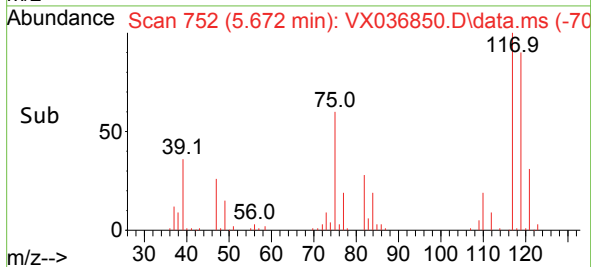
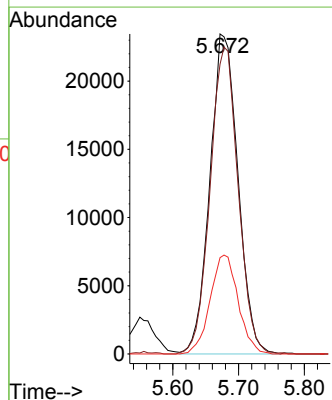
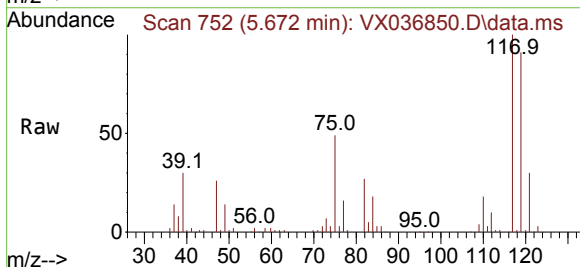
Tgt Ion: 117 Resp: 69732

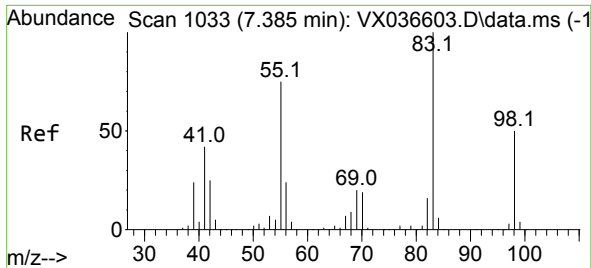
Ion Ratio Lower Upper

117 100

119 90.2 78.2 117.2

121 30.1 24.4 36.6

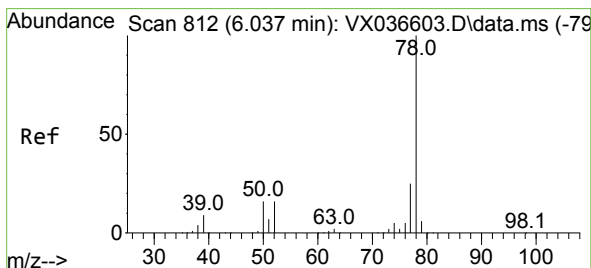
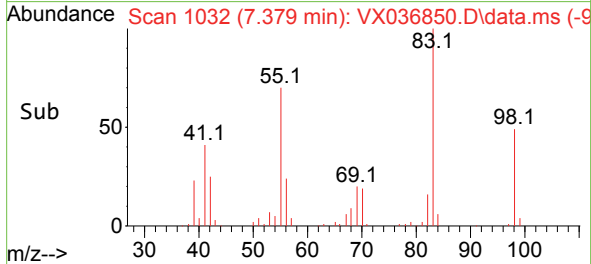
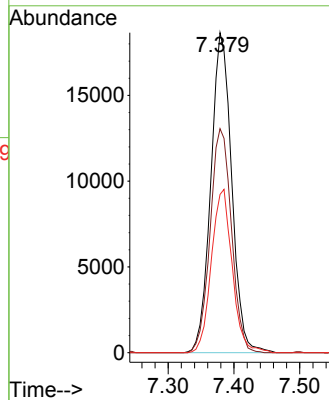
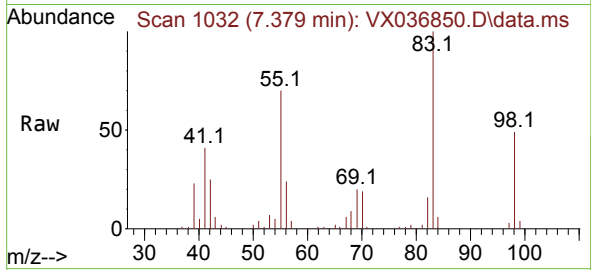




#39
Methylcyclohexane
Concen: 20.461 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

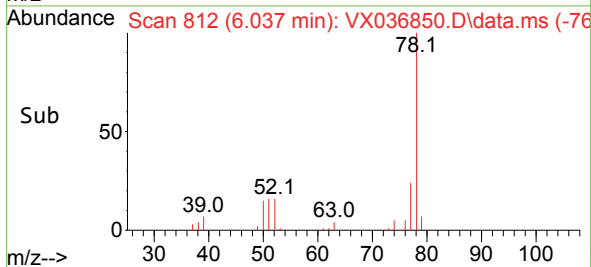
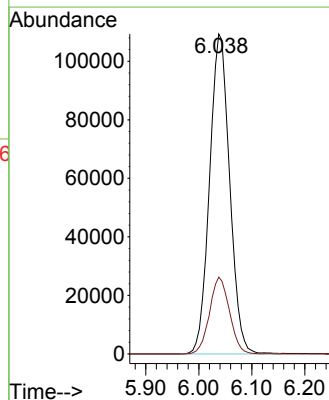
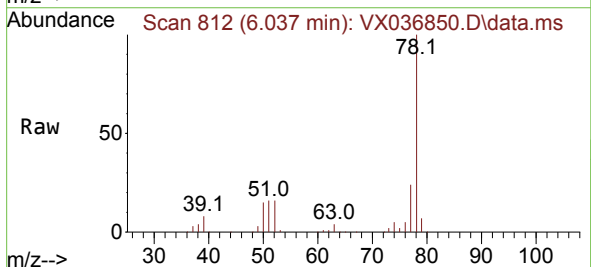
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 41203
Ion Ratio Lower Upper
83 100
55 70.0 64.6 97.0
98 49.5 36.7 55.1



#40
Benzene
Concen: 61.070 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 78 Resp: 287744
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

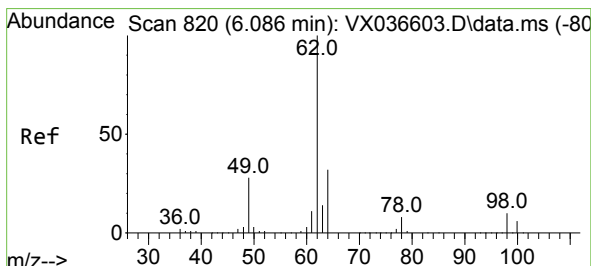
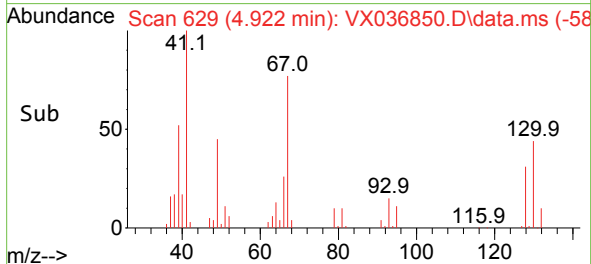
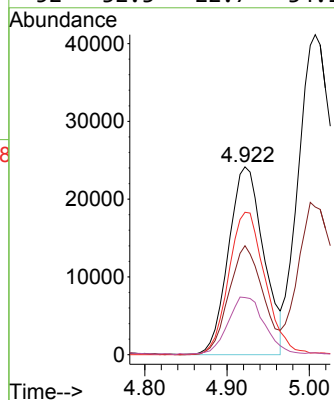
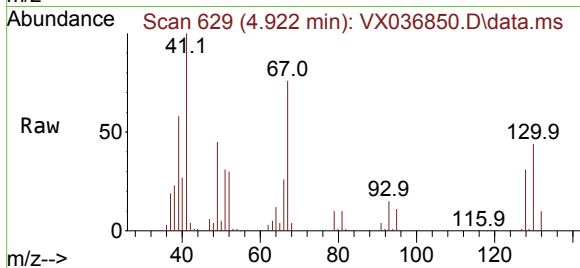




#41
Methacrylonitrile
Concen: 73.441 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

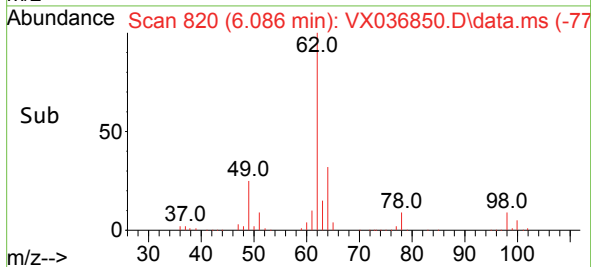
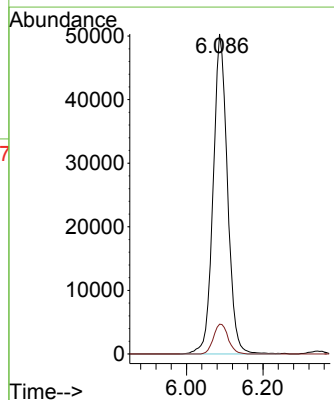
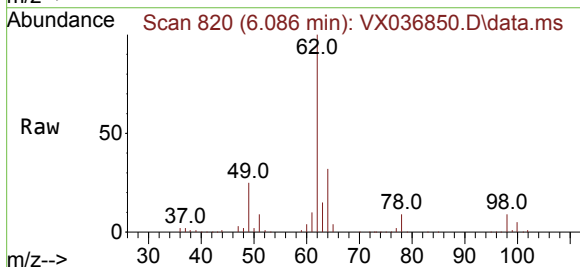
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	71997
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.2	67.8
67	78.9	52.6	78.8
52	32.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 75.833 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion:	62	Resp:	130636
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 70.194 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

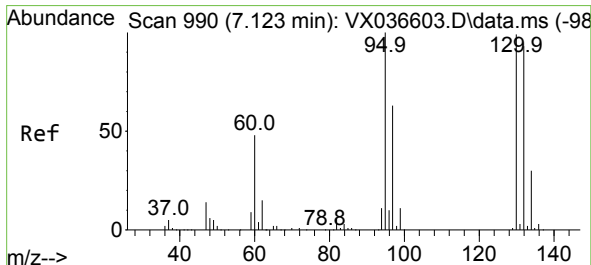
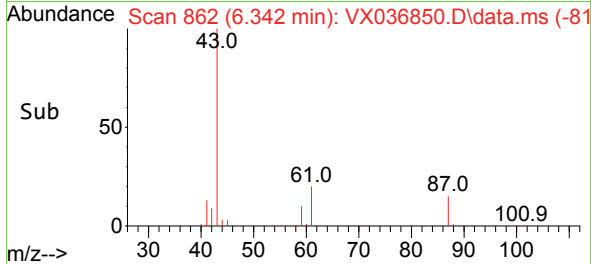
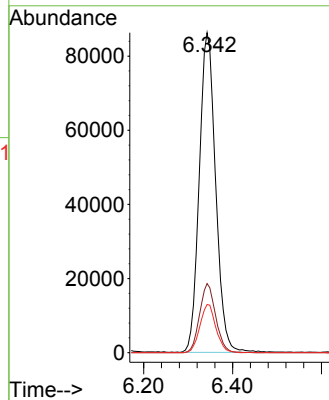
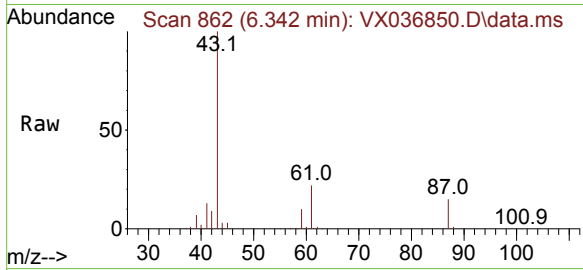
Tgt Ion: 43 Resp: 221475

Ion Ratio Lower Upper

43 100

61 21.1 15.2 22.8

87 14.7 9.8 14.6#



#44

Trichloroethene

Concen: 54.585 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036850.D

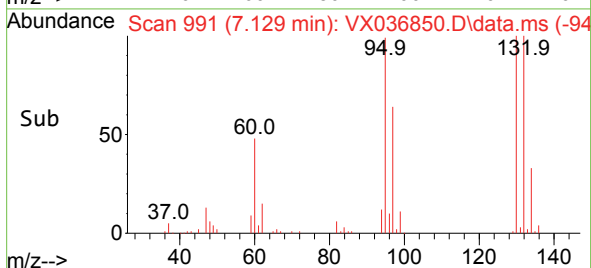
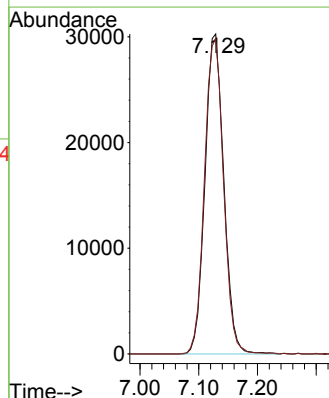
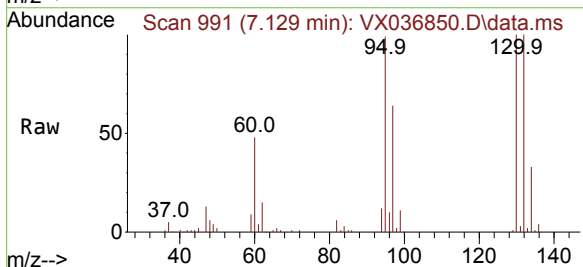
Acq: 07 Aug 2023 20:29

Tgt Ion:130 Resp: 67226

Ion Ratio Lower Upper

130 100

95 98.6 0.0 204.4

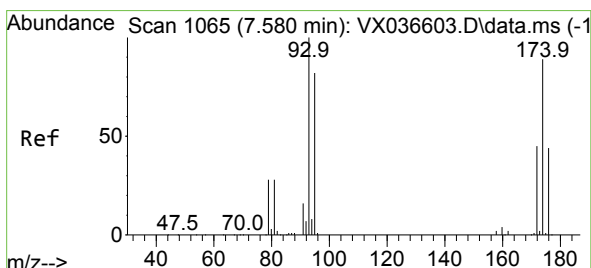
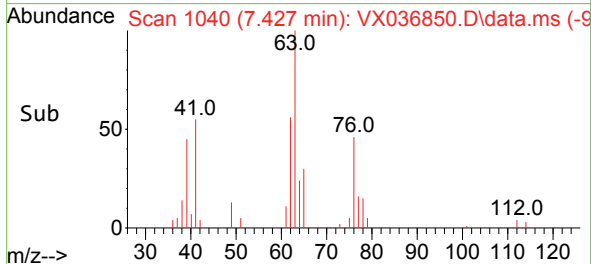
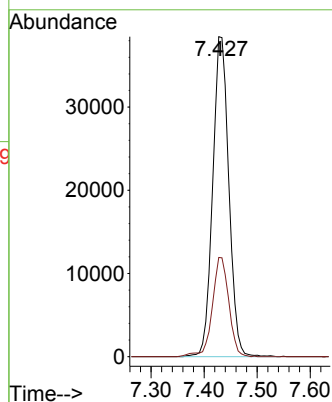
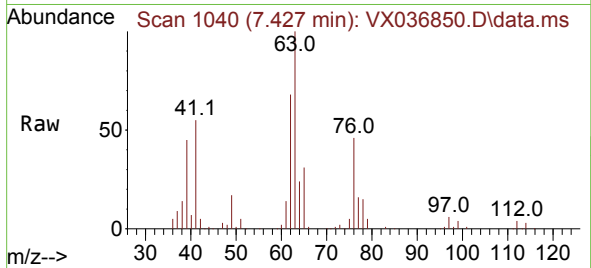




