

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036900.D
 Acq On : 09 Aug 2023 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 01:22:25 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	5.556	168	128255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91980	48.469	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.940%
35) Dibromofluoromethane	5.385	113	76567	49.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	8.647	98	255984	46.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.900%
62) 4-Bromofluorobenzene	11.079	95	105807	51.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91111	53.775	ug/l	98
3) Chloromethane	1.301	50	76742	49.799	ug/l	97
4) Vinyl Chloride	1.374	62	85825	54.702	ug/l	97
5) Bromomethane	1.599	94	39840	42.533	ug/l	95
6) Chloroethane	1.679	64	53146	69.672	ug/l	100
7) Trichlorofluoromethane	1.886	101	145655	60.116	ug/l	99
8) Diethyl Ether	2.136	74	51668	55.119	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	78652	54.031	ug/l	98
10) Methyl Iodide	2.453	142	96534	63.848	ug/l	94
11) Tert butyl alcohol	2.965	59	125437	279.199	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	76970	53.595	ug/l	87
13) Acrolein	2.239	56	73602	287.059	ug/l	99
14) Allyl chloride	2.666	41	126725	44.811	ug/l #	96
15) Acrylonitrile	3.062	53	240238	265.894	ug/l	99
16) Acetone	2.380	43	207043	262.918	ug/l	91
17) Carbon Disulfide	2.508	76	192394	48.540	ug/l	98
18) Methyl Acetate	2.703	43	171170	51.669	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	291706	54.052	ug/l	99
20) Methylene Chloride	2.788	84	89355	51.021	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	86405	53.832	ug/l	90
22) Diisopropyl ether	3.764	45	259323	48.296	ug/l #	86
23) Vinyl Acetate	3.721	43	1017045	246.928	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	158808	52.752	ug/l	97
25) 2-Butanone	4.556	43	333191	260.785	ug/l	91
26) 2,2-Dichloropropane	4.477	77	122420	43.156	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	104090	54.600	ug/l	89
28) Bromochloromethane	4.898	49	67452	46.328	ug/l	86
29) Tetrahydrofuran	5.007	42	213071	258.669	ug/l #	87
30) Chloroform	5.093	83	172779	56.098	ug/l	98
31) Cyclohexane	5.471	56	126691	48.216	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	156096	55.311	ug/l	98
36) 1,1-Dichloropropene	5.696	75	119882	52.312	ug/l	97
37) Ethyl Acetate	4.715	43	130741	50.405	ug/l	95
38) Carbon Tetrachloride	5.678	117	135617	55.663	ug/l	99
39) Methylcyclohexane	7.379	83	129636	45.493	ug/l	91
40) Benzene	6.038	78	356352	53.446	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71115	51.262	ug/l	91
42) 1,2-Dichloroethane	6.086	62	137186	56.276	ug/l	96
43) Isopropyl Acetate	6.342	43	213034	47.713	ug/l #	94
44) Trichloroethene	7.123	130	96912	55.607	ug/l	98
45) 1,2-Dichloropropane	7.434	63	89410	50.226	ug/l	98
46) Dibromomethane	7.580	93	68014	54.591	ug/l	95
47) Bromodichloromethane	7.824	83	136442	53.353	ug/l	96
48) Methyl methacrylate	7.690	41	102361	49.296	ug/l #	88
49) 1,4-Dioxane	7.659	88	51333	1223.740	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	651116	263.518	ug/l	93
52) Toluene	8.720	92	232701	55.700	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	145784	50.437	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	152134	49.879	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	96302	54.837	ug/l	96
56) Ethyl methacrylate	9.116	69	154258	53.943	ug/l	90
57) 1,3-Dichloropropane	9.305	76	160250	54.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	337753	239.704	ug/l	95
59) 2-Hexanone	9.427	43	497006	271.027	ug/l	91
60) Dibromochloromethane	9.519	129	107196	55.536	ug/l	100
61) 1,2-Dibromoethane	9.610	107	104136	57.215	ug/l	100
64) Tetrachloroethene	9.275	164	86622	55.962	ug/l	98
65) Chlorobenzene	10.080	112	248439	54.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97293	55.029	ug/l	99
67) Ethyl Benzene	10.195	91	445187	53.274	ug/l	100
68) m/p-Xylenes	10.299	106	343335	110.118	ug/l	98
69) o-Xylene	10.640	106	170668	54.838	ug/l	98
70) Styrene	10.653	104	283478	55.208	ug/l	98
71) Bromoform	10.799	173	77673	54.271	ug/l #	99
73) Isopropylbenzene	10.964	105	439408	49.762	ug/l	99
74) N-amyl acetate	10.842	43	181901	44.175	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	149904	50.263	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	170646	67.996	ug/l	90
77) Bromobenzene	11.195	156	105966	52.695	ug/l	93
78) n-propylbenzene	11.305	91	500408	49.001	ug/l	99
79) 2-Chlorotoluene	11.366	91	308649	49.877	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	369206	49.980	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46905	42.362	ug/l	88
82) 4-Chlorotoluene	11.451	91	357342	50.681	ug/l	98
83) tert-Butylbenzene	11.713	119	355453	48.981	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	377990	51.165	ug/l	97
85) sec-Butylbenzene	11.890	105	425940	47.064	ug/l	99
86) p-Isopropyltoluene	12.006	119	362229	48.642	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	198996	53.429	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	199465	53.965	ug/l	99
89) n-Butylbenzene	12.329	91	305270	45.793	ug/l	99
90) Hexachloroethane	12.536	117	65554	43.422	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	196336	54.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36301	52.379	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	114505	51.711	ug/l	98
94) Hexachlorobutadiene	13.725	225	42774	46.692	ug/l	98
95) Naphthalene	13.774	128	432654	56.069	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117729	53.943	ug/l	100

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QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

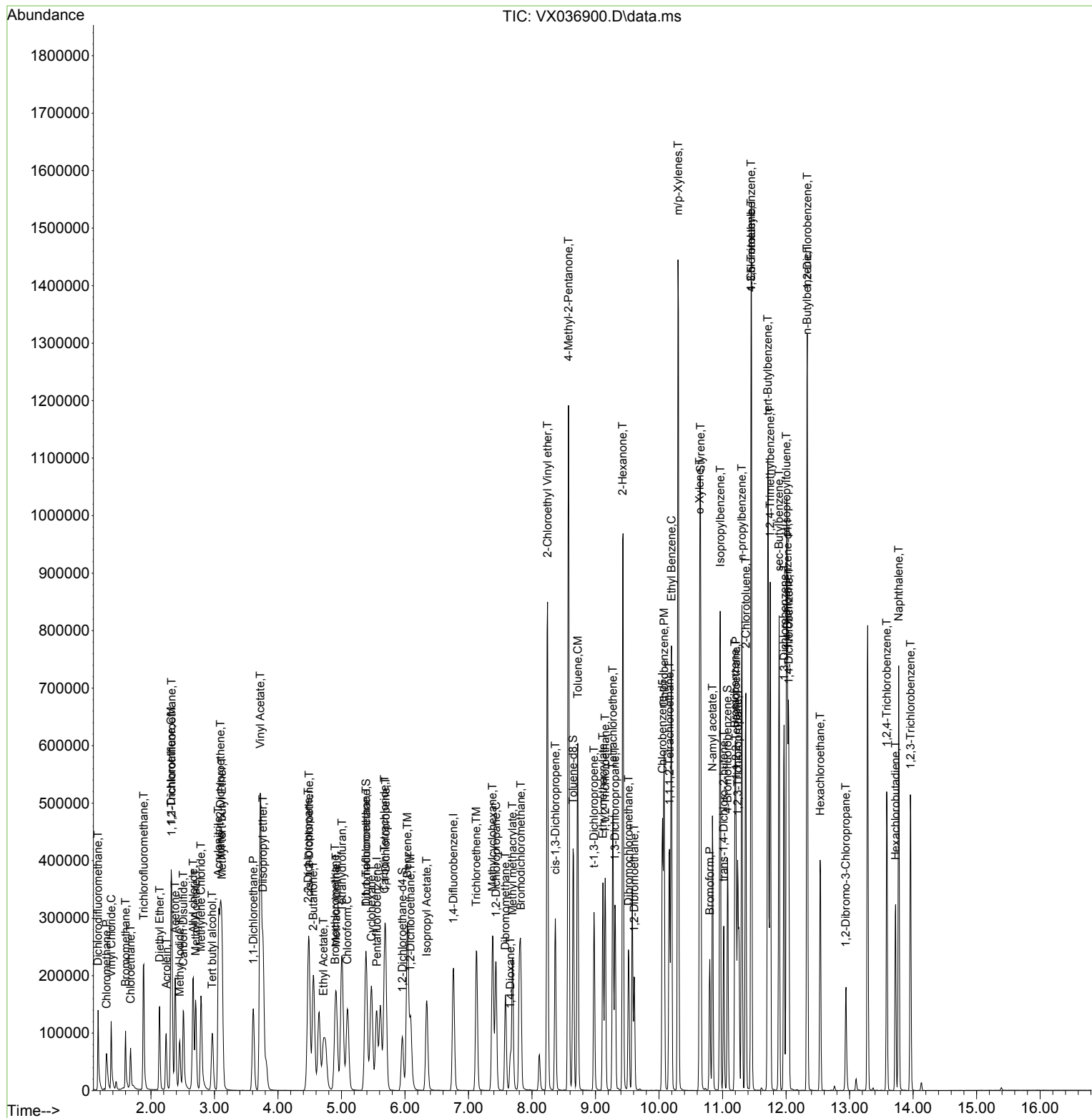
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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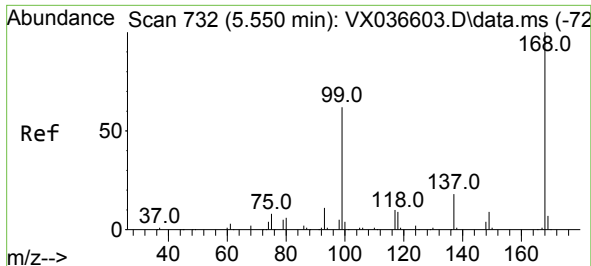
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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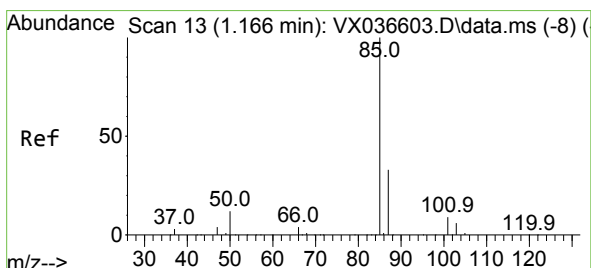
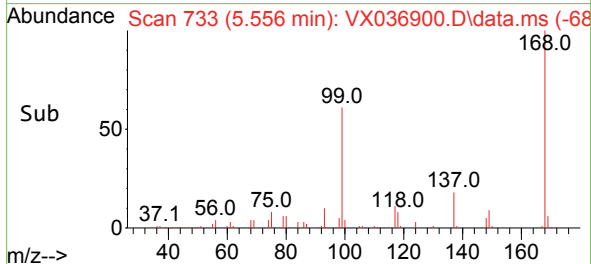
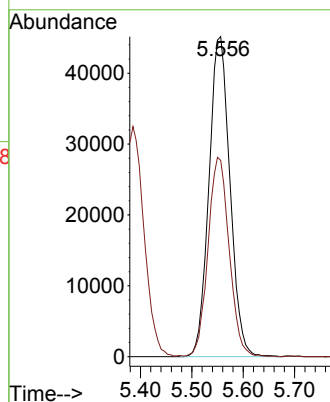
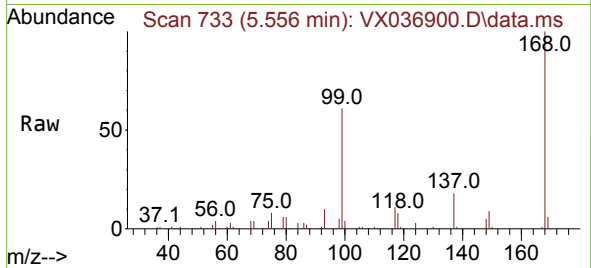




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036900.D
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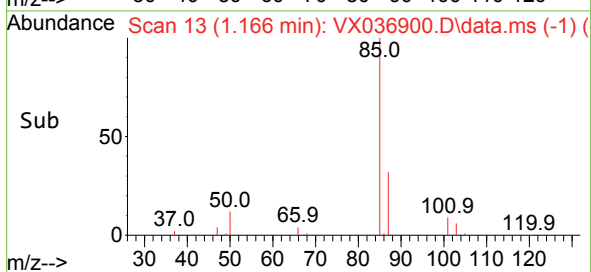
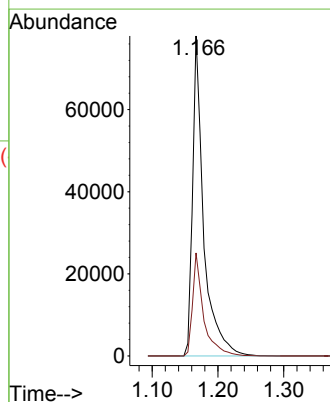
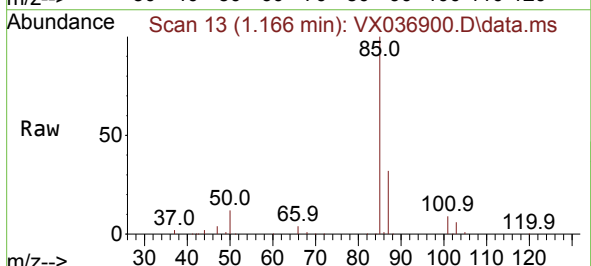
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

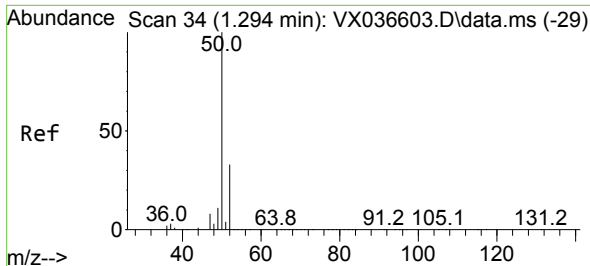
Tgt Ion:168 Resp: 128255
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 53.775 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 85 Resp: 91111
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1

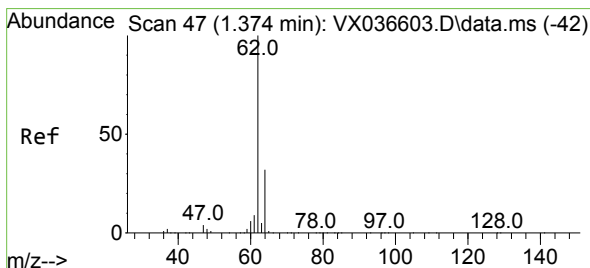
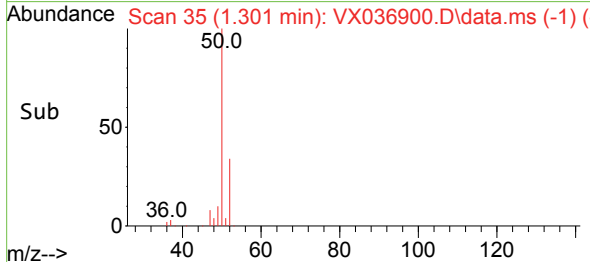
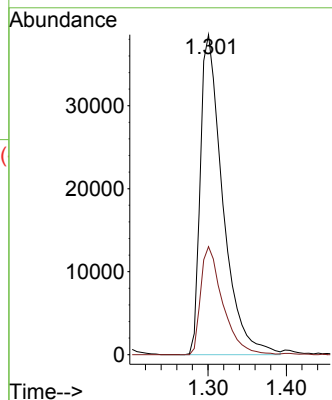
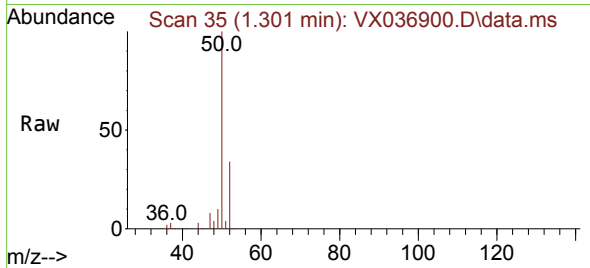




#3
Chloromethane
Concen: 49.799 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

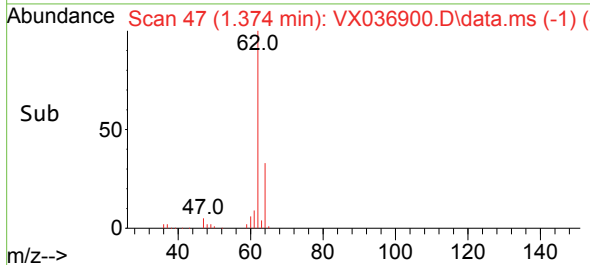
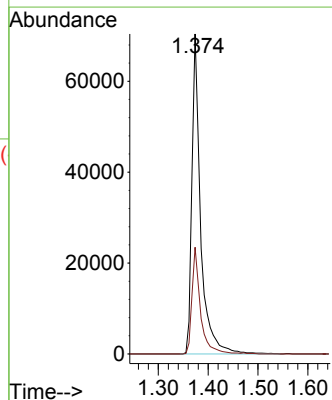
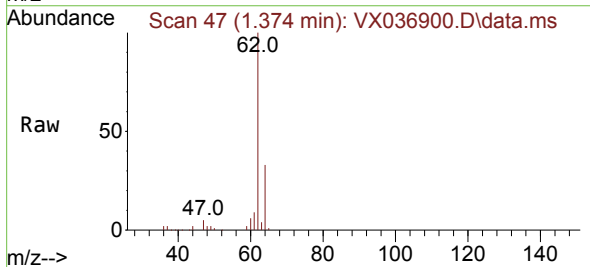
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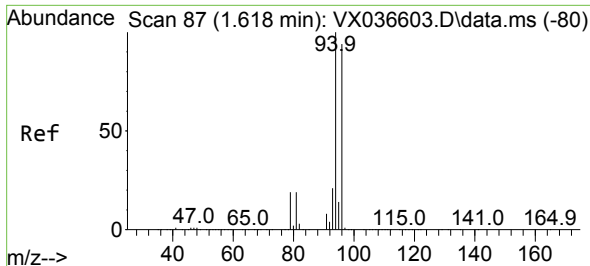
Tgt Ion: 50 Resp: 76742
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3



#4
Vinyl Chloride
Concen: 54.702 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 62 Resp: 85825
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

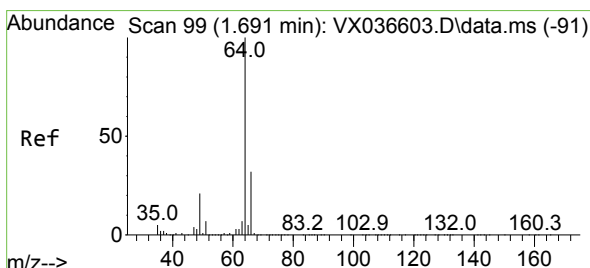
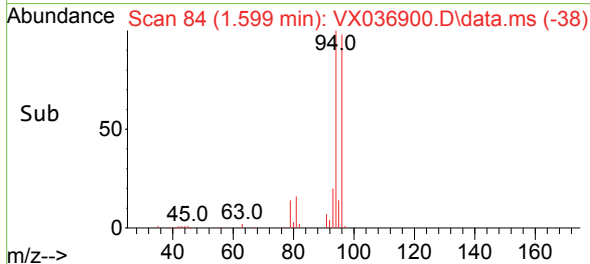
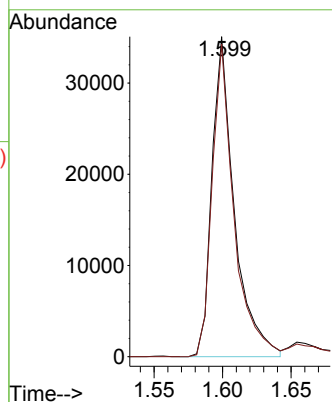
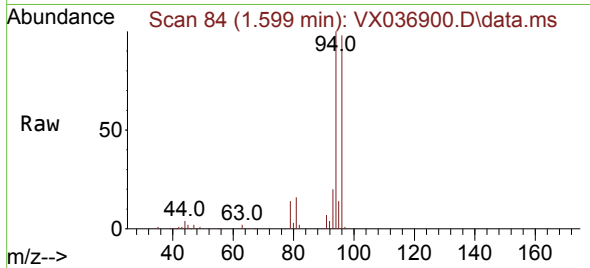




#5
Bromomethane
Concen: 42.533 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036900.D
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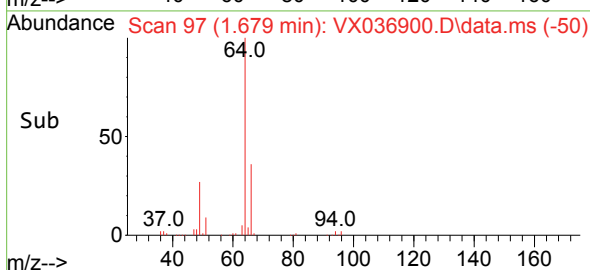
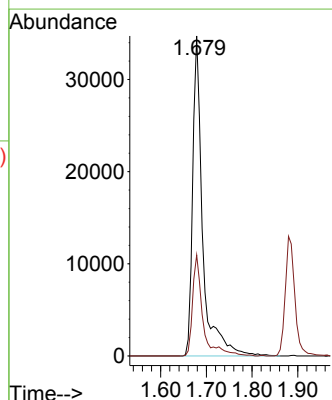
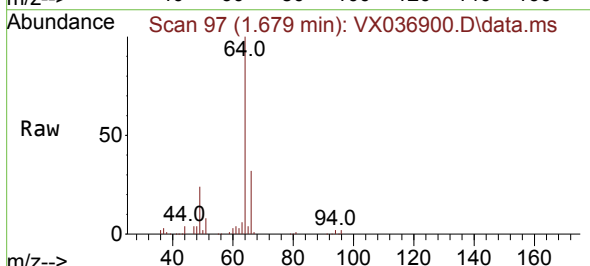
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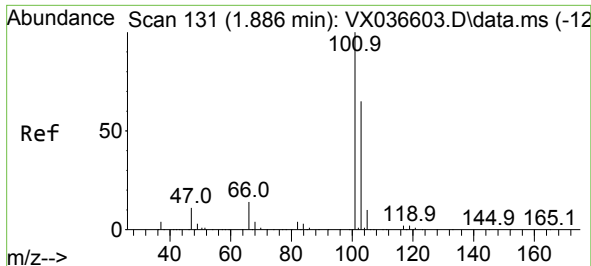
Tgt Ion: 94 Resp: 39840
Ion Ratio Lower Upper
94 100
96 97.7 74.6 111.8



#6
Chloroethane
Concen: 69.672 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 64 Resp: 53146
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7

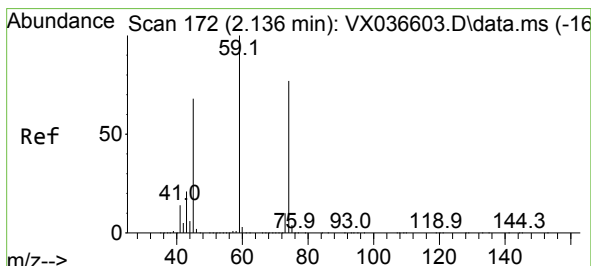
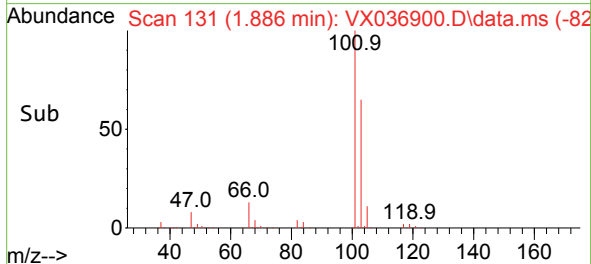
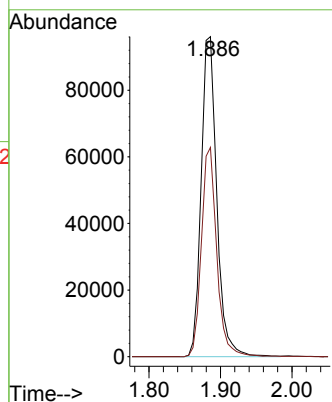
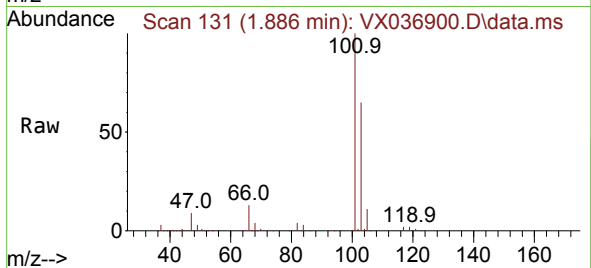




#7
Trichlorofluoromethane
Concen: 60.116 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

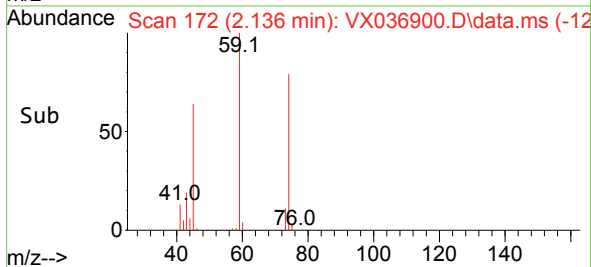
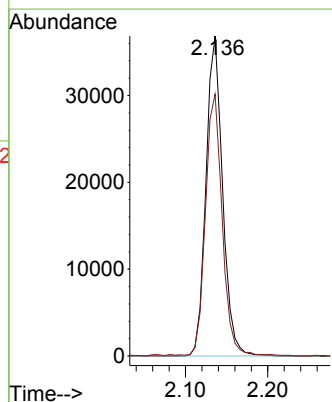
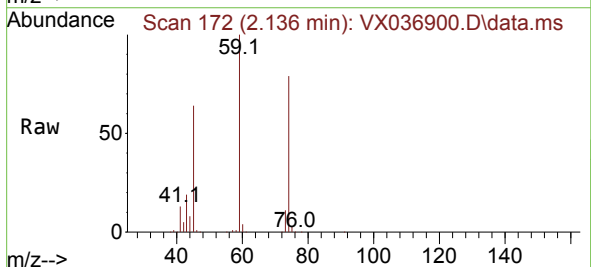
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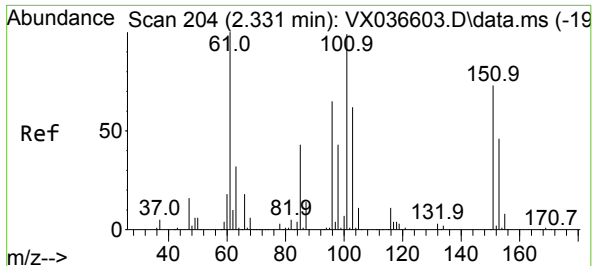
Tgt Ion:101 Resp: 145655
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



#8
Diethyl Ether
Concen: 55.119 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 74 Resp: 51668
Ion Ratio Lower Upper
74 100
45 83.1 53.3 159.8

