

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037604.D
 Acq On : 08 Sep 2023 16:03
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 09 04:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	10938	5.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.080%#
35) Dibromofluoromethane	5.385	113	9480	5.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.040%#
50) Toluene-d8	8.647	98	35410	5.112	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.220%#
62) 4-Bromofluorobenzene	11.079	95	13327	5.105	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7966	4.881	ug/l	94
3) Chloromethane	1.307	50	8791	4.811	ug/l	98
4) Vinyl Chloride	1.374	62	8861	4.708	ug/l	91
5) Bromomethane	1.599	94	4164	4.993	ug/l	92
6) Chloroethane	1.678	64	5793	5.745	ug/l	96
7) Trichlorofluoromethane	1.880	101	13220	5.168	ug/l	92
8) Diethyl Ether	2.136	74	5518	4.853	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	8744	5.111	ug/l	96
10) Methyl Iodide	2.447	142	10059	4.533	ug/l	91
11) Tert butyl alcohol	2.965	59	12109	24.927	ug/l	96
12) 1,1-Dichloroethene	2.312	96	8289	4.800	ug/l #	79
13) Acrolein	2.233	56	10891	22.804	ug/l	98
14) Allyl chloride	2.660	41	11644	4.808	ug/l #	87
15) Acrylonitrile	3.062	53	24609	23.236	ug/l	99
16) Acetone	2.380	43	22007	24.651	ug/l #	89
17) Carbon Disulfide	2.508	76	20027	4.630	ug/l	97
18) Methyl Acetate	2.703	43	17276	4.770	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	29105	4.754	ug/l	99
20) Methylene Chloride	2.782	84	11441	4.664	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	9142	4.739	ug/l	83
22) Diisopropyl ether	3.757	45	24501	4.778	ug/l #	96
23) Vinyl Acetate	3.721	43	84628	23.117	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	15881	4.752	ug/l	95
25) 2-Butanone	4.556	43	32580	24.063	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	11750	4.769	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	11133	4.843	ug/l	84
28) Bromochloromethane	4.903	49	7039	4.826	ug/l #	70
29) Tetrahydrofuran	5.013	42	20378	23.494	ug/l #	82
30) Chloroform	5.092	83	16963	4.731	ug/l	99
31) Cyclohexane	5.470	56	12893	4.881	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	14278	4.623	ug/l	95
36) 1,1-Dichloropropene	5.690	75	12567	5.037	ug/l	96
37) Ethyl Acetate	4.721	43	12247	4.788	ug/l #	90
38) Carbon Tetrachloride	5.672	117	12077	4.684	ug/l	93
39) Methylcyclohexane	7.379	83	15286	5.025	ug/l	90
40) Benzene	6.031	78	38415	5.004	ug/l	97

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Instrument :
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 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6355	4.877	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	12846	4.998	ug/l	90
43) Isopropyl Acetate	6.342	43	18325	4.783	ug/l #	91
44) Trichloroethene	7.123	130	10390	4.928	ug/l	90
45) 1,2-Dichloropropane	7.427	63	9297	4.945	ug/l	98
46) Dibromomethane	7.580	93	7043	4.992	ug/l	93
47) Bromodichloromethane	7.818	83	11934	4.629	ug/l	99
48) Methyl methacrylate	7.696	41	8659	4.722	ug/l #	78
49) 1,4-Dioxane	7.671	88	5542	96.326	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	61431	25.211	ug/l	90
52) Toluene	8.720	92	24960	5.006	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	11888	4.441	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	13837	4.646	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	10353	4.994	ug/l	91
56) Ethyl methacrylate	9.116	69	13969	4.625	ug/l #	80
57) 1,3-Dichloropropane	9.305	76	17278	5.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	37155	24.313	ug/l	91
59) 2-Hexanone	9.433	43	46459	24.999	ug/l	87
60) Dibromochloromethane	9.518	129	9222	4.468	ug/l	98
61) 1,2-Dibromoethane	9.610	107	10983	4.947	ug/l	98
64) Tetrachloroethene	9.275	164	8772	4.862	ug/l	98
65) Chlorobenzene	10.079	112	27951	4.938	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9383	4.677	ug/l	98
67) Ethyl Benzene	10.195	91	46649	4.848	ug/l	97
68) m/p-Xylenes	10.299	106	37008	9.777	ug/l	95
69) o-Xylene	10.640	106	17910	4.759	ug/l	99
70) Styrene	10.652	104	29632	4.843	ug/l	96
71) Bromoform	10.799	173	6242	4.321	ug/l #	96
73) Isopropylbenzene	10.963	105	46746	4.790	ug/l	100
74) N-amyl acetate	10.841	43	15096	4.487	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	16241	4.789	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	16049	5.265	ug/l	94
77) Bromobenzene	11.195	156	11432	4.732	ug/l	90
78) n-propylbenzene	11.305	91	52685	4.854	ug/l	99
79) 2-Chlorotoluene	11.366	91	33367	4.838	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	39981	4.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3244	5.426	ug/l	99
82) 4-Chlorotoluene	11.457	91	37682	4.846	ug/l	97
83) tert-Butylbenzene	11.713	119	38455	4.608	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	39719	4.799	ug/l	97
85) sec-Butylbenzene	11.890	105	49896	4.959	ug/l	100
86) p-Isopropyltoluene	12.006	119	42278	4.962	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22621	4.922	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	23337	4.991	ug/l	97
89) n-Butylbenzene	12.335	91	34553	4.935	ug/l	99
90) Hexachloroethane	12.536	117	6255	4.320	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	22193	4.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3030	4.196	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	13096	4.729	ug/l	98
94) Hexachlorobutadiene	13.725	225	6238	5.103	ug/l	98
95) Naphthalene	13.774	128	42794	4.424	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13431	4.695	ug/l	99

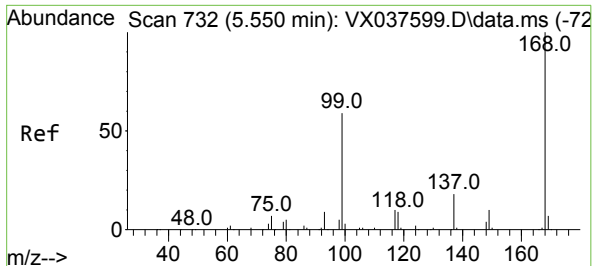
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
Data File : VX037604.D
Acq On : 08 Sep 2023 16:03
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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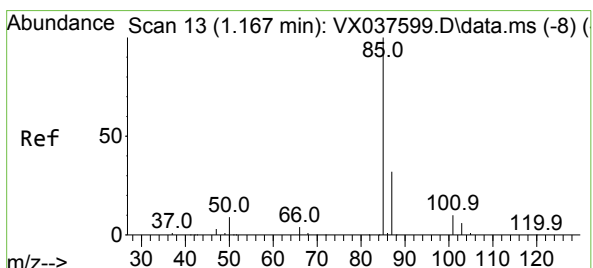
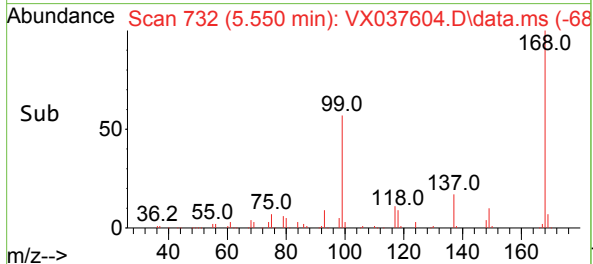
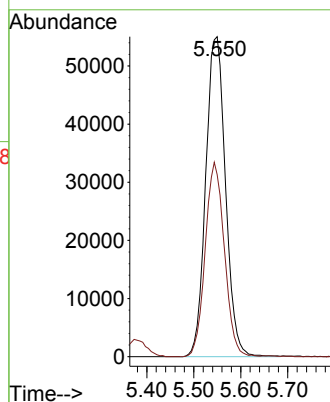
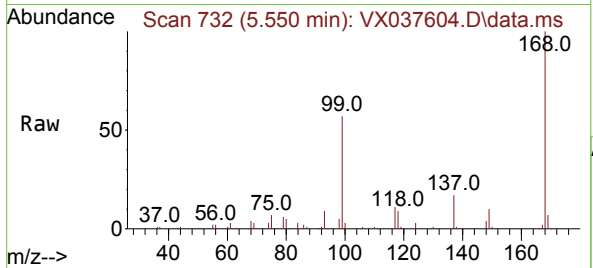
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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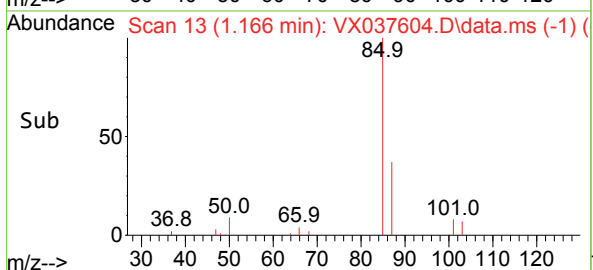
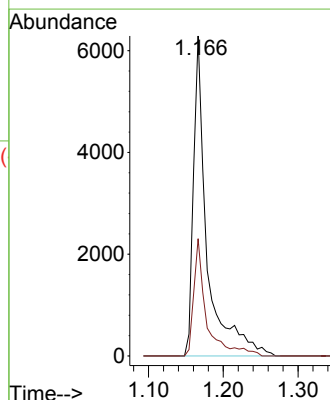
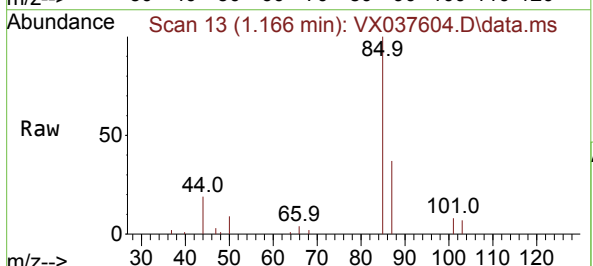
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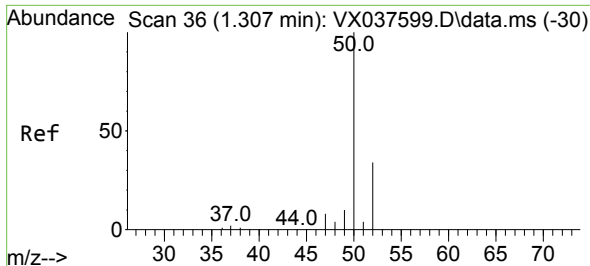
Tgt Ion:168 Resp: 160820
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 4.881 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 85 Resp: 7966
Ion Ratio Lower Upper
85 100
87 36.6 16.7 50.1

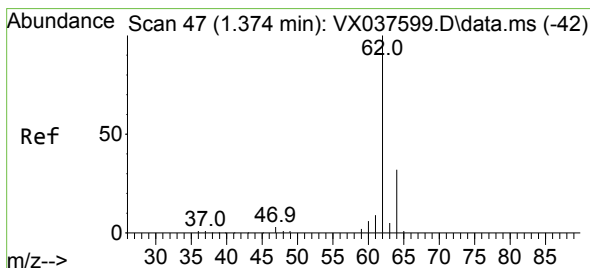
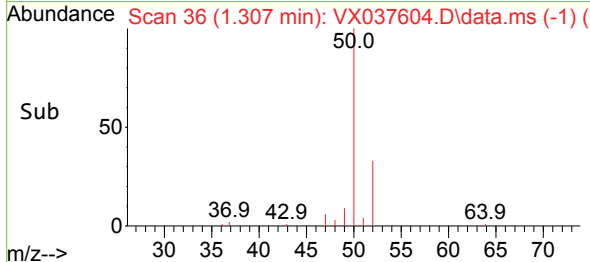
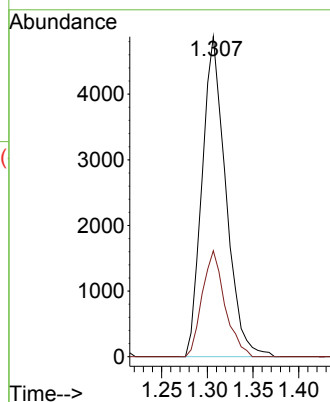
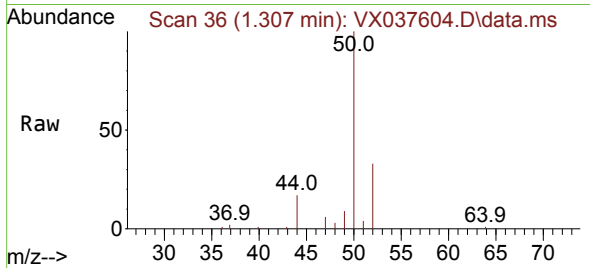




#3
Chloromethane
Concen: 4.811 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

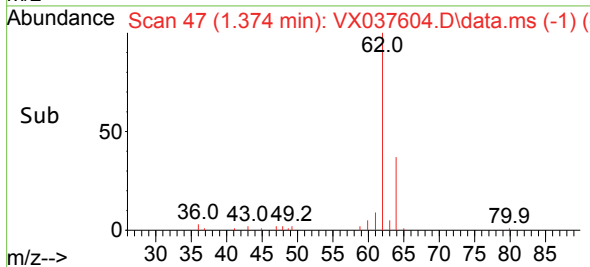
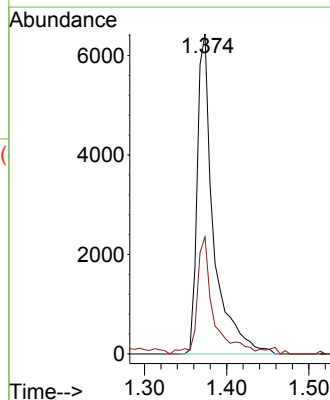
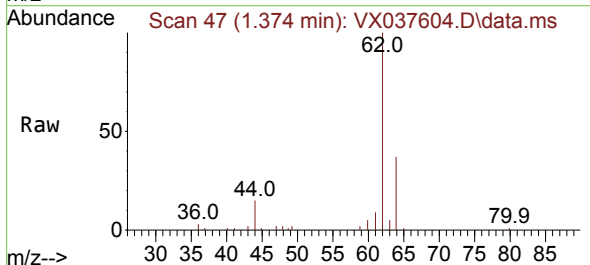
Instrument :
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ClientSampleId :
VSTDIC005

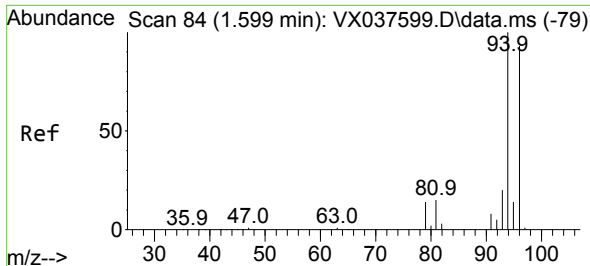
Tgt Ion: 50 Resp: 8791
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3



#4
Vinyl Chloride
Concen: 4.708 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 62 Resp: 8861
Ion Ratio Lower Upper
62 100
64 36.6 25.4 38.0

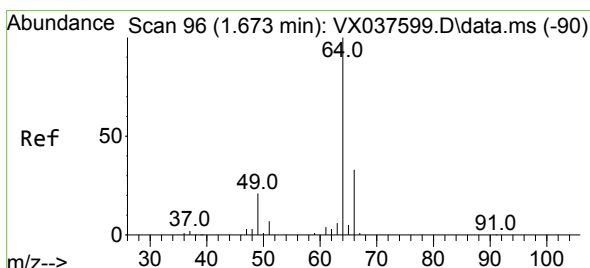
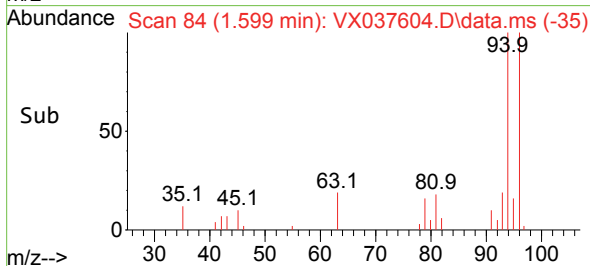
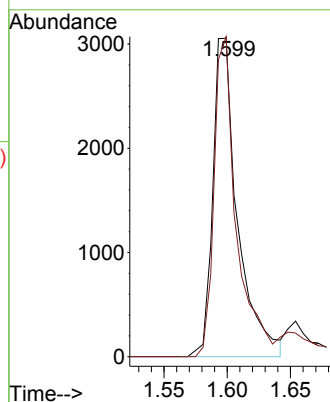
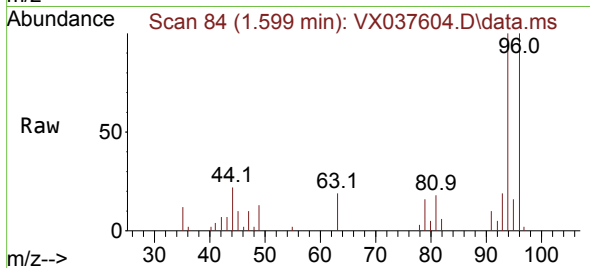




#5
Bromomethane
Concen: 4.993 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

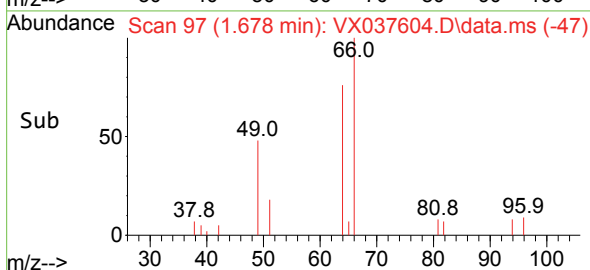
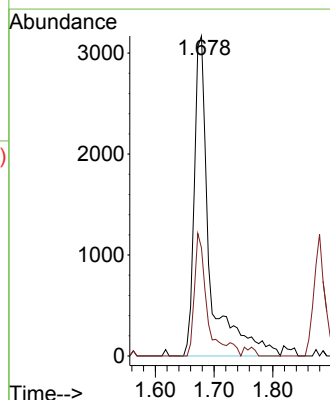
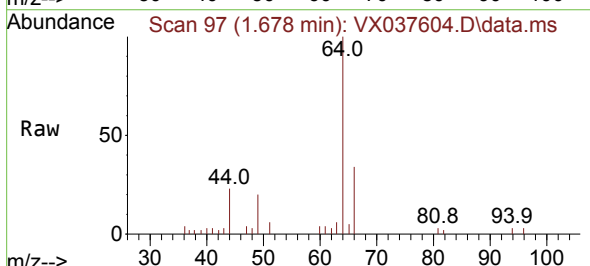
Instrument :
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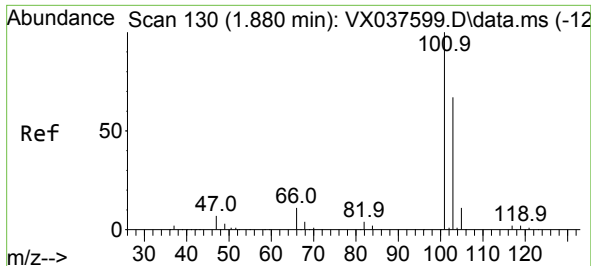
Tgt Ion: 94 Resp: 4164
Ion Ratio Lower Upper
94 100
96 100.5 74.6 111.8



#6
Chloroethane
Concen: 5.745 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 64 Resp: 5793
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

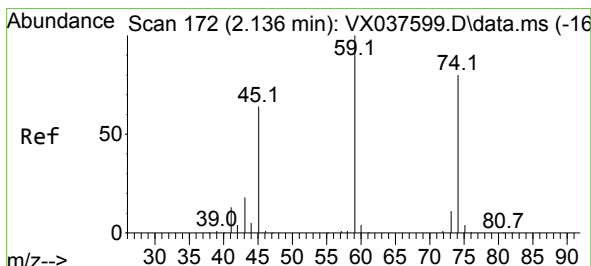
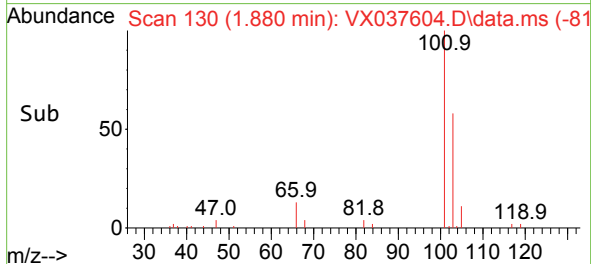
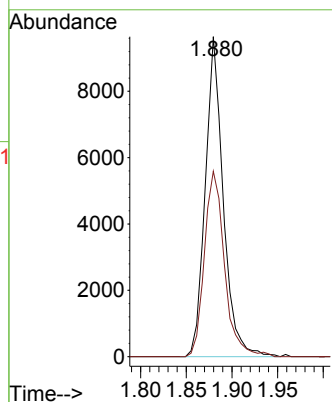
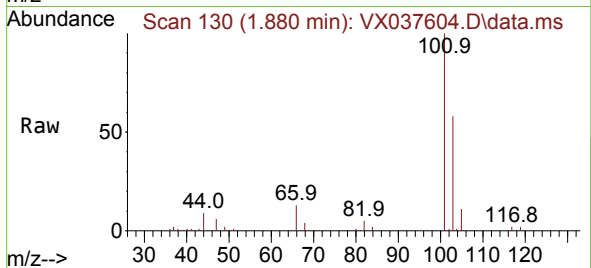




#7
 Trichlorofluoromethane
 Concen: 5.168 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

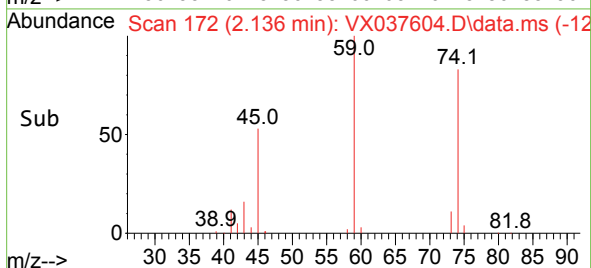
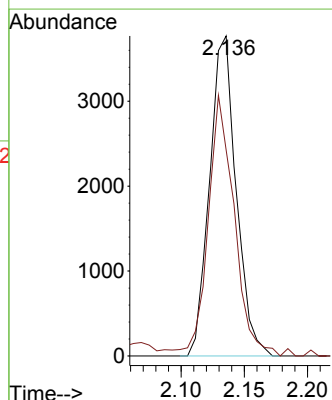
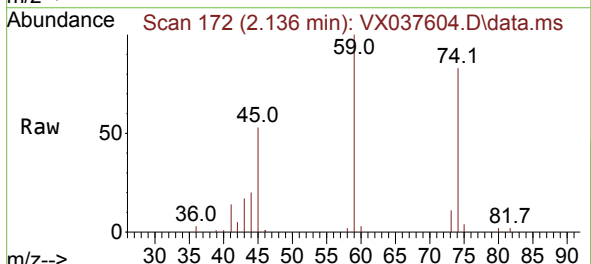
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 VSTDICC005

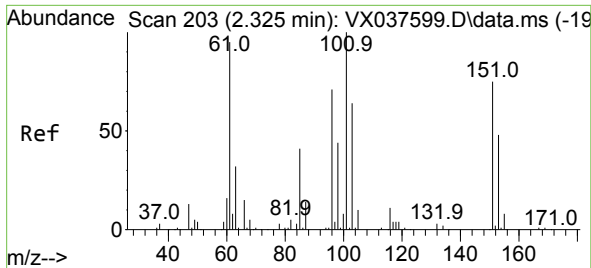
Tgt Ion:101 Resp: 13220
 Ion Ratio Lower Upper
 101 100
 103 57.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 4.853 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Tgt Ion: 74 Resp: 5518
 Ion Ratio Lower Upper
 74 100
 45 80.2 53.3 159.8

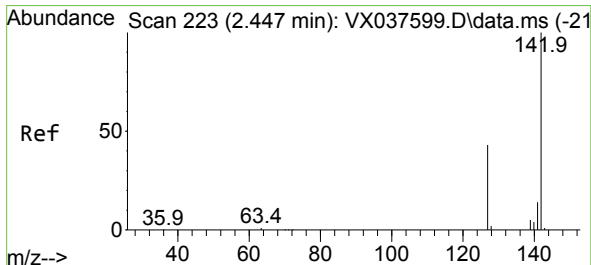
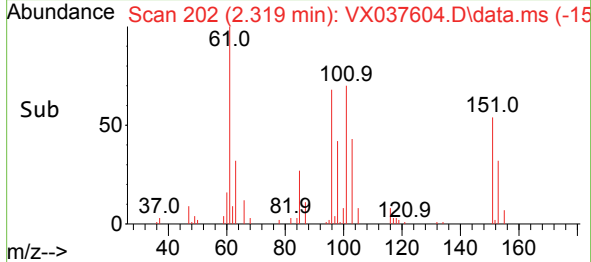
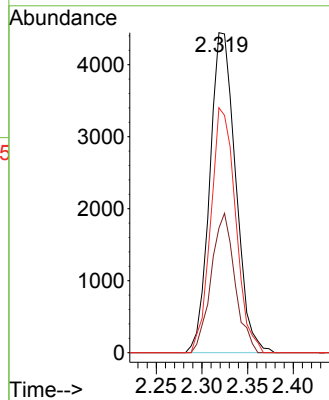
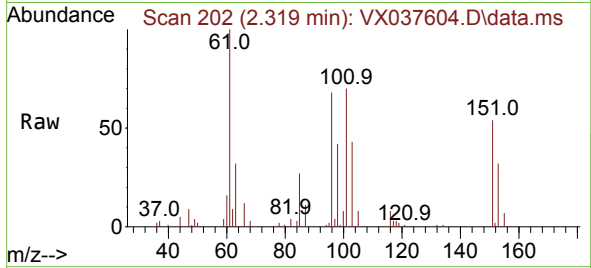




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.111 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037604.D
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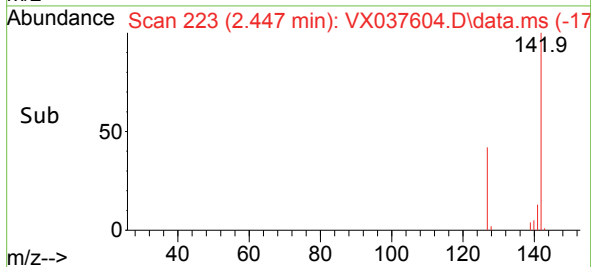
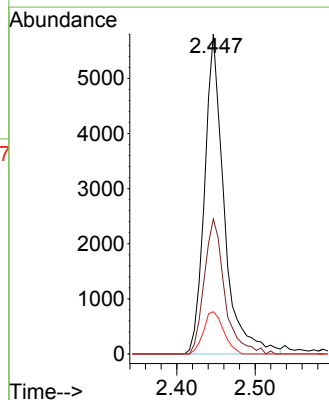
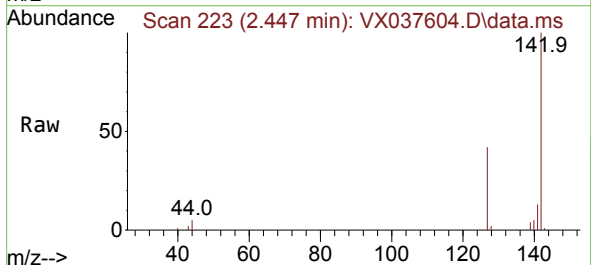
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