#45
1,2-Dichloropropane
Concen: 64.626 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

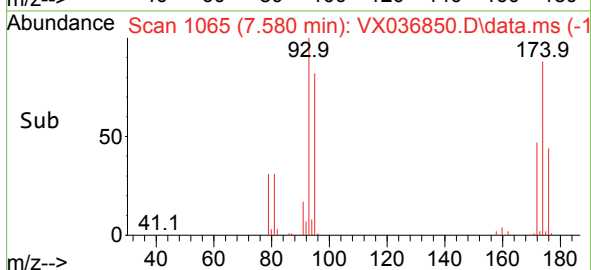
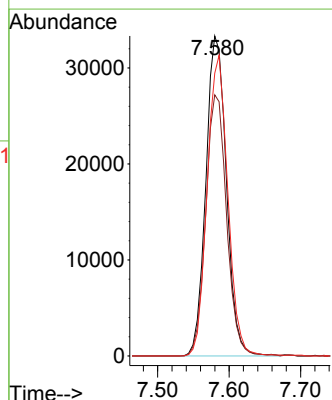
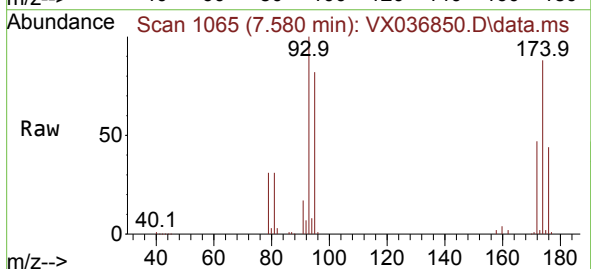
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 81298
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5



#46
Dibromomethane
Concen: 75.662 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 93 Resp: 66614
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 94.2 69.4 104.0

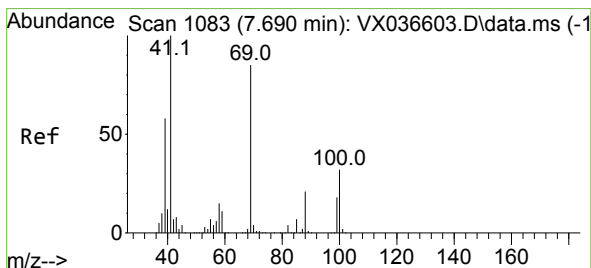
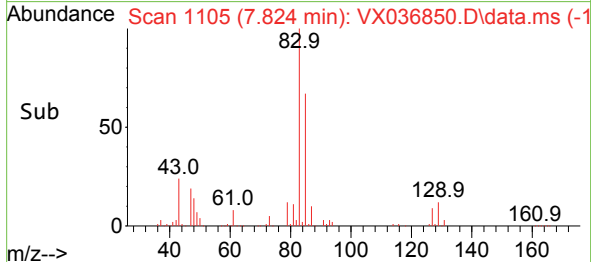
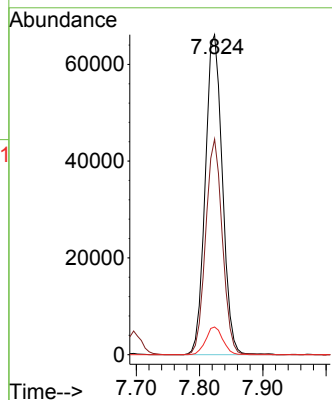
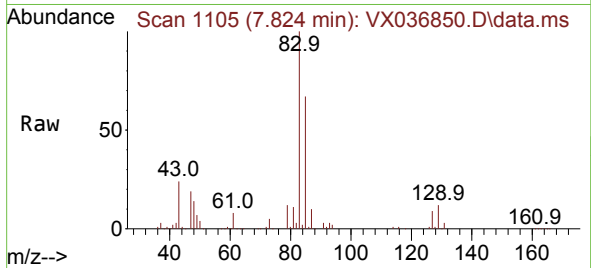




#47
Bromodichloromethane
Concen: 68.804 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

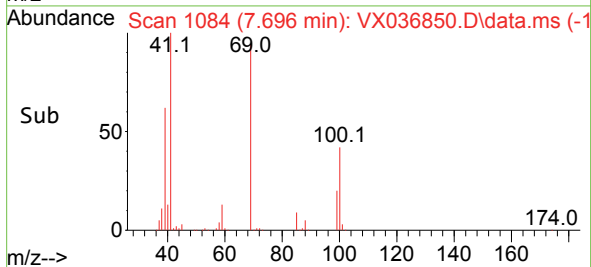
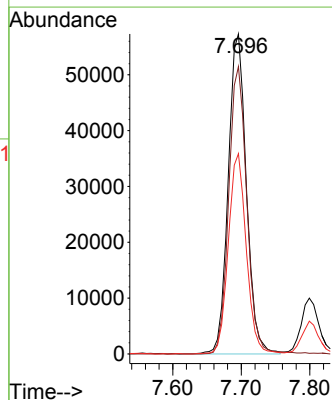
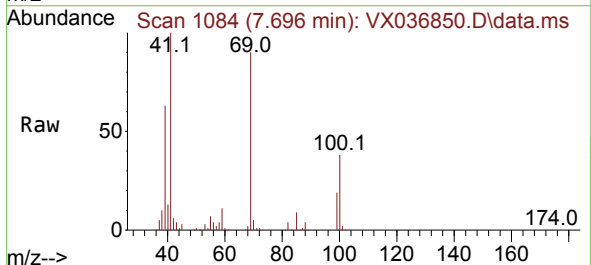
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

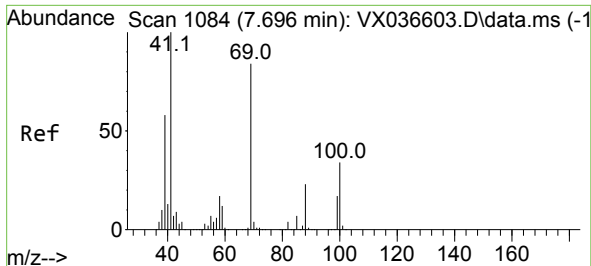
Tgt Ion: 83 Resp: 124342
Ion Ratio Lower Upper
83 100
85 67.3 49.8 74.6
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 71.772 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 41 Resp: 105314
Ion Ratio Lower Upper
41 100
69 89.6 59.2 88.8
39 62.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1857.381 ug/l

RT: 7.659 min Scan# 110

Delta R.T. -0.037 min

Lab File: VX036850.D

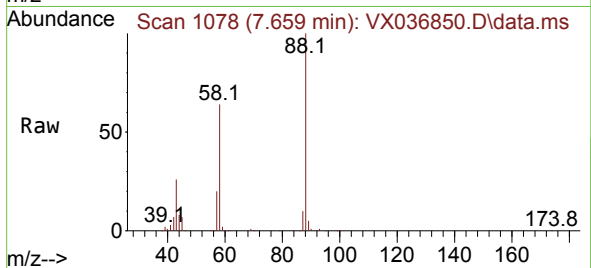
Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



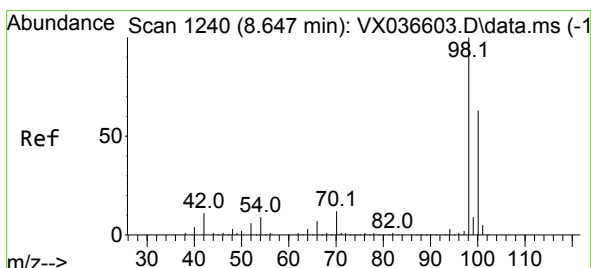
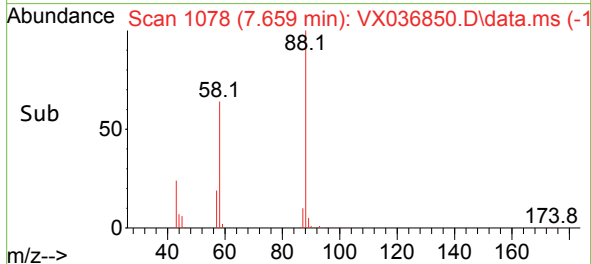
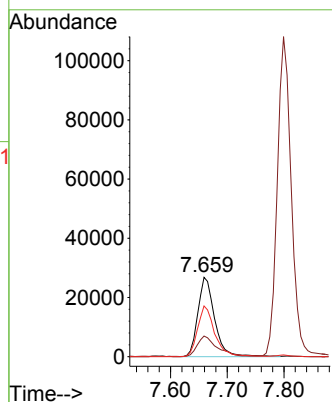
Tgt Ion: 88 Resp: 55058

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 65.4 60.1 90.1



#50

Toluene-d8

Concen: 46.541 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036850.D

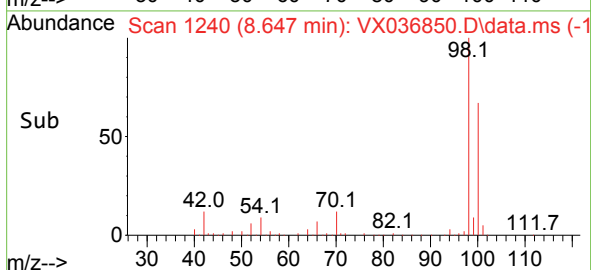
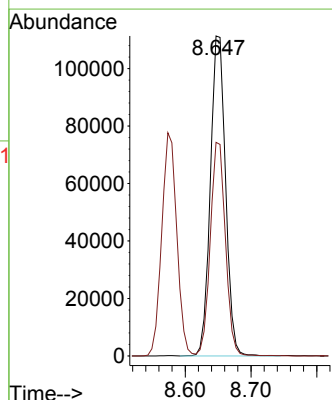
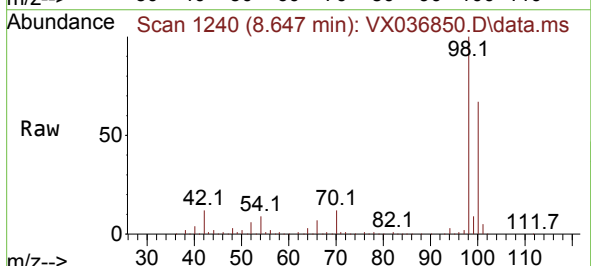
Acq: 07 Aug 2023 20:29

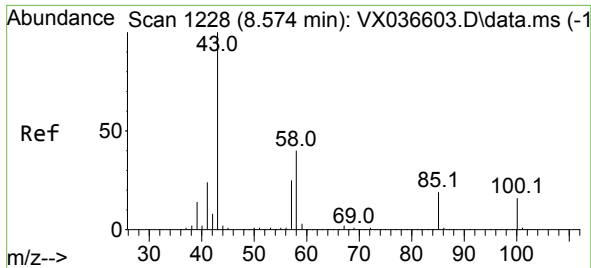
Tgt Ion: 98 Resp: 179323

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

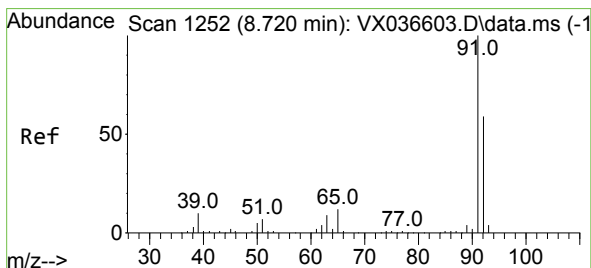
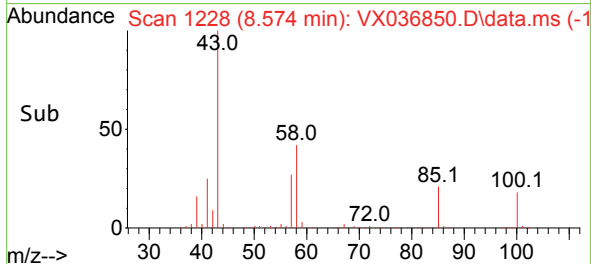
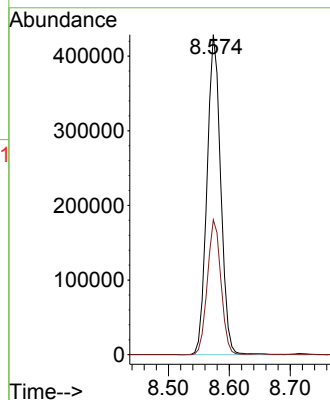
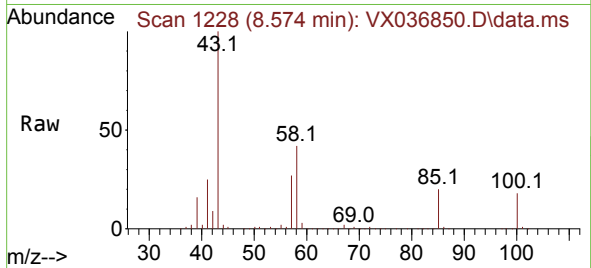




#51
4-Methyl-2-Pentanone
Concen: 382.495 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

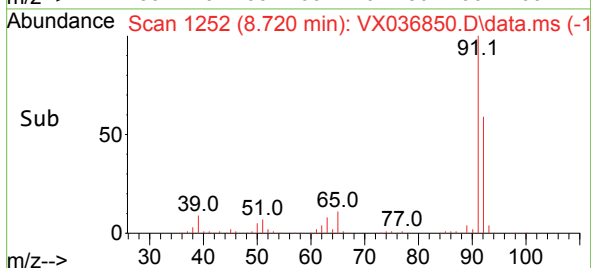
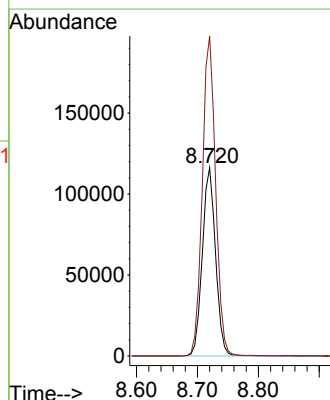
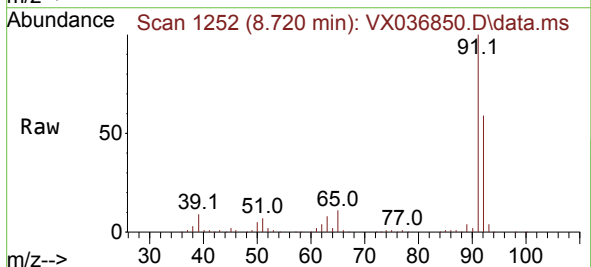
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

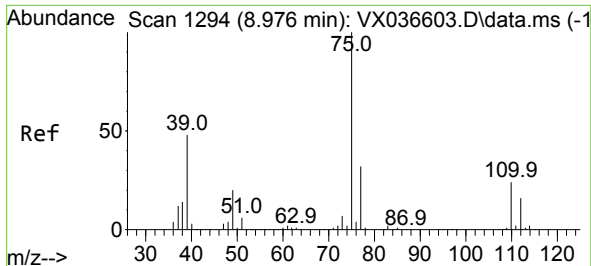
Tgt Ion: 43 Resp: 667862
Ion Ratio Lower Upper
43 100
58 41.9 30.4 45.6