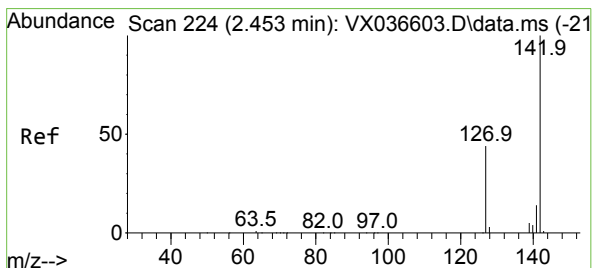
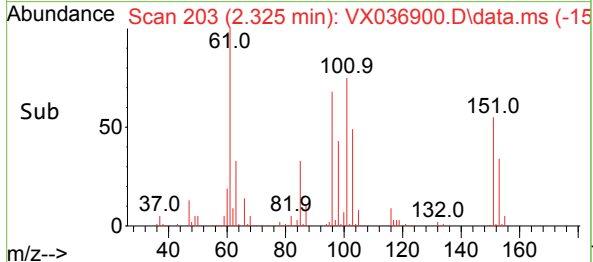
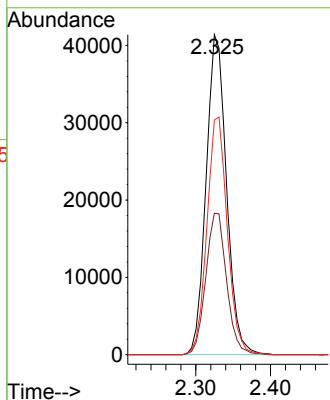
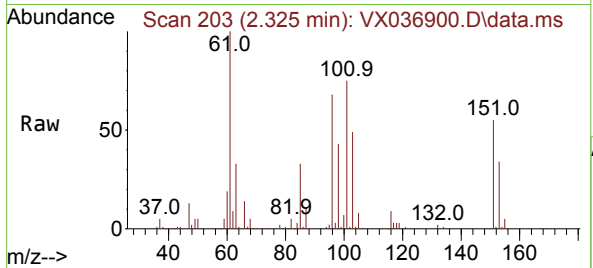




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.031 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

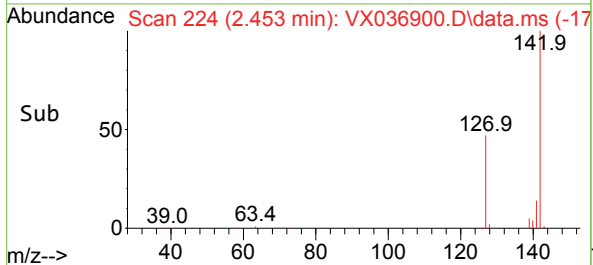
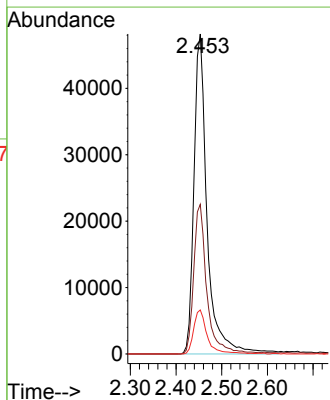
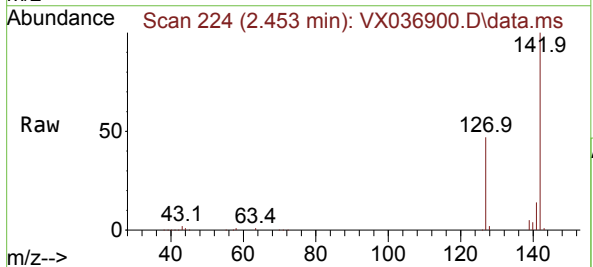
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

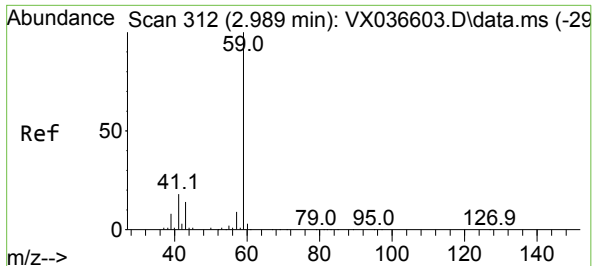
Tgt Ion:101 Resp: 78652
 Ion Ratio Lower Upper
 101 100
 85 45.1 37.0 55.6
 151 74.4 58.6 87.8



#10
 Methyl Iodide
 Concen: 63.848 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion:142 Resp: 96534
 Ion Ratio Lower Upper
 142 100
 127 46.8 41.6 62.4
 141 14.1 11.6 17.4

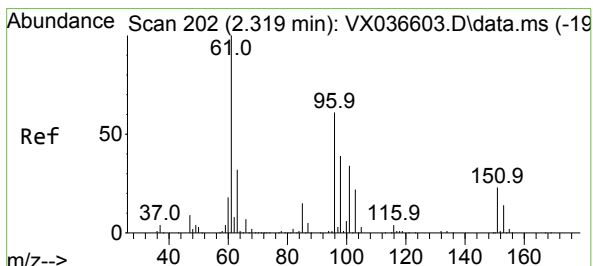
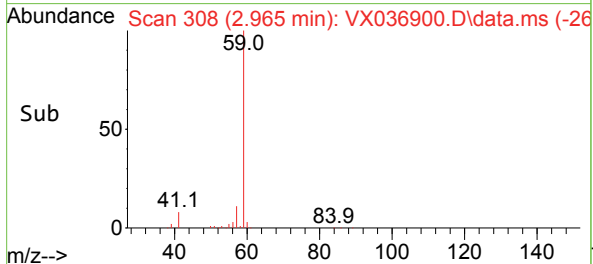
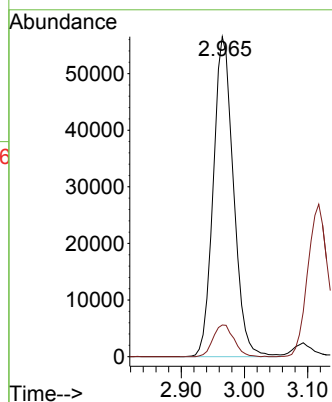
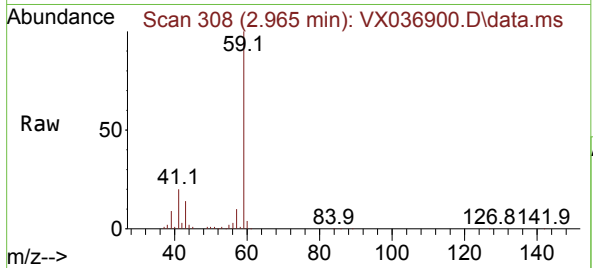




#11
Tert butyl alcohol
Concen: 279.199 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

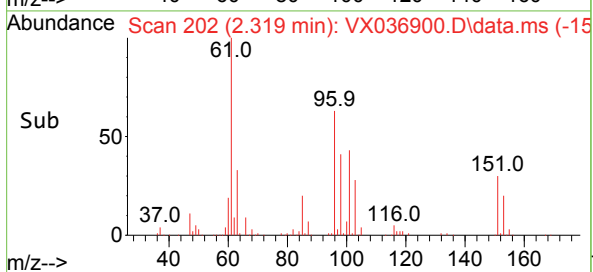
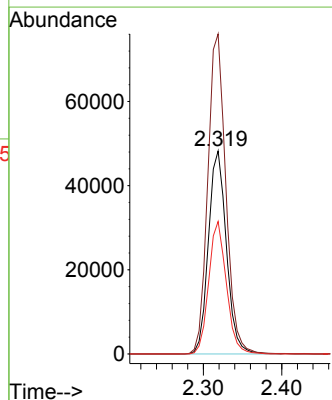
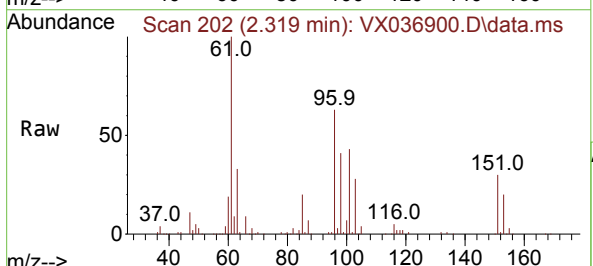
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

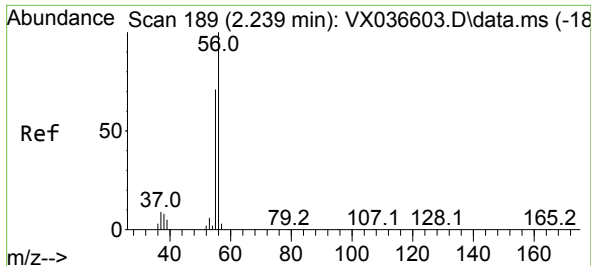
Tgt Ion: 59 Resp: 125437
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 53.595 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 96 Resp: 76970
Ion Ratio Lower Upper
96 100
61 157.6 144.6 216.8
98 65.2 50.4 75.6





#13

Acrolein

Concen: 287.059 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

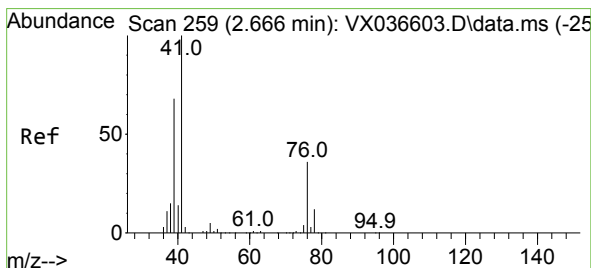
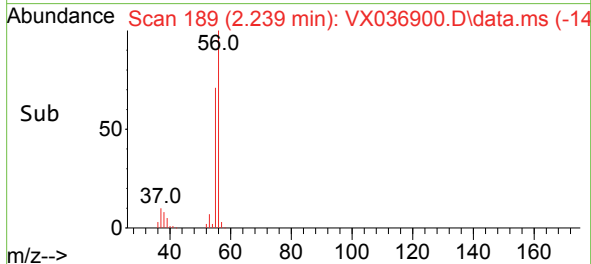
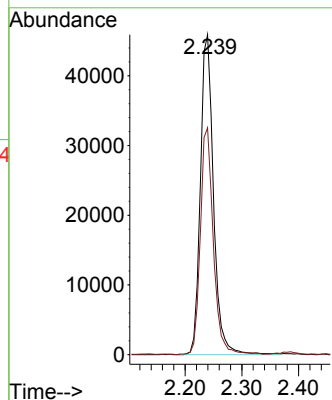
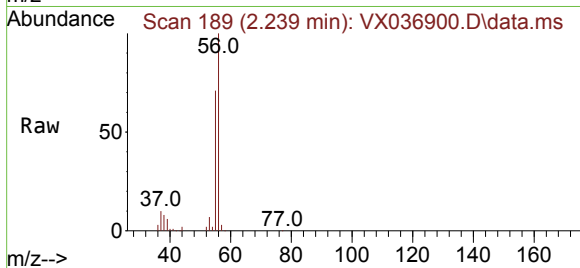
VSTDCCC050EC

Tgt Ion: 56 Resp: 73602

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



#14

Allyl chloride

Concen: 44.811 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

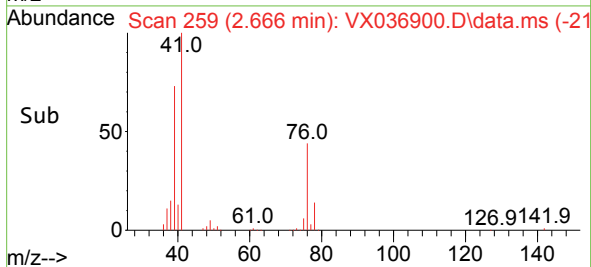
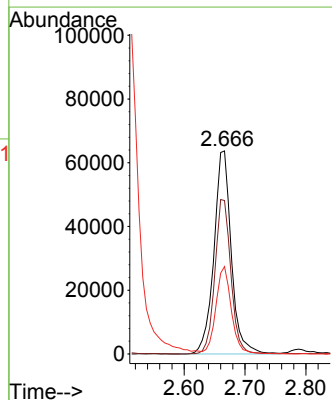
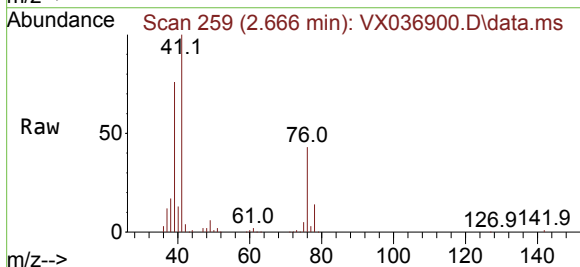
Tgt Ion: 41 Resp: 126725

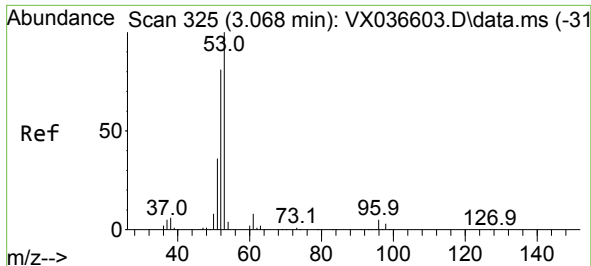
Ion Ratio Lower Upper

41 100

39 69.9 55.8 83.6

76 37.7 24.3 36.5#

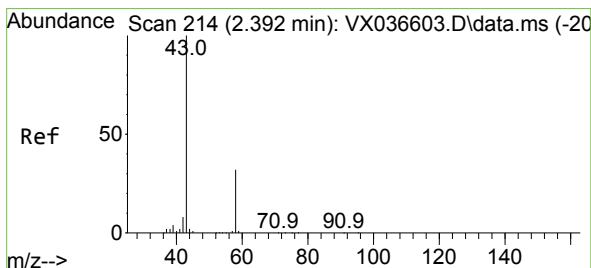
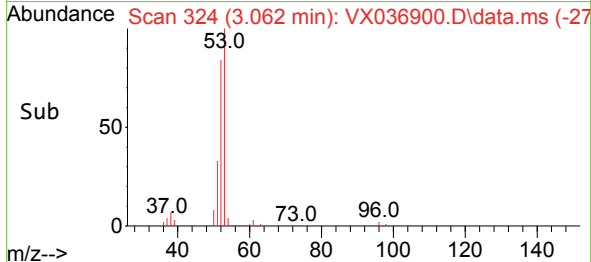
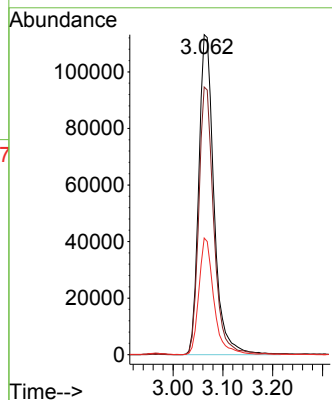
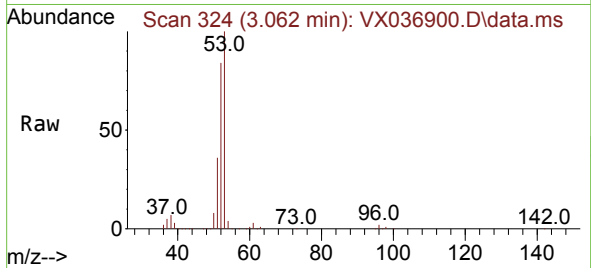




#15
Acrylonitrile
Concen: 265.894 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

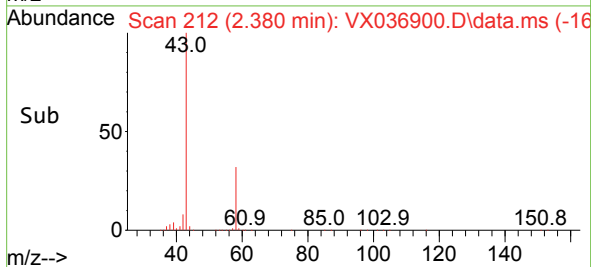
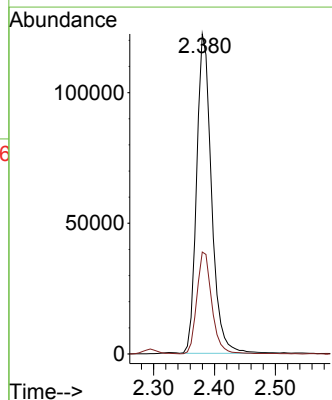
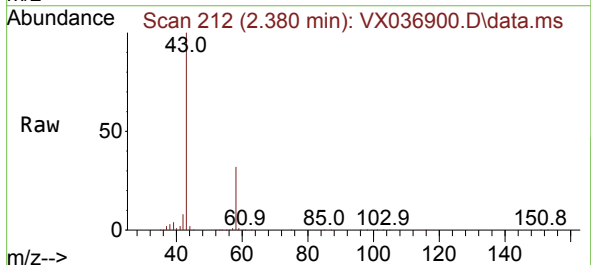
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

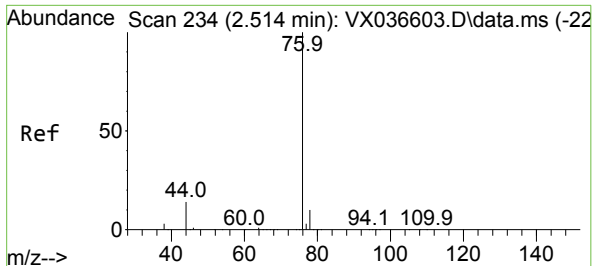
Tgt Ion: 53 Resp: 240238
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 35.8 29.8 44.6



#16
Acetone
Concen: 262.918 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 43 Resp: 207043
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





#17

Carbon Disulfide

Concen: 48.540 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

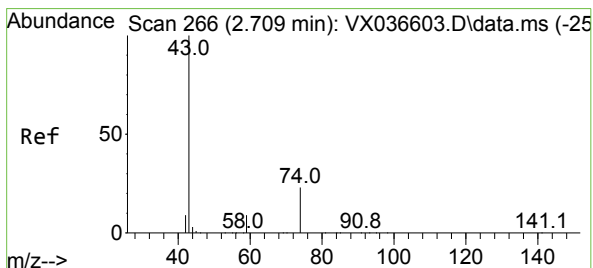
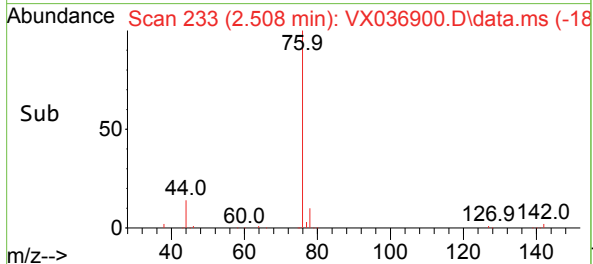
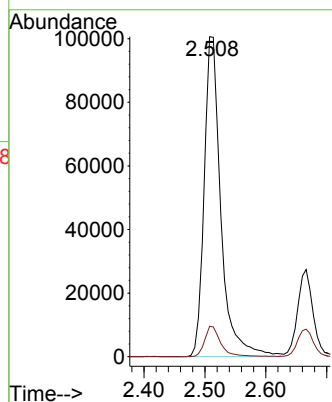
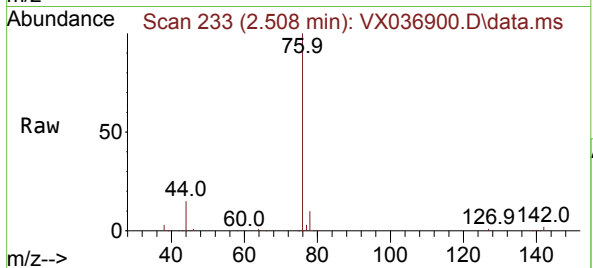
VSTDCCC050EC

Tgt Ion: 76 Resp: 192394

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



#18

Methyl Acetate

Concen: 51.669 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036900.D

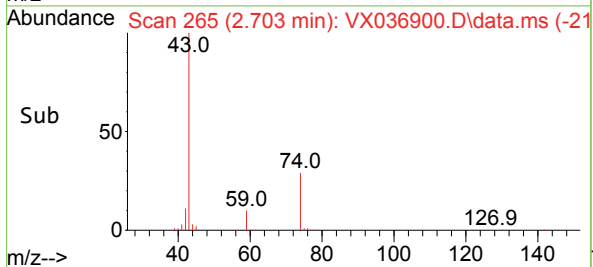
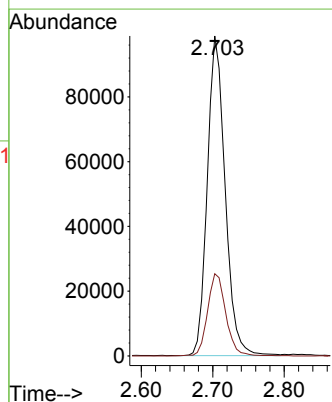
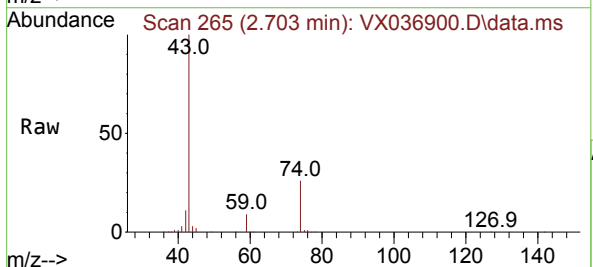
Acq: 09 Aug 2023 20:20

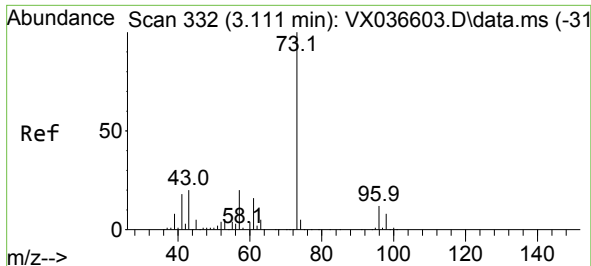
Tgt Ion: 43 Resp: 171170

Ion Ratio Lower Upper

43 100

74 26.4 17.8 26.8

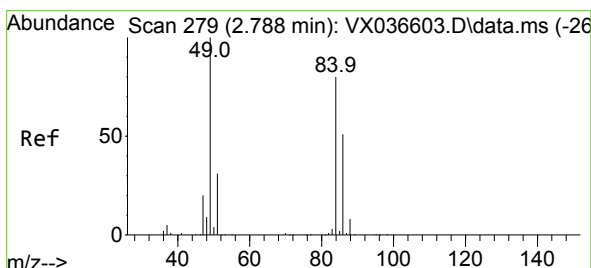
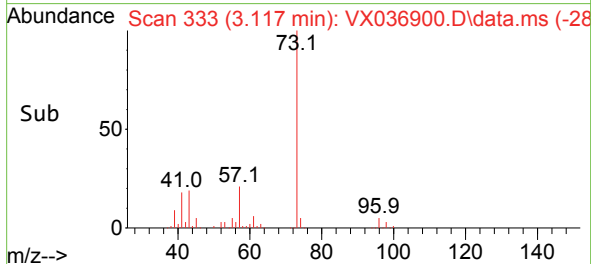
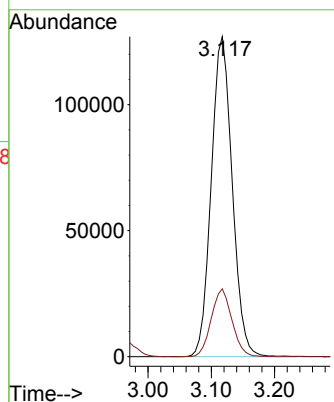
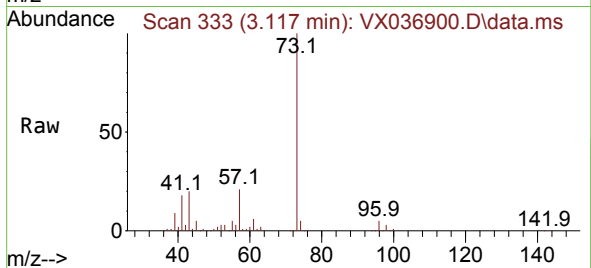




#19
Methyl tert-butyl Ether
Concen: 54.052 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

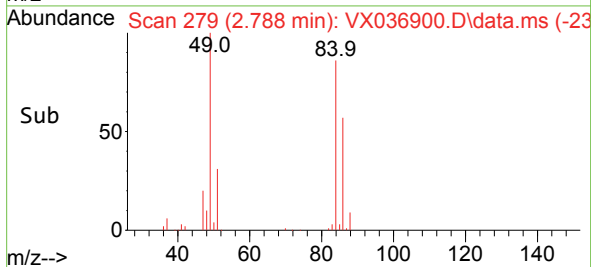
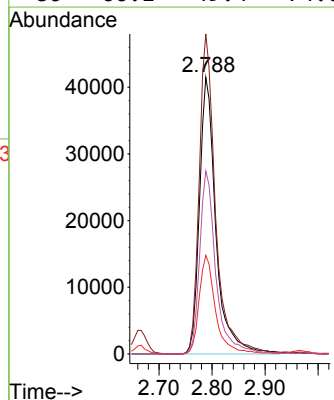
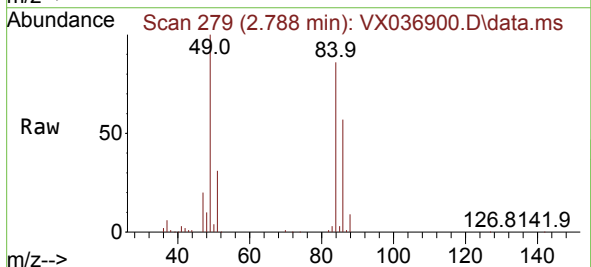
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

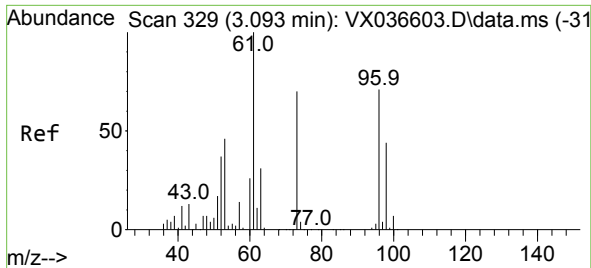
Tgt Ion: 73 Resp: 291706
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 51.021 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 84 Resp: 89355
Ion Ratio Lower Upper
84 100
49 115.7 103.6 155.4
51 35.6 33.8 50.6
86 66.1 49.4 74.0