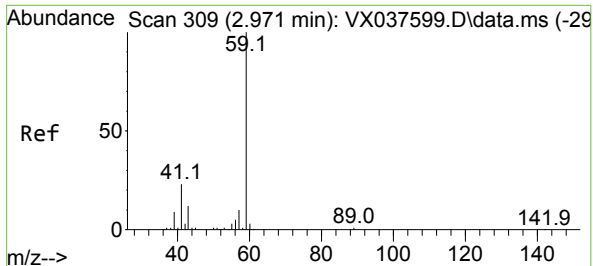
Tgt Ion:101 Resp: 8744
Ion Ratio Lower Upper
101 100
85 39.9 37.0 55.6
151 73.7 58.6 87.8



#10
Methyl Iodide
Concen: 4.533 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:142 Resp: 10059
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 24.927 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

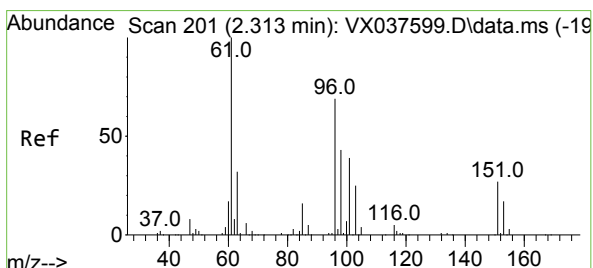
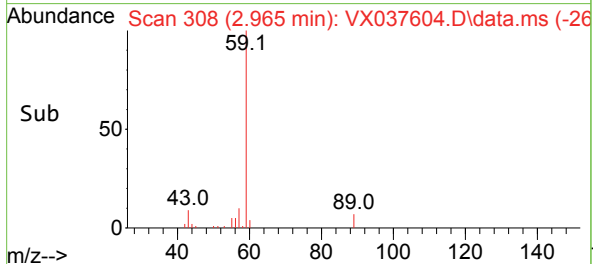
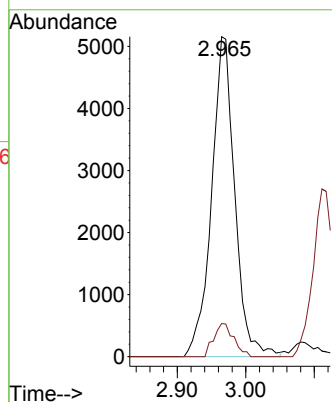
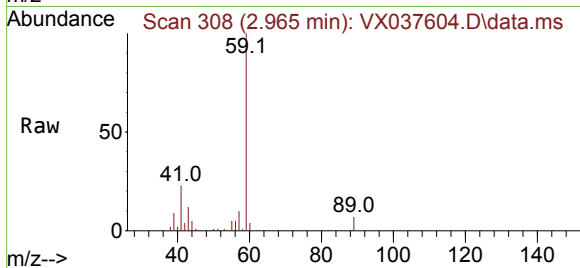
VSTDIC005

Tgt Ion: 59 Resp: 12109

Ion Ratio Lower Upper

59 100

57 8.9 6.0 9.0



#12

1,1-Dichloroethene

Concen: 4.800 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

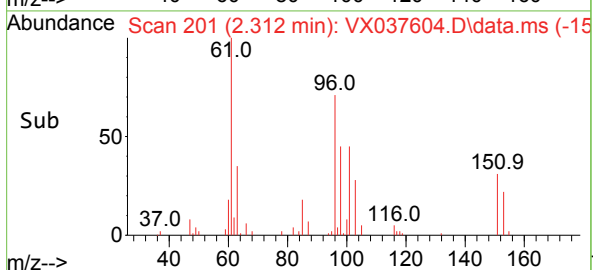
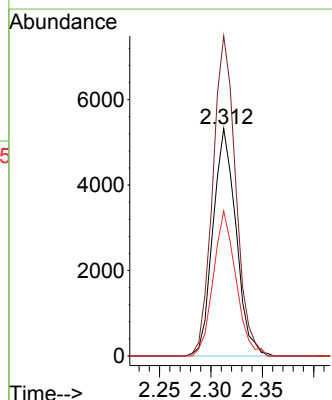
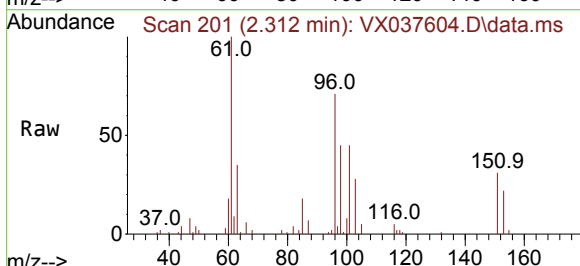
Tgt Ion: 96 Resp: 8289

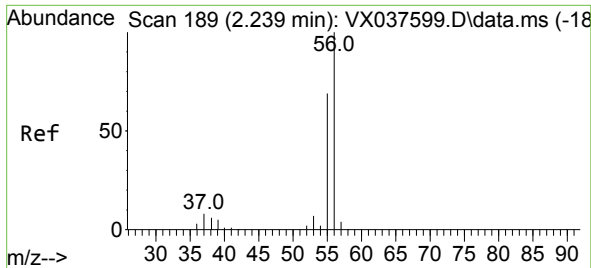
Ion Ratio Lower Upper

96 100

61 140.7 144.6 216.8#

98 63.7 50.4 75.6

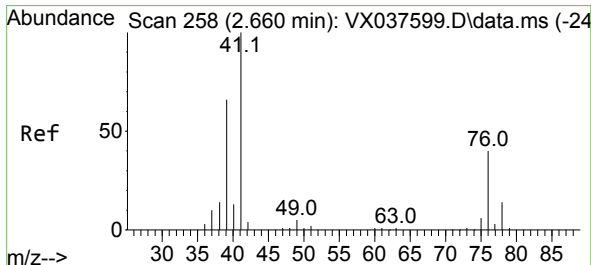
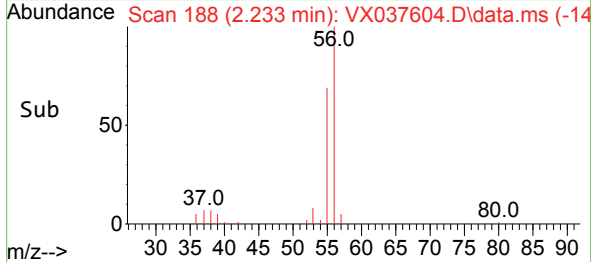
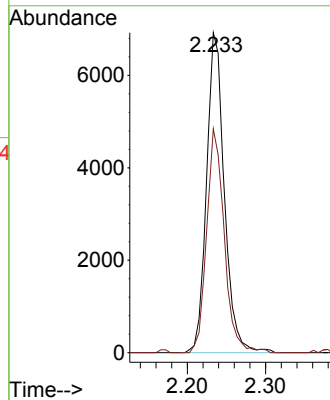
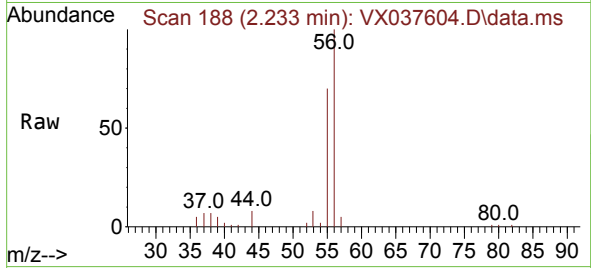




#13
Acrolein
Concen: 22.804 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

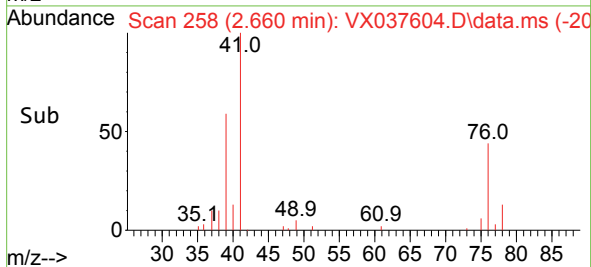
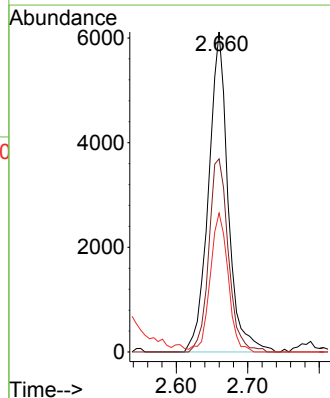
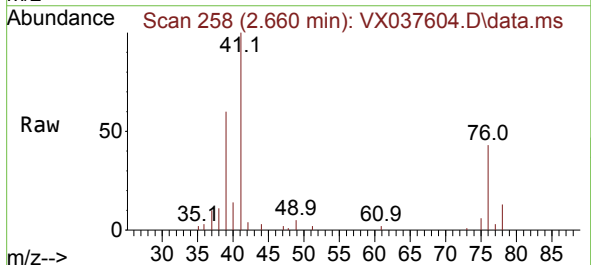
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

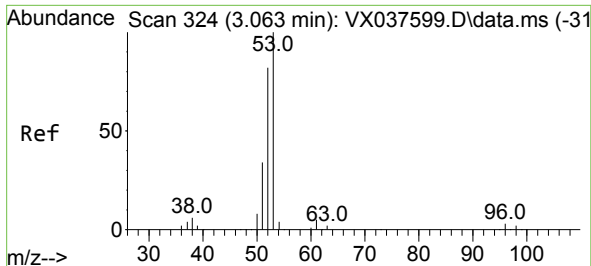
Tgt Ion: 56 Resp: 10891
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7



#14
Allyl chloride
Concen: 4.808 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 41 Resp: 11644
Ion Ratio Lower Upper
41 100
39 60.3 55.8 83.6
76 39.7 24.3 36.5

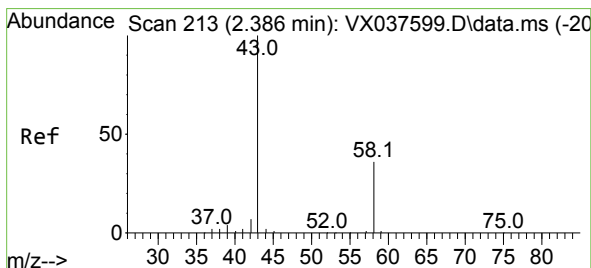
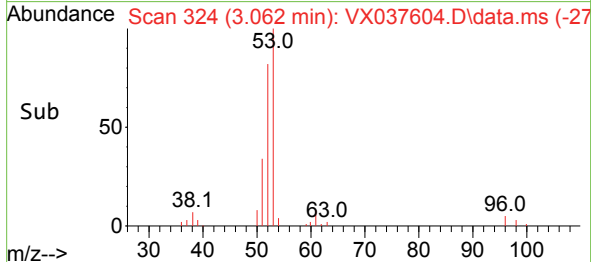
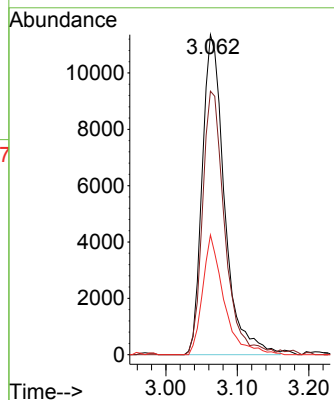
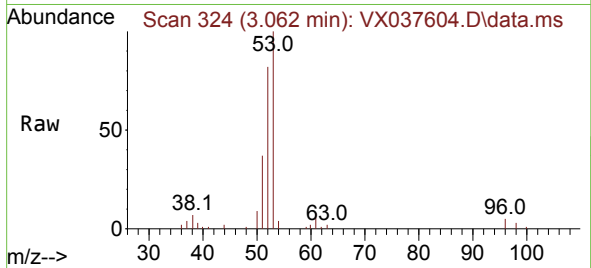




#15
Acrylonitrile
Concen: 23.236 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

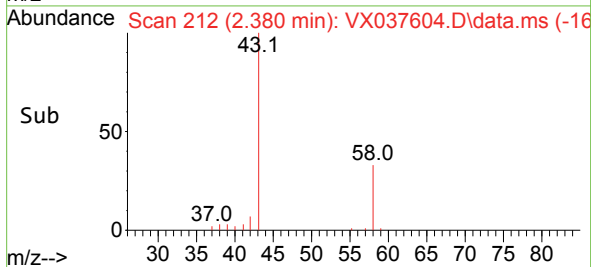
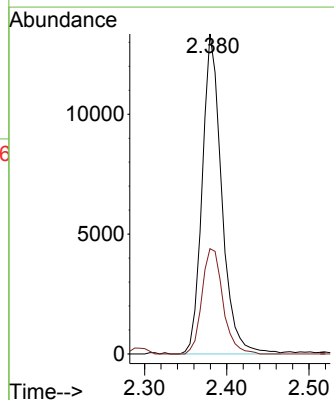
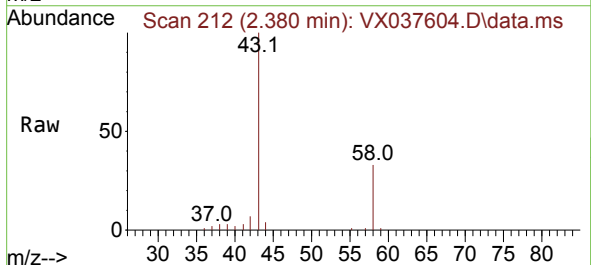
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

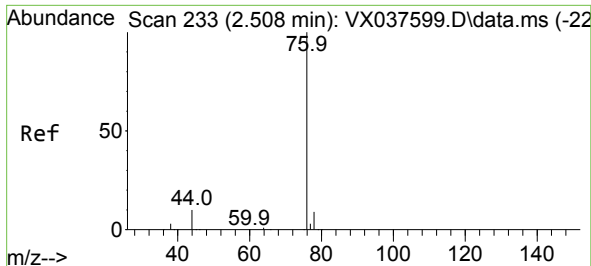
Tgt Ion: 53	Resp: 24609
Ion Ratio	Lower Upper
53 100	
52 82.0	66.0 99.0
51 35.7	29.8 44.6



#16
Acetone
Concen: 24.651 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 43	Resp: 22007
Ion Ratio	Lower Upper
43 100	
58 32.9	21.9 32.9#





#17

Carbon Disulfide

Concen: 4.630 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

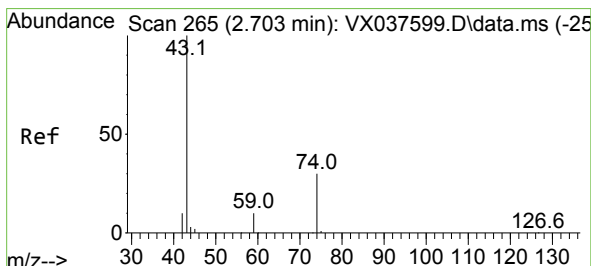
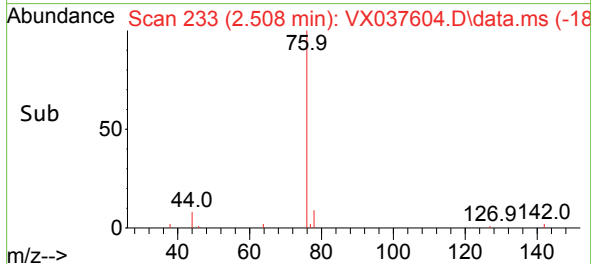
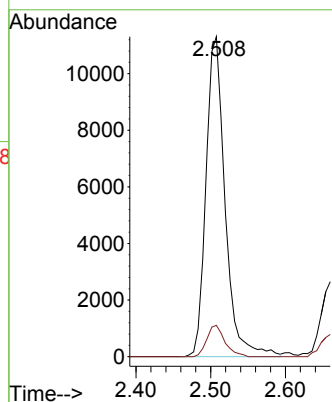
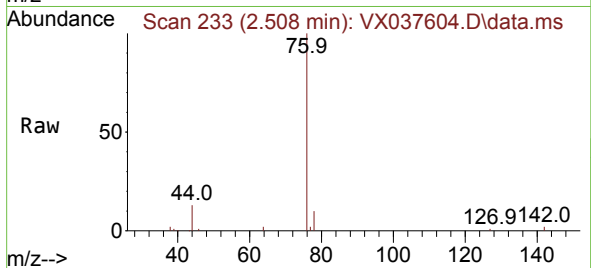
VSTDICC005

Tgt Ion: 76 Resp: 20027

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



#18

Methyl Acetate

Concen: 4.770 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037604.D

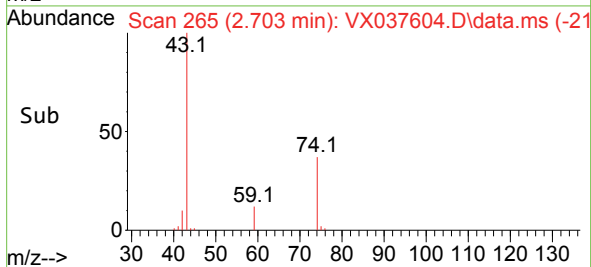
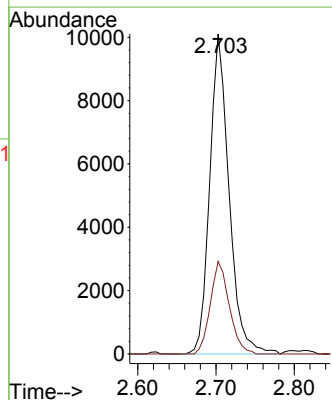
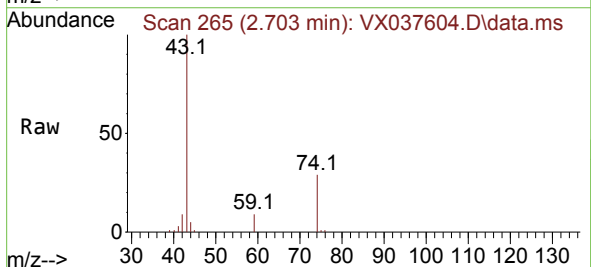
Acq: 08 Sep 2023 16:03

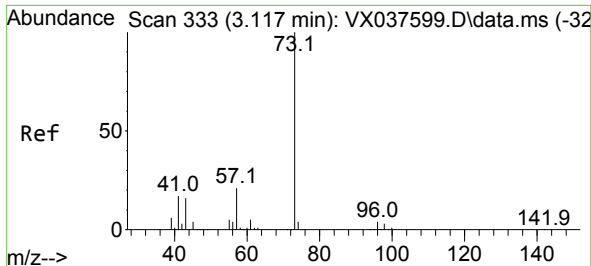
Tgt Ion: 43 Resp: 17276

Ion Ratio Lower Upper

43 100

74 28.4 17.8 26.8#

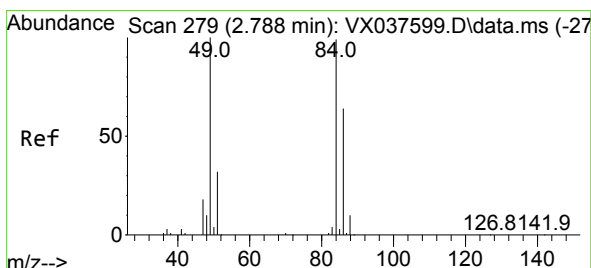
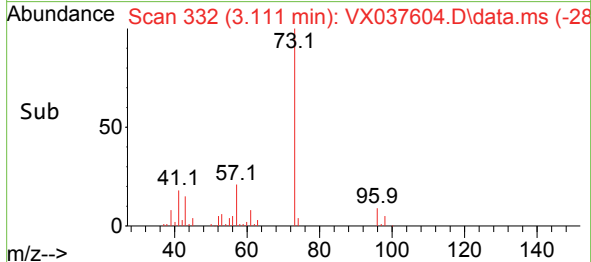
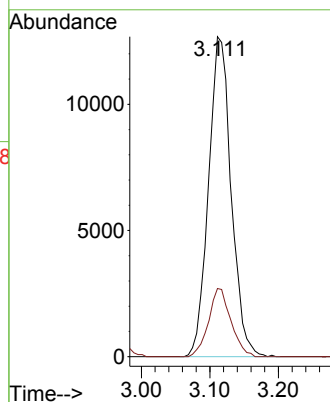
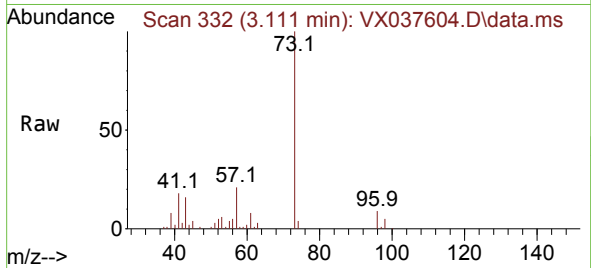




#19
Methyl tert-butyl Ether
Concen: 4.754 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

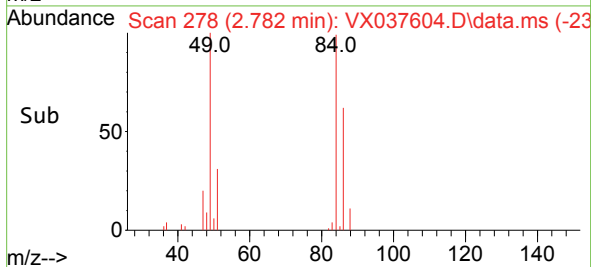
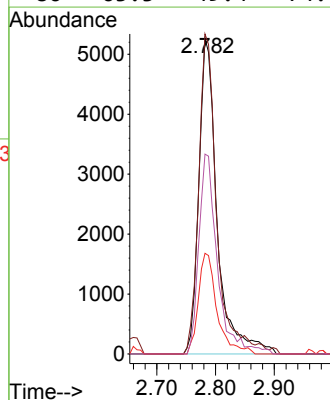
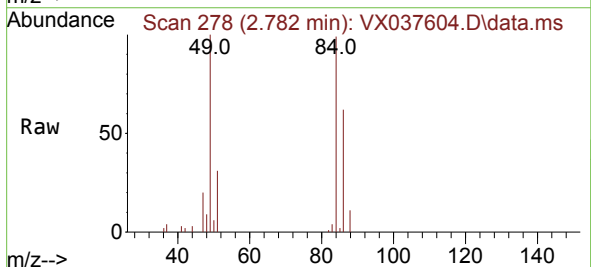
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

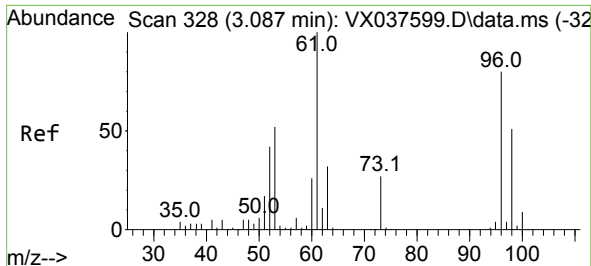
Tgt Ion: 73 Resp: 29105
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 4.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 84 Resp: 11441
Ion Ratio Lower Upper
84 100
49 101.4 103.6 155.4#
51 31.9 33.8 50.6#
86 63.3 49.4 74.0

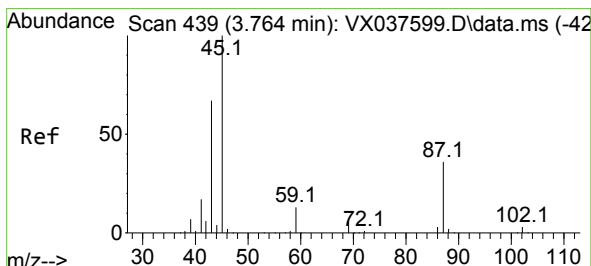
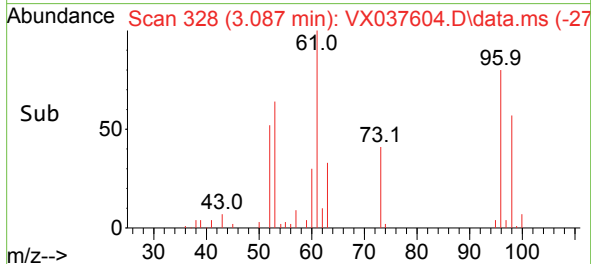
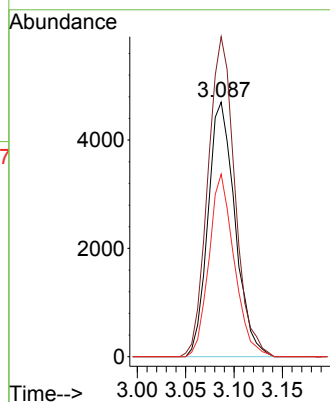
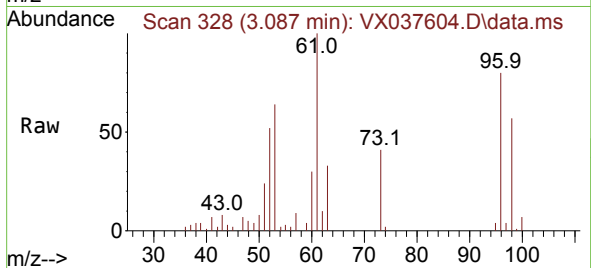




#21
trans-1,2-Dichloroethene
Concen: 4.739 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

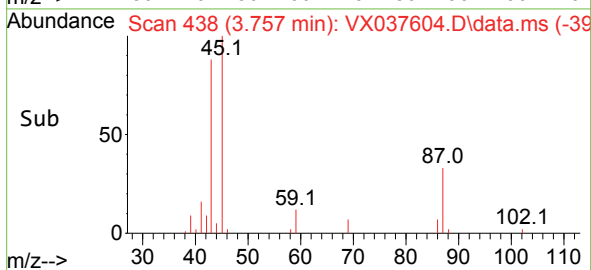
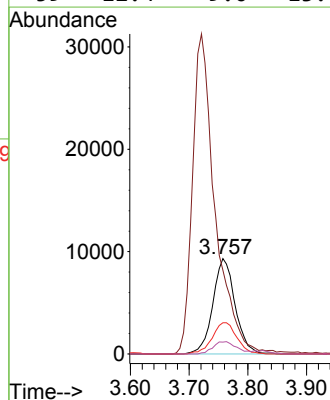
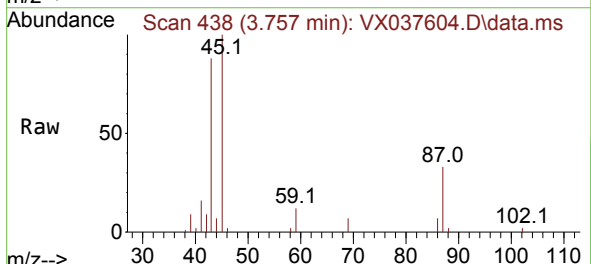
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