#52
Toluene
Concen: 59.469 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 92 Resp: 175569
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2

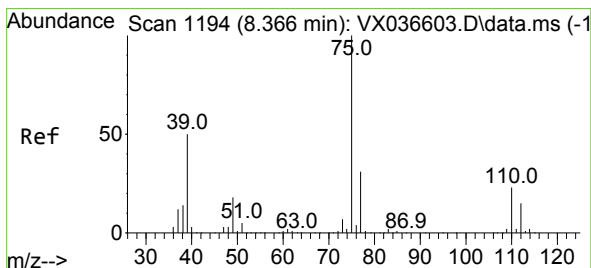
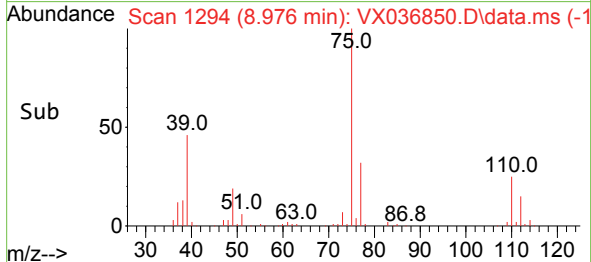
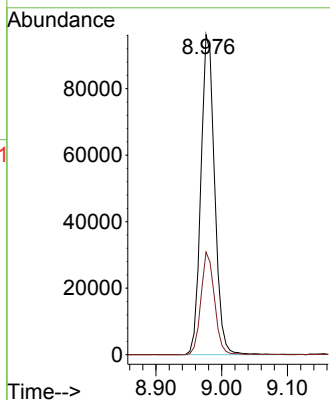
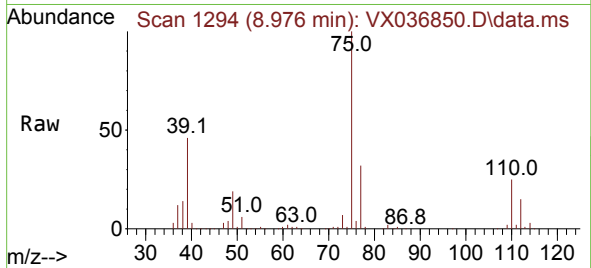




#53
 t-1,3-Dichloropropene
 Concen: 68.570 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

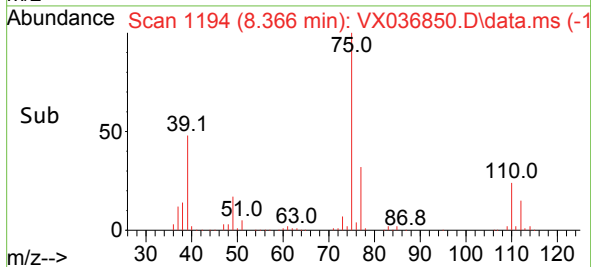
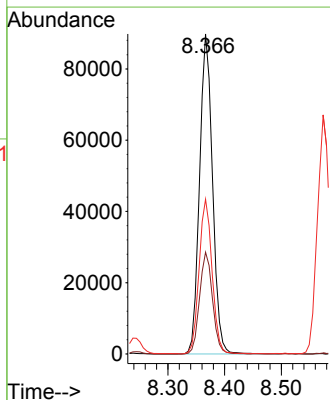
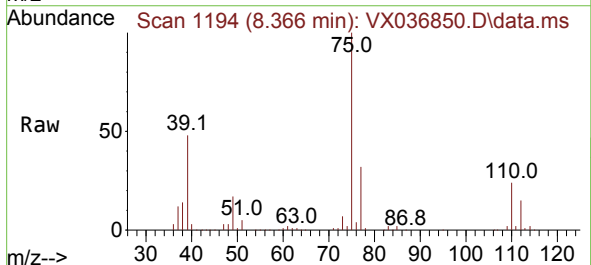
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

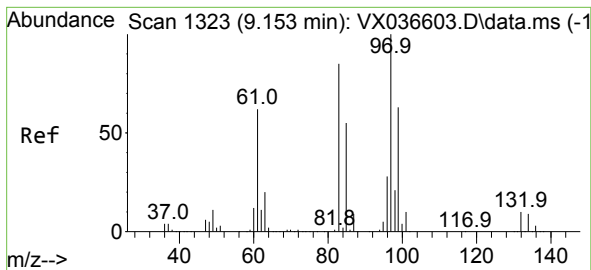
Tgt Ion: 75 Resp: 140059
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 66.315 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

Tgt Ion: 75 Resp: 142931
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 48.3 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 74.662 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 92657

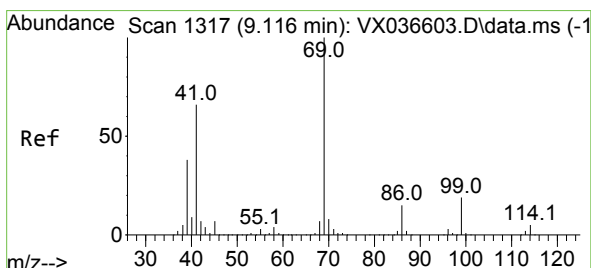
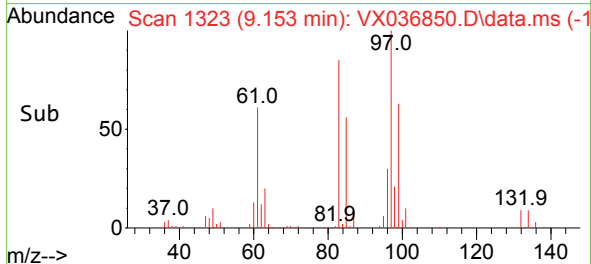
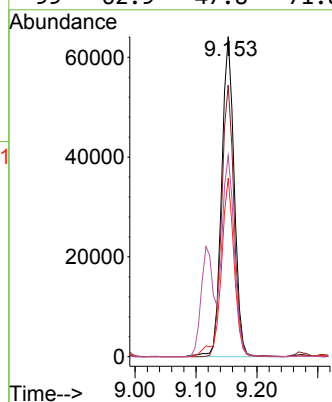
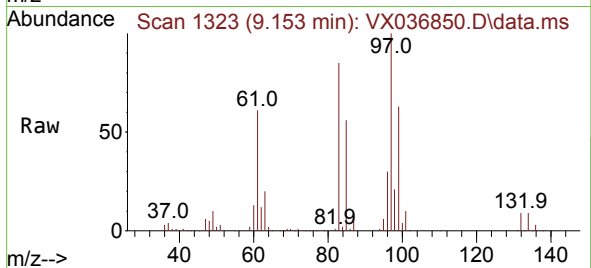
Ion Ratio Lower Upper

97 100

83 84.8 65.8 98.8

85 55.7 41.6 62.4

99 62.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 75.078 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

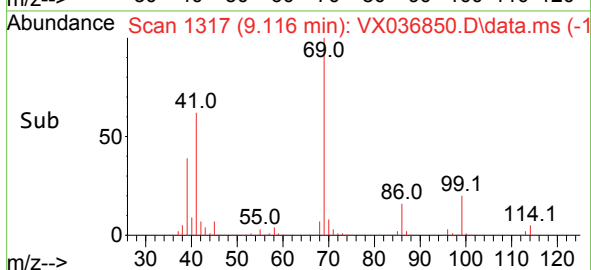
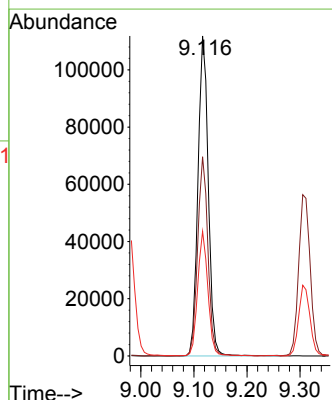
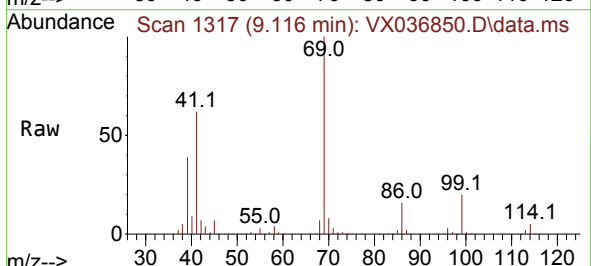
Tgt Ion: 69 Resp: 151720

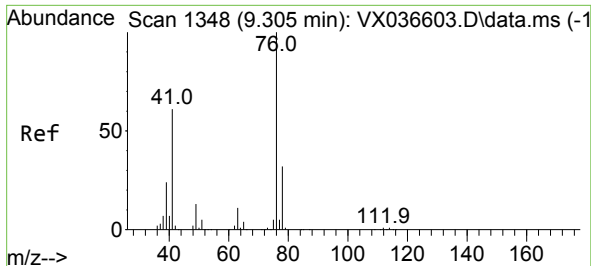
Ion Ratio Lower Upper

69 100

41 62.1 56.8 85.2

39 38.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 74.791 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

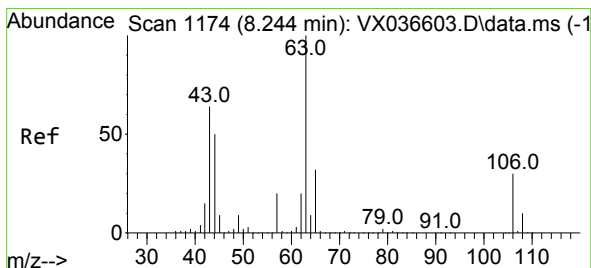
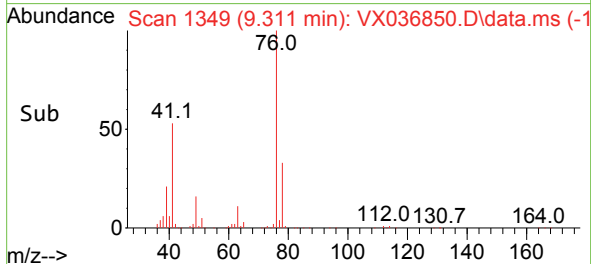
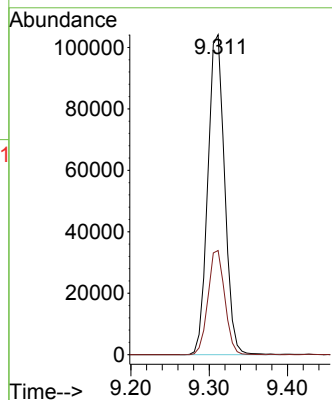
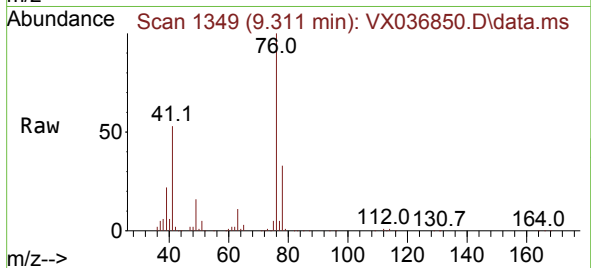
VSTDCCC050EC

Tgt Ion: 76 Resp: 154593

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 343.838 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036850.D

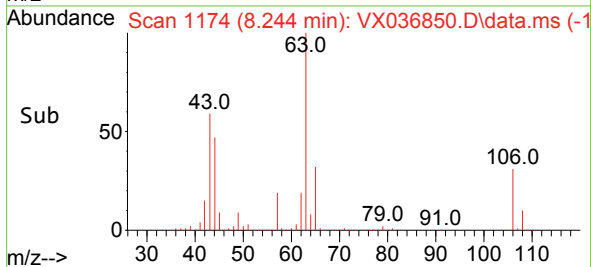
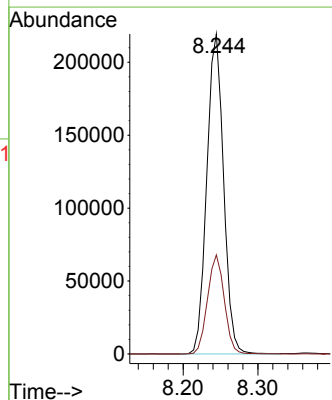
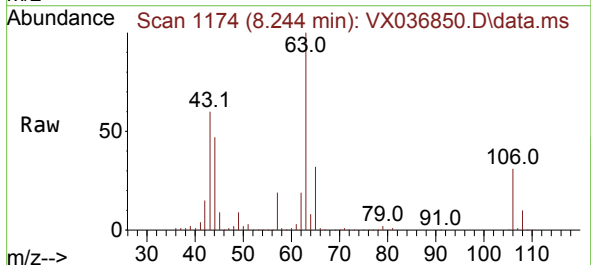
Acq: 07 Aug 2023 20:29

Tgt Ion: 63 Resp: 342366

Ion Ratio Lower Upper

63 100

106 30.9 22.5 33.7

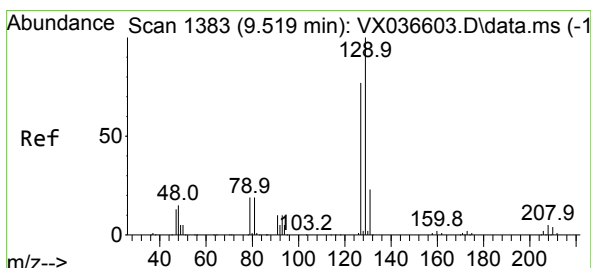
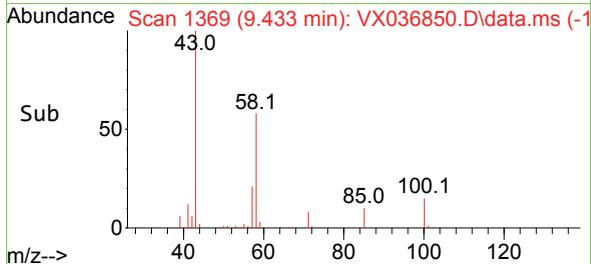
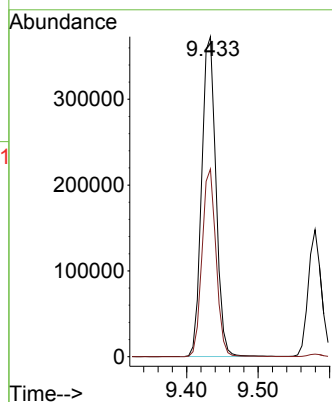
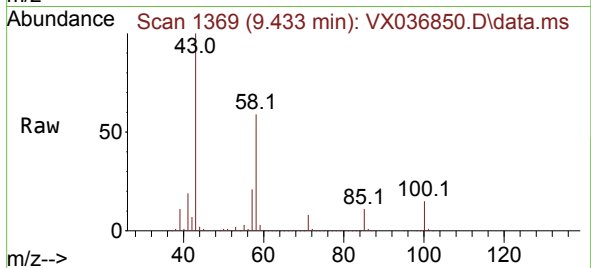




#59
2-Hexanone
Concen: 397.476 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