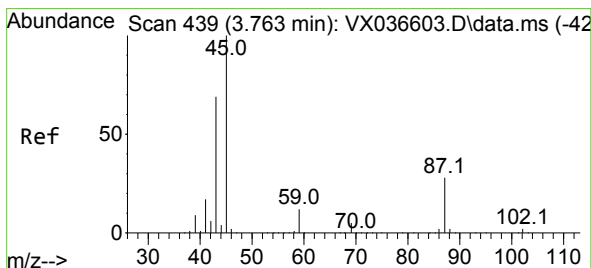
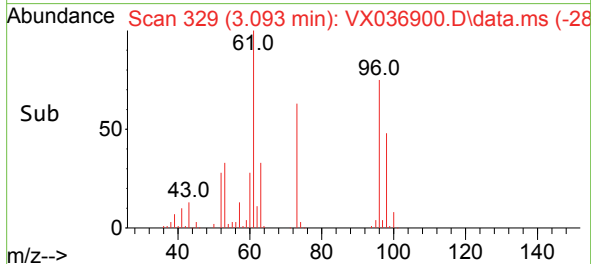
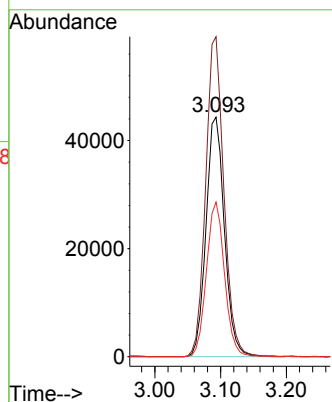
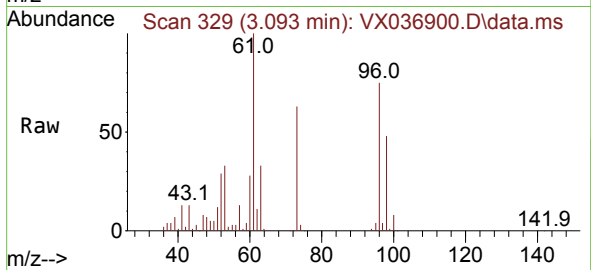




#21
trans-1,2-Dichloroethene
Concen: 53.832 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

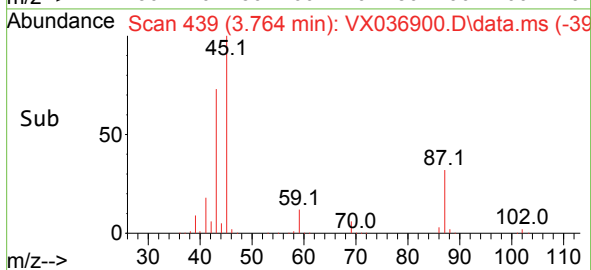
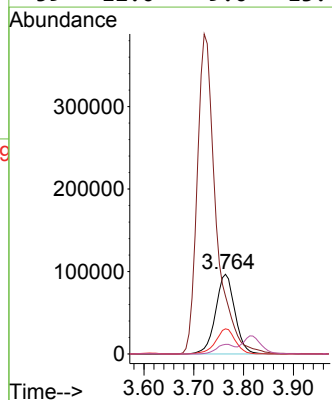
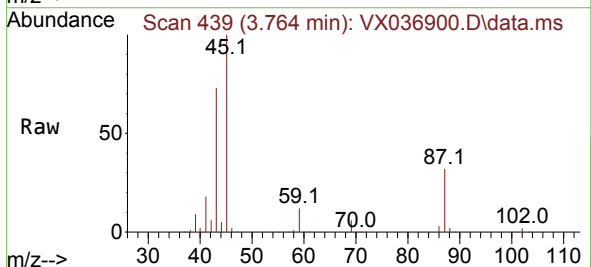
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

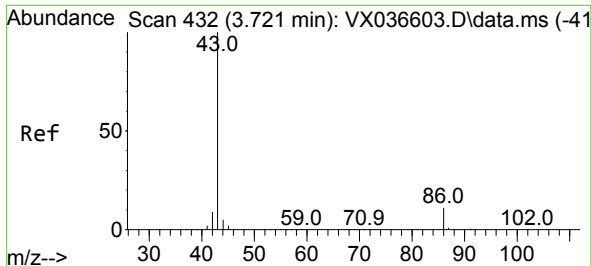
Tgt Ion: 96 Resp: 86405
Ion Ratio Lower Upper
96 100
61 133.6 119.2 178.8
98 64.5 48.7 73.1



#22
Diisopropyl ether
Concen: 48.296 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 45 Resp: 259323
Ion Ratio Lower Upper
45 100
43 72.4 69.7 104.5
87 31.6 20.8 31.2#
59 12.0 9.0 13.4

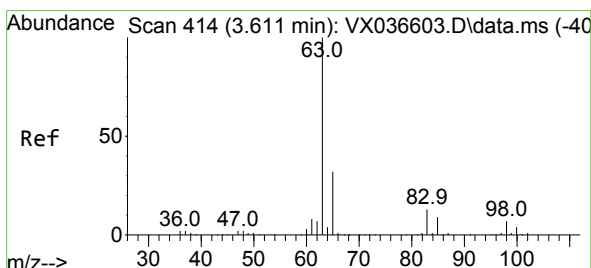
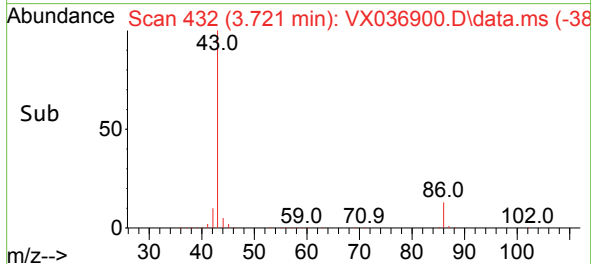
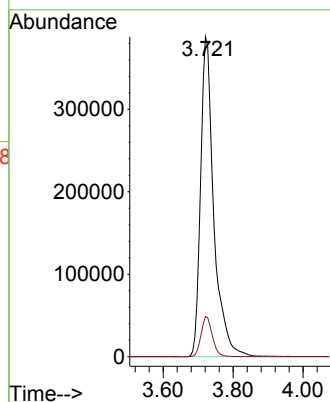
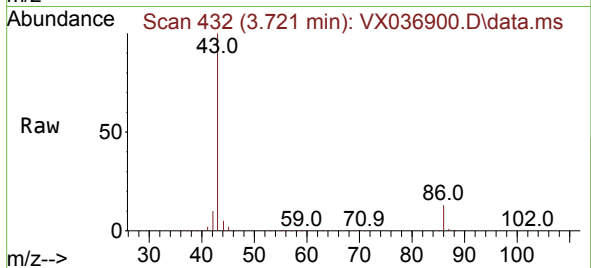




#23
 Vinyl Acetate
 Concen: 246.928 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

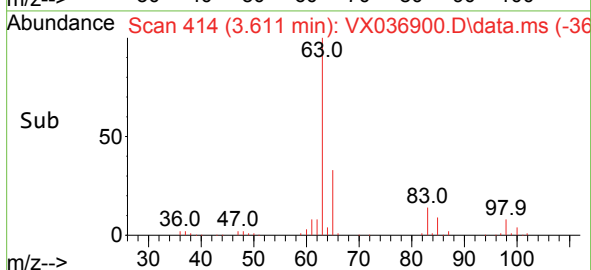
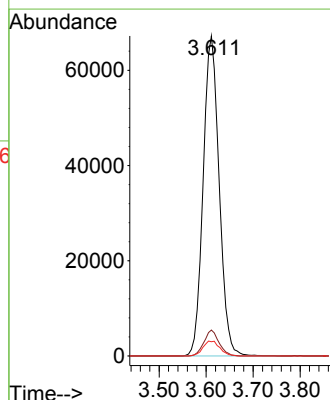
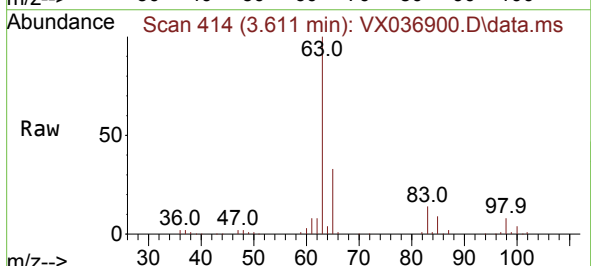
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

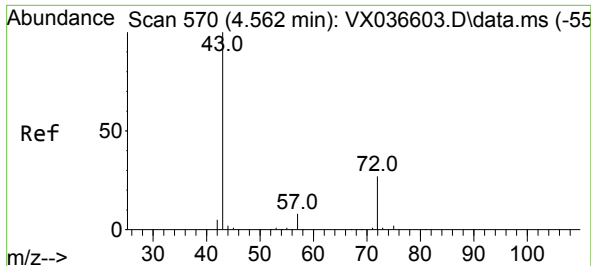
Tgt Ion: 43 Resp: 1017045
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 52.752 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion: 63 Resp: 158808
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 4.5 2.1 6.5

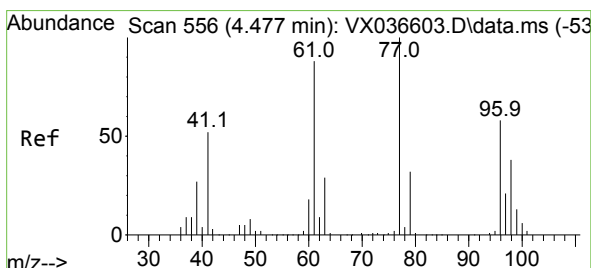
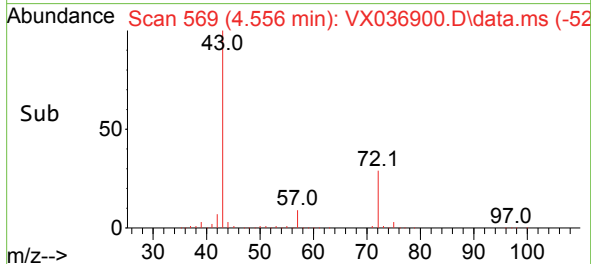
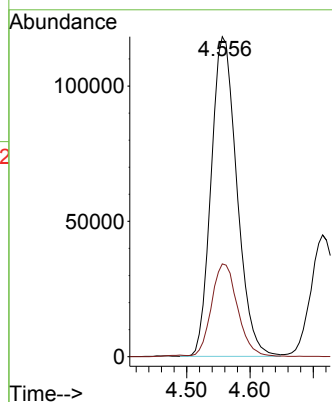
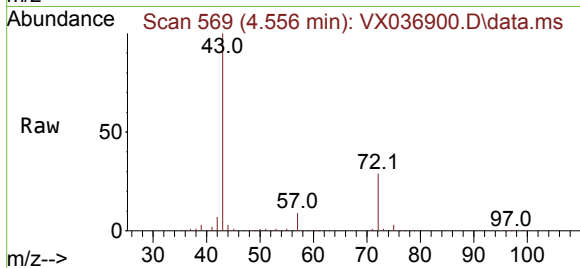




#25
2-Butanone
Concen: 260.785 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

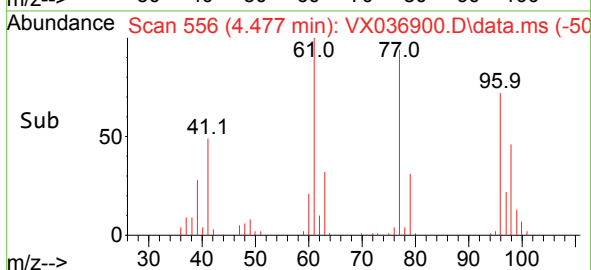
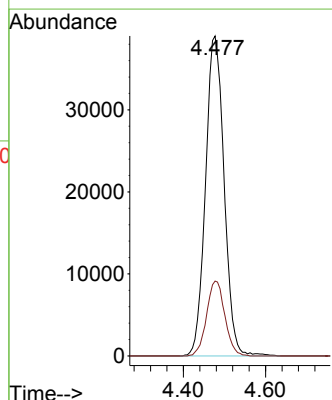
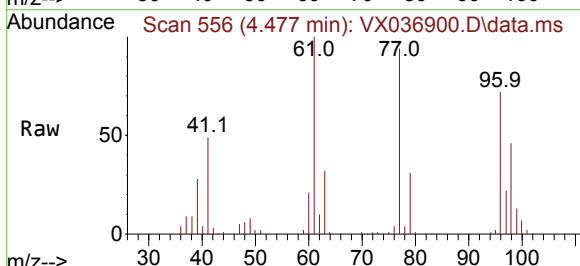
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ClientSampleId :
VSTDCCC050EC

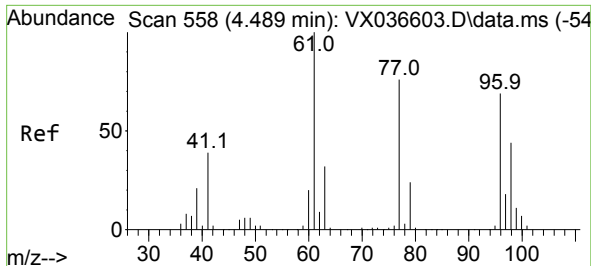
Tgt Ion: 43 Resp: 333191
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 43.156 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 77 Resp: 122420
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3

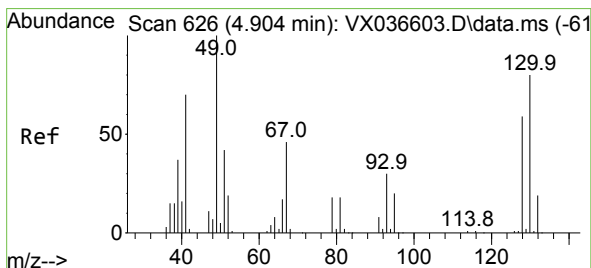
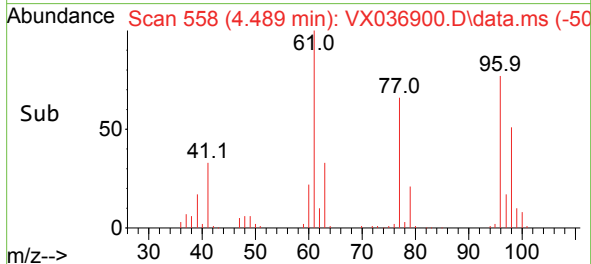
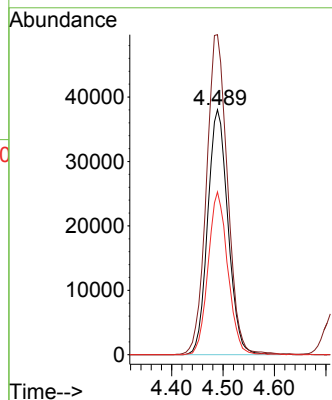
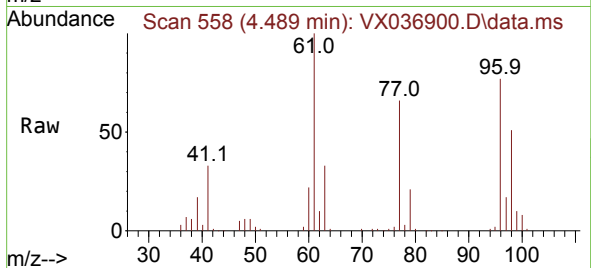




#27
 cis-1,2-Dichloroethene
 Concen: 54.600 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

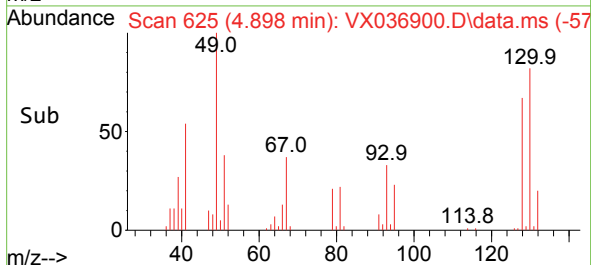
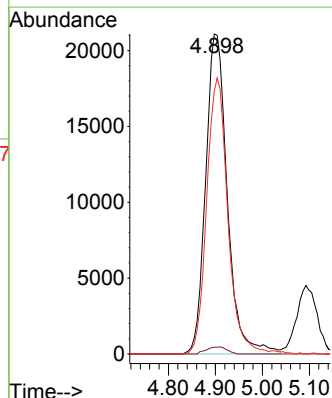
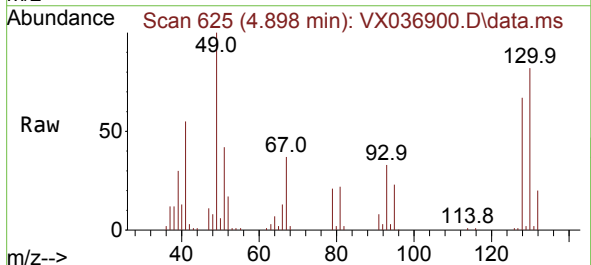
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

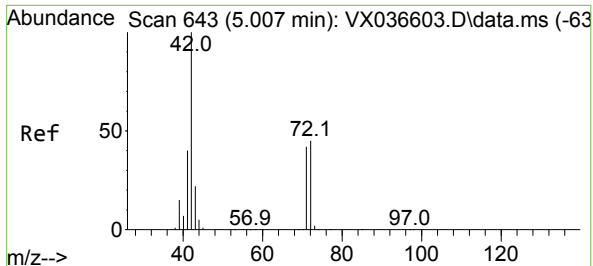
Tgt Ion: 96 Resp: 104090
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 312.2
 98 64.3 0.0 129.0



#28
 Bromochloromethane
 Concen: 46.328 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion: 49 Resp: 67452
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 83.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 258.669 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

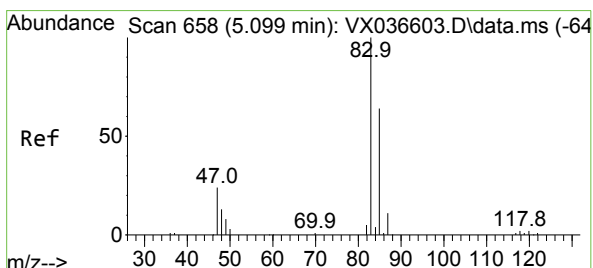
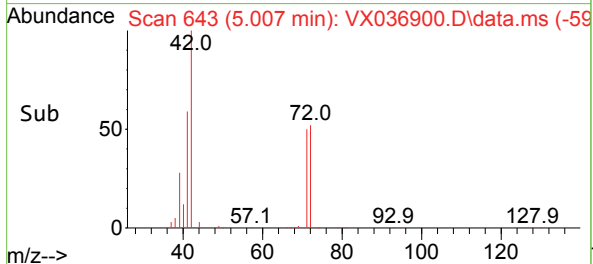
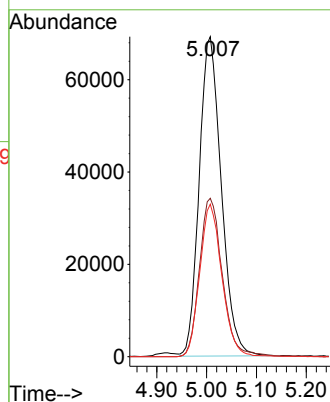
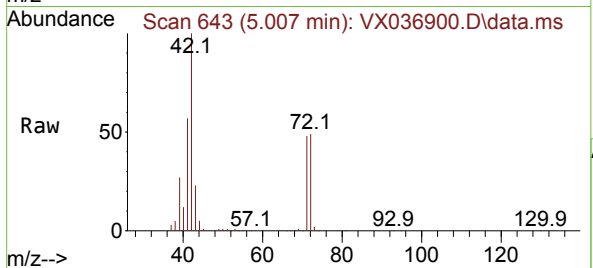
Tgt Ion: 42 Resp: 213071

Ion Ratio Lower Upper

42 100

72 51.4 34.2 51.4#

71 47.9 32.2 48.2



#30

Chloroform

Concen: 56.098 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036900.D

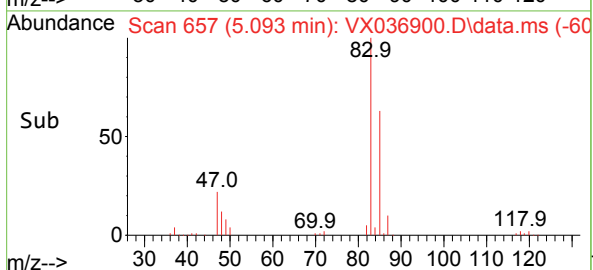
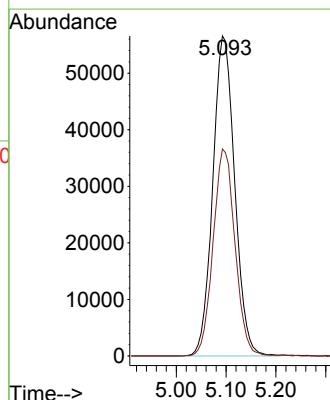
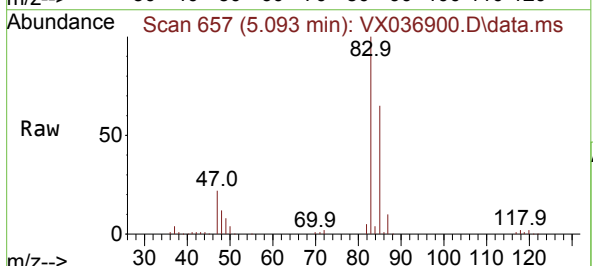
Acq: 09 Aug 2023 20:20

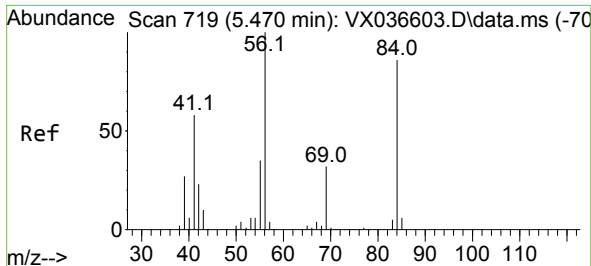
Tgt Ion: 83 Resp: 172779

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

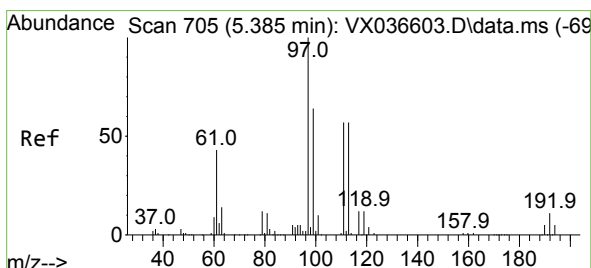
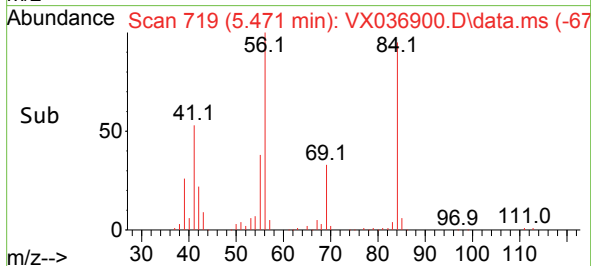
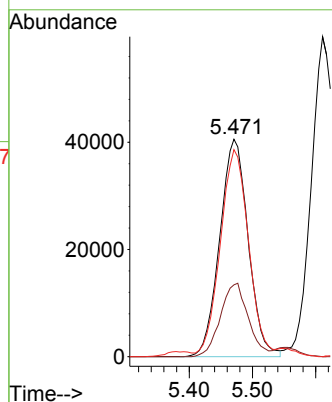
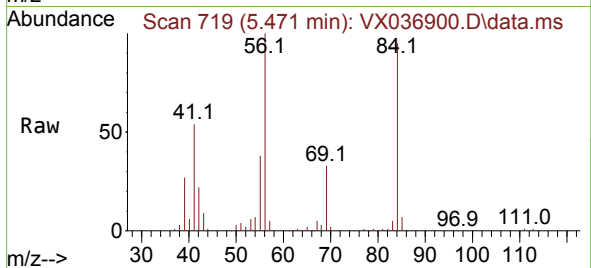




#31
Cyclohexane
Concen: 48.216 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

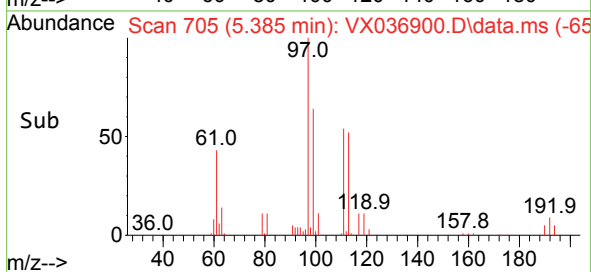
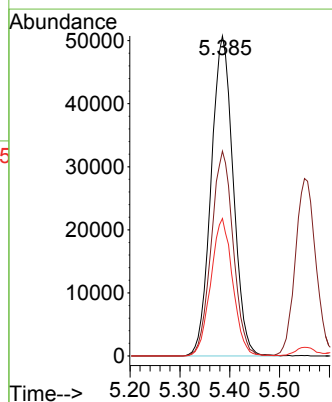
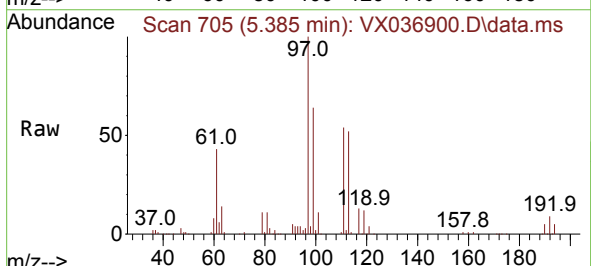
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

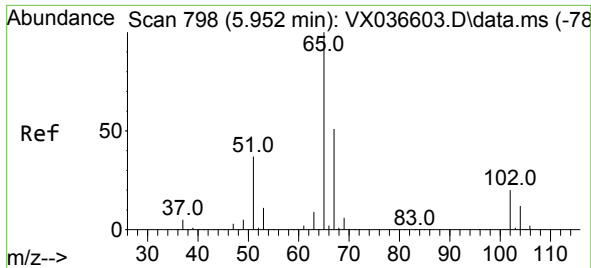
Tgt Ion: 56 Resp: 126691
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.2
84 93.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 55.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 97 Resp: 156096
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 42.7 36.4 54.6

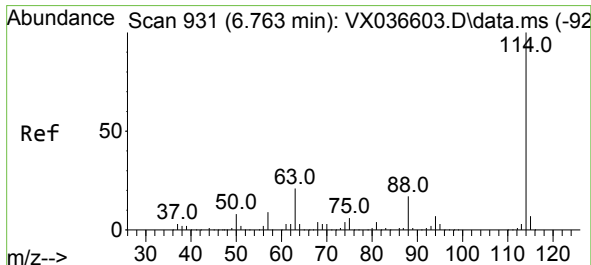
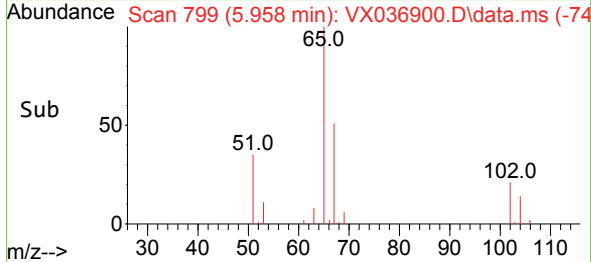
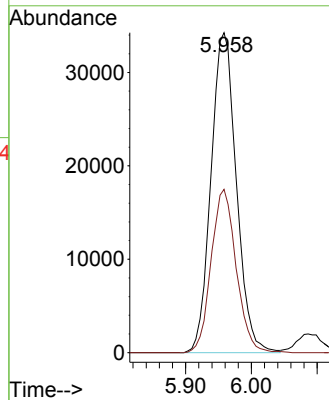
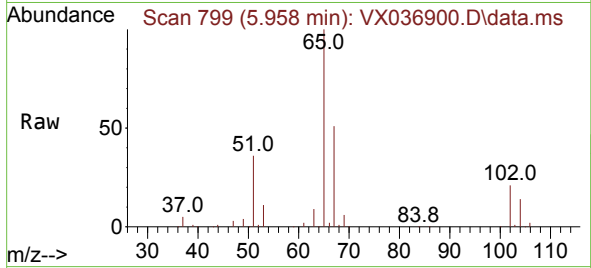




