

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045468.D
 Acq On : 26 Mar 2025 14:29
 Operator : JC/MD
 Sample : Q1629-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MSD

Quant Time: Mar 27 01:39:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70110	56.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.680%	
35) Dibromofluoromethane	5.379	113	50243	52.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.000%	
50) Toluene-d8	8.647	98	172507	50.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.079	95	65522	57.531	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63976	64.970	ug/l	96
3) Chloromethane	1.307	50	66586	55.255	ug/l	98
4) Vinyl Chloride	1.374	62	62230	52.056	ug/l	98
5) Bromomethane	1.593	94	28172	59.947	ug/l	98
6) Chloroethane	1.660	64	30146	54.671	ug/l	97
7) Trichlorofluoromethane	1.868	101	90306	57.064	ug/l	98
8) Diethyl Ether	2.136	74	30648	49.512	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.313	101	57678	63.438	ug/l	98
10) Methyl Iodide	2.441	142	71045	62.527	ug/l	95
11) Tert butyl alcohol	2.989	59	65545	278.091	ug/l	98
12) 1,1-Dichloroethene	2.307	96	54875	57.087	ug/l	90
13) Acrolein	2.239	56	68260	250.534	ug/l	99
14) Allyl chloride	2.654	41	104862	61.284	ug/l	94
15) Acrylonitrile	3.062	53	182139	288.335	ug/l	98
16) Acetone	2.386	43	174752	302.689	ug/l	95
17) Carbon Disulfide	2.502	76	134555	52.555	ug/l	97
18) Methyl Acetate	2.703	43	71126	51.211	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	188109	58.328	ug/l	99
20) Methylene Chloride	2.782	84	62947	55.042	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	54567	57.460	ug/l	94
22) Diisopropyl ether	3.764	45	202733	58.258	ug/l	94
23) Vinyl Acetate	3.721	43	846377	291.450	ug/l	99
24) 1,1-Dichloroethane	3.605	63	112537	57.703	ug/l	100
25) 2-Butanone	4.562	43	265671	305.711	ug/l	98
26) 2,2-Dichloropropane	4.471	77	75408	82.434	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	66711	56.906	ug/l	93
28) Bromochloromethane	4.898	49	46062	49.551	ug/l	98
29) Tetrahydrofuran	5.007	42	168372	288.508	ug/l	99
30) Chloroform	5.087	83	115410	59.557	ug/l	98
31) Cyclohexane	5.458	56	98225	58.020	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	97027	61.995	ug/l	97
36) 1,1-Dichloropropene	5.690	75	74241	57.103	ug/l	99
37) Ethyl Acetate	4.715	43	92572	55.257	ug/l	98
38) Carbon Tetrachloride	5.672	117	80831	61.239	ug/l	97
39) Methylcyclohexane	7.373	83	95012	60.989	ug/l	96
40) Benzene	6.031	78	231971	56.503	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56406	62.268	ug/l	98
42) 1,2-Dichloroethane	6.086	62	95787	64.791	ug/l	96
43) Isopropyl Acetate	6.342	43	146559	59.161	ug/l	99
44) Trichloroethene	7.123	130	58258	60.433	ug/l	98
45) 1,2-Dichloropropane	7.428	63	59906	56.753	ug/l	99
46) Dibromomethane	7.580	93	45521	61.013	ug/l	96
47) Bromodichloromethane	7.818	83	89304	61.024	ug/l	99
48) Methyl methacrylate	7.690	41	80811	65.022	ug/l	94
49) 1,4-Dioxane	7.659	88	32939	1256.441	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	525454	315.900	ug/l	99
52) Toluene	8.714	92	142393	59.114	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79170	64.712	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89949	63.050	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	57314	57.798	ug/l	97
56) Ethyl methacrylate	9.116	69	96679	64.139	ug/l	93
57) 1,3-Dichloropropane	9.305	76	101131	58.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.171	63	510	0.694	ug/l #	48
59) 2-Hexanone	9.433	43	392557	325.728	ug/l	98
60) Dibromochloromethane	9.519	129	63988	61.714	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58855	59.453	ug/l	99
64) Tetrachloroethene	9.269	164	45897	56.686	ug/l	97
65) Chlorobenzene	10.079	112	156019	58.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52764	59.230	ug/l	96
67) Ethyl Benzene	10.189	91	278593	59.770	ug/l	97
68) m/p-Xylenes	10.299	106	202838	118.876	ug/l	94
69) o-Xylene	10.640	106	101021	58.702	ug/l	96
70) Styrene	10.653	104	169533	60.884	ug/l	97
71) Bromoform	10.799	173	40637	60.492	ug/l #	100
73) Isopropylbenzene	10.957	105	265519	58.007	ug/l	98
74) N-amyl acetate	10.842	43	124302	57.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	92728	55.205	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98126	71.890	ug/l	85
77) Bromobenzene	11.195	156	59315	54.922	ug/l	94
78) n-propylbenzene	11.305	91	309849	59.924	ug/l	98
79) 2-Chlorotoluene	11.360	91	188852	57.349	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	222054	59.996	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23021	57.718	ug/l	86
82) 4-Chlorotoluene	11.451	91	213558	59.504	ug/l	98
83) tert-Butylbenzene	11.713	119	219401	57.694	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	221950	59.599	ug/l	98
85) sec-Butylbenzene	11.890	105	273244	59.984	ug/l	98
86) p-Isopropyltoluene	12.006	119	221416	60.146	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	107816	55.961	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	106898	54.842	ug/l	98
89) n-Butylbenzene	12.329	91	196457	61.962	ug/l	99
90) Hexachloroethane	12.536	117	38979	58.539	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	109816	56.821	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21122	64.546	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	61430	55.821	ug/l	99
94) Hexachlorobutadiene	13.725	225	25376	56.244	ug/l	98
95) Naphthalene	13.774	128	238208	56.338	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63386	54.598	ug/l	98

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Response via : Initial Calibration

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

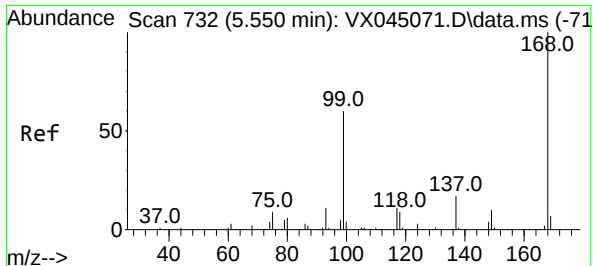
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

Abundance

TIC: VX045468.D\data.ms

Time-->

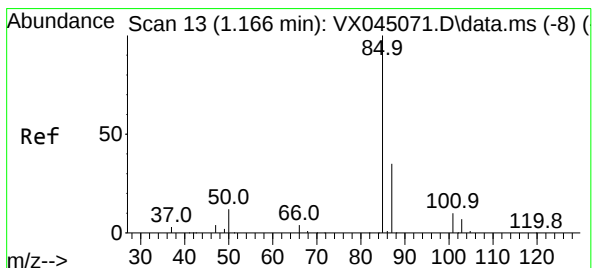
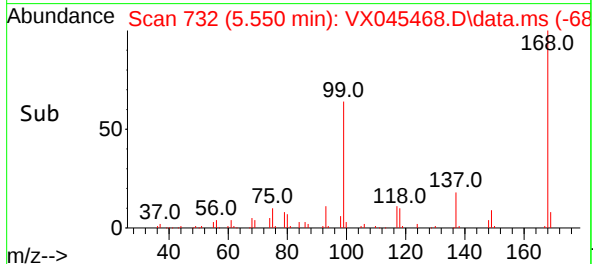
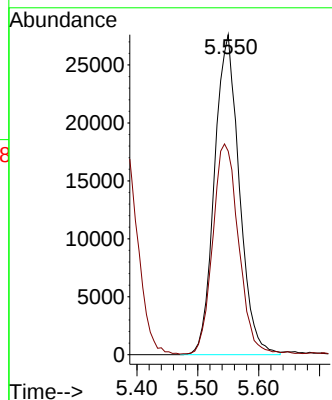
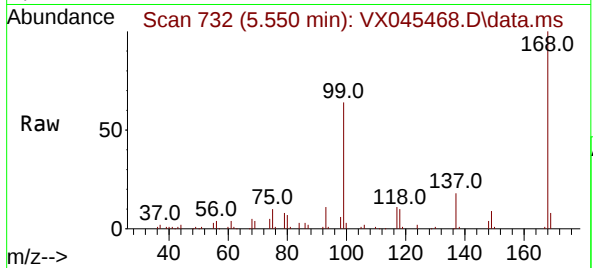
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Vinyl Chloride, C
Benzene, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
Methyl Acetate, T
Methyl Chloride, T
Tert-butyl alcohol, T
1,1-Dichloroethane, T
Vinyl Acetate, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Ethyl Acetate, T
2-Butanol, T
Bromochloromethane, T
Chloroform, C
Pentfluorobenzene, T
1,1-Dichloroethane, T
1,2-Dichloroethane-d4, S
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
1,4-Dioxane, C
Methyl Acetate, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
Toluene-d8, S
Toluene, CM
1,3-Dichloropropene, T
1,3-Dichloropropane, T
1,3-Dichloropropane, T
1,2-Dichloropropane, T
1,2-Dichloropropane, T
1,1,1,2-Tetrachloroethane, T
1,1,2,2-Tetrachloroethane, T
Ethyl Benzene, C
Chlorobenzene, T
N-ethyl acetate, T
trans-1,4-Dichlorobenzene, S
trans-1,4-Dichlorobenzene, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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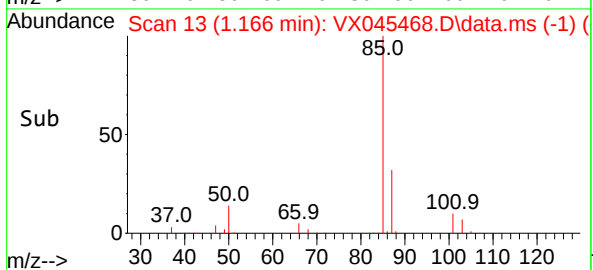
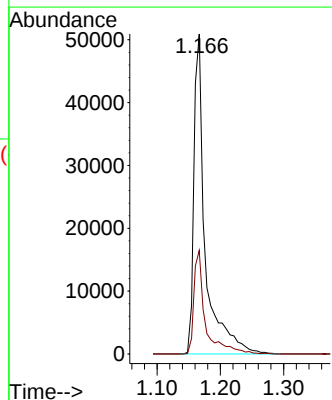
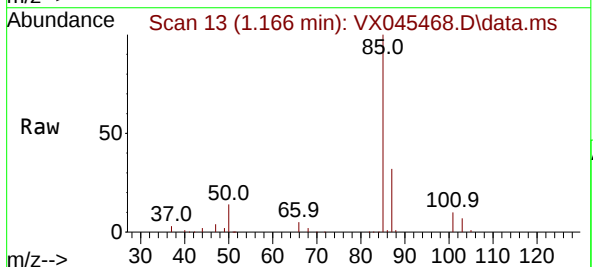
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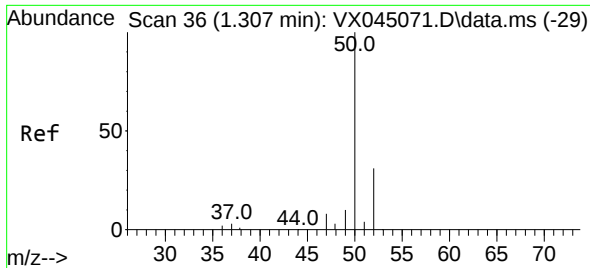
Tgt Ion:168 Resp: 78228
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 64.970 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 85 Resp: 63976
Ion Ratio Lower Upper
85 100
87 32.3 17.4 52.3

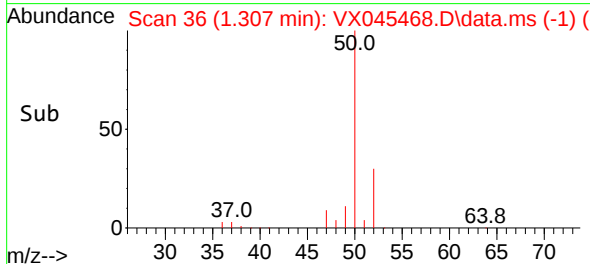
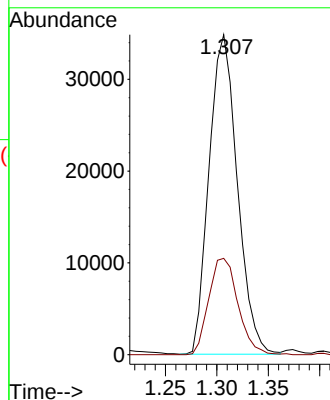
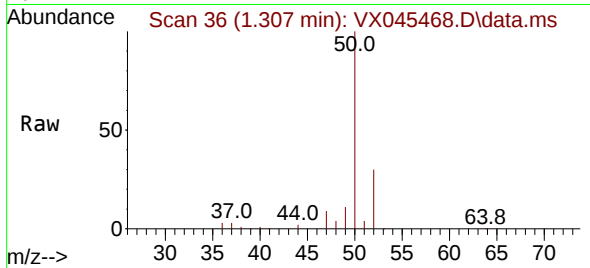




#3
Chloromethane
Concen: 55.255 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

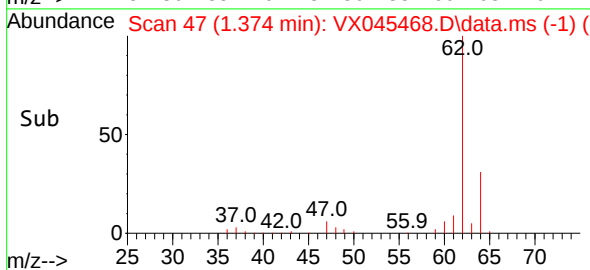
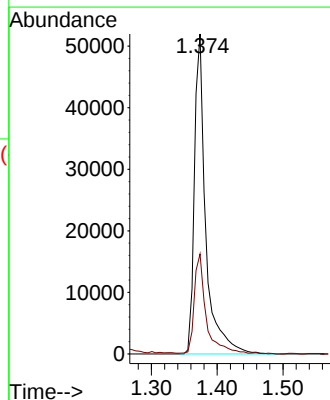
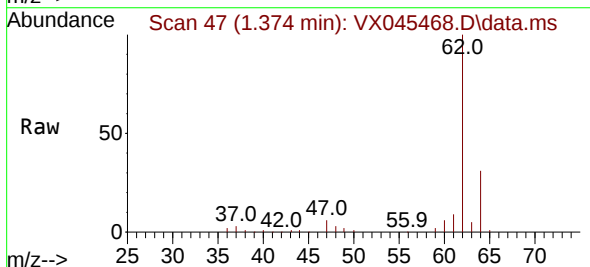
Instrument :
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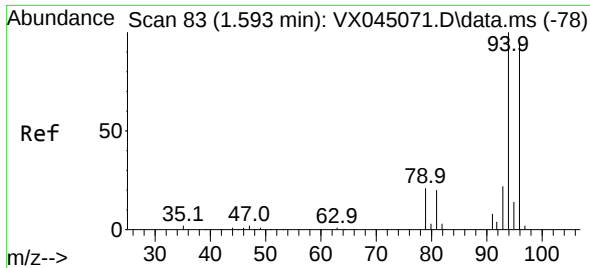
Tgt Ion: 50 Resp: 66586
Ion Ratio Lower Upper
50 100
52 30.2 25.0 37.4



#4
Vinyl Chloride
Concen: 52.056 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 62 Resp: 62230
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5

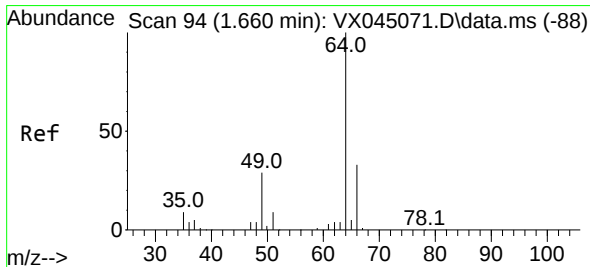
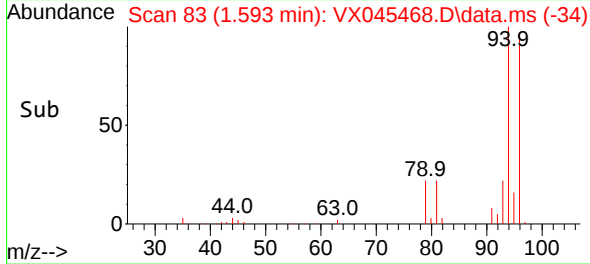
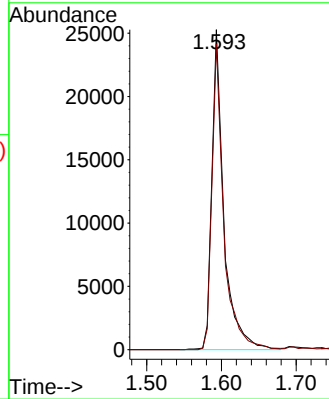
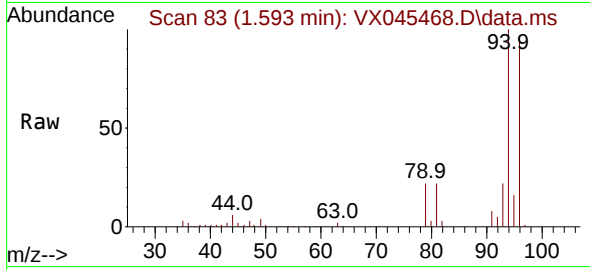




#5
Bromomethane
Concen: 59.947 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

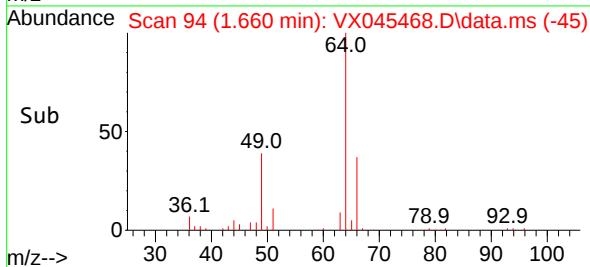
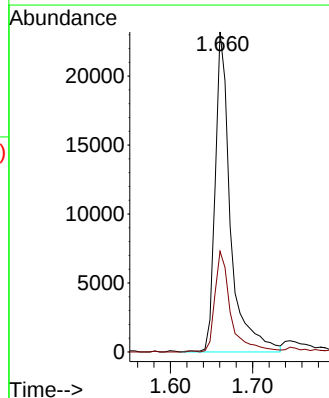
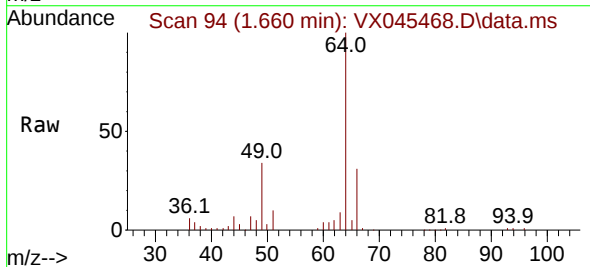
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Tgt Ion: 94 Resp: 28172
Ion Ratio Lower Upper
94 100
96 95.6 75.0 112.4



#6
Chloroethane
Concen: 54.671 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 64 Resp: 30146
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1

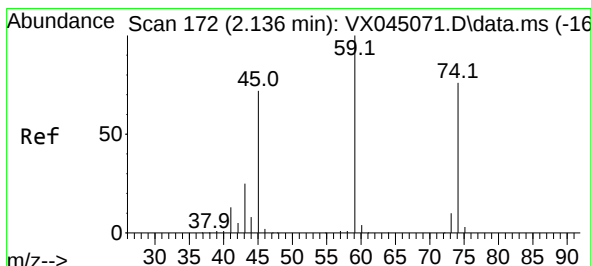
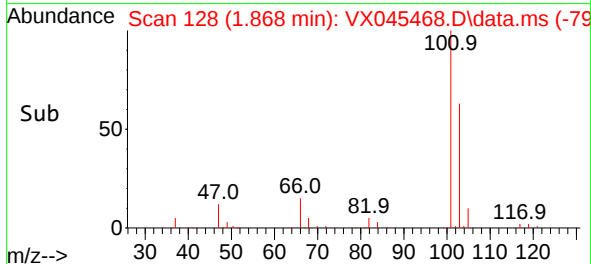
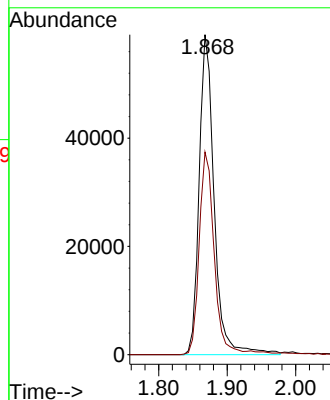
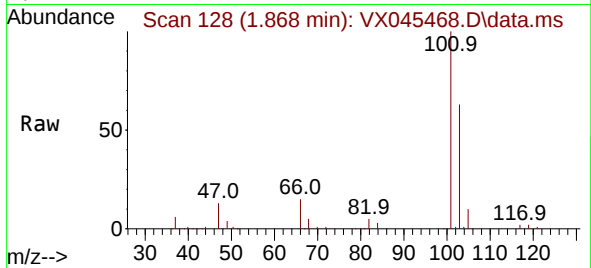




#7
Trichlorofluoromethane
Concen: 57.064 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

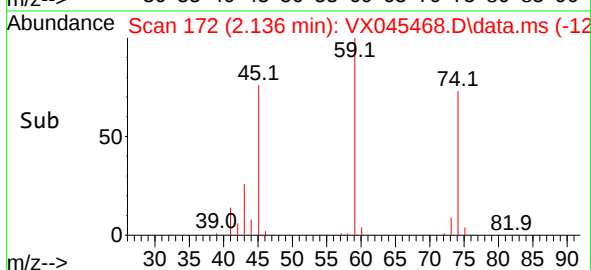
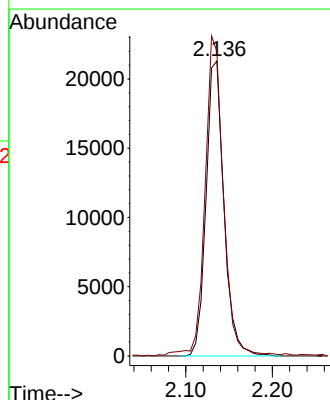
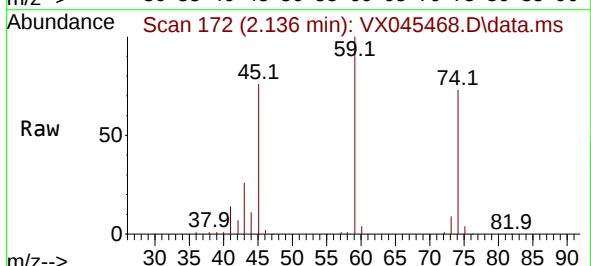
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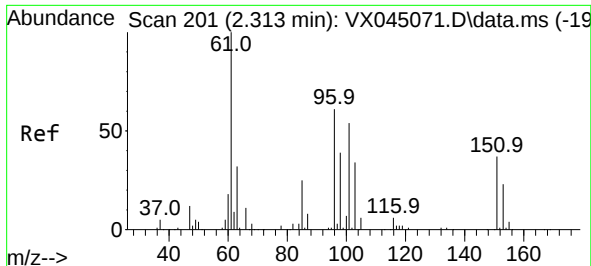
Tgt Ion:101 Resp: 90306
Ion Ratio Lower Upper
101 100
103 63.3 52.1 78.1



#8
Diethyl Ether
Concen: 49.512 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 74 Resp: 30648
Ion Ratio Lower Upper
74 100
45 111.1 51.5 154.5

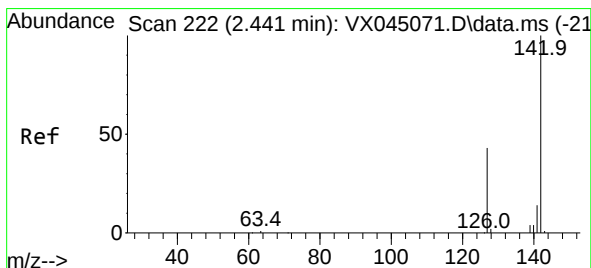
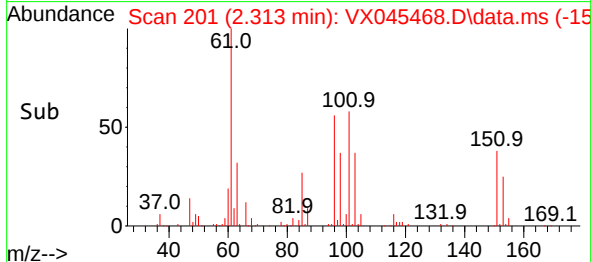
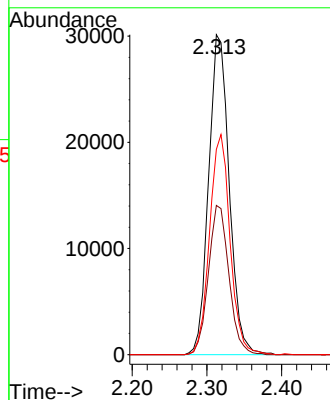
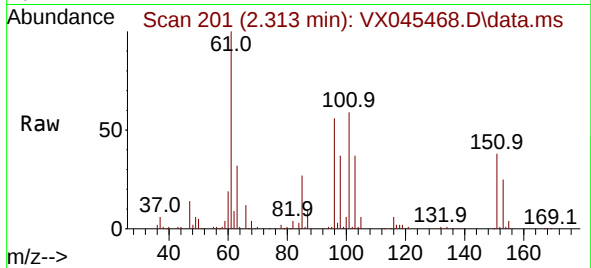




#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.438 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