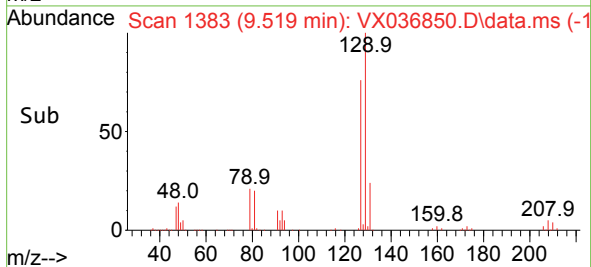
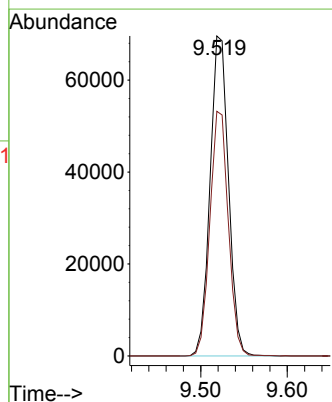
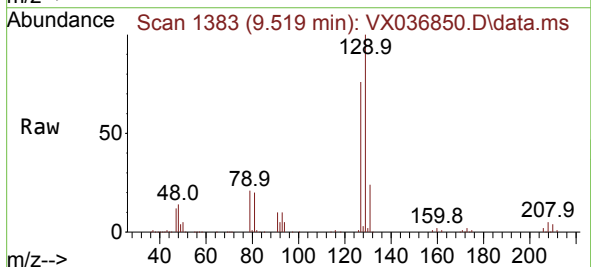
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

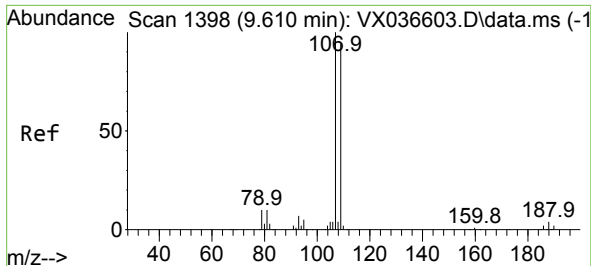
Tgt Ion: 43 Resp: 515076
Ion Ratio Lower Upper
43 100
58 57.9 26.2 78.5



#60
Dibromochloromethane
Concen: 75.315 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 129 Resp: 102731
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4

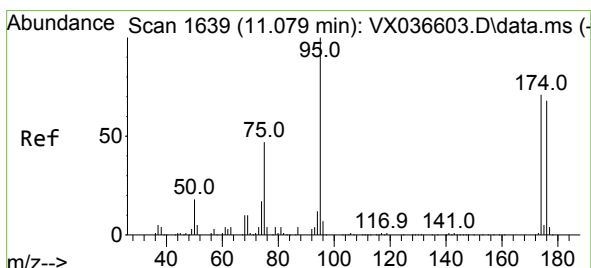
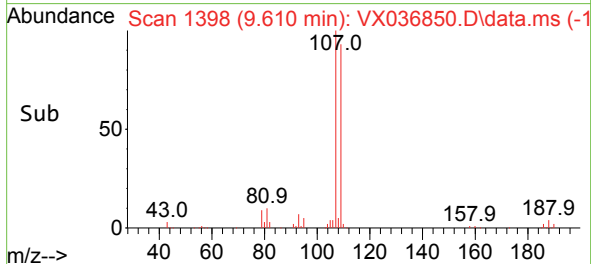
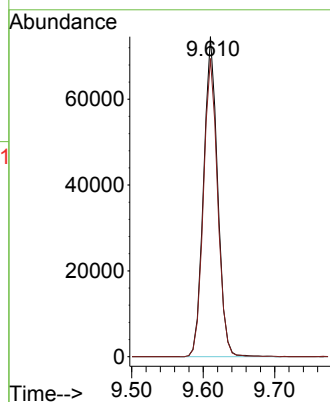
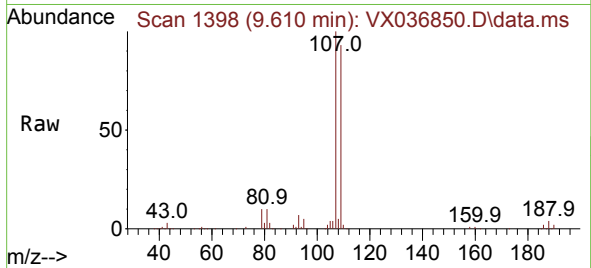




#61
1,2-Dibromoethane
Concen: 78.940 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

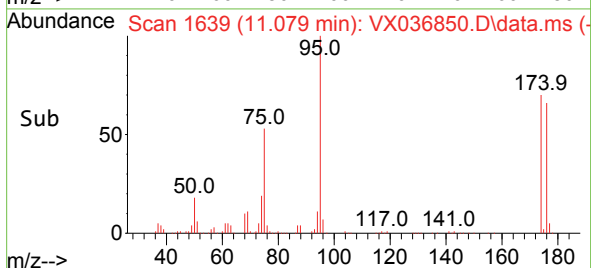
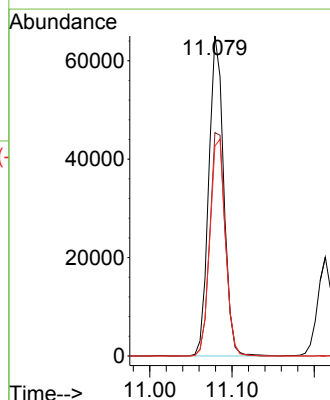
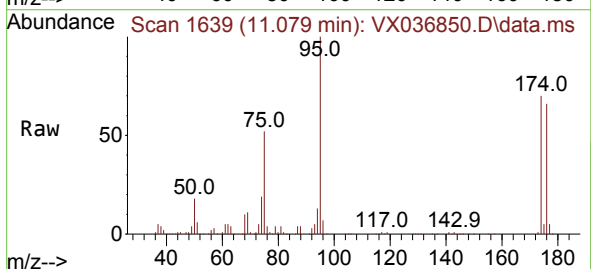
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

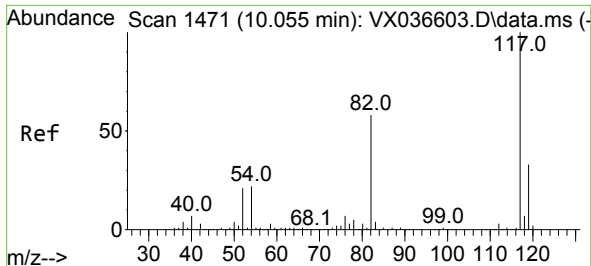
Tgt Ion:107 Resp: 101532
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 56.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 95 Resp: 81957
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 70.2 0.0 131.0

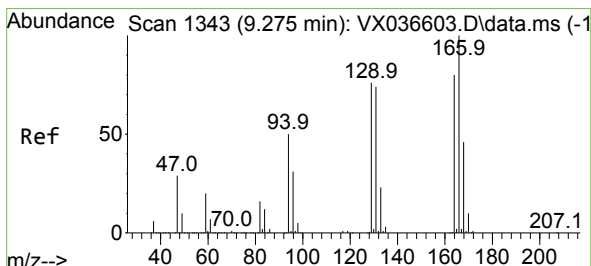
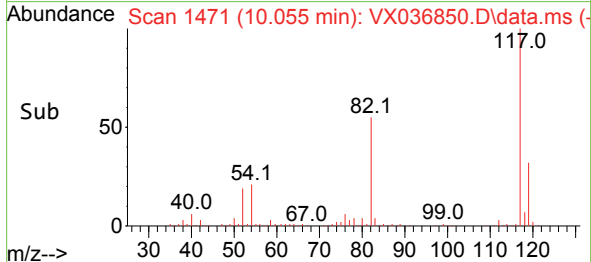
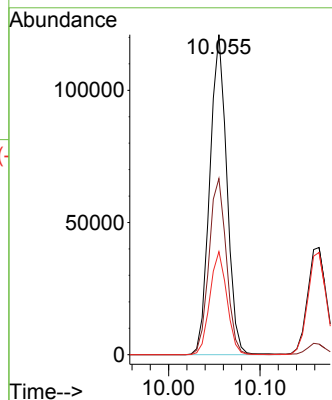
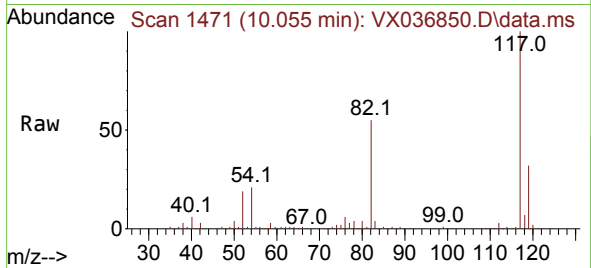




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

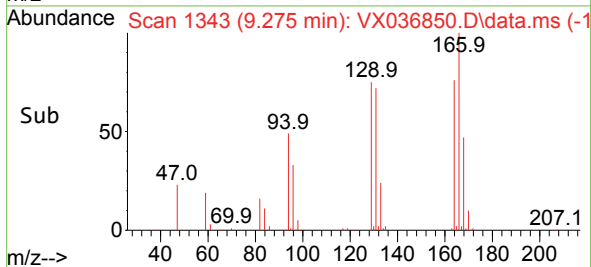
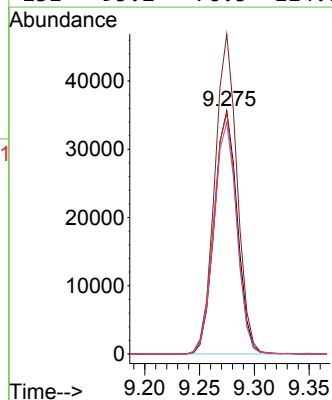
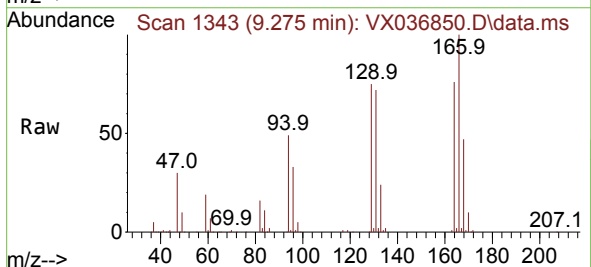
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

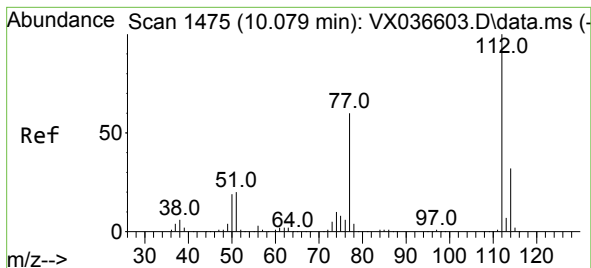
Tgt Ion:117 Resp: 156524
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 44.257 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion:164 Resp: 51670
Ion Ratio Lower Upper
164 100
166 131.6 102.7 154.1
129 98.9 80.4 120.6
131 95.2 76.5 114.7





#65

Chlorobenzene

Concen: 58.941 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

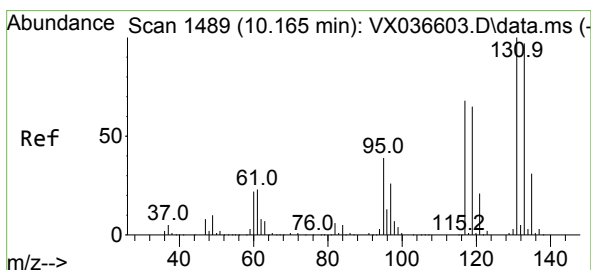
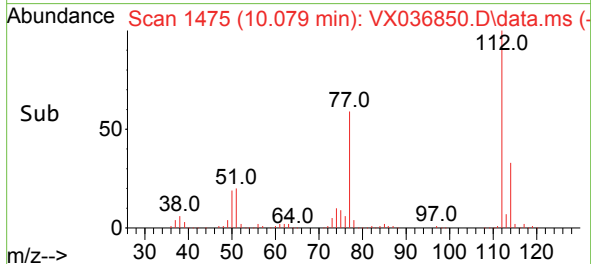
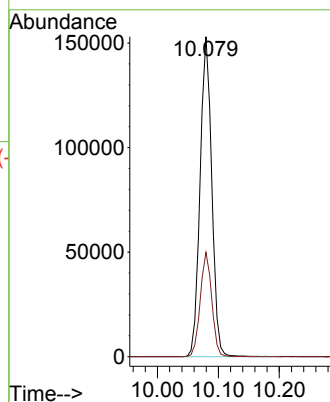
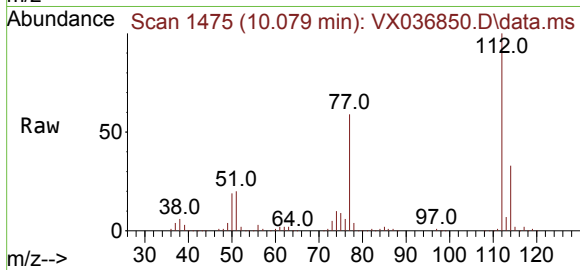
VSTDCCC050EC

Tgt Ion:112 Resp: 203359

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 63.477 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

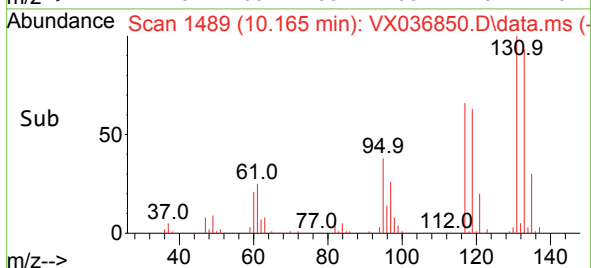
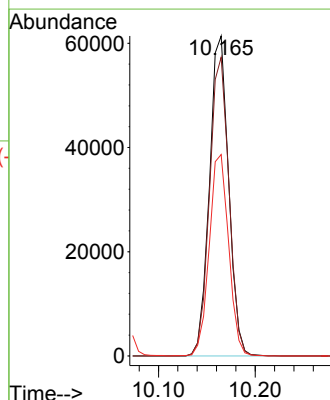
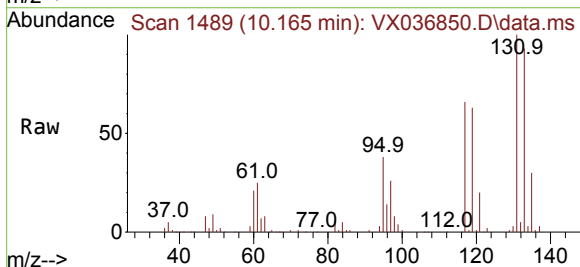
Tgt Ion:131 Resp: 84650

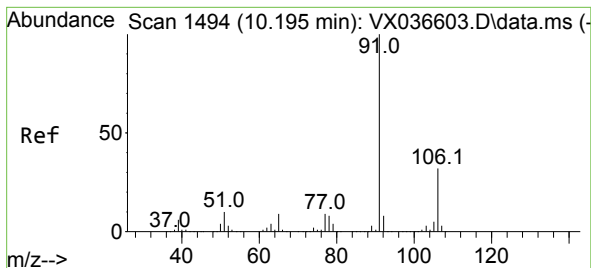
Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.4