#33
 1,2-Dichloroethane-d4
 Concen: 48.469 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

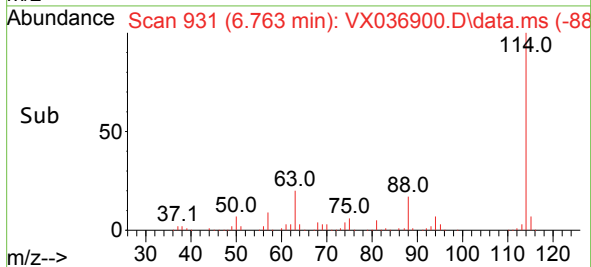
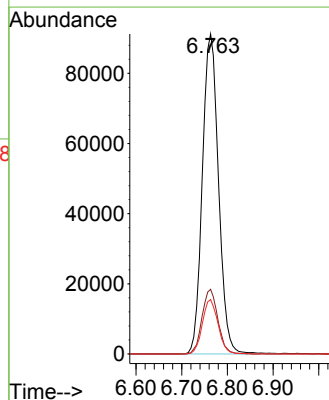
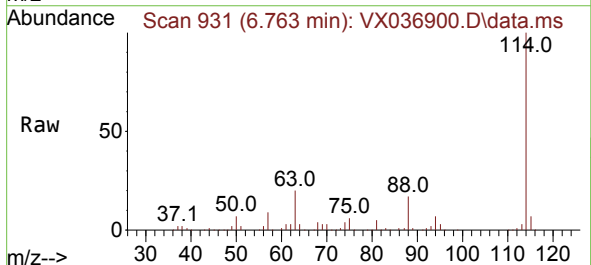
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

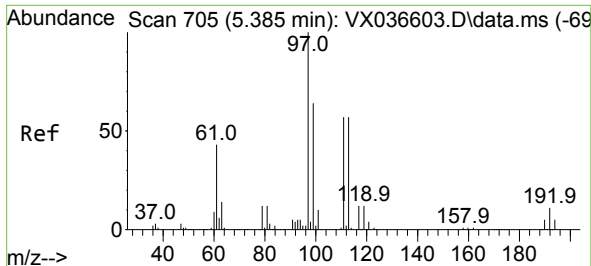
Tgt Ion: 65 Resp: 91980
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion: 114 Resp: 223691
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 17.0 0.0 36.6

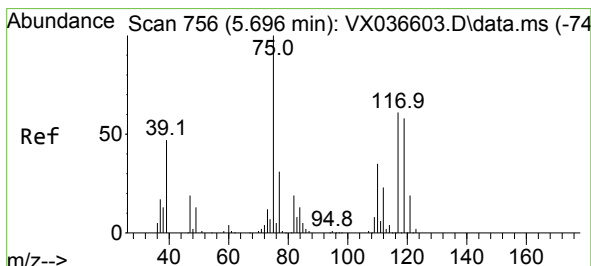
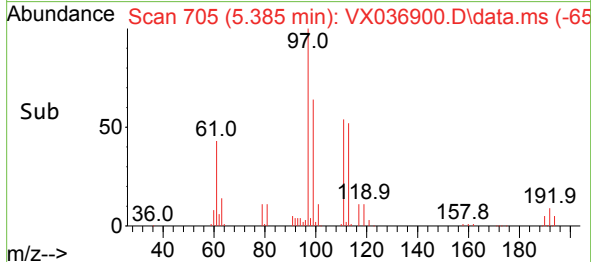
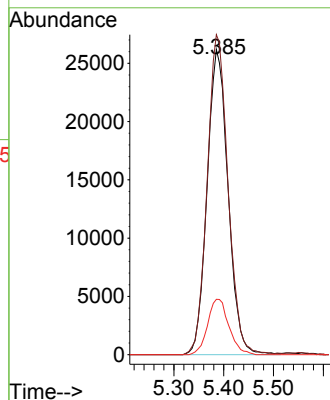
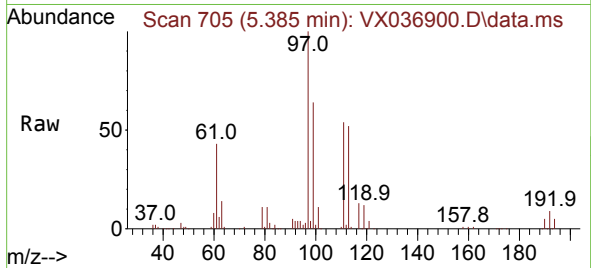




#35
Dibromofluoromethane
Concen: 49.799 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

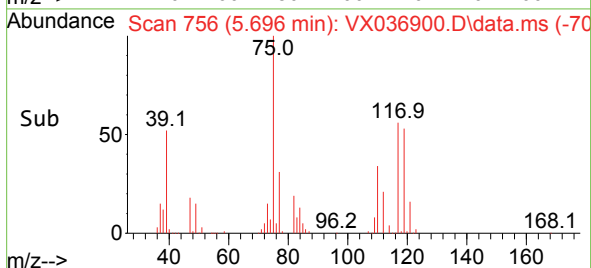
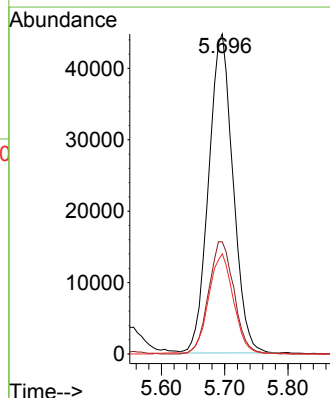
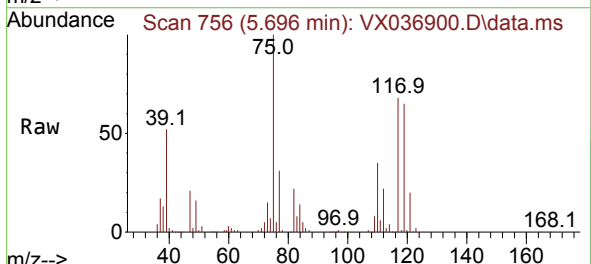
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

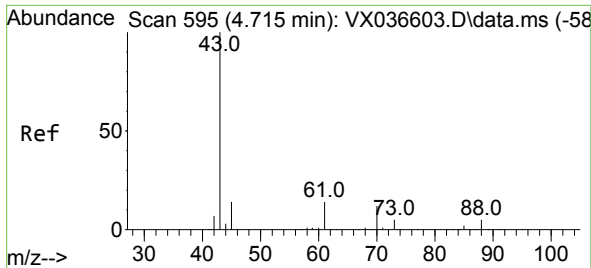
Tgt Ion:113 Resp: 76567
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 52.312 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 75 Resp: 119882
Ion Ratio Lower Upper
75 100
110 36.7 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 50.405 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

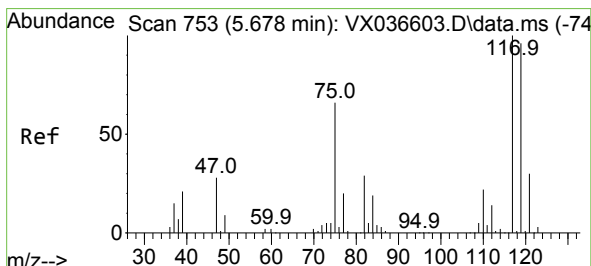
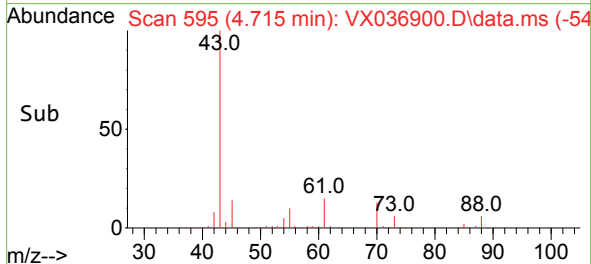
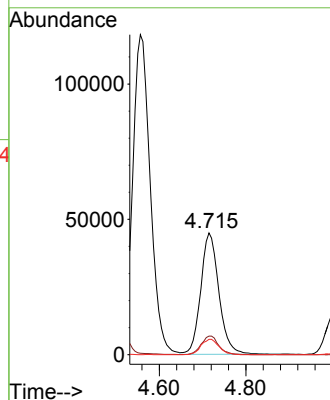
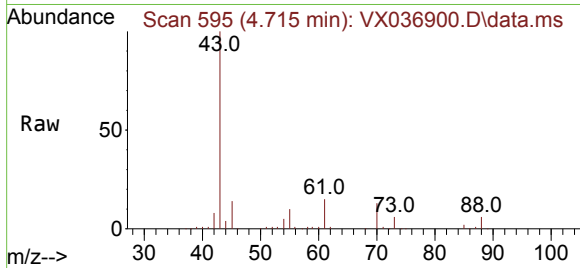
Tgt Ion: 43 Resp: 130741

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 12.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 55.663 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

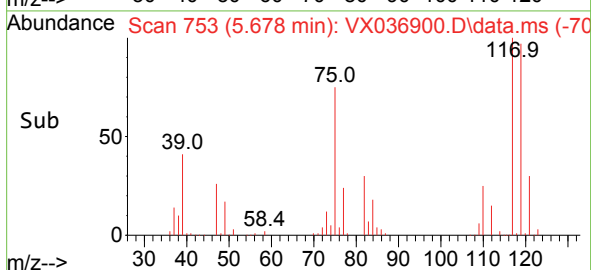
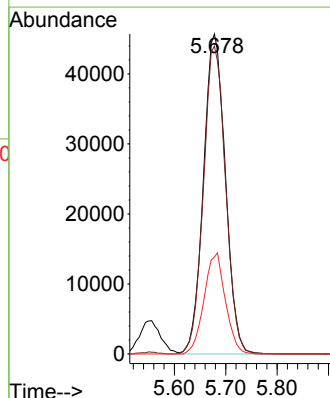
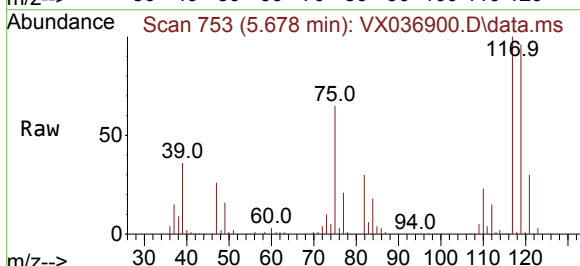
Tgt Ion: 117 Resp: 135617

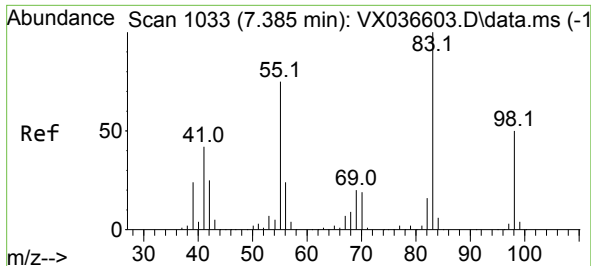
Ion Ratio Lower Upper

117 100

119 96.2 78.2 117.2

121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 45.493 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

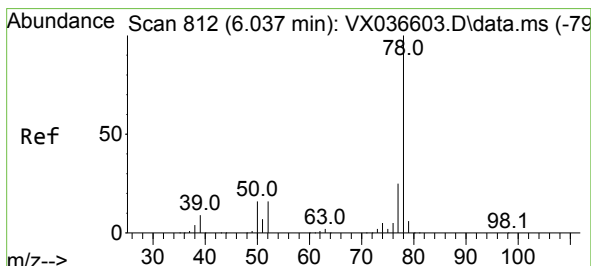
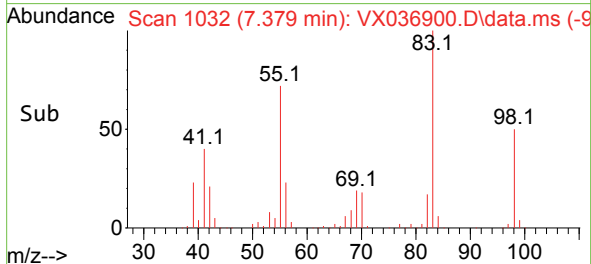
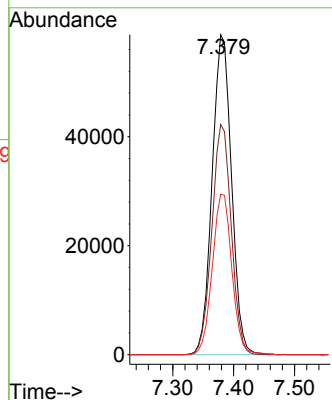
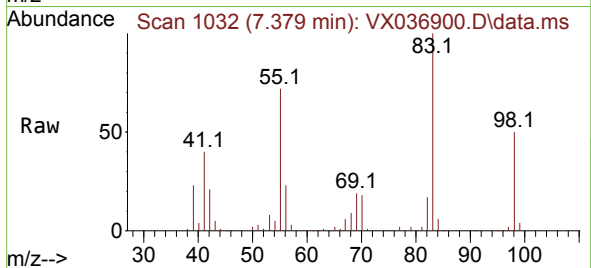
Tgt Ion: 83 Resp: 129636

Ion Ratio Lower Upper

83 100

55 71.9 64.6 97.0

98 50.1 36.7 55.1



#40

Benzene

Concen: 53.446 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036900.D

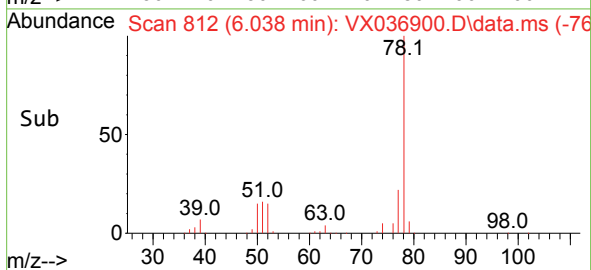
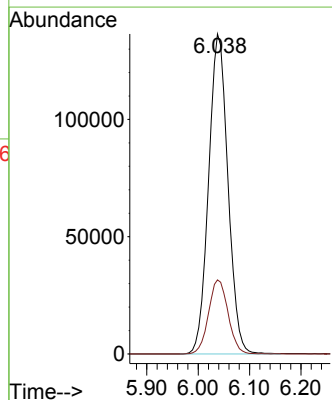
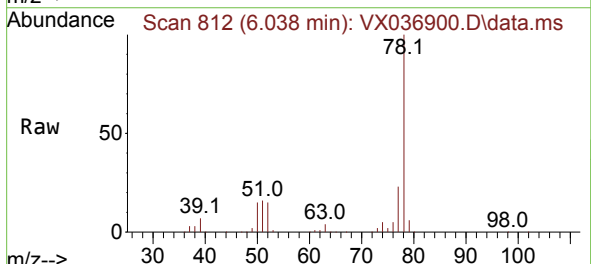
Acq: 09 Aug 2023 20:20

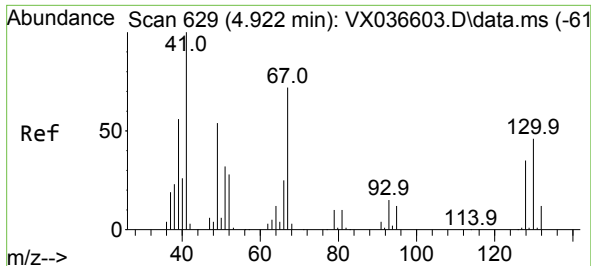
Tgt Ion: 78 Resp: 356352

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9



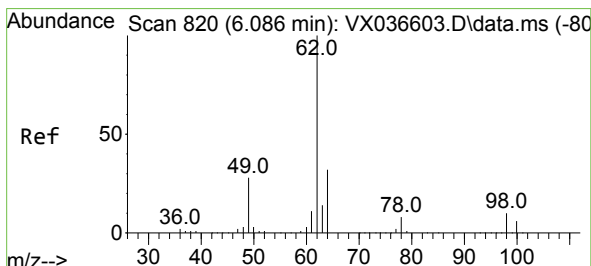
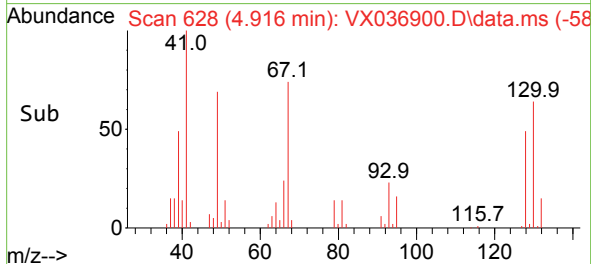
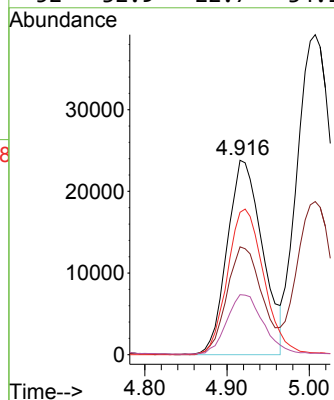
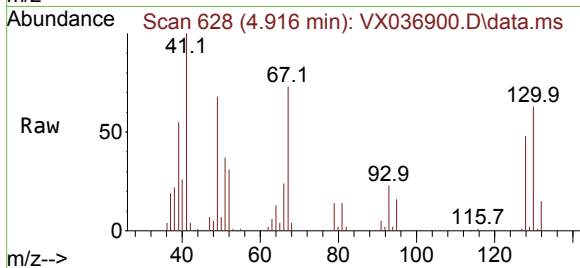


#41
Methacrylonitrile
Concen: 51.262 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 71115

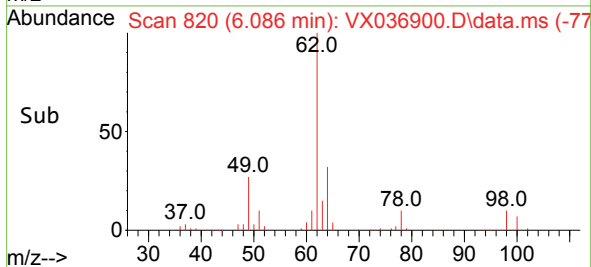
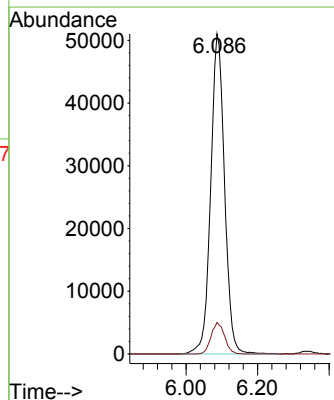
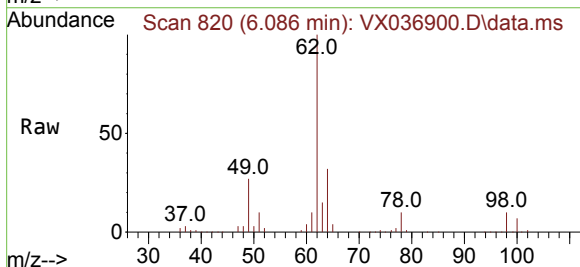
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.2	67.8
67	77.5	52.6	78.8
52	32.9	22.7	34.1

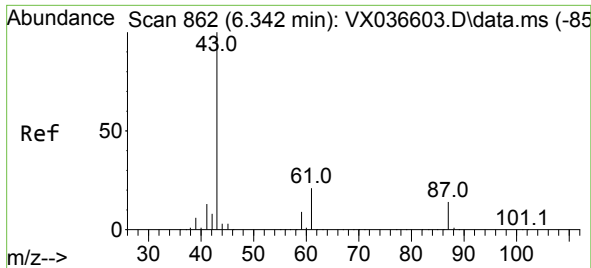


#42
1,2-Dichloroethane
Concen: 56.276 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 62 Resp: 137186

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 47.713 ug/l

RT: 6.342 min Scan# 8

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

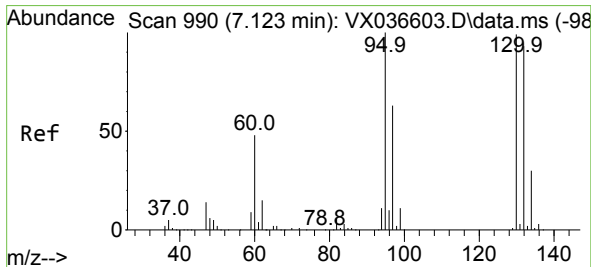
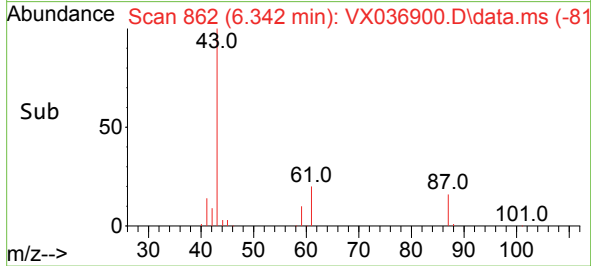
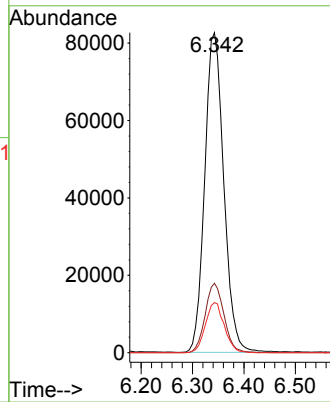
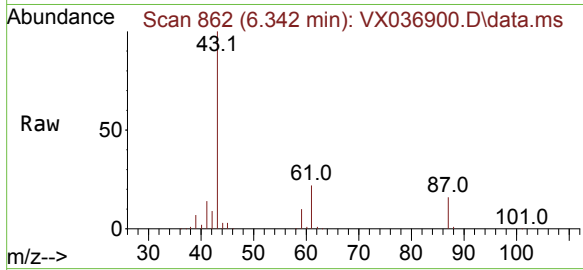
Tgt Ion: 43 Resp: 213034

Ion Ratio Lower Upper

43 100

61 21.4 15.2 22.8

87 15.5 9.8 14.6#



#44

Trichloroethene

Concen: 55.607 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036900.D

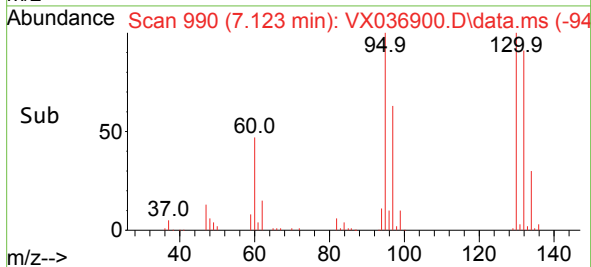
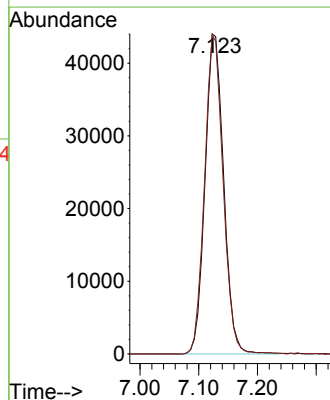
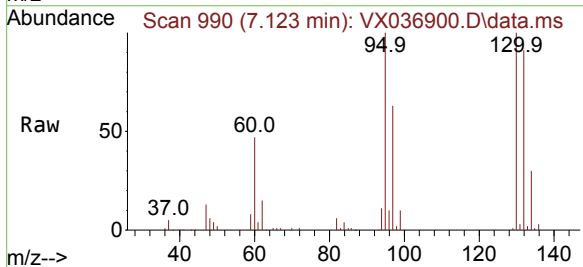
Acq: 09 Aug 2023 20:20

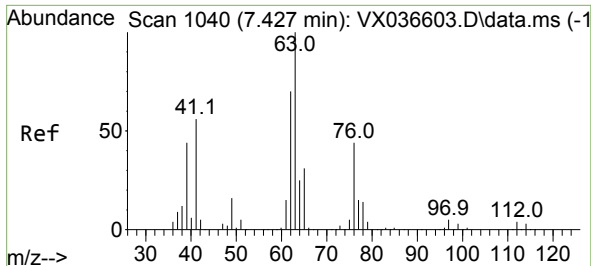
Tgt Ion:130 Resp: 96912

Ion Ratio Lower Upper

130 100

95 99.9 0.0 204.4

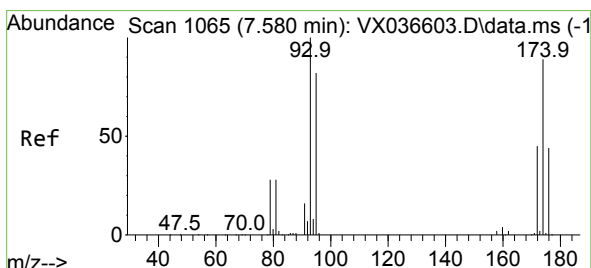
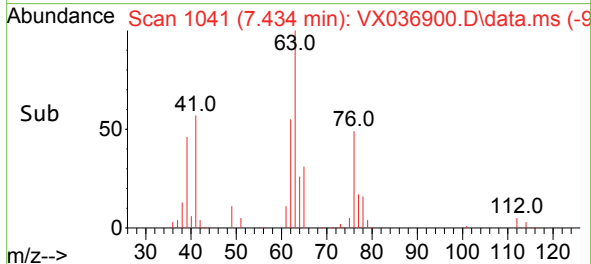
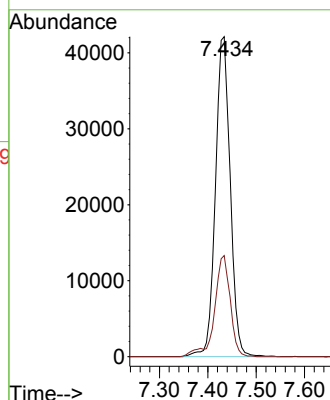
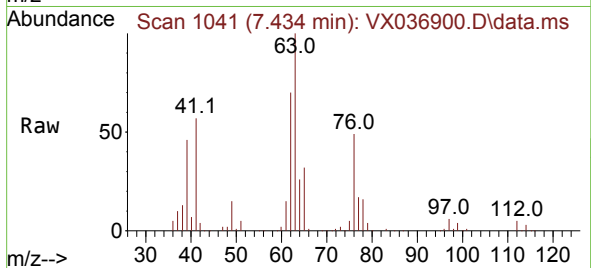




#45
1,2-Dichloropropane
Concen: 50.226 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