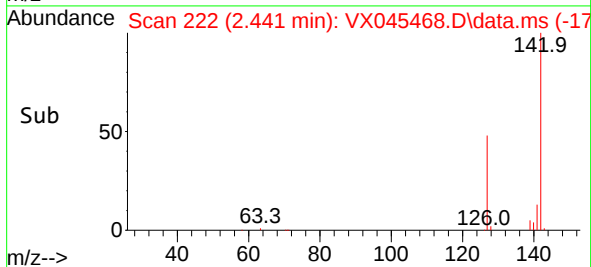
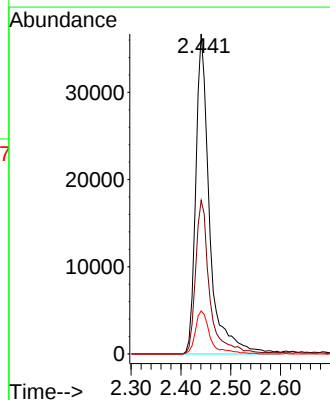
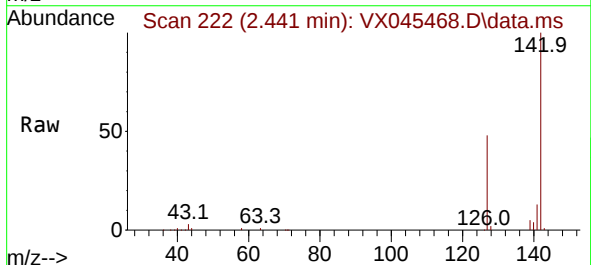
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

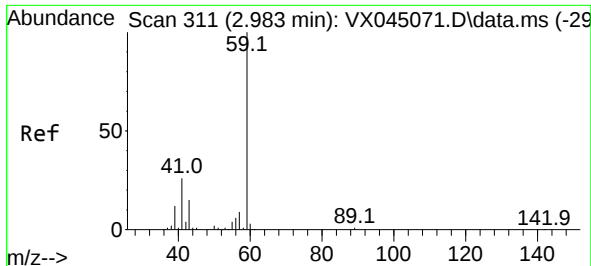
Tgt Ion:101 Resp: 57678
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 68.6 56.4 84.6



#10
Methyl Iodide
Concen: 62.527 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:142 Resp: 71045
Ion Ratio Lower Upper
142 100
127 48.7 35.4 53.2
141 14.4 11.6 17.4

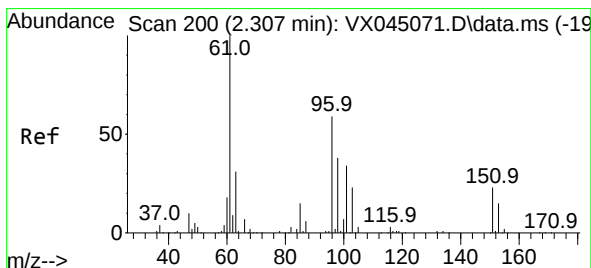
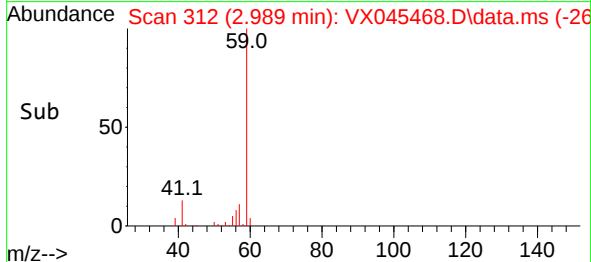
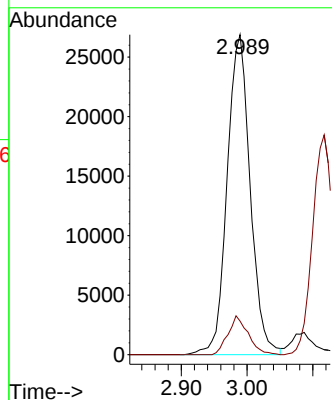
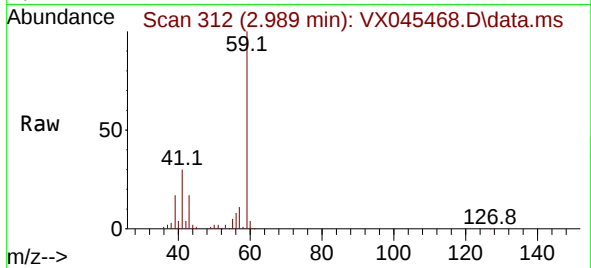




#11
Tert butyl alcohol
Concen: 278.091 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

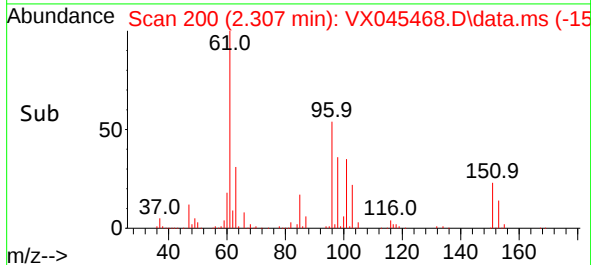
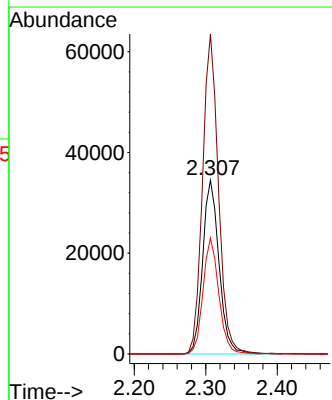
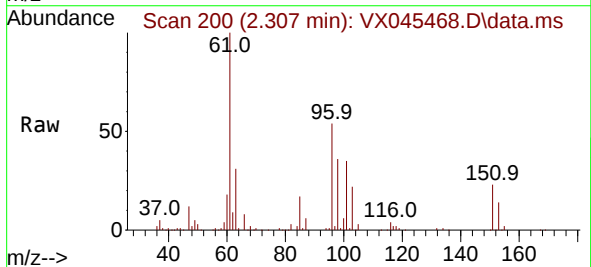
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

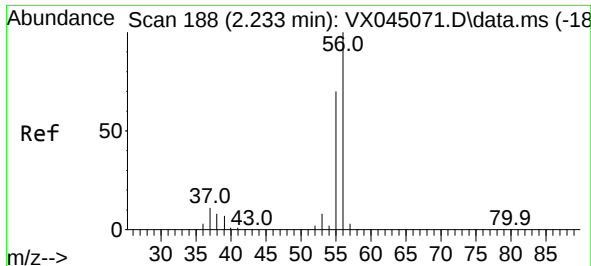
Tgt Ion: 59 Resp: 65545
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 57.087 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 96 Resp: 54875
Ion Ratio Lower Upper
96 100
61 184.2 134.6 202.0
98 66.8 51.0 76.6

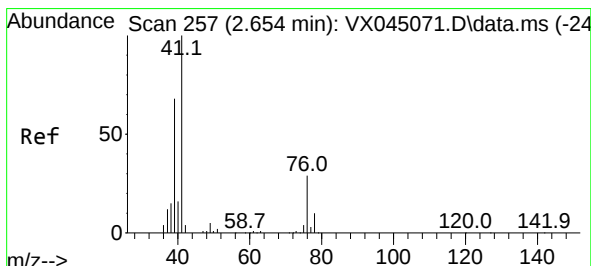
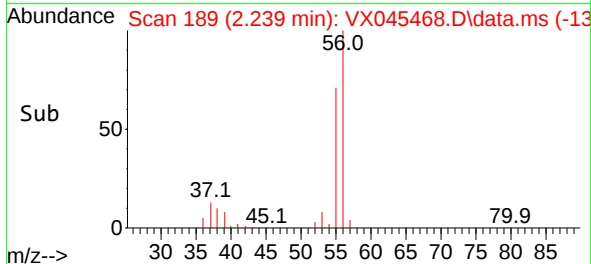
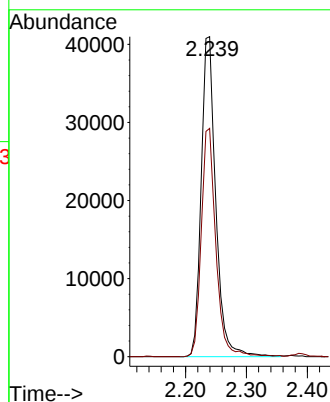
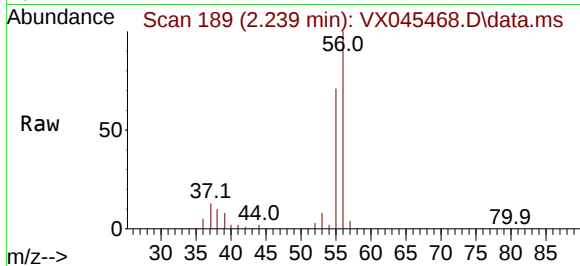




#13
Acrolein
Concen: 250.534 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

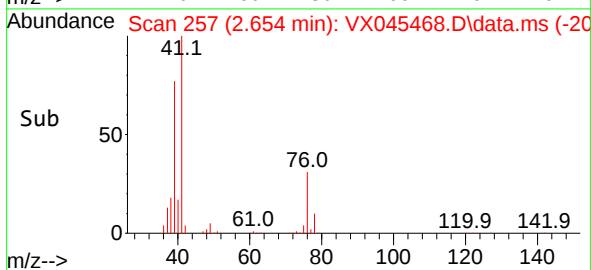
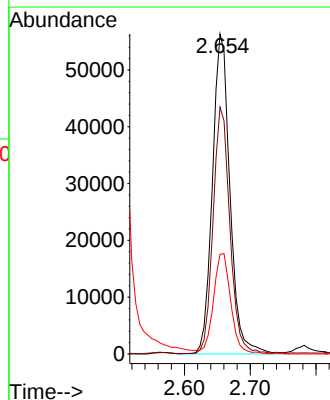
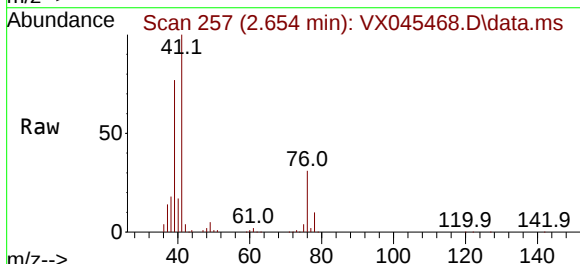
Instrument : MSVOA_X
ClientSampleId : TT188S1-20250320MSD

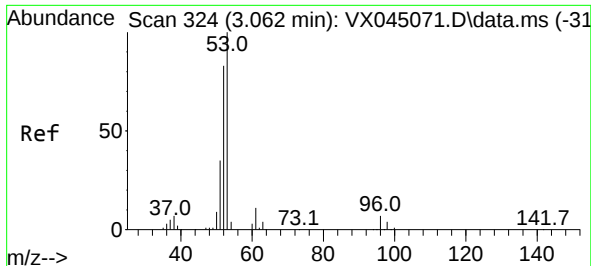
Tgt Ion: 56 Resp: 68260
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.4



#14
Allyl chloride
Concen: 61.284 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 41 Resp: 104862
Ion Ratio Lower Upper
41 100
39 73.3 53.8 80.8
76 30.8 25.2 37.8

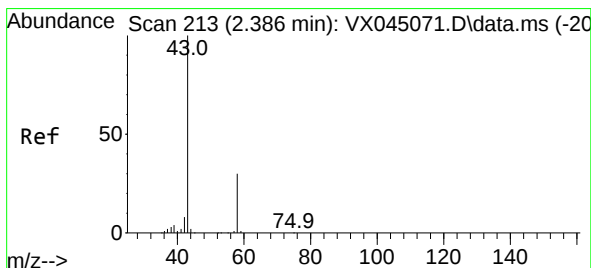
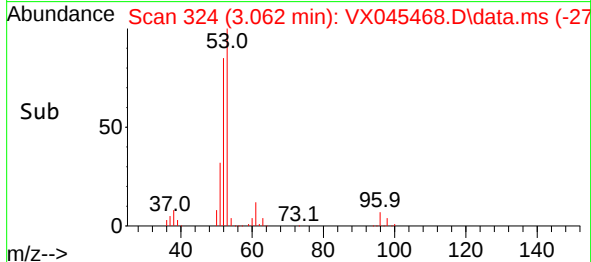
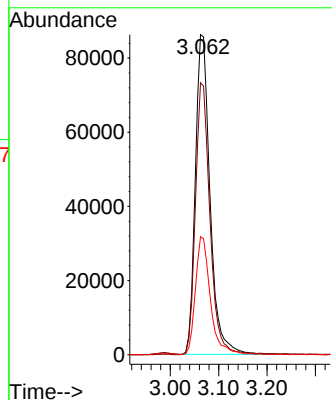
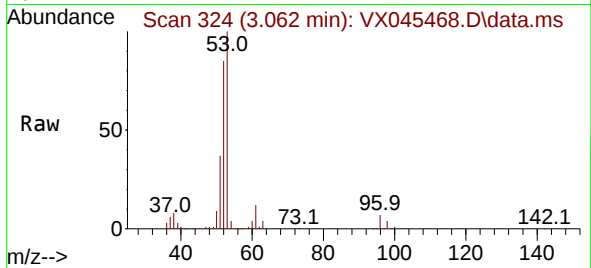




#15
Acrylonitrile
Concen: 288.335 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

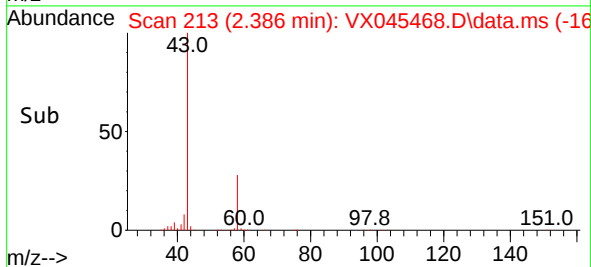
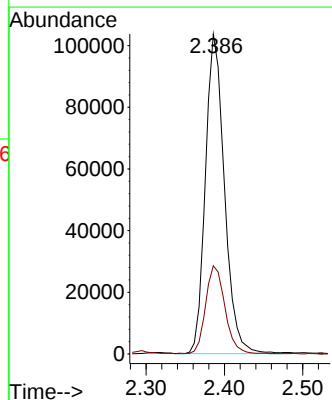
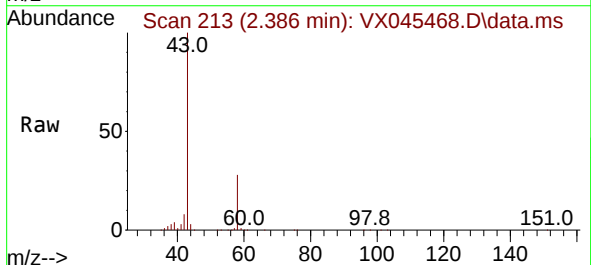
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

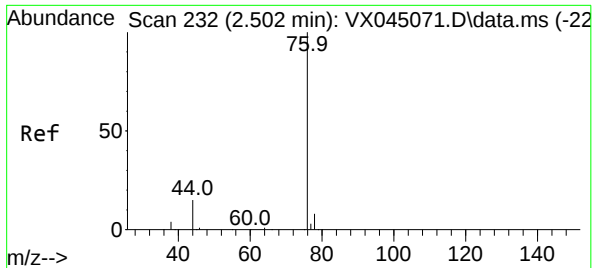
Tgt Ion: 53 Resp: 182139
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.3 29.0 43.4



#16
Acetone
Concen: 302.689 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 43 Resp: 174752
Ion Ratio Lower Upper
43 100
58 27.5 24.2 36.4

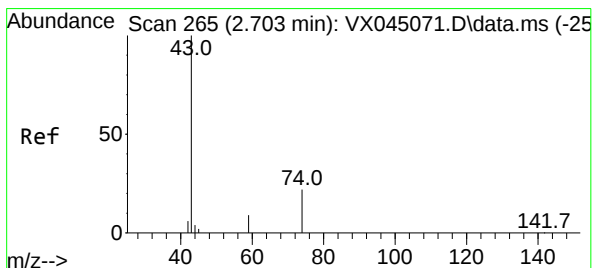
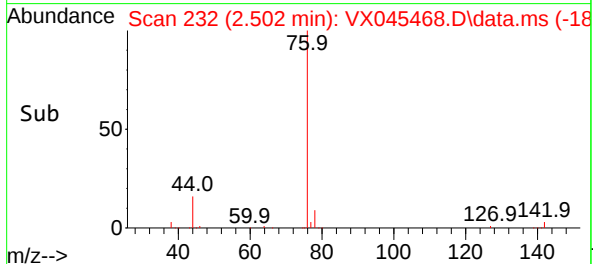
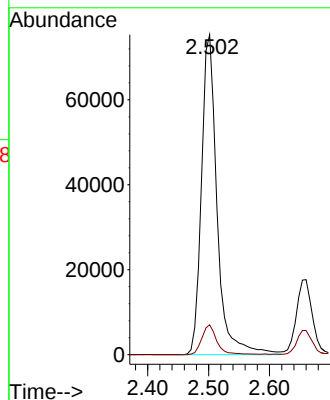
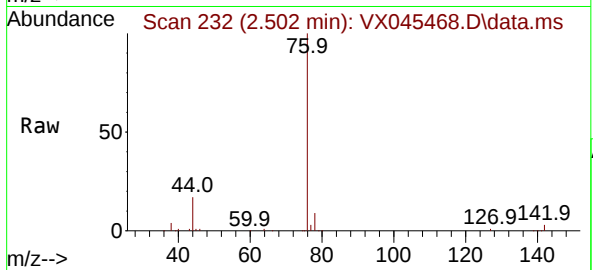




#17
Carbon Disulfide
Concen: 52.555 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

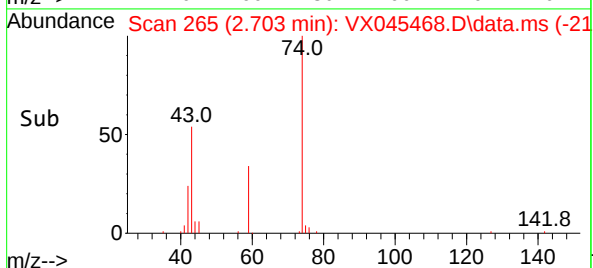
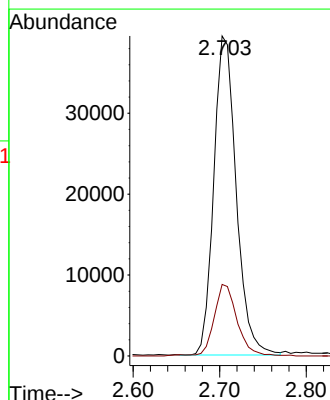
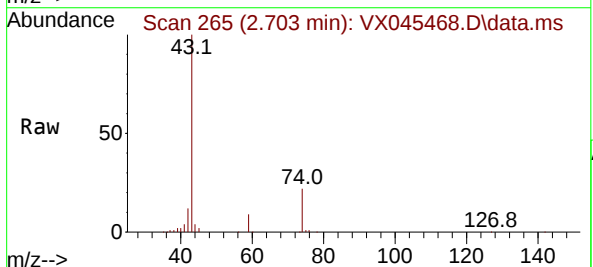
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

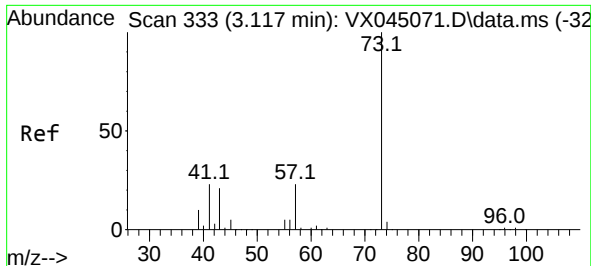
Tgt Ion: 76 Resp: 134555
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8



#18
Methyl Acetate
Concen: 51.211 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 43 Resp: 71126
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.2

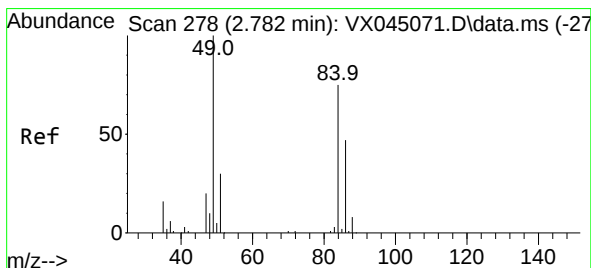
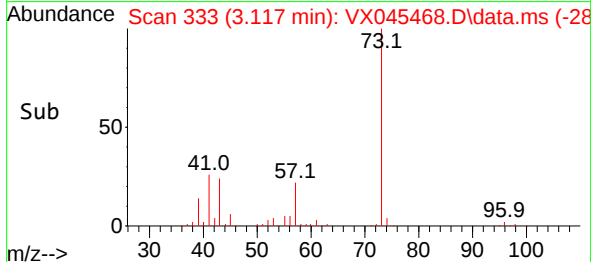
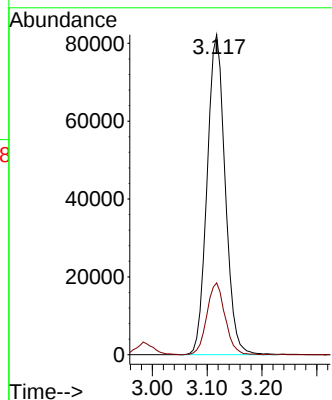
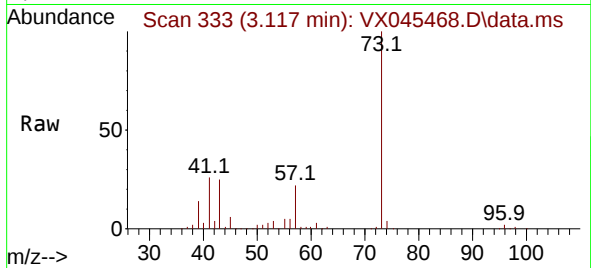




#19
Methyl tert-butyl Ether
Concen: 58.328 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

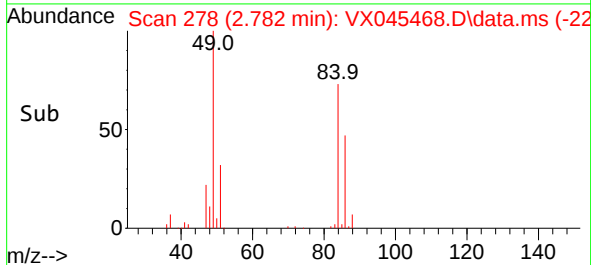
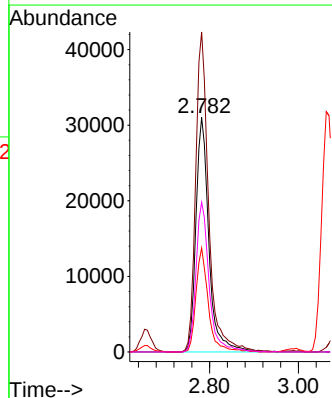
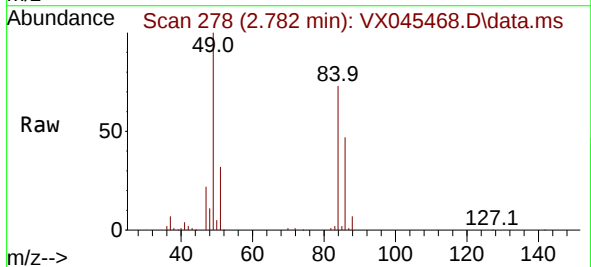
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

Tgt Ion: 73 Resp: 188109
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7



#20
Methylene Chloride
Concen: 55.042 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 84 Resp: 62947
Ion Ratio Lower Upper
84 100
49 136.5 106.5 159.7
51 44.3 32.1 48.1
86 63.9 50.0 75.0

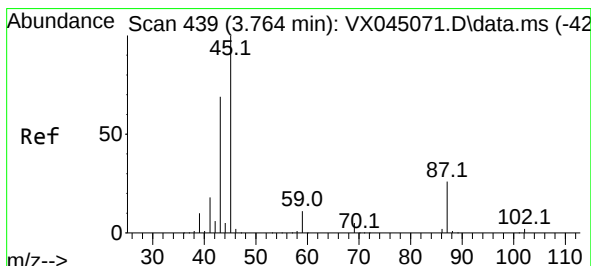
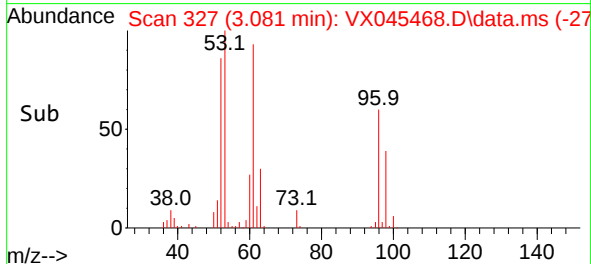
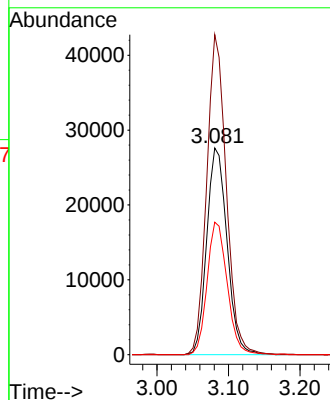
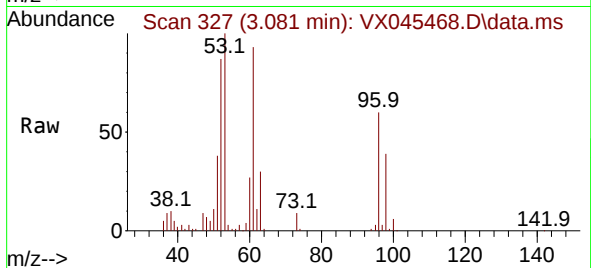




#21
trans-1,2-Dichloroethene
Concen: 57.460 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