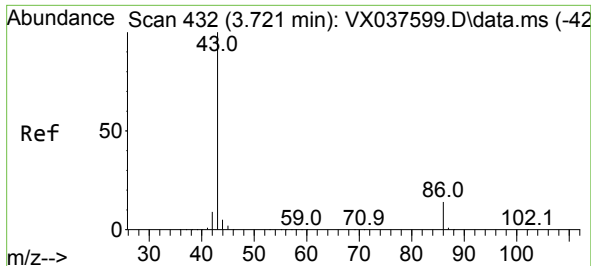
Tgt Ion: 96 Resp: 9142
Ion Ratio Lower Upper
96 100
61 125.7 119.2 178.8
98 71.7 48.7 73.1



#22
Diisopropyl ether
Concen: 4.778 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 45 Resp: 24501
Ion Ratio Lower Upper
45 100
43 85.3 69.7 104.5
87 32.7 20.8 31.2#
59 12.4 9.0 13.4

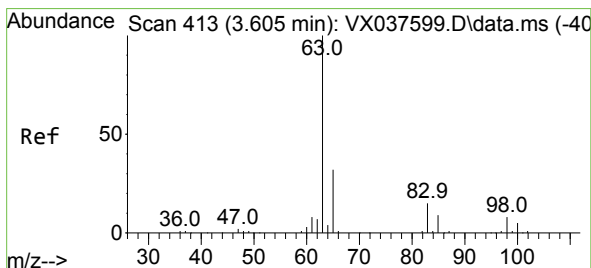
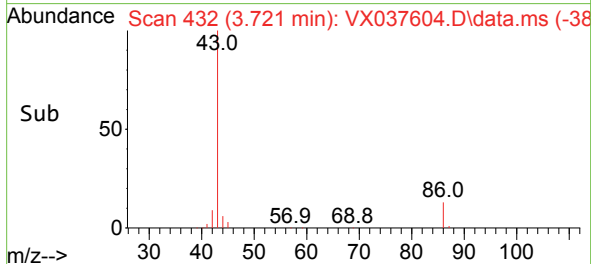
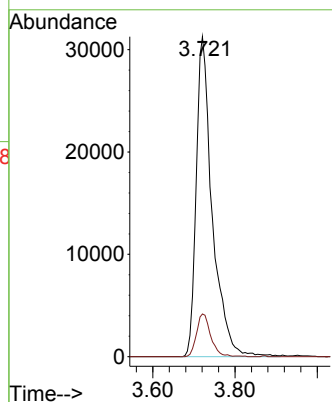
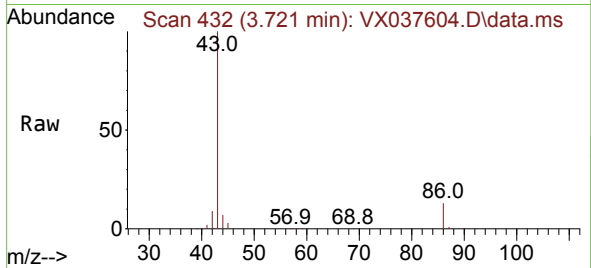




#23
 Vinyl Acetate
 Concen: 23.117 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

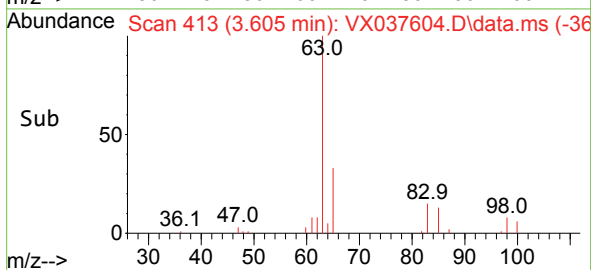
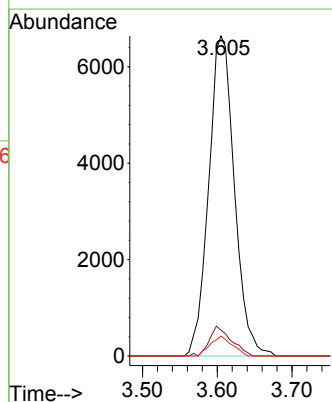
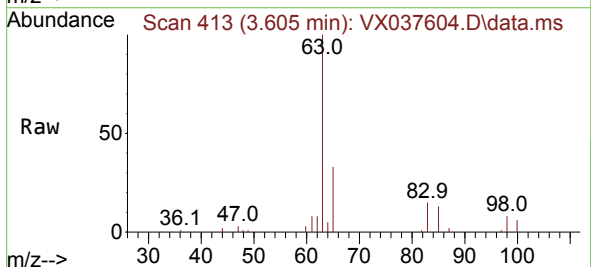
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

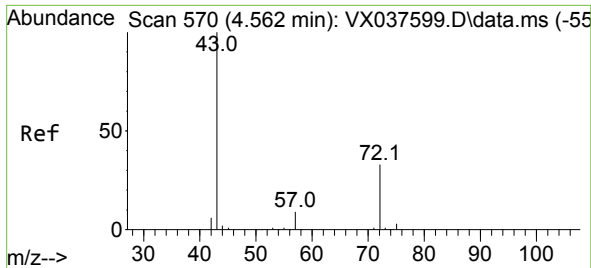
Tgt Ion: 43 Resp: 84628
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 4.752 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Tgt Ion: 63 Resp: 15881
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 6.2 2.1 6.5

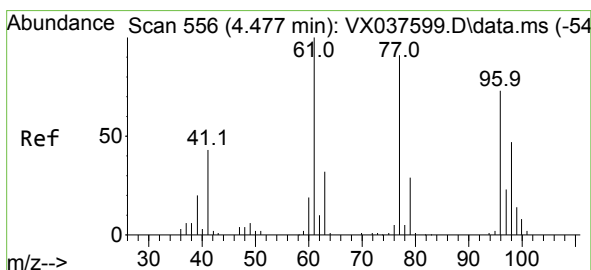
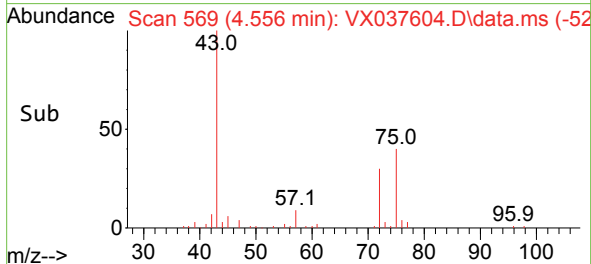
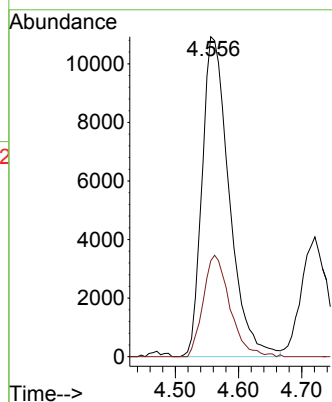
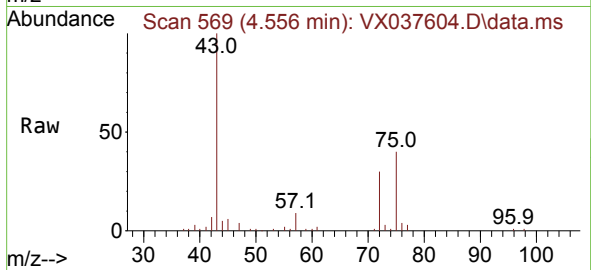




#25
2-Butanone
Concen: 24.063 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

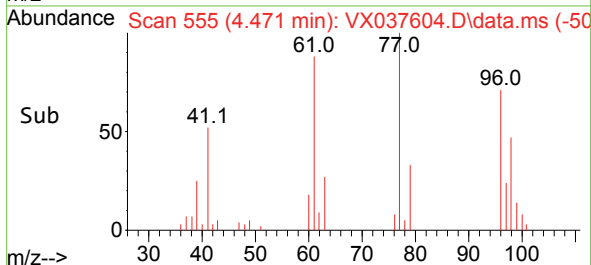
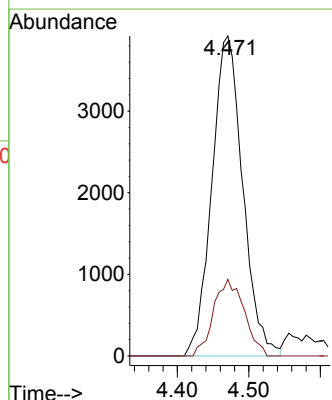
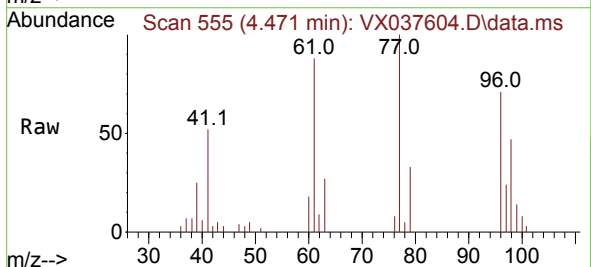
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

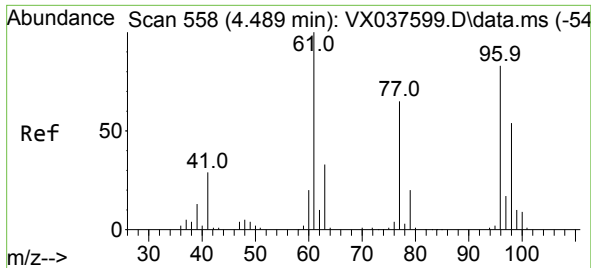
Tgt Ion: 43 Resp: 32580
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 4.769 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 77 Resp: 11750
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3

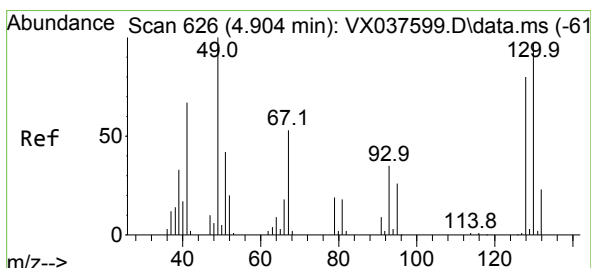
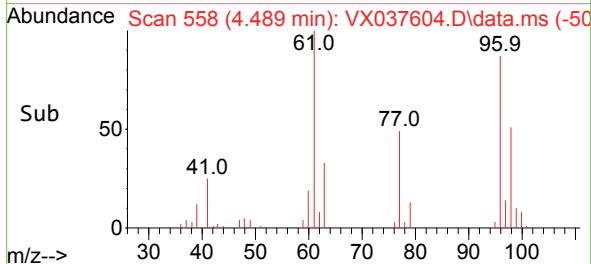
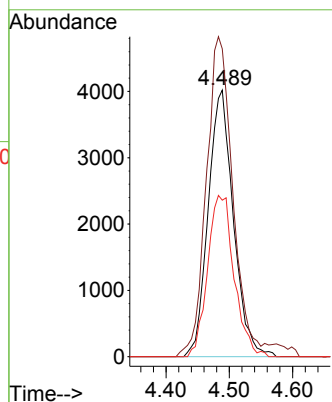
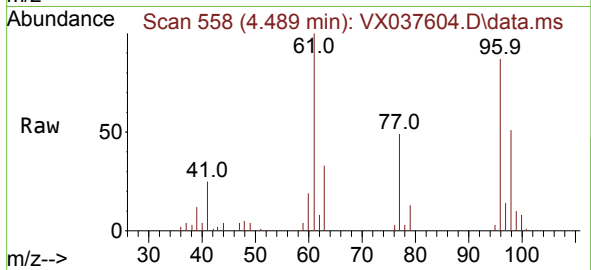




#27
 cis-1,2-Dichloroethene
 Concen: 4.843 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

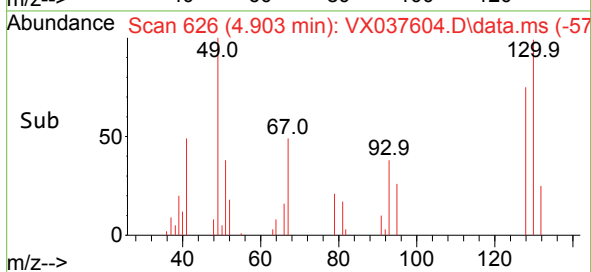
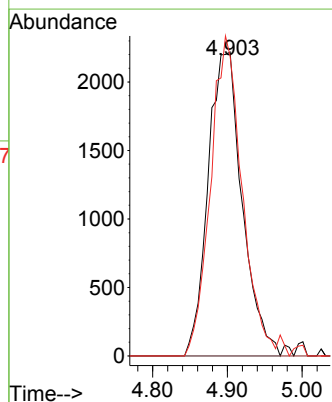
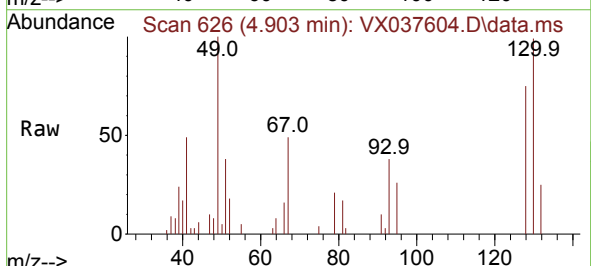
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

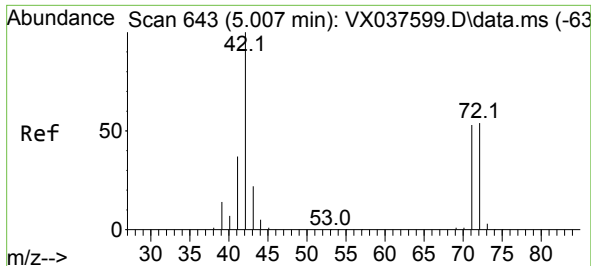
Tgt Ion: 96	Resp: 11133
Ion Ratio	Lower Upper
96 100	
61 126.5	0.0 312.2
98 63.5	0.0 129.0



#28
 Bromochloromethane
 Concen: 4.826 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Tgt Ion: 49	Resp: 7039
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 97.2	57.5 86.3#





#29

Tetrahydrofuran

Concen: 23.494 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

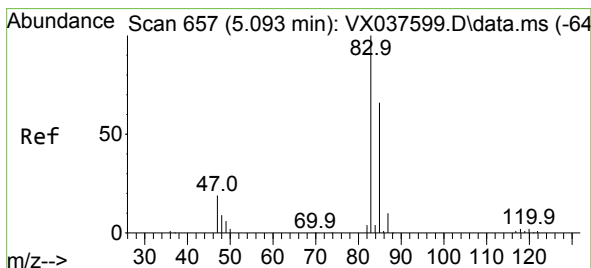
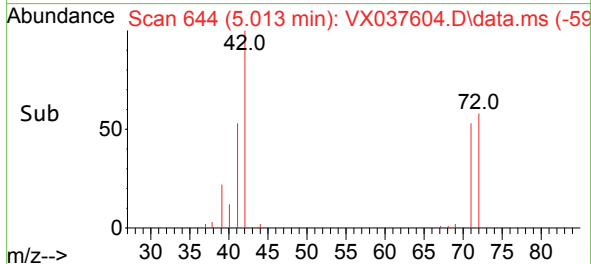
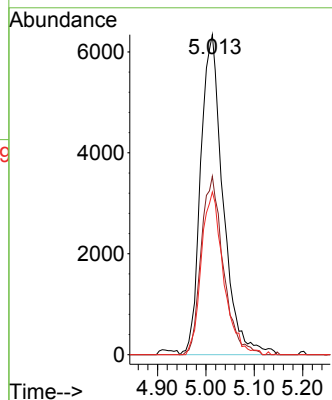
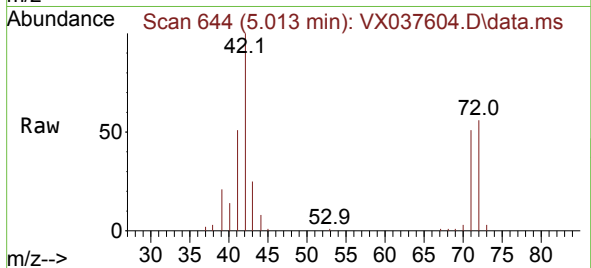
Tgt Ion: 42 Resp: 20378

Ion Ratio Lower Upper

42 100

72 55.3 34.2 51.4#

71 50.4 32.2 48.2#



#30

Chloroform

Concen: 4.731 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037604.D

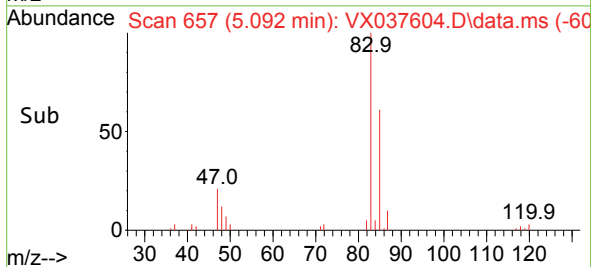
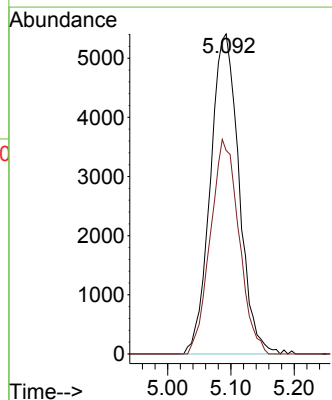
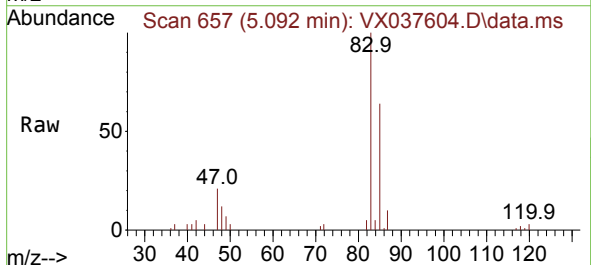
Acq: 08 Sep 2023 16:03

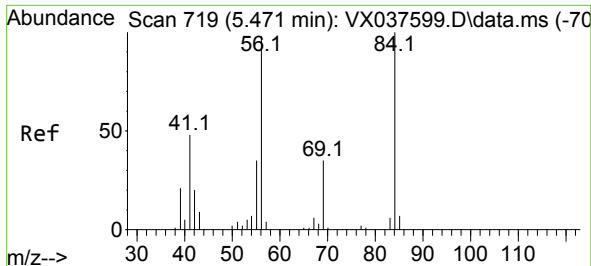
Tgt Ion: 83 Resp: 16963

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

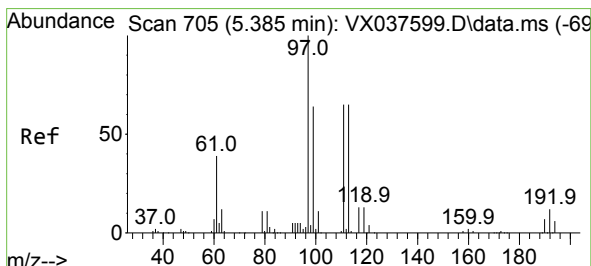
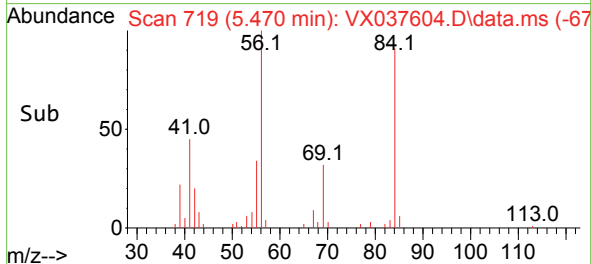
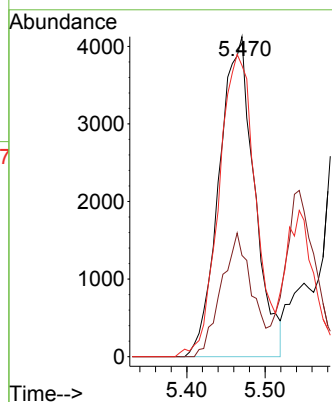
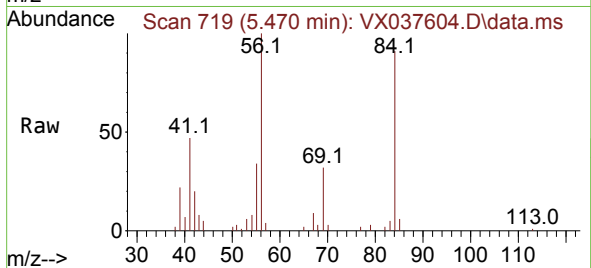




#31
Cyclohexane
Concen: 4.881 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

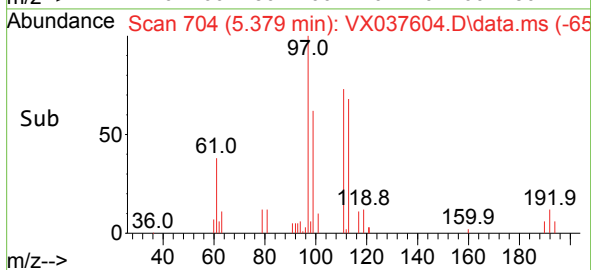
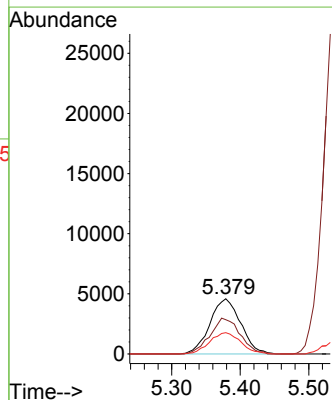
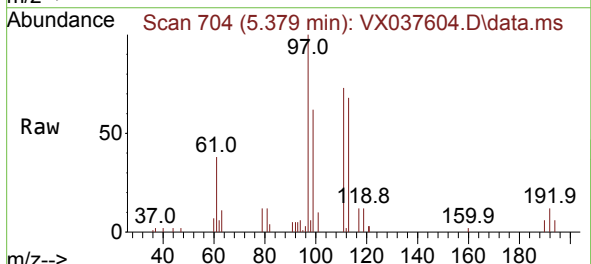
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

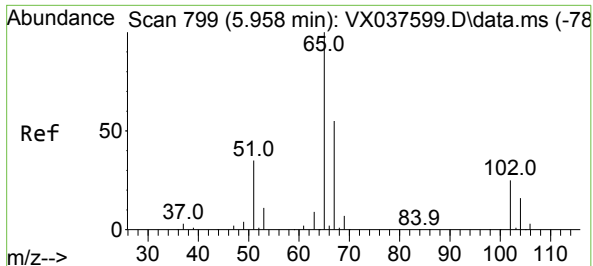
Tgt Ion: 56	Resp: 12893
Ion Ratio	Lower Upper
56 100	
69 31.7	23.4 35.2
84 89.8	65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 4.623 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 97	Resp: 14278
Ion Ratio	Lower Upper
97 100	
99 63.3	51.1 76.7
61 39.0	36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.039 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

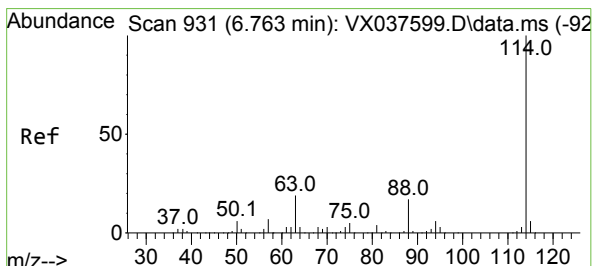
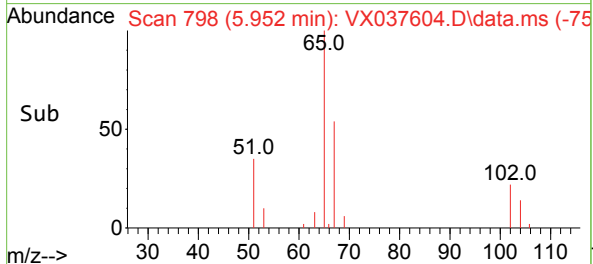
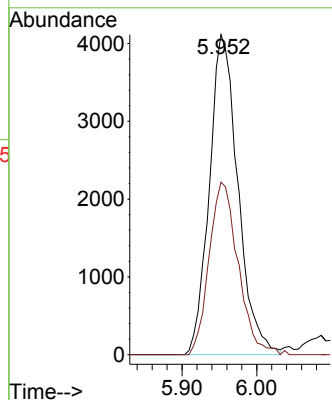
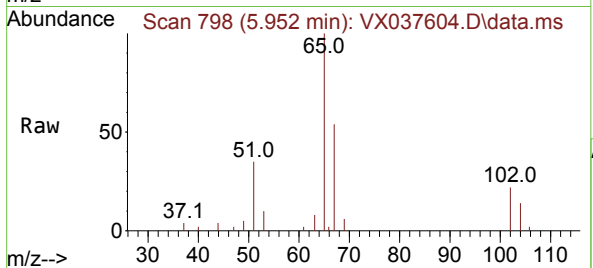
VSTDIC005

Tgt Ion: 65 Resp: 10938

Ion Ratio Lower Upper

65 100

67 54.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

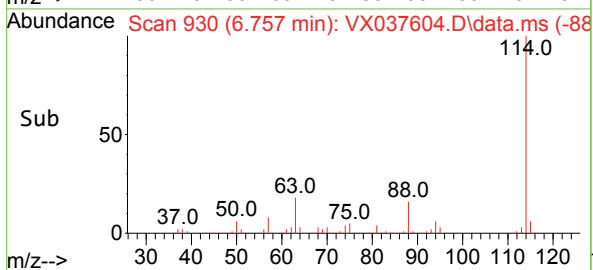
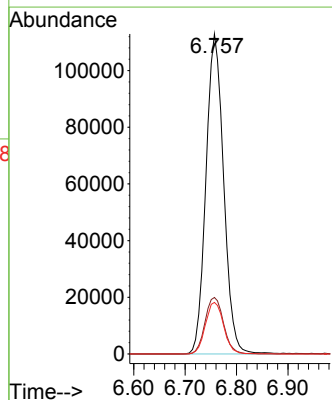
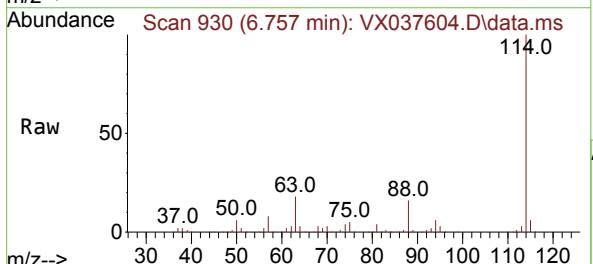
Tgt Ion: 114 Resp: 269994