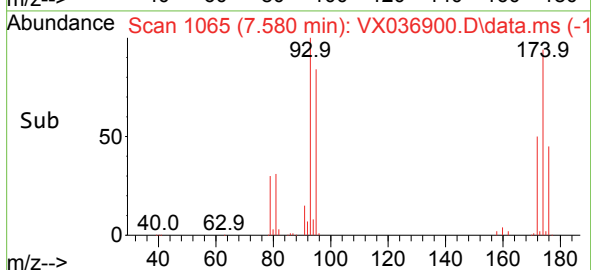
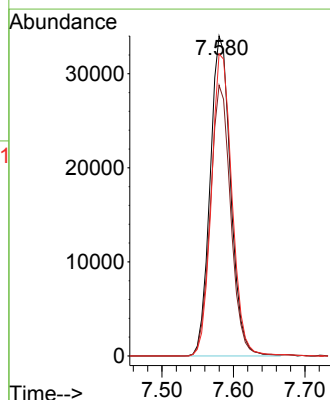
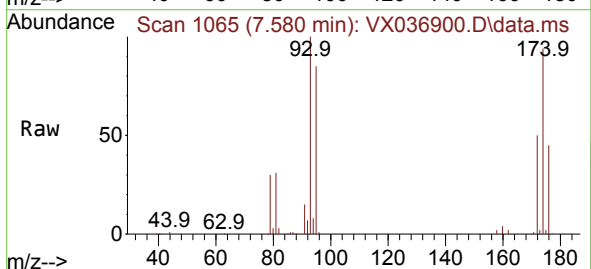
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

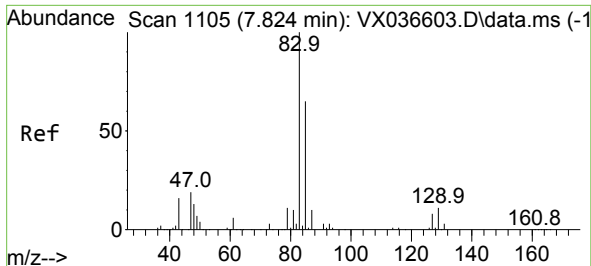
Tgt Ion: 63 Resp: 89410
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5



#46
Dibromomethane
Concen: 54.591 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 93 Resp: 68014
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 94.6 69.4 104.0

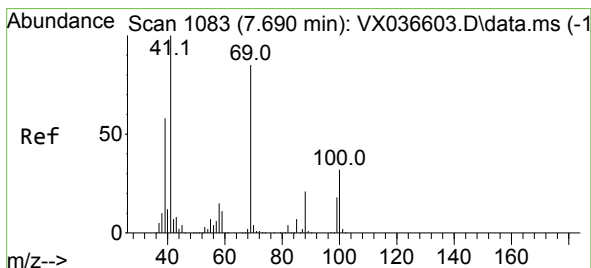
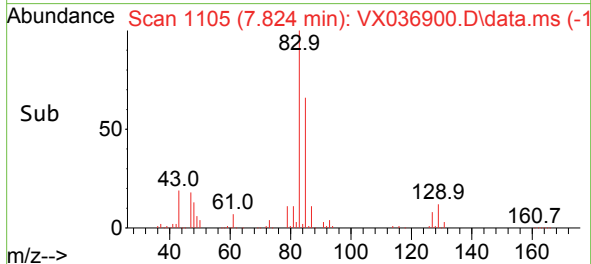
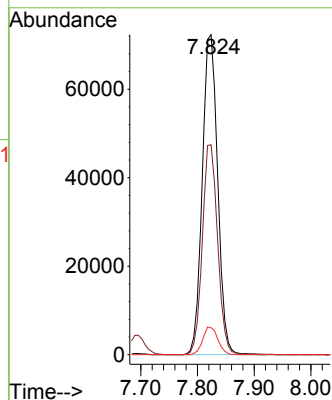
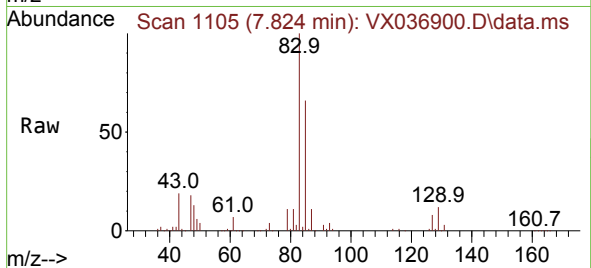




#47
Bromodichloromethane
Concen: 53.353 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

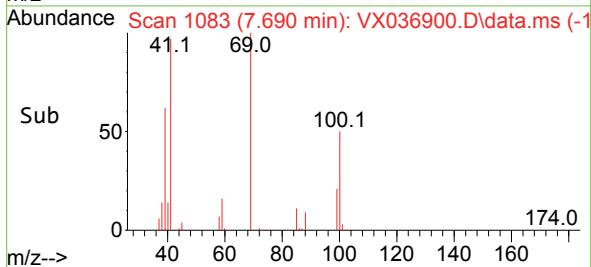
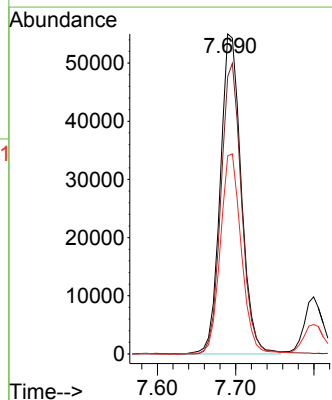
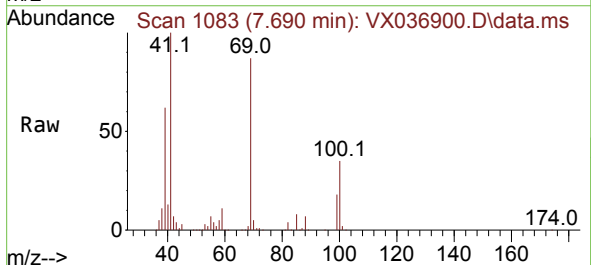
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

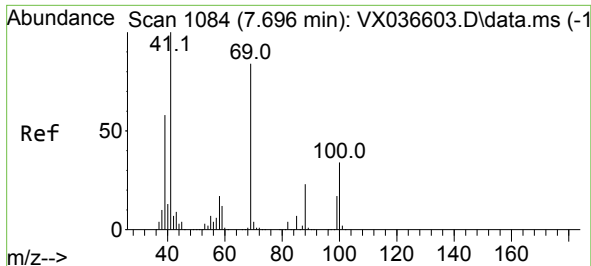
Tgt Ion: 83 Resp: 136442
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 49.296 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 41 Resp: 102361
Ion Ratio Lower Upper
41 100
69 89.6 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1223.740 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

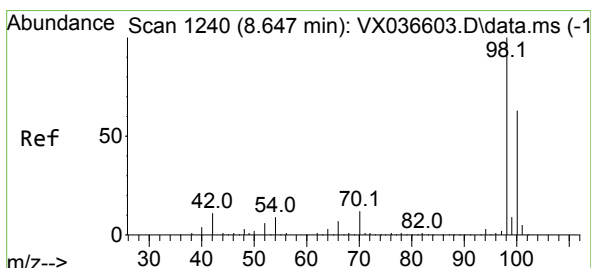
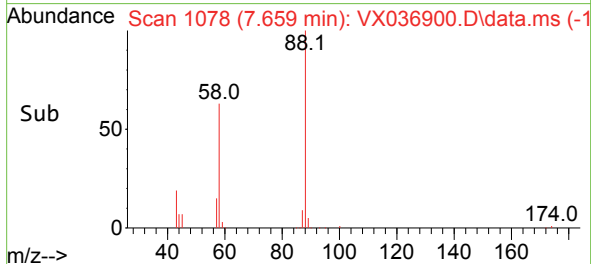
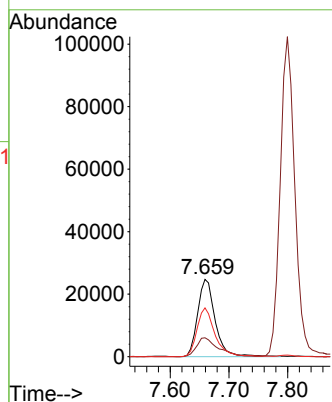
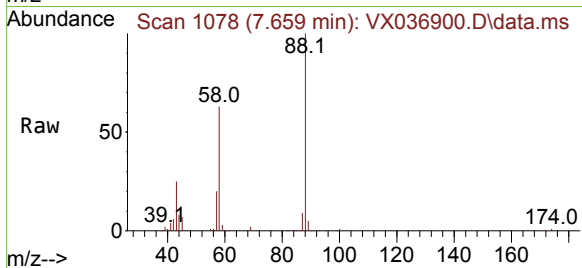
Tgt Ion: 88 Resp: 51333

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 64.9 60.1 90.1



#50

Toluene-d8

Concen: 46.949 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036900.D

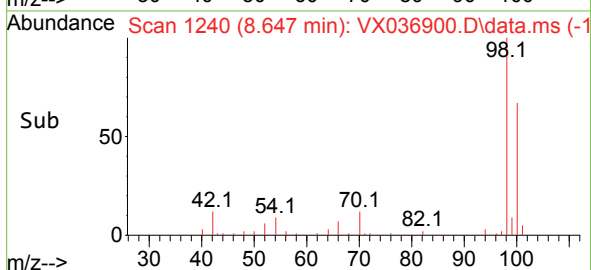
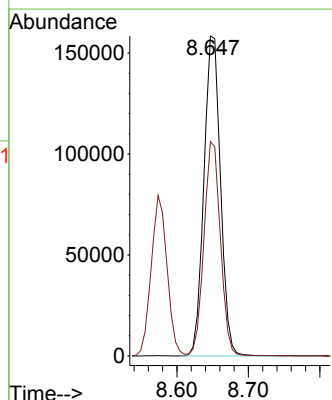
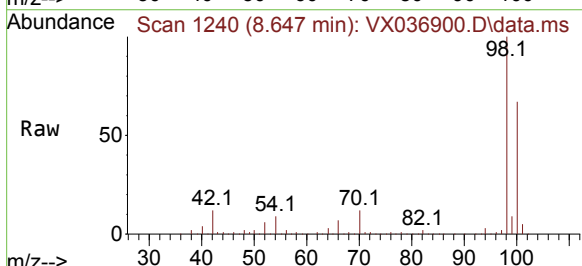
Acq: 09 Aug 2023 20:20

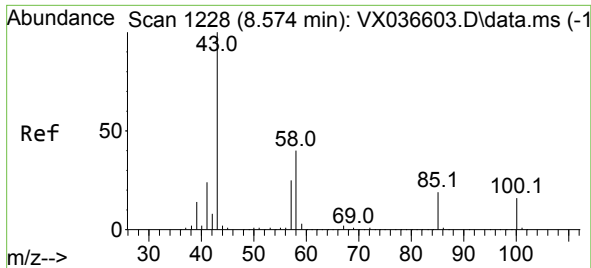
Tgt Ion: 98 Resp: 255984

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

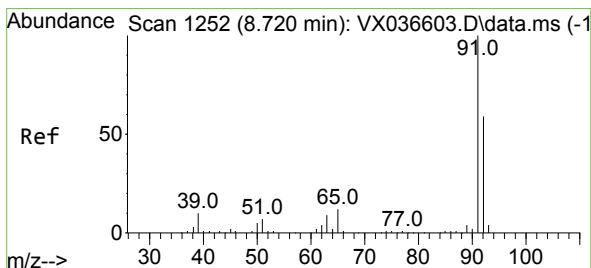
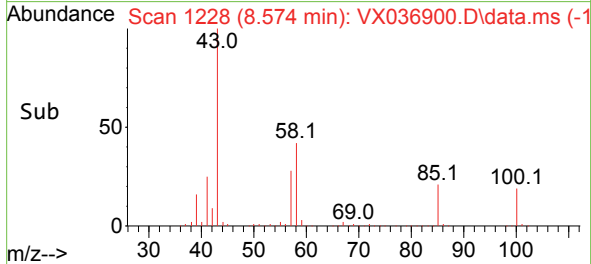
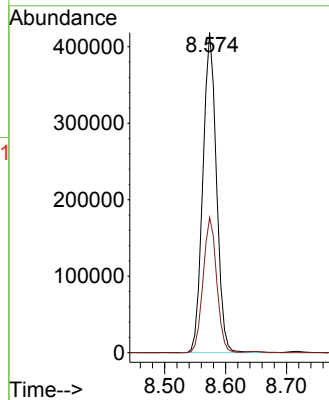
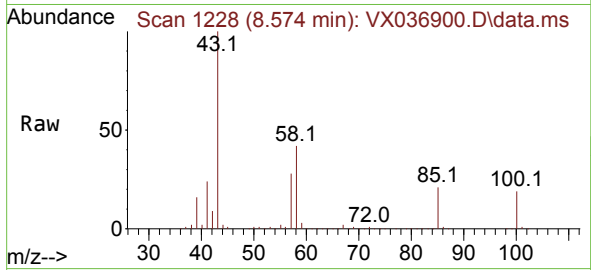




#51
4-Methyl-2-Pentanone
Concen: 263.518 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

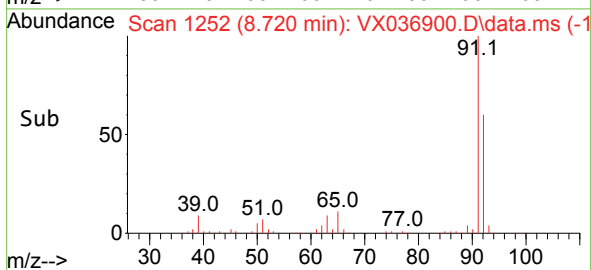
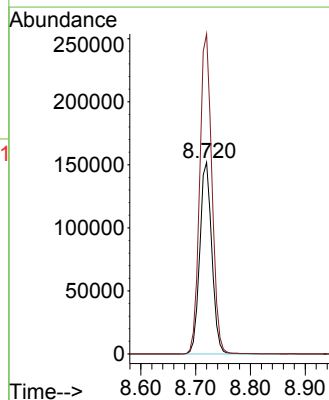
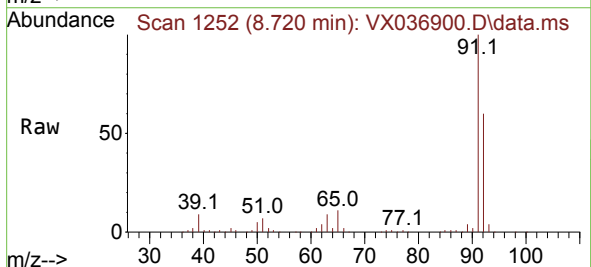
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

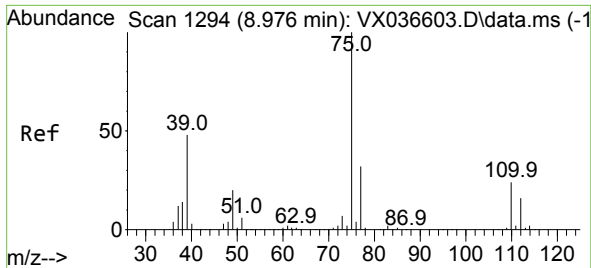
Tgt Ion: 43 Resp: 651116
Ion Ratio Lower Upper
43 100
58 42.1 30.4 45.6



#52
Toluene
Concen: 55.700 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 92 Resp: 232701
Ion Ratio Lower Upper
92 100
91 169.6 134.2 201.2

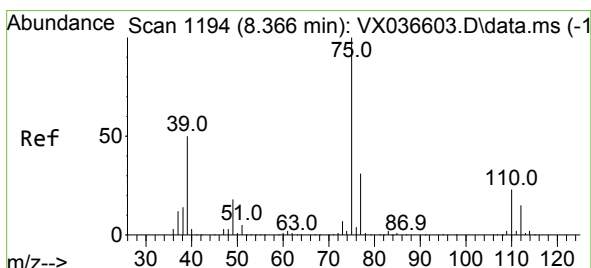
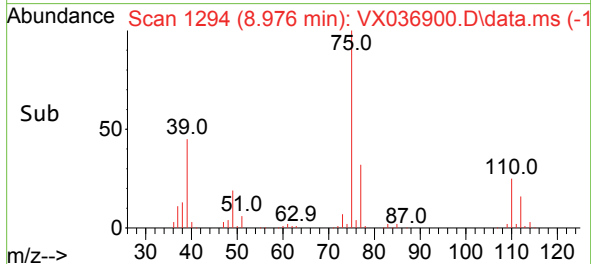
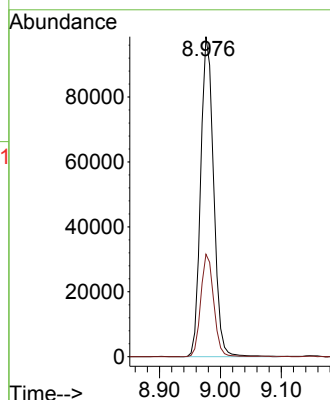
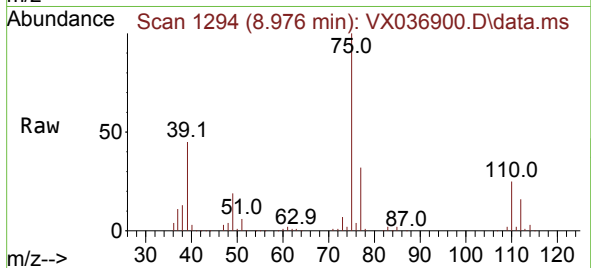




#53
 t-1,3-Dichloropropene
 Concen: 50.437 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

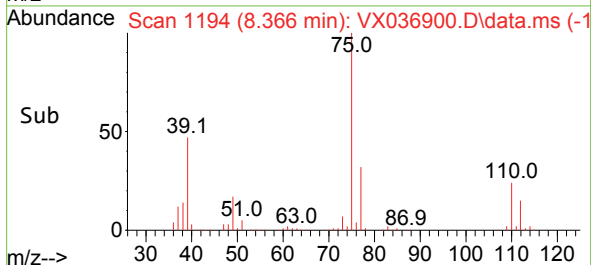
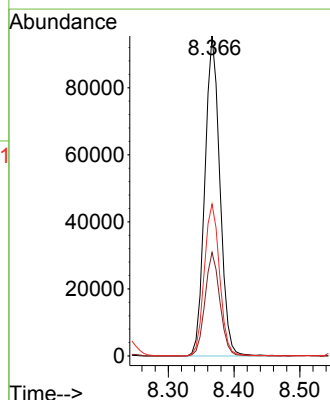
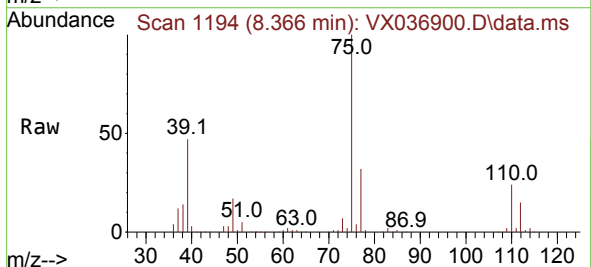
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

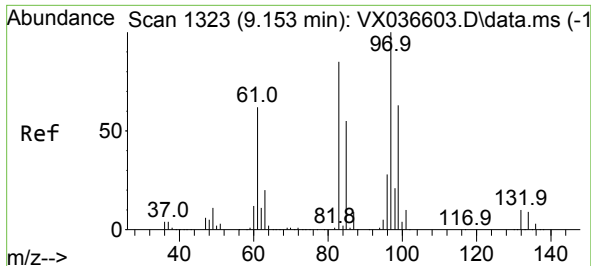
Tgt Ion: 75 Resp: 145784
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.879 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion: 75 Resp: 152134
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9
 39 47.4 46.7 70.1

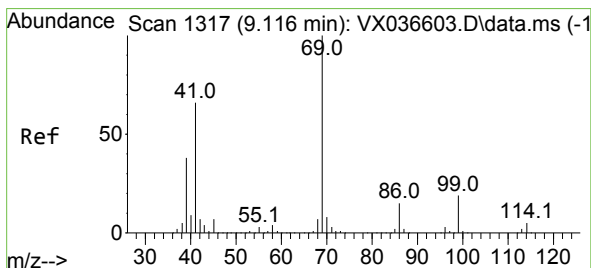
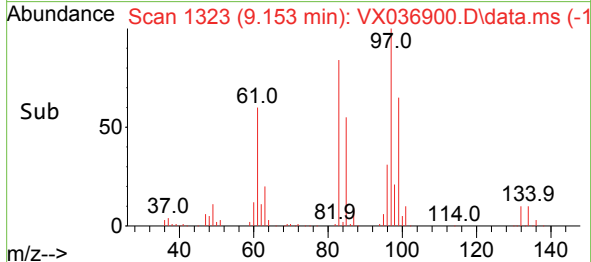
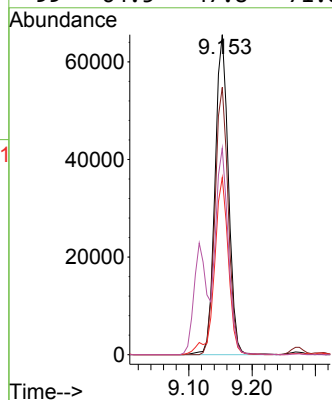
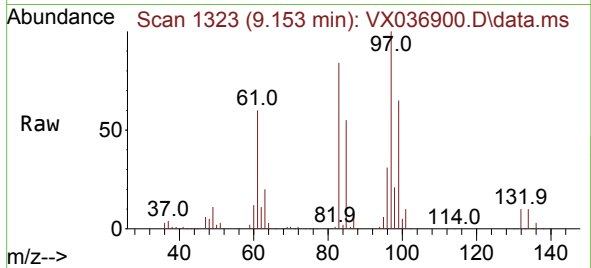




#55
 1,1,2-Trichloroethane
 Concen: 54.837 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

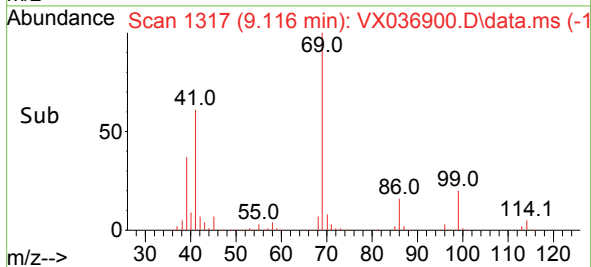
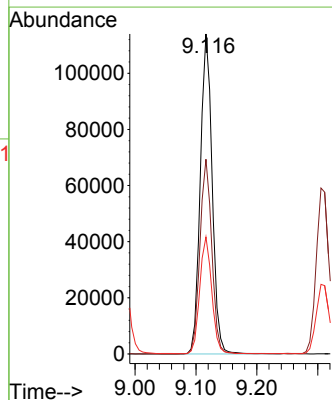
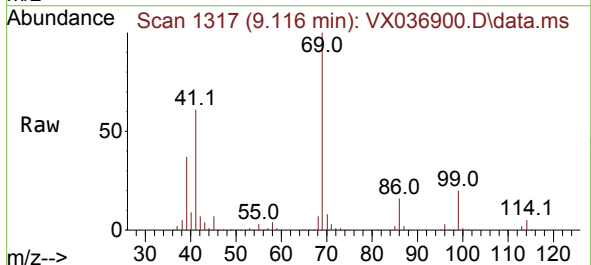
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

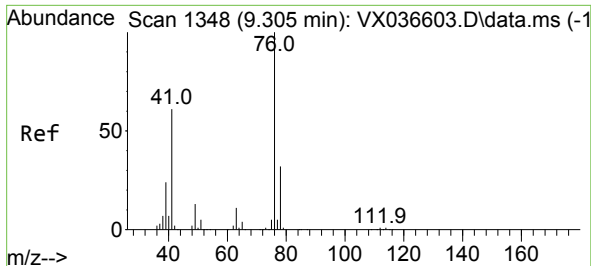
Tgt Ion: 97	Resp: 96302
Ion Ratio	Lower Upper
97 100	
83 83.6	65.8 98.8
85 55.3	41.6 62.4
99 64.5	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 53.943 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion: 69	Resp: 154258
Ion Ratio	Lower Upper
69 100	
41 61.0	56.8 85.2
39 36.8	32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.786 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

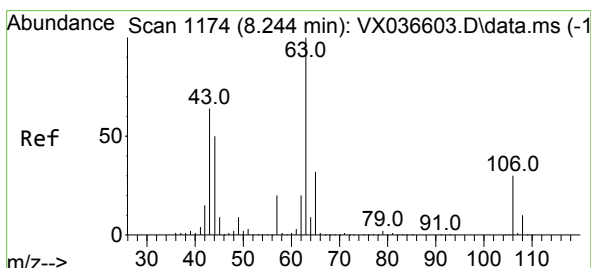
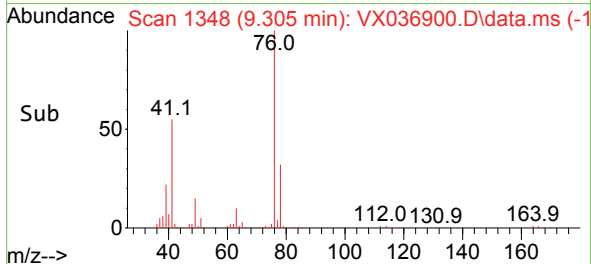
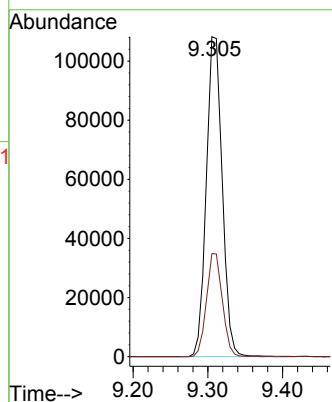
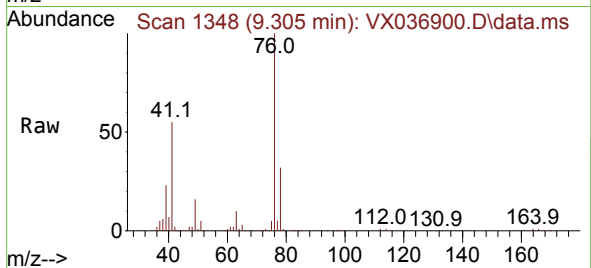
VSTDCCC050EC

Tgt Ion: 76 Resp: 160250

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 239.704 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036900.D

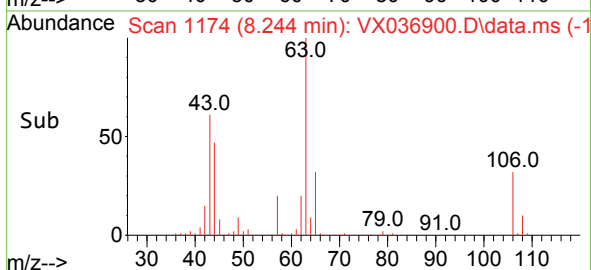
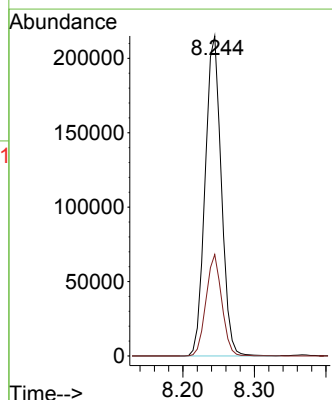
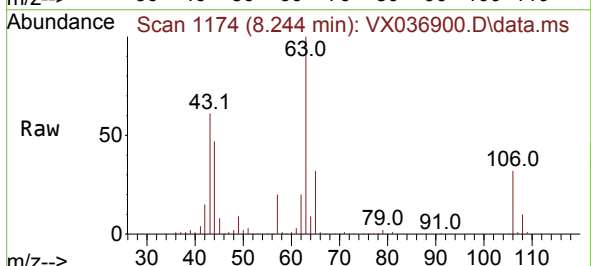
Acq: 09 Aug 2023 20:20