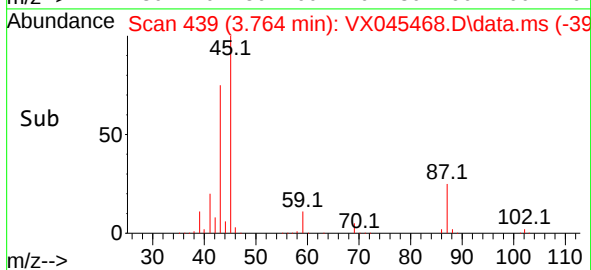
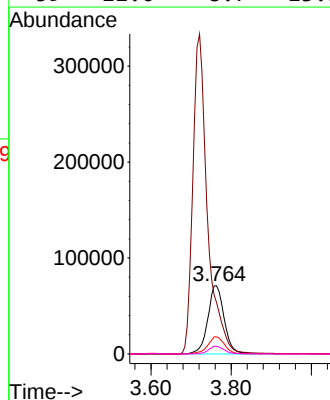
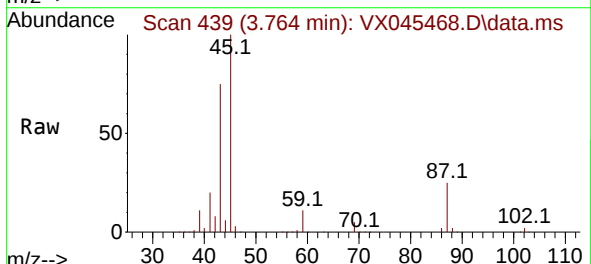
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

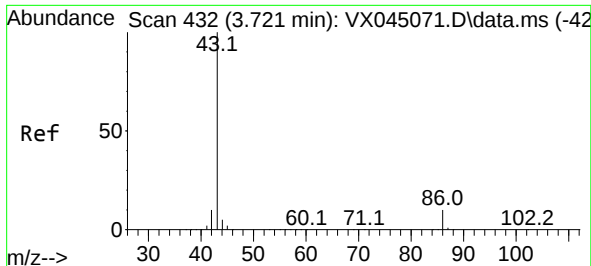
Tgt Ion: 96 Resp: 54567
Ion Ratio Lower Upper
96 100
61 154.9 117.0 175.4
98 64.1 53.4 80.2



#22
Diisopropyl ether
Concen: 58.258 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 45 Resp: 202733
Ion Ratio Lower Upper
45 100
43 75.3 54.9 82.3
87 25.1 21.0 31.4
59 11.0 8.7 13.1

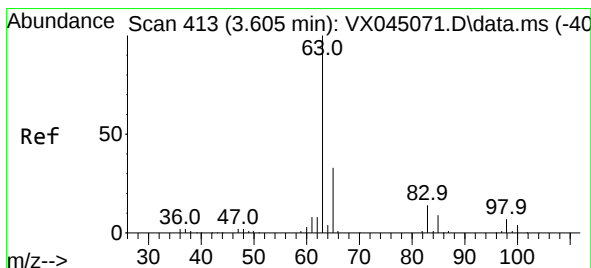
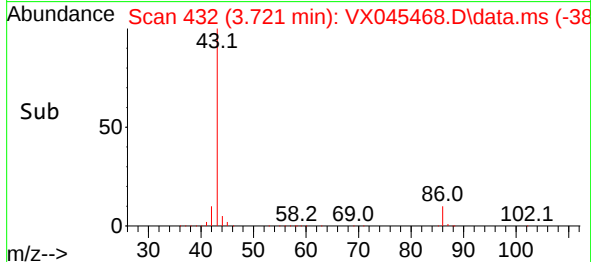
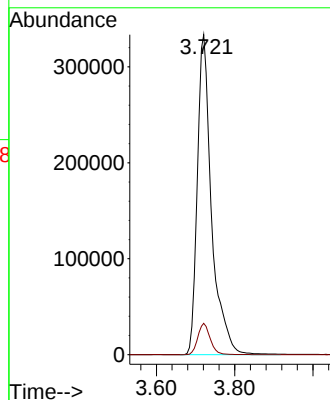
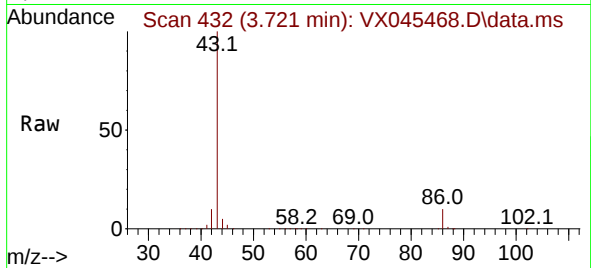




#23
 Vinyl Acetate
 Concen: 291.450 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

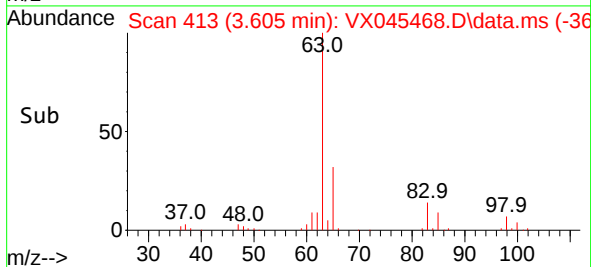
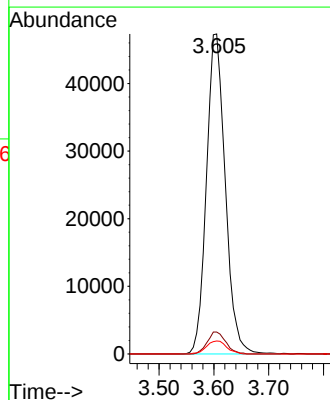
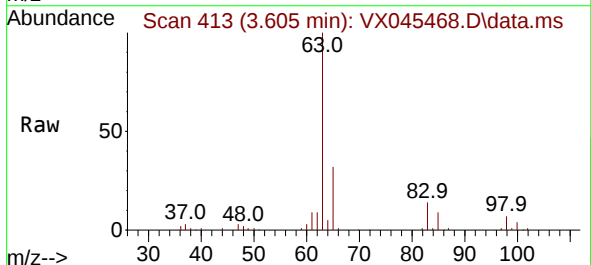
Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MSD

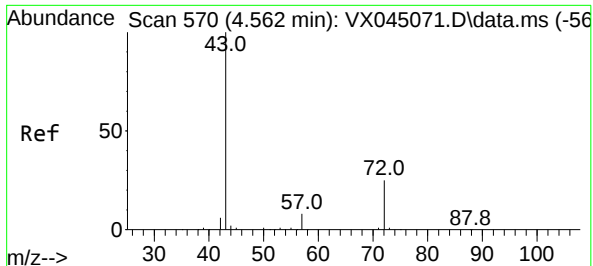
Tgt Ion: 43 Resp: 846377
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 57.703 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

Tgt Ion: 63 Resp: 112537
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.1 2.1 6.5

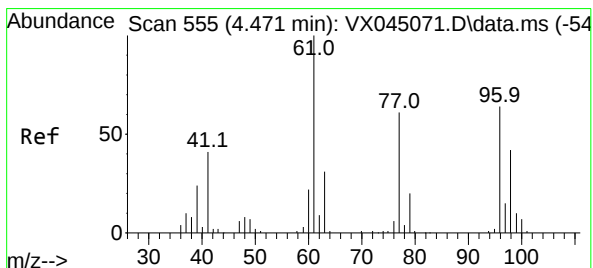
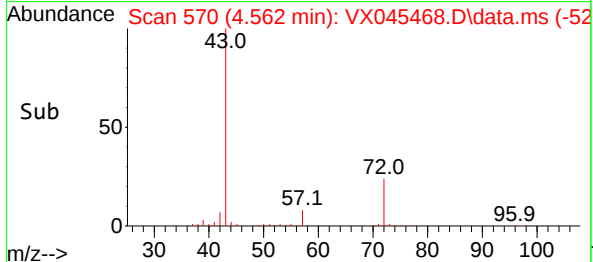
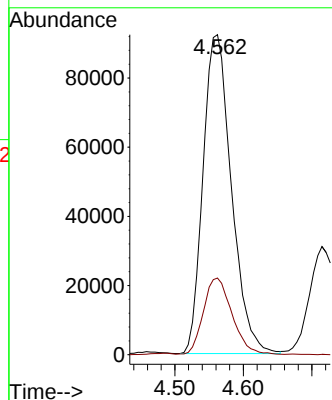
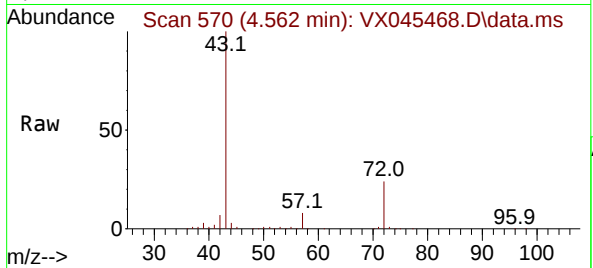




#25
2-Butanone
Concen: 305.711 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

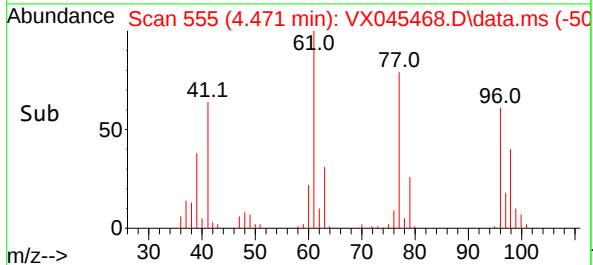
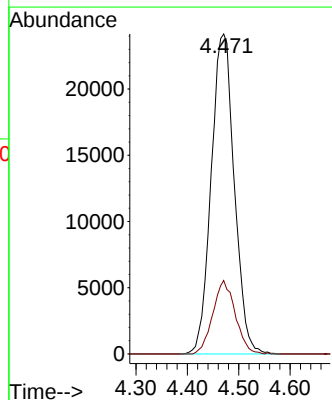
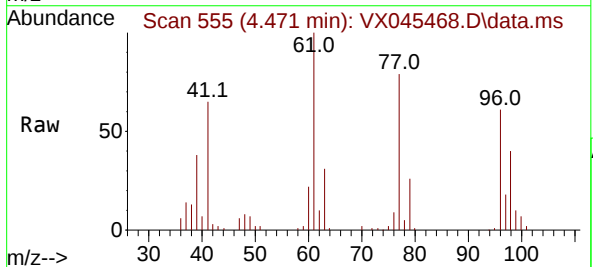
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

Tgt Ion: 43 Resp: 265671
Ion Ratio Lower Upper
43 100
72 23.9 20.0 30.0



#26
2,2-Dichloropropane
Concen: 82.434 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 77 Resp: 75408
Ion Ratio Lower Upper
77 100
97 22.3 12.4 37.0

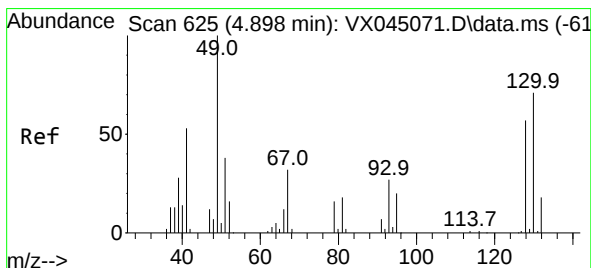
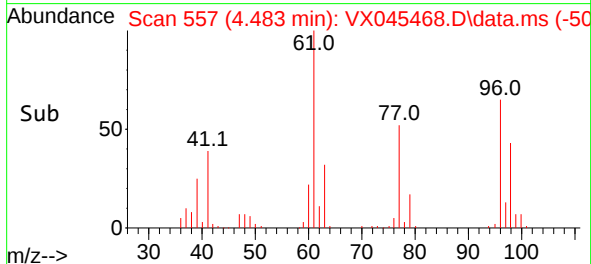
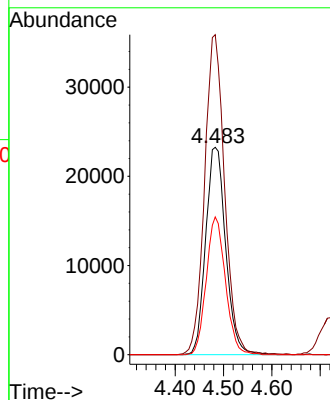
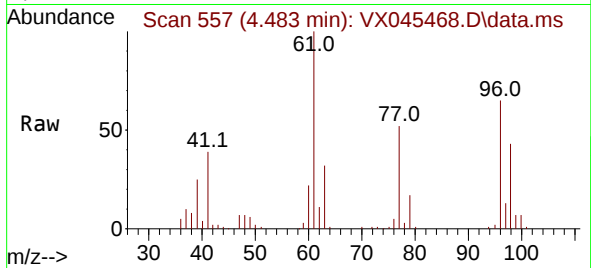




#27
 cis-1,2-Dichloroethene
 Concen: 56.906 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

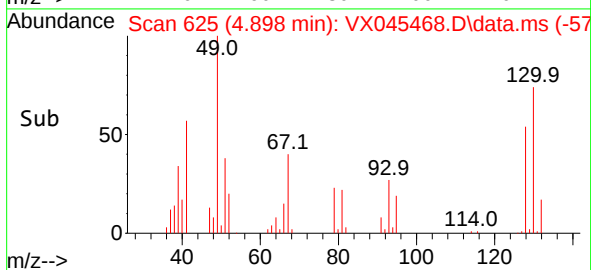
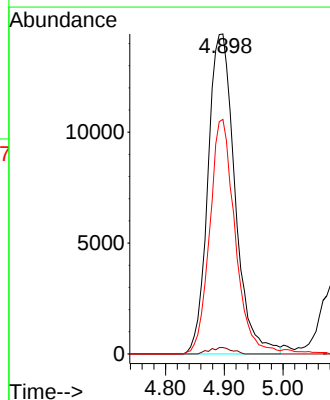
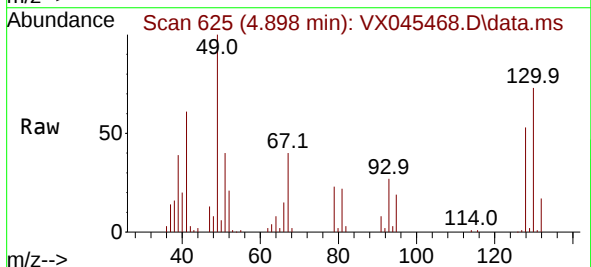
Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MSD

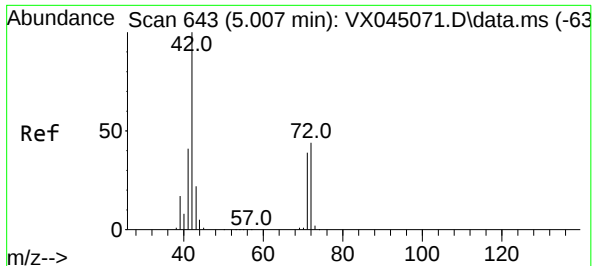
Tgt Ion:	96	Resp:	66711
Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	283.2
98	63.8	0.0	128.0



#28
 Bromochloromethane
 Concen: 49.551 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

Tgt Ion:	49	Resp:	46062
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	68.8	56.1	84.1





#29

Tetrahydrofuran

Concen: 288.508 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

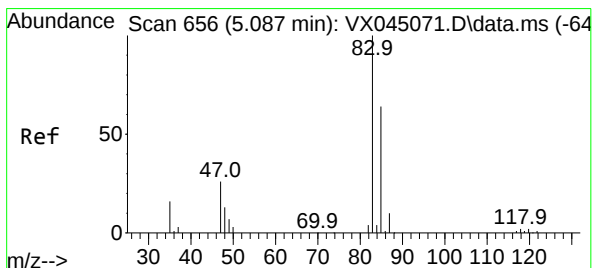
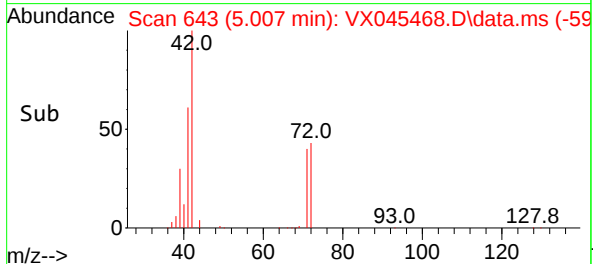
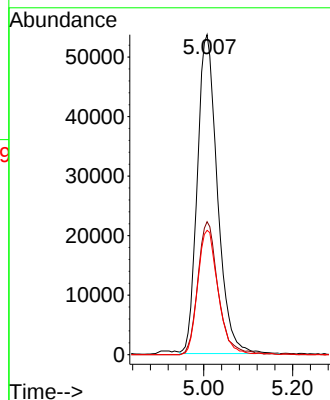
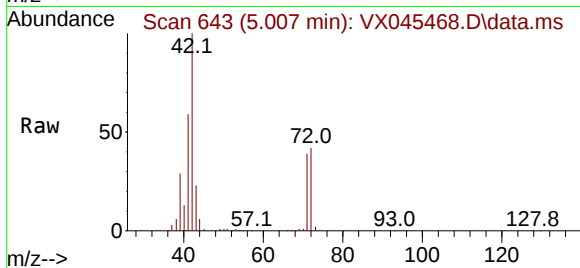
Tgt Ion: 42 Resp: 168372

Ion Ratio Lower Upper

42 100

72 42.3 34.1 51.1

71 39.6 31.4 47.0



#30

Chloroform

Concen: 59.557 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045468.D

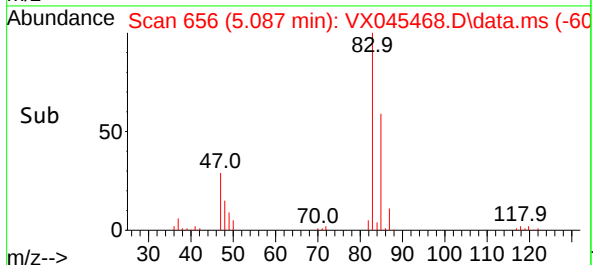
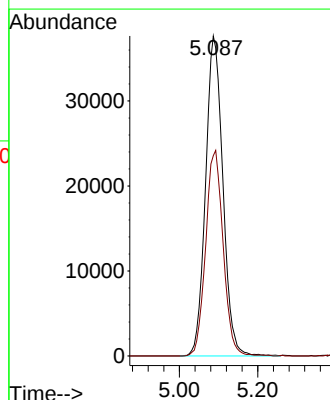
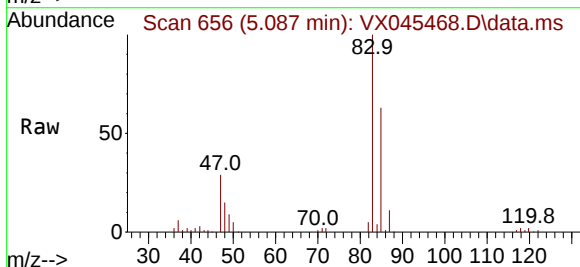
Acq: 26 Mar 2025 14:29

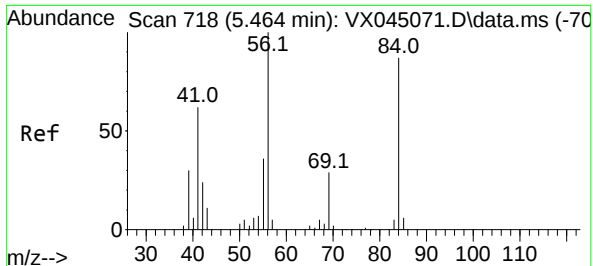
Tgt Ion: 83 Resp: 115410

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.2

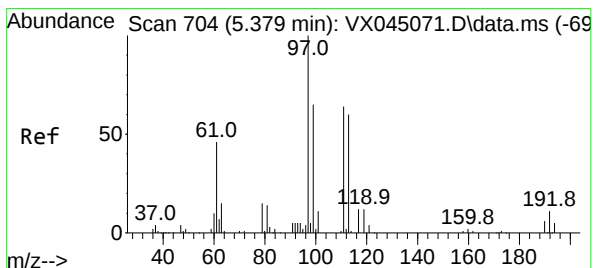
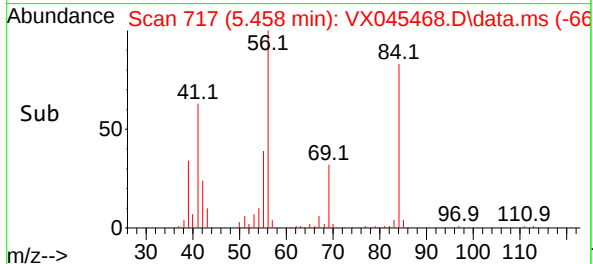
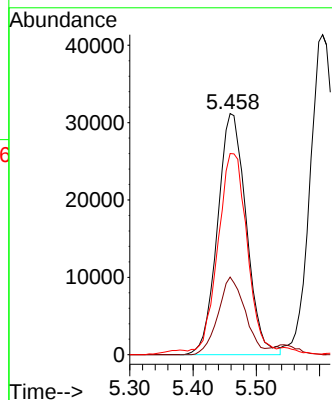
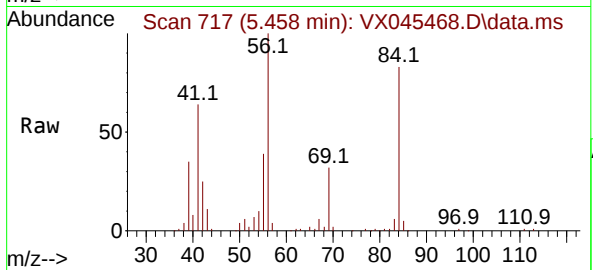




#31
Cyclohexane
Concen: 58.020 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

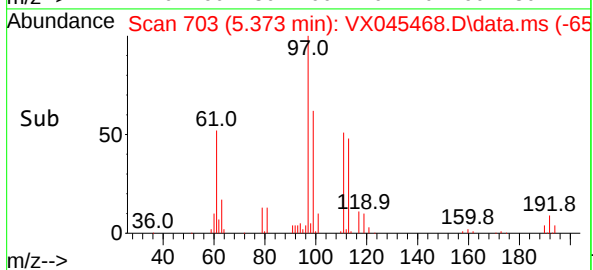
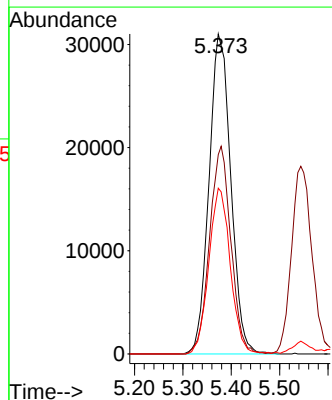
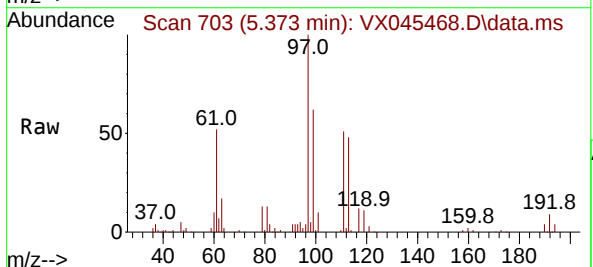
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

Tgt Ion: 56 Resp: 98225
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.2
84 81.5 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 61.995 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 97 Resp: 97027
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 51.3 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 56.344 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

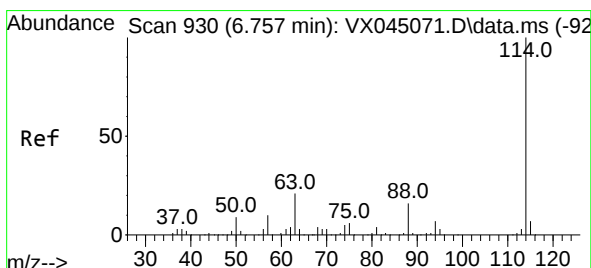
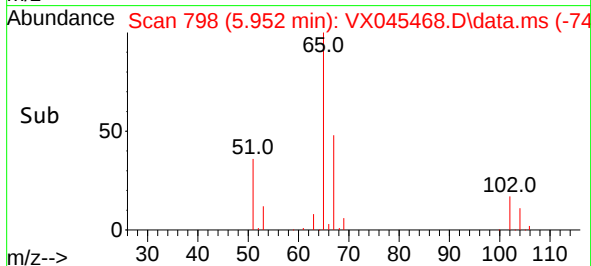
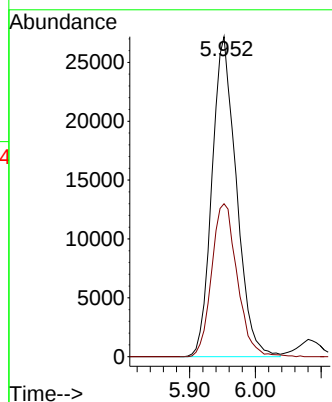
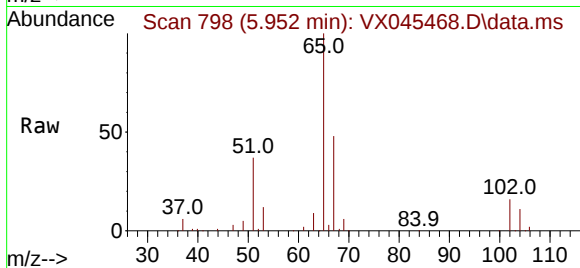
TT188S1-20250320MSD