119 64.0 32.2 96.6





#67

Ethyl Benzene

Concen: 49.719 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

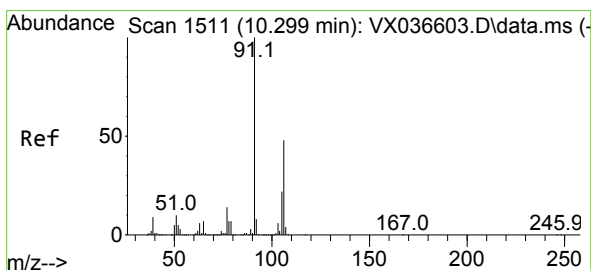
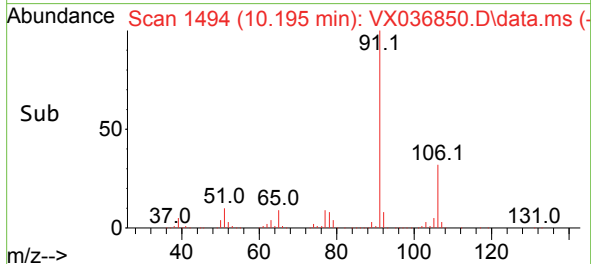
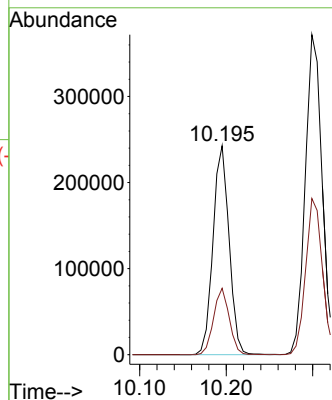
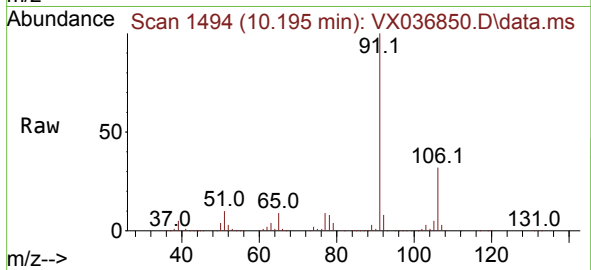
VSTDCCC050EC

Tgt Ion: 91 Resp: 313375

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 103.546 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX036850.D

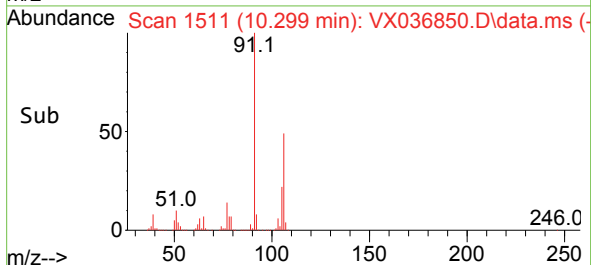
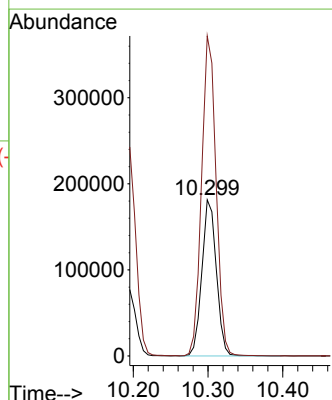
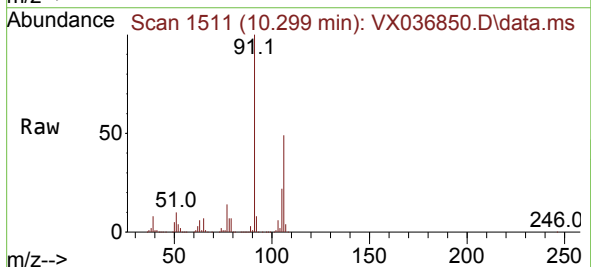
Acq: 07 Aug 2023 20:29

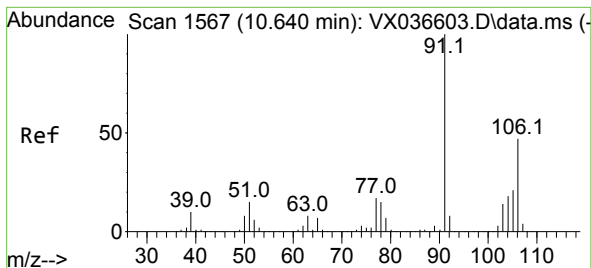
Tgt Ion: 106 Resp: 243509

Ion Ratio Lower Upper

106 100

91 205.8 165.5 248.3





#69

o-Xylene

Concen: 56.522 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

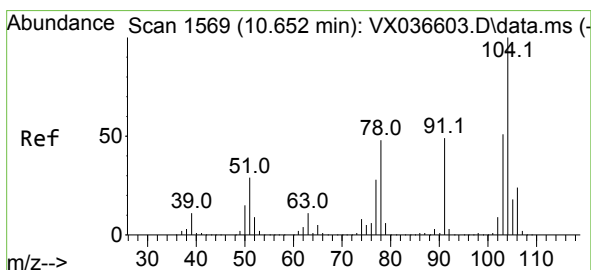
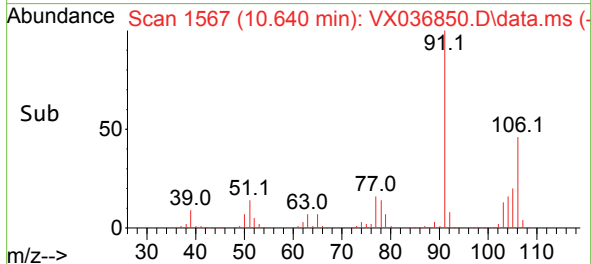
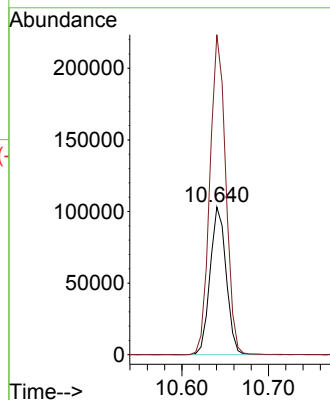
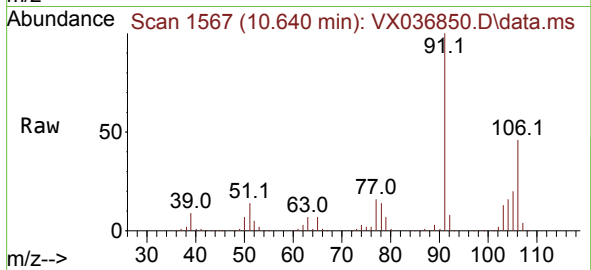
VSTDCCC050EC

Tgt Ion:106 Resp: 132680

Ion Ratio Lower Upper

106 100

91 214.5 108.9 326.8



#70

Styrene

Concen: 60.724 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

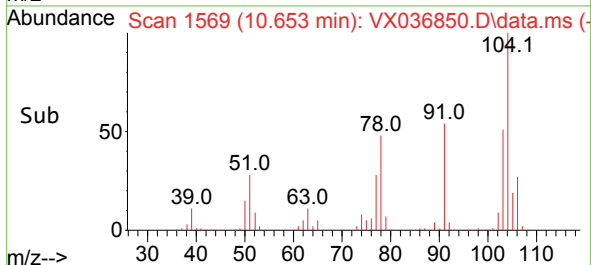
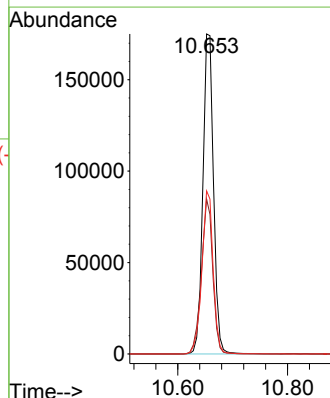
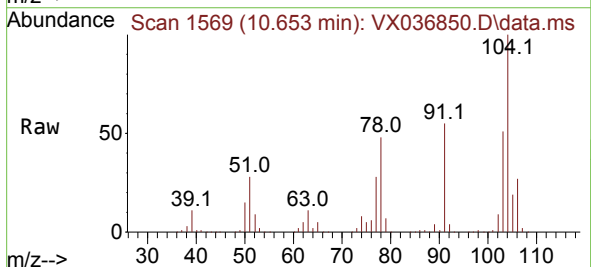
Tgt Ion:104 Resp: 235179

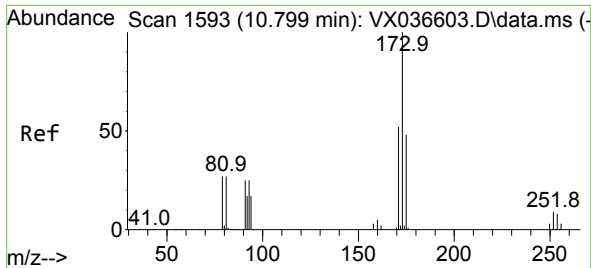
Ion Ratio Lower Upper

104 100

78 52.0 43.6 65.4

103 54.1 43.6 65.4

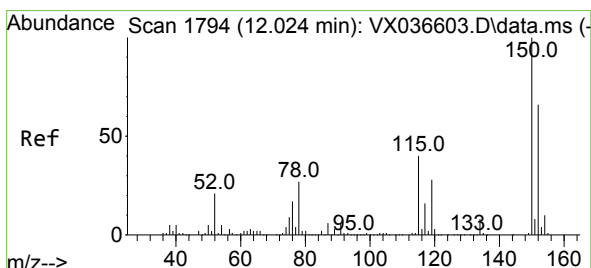
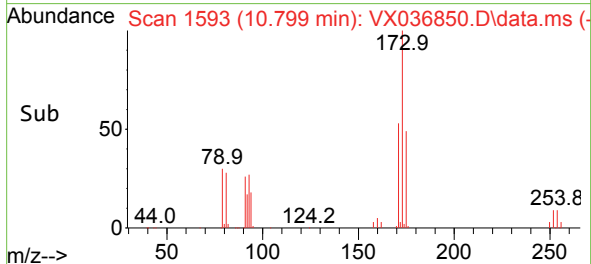
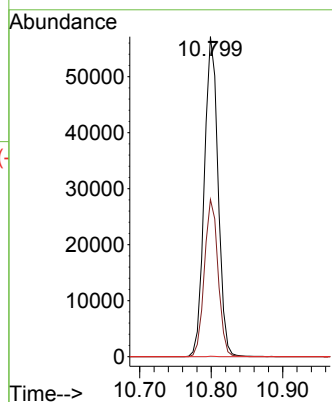
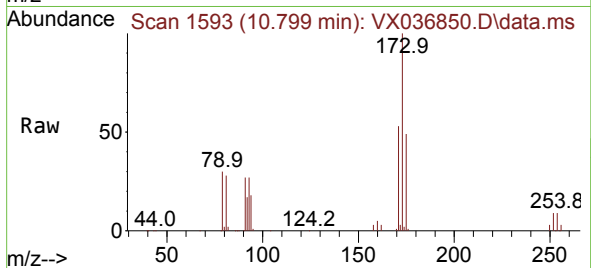




#71
Bromoform
Concen: 70.809 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

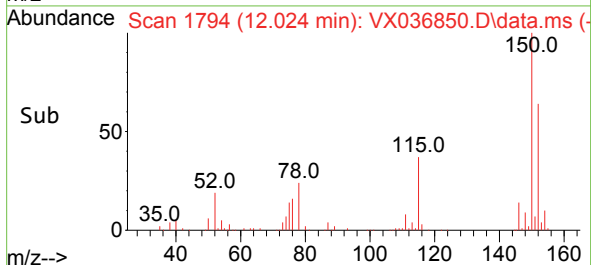
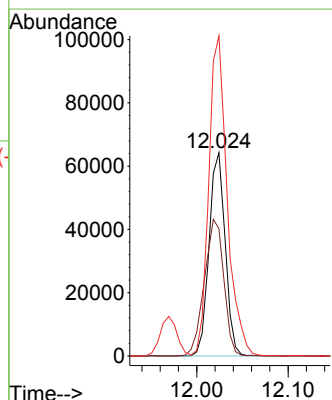
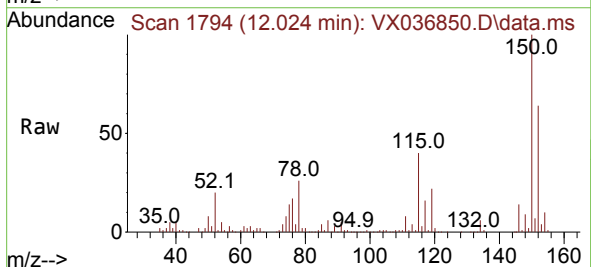
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

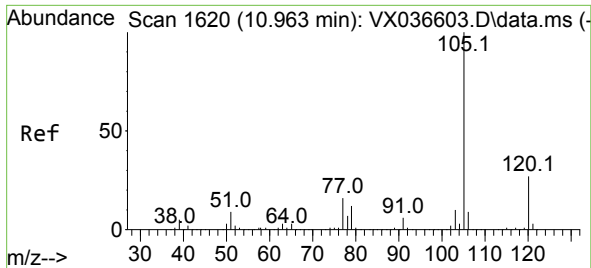
Tgt Ion:173 Resp: 76439
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion:152 Resp: 78655
Ion Ratio Lower Upper
152 100
115 81.2 43.3 129.9
150 179.3 0.0 345.0

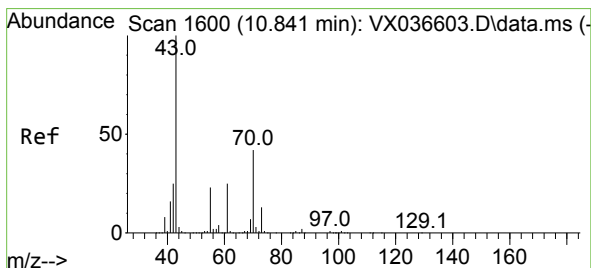
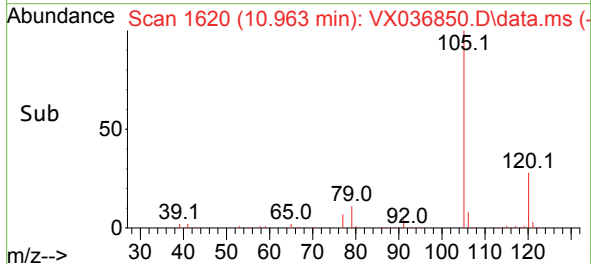
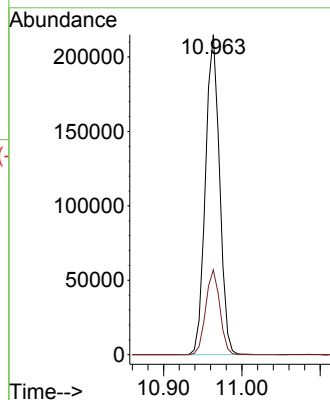
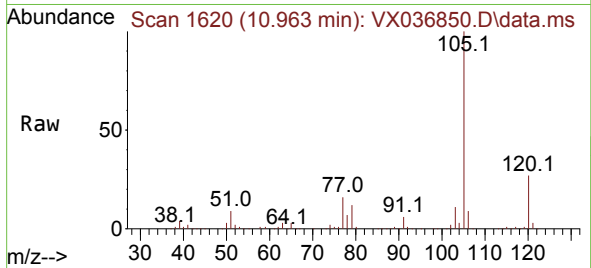




#73
Isopropylbenzene
Concen: 41.229 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