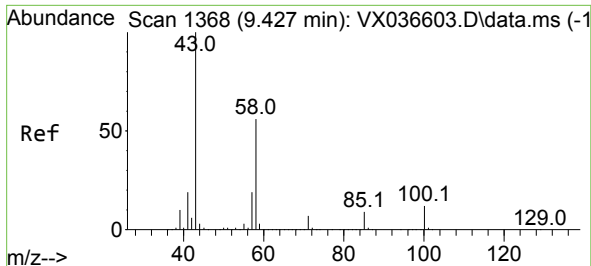
Tgt Ion: 63 Resp: 337753

Ion Ratio Lower Upper

63 100

106 30.9 22.5 33.7

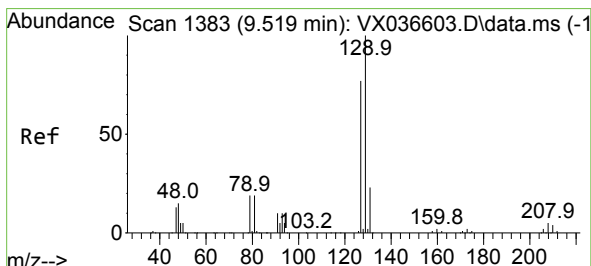
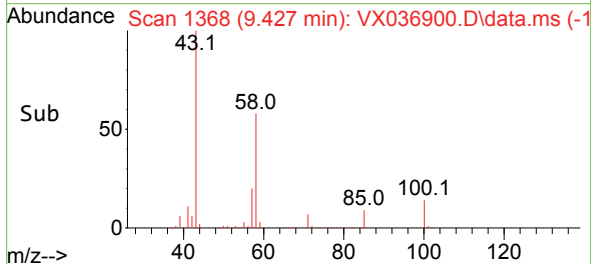
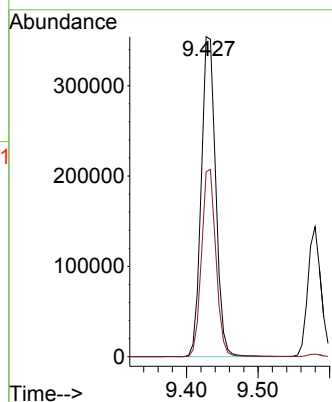
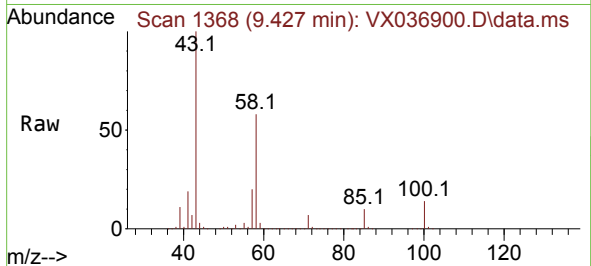




#59
2-Hexanone
Concen: 271.027 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

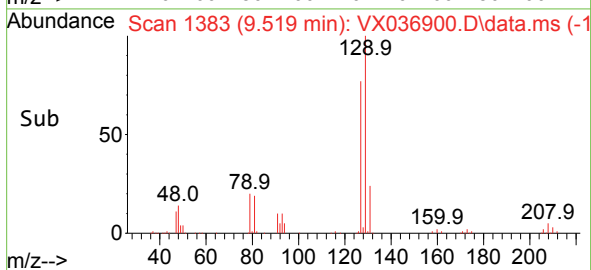
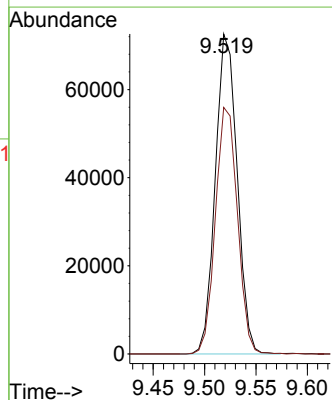
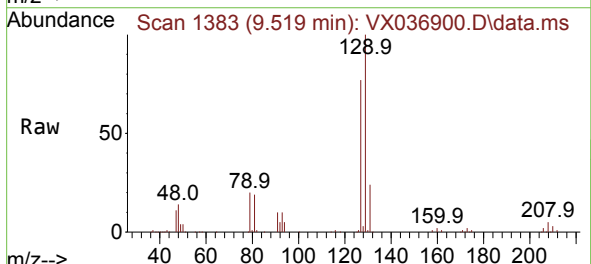
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

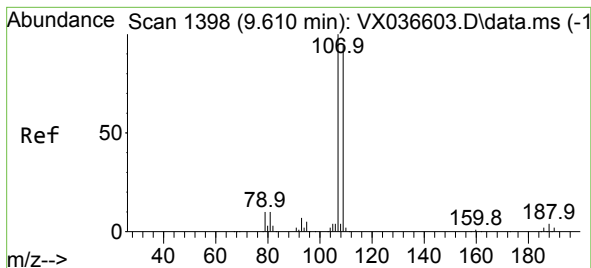
Tgt Ion: 43 Resp: 497006
Ion Ratio Lower Upper
43 100
58 58.3 26.2 78.5



#60
Dibromochloromethane
Concen: 55.536 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 129 Resp: 107196
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

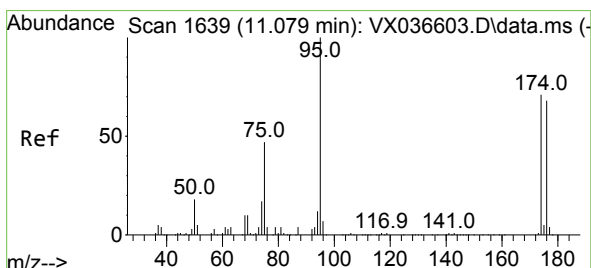
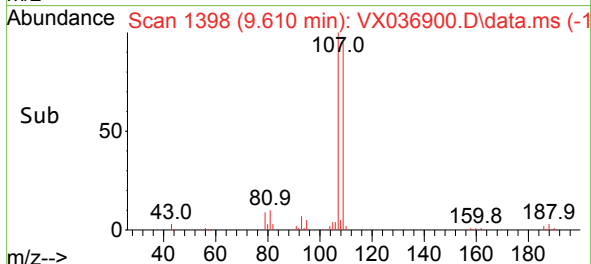
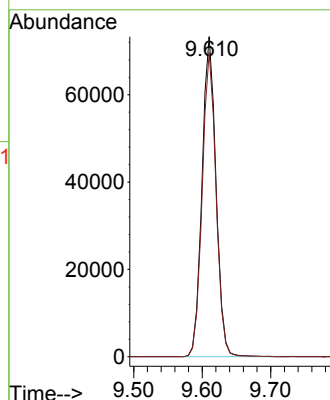
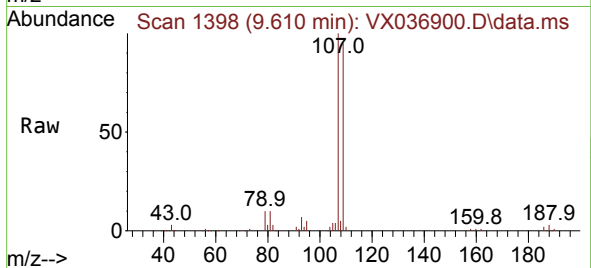




#61
1,2-Dibromoethane
Concen: 57.215 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

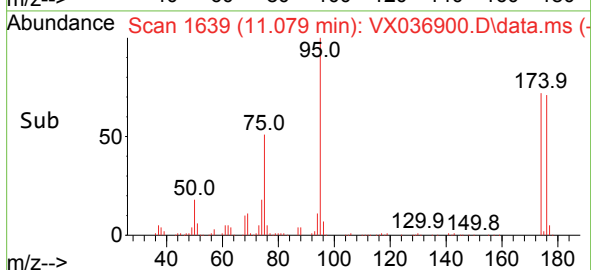
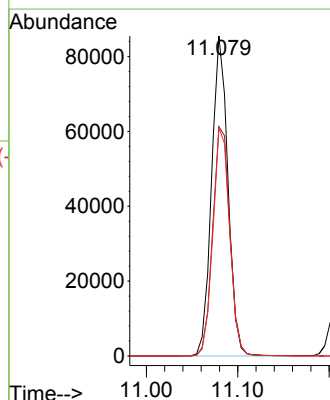
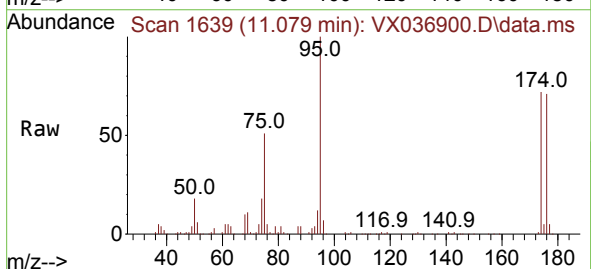
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

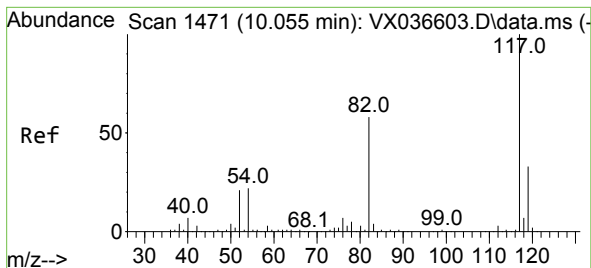
Tgt Ion:107 Resp: 104136
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 95 Resp: 105807
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 73.1 0.0 131.0

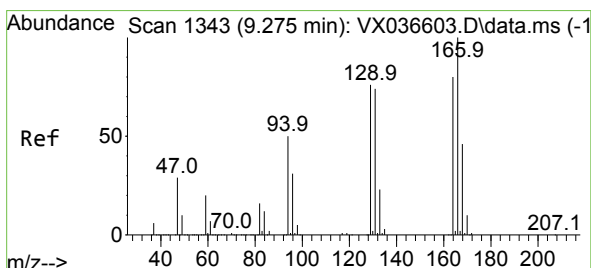
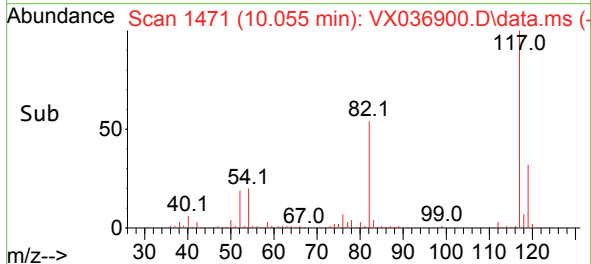
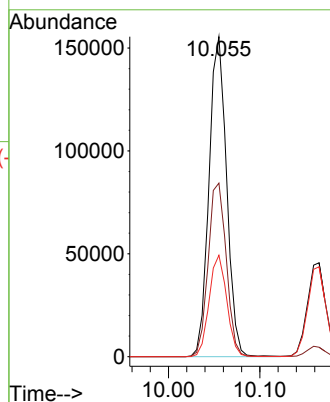
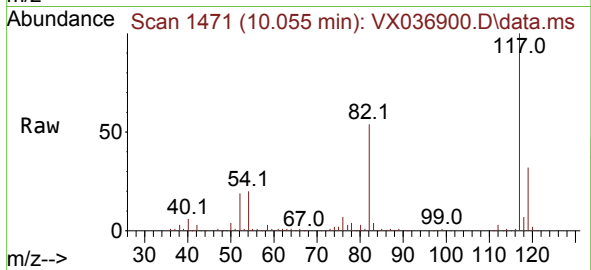




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

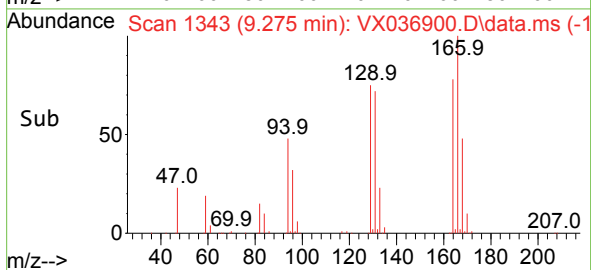
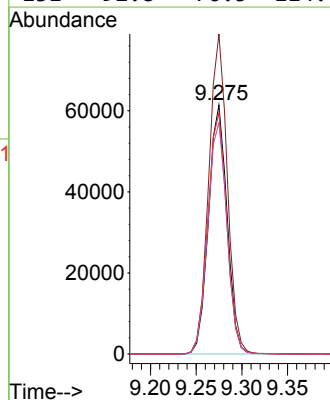
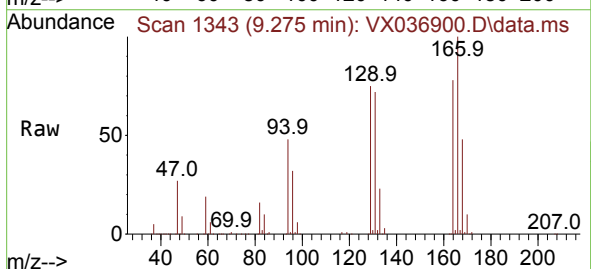
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

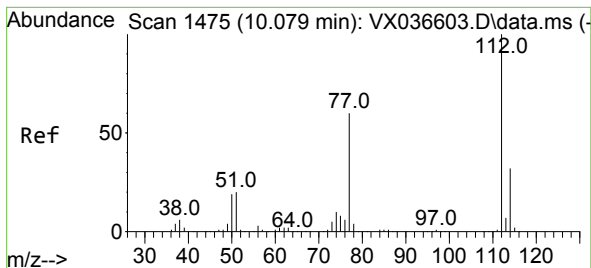
Tgt Ion:117 Resp: 207521
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 55.962 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion:164 Resp: 86622
Ion Ratio Lower Upper
164 100
166 128.6 102.7 154.1
129 96.9 80.4 120.6
131 92.8 76.5 114.7

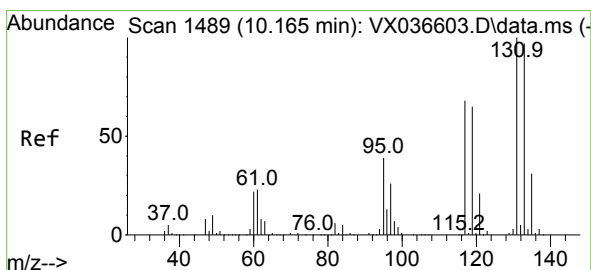
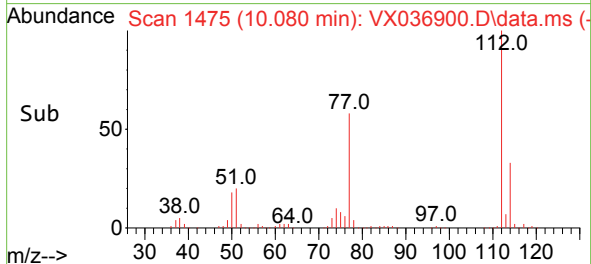
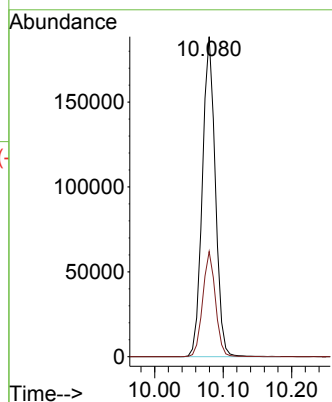
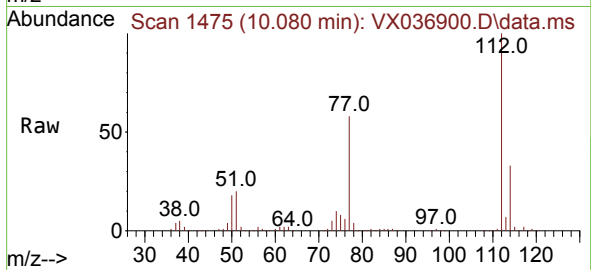




#65
Chlorobenzene
Concen: 54.312 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

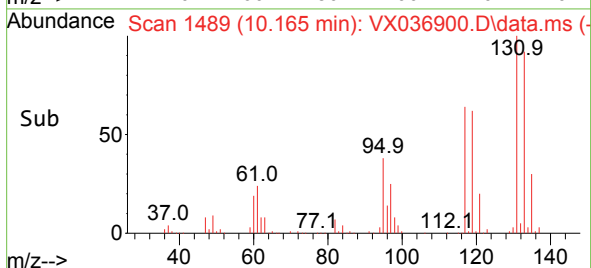
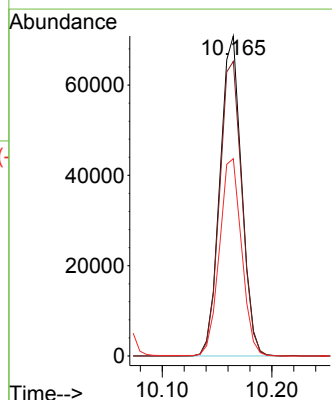
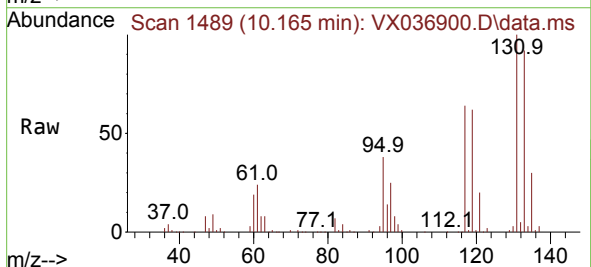
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

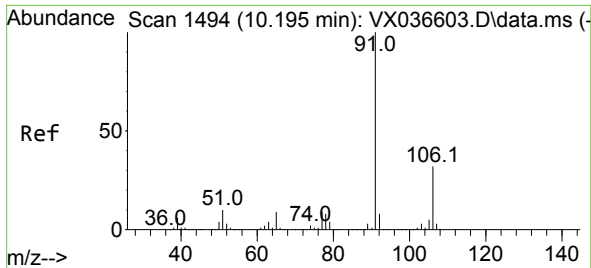
Tgt Ion:112 Resp: 248439
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.029 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion:131 Resp: 97293
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 62.9 32.2 96.6

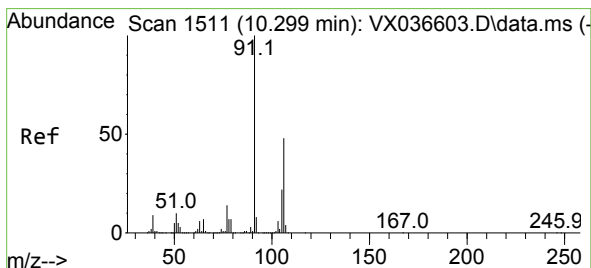
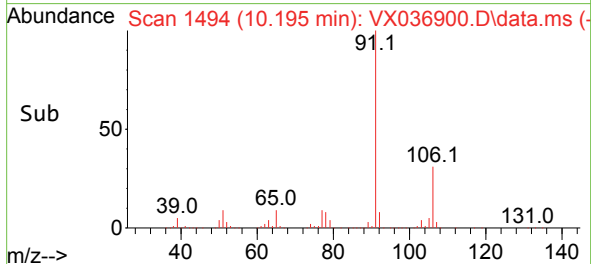
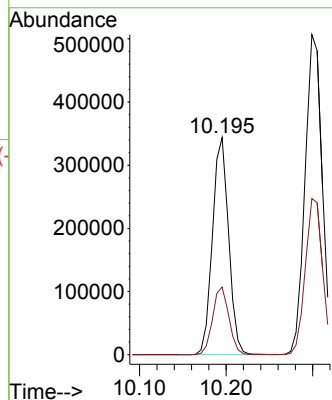
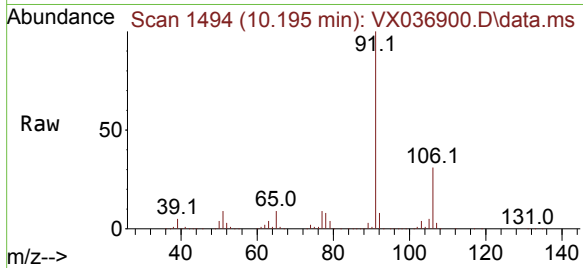




#67
Ethyl Benzene
Concen: 53.274 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

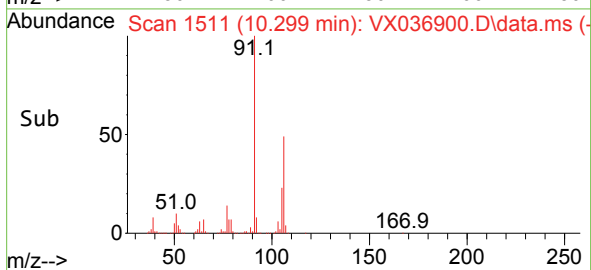
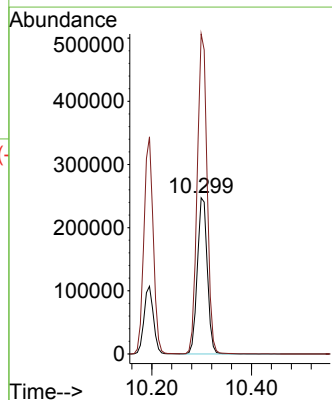
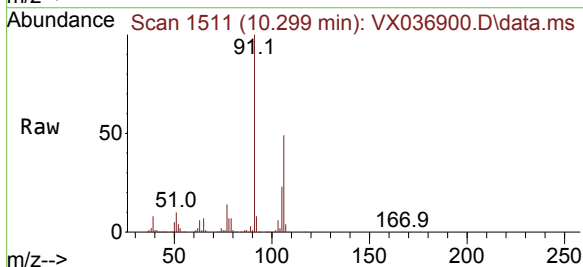
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

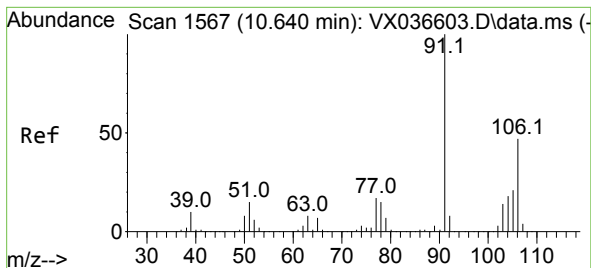
Tgt Ion: 91 Resp: 445187
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 110.118 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 106 Resp: 343335
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3





#69

o-Xylene

Concen: 54.838 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

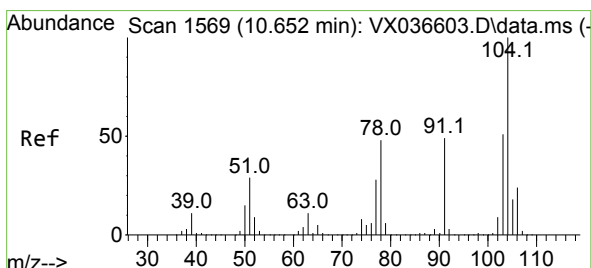
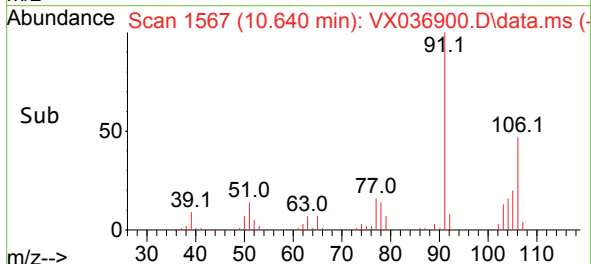
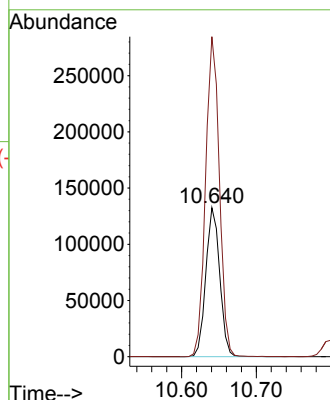
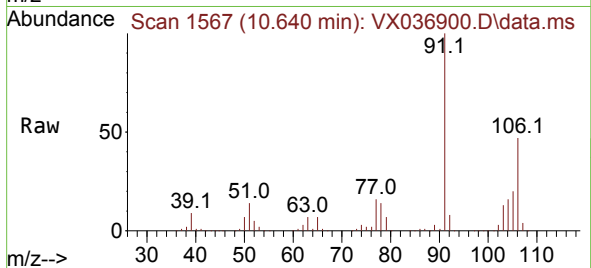
VSTDCCC050EC

Tgt Ion:106 Resp: 170668

Ion Ratio Lower Upper

106 100

91 214.2 108.9 326.8



#70

Styrene

Concen: 55.208 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

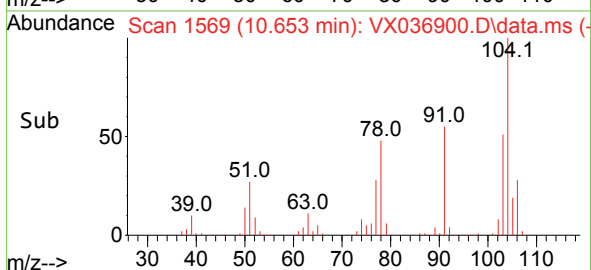
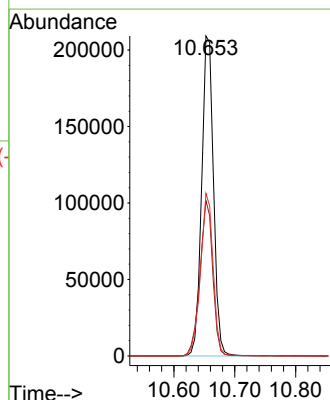
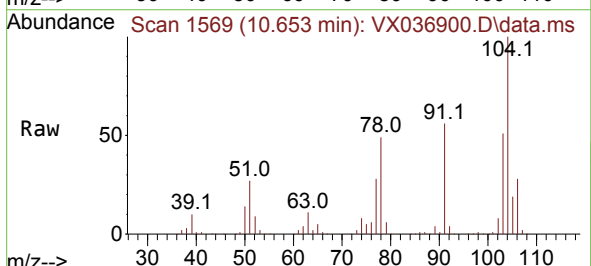
Tgt Ion:104 Resp: 283478