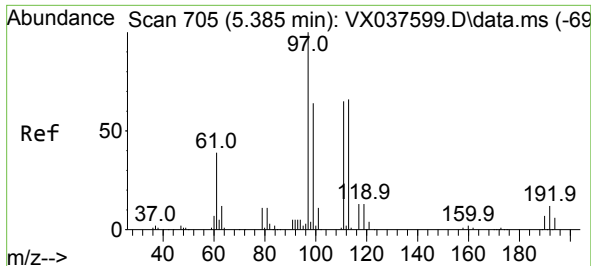
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

88 16.1 0.0 36.6

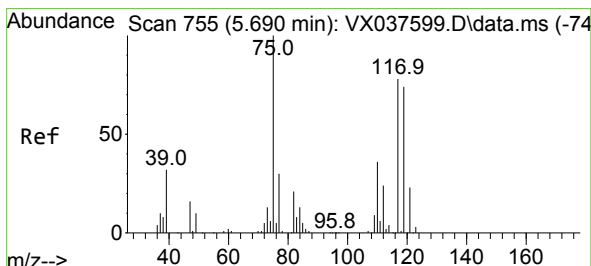
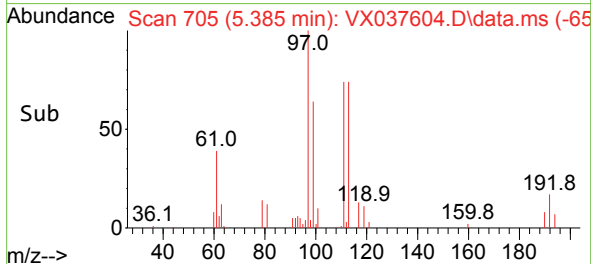
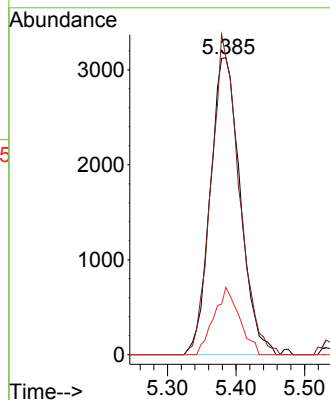
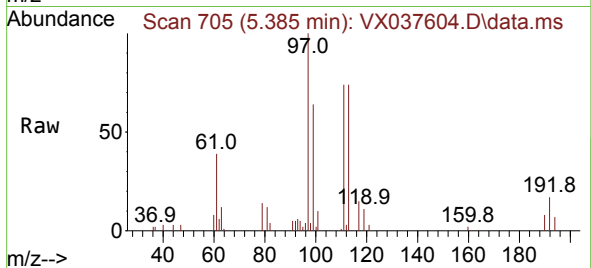




#35
Dibromofluoromethane
Concen: 5.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

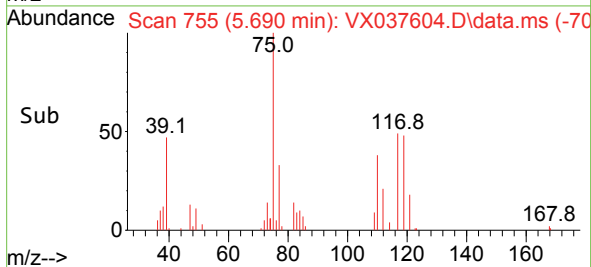
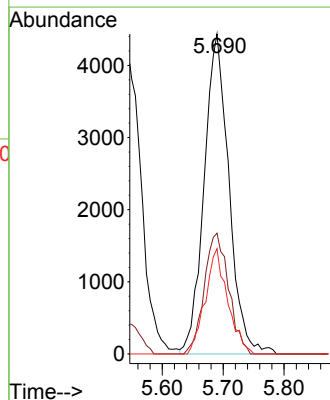
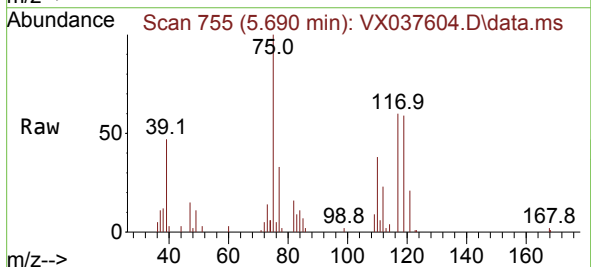
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

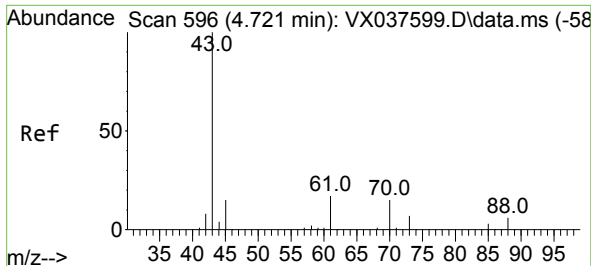
Tgt Ion:113 Resp: 9480
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 75 Resp: 12567
Ion Ratio Lower Upper
75 100
110 37.0 17.0 50.9
77 29.6 24.7 37.1

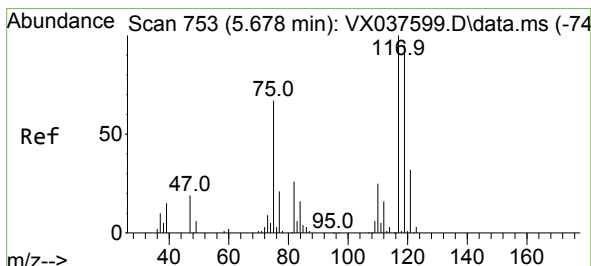
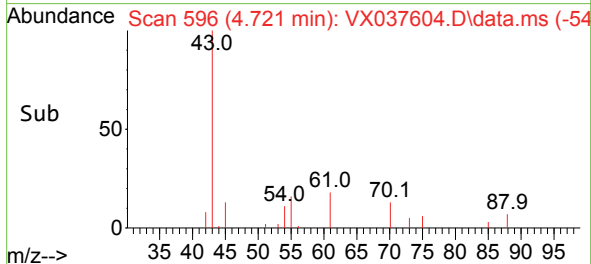
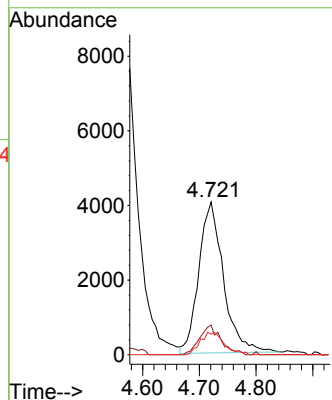
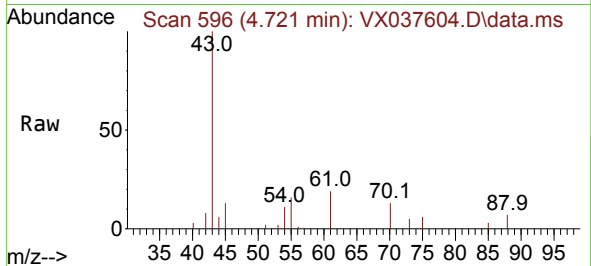




#37
Ethyl Acetate
Concen: 4.788 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

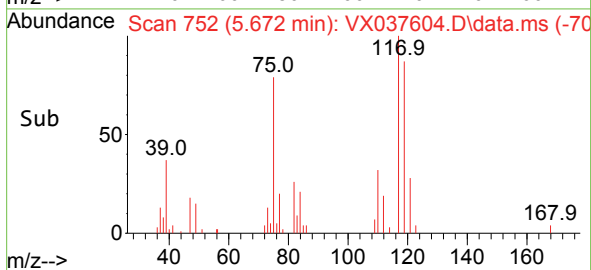
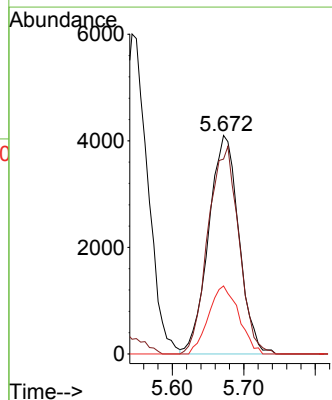
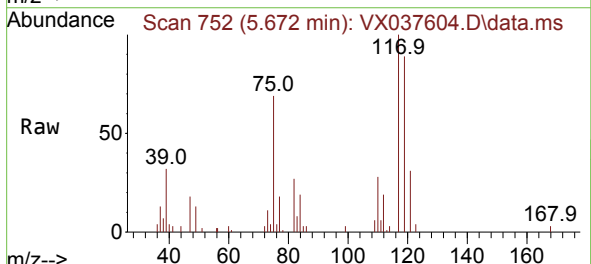
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

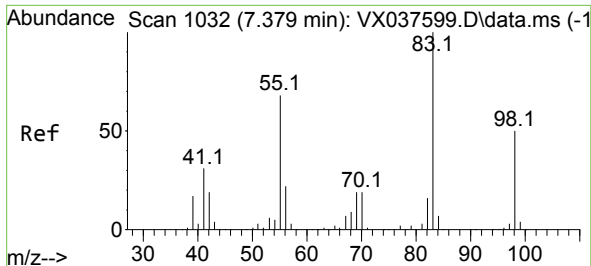
Tgt Ion: 43 Resp: 12247
Ion Ratio Lower Upper
43 100
61 16.9 10.6 16.0#
70 14.3 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 4.684 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 117 Resp: 12077
Ion Ratio Lower Upper
117 100
119 89.2 78.2 117.2
121 31.1 24.4 36.6

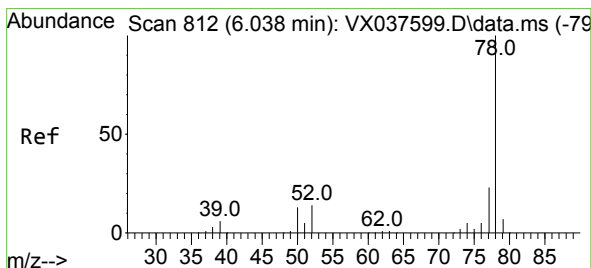
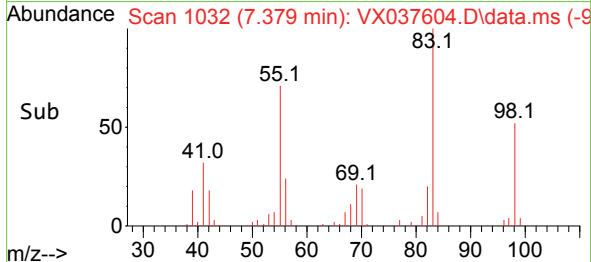
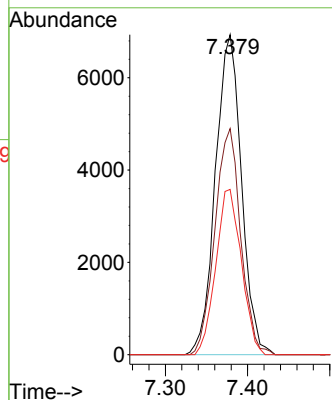
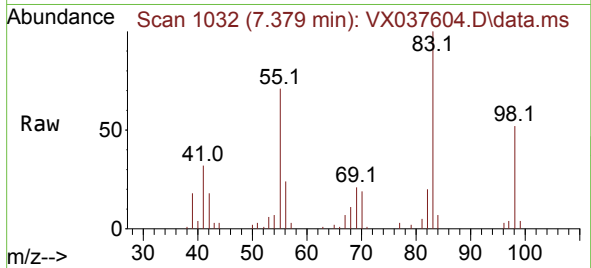




#39
Methylcyclohexane
Concen: 5.025 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

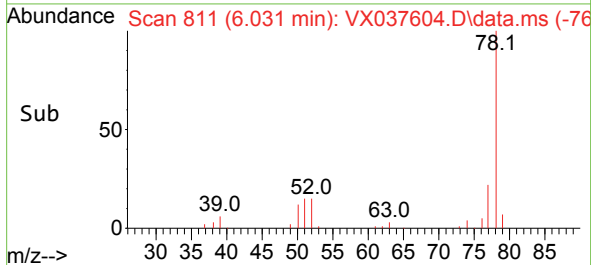
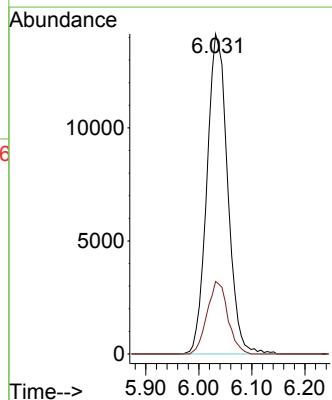
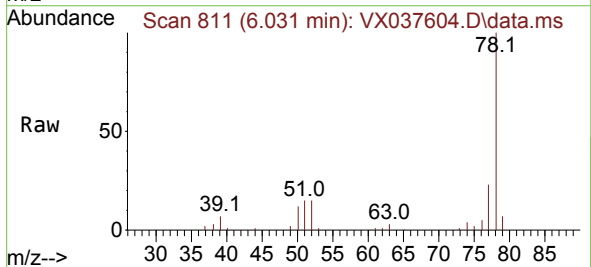
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

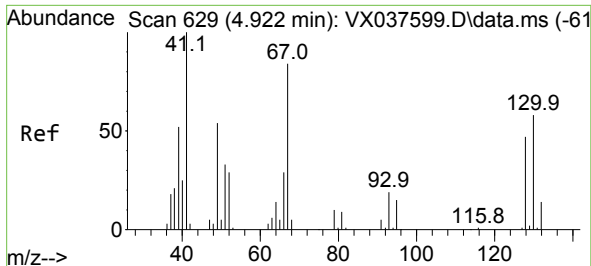
Tgt Ion: 83 Resp: 15286
Ion Ratio Lower Upper
83 100
55 70.7 64.6 97.0
98 51.7 36.7 55.1



#40
Benzene
Concen: 5.004 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 78 Resp: 38415
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9

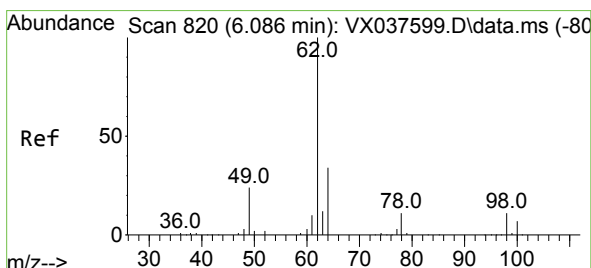
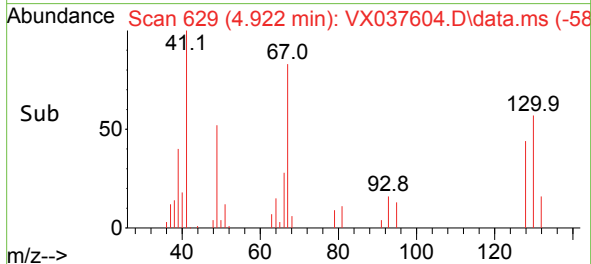
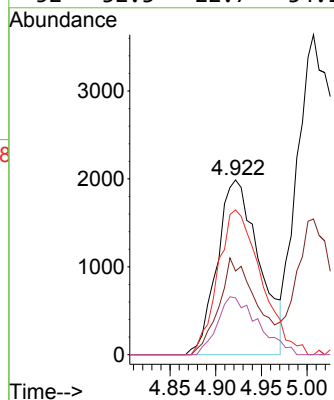
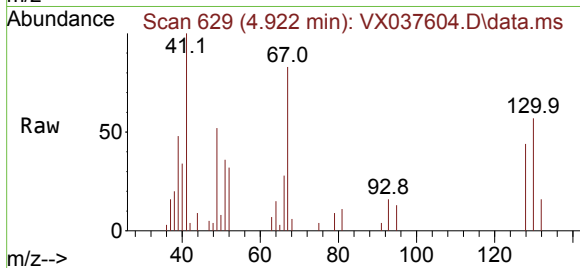




#41
Methacrylonitrile
Concen: 4.877 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

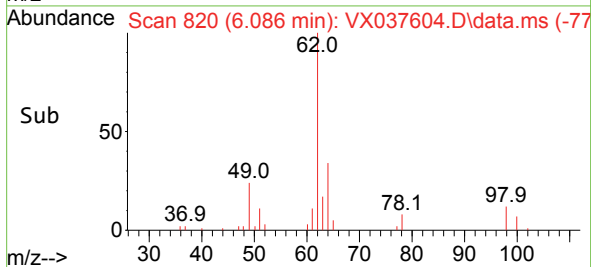
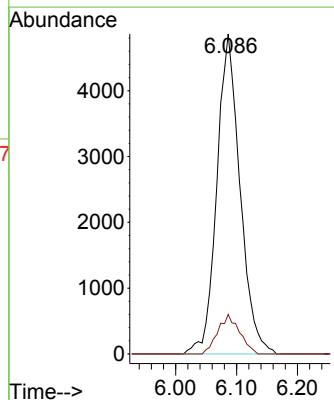
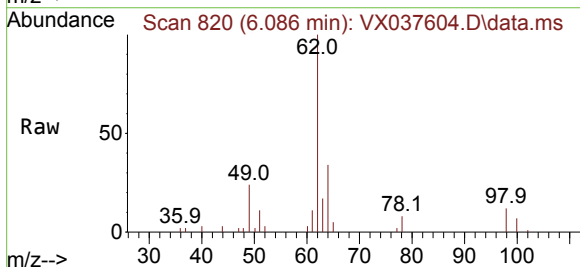
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

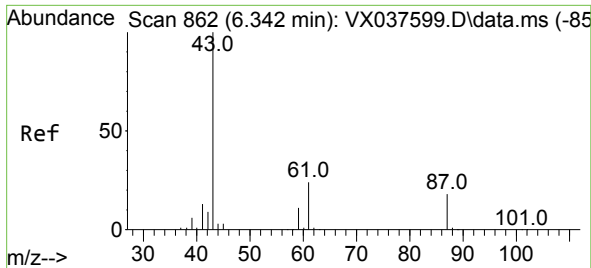
Tgt Ion:	41	Resp:	6355
Ion	Ratio	Lower	Upper
41	100		
39	48.9	45.2	67.8
67	85.7	52.6	78.8#
52	32.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 4.998 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:	62	Resp:	12846
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	16.0

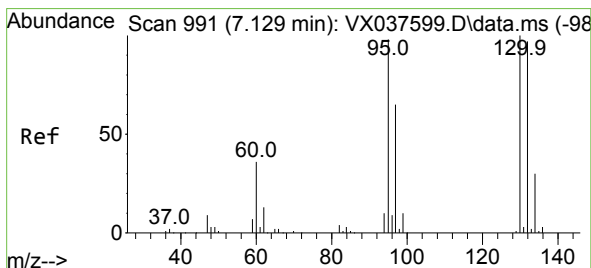
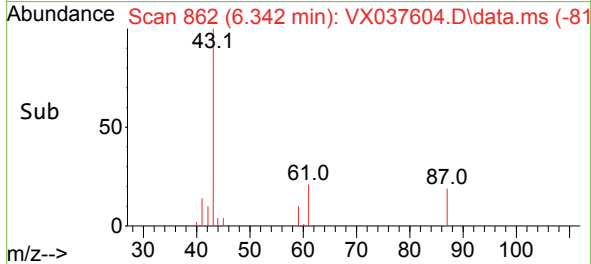
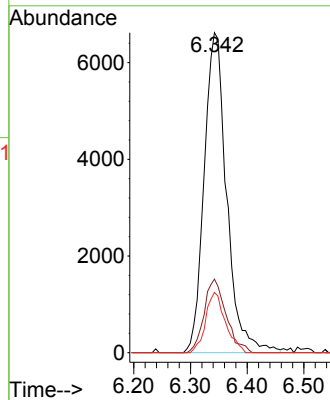
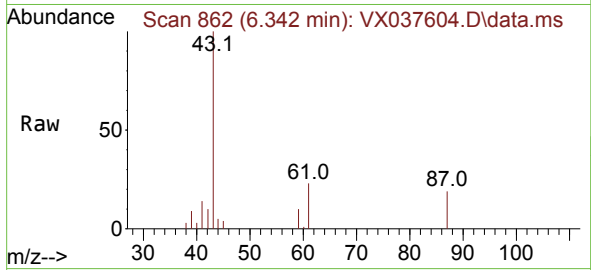




#43
Isopropyl Acetate
Concen: 4.783 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

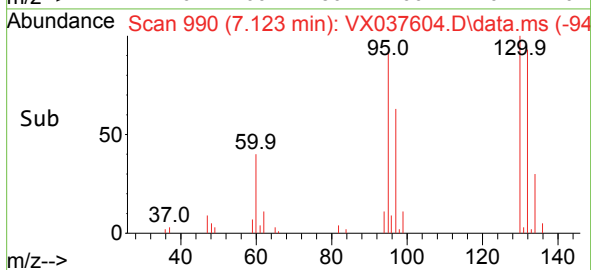
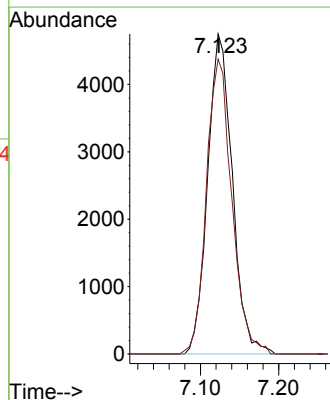
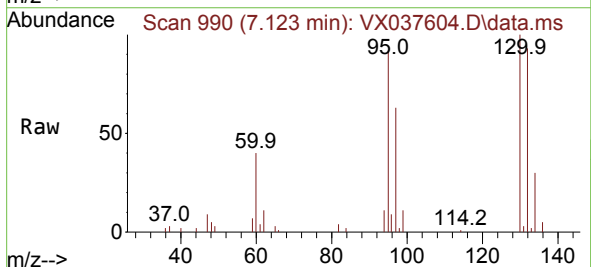
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

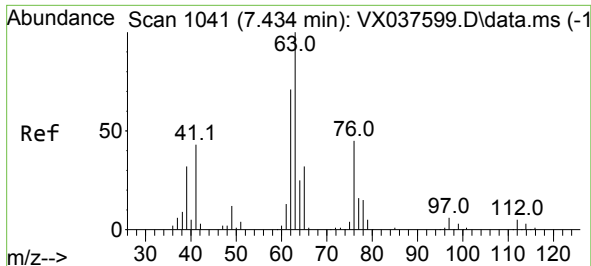
Tgt Ion: 43 Resp: 18325
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 16.6 9.8 14.6#



#44
Trichloroethene
Concen: 4.928 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:130 Resp: 10390
Ion Ratio Lower Upper
130 100
95 92.1 0.0 204.4

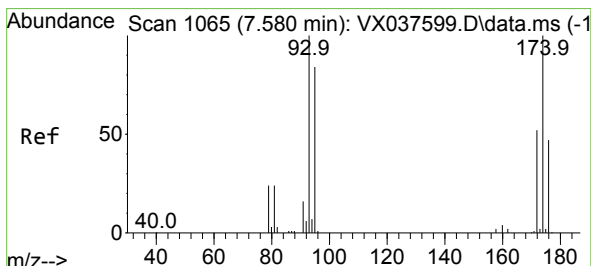
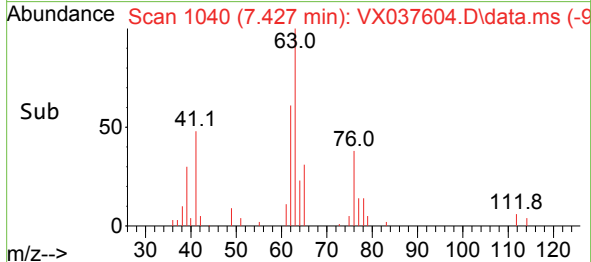
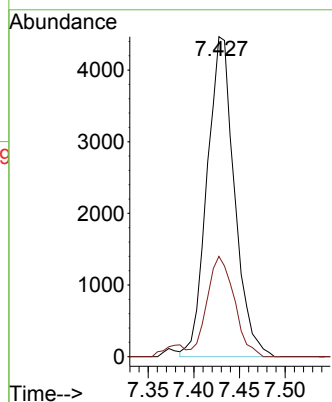
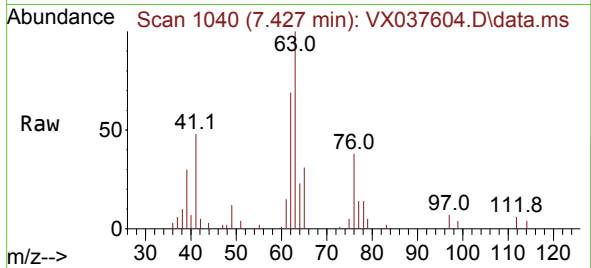




#45
1,2-Dichloropropane
Concen: 4.945 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

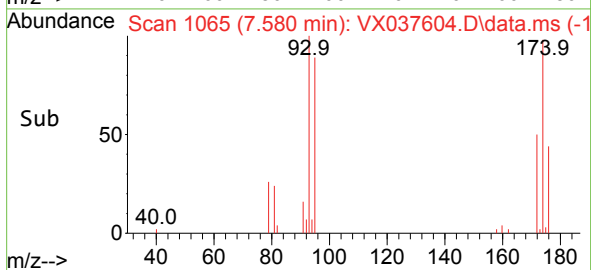
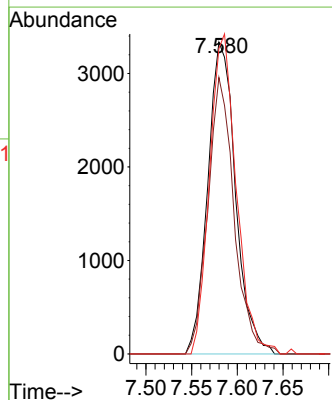
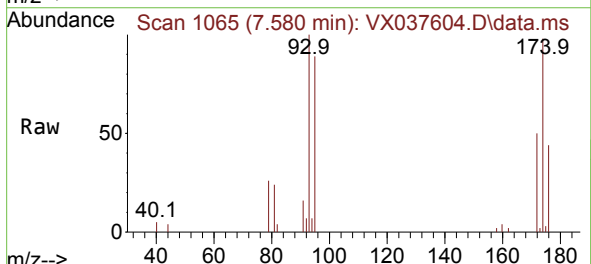
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

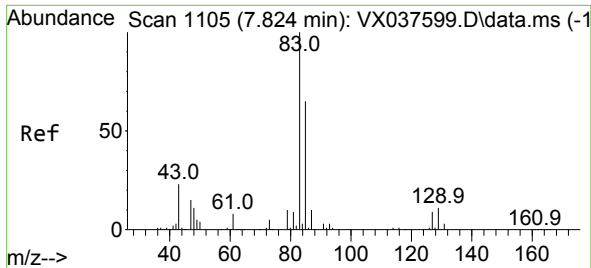
Tgt Ion: 63 Resp: 9297
Ion Ratio Lower Upper
63 100
65 31.3 24.3 36.5



#46
Dibromomethane
Concen: 4.992 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 93 Resp: 7043
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 98.8 69.4 104.0