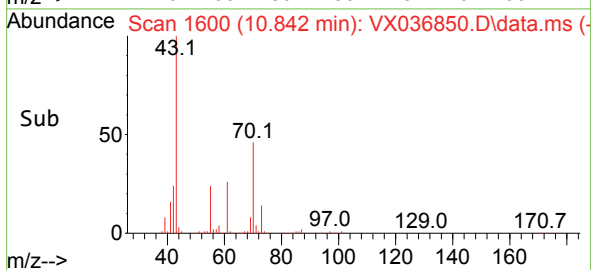
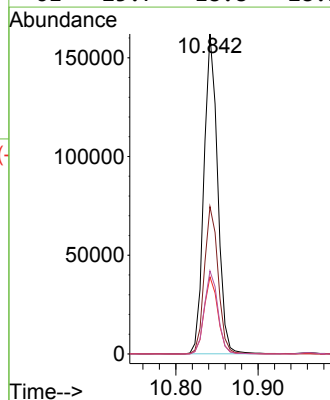
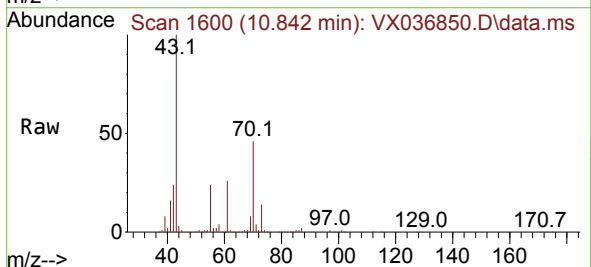
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 268375
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



#74
N-ethyl acetate
Concen: 61.716 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 43 Resp: 187337
Ion Ratio Lower Upper
43 100
70 46.5 32.9 49.3
55 24.4 19.3 28.9
61 25.7 18.8 28.2

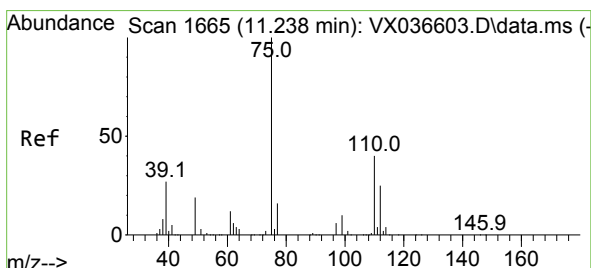
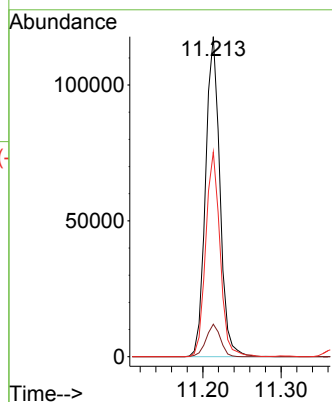
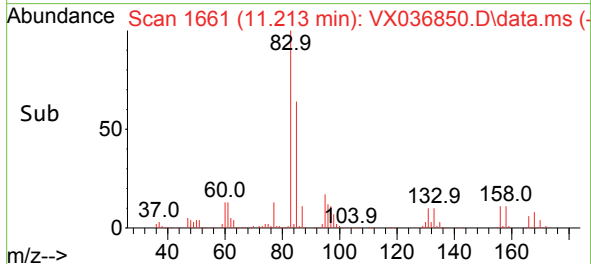
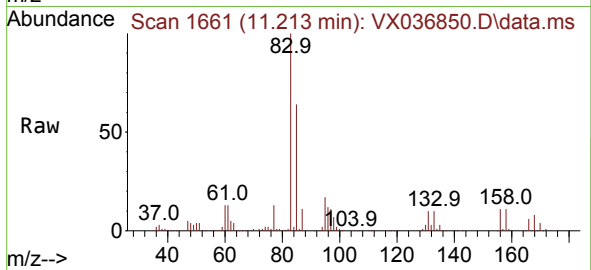




#75
 1,1,2,2-Tetrachloroethane
 Concen: 68.100 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

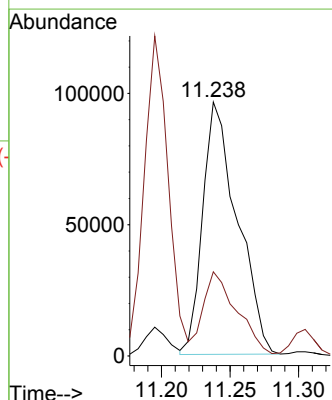
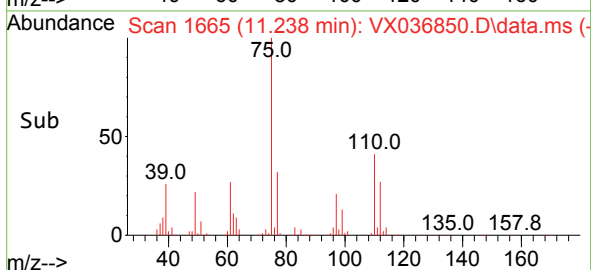
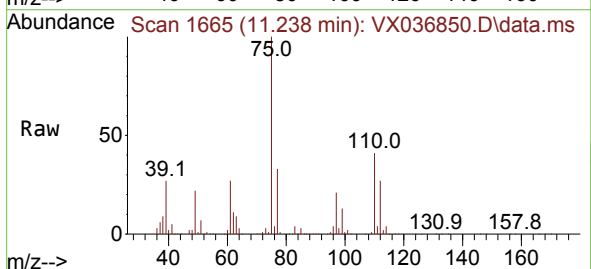
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 149722
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 15.8
 85 63.9 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 91.440 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

Tgt Ion: 75 Resp: 169168
 Ion Ratio Lower Upper
 75 100
 77 32.7 19.1 57.5





#77

Bromobenzene

Concen: 61.521 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

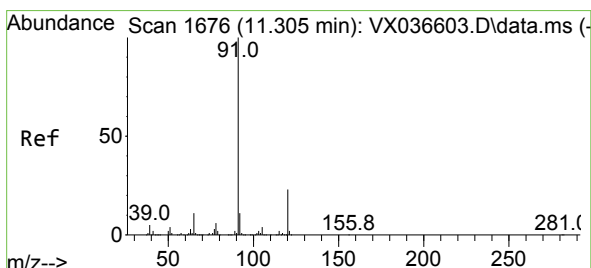
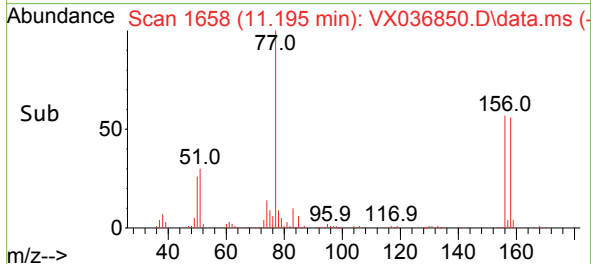
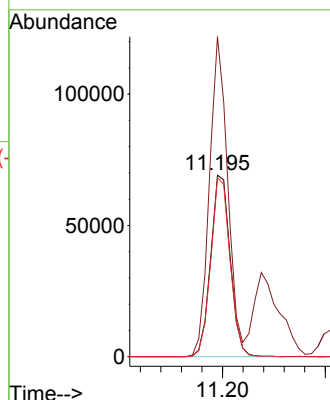
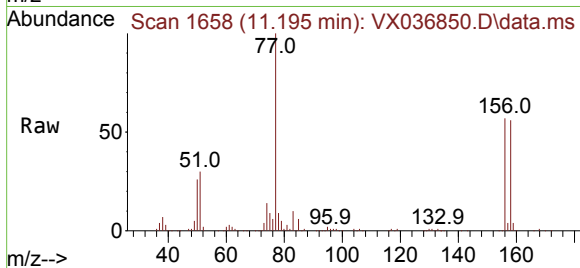
Tgt Ion:156 Resp: 91199

Ion Ratio Lower Upper

156 100

77 164.5 88.4 265.3

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 40.234 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036850.D

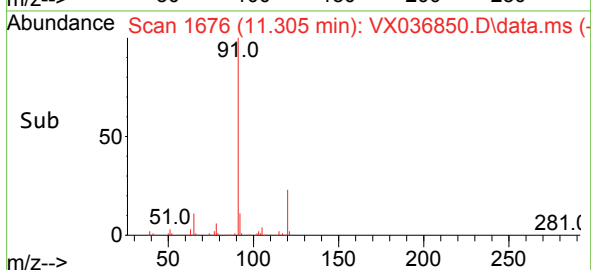
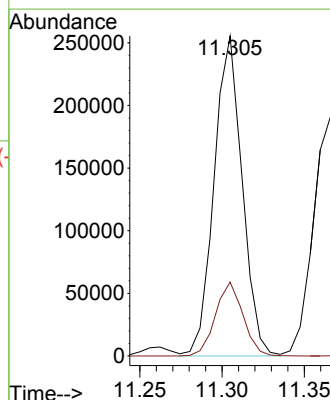
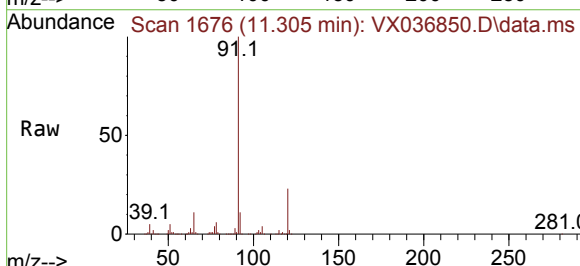
Acq: 07 Aug 2023 20:29

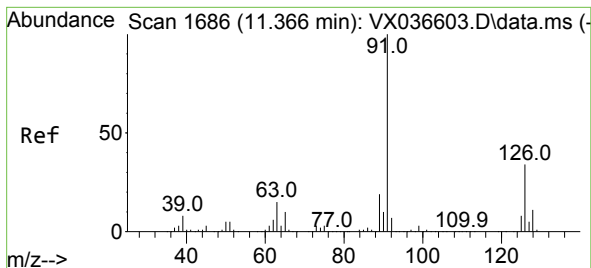
Tgt Ion: 91 Resp: 302887

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

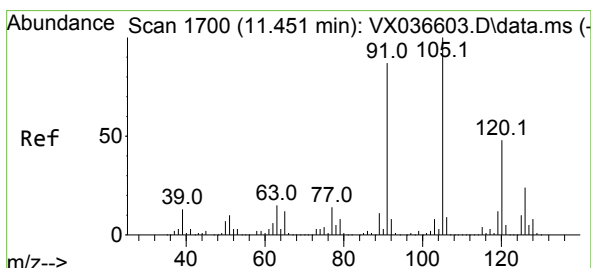
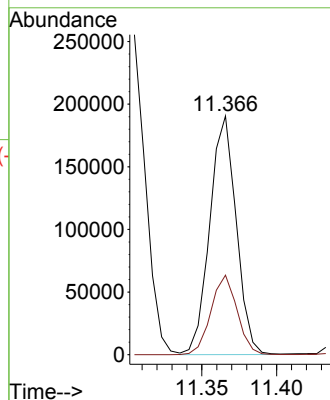
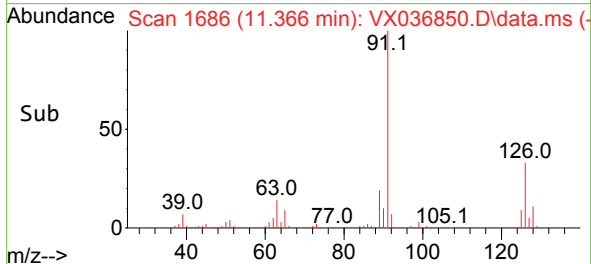
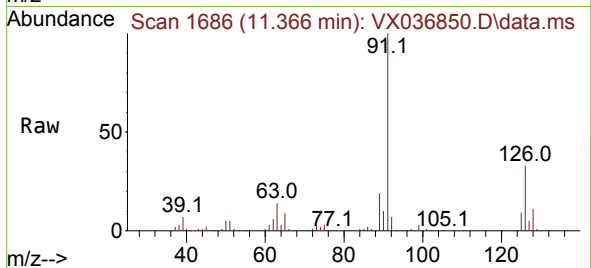




#79
2-Chlorotoluene
Concen: 51.447 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

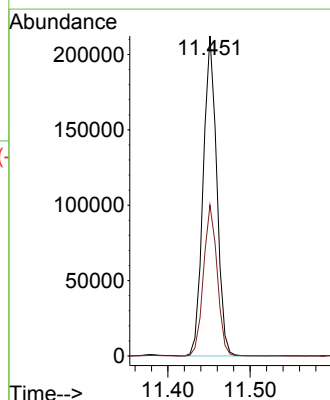
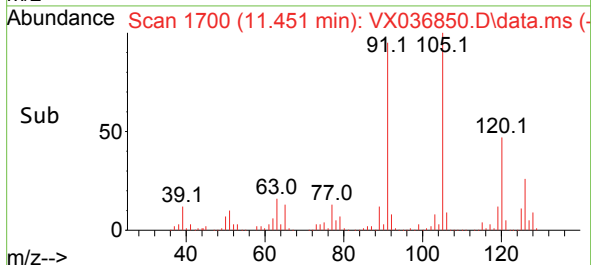
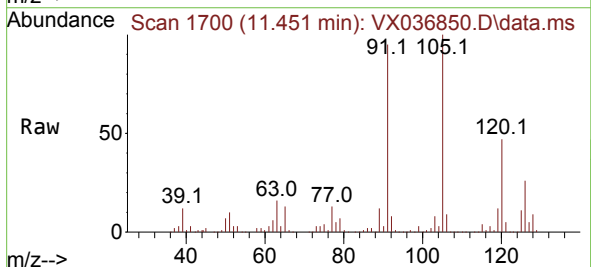
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

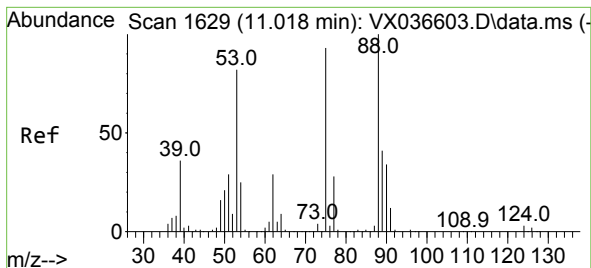
Tgt Ion: 91 Resp: 234692
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 44.771 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 105 Resp: 243804
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3

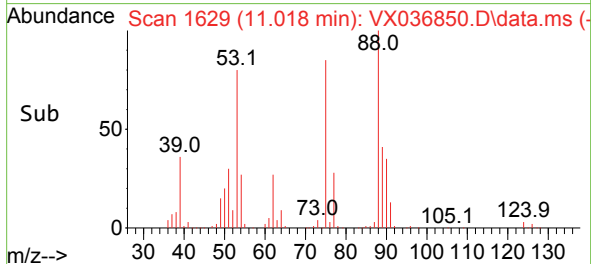
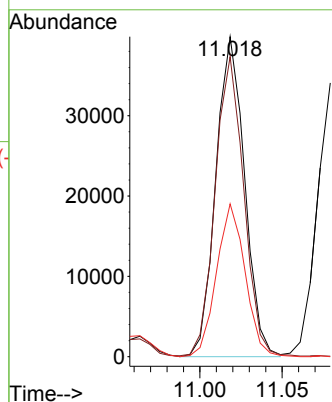
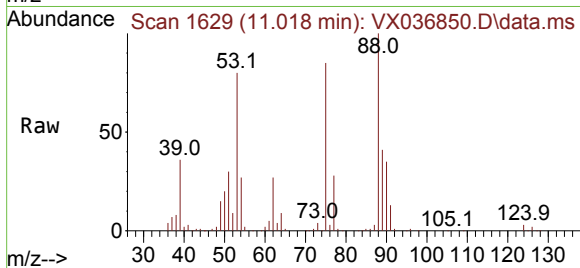