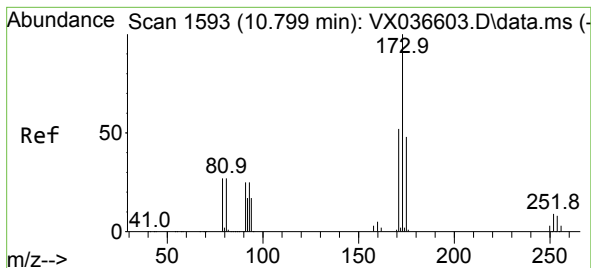
Ion Ratio Lower Upper

104 100

78 52.4 43.6 65.4

103 54.2 43.6 65.4





#71

Bromoform

Concen: 54.271 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

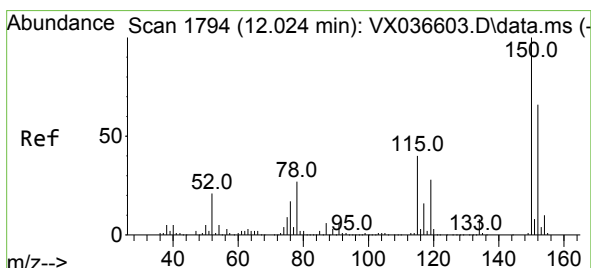
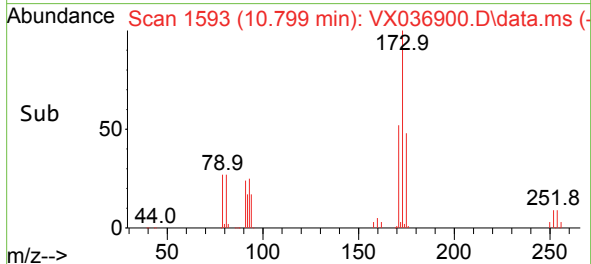
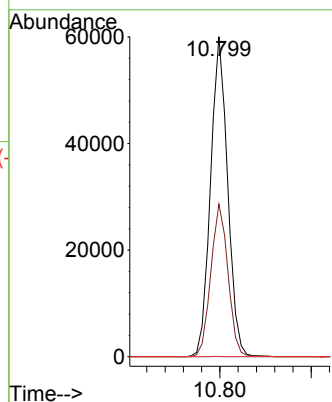
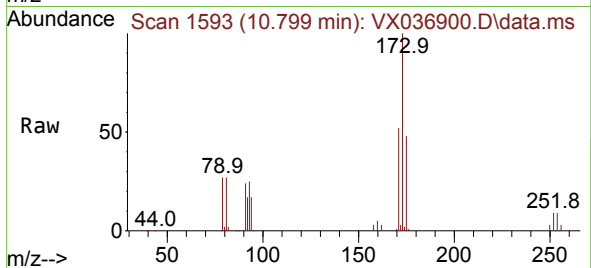
Tgt Ion:173 Resp: 77673

Ion Ratio Lower Upper

173 100

175 47.9 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: VX036900.D

Acq: 09 Aug 2023 20:20

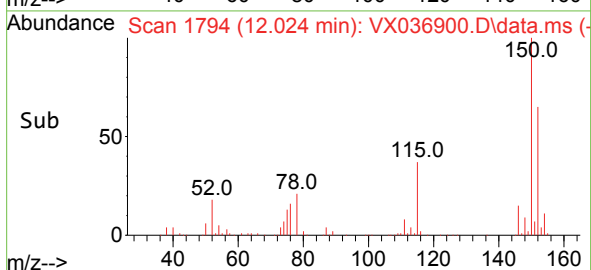
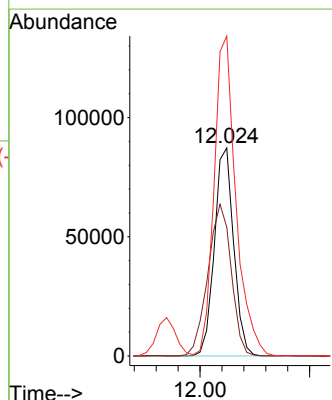
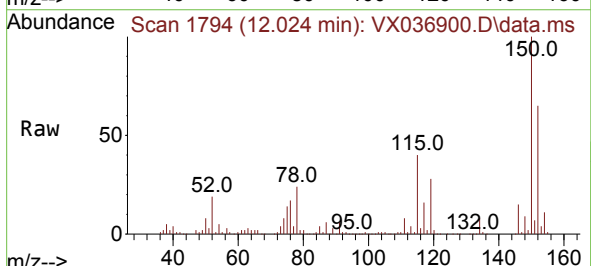
Tgt Ion:152 Resp: 106697

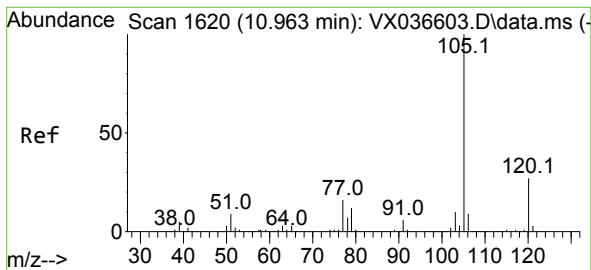
Ion Ratio Lower Upper

152 100

115 88.5 43.3 129.9

150 173.0 0.0 345.0





#73

Isopropylbenzene

Concen: 49.762 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

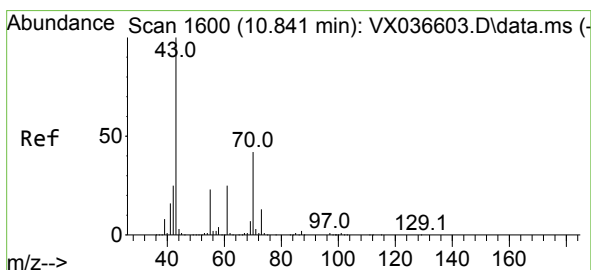
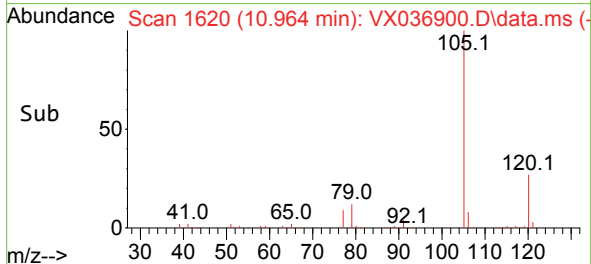
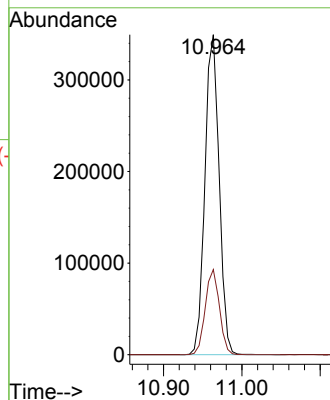
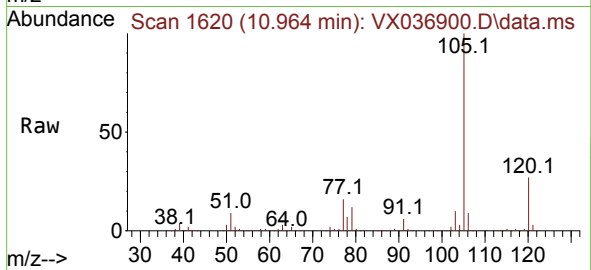
VSTDCCC050EC

Tgt Ion:105 Resp: 439408

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 44.175 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Tgt Ion: 43 Resp: 181901

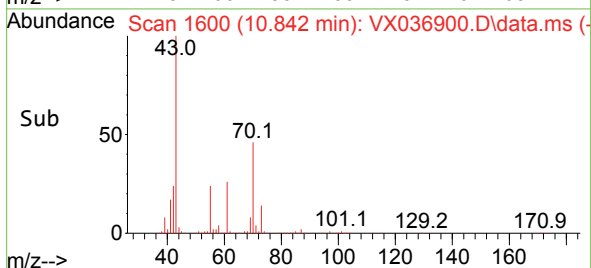
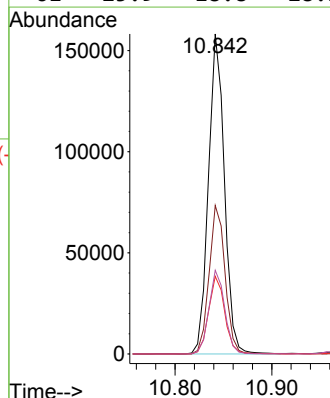
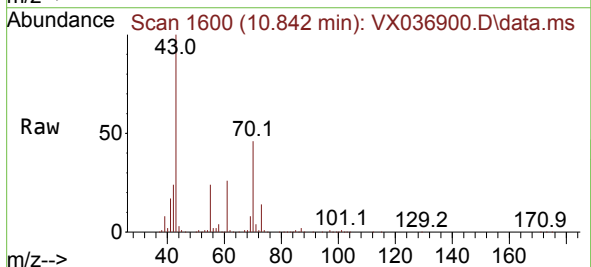
Ion Ratio Lower Upper

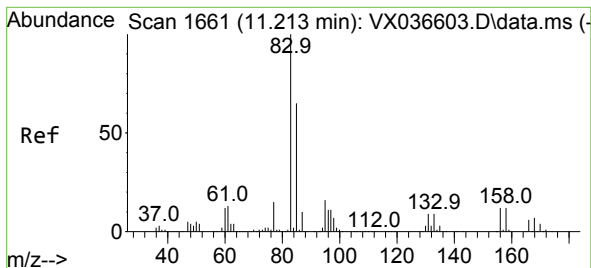
43 100

70 46.6 32.9 49.3

55 24.7 19.3 28.9

61 25.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.263 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

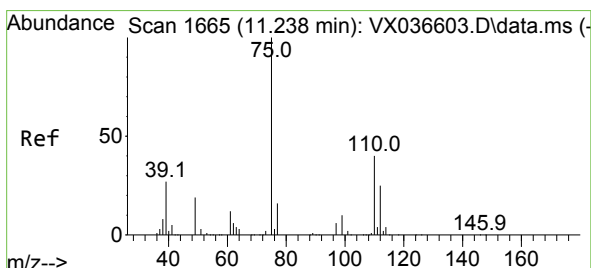
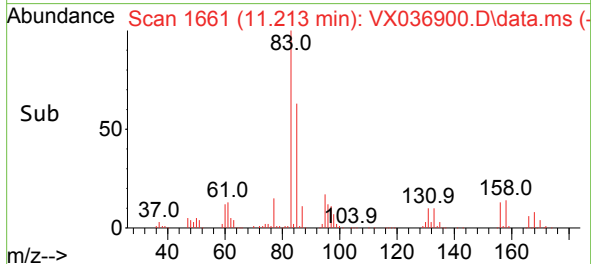
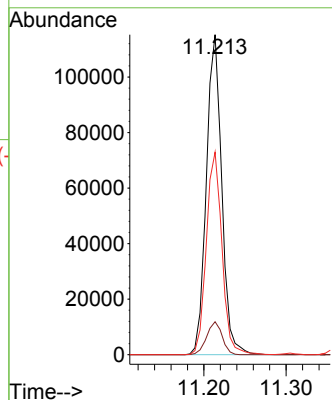
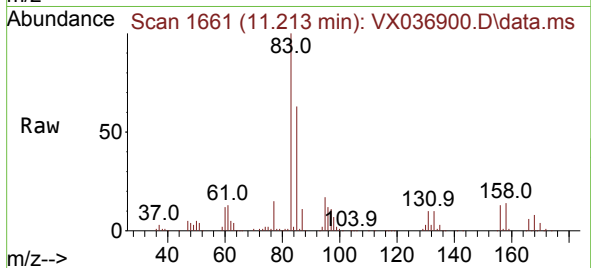
Tgt Ion: 83 Resp: 149904

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.996 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036900.D

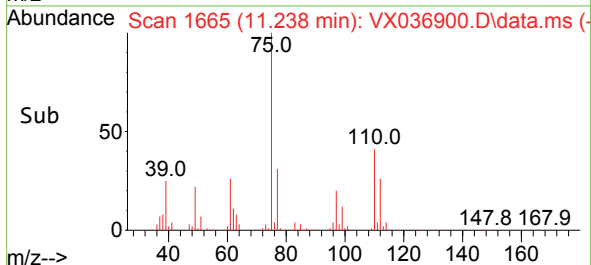
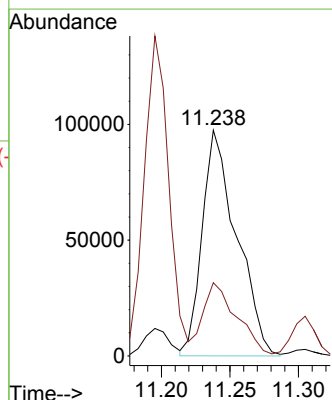
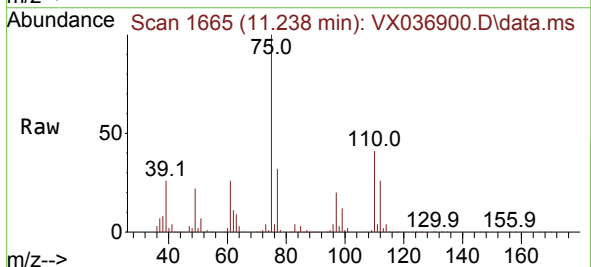
Acq: 09 Aug 2023 20:20

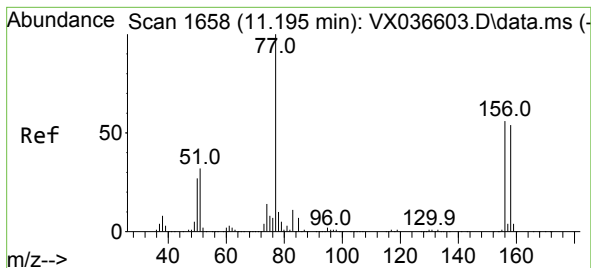
Tgt Ion: 75 Resp: 170646

Ion Ratio Lower Upper

75 100

77 32.0 19.1 57.5





#77

Bromobenzene

Concen: 52.695 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

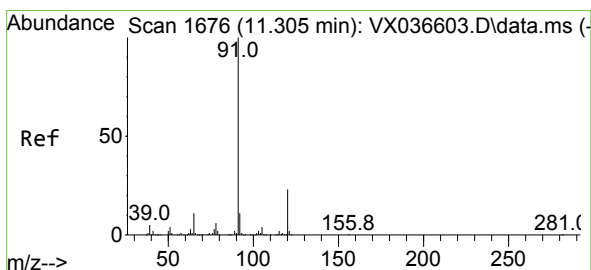
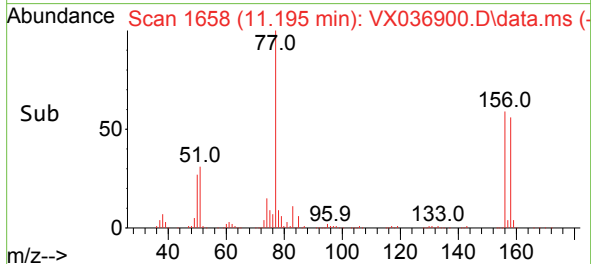
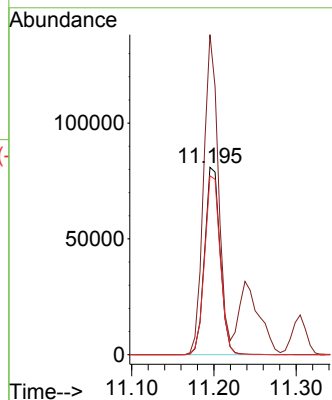
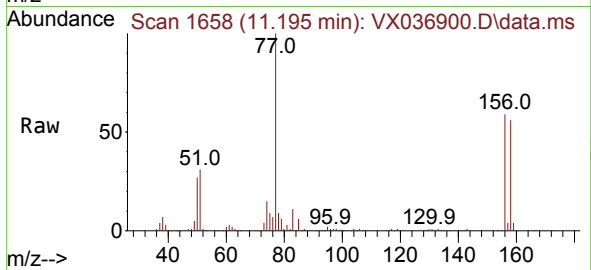
Tgt Ion:156 Resp: 105966

Ion Ratio Lower Upper

156 100

77 162.8 88.4 265.3

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 49.001 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036900.D

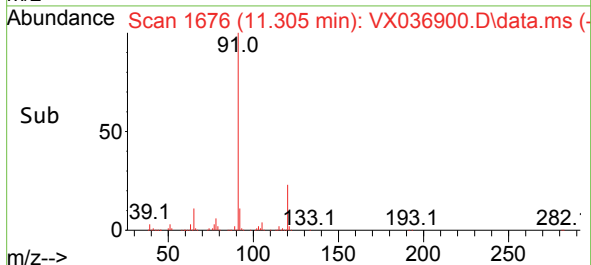
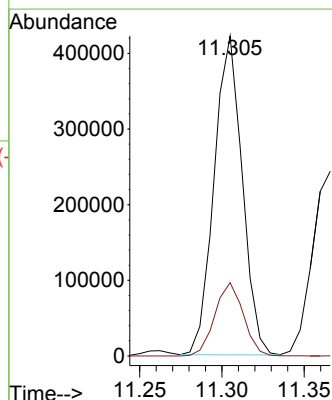
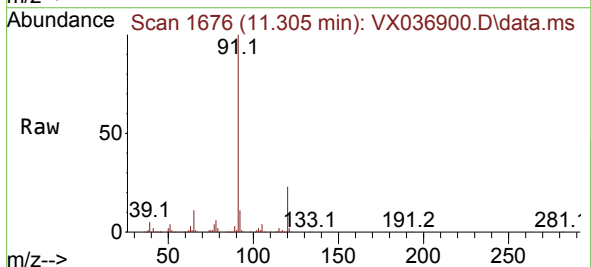
Acq: 09 Aug 2023 20:20

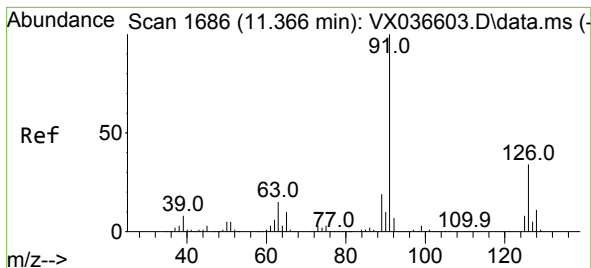
Tgt Ion: 91 Resp: 500408

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.877 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

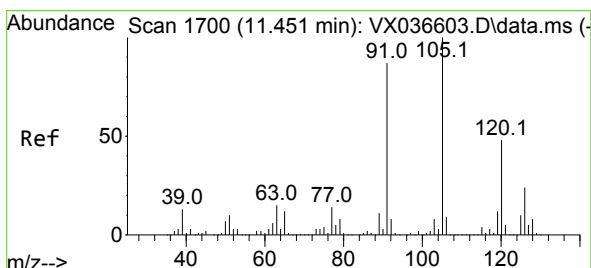
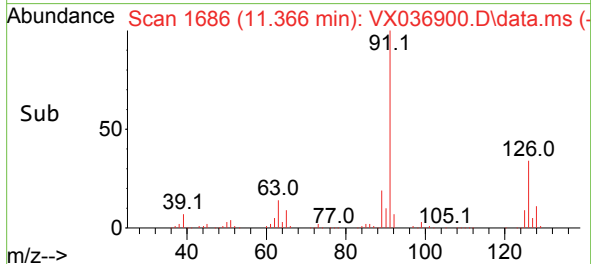
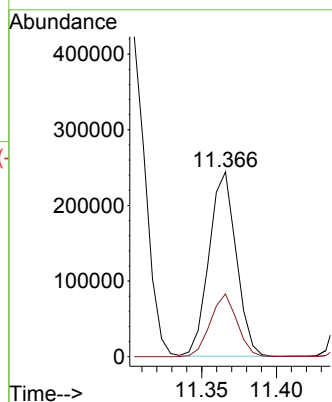
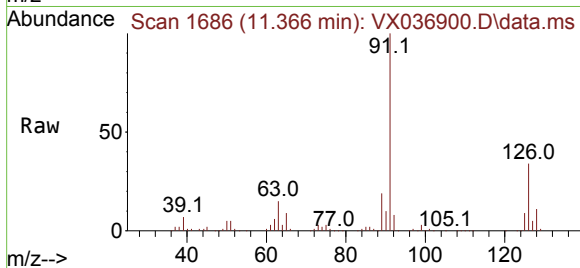
VSTDCCC050EC

Tgt Ion: 91 Resp: 308649

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.980 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036900.D

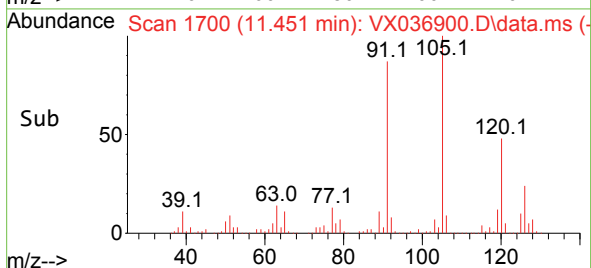
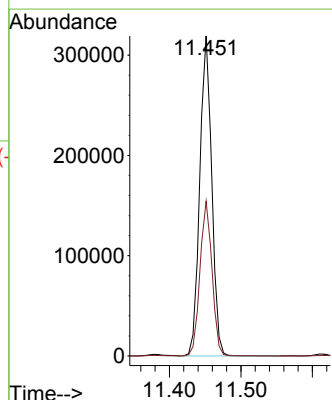
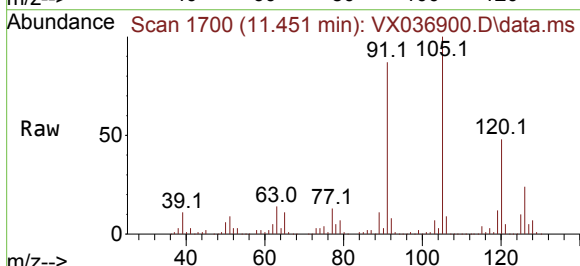
Acq: 09 Aug 2023 20:20

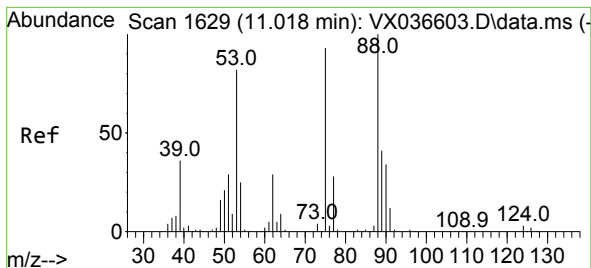
Tgt Ion: 105 Resp: 369206

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3

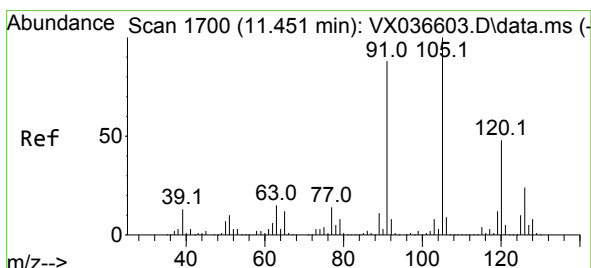
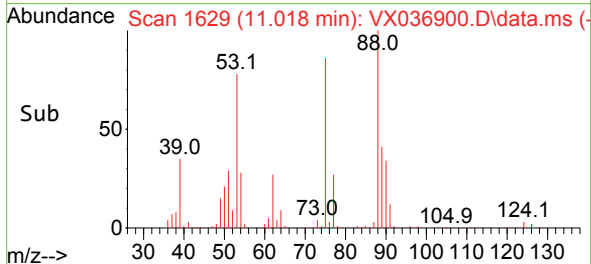
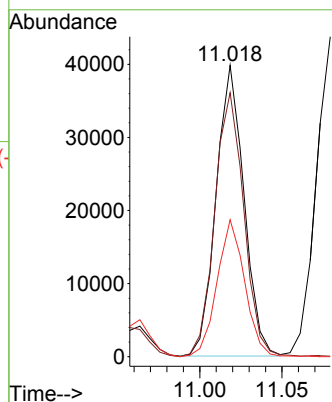
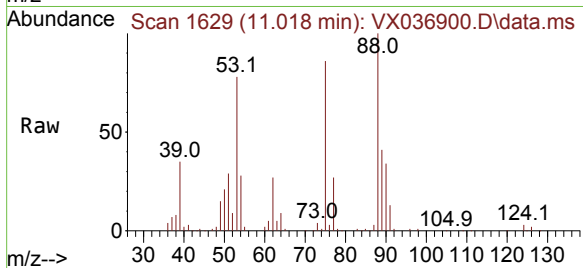




#81
trans-1,4-Dichloro-2-butene
Concen: 42.362 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

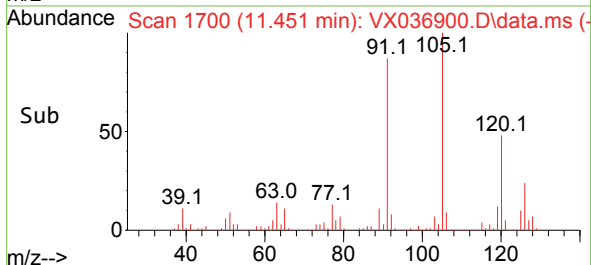
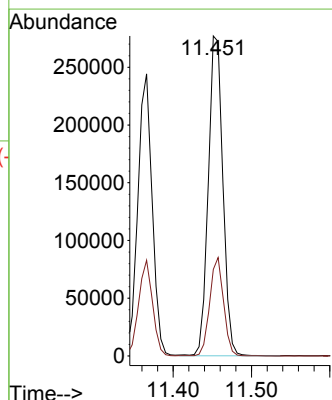
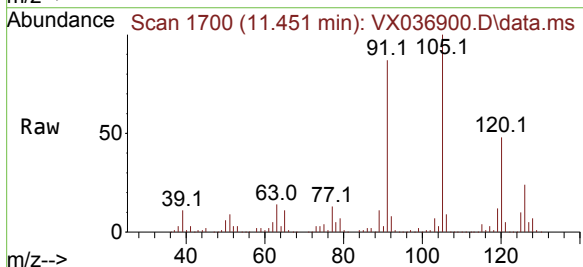
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

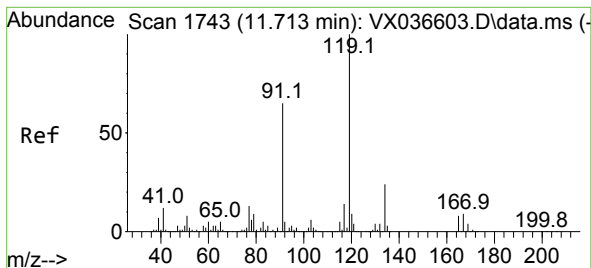
Tgt Ion: 75 Resp: 46905
Ion Ratio Lower Upper
75 100
53 94.9 90.5 135.7
89 46.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.681 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 91 Resp: 357342
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6

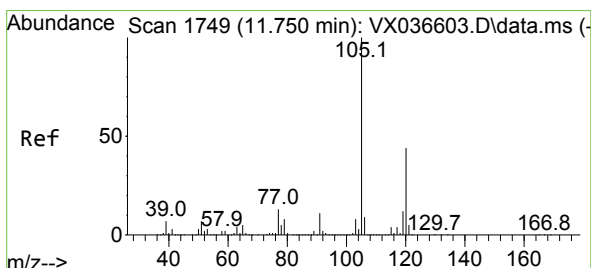
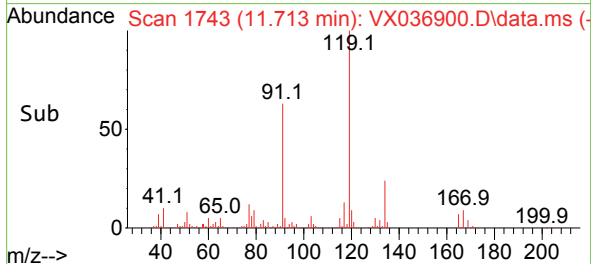
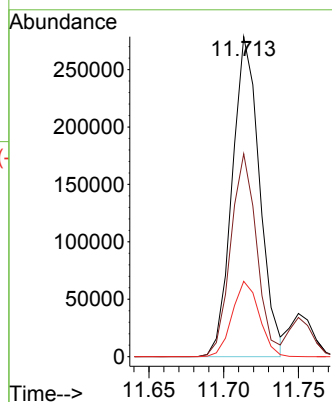
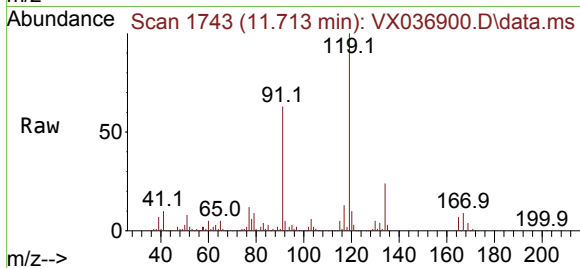