Tgt Ion: 65 Resp: 70110

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

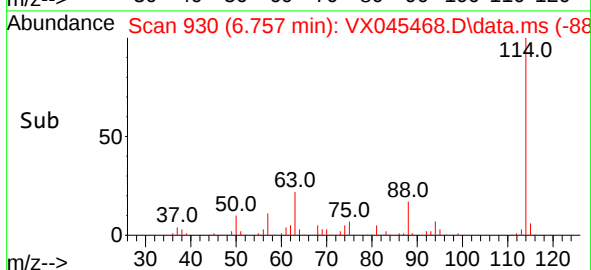
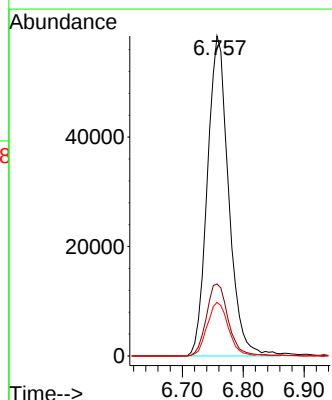
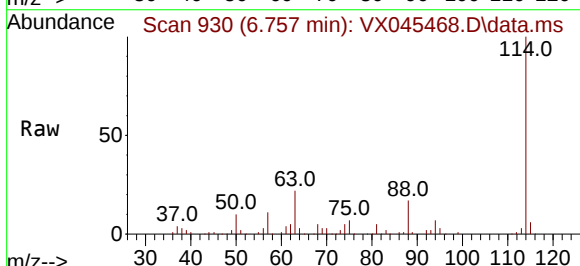
Tgt Ion: 114 Resp: 141777

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.8 0.0 32.8

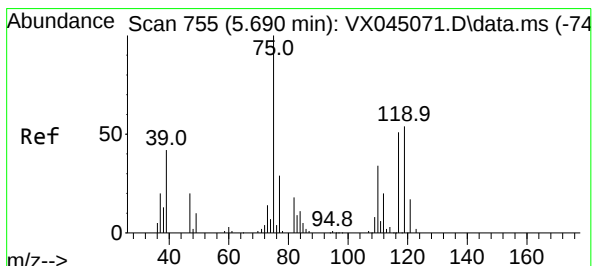
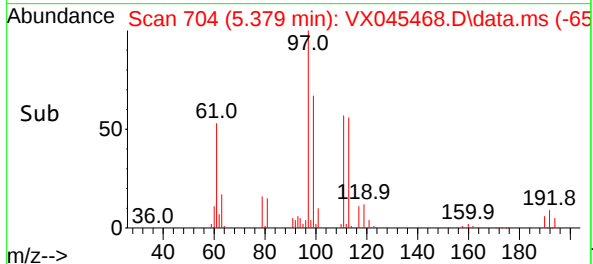
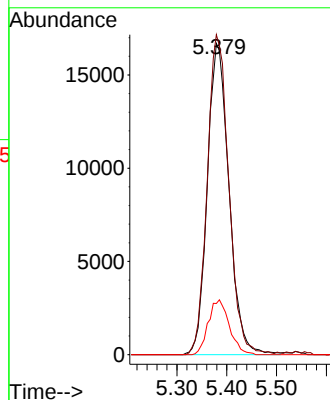
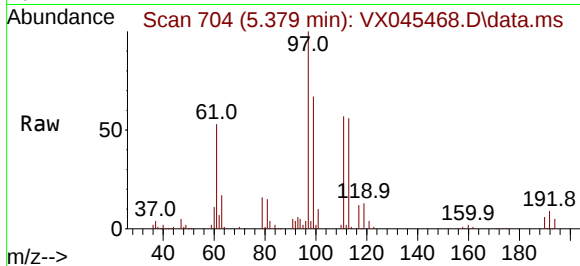




#35
Dibromofluoromethane
Concen: 52.997 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

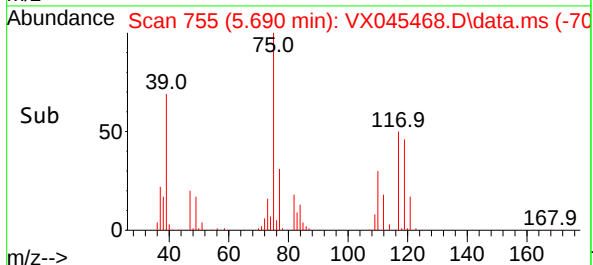
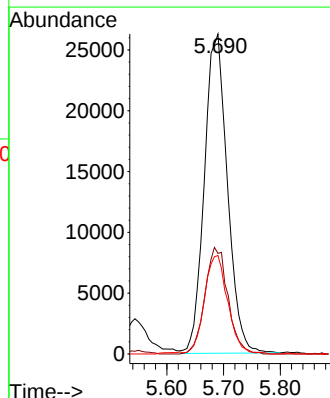
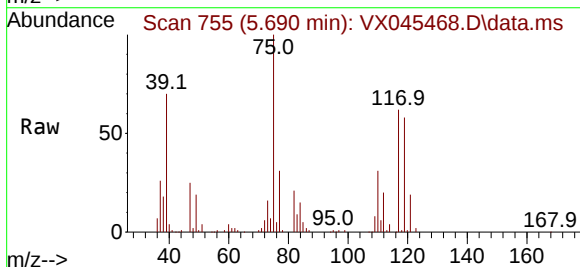
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

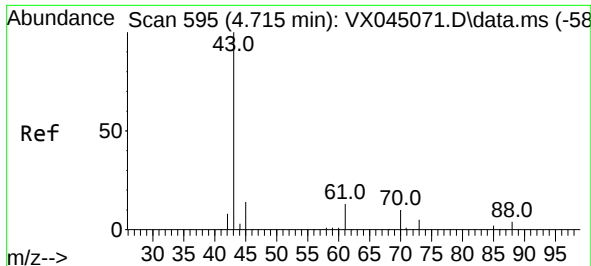
Tgt Ion:113 Resp: 50243
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 57.103 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 75 Resp: 74241
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.6
77 31.6 24.5 36.7





#37

Ethyl Acetate

Concen: 55.257 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

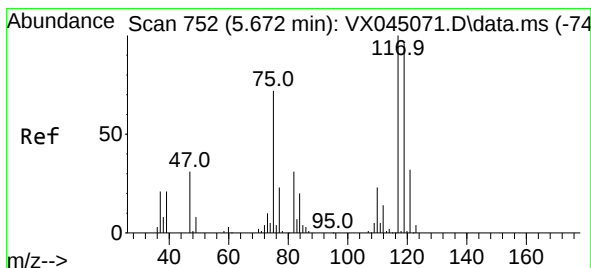
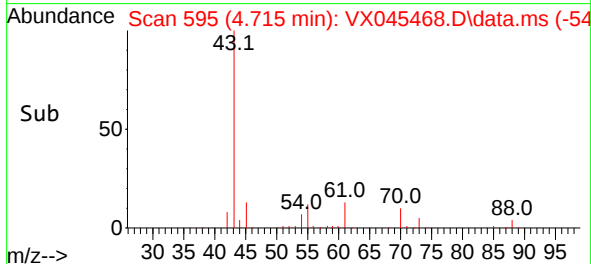
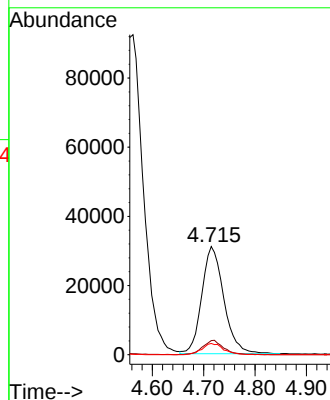
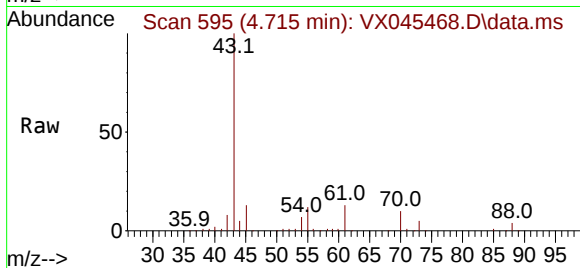
Tgt Ion: 43 Resp: 92572

Ion Ratio Lower Upper

43 100

61 12.7 10.8 16.2

70 10.0 7.7 11.5



#38

Carbon Tetrachloride

Concen: 61.239 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

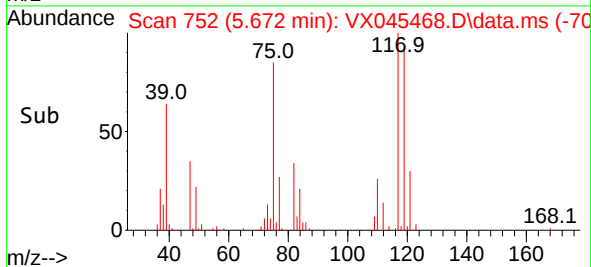
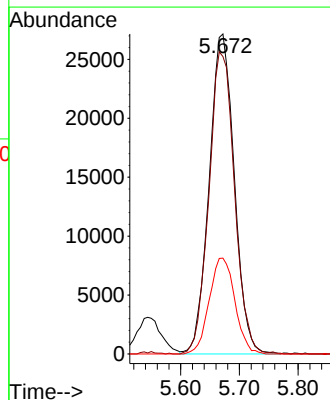
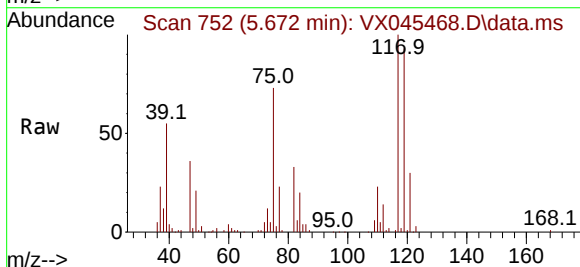
Tgt Ion: 117 Resp: 80831

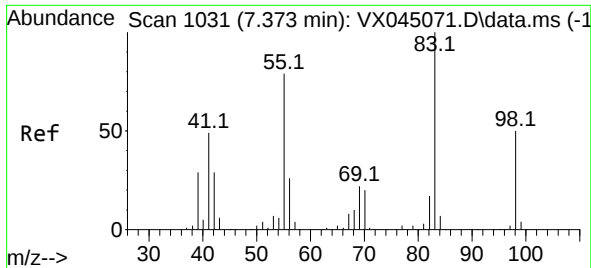
Ion Ratio Lower Upper

117 100

119 93.0 76.7 115.1

121 30.0 25.5 38.3

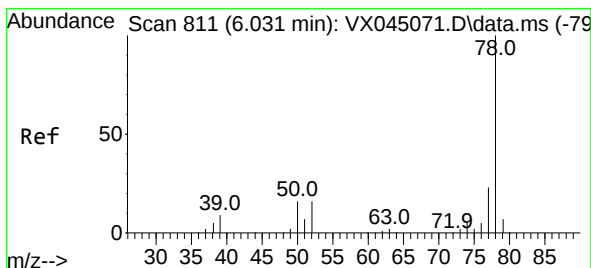
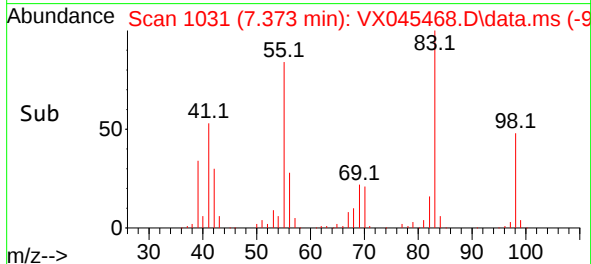
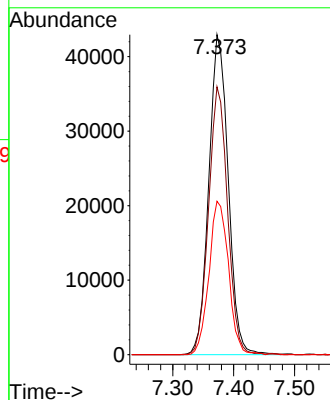
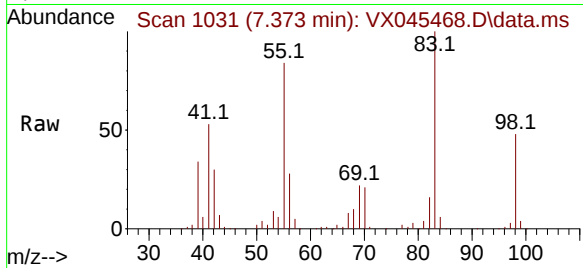




#39
Methylcyclohexane
Concen: 60.989 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

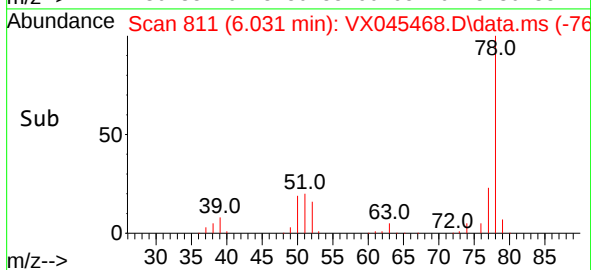
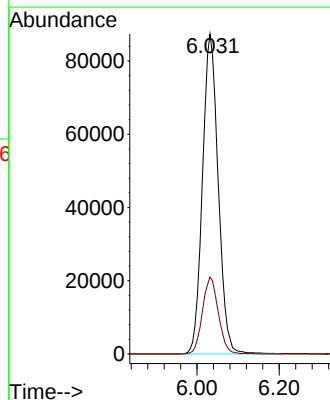
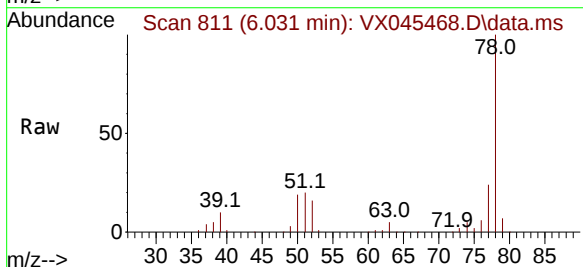
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

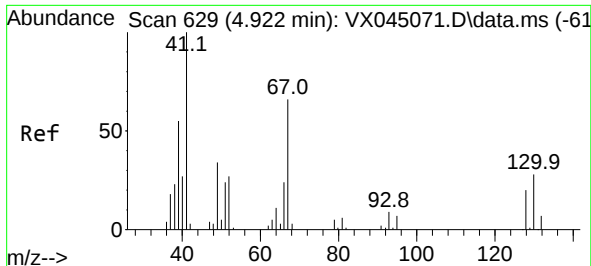
Tgt Ion: 83	Resp: 95012
Ion Ratio	Lower Upper
83	100
55	83.7 63.0 94.4
98	47.9 39.7 59.5



#40
Benzene
Concen: 56.503 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 78	Resp: 231971
Ion Ratio	Lower Upper
78	100
77	24.0 18.8 28.2

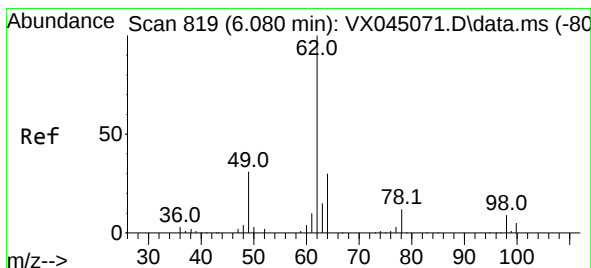
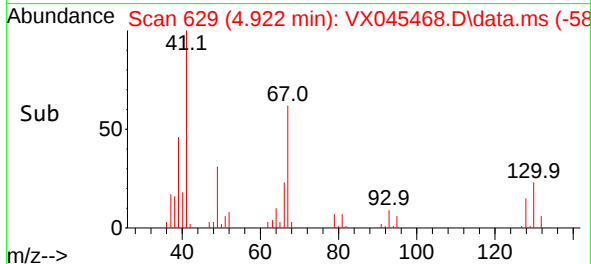
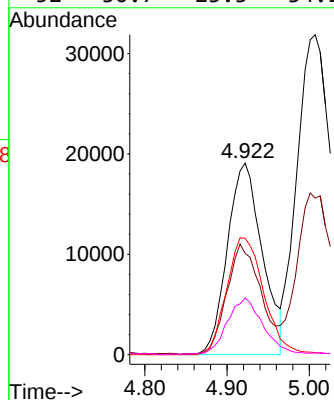
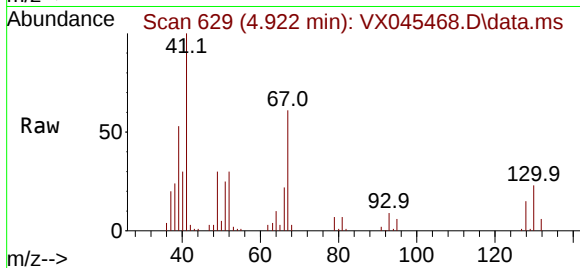




#41
Methacrylonitrile
Concen: 62.268 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

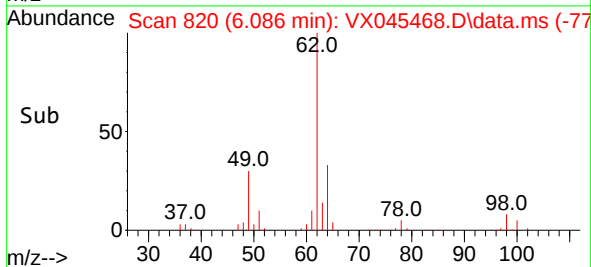
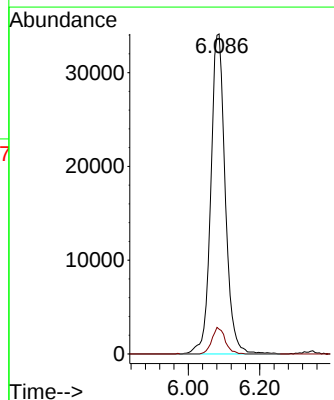
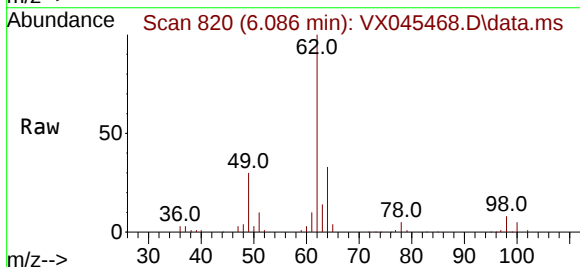
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

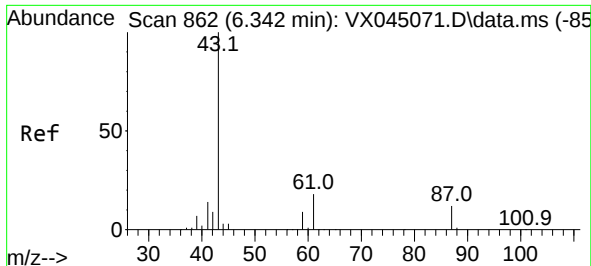
Tgt Ion:	41	Resp:	56406
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.6	67.0
67	65.2	53.9	80.9
52	30.7	23.3	34.9



#42
1,2-Dichloroethane
Concen: 64.791 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:	62	Resp:	95787
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	18.2

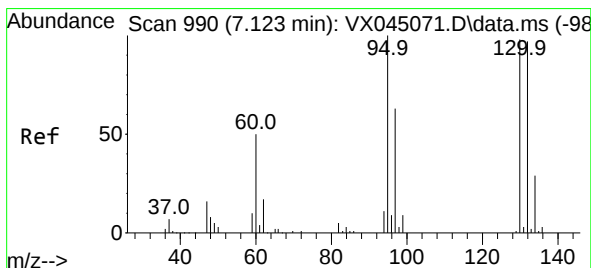
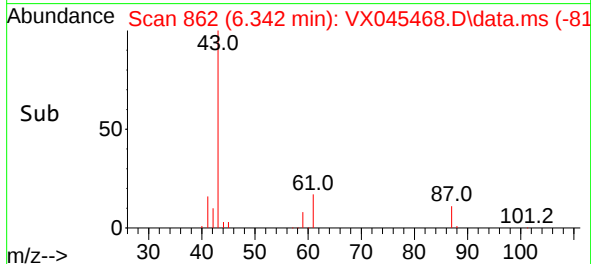
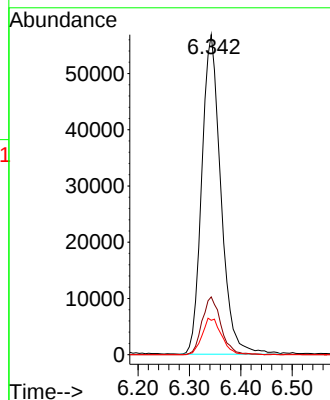
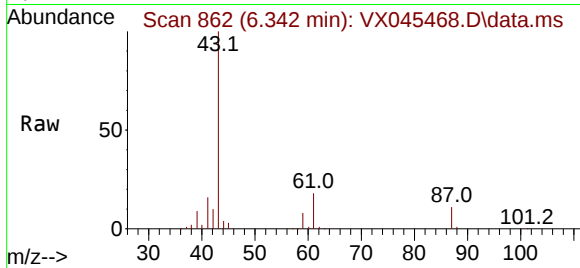




#43
Isopropyl Acetate
Concen: 59.161 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

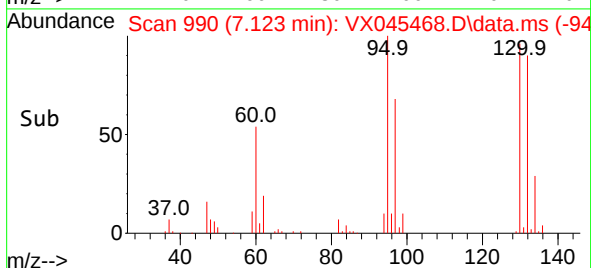
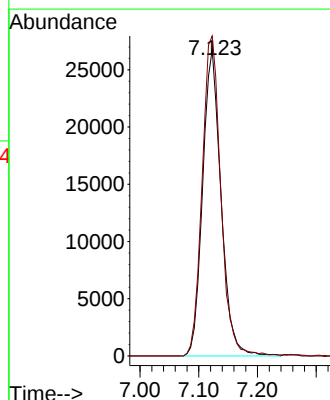
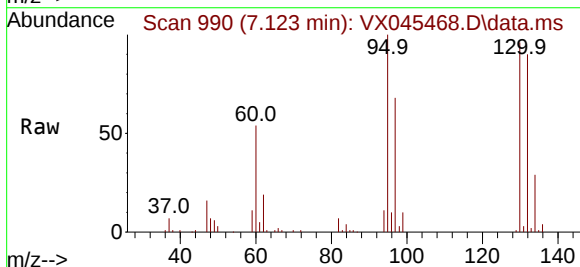
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

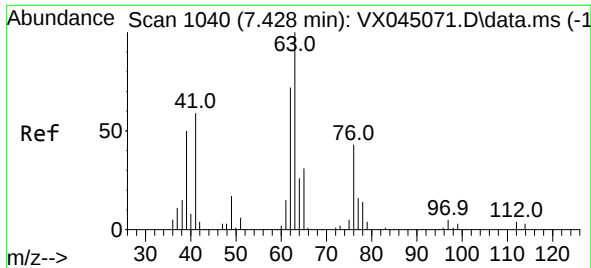
Tgt Ion: 43 Resp: 146559
Ion Ratio Lower Upper
43 100
61 17.9 14.9 22.3
87 11.5 9.4 14.2



#44
Trichloroethene
Concen: 60.433 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:130 Resp: 58258
Ion Ratio Lower Upper
130 100
95 104.5 0.0 205.0

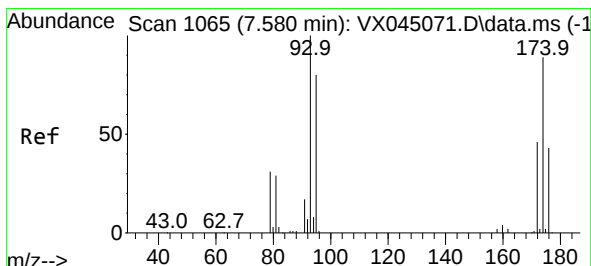
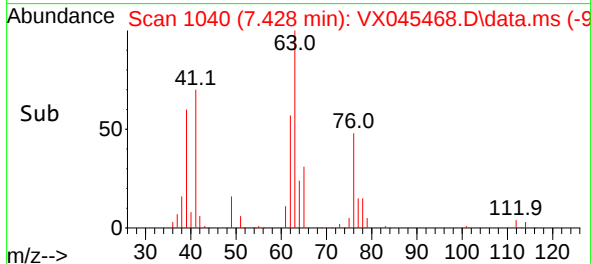
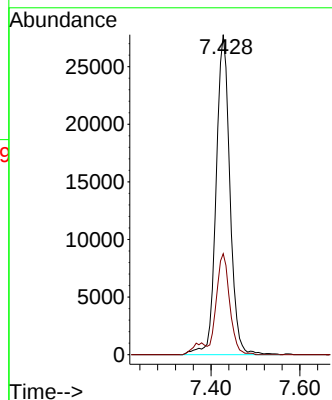
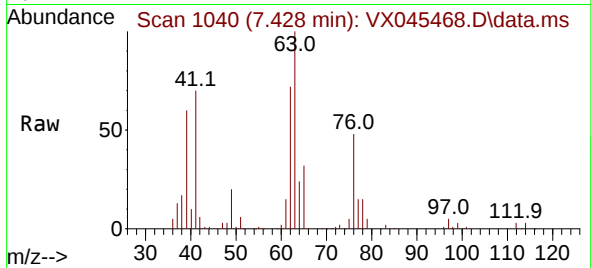




#45
1,2-Dichloropropane
Concen: 56.753 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