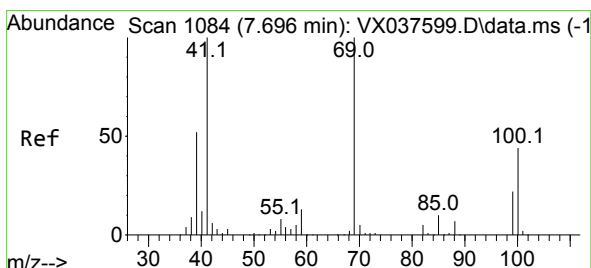
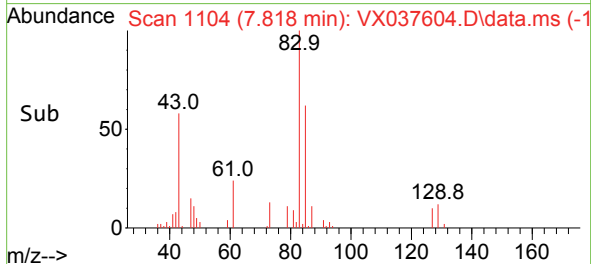
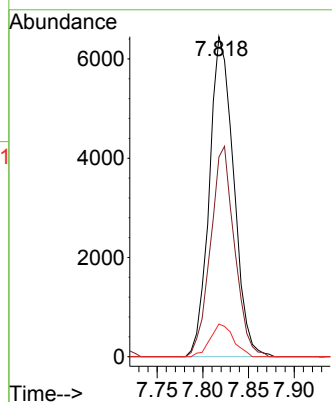
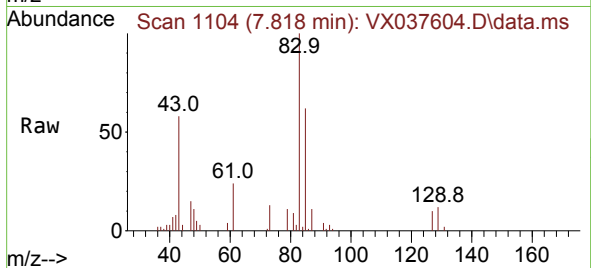




#47
Bromodichloromethane
Concen: 4.629 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

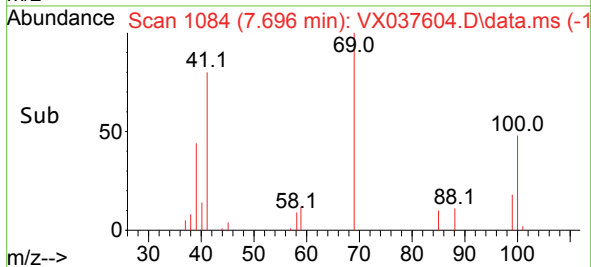
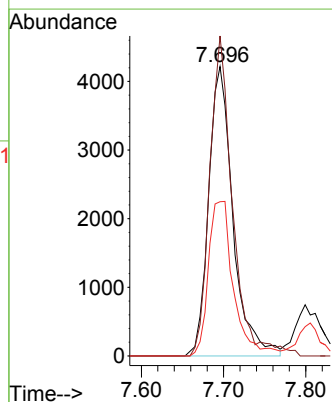
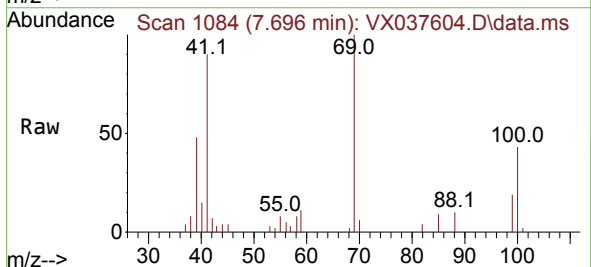
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

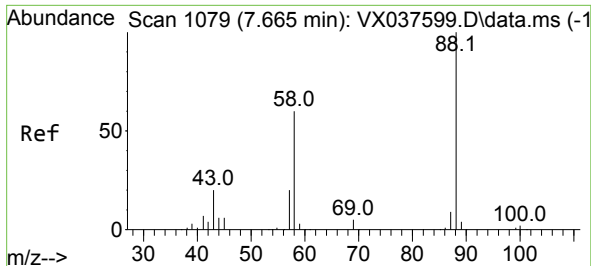
Tgt Ion: 83 Resp: 11934
Ion Ratio Lower Upper
83 100
85 62.4 49.8 74.6
127 10.2 7.1 10.7



#48
Methyl methacrylate
Concen: 4.722 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 41 Resp: 8659
Ion Ratio Lower Upper
41 100
69 103.7 59.2 88.8#
39 55.1 47.7 71.5

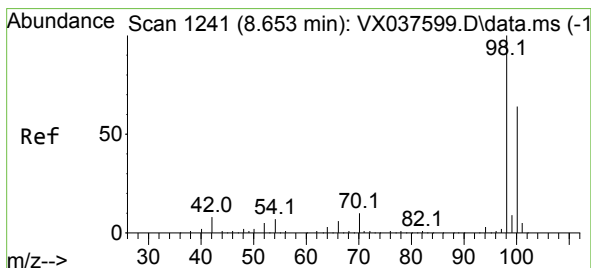
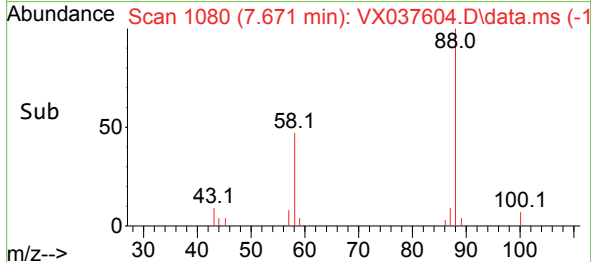
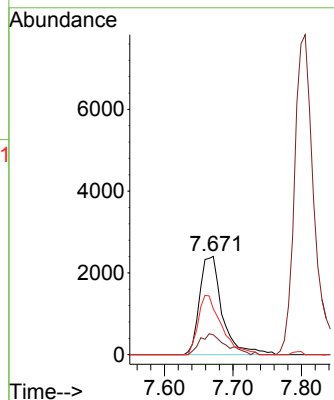
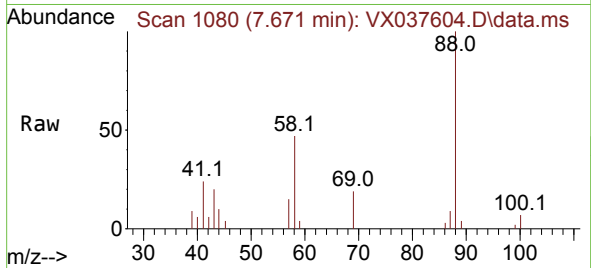




#49
1,4-Dioxane
Concen: 96.326 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

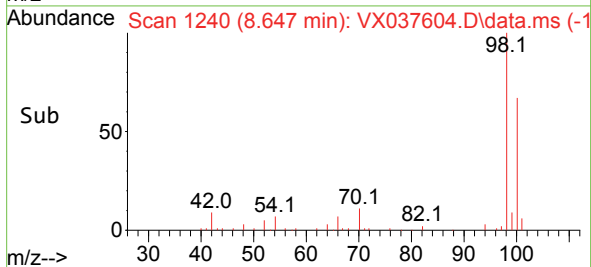
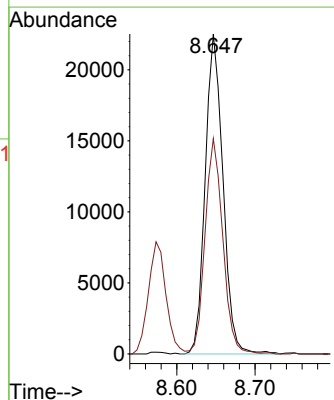
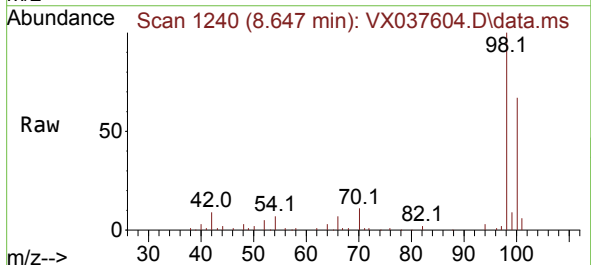
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

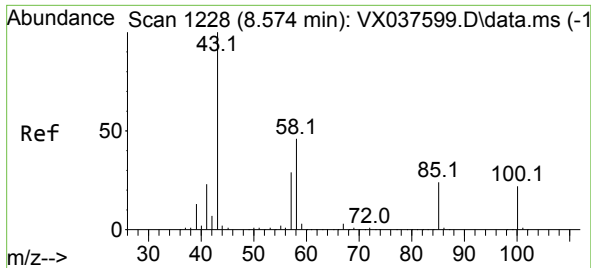
Tgt Ion: 88 Resp: 5542
Ion Ratio Lower Upper
88 100
43 24.4 0.0 0.0#
58 61.5 60.1 90.1



#50
Toluene-d8
Concen: 5.112 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 98 Resp: 35410
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7

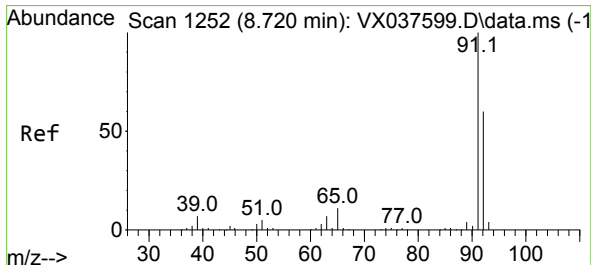
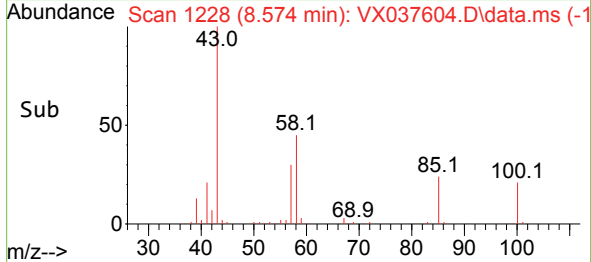
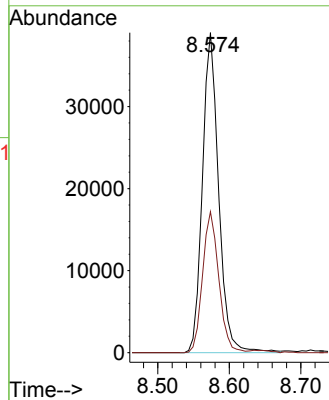
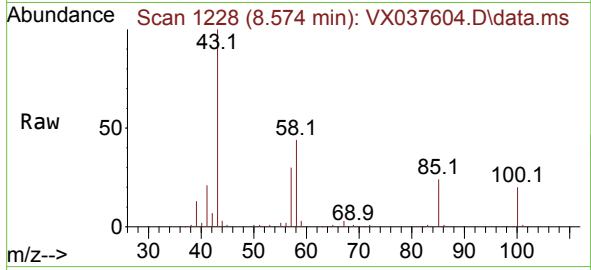




#51
4-Methyl-2-Pentanone
Concen: 25.211 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

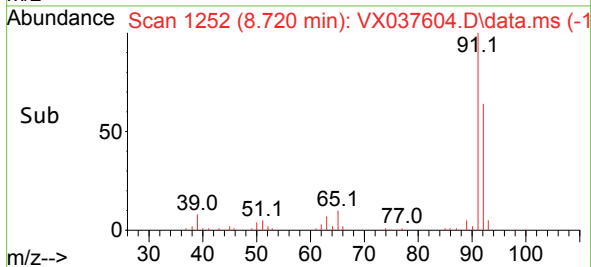
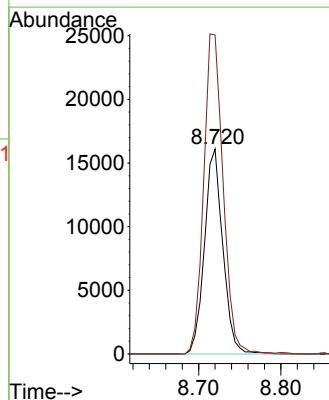
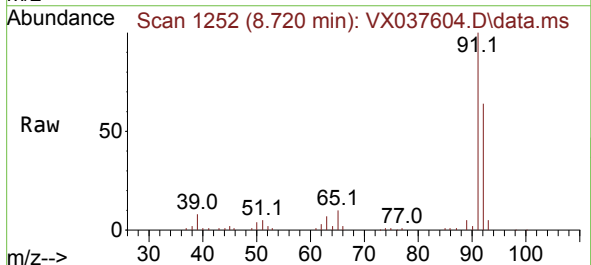
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

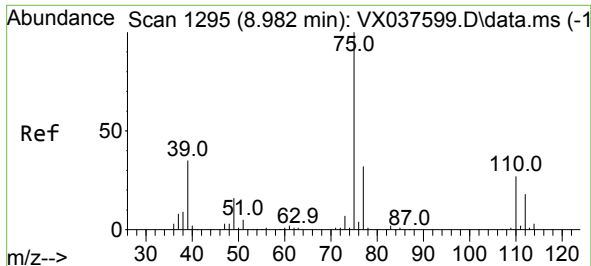
Tgt Ion: 43 Resp: 61431
Ion Ratio Lower Upper
43 100
58 44.0 30.4 45.6



#52
Toluene
Concen: 5.006 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 92 Resp: 24960
Ion Ratio Lower Upper
92 100
91 164.9 134.2 201.2

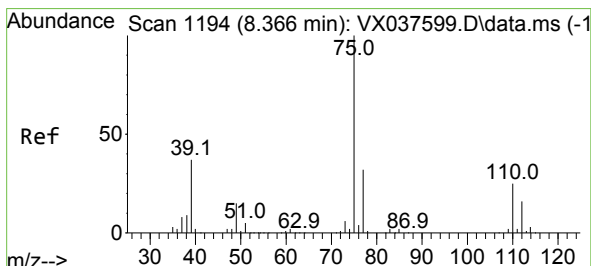
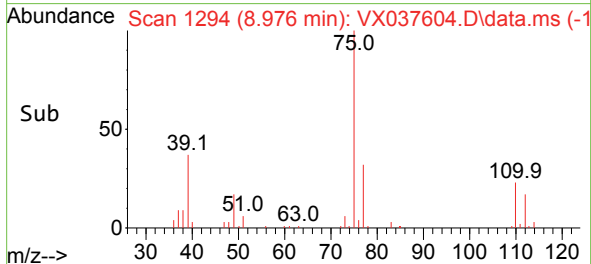
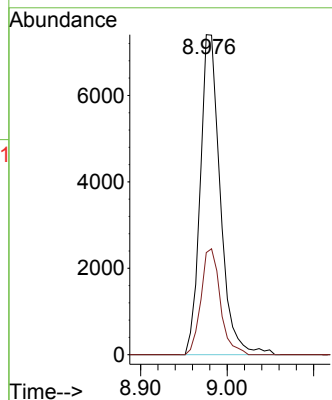
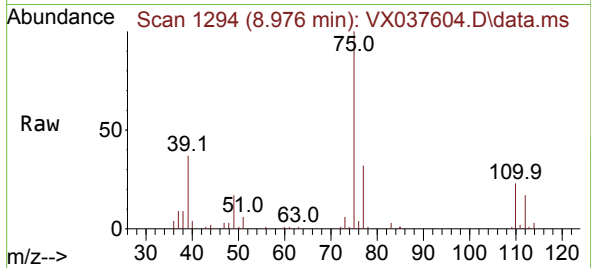




#53
 t-1,3-Dichloropropene
 Concen: 4.441 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

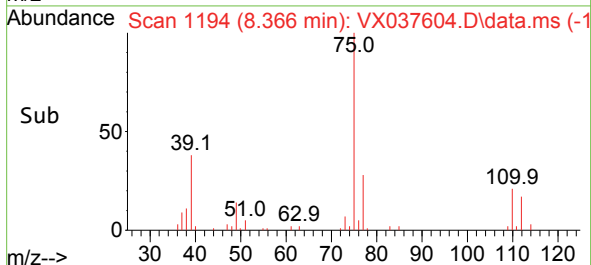
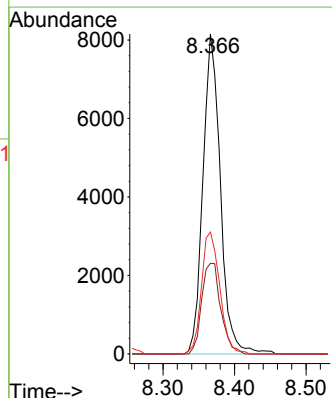
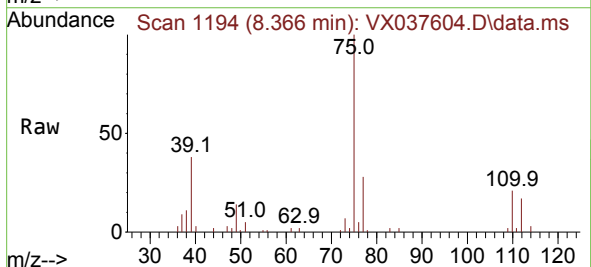
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

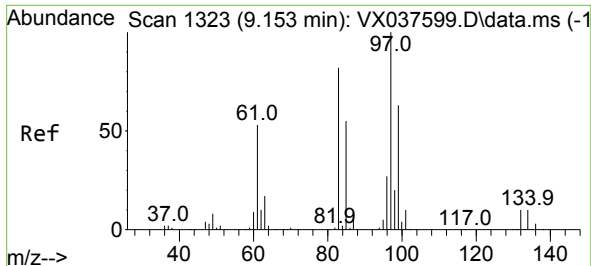
Tgt Ion: 75 Resp: 11888
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.646 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Tgt Ion: 75 Resp: 13837
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.3 37.9
 39 38.1 46.7 70.1#

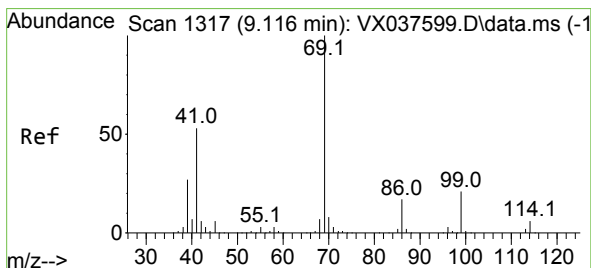
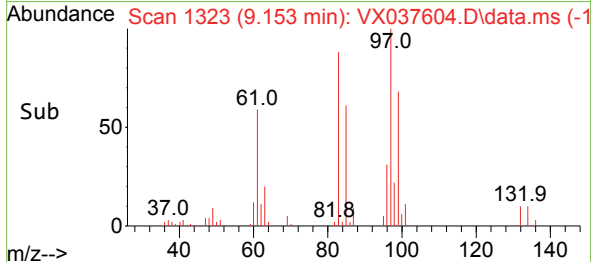
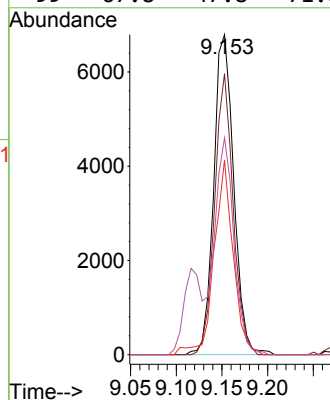
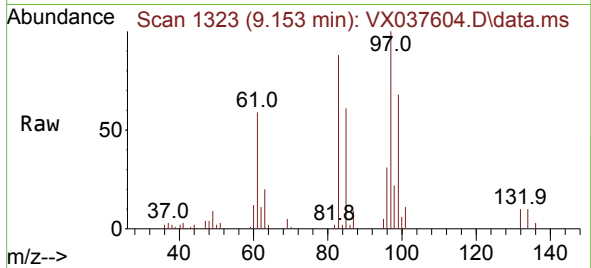




#55
1,1,2-Trichloroethane
Concen: 4.994 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

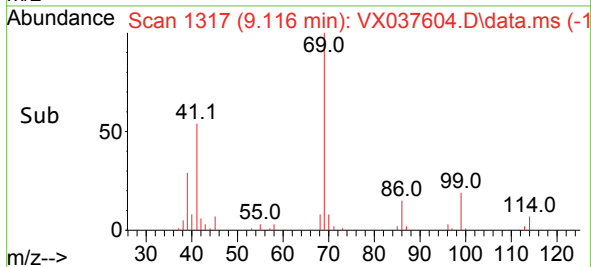
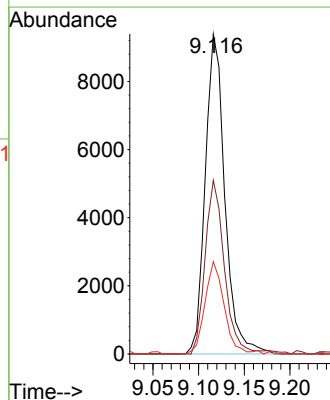
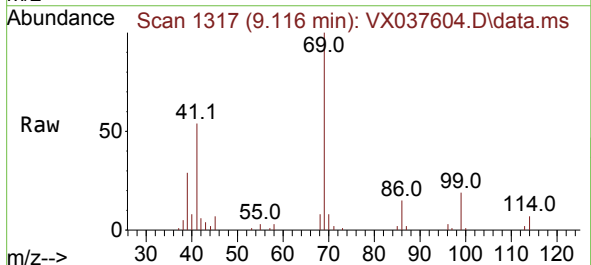
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

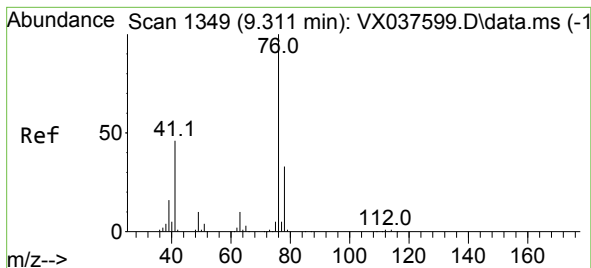
Tgt Ion:	97	Resp:	10353
Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.8	98.8
85	60.9	41.6	62.4
99	67.8	47.8	71.8



#56
Ethyl methacrylate
Concen: 4.625 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:	69	Resp:	13969
Ion	Ratio	Lower	Upper
69	100		
41	54.0	56.8	85.2#
39	28.4	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 5.001 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

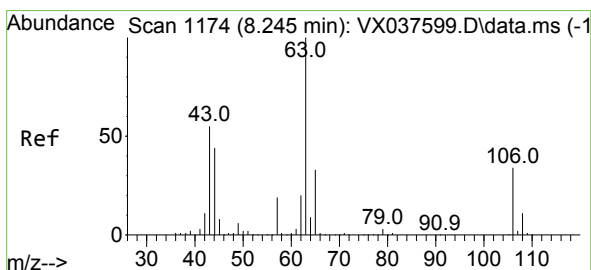
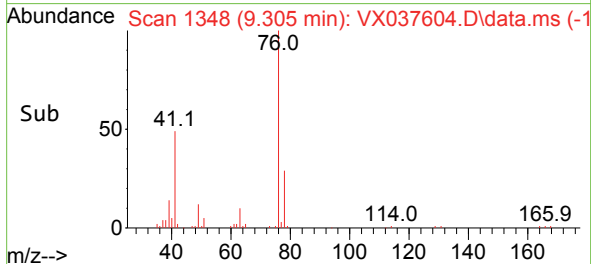
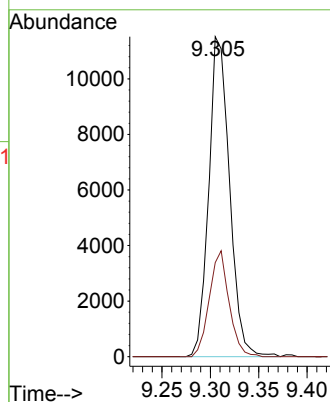
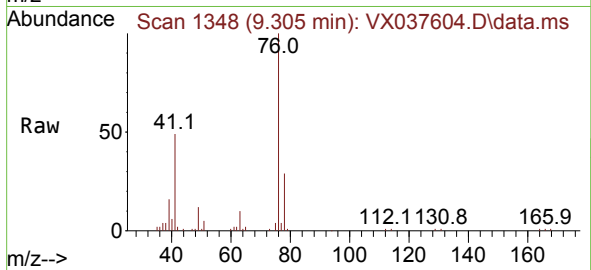
VSTDICC005

Tgt Ion: 76 Resp: 17278

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 24.313 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037604.D

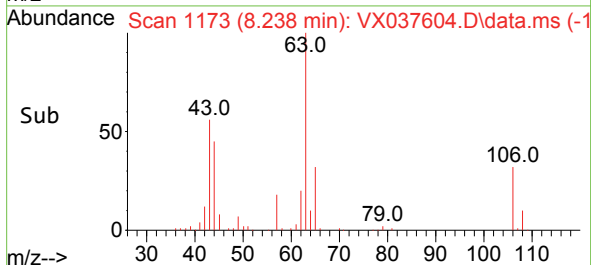
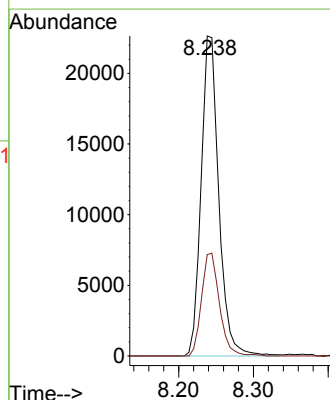
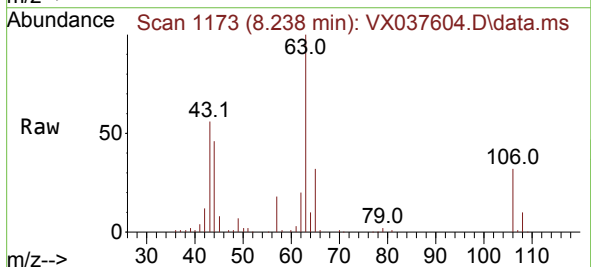
Acq: 08 Sep 2023 16:03