#83
tert-Butylbenzene
Concen: 48.981 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

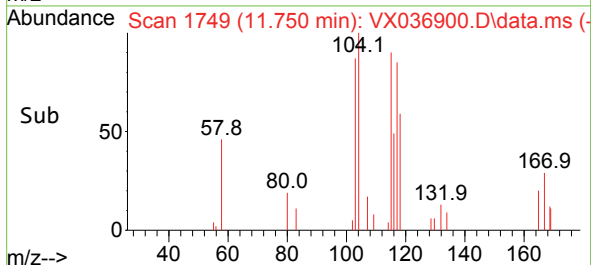
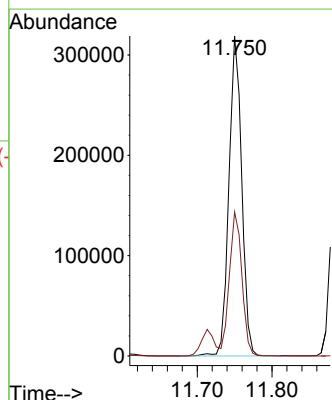
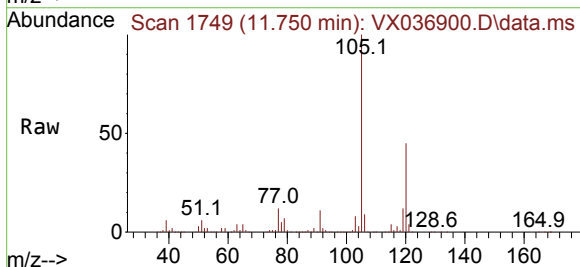
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

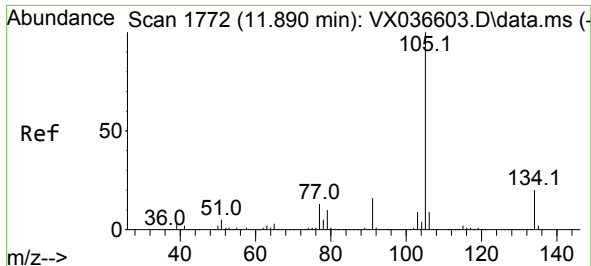
Tgt Ion:119 Resp: 355453
Ion Ratio Lower Upper
119 100
91 60.3 31.2 93.6
134 23.2 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 51.165 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion:105 Resp: 377990
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6

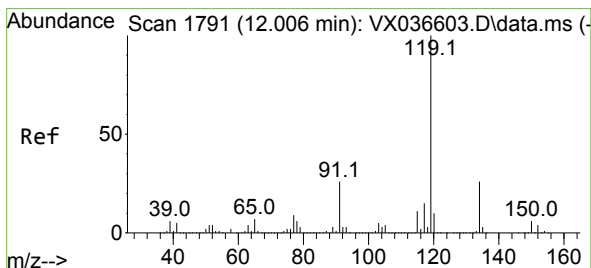
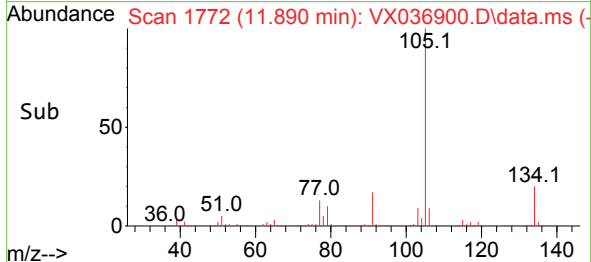
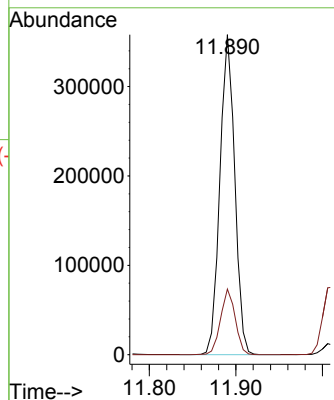
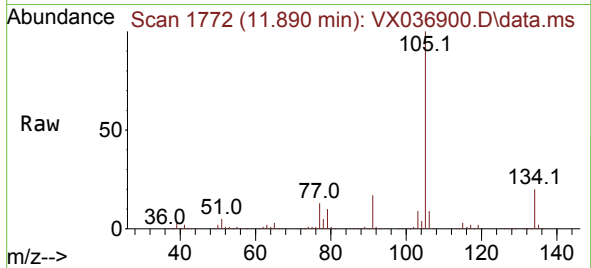




#85
 sec-Butylbenzene
 Concen: 47.064 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

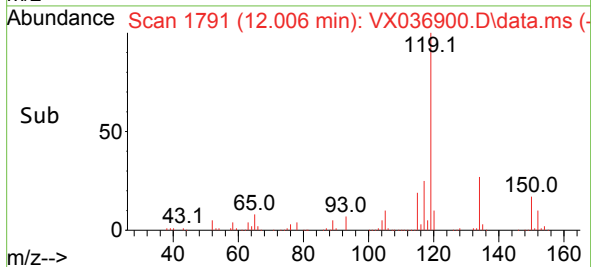
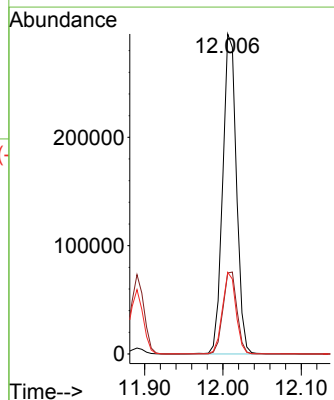
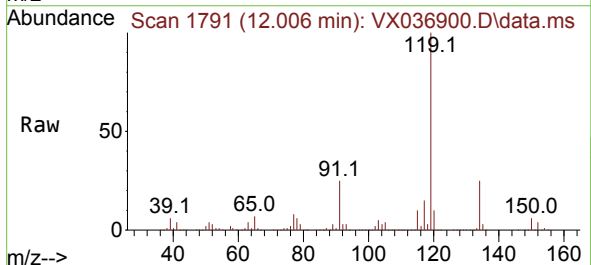
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

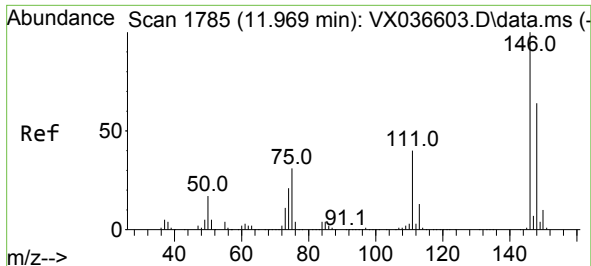
Tgt Ion:105 Resp: 425940
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.642 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion:119 Resp: 362229
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.429 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

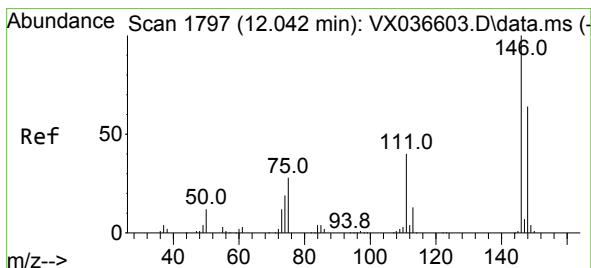
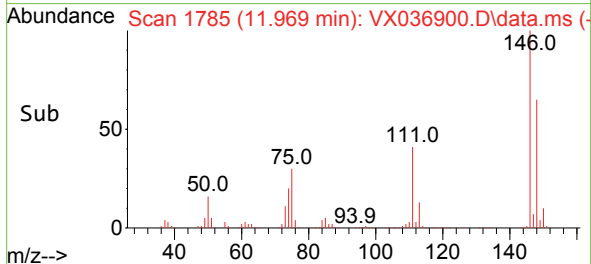
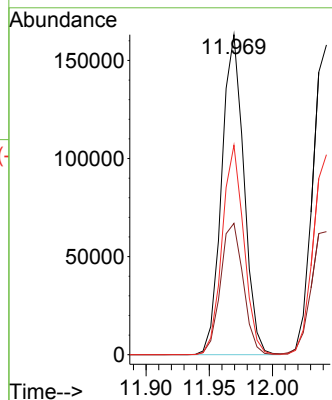
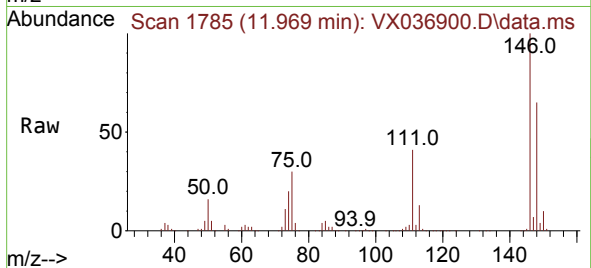
Tgt Ion:146 Resp: 198996

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.965 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

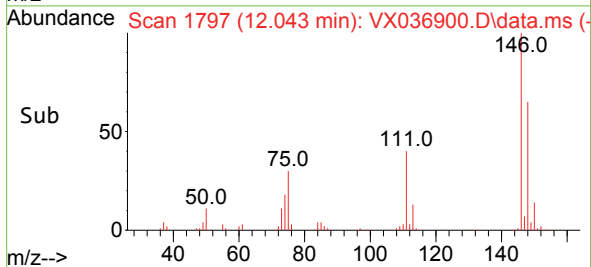
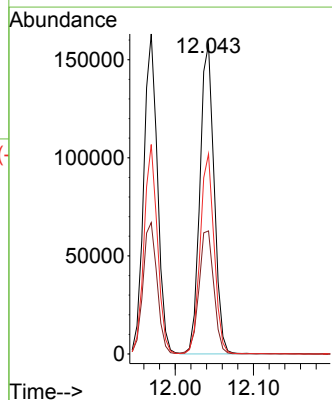
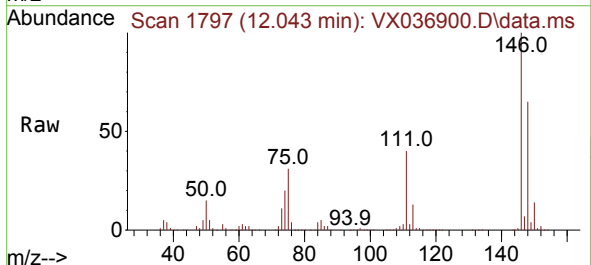
Tgt Ion:146 Resp: 199465

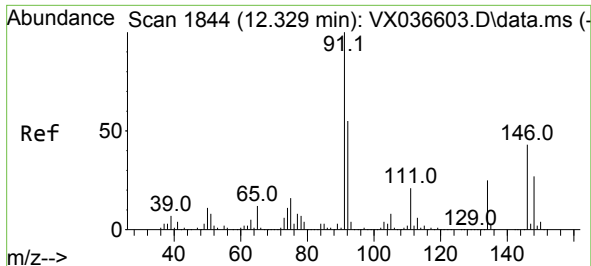
Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 63.2 31.8 95.4

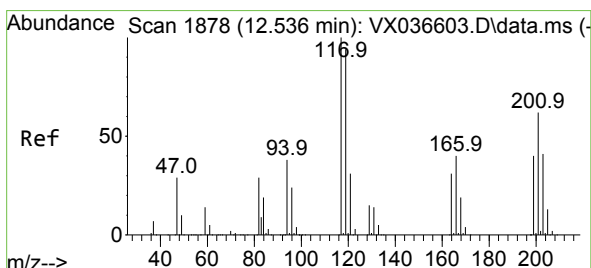
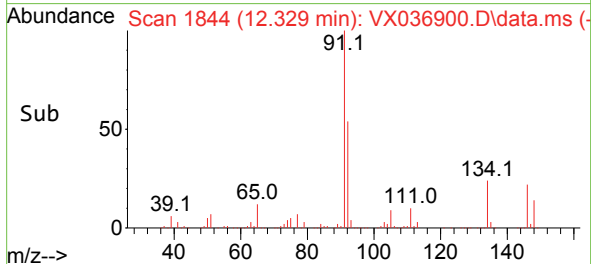
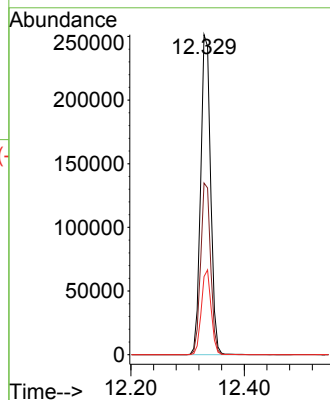
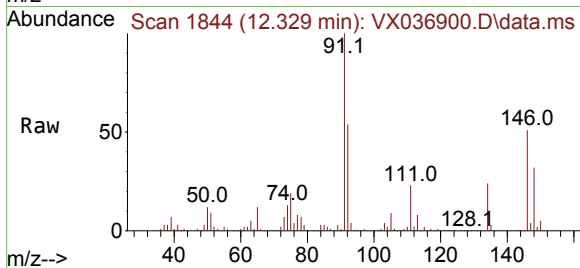




#89
n-Butylbenzene
Concen: 45.793 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

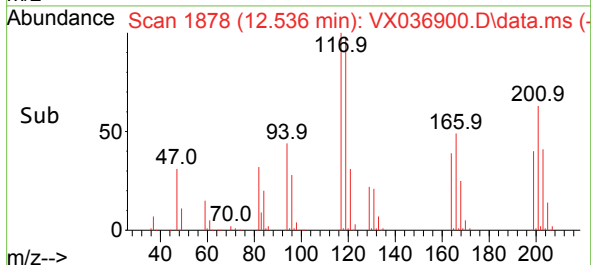
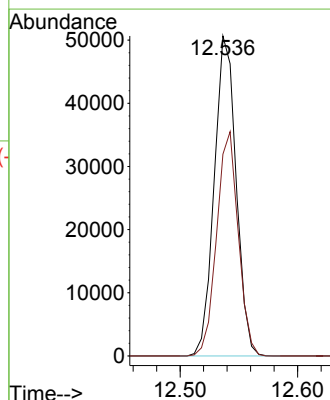
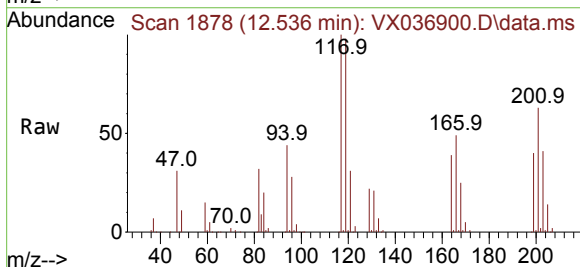
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

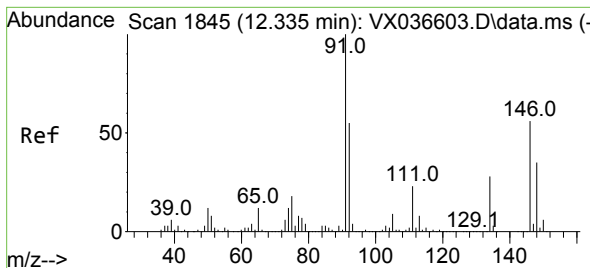
Tgt Ion: 91 Resp: 305270
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 26.1 12.6 37.8



#90
Hexachloroethane
Concen: 43.422 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion: 117 Resp: 65554
Ion Ratio Lower Upper
117 100
201 69.2 32.9 98.6

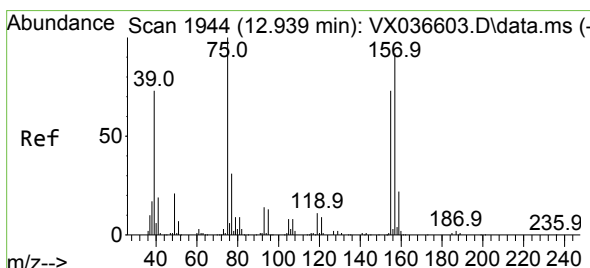
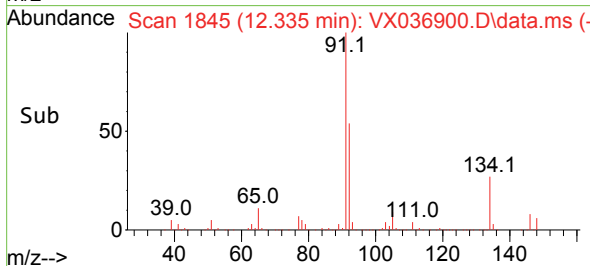
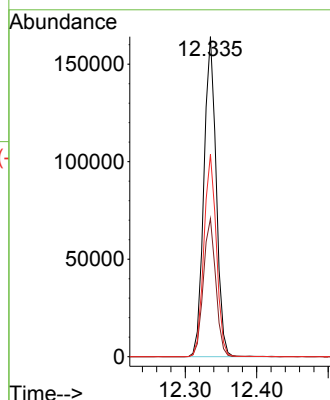
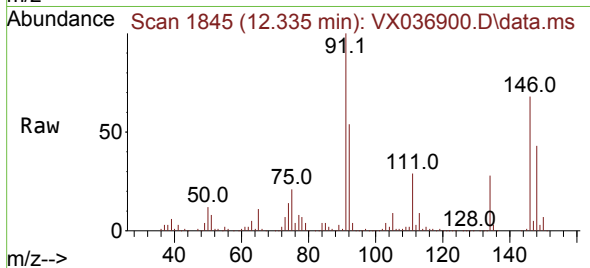




#91
 1,2-Dichlorobenzene
 Concen: 54.627 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

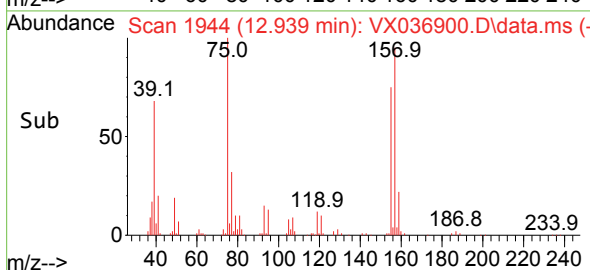
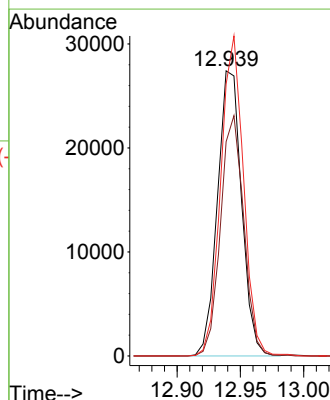
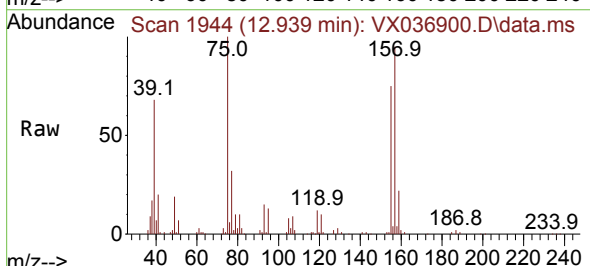
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

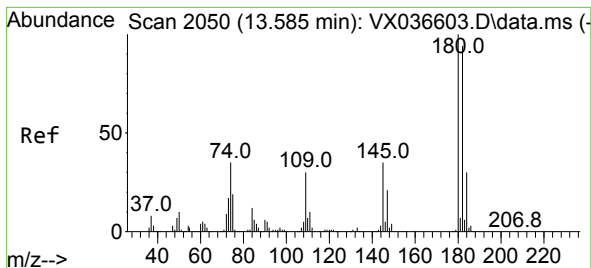
Tgt Ion:146 Resp: 196336
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.4 67.0
 148 63.9 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.379 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX036900.D
 Acq: 09 Aug 2023 20:20

Tgt Ion: 75 Resp: 36301
 Ion Ratio Lower Upper
 75 100
 155 81.2 36.1 108.5
 157 106.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.711 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

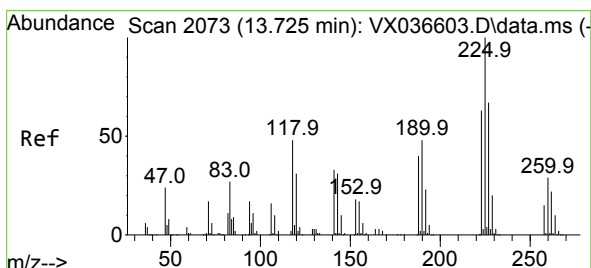
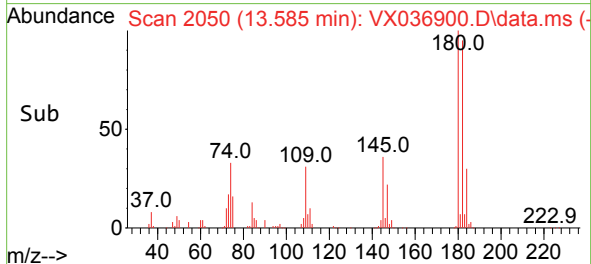
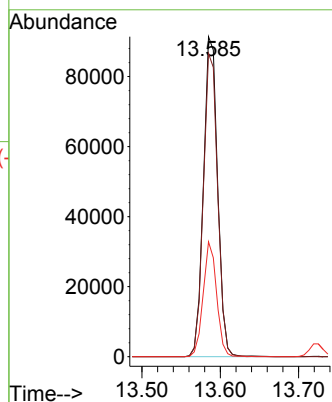
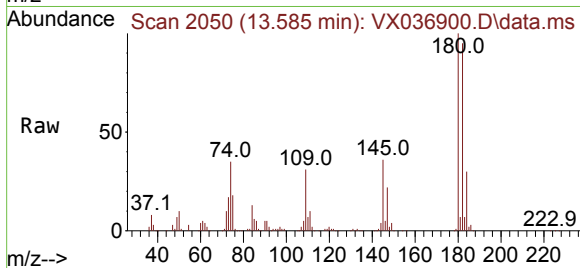
Tgt Ion:180 Resp: 114505

Ion Ratio Lower Upper

180 100

182 95.6 48.3 144.8

145 34.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 46.692 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036900.D

Acq: 09 Aug 2023 20:20

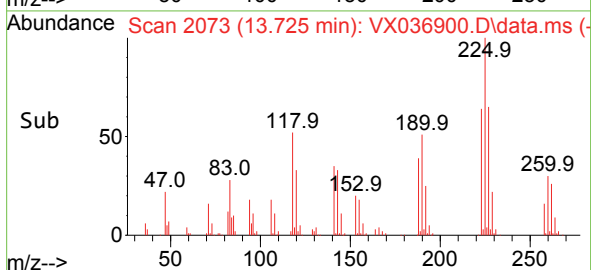
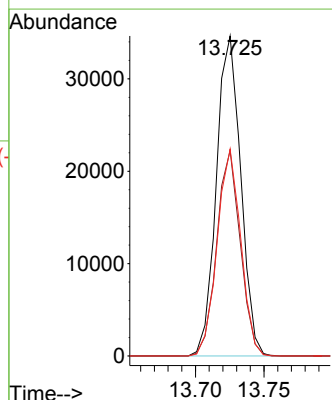
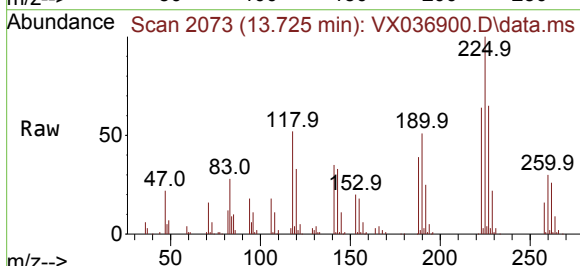
Tgt Ion:225 Resp: 42774

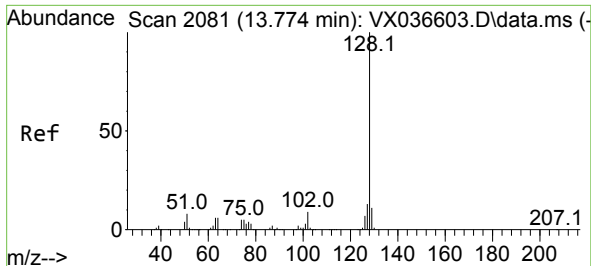
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 62.6 32.5 97.5

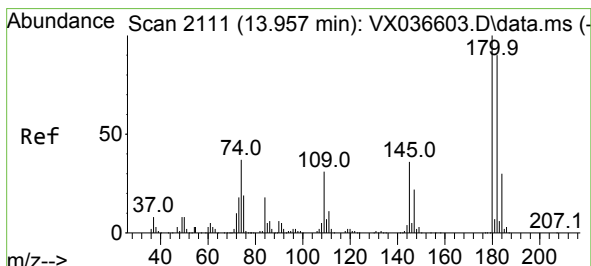
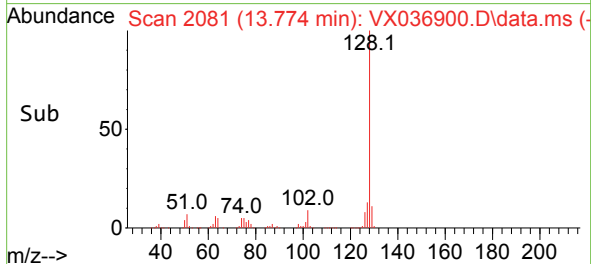
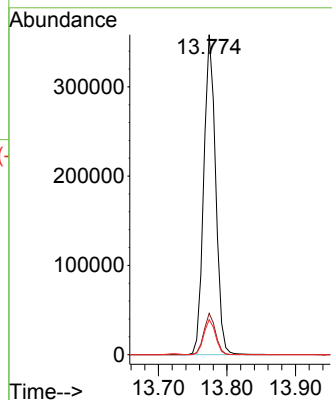
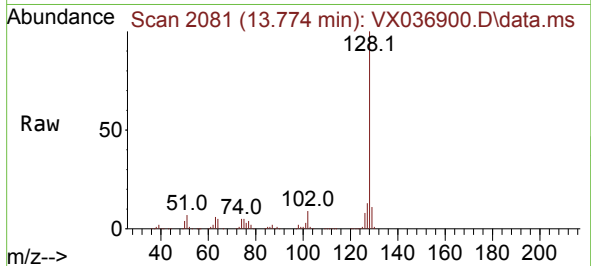




#95
Naphthalene
Concen: 56.069 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 432654
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.943 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036900.D
Acq: 09 Aug 2023 20:20

Tgt Ion:180 Resp: 117729
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.6
145 35.1 17.8 53.5