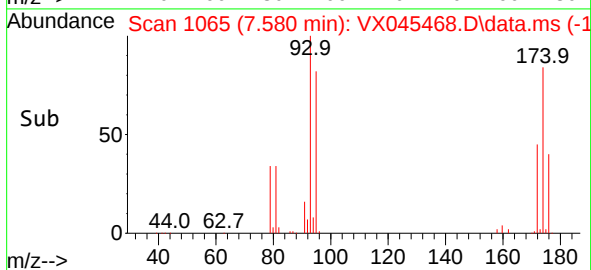
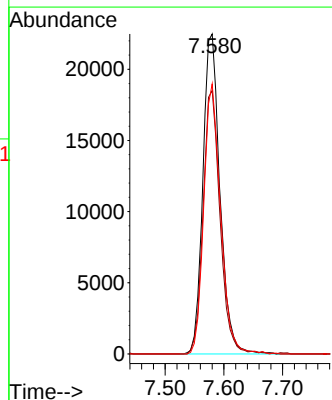
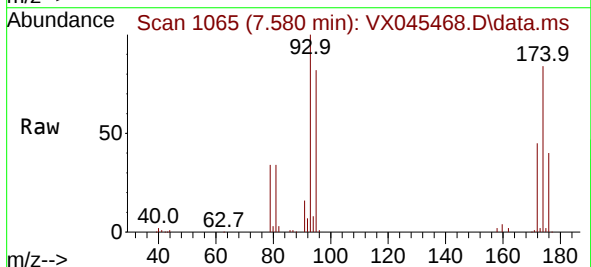
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

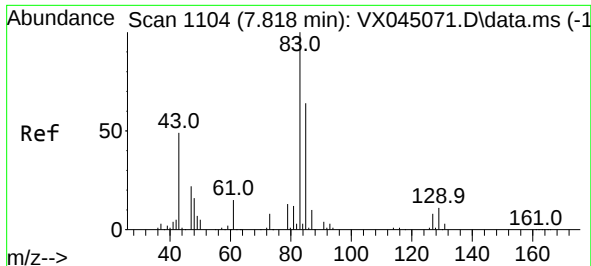
Tgt Ion: 63 Resp: 59906
Ion Ratio Lower Upper
63 100
65 31.5 24.7 37.1



#46
Dibromomethane
Concen: 61.013 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 93 Resp: 45521
Ion Ratio Lower Upper
93 100
95 81.7 65.8 98.8
174 83.2 72.2 108.2





#47

Bromodichloromethane

Concen: 61.024 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

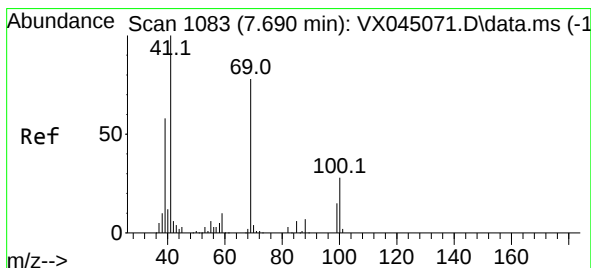
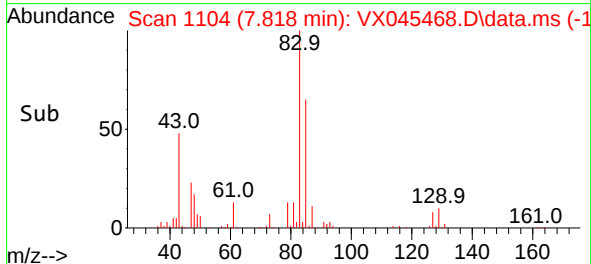
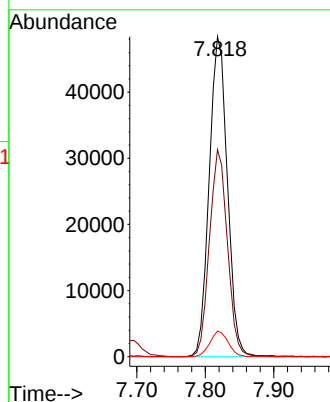
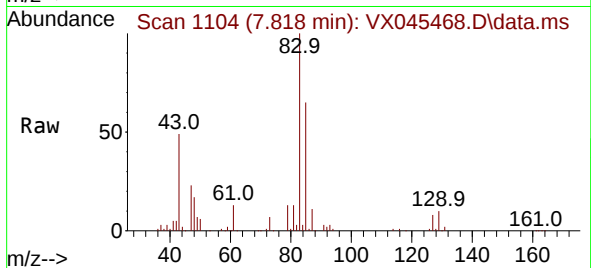
Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

Tgt Ion: 83	Resp: 89304
Ion Ratio	Lower Upper
83	100
85	64.7 51.1 76.7
127	8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 65.022 ug/l

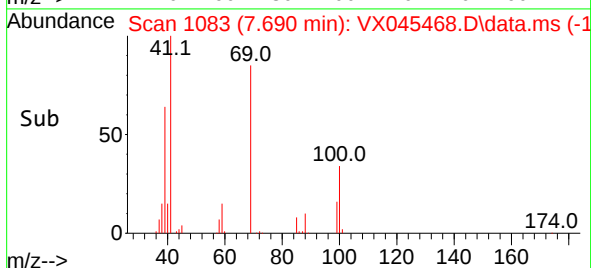
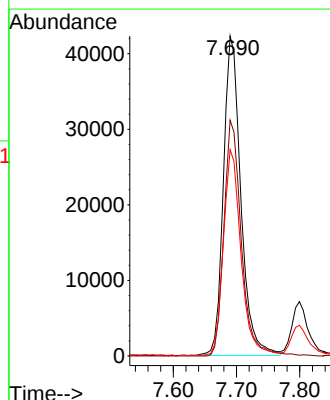
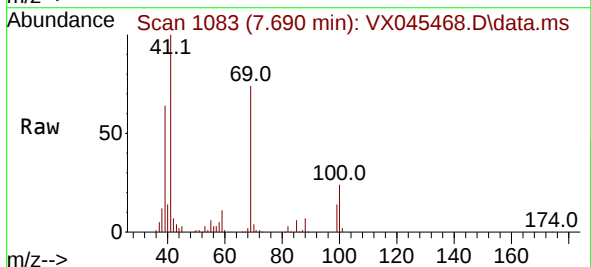
RT: 7.690 min Scan# 1083

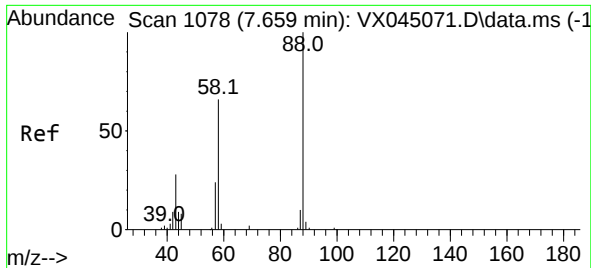
Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Tgt Ion: 41	Resp: 80811
Ion Ratio	Lower Upper
41	100
69	73.8 63.0 94.6
39	64.5 47.5 71.3

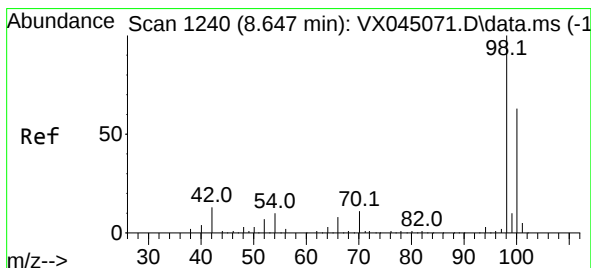
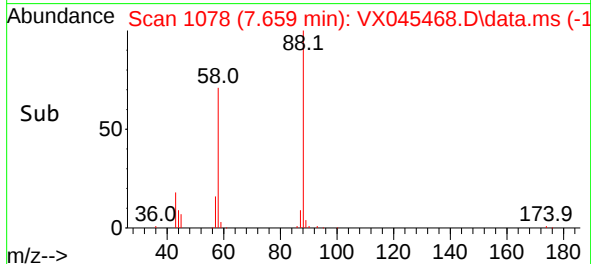
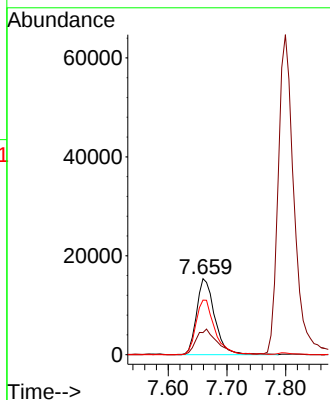
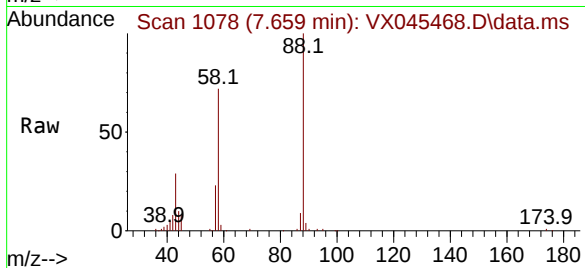




#49
1,4-Dioxane
Concen: 1256.441 ug/l
RT: 7.659 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

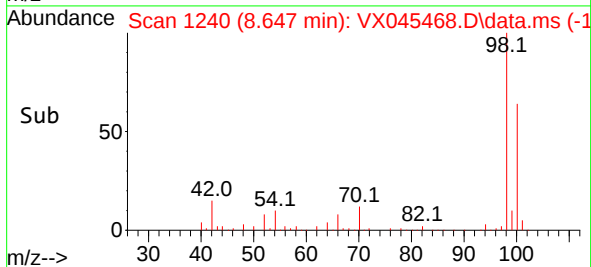
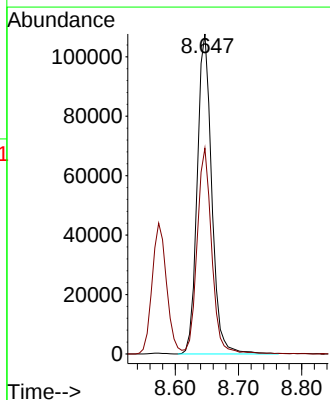
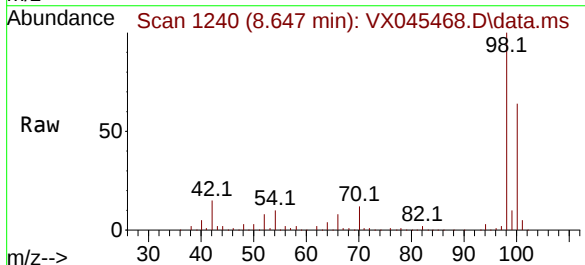
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

Tgt Ion: 88 Resp: 32939
Ion Ratio Lower Upper
88 100
43 39.8 28.7 43.1
58 73.9 55.8 83.8



#50
Toluene-d8
Concen: 50.192 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 98 Resp: 172507
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

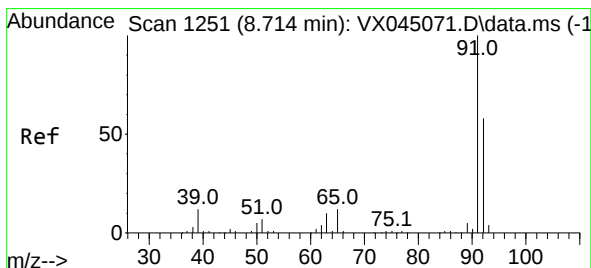
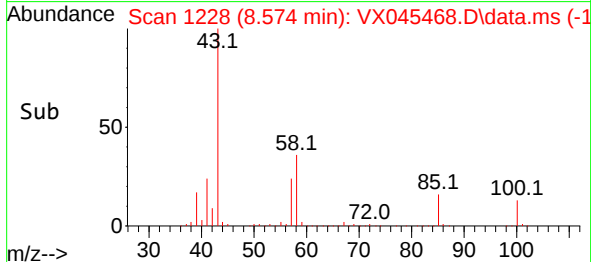
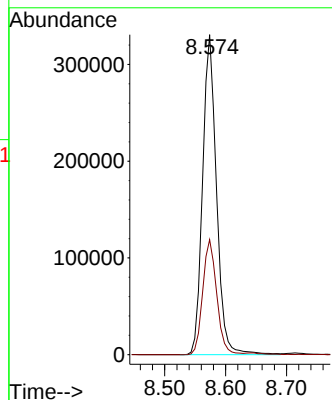
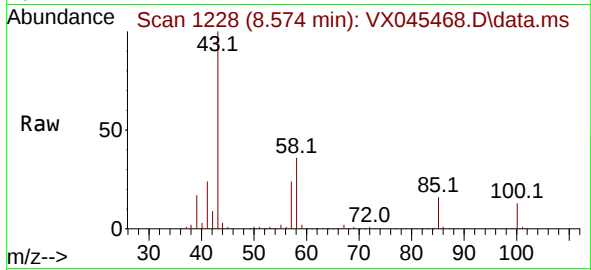




#51
4-Methyl-2-Pentanone
Concen: 315.900 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

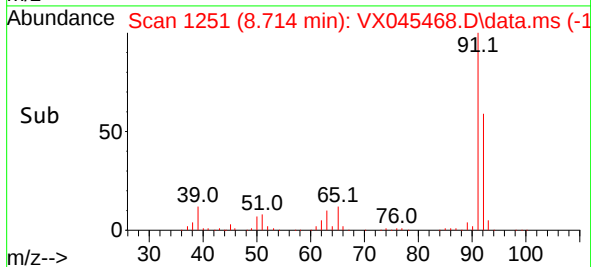
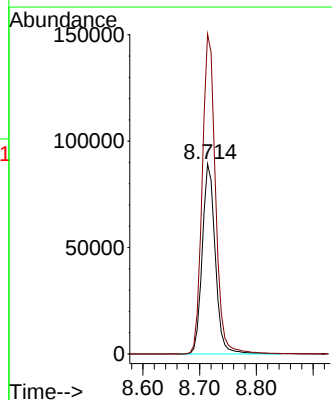
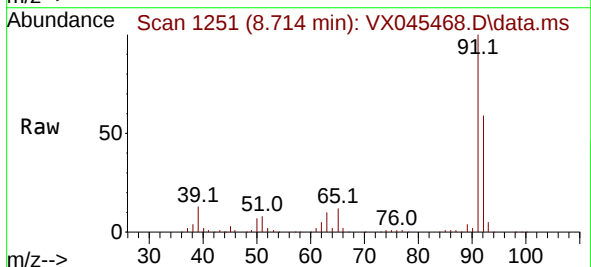
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

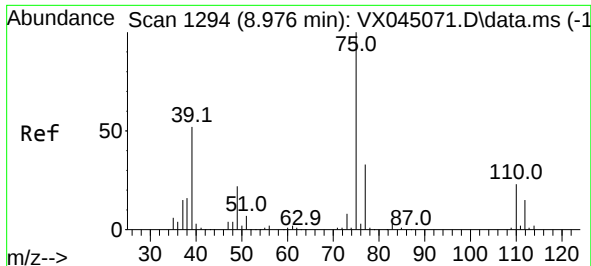
Tgt Ion: 43 Resp: 525454
Ion Ratio Lower Upper
43 100
58 36.0 29.2 43.8



#52
Toluene
Concen: 59.114 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 92 Resp: 142393
Ion Ratio Lower Upper
92 100
91 171.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 64.712 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

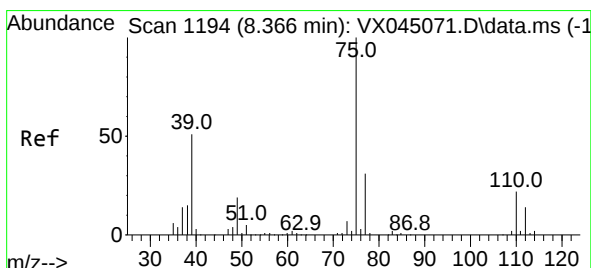
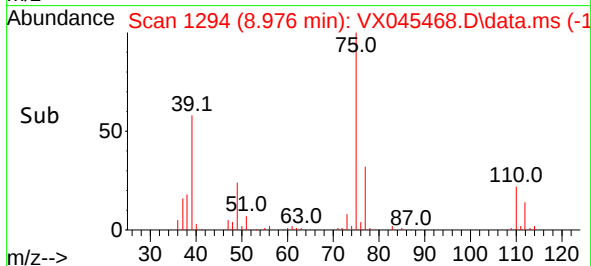
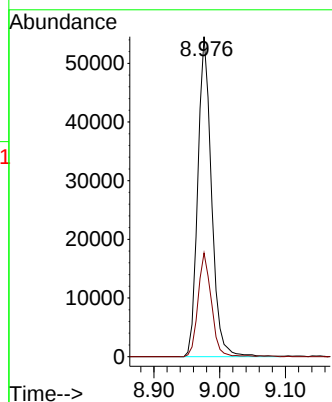
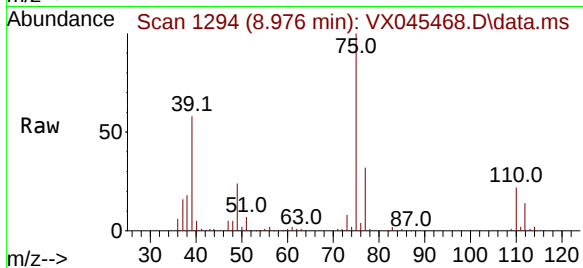
TT188S1-20250320MSD

Tgt Ion: 75 Resp: 79170

Ion Ratio Lower Upper

75 100

77 32.4 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 63.050 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

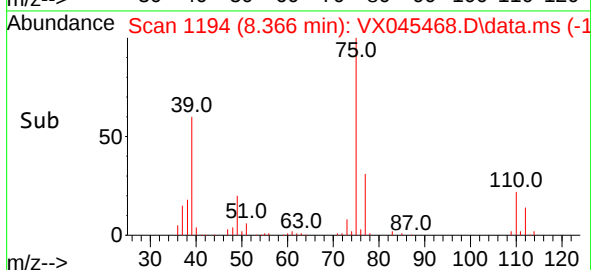
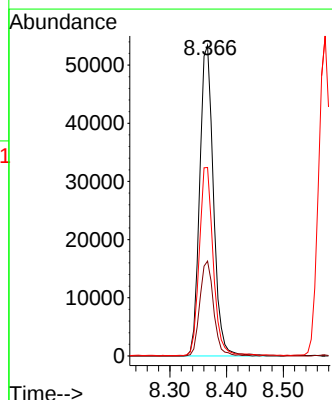
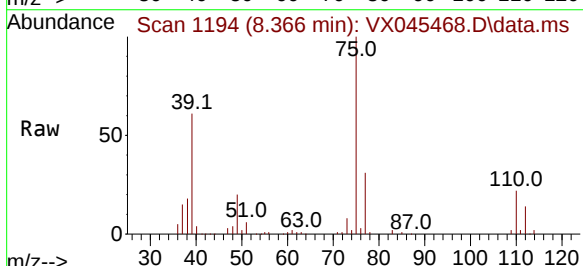
Tgt Ion: 75 Resp: 89949

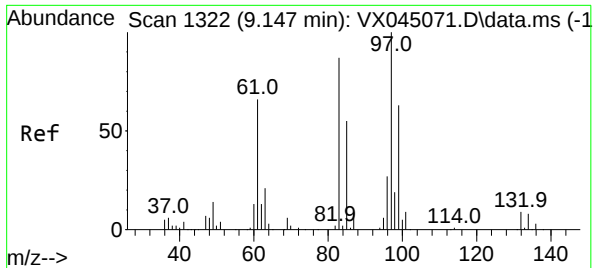
Ion Ratio Lower Upper

75 100

77 30.5 24.7 37.1

39 60.5 40.7 61.1

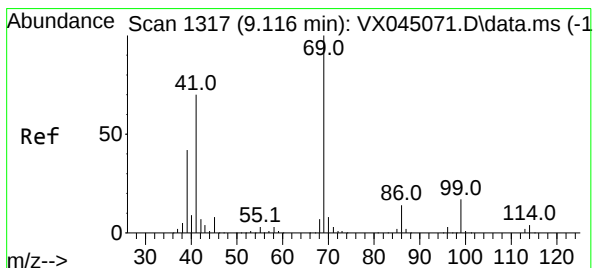
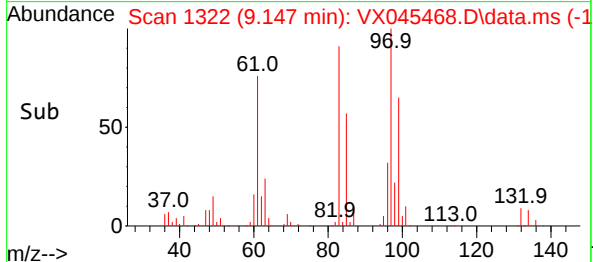
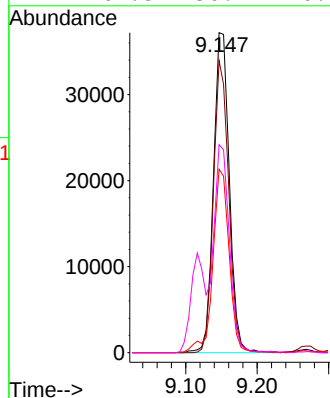
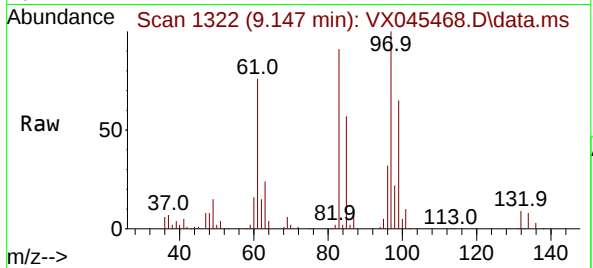




#55
 1,1,2-Trichloroethane
 Concen: 57.798 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

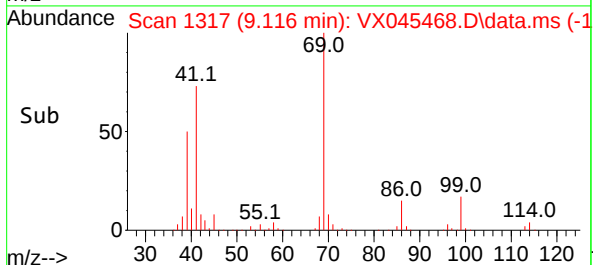
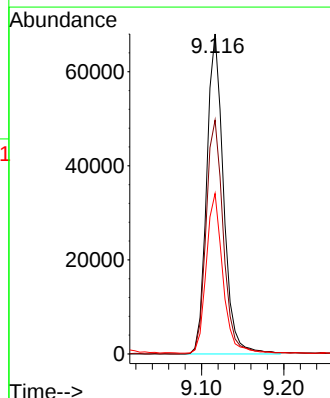
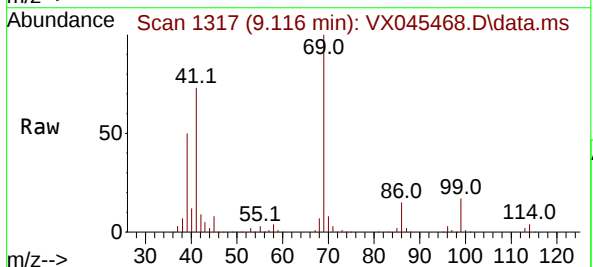
Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MSD

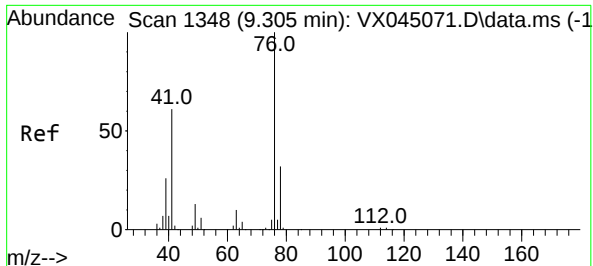
Tgt Ion:	97	Resp:	57314
Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.4	104.2
85	57.2	44.1	66.1
99	64.8	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 64.139 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

Tgt Ion:	69	Resp:	96679
Ion	Ratio	Lower	Upper
69	100		
41	75.9	57.0	85.4
39	49.3	34.2	51.4





#57

1,3-Dichloropropane

Concen: 58.931 ug/l

RT: 9.305 min Scan# 1162

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

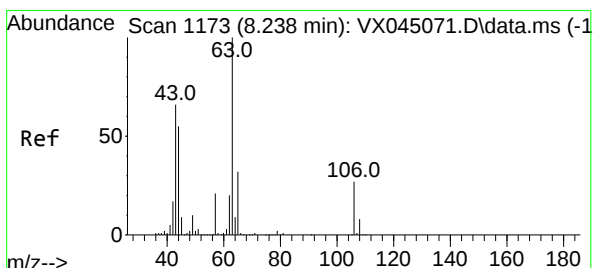
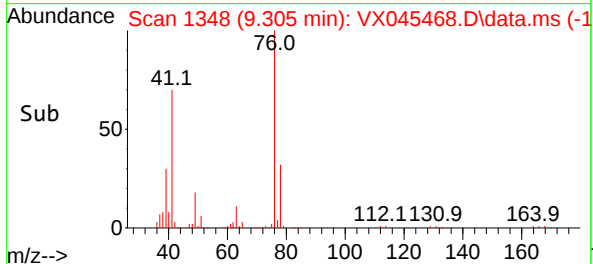
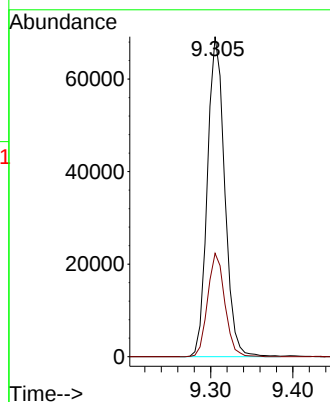
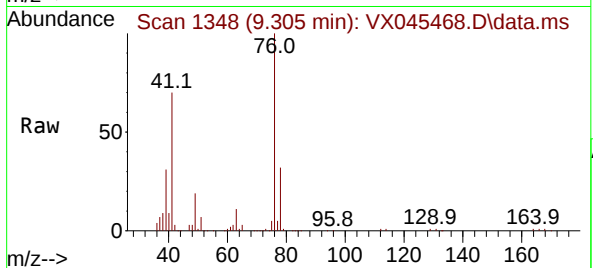
TT188S1-20250320MSD