#81
trans-1,4-Dichloro-2-butene
Concen: 59.374 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

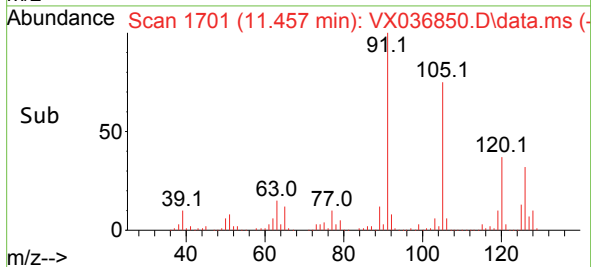
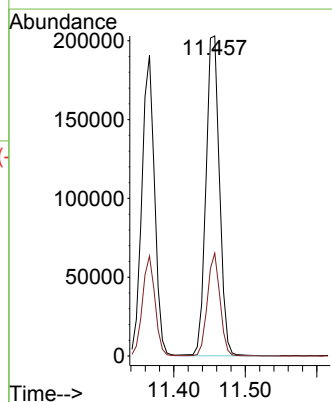
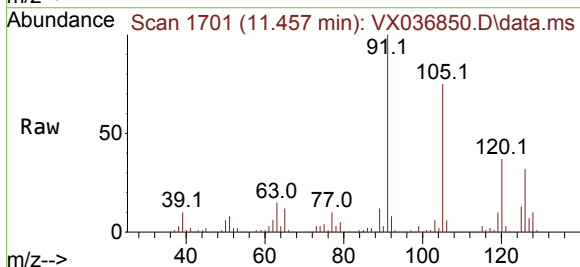
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

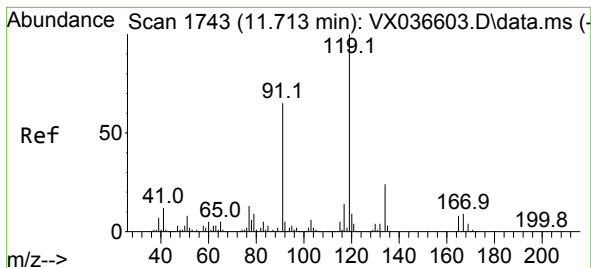
Tgt Ion: 75 Resp: 48463
Ion Ratio Lower Upper
75 100
53 92.8 90.5 135.7
89 47.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.410 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 91 Resp: 267216
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 40.121 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

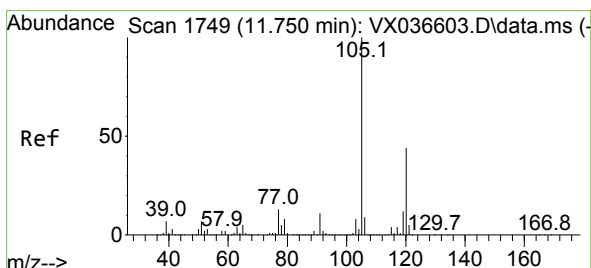
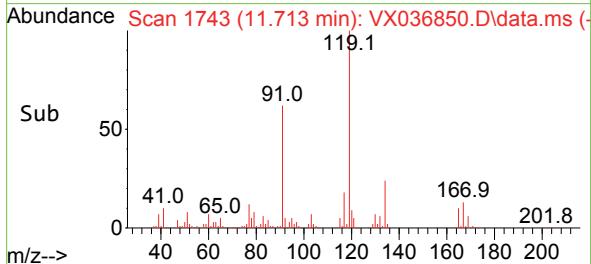
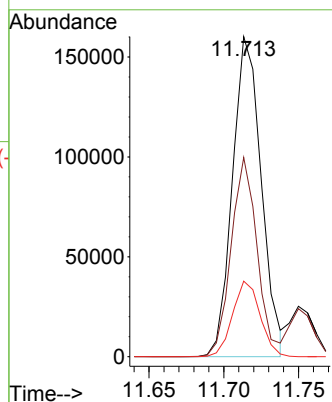
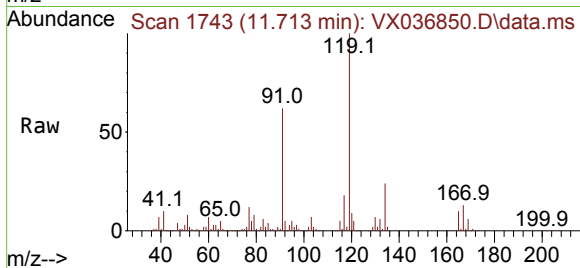
Tgt Ion:119 Resp: 214636

Ion Ratio Lower Upper

119 100

91 56.4 31.2 93.6

134 22.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 48.451 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036850.D

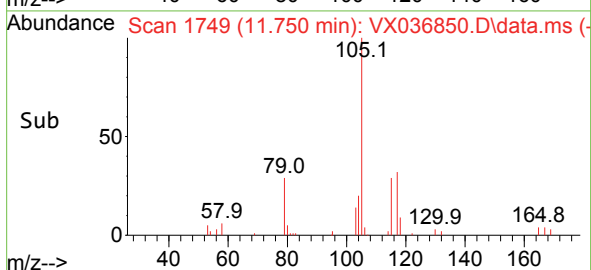
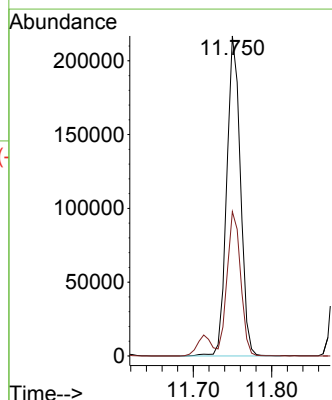
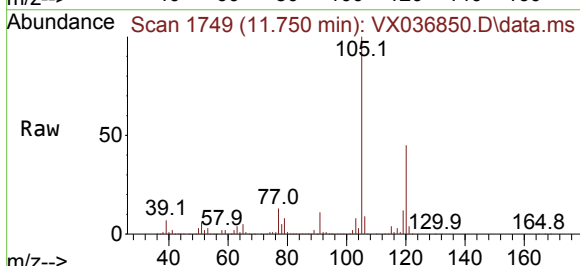
Acq: 07 Aug 2023 20:29

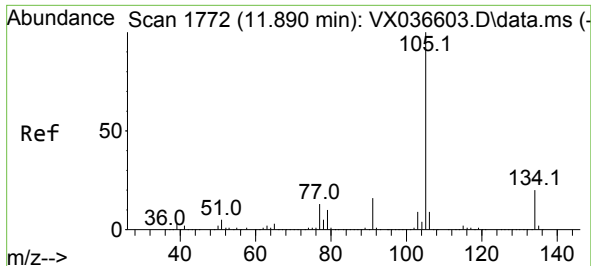
Tgt Ion:105 Resp: 263868

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6

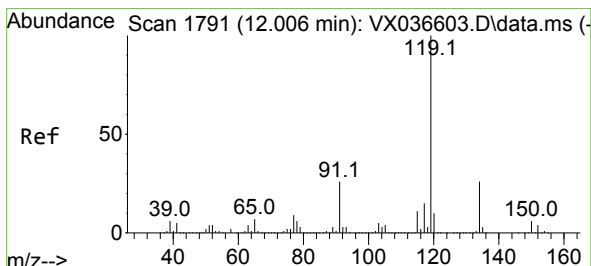
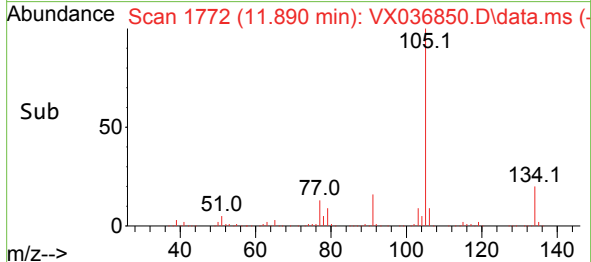
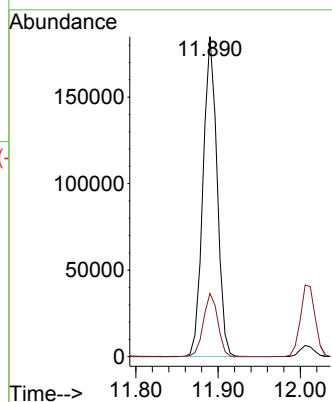
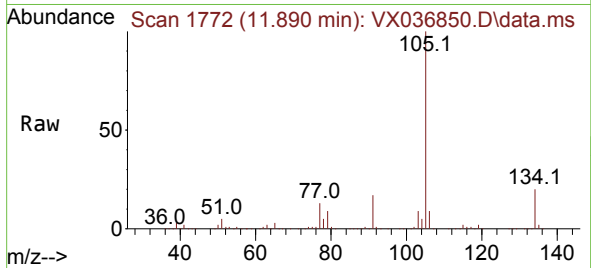




#85
 sec-Butylbenzene
 Concen: 32.827 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

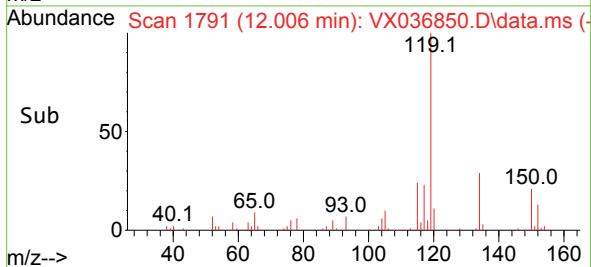
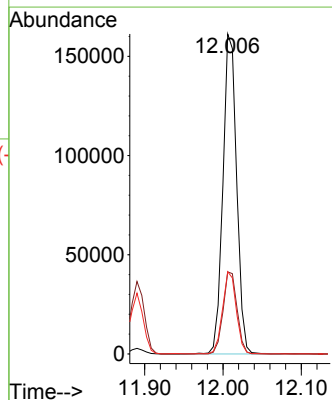
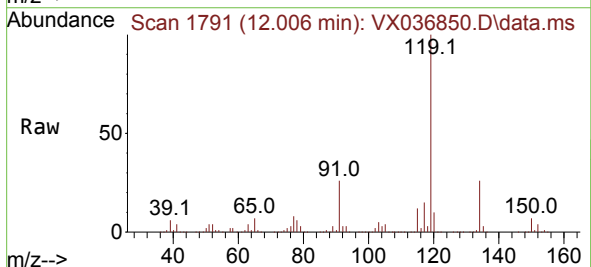
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 219009
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 35.930 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036850.D
 Acq: 07 Aug 2023 20:29

Tgt Ion:119 Resp: 197246
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 56.997 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

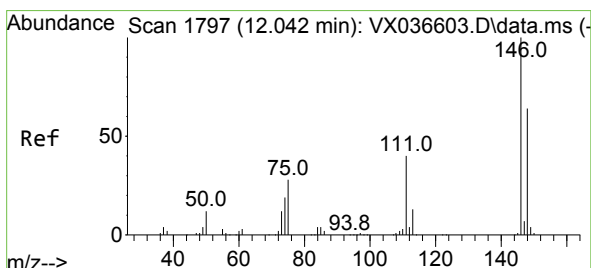
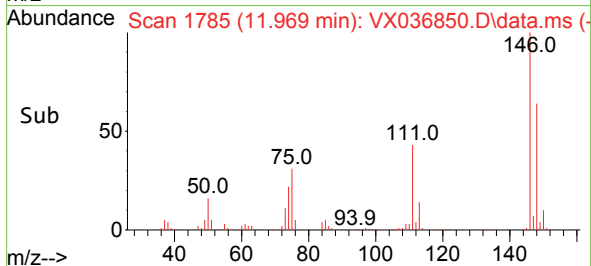
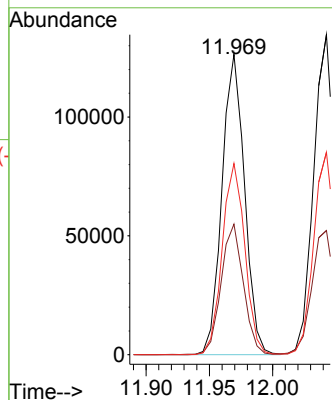
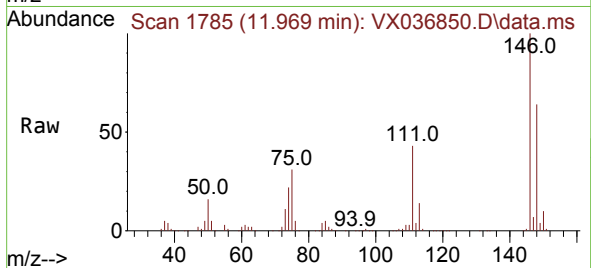
Tgt Ion:146 Resp: 156491

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.1

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 59.576 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

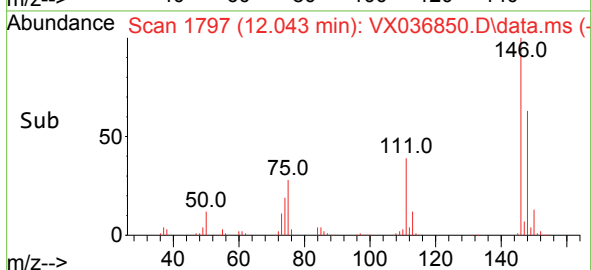
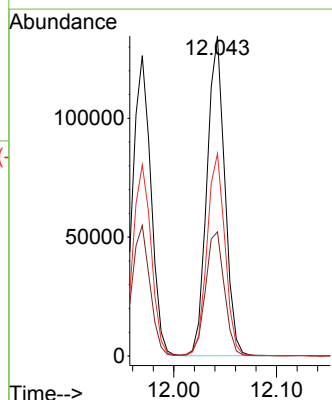
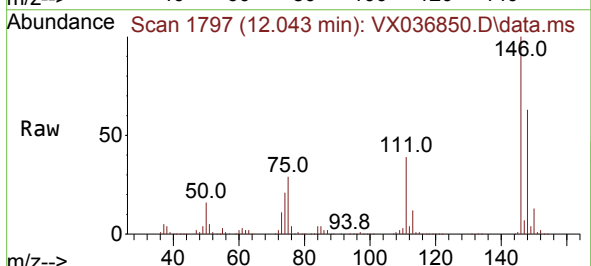
Tgt Ion:146 Resp: 162330

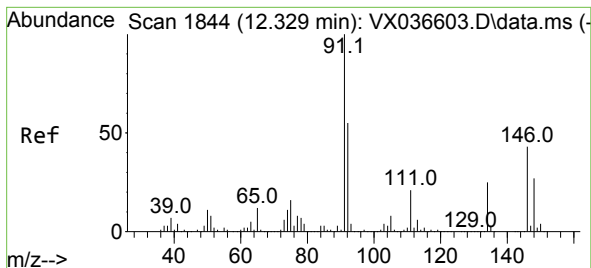
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 32.172 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