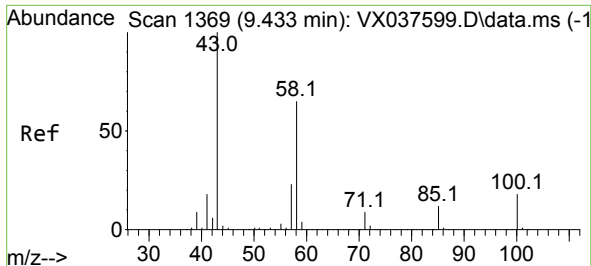
Tgt Ion: 63 Resp: 37155

Ion Ratio Lower Upper

63 100

106 32.6 22.5 33.7





#59

2-Hexanone

Concen: 24.999 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

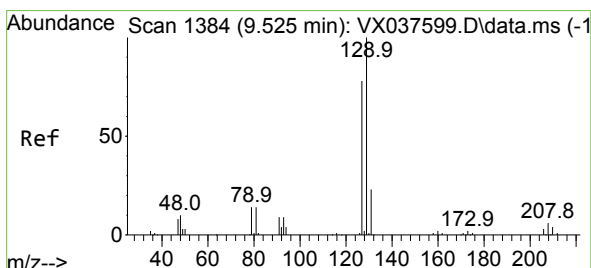
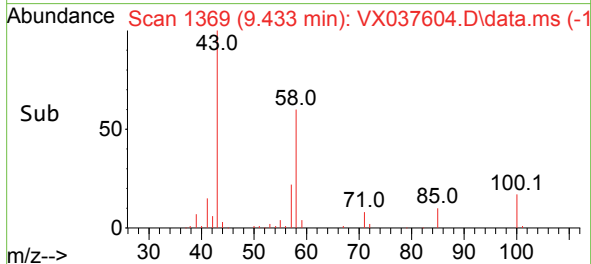
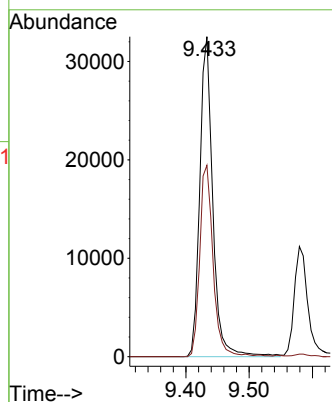
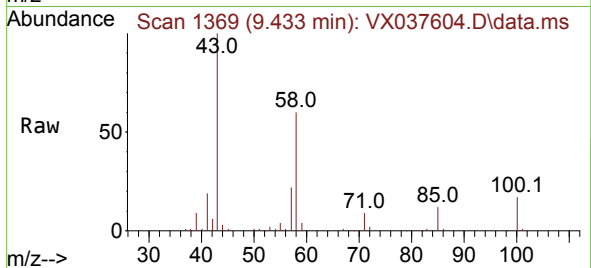
VSTDICC005

Tgt Ion: 43 Resp: 46459

Ion Ratio Lower Upper

43 100

58 61.3 26.2 78.5



#60

Dibromochloromethane

Concen: 4.468 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037604.D

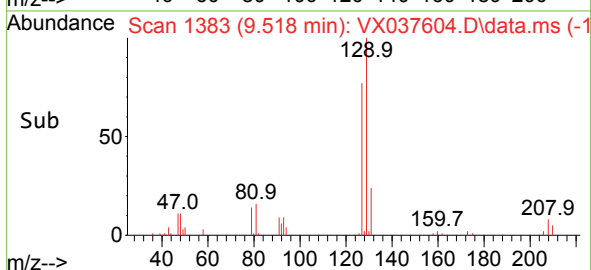
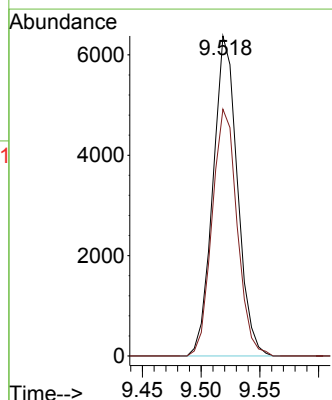
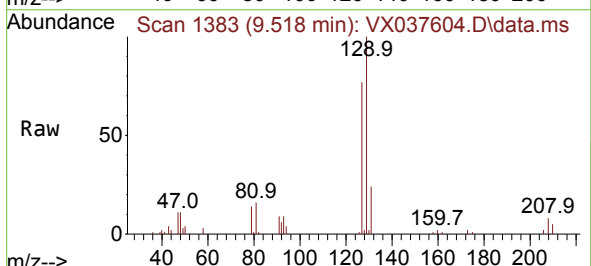
Acq: 08 Sep 2023 16:03

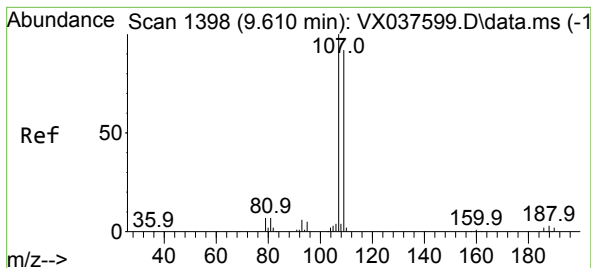
Tgt Ion: 129 Resp: 9222

Ion Ratio Lower Upper

129 100

127 78.9 38.8 116.4

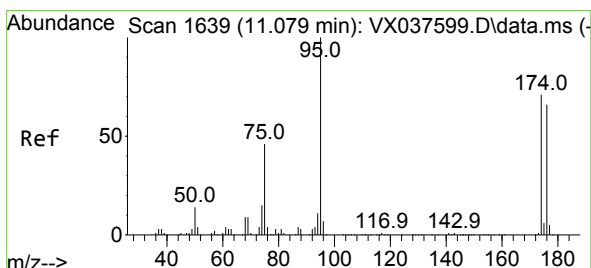
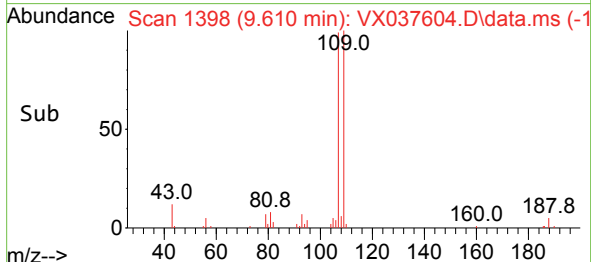
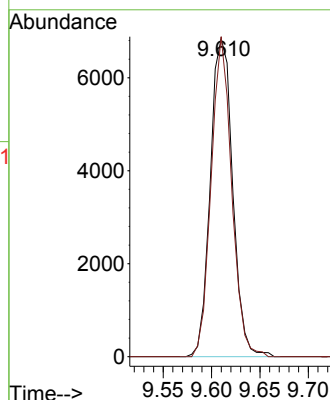
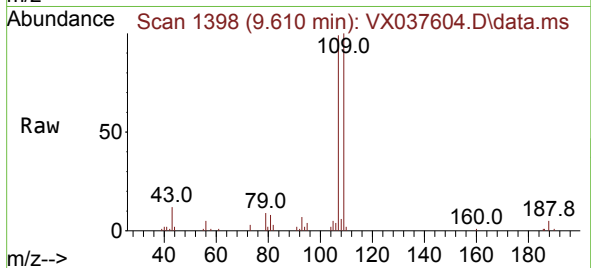




#61
1,2-Dibromoethane
Concen: 4.947 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

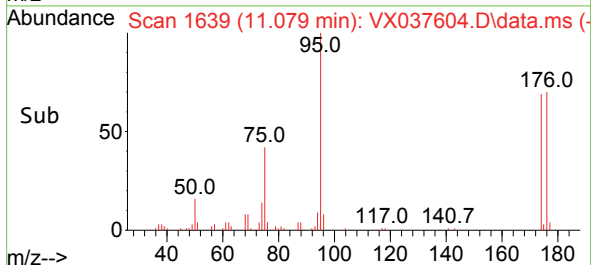
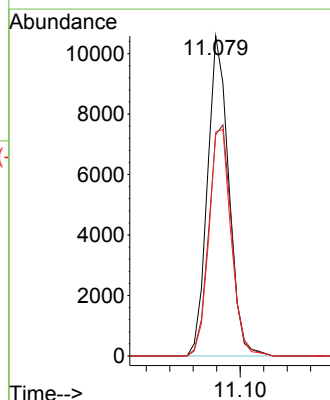
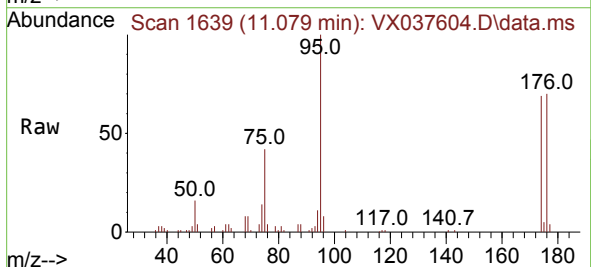
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

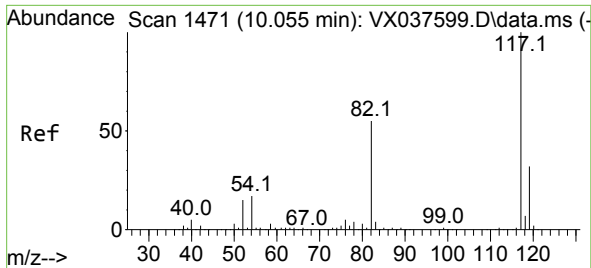
Tgt Ion:107 Resp: 10983
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 5.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 95 Resp: 13327
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.7 0.0 131.0

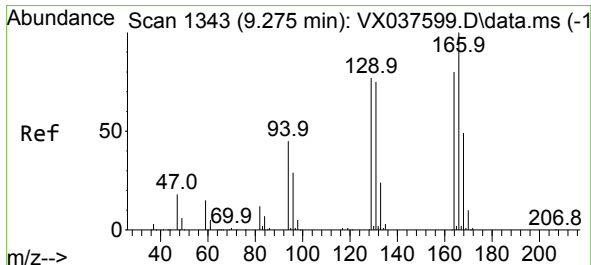
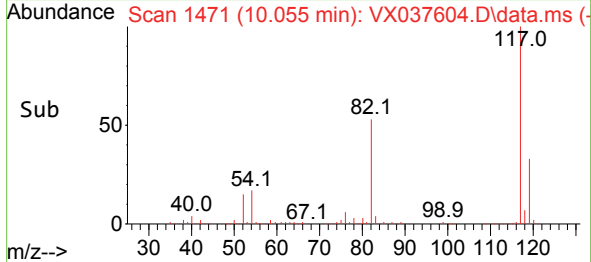
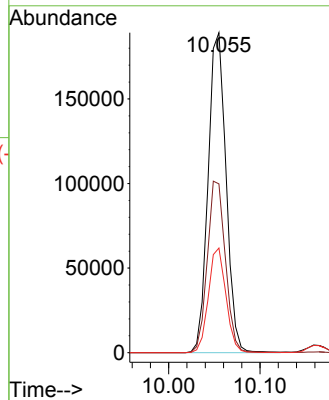
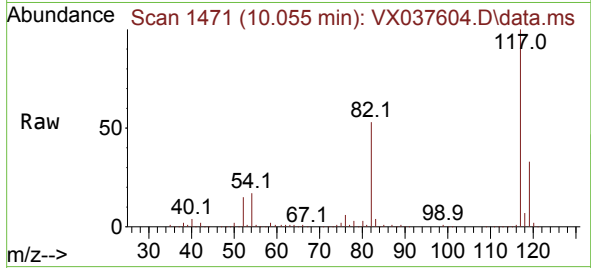




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

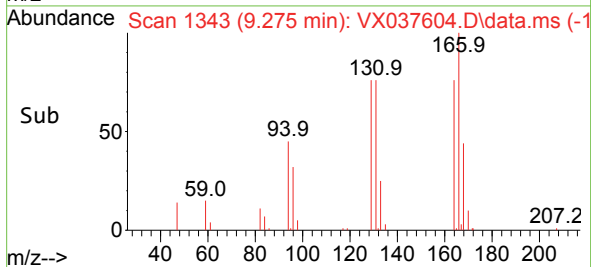
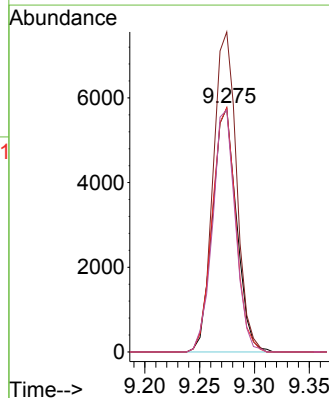
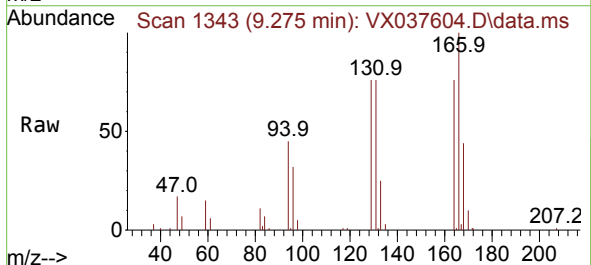
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

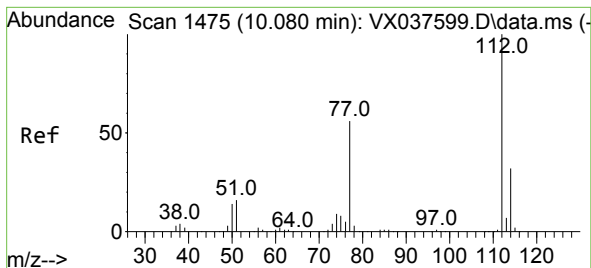
Tgt Ion:117 Resp: 257650
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 4.862 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:164 Resp: 8772
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 100.2 80.4 120.6
131 99.3 76.5 114.7

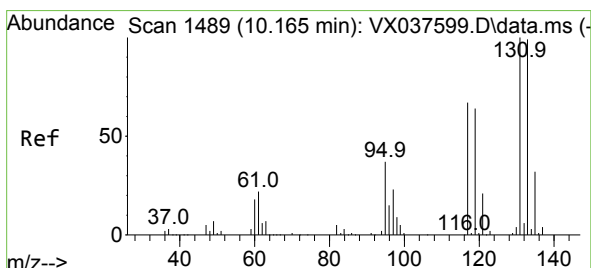
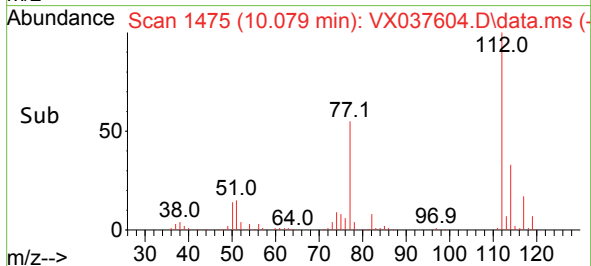
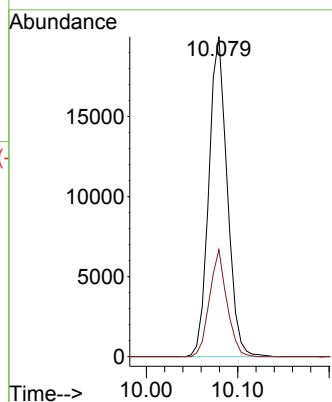
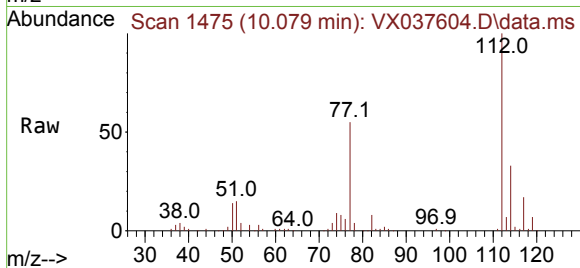




#65
Chlorobenzene
Concen: 4.938 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

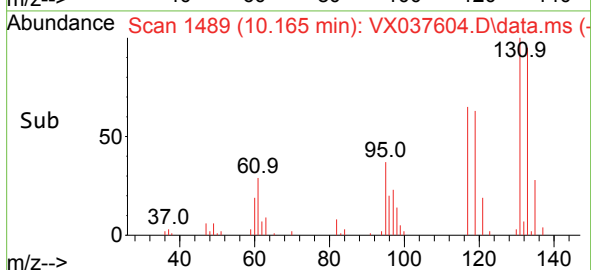
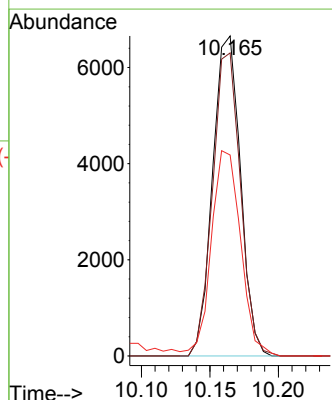
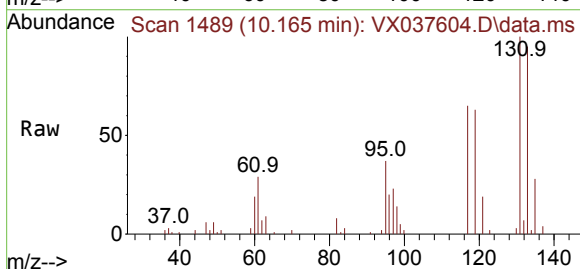
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

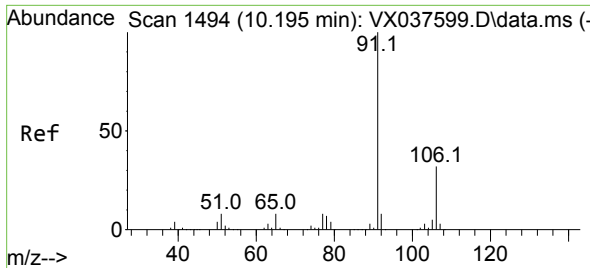
Tgt Ion:112 Resp: 27951
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.677 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:131 Resp: 9383
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 67.6 32.2 96.6

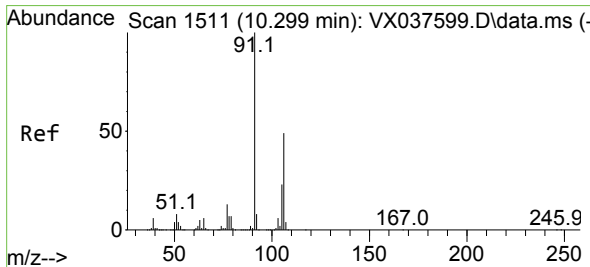
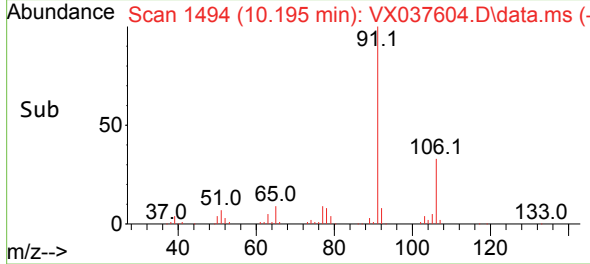
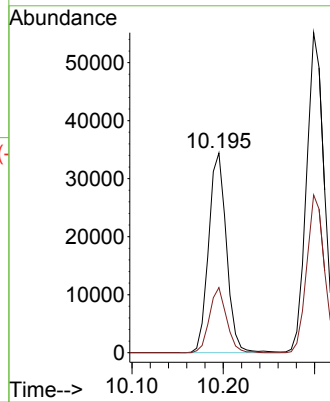
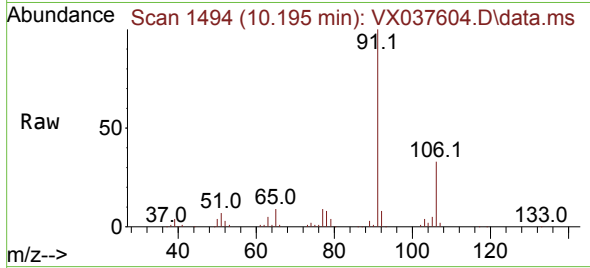




#67
Ethyl Benzene
Concen: 4.848 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

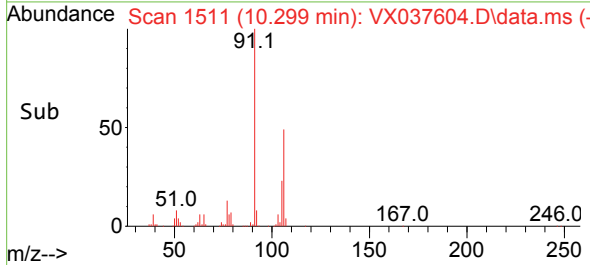
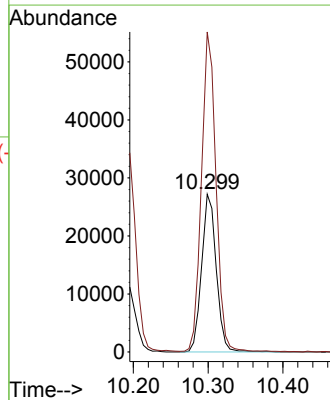
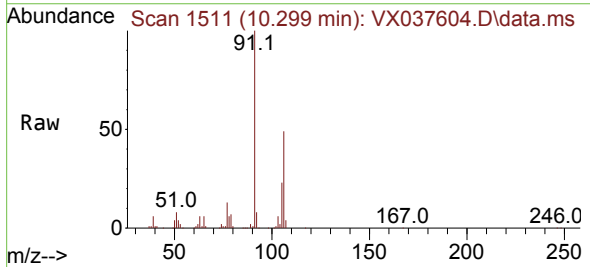
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

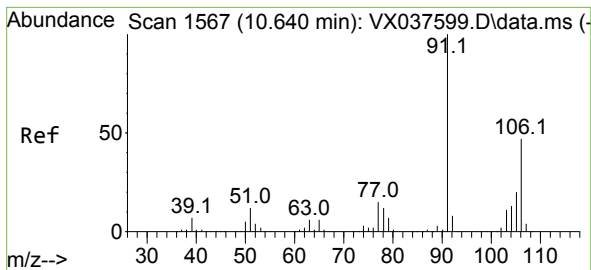
Tgt Ion: 91 Resp: 46649
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3



#68
m/p-Xylenes
Concen: 9.777 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 106 Resp: 37008
Ion Ratio Lower Upper
106 100
91 199.7 165.5 248.3

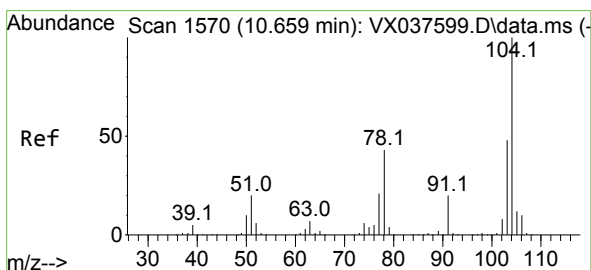
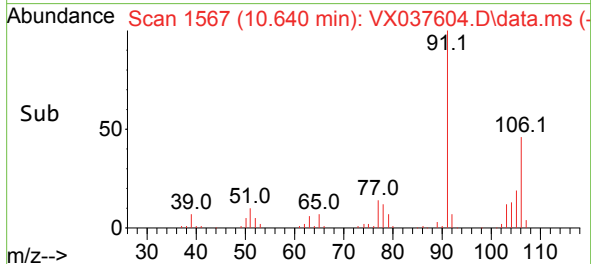
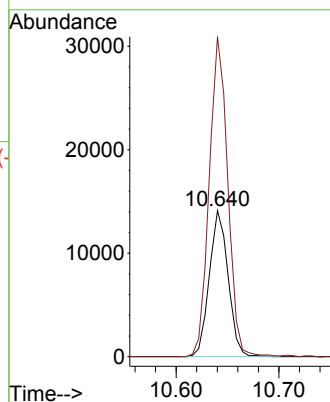
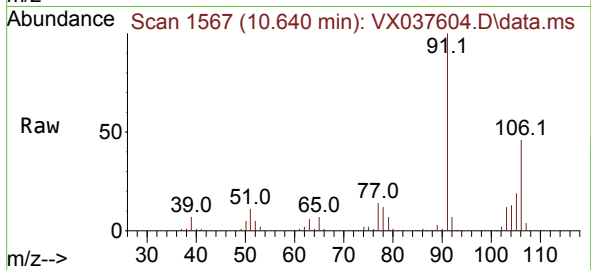




#69
o-Xylene
Concen: 4.759 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

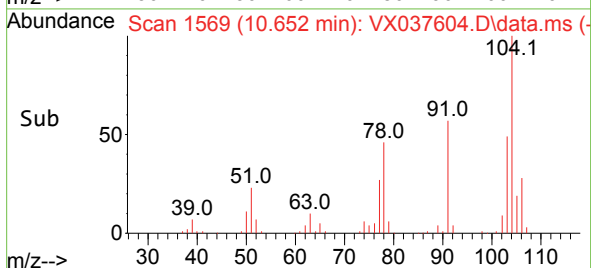
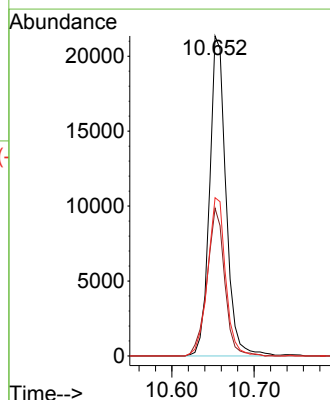
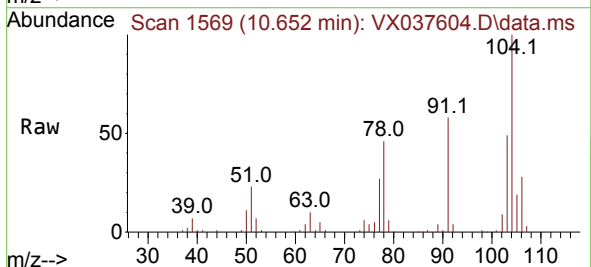
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

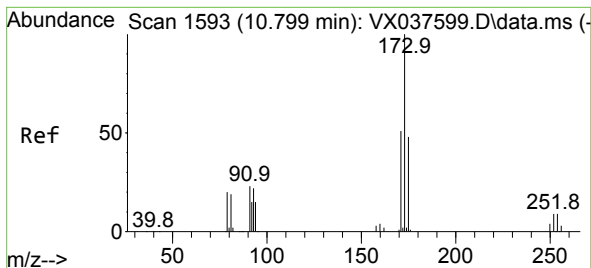
Tgt Ion:106 Resp: 17910
Ion Ratio Lower Upper
106 100
91 216.2 108.9 326.8



#70
Styrene
Concen: 4.843 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion:104 Resp: 29632
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 4.321 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

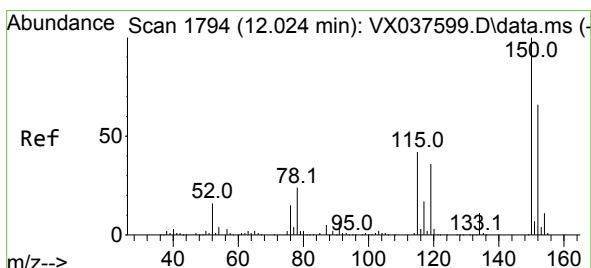
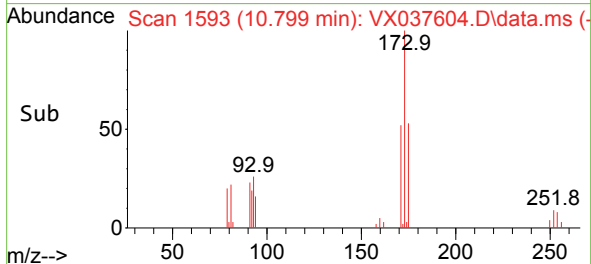
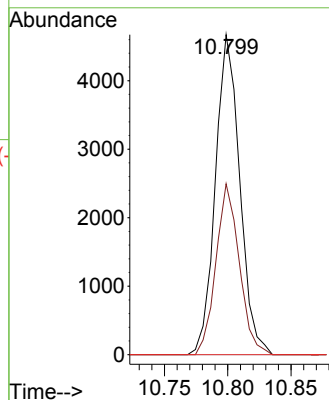
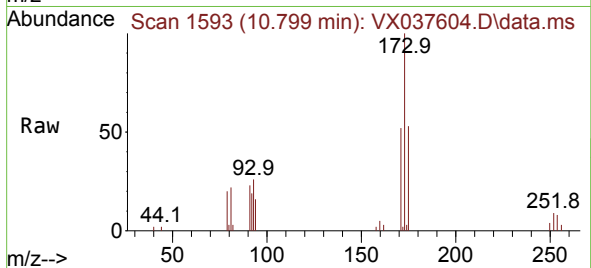
Tgt Ion:173 Resp: 6242