Tgt Ion: 76 Resp: 101131

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 0.694 ug/l

RT: 8.171 min Scan# 1162

Delta R.T. -0.067 min

Lab File: VX045468.D

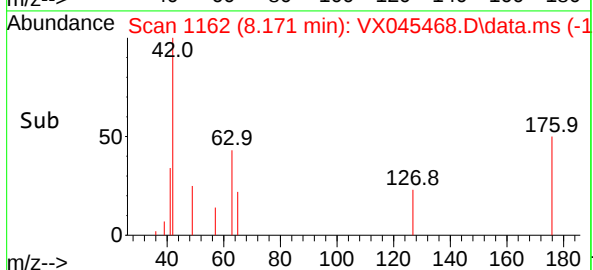
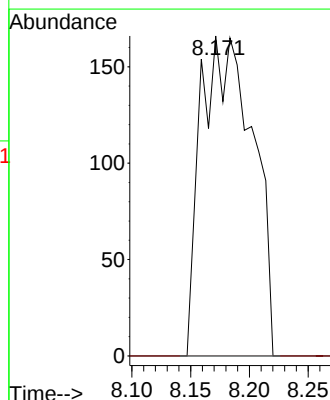
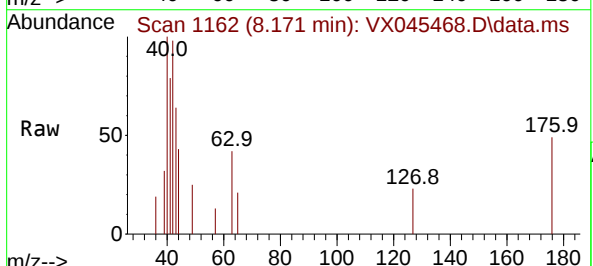
Acq: 26 Mar 2025 14:29

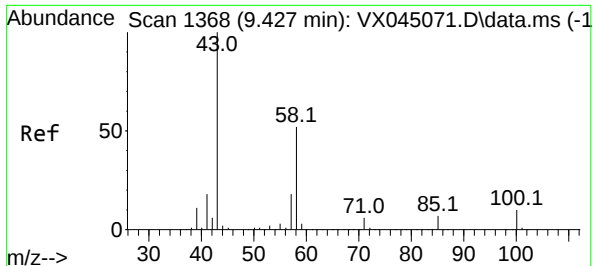
Tgt Ion: 63 Resp: 510

Ion Ratio Lower Upper

63 100

106 0.0 21.5 32.3#





#59

2-Hexanone

Concen: 325.728 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

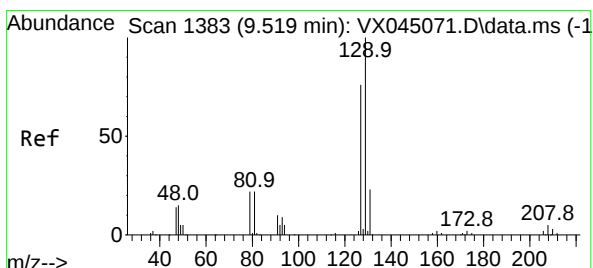
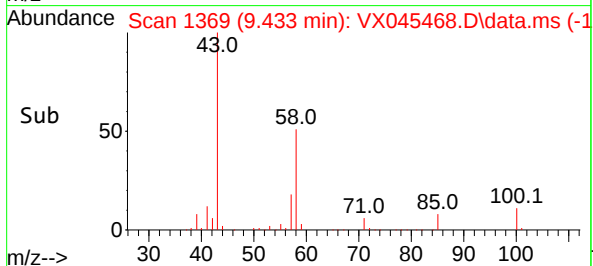
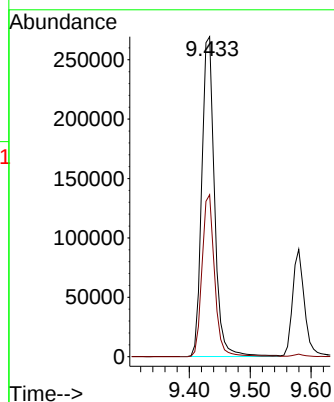
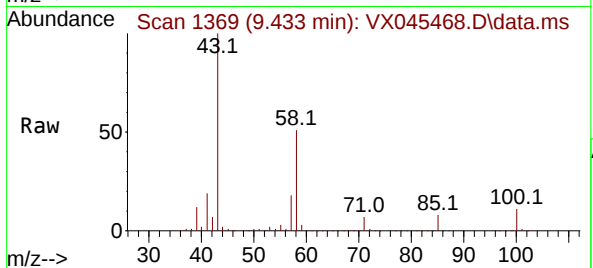
TT188S1-20250320MSD

Tgt Ion: 43 Resp: 392557

Ion Ratio Lower Upper

43 100

58 50.1 25.9 77.6



#60

Dibromochloromethane

Concen: 61.714 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045468.D

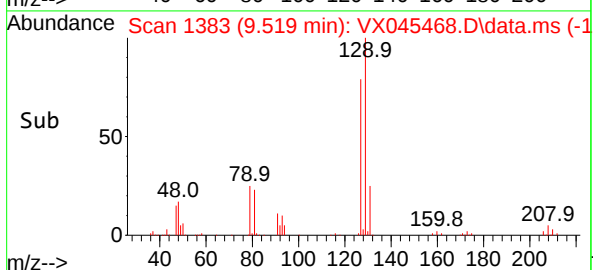
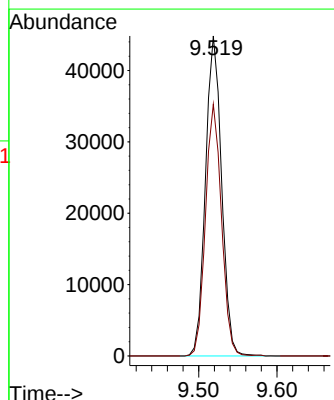
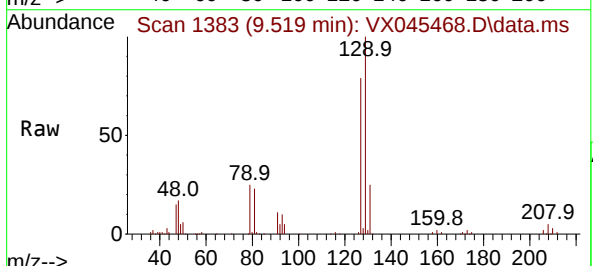
Acq: 26 Mar 2025 14:29

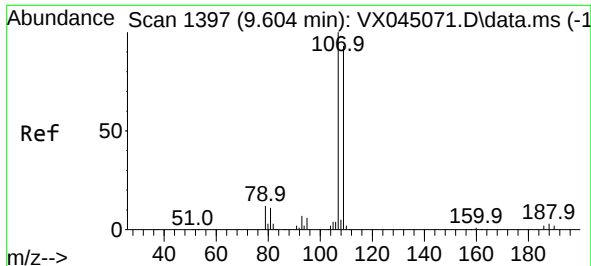
Tgt Ion: 129 Resp: 63988

Ion Ratio Lower Upper

129 100

127 78.1 38.5 115.5

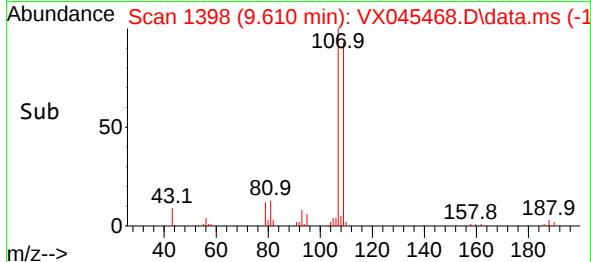
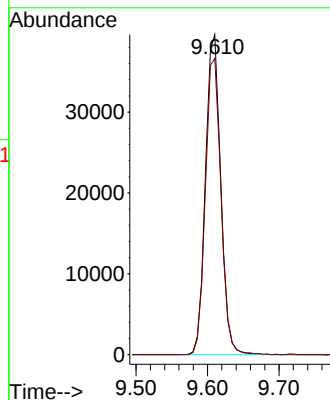
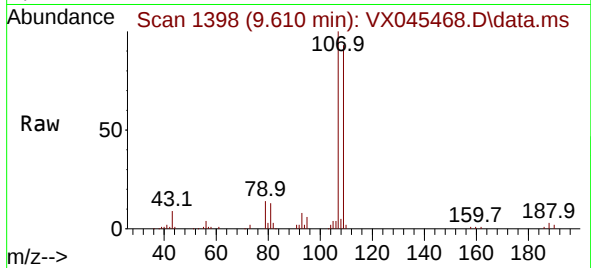




#61
1,2-Dibromoethane
Concen: 59.453 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

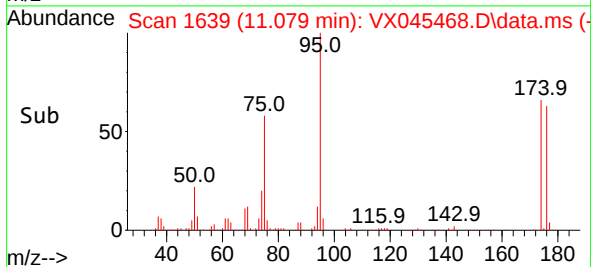
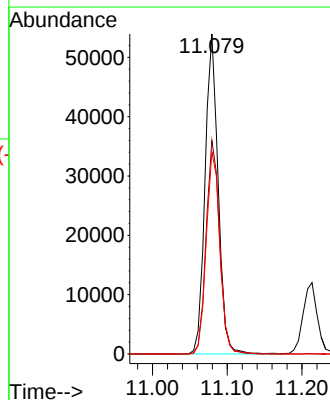
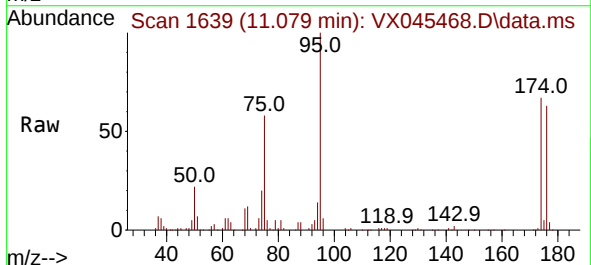
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

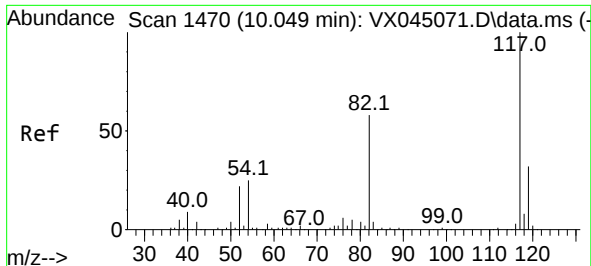
Tgt Ion:107 Resp: 58855
Ion Ratio Lower Upper
107 100
109 94.2 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 57.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 95 Resp: 65522
Ion Ratio Lower Upper
95 100
174 68.9 0.0 148.2
176 65.6 0.0 141.4

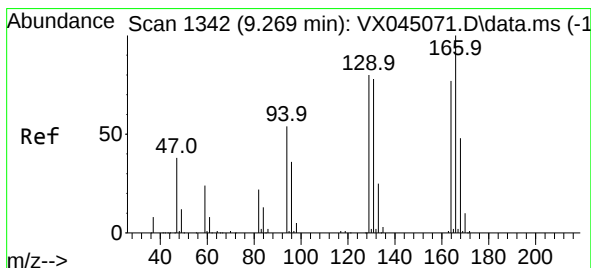
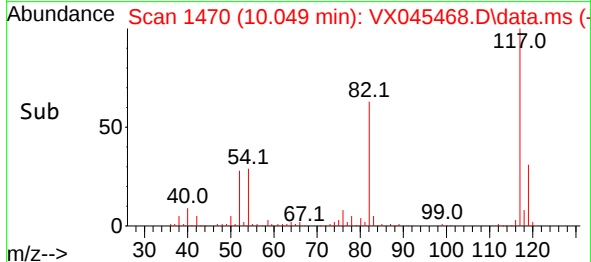
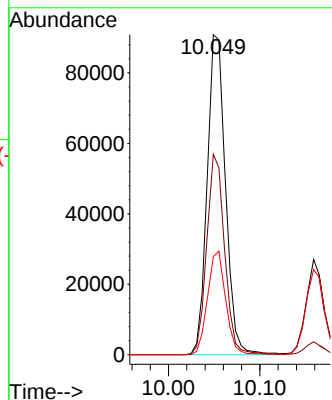
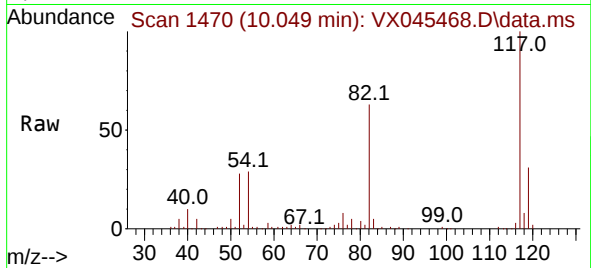




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

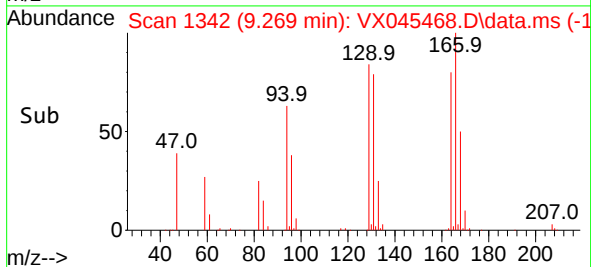
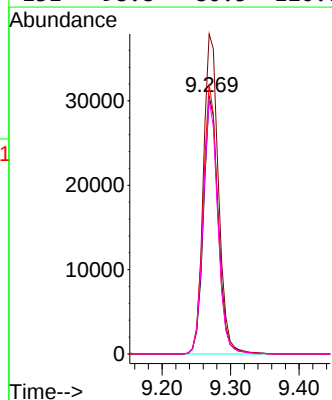
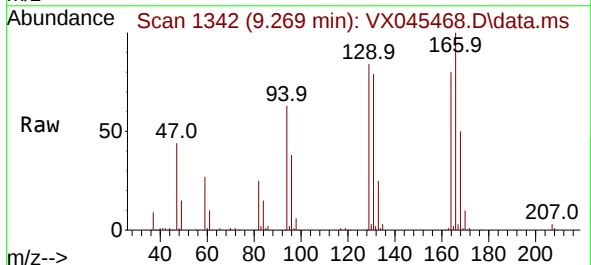
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

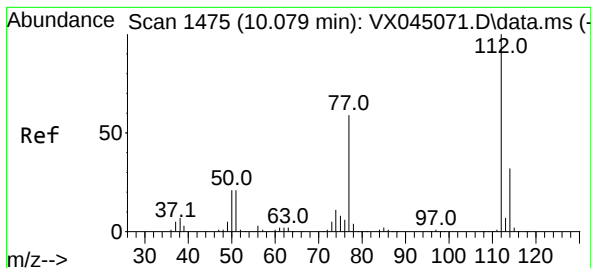
Tgt Ion:117 Resp: 126420
Ion Ratio Lower Upper
117 100
82 62.6 46.3 69.5
119 30.6 25.7 38.5



#64
Tetrachloroethene
Concen: 56.686 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:164 Resp: 45897
Ion Ratio Lower Upper
164 100
166 124.3 103.6 155.4
129 104.9 82.7 124.1
131 98.8 80.5 120.7





#65

Chlorobenzene

Concen: 58.324 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

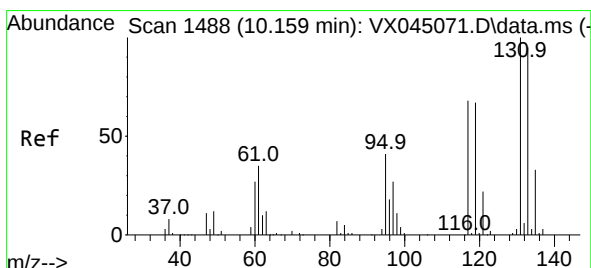
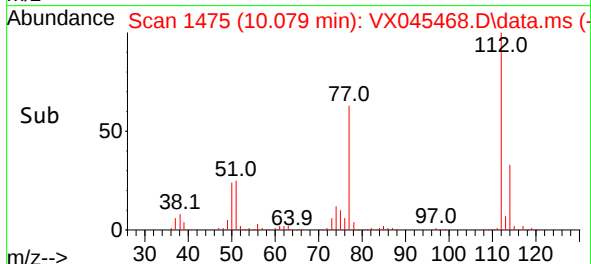
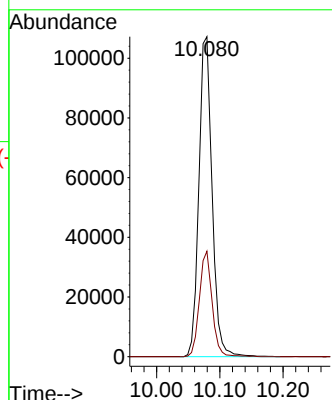
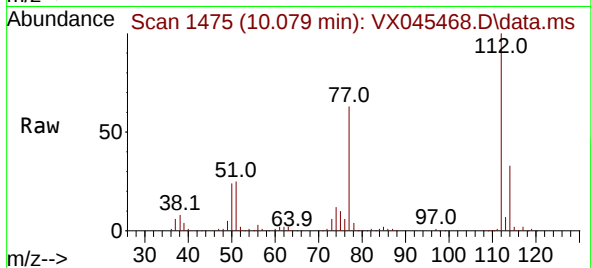
TT188S1-20250320MSD

Tgt Ion:112 Resp: 156019

Ion Ratio Lower Upper

112 100

114 32.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 59.230 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

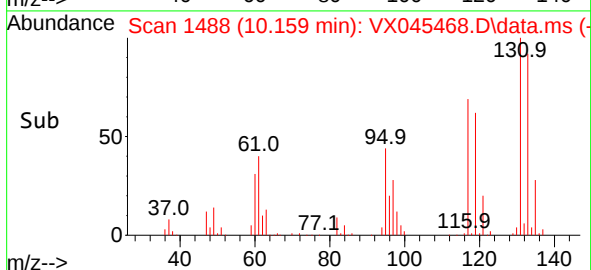
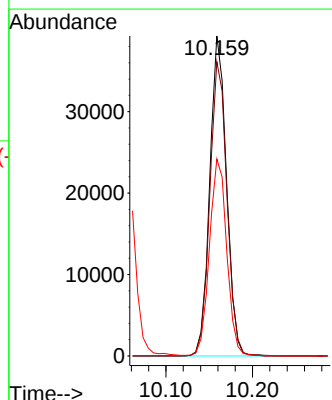
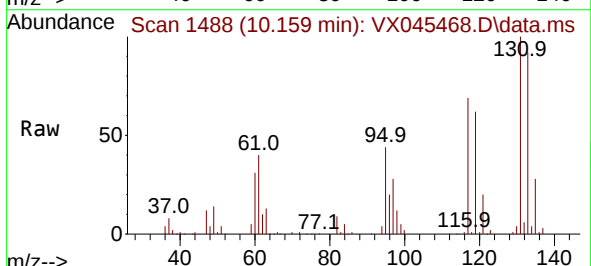
Tgt Ion:131 Resp: 52764

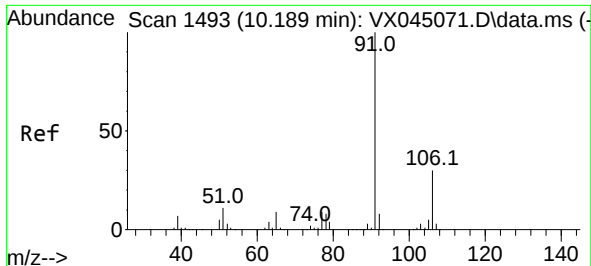
Ion Ratio Lower Upper

131 100

133 93.8 48.6 145.9

119 63.6 33.9 101.7





#67

Ethyl Benzene

Concen: 59.770 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

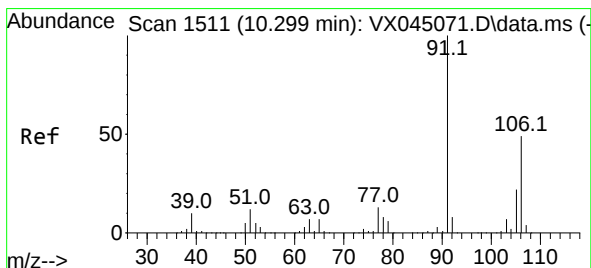
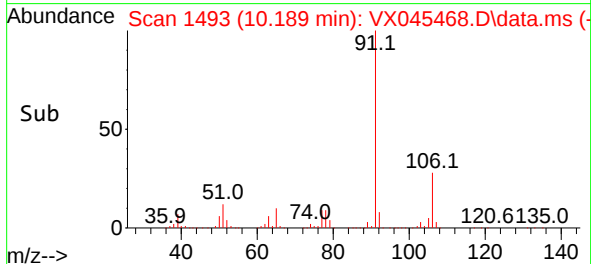
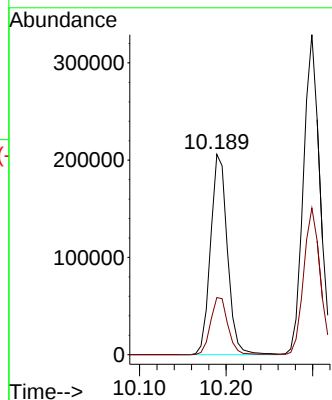
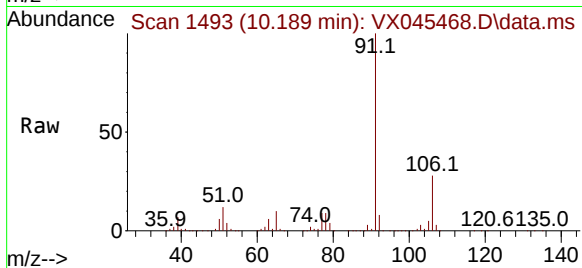
TT188S1-20250320MSD

Tgt Ion: 91 Resp: 278593

Ion Ratio Lower Upper

91 100

106 28.5 23.9 35.9



#68

m/p-Xylenes

Concen: 118.876 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045468.D

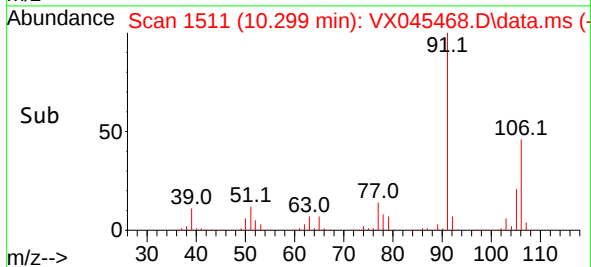
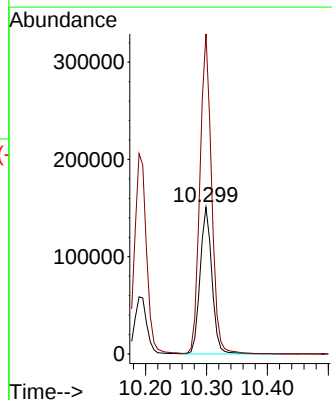
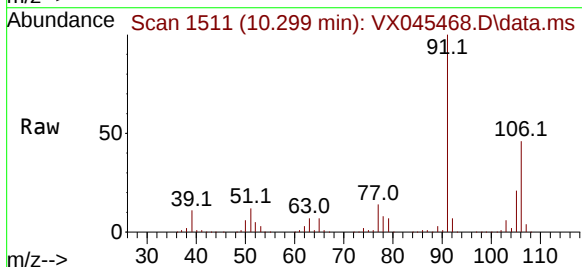
Acq: 26 Mar 2025 14:29

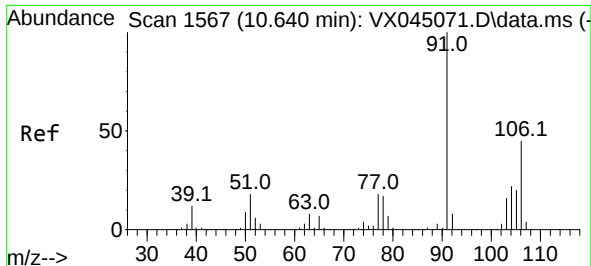
Tgt Ion:106 Resp: 202838

Ion Ratio Lower Upper

106 100

91 216.4 165.4 248.0

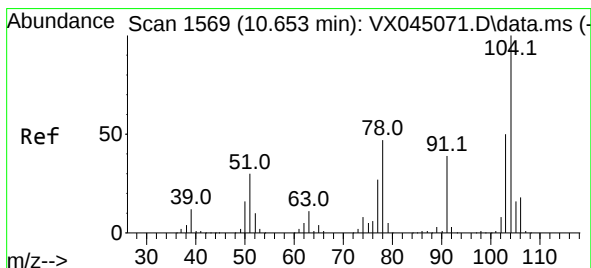
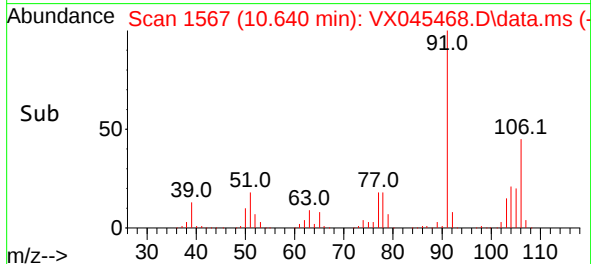
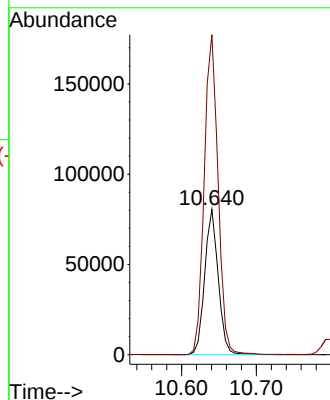
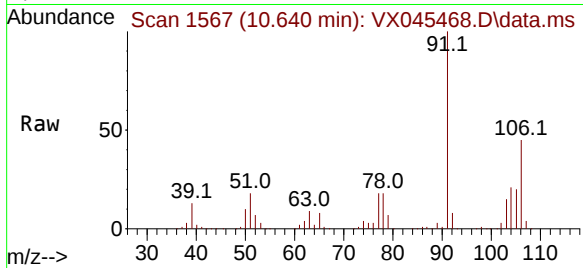