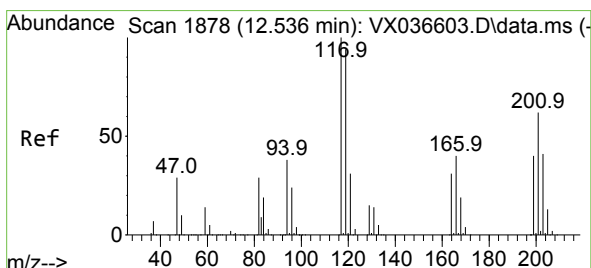
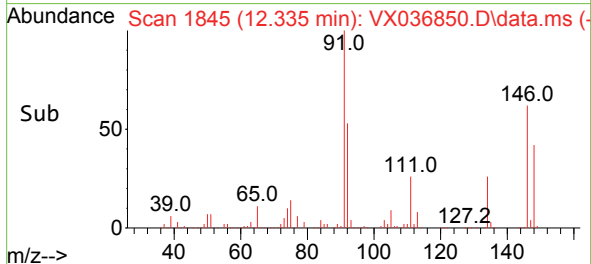
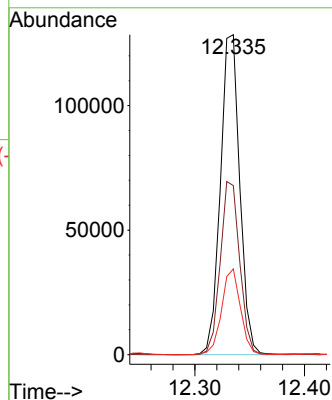
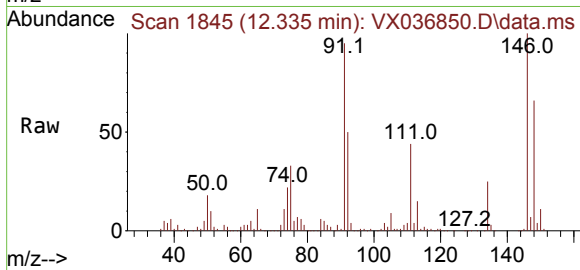
Tgt Ion: 91 Resp: 158100

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 36.767 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036850.D

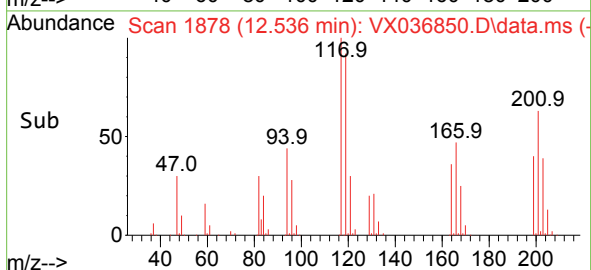
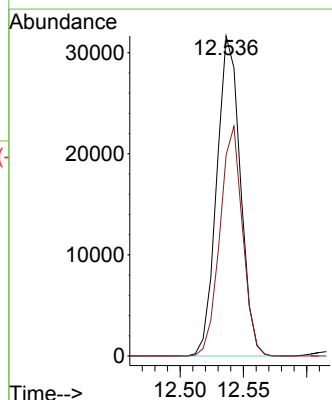
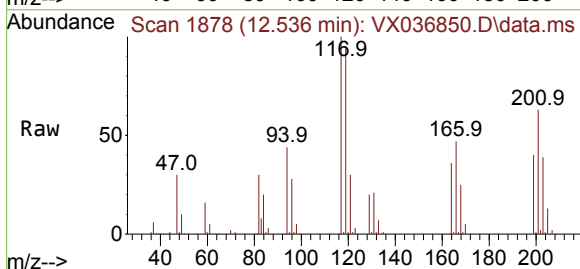
Acq: 07 Aug 2023 20:29

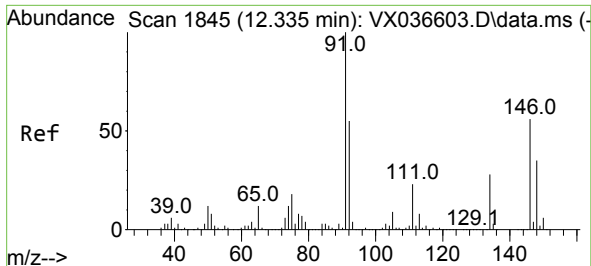
Tgt Ion: 117 Resp: 40919

Ion Ratio Lower Upper

117 100

201 69.0 32.9 98.6

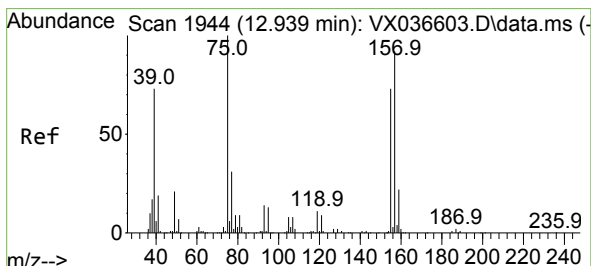
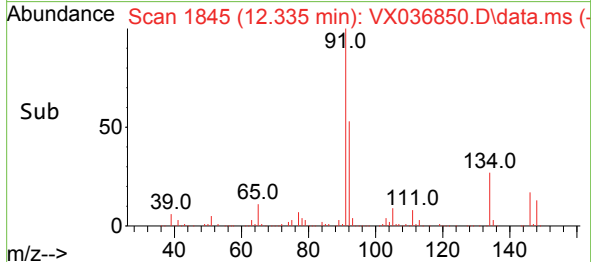
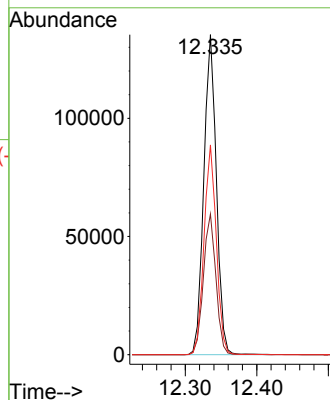
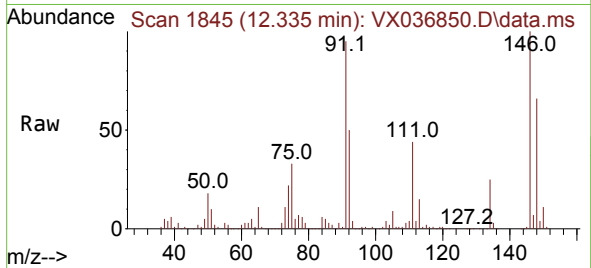




#91
1,2-Dichlorobenzene
Concen: 62.471 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

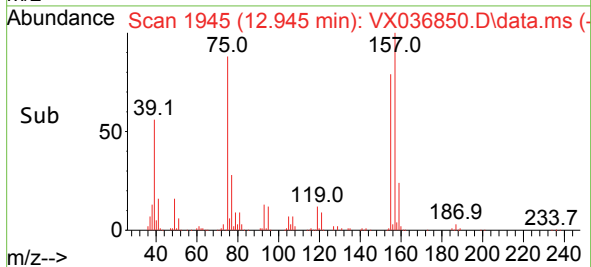
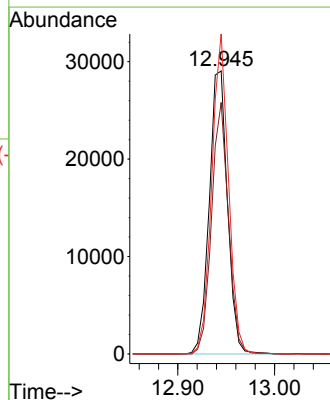
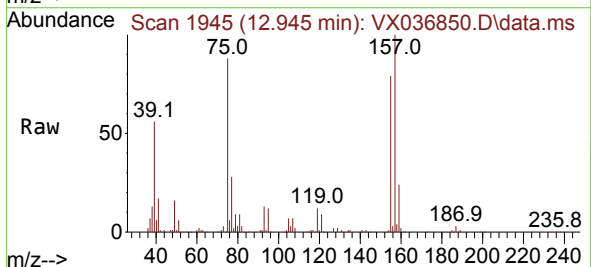
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

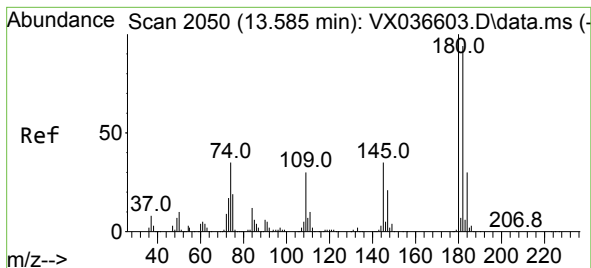
Tgt Ion:146 Resp: 165516
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 64.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 74.587 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036850.D
Acq: 07 Aug 2023 20:29

Tgt Ion: 75 Resp: 38106
Ion Ratio Lower Upper
75 100
155 82.3 36.1 108.5
157 103.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.161 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

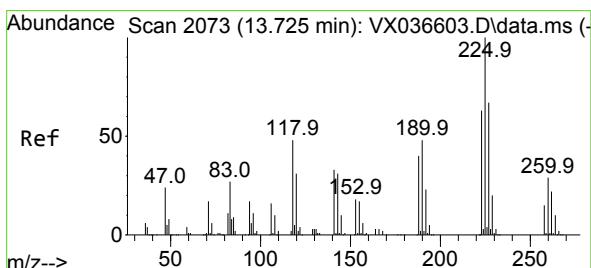
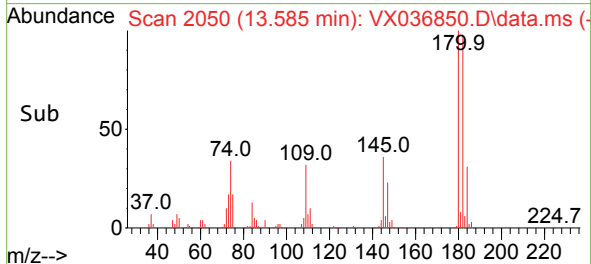
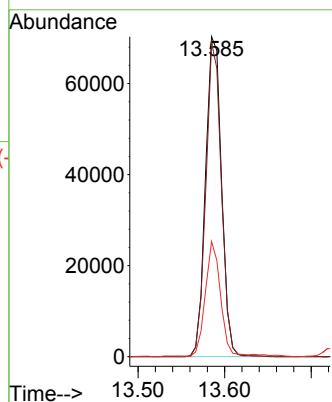
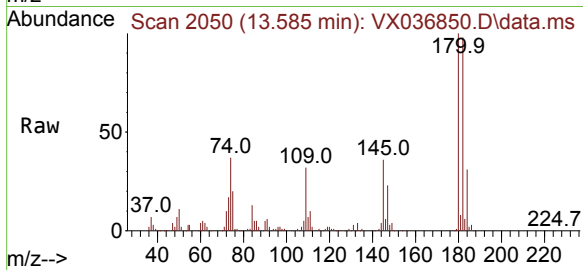
Tgt Ion:180 Resp: 90042

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 33.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 30.614 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

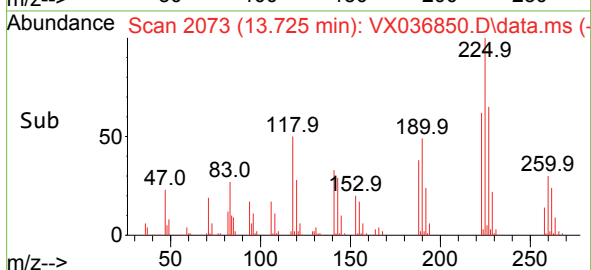
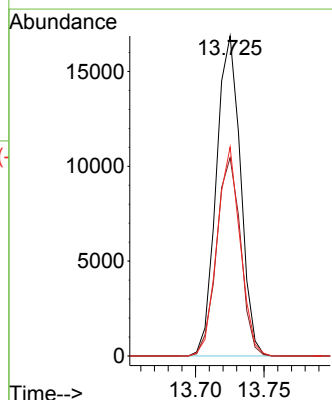
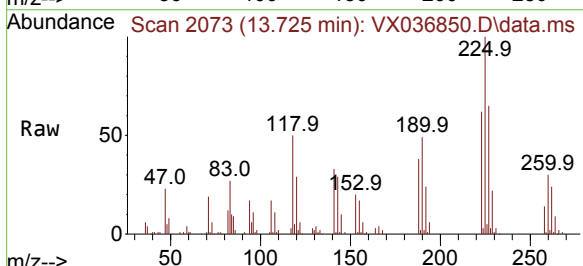
Tgt Ion:225 Resp: 20674

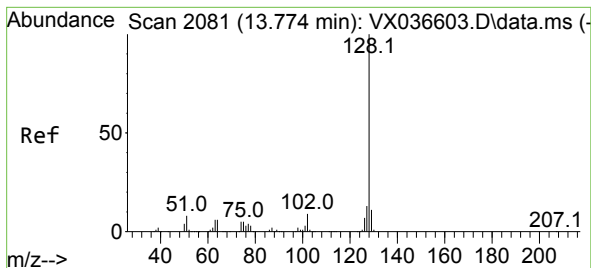
Ion Ratio Lower Upper

225 100

223 61.5 31.1 93.2

227 62.4 32.5 97.5





#95

Naphthalene

Concen: 73.451 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

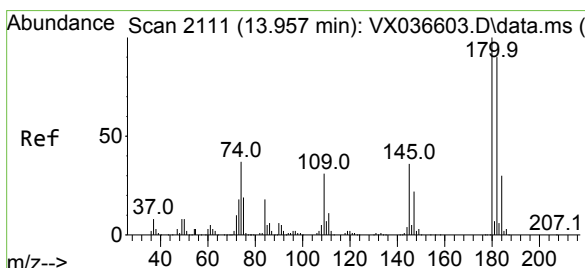
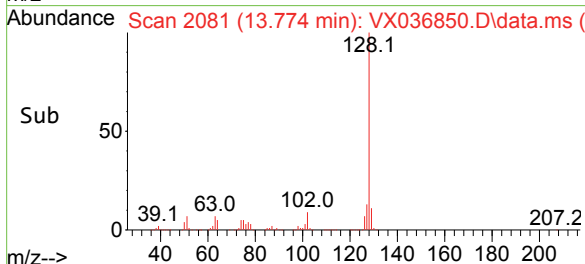
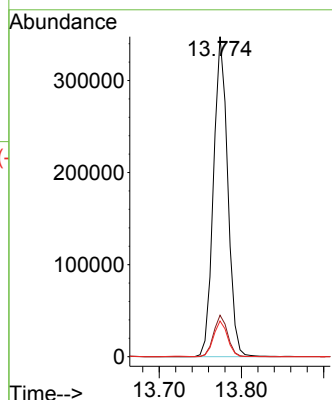
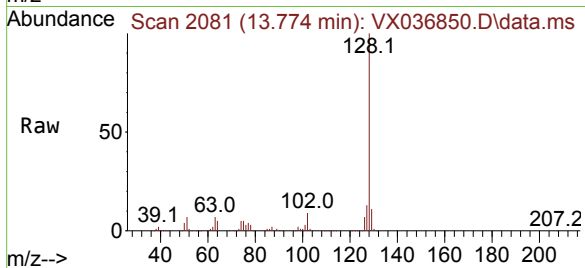
Tgt Ion:128 Resp: 417819

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 59.132 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036850.D

Acq: 07 Aug 2023 20:29

Tgt Ion:180 Resp: 95135

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

145 36.8 17.8 53.5