Ion Ratio Lower Upper

173 100

175 51.2 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

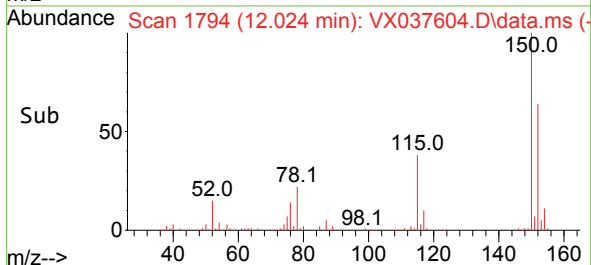
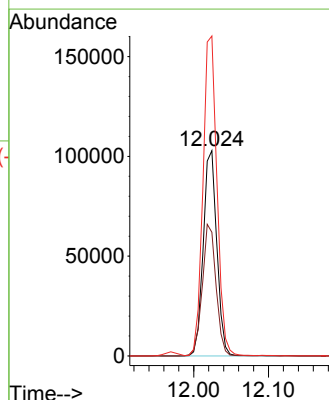
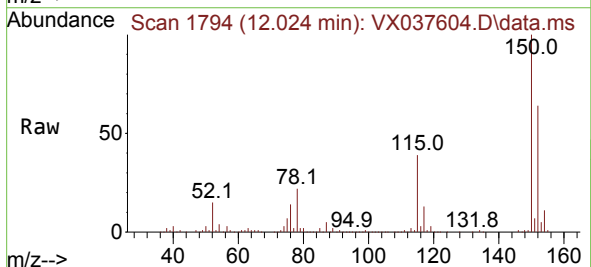
Tgt Ion:152 Resp: 129929

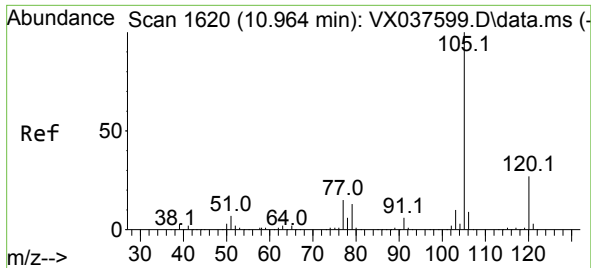
Ion Ratio Lower Upper

152 100

115 64.9 43.3 129.9

150 160.0 0.0 345.0

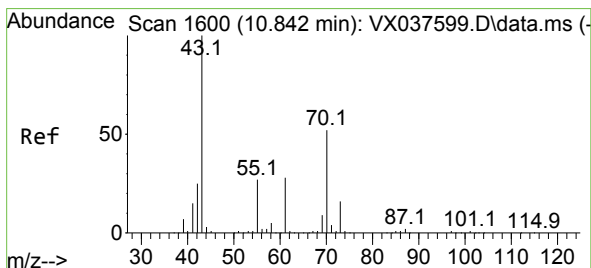
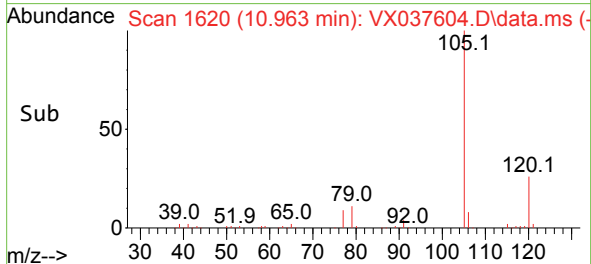
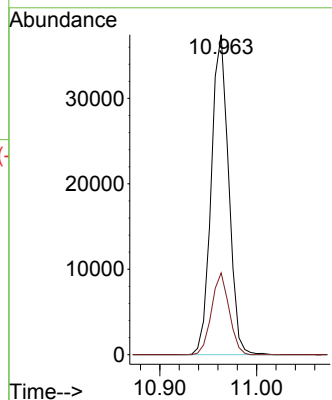
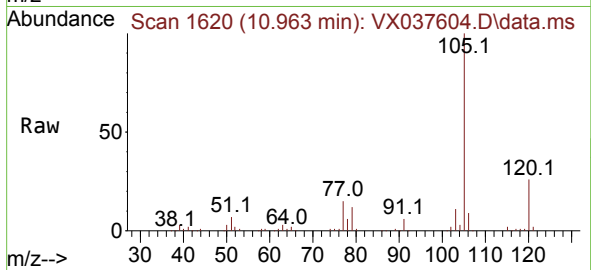




#73
Isopropylbenzene
Concen: 4.790 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

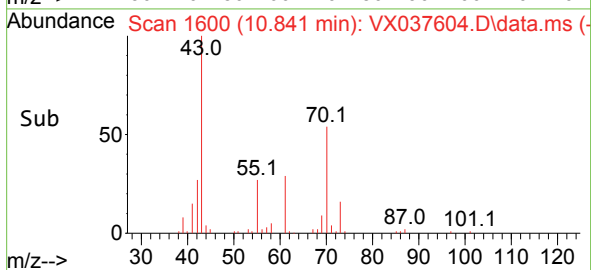
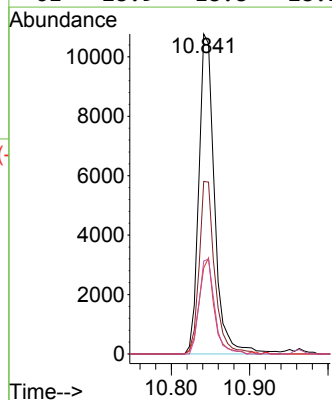
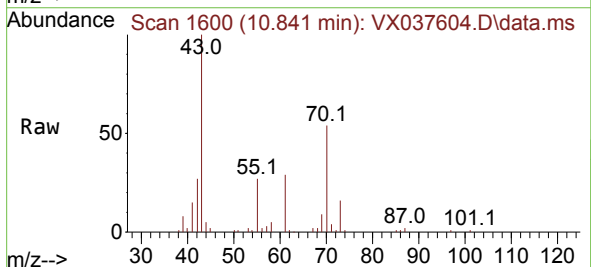
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

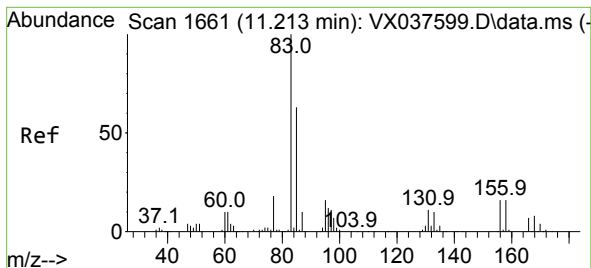
Tgt Ion:105 Resp: 46746
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 4.487 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 43 Resp: 15096
Ion Ratio Lower Upper
43 100
70 53.0 32.9 49.3#
55 28.5 19.3 28.9
61 28.9 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.789 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

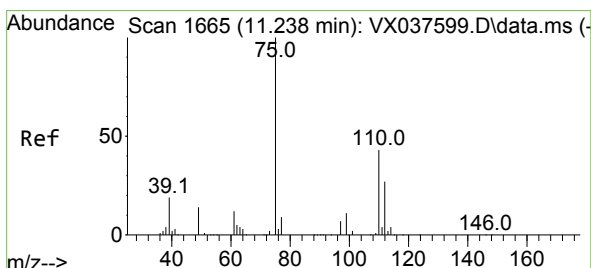
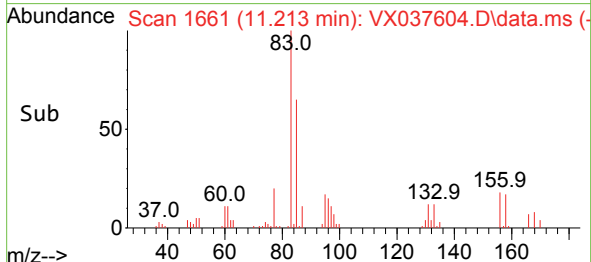
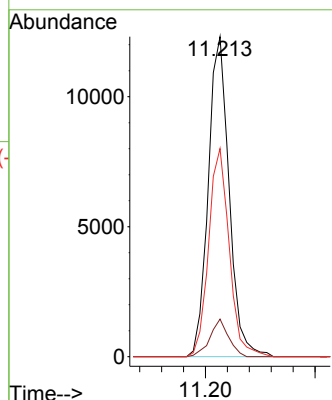
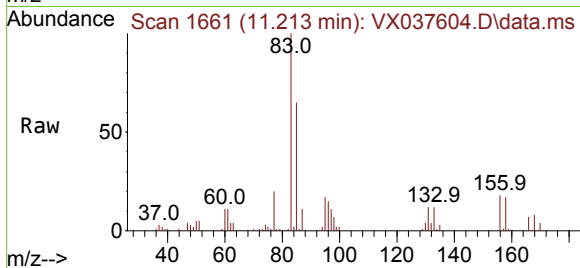
Tgt Ion: 83 Resp: 16241

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 5.265 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037604.D

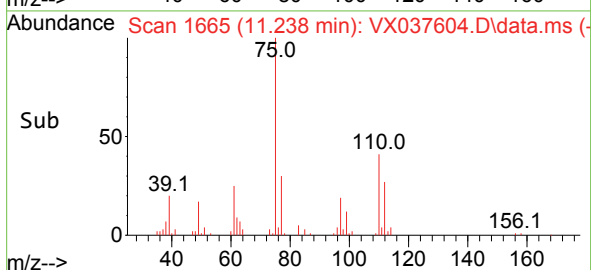
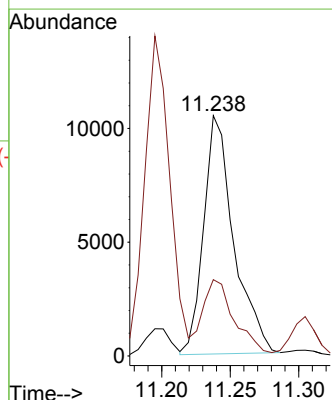
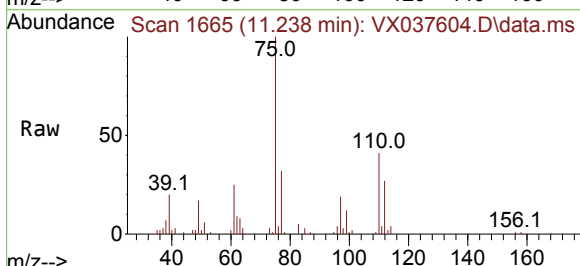
Acq: 08 Sep 2023 16:03

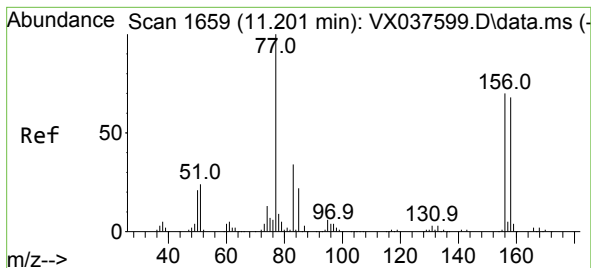
Tgt Ion: 75 Resp: 16049

Ion Ratio Lower Upper

75 100

77 34.7 19.1 57.5





#77

Bromobenzene

Concen: 4.732 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

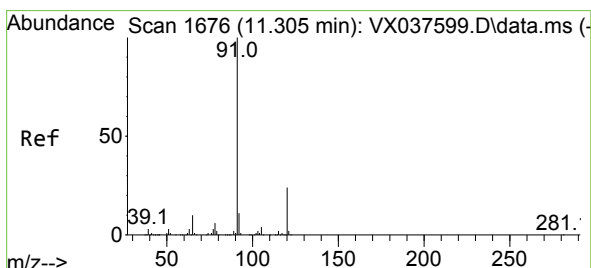
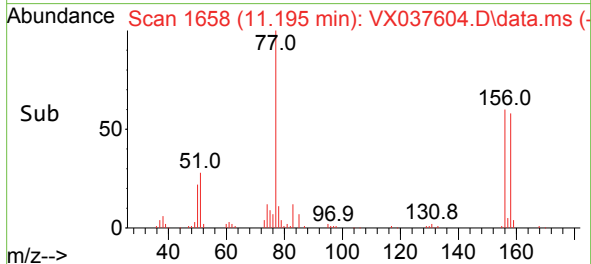
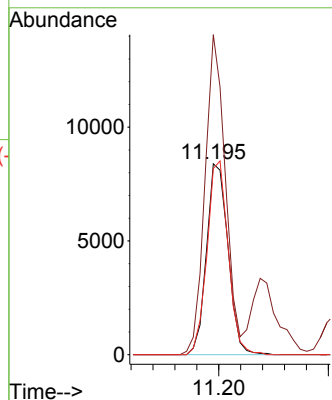
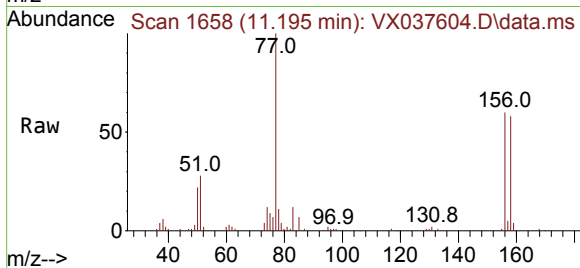
Tgt Ion:156 Resp: 11432

Ion Ratio Lower Upper

156 100

77 158.3 88.4 265.3

158 99.9 48.0 144.0



#78

n-propylbenzene

Concen: 4.854 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037604.D

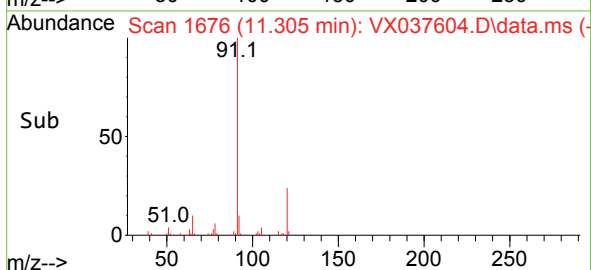
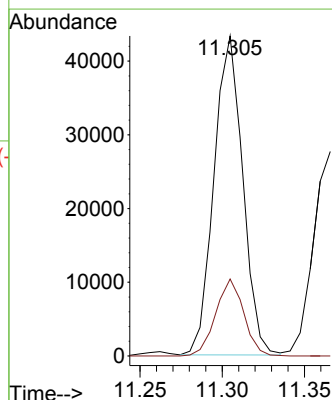
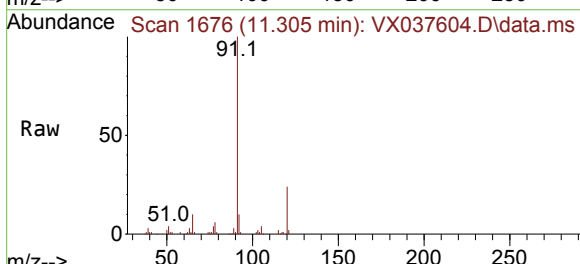
Acq: 08 Sep 2023 16:03

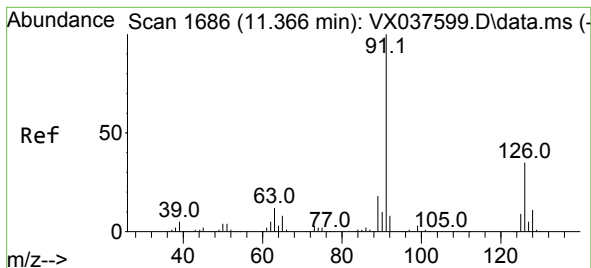
Tgt Ion: 91 Resp: 52685

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

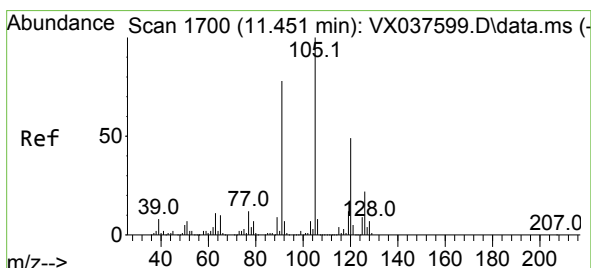
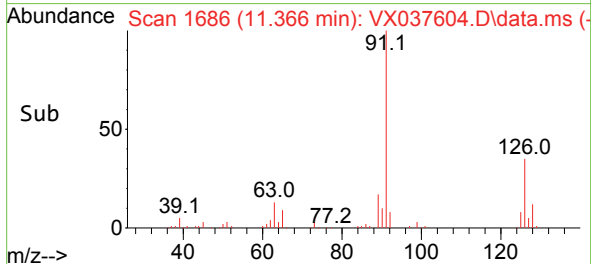
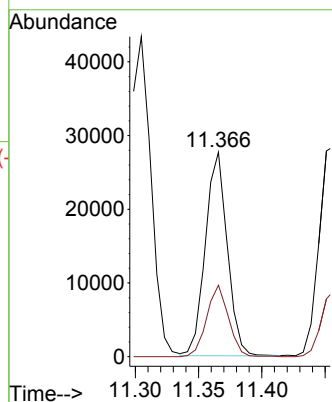
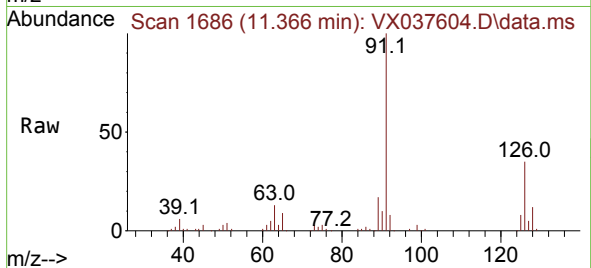




#79
2-Chlorotoluene
Concen: 4.838 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

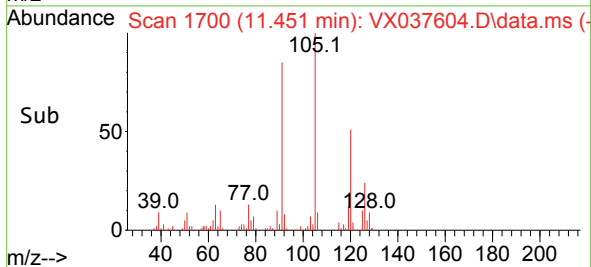
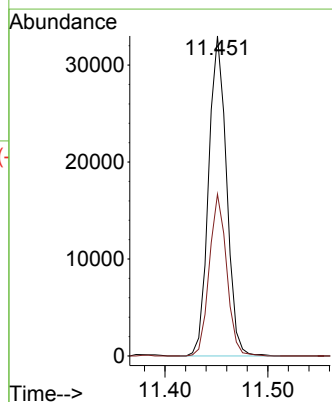
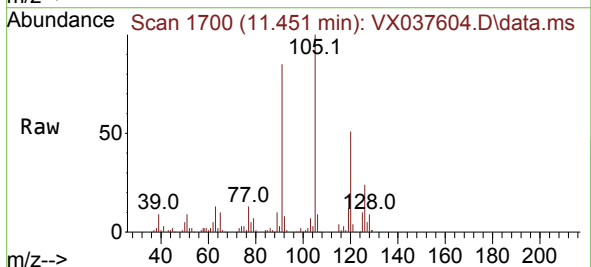
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

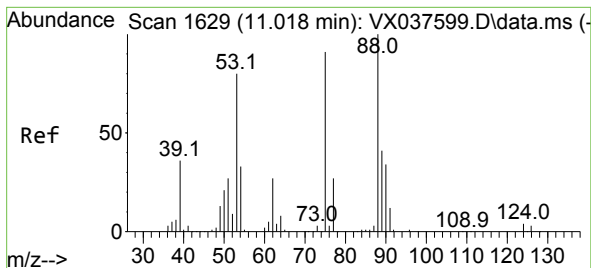
Tgt Ion: 91 Resp: 33367
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 4.830 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 105 Resp: 39981
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3

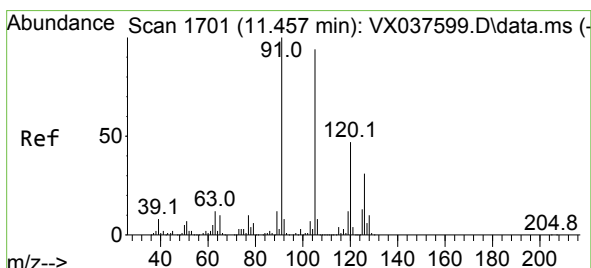
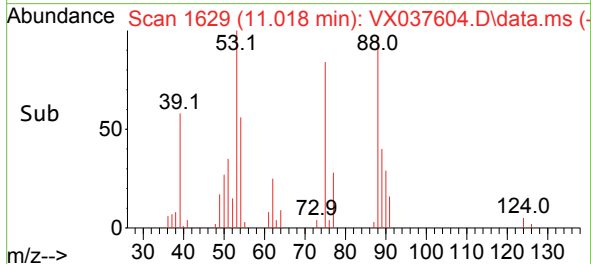
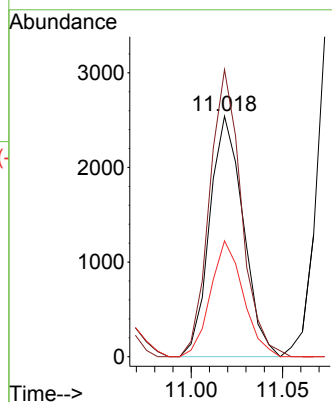
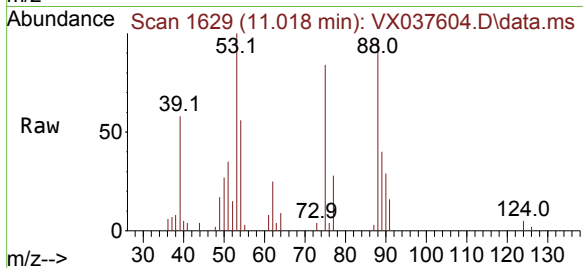




#81
trans-1,4-Dichloro-2-butene
Concen: 5.426 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

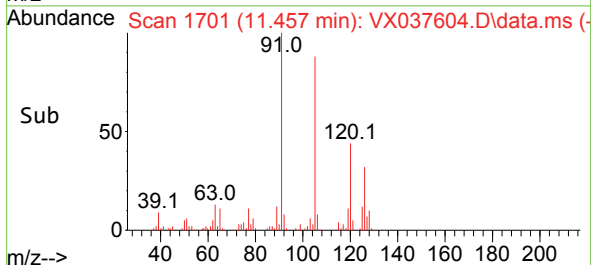
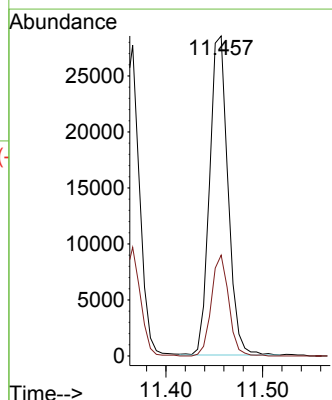
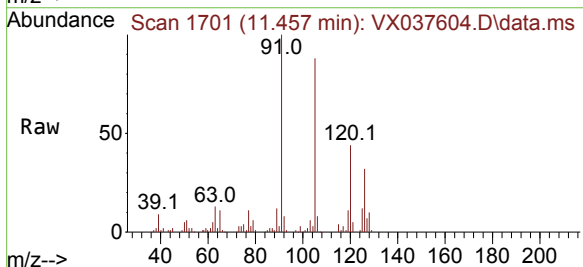
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

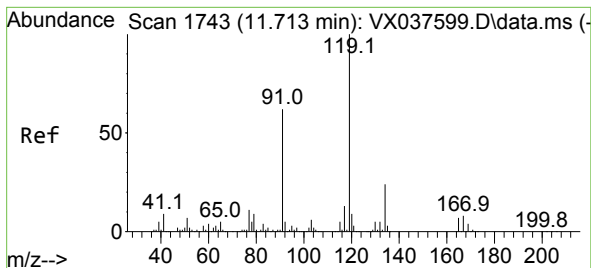
Tgt Ion: 75 Resp: 3244
Ion Ratio Lower Upper
75 100
53 113.4 90.5 135.7
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 4.846 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 91 Resp: 37682
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.608 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

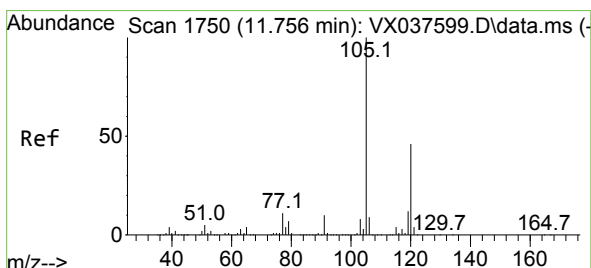
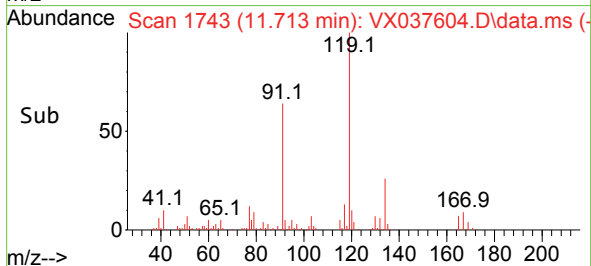
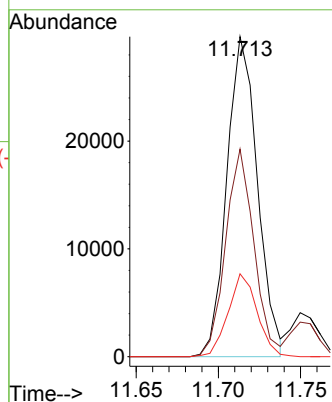
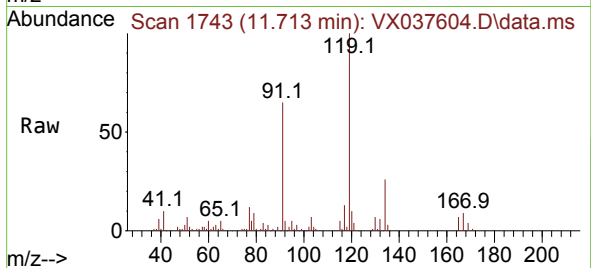
Tgt Ion:119 Resp: 38455