#69
o-Xylene
Concen: 58.702 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

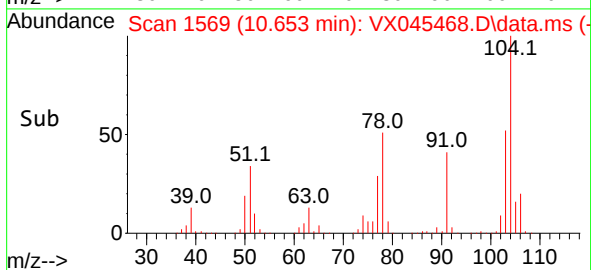
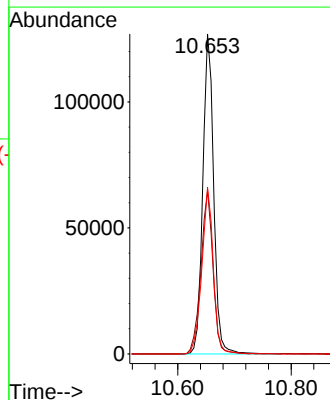
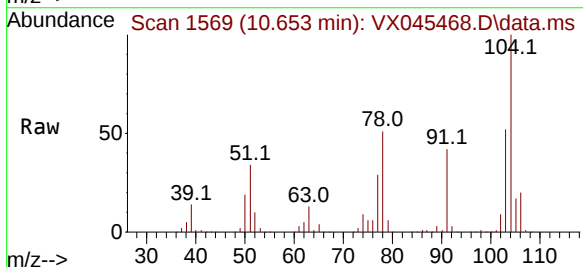
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

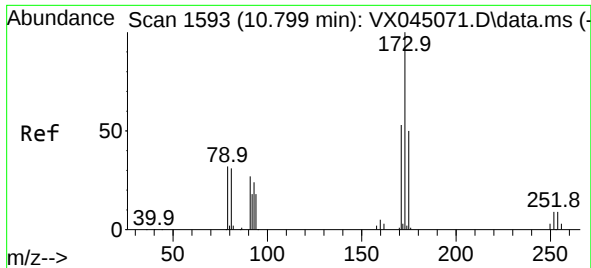
Tgt Ion:106 Resp: 101021
Ion Ratio Lower Upper
106 100
91 226.2 109.9 329.6



#70
Styrene
Concen: 60.884 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:104 Resp: 169533
Ion Ratio Lower Upper
104 100
78 56.7 42.2 63.4
103 55.0 43.8 65.8

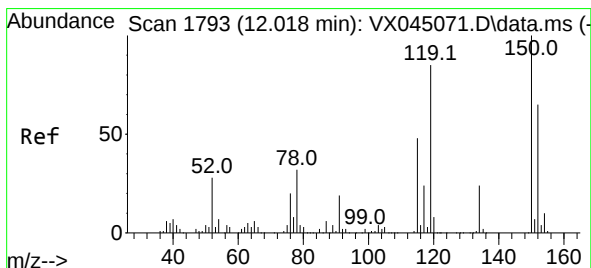
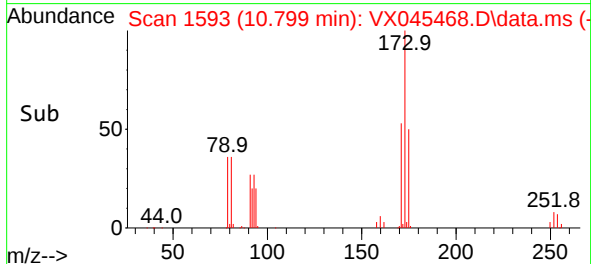
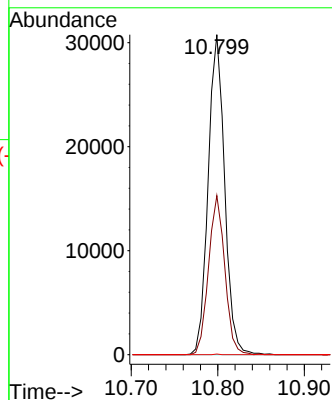
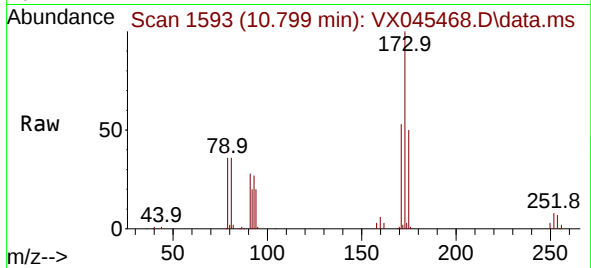




#71
Bromoform
Concen: 60.492 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

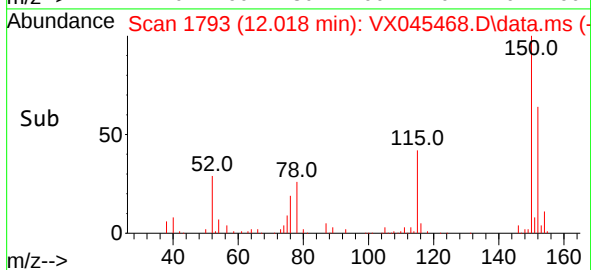
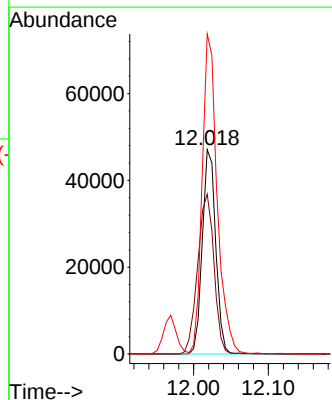
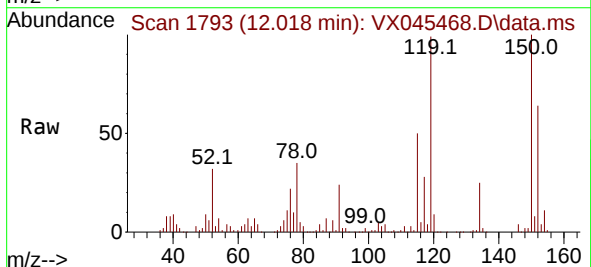
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

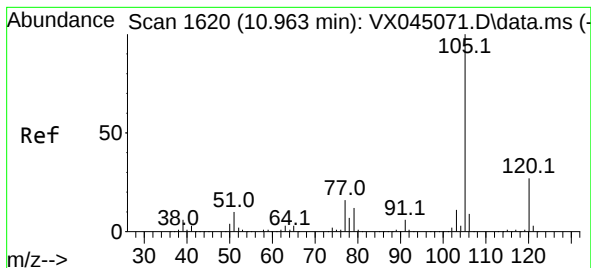
Tgt Ion:173 Resp: 40637
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:152 Resp: 58644
Ion Ratio Lower Upper
152 100
115 95.2 44.2 132.6
150 174.3 0.0 349.0





#73

Isopropylbenzene

Concen: 58.007 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

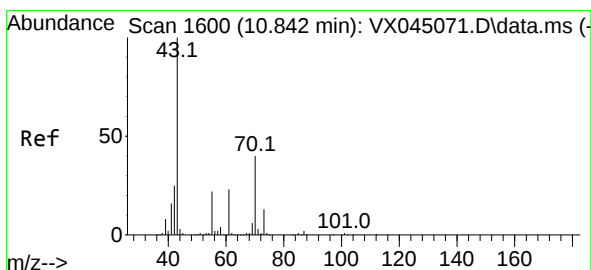
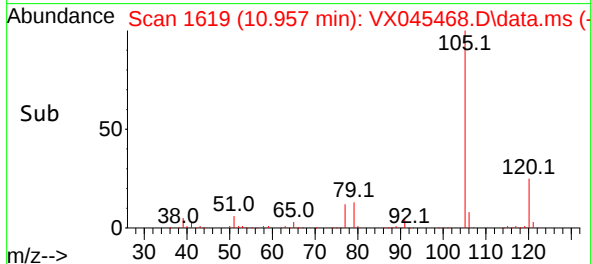
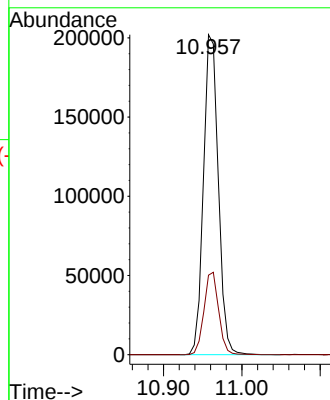
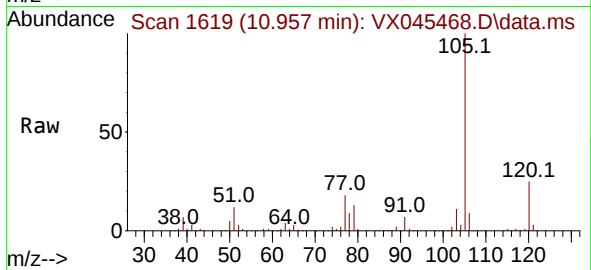
TT188S1-20250320MSD

Tgt Ion:105 Resp: 265519

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.5



#74

N-ethyl acetate

Concen: 57.873 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Tgt Ion: 43 Resp: 124302

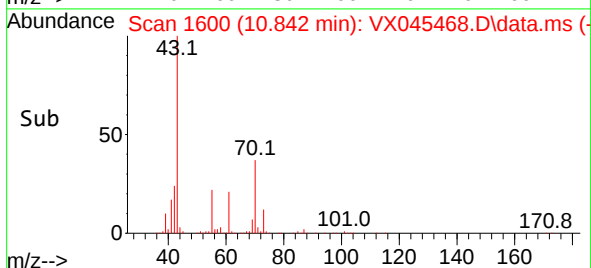
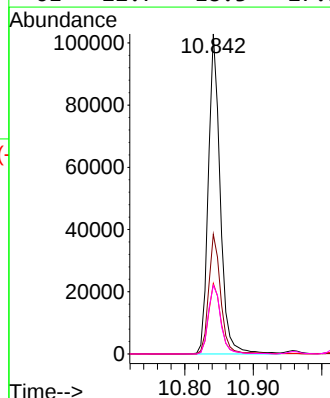
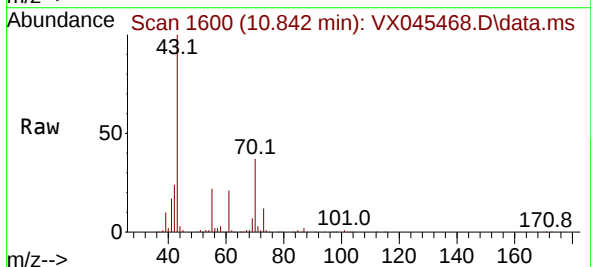
Ion Ratio Lower Upper

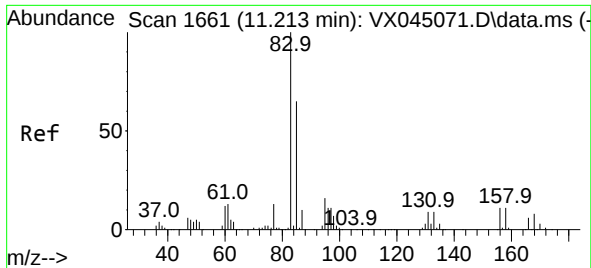
43 100

70 37.8 31.8 47.6

55 22.7 18.3 27.5

61 22.7 18.3 27.5

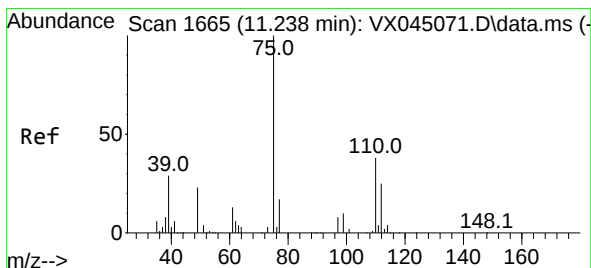
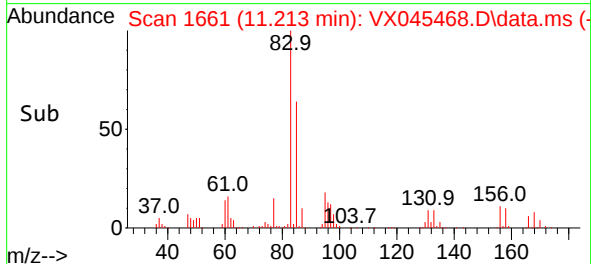
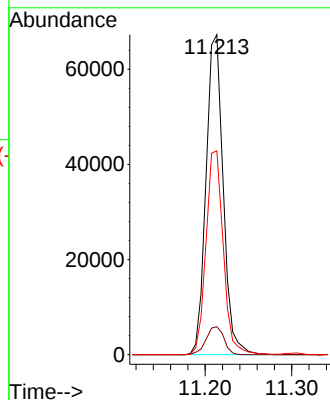
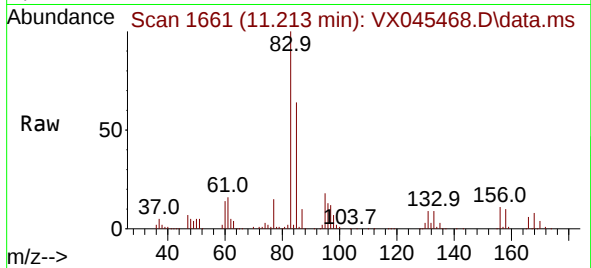




#75
1,1,2,2-Tetrachloroethane
Concen: 55.205 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

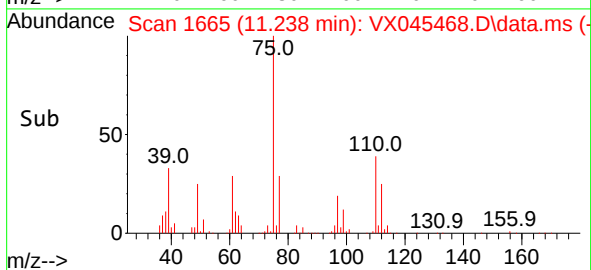
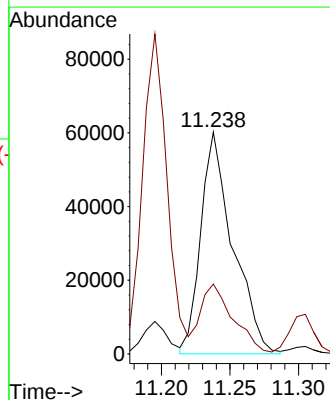
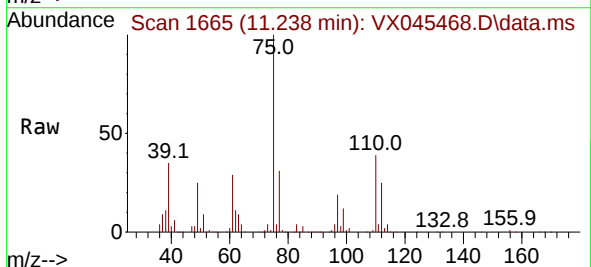
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

Tgt Ion: 83 Resp: 92728
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.4
85 64.2 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 71.890 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 75 Resp: 98126
Ion Ratio Lower Upper
75 100
77 32.2 20.7 62.1





#77

Bromobenzene

Concen: 54.922 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

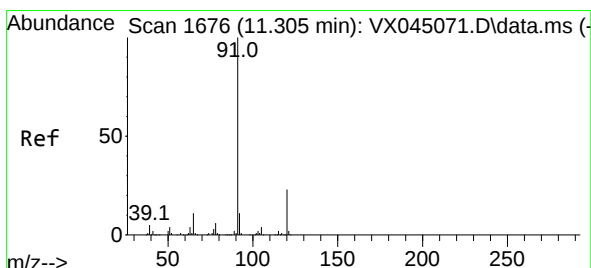
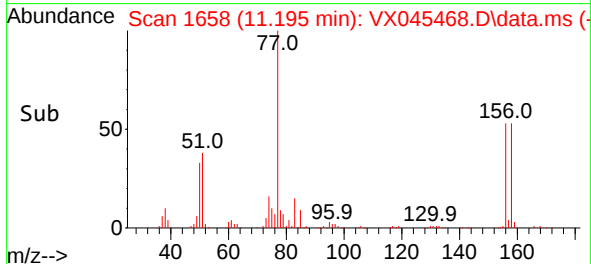
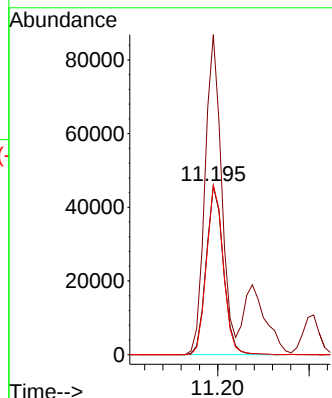
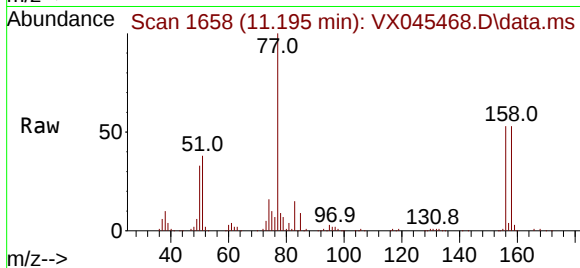
Tgt Ion:156 Resp: 59315

Ion Ratio Lower Upper

156 100

77 183.6 85.8 257.4

158 99.2 48.4 145.2



#78

n-propylbenzene

Concen: 59.924 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX045468.D

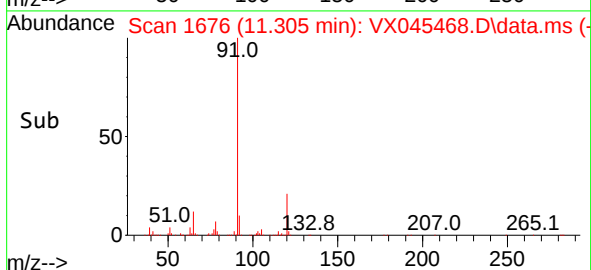
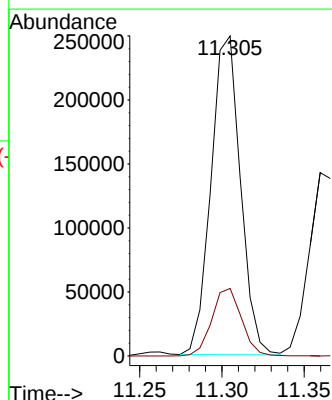
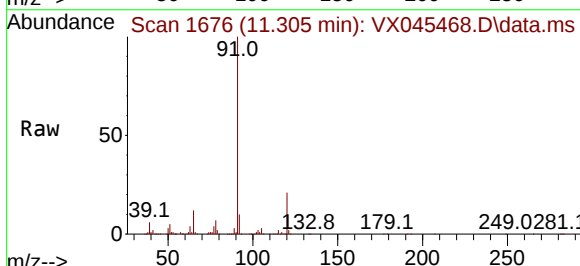
Acq: 26 Mar 2025 14:29

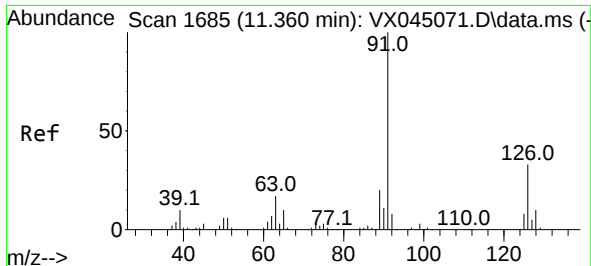
Tgt Ion: 91 Resp: 309849

Ion Ratio Lower Upper

91 100

120 21.4 11.2 33.6

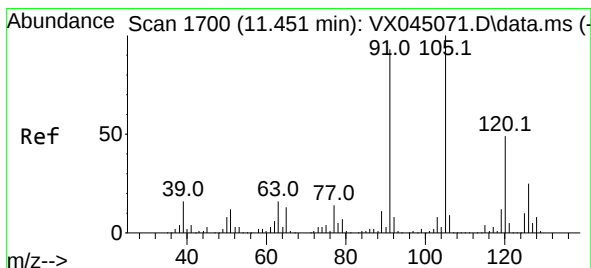
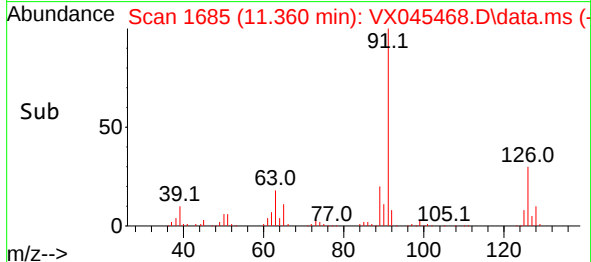
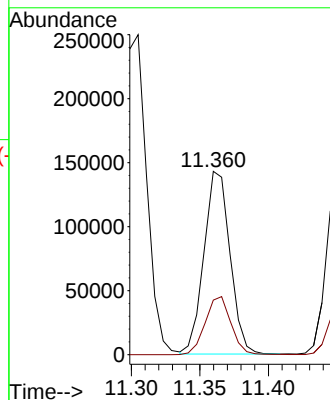
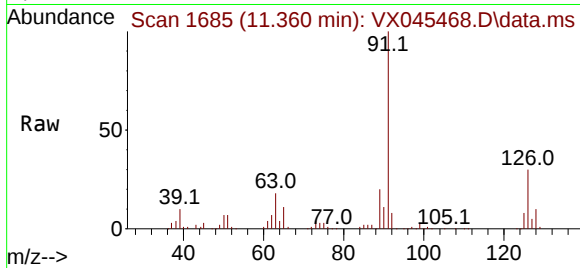




#79
2-Chlorotoluene
Concen: 57.349 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

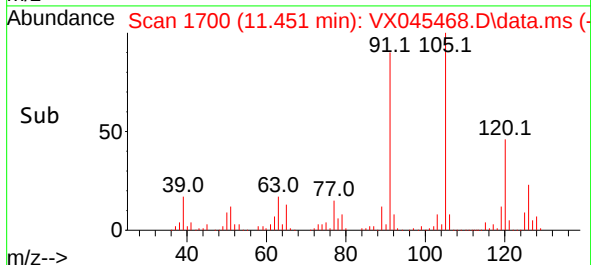
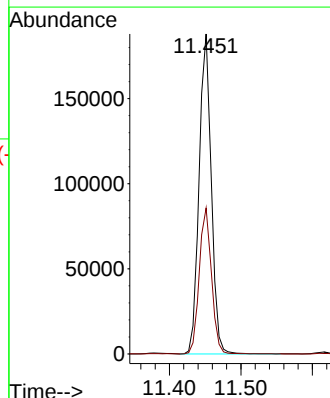
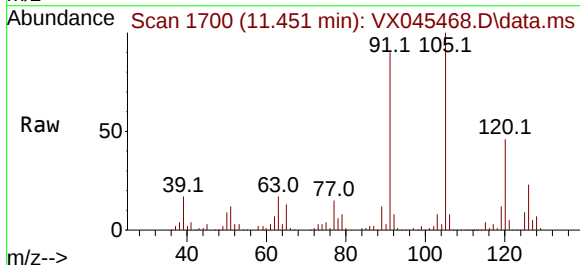
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

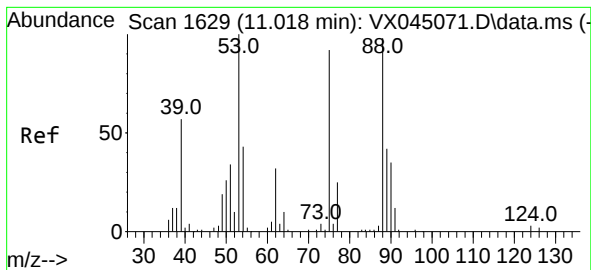
Tgt Ion: 91 Resp: 188852
Ion Ratio Lower Upper
91 100
126 31.4 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 59.996 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 105 Resp: 222054
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.2

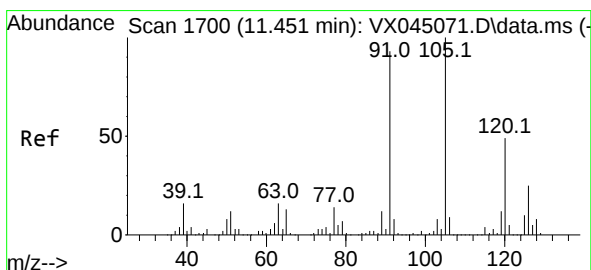
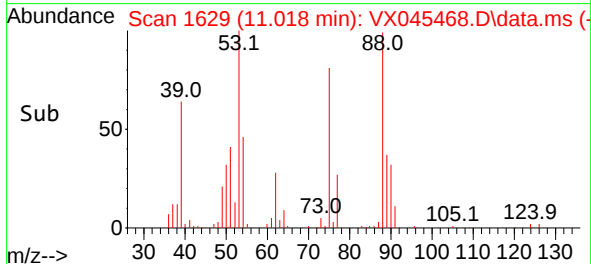
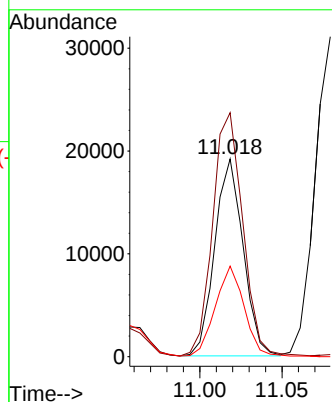
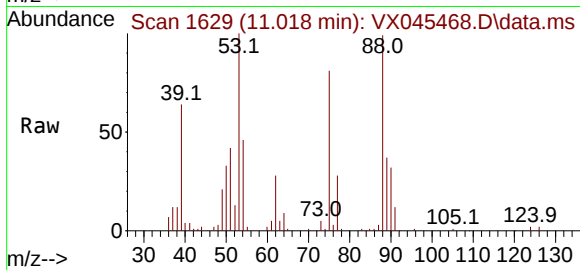