Ion Ratio Lower Upper

119 100

91 60.2 31.2 93.6

134 24.6 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 4.799 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037604.D

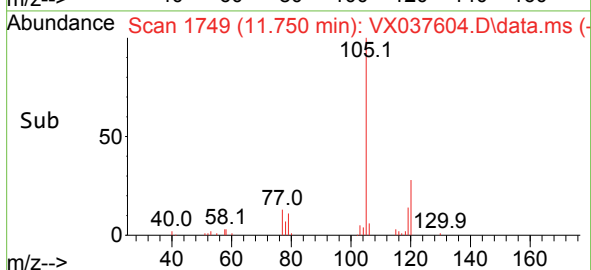
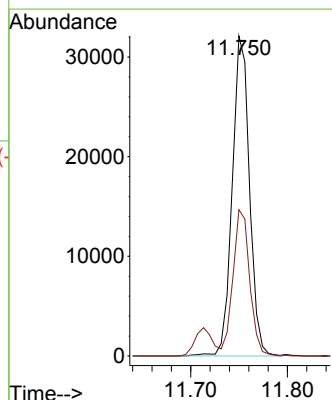
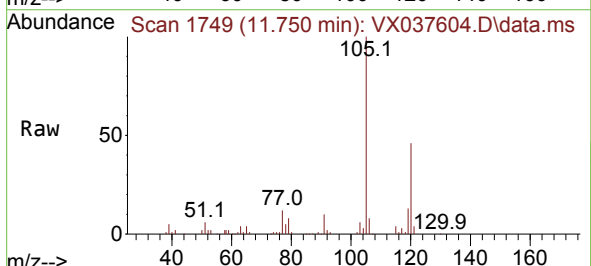
Acq: 08 Sep 2023 16:03

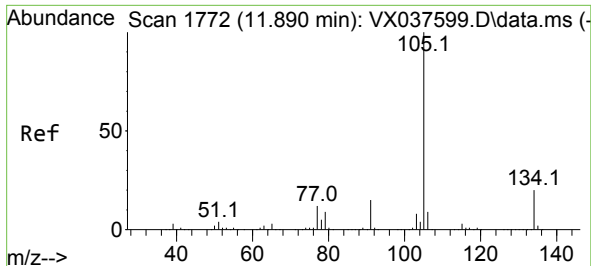
Tgt Ion:105 Resp: 39719

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6

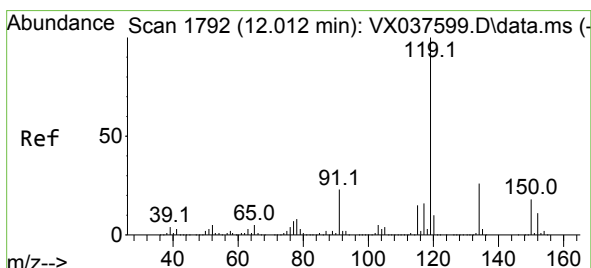
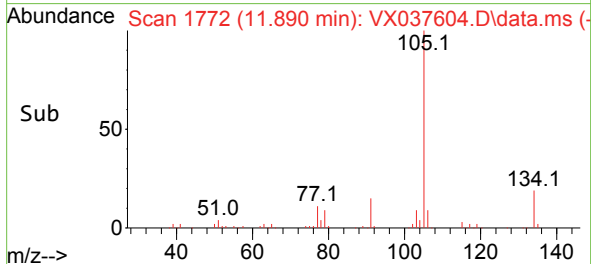
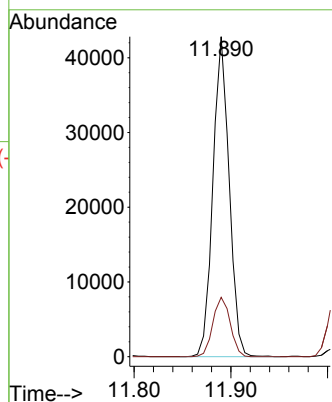
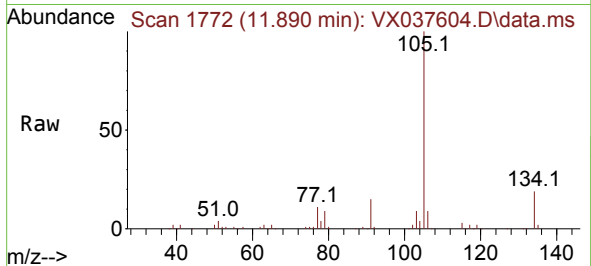




#85
 sec-Butylbenzene
 Concen: 4.959 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

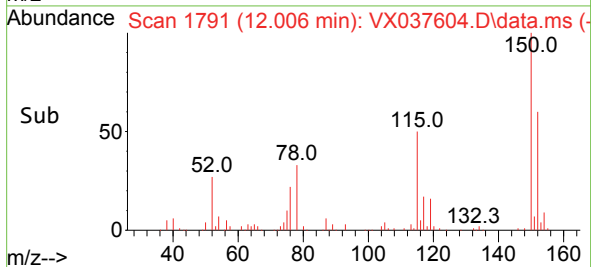
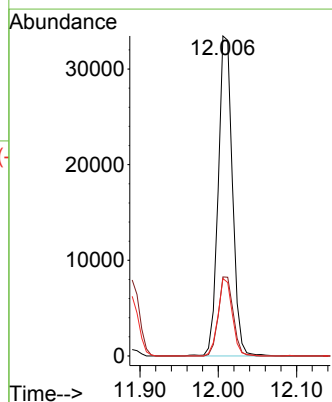
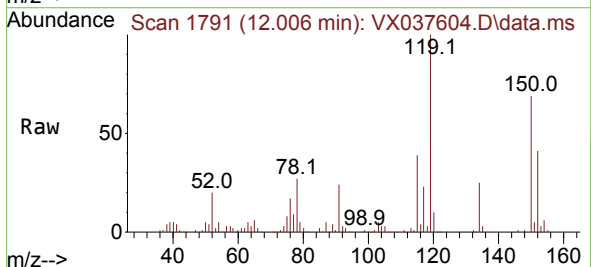
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

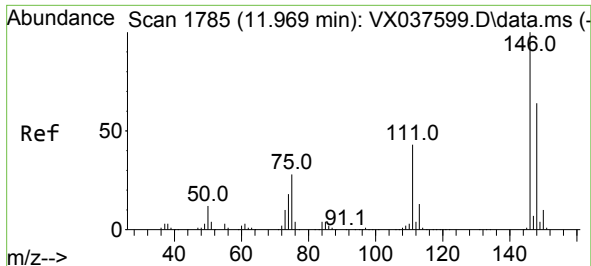
Tgt Ion:105 Resp: 49896
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.962 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037604.D
 Acq: 08 Sep 2023 16:03

Tgt Ion:119 Resp: 42278
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.922 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037604.D

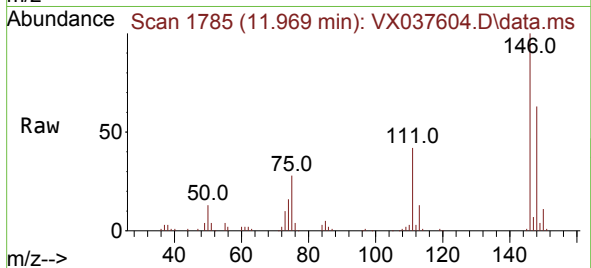
Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



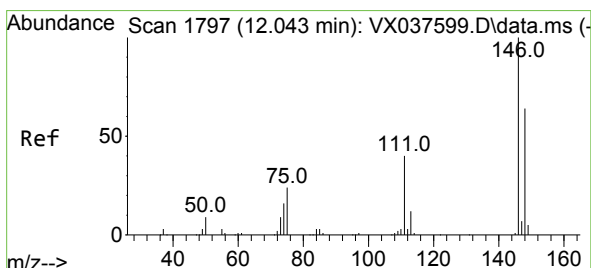
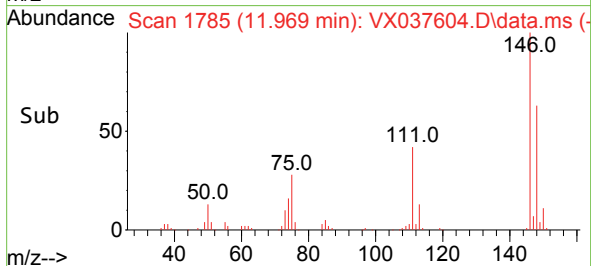
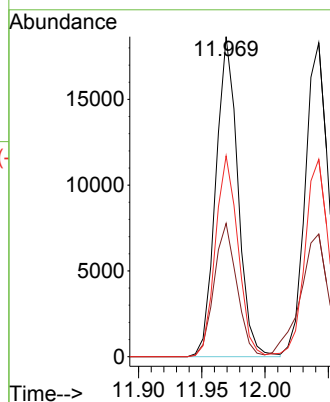
Tgt Ion:146 Resp: 22621

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.1

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 4.991 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

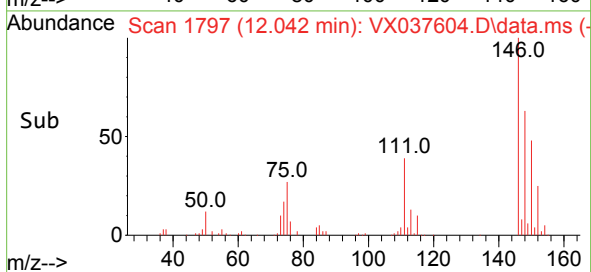
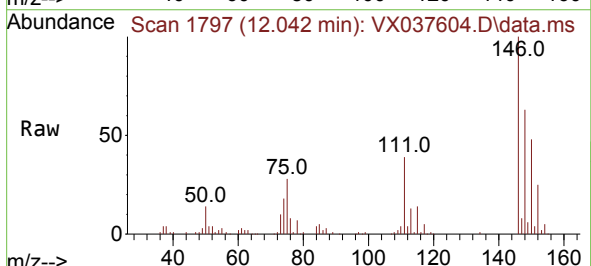
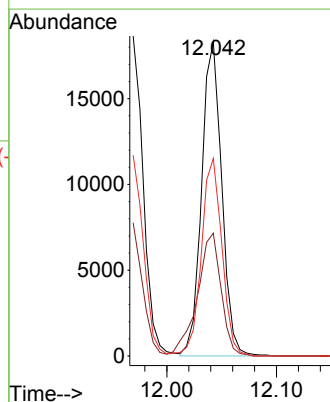
Tgt Ion:146 Resp: 23337

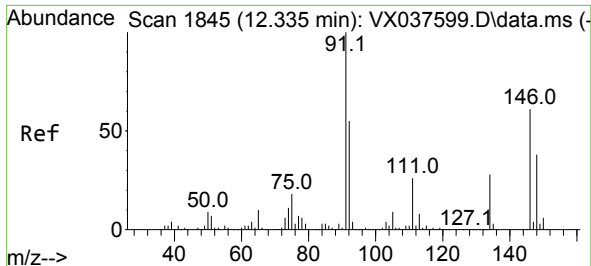
Ion Ratio Lower Upper

146 100

111 46.4 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 4.935 ug/l

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

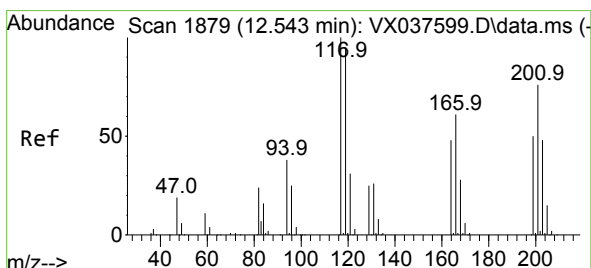
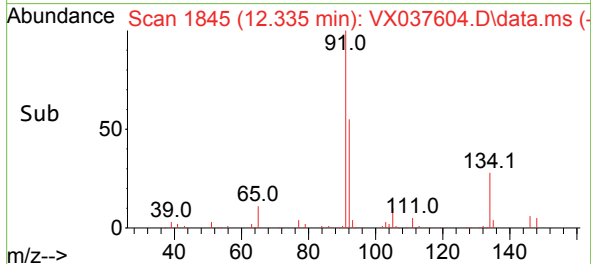
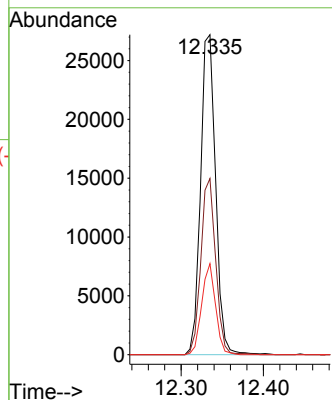
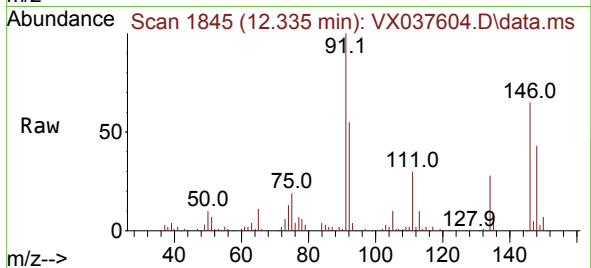
Tgt Ion: 91 Resp: 34553

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 4.320 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037604.D

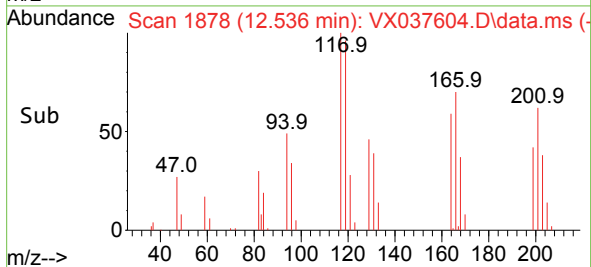
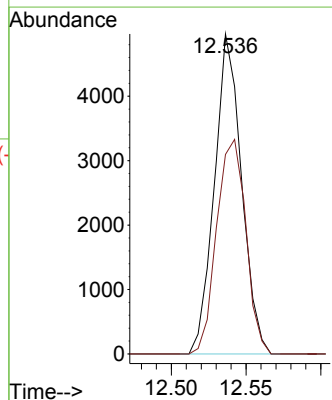
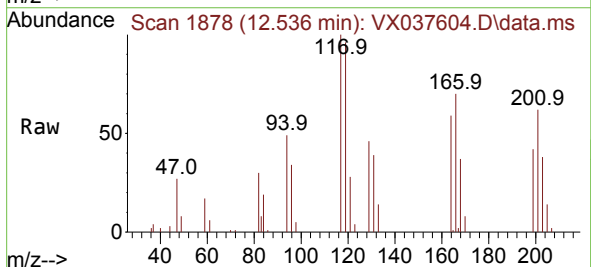
Acq: 08 Sep 2023 16:03

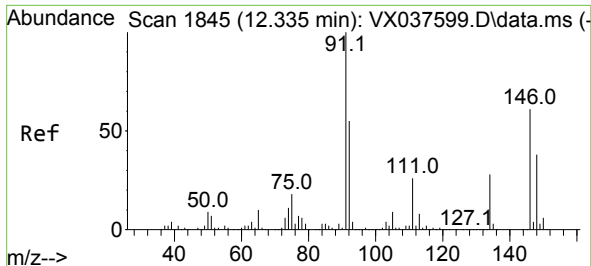
Tgt Ion: 117 Resp: 6255

Ion Ratio Lower Upper

117 100

201 72.3 32.9 98.6

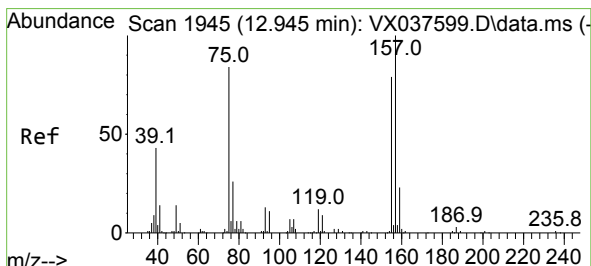
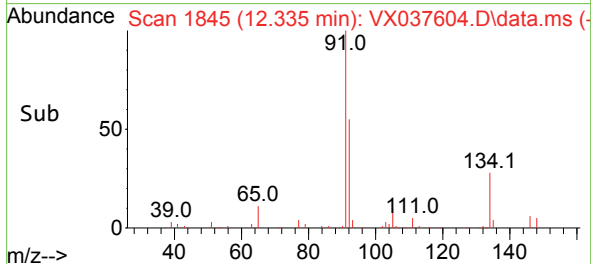
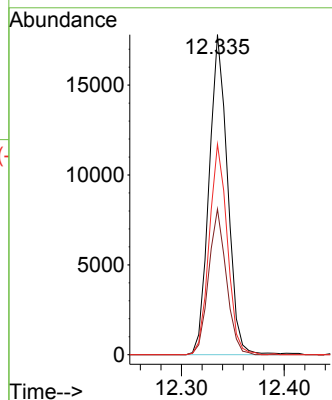
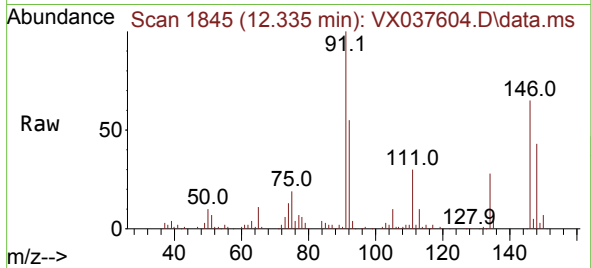




#91
1,2-Dichlorobenzene
Concen: 4.847 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

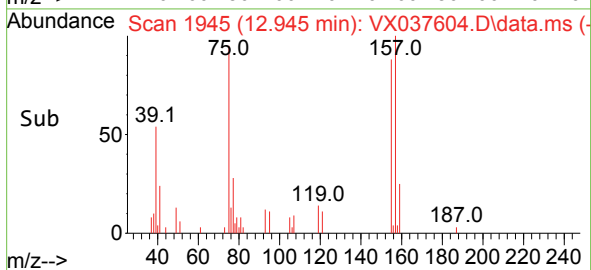
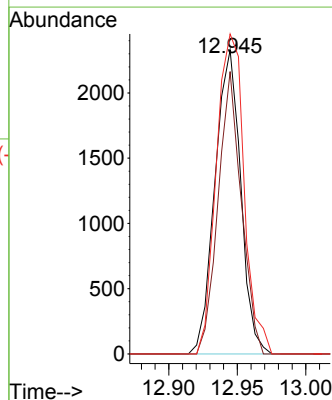
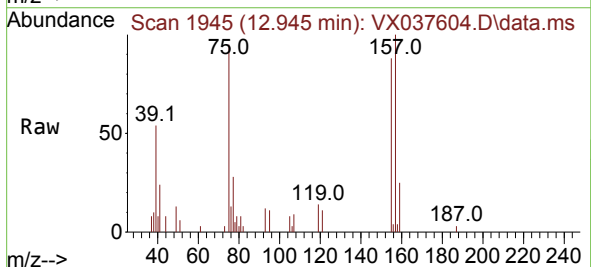
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

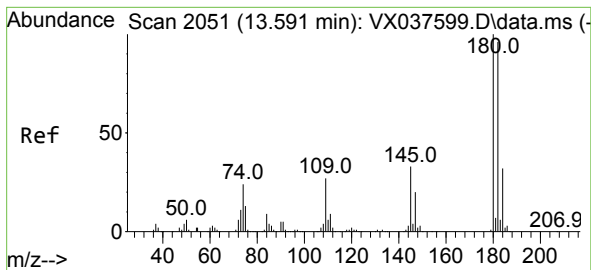
Tgt Ion:146 Resp: 22193
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 64.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.196 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

Tgt Ion: 75 Resp: 3030
Ion Ratio Lower Upper
75 100
155 84.0 36.1 108.5
157 114.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.729 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

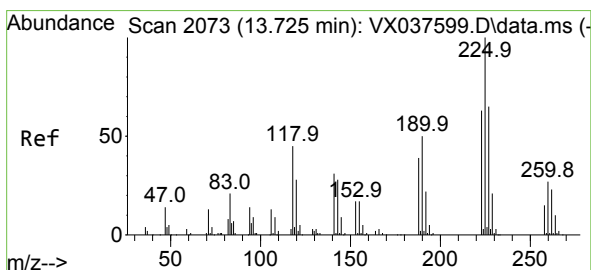
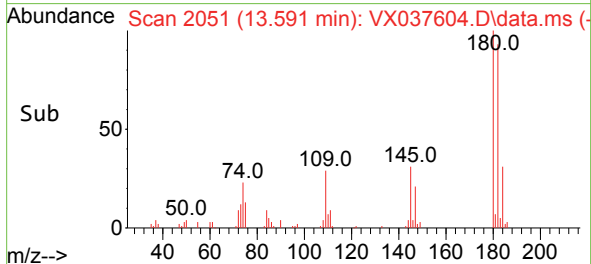
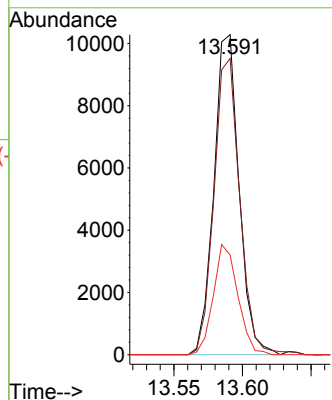
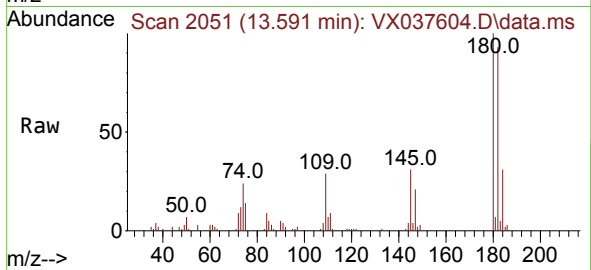
Tgt Ion:180 Resp: 13096

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 33.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 5.103 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037604.D

Acq: 08 Sep 2023 16:03

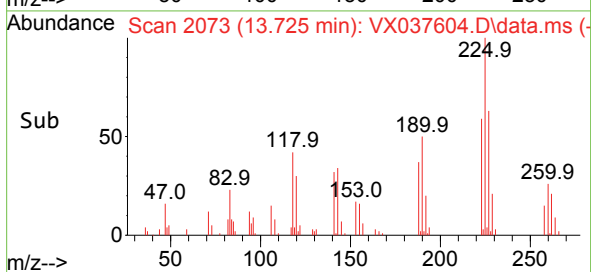
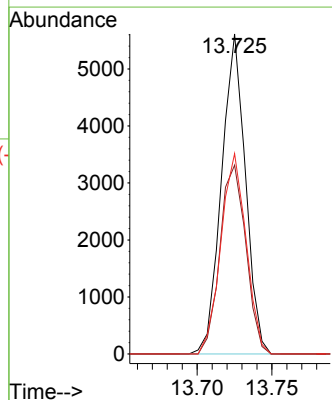
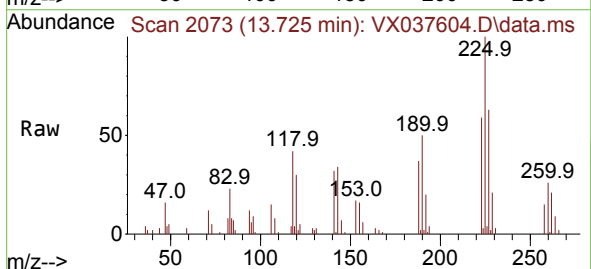
Tgt Ion:225 Resp: 6238

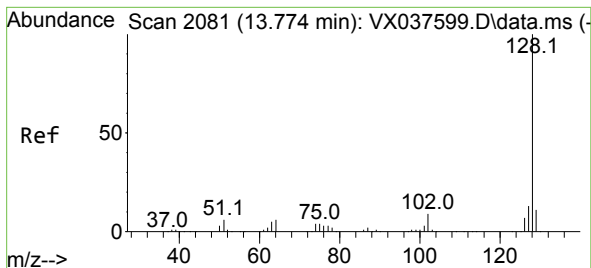
Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.2

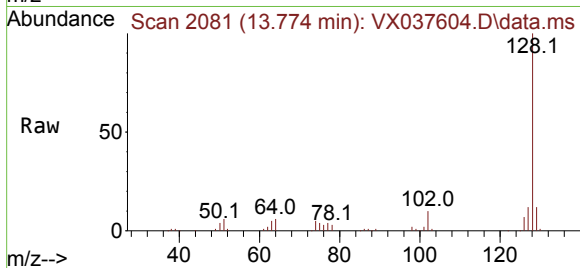
227 66.1 32.5 97.5



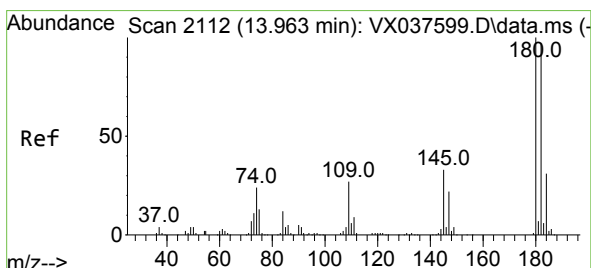
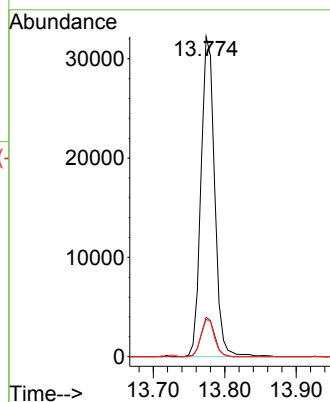
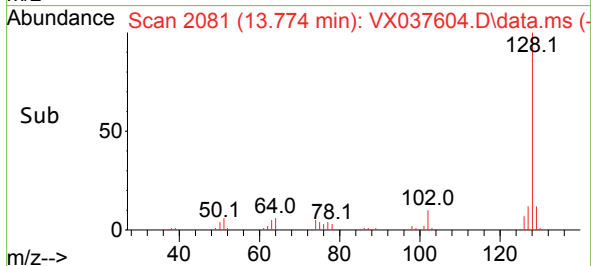


#95
Naphthalene
Concen: 4.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03

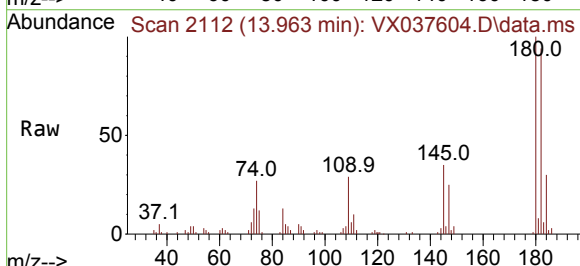
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 42794
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.695 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037604.D
Acq: 08 Sep 2023 16:03



Tgt Ion:180 Resp: 13431
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 34.5 17.8 53.5