#81
trans-1,4-Dichloro-2-butene
Concen: 57.718 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

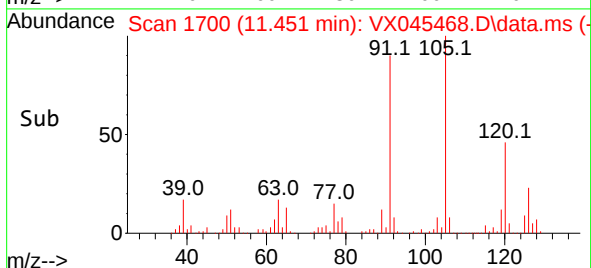
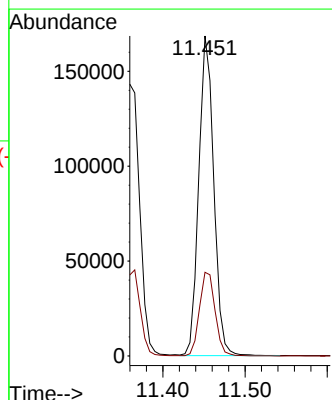
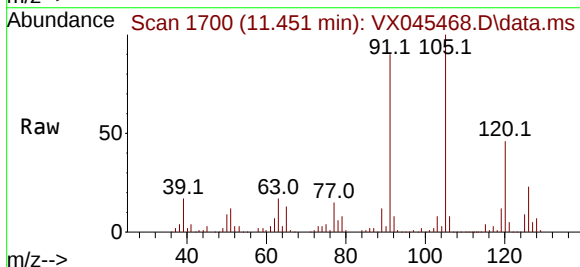
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

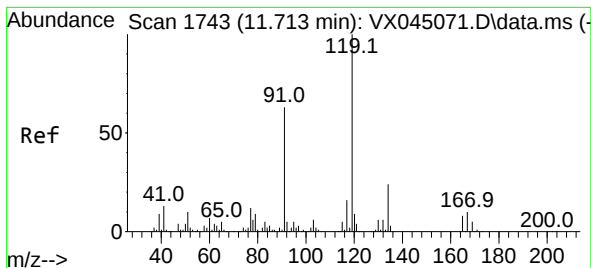
Tgt Ion: 75 Resp: 23021
Ion Ratio Lower Upper
75 100
53 130.6 88.5 132.7
89 47.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 59.504 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 91 Resp: 213558
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.4





#83

tert-Butylbenzene

Concen: 57.694 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

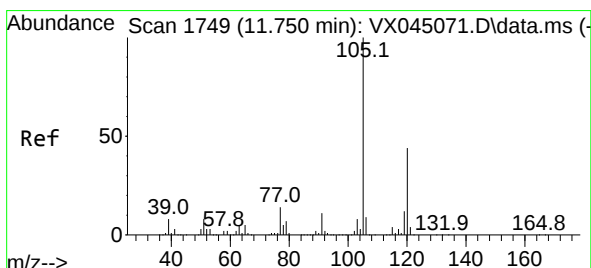
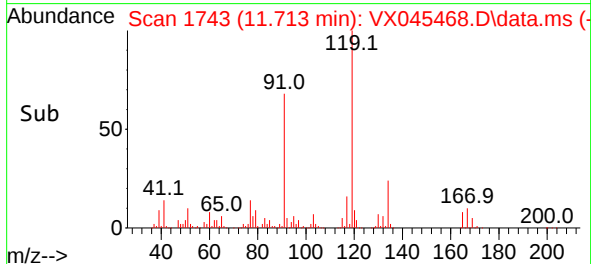
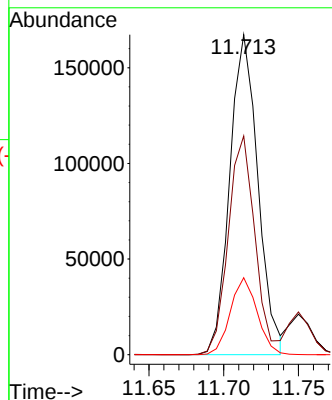
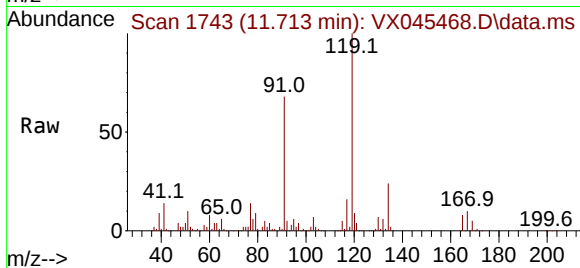
Tgt Ion:119 Resp: 219401

Ion Ratio Lower Upper

119 100

91 65.1 30.7 92.1

134 22.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 59.599 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045468.D

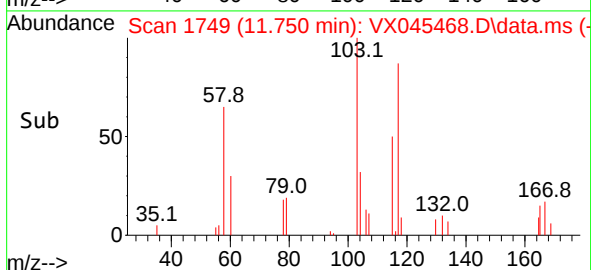
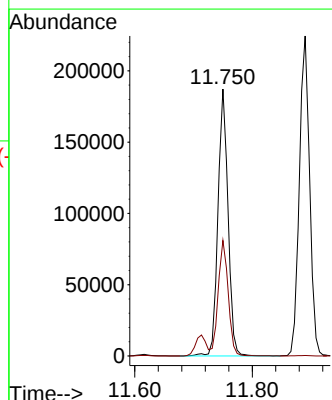
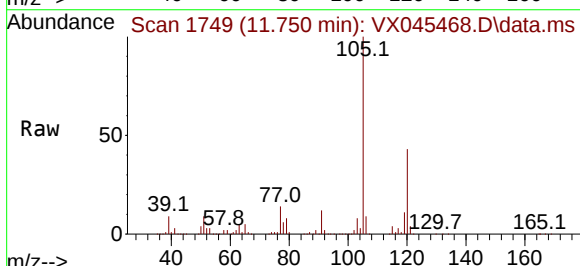
Acq: 26 Mar 2025 14:29

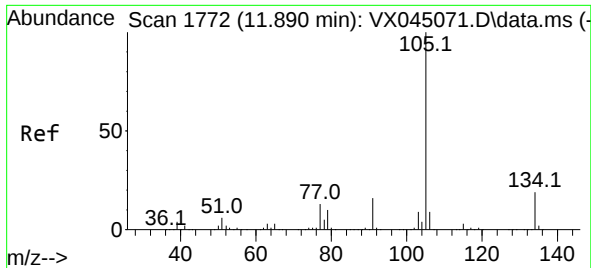
Tgt Ion:105 Resp: 221950

Ion Ratio Lower Upper

105 100

120 43.1 22.1 66.1

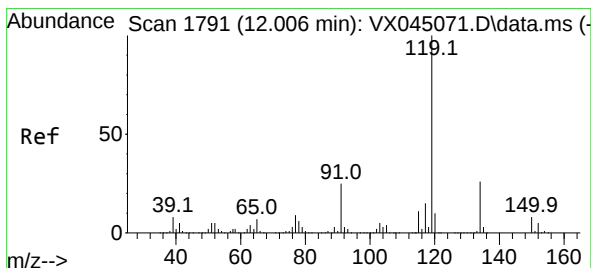
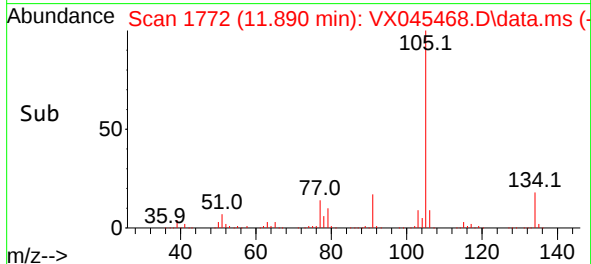
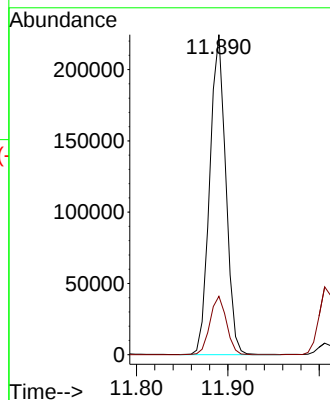
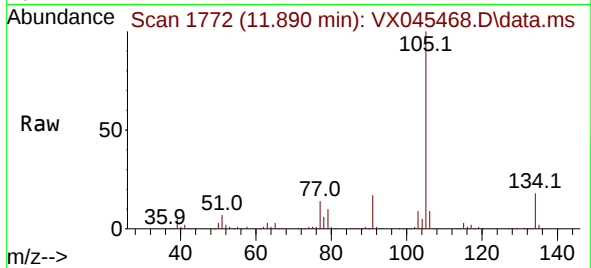




#85
 sec-Butylbenzene
 Concen: 59.984 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

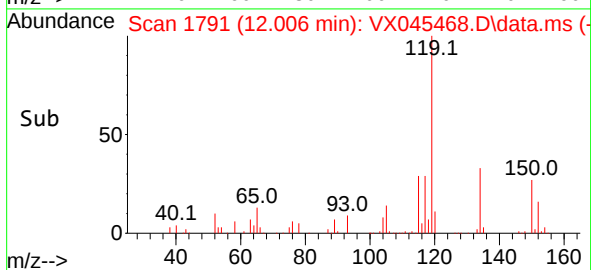
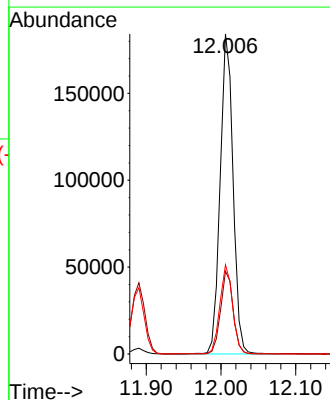
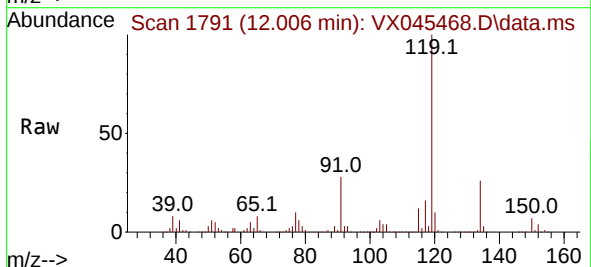
Instrument :
 MSVOA_X
 ClientSampleId :
 TT188S1-20250320MSD

Tgt Ion:105 Resp: 273244
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 60.146 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045468.D
 Acq: 26 Mar 2025 14:29

Tgt Ion:119 Resp: 221416
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 27.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 55.961 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

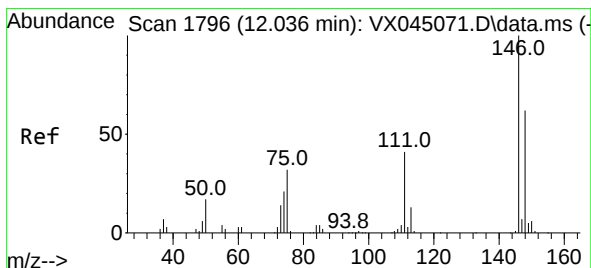
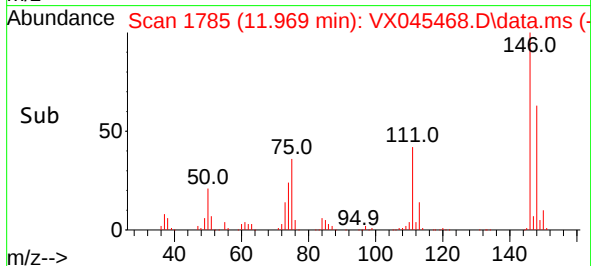
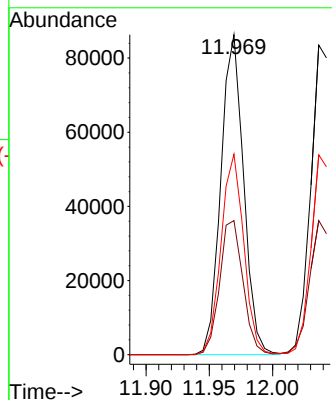
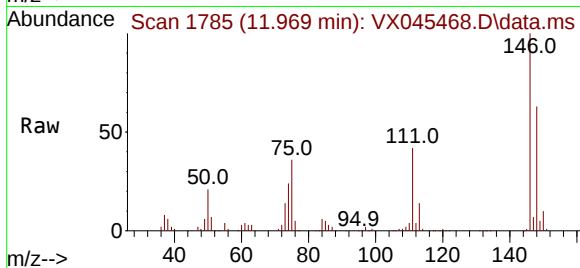
Tgt Ion:146 Resp: 107816

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.4

148 62.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 54.842 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

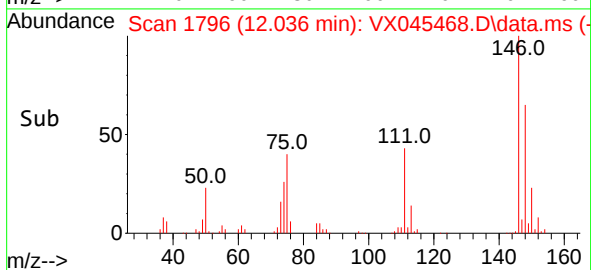
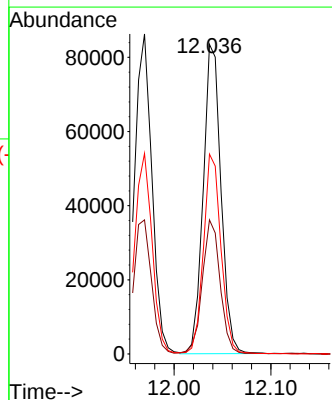
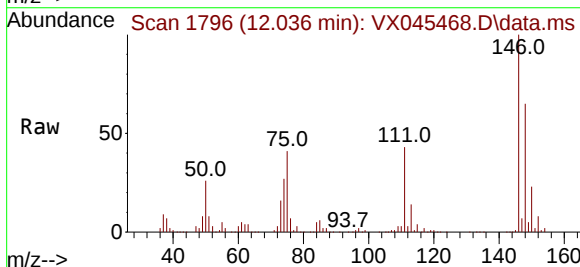
Tgt Ion:146 Resp: 106898

Ion Ratio Lower Upper

146 100

111 43.4 20.2 60.5

148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 61.962 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

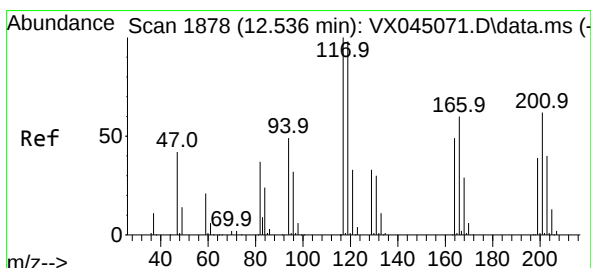
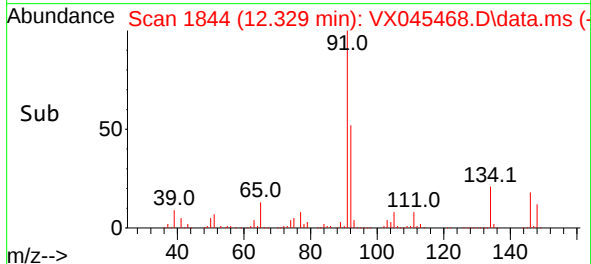
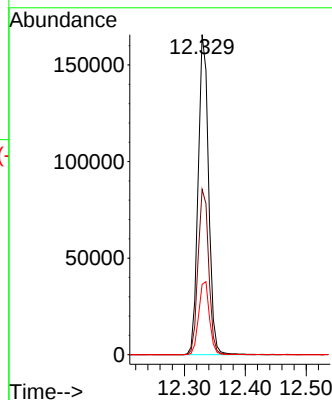
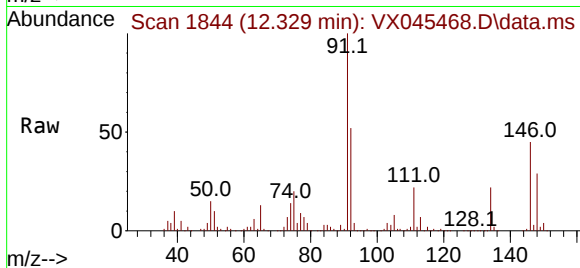
Tgt Ion: 91 Resp: 196457

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.0

134 23.5 12.2 36.6



#90

Hexachloroethane

Concen: 58.539 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045468.D

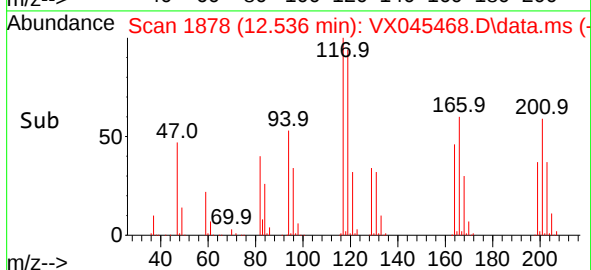
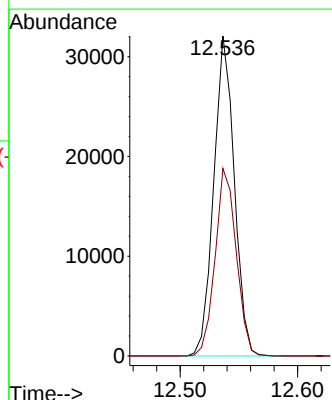
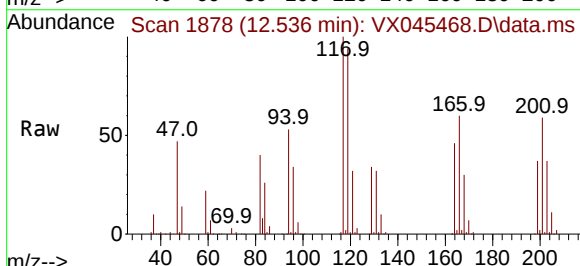
Acq: 26 Mar 2025 14:29

Tgt Ion: 117 Resp: 38979

Ion Ratio Lower Upper

117 100

201 60.3 31.9 95.9

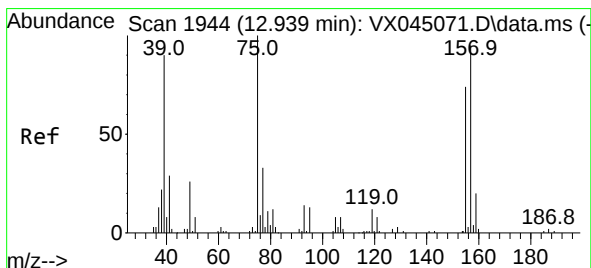
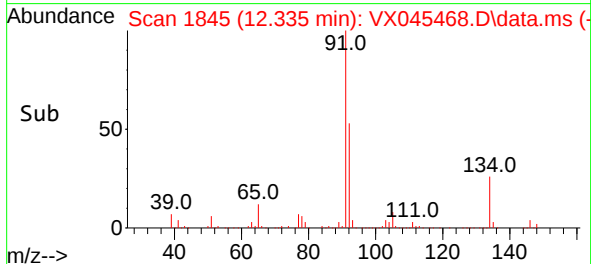
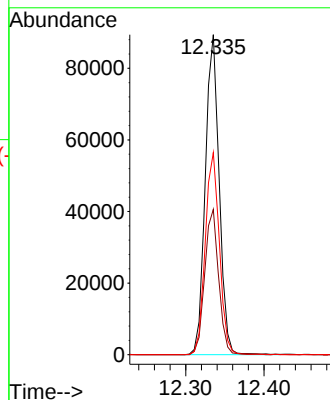
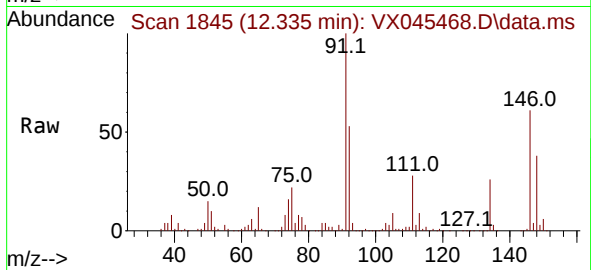




#91
1,2-Dichlorobenzene
Concen: 56.821 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

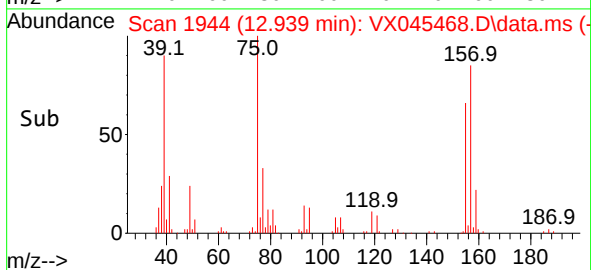
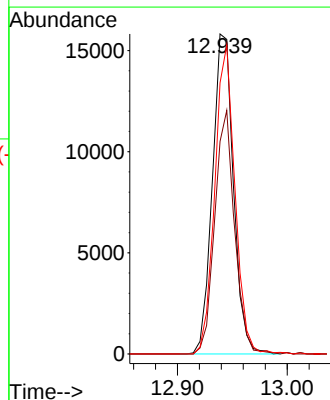
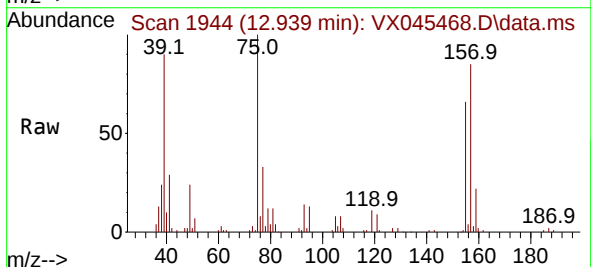
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

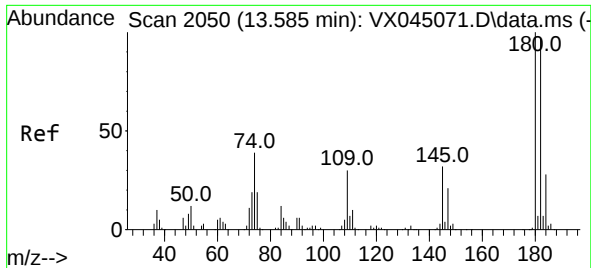
Tgt Ion:146 Resp: 109816
Ion Ratio Lower Upper
146 100
111 45.6 21.6 65.0
148 64.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.546 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion: 75 Resp: 21122
Ion Ratio Lower Upper
75 100
155 72.0 39.6 118.7
157 92.5 51.1 153.4

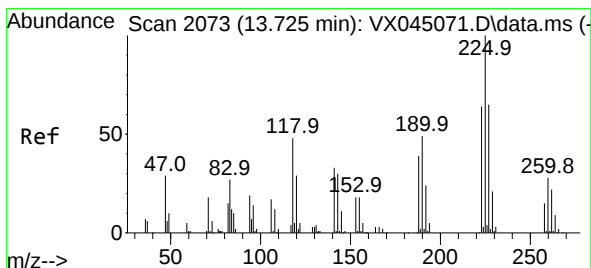
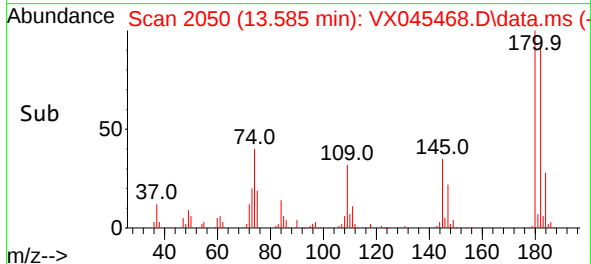
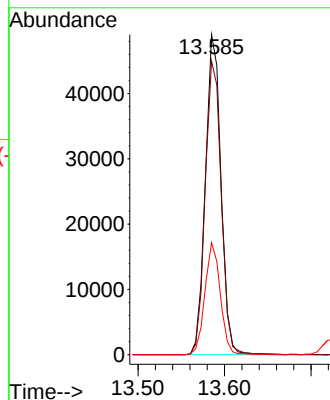
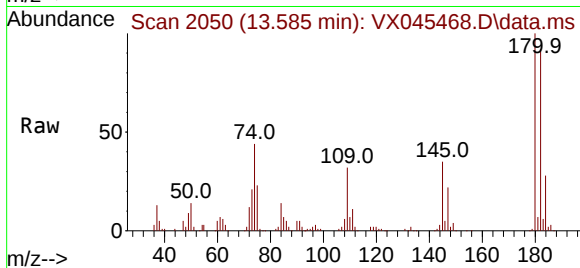




#93
1,2,4-Trichlorobenzene
Concen: 55.821 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

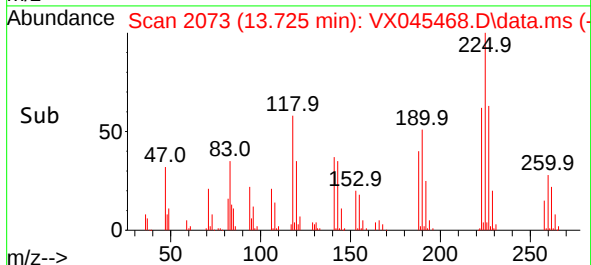
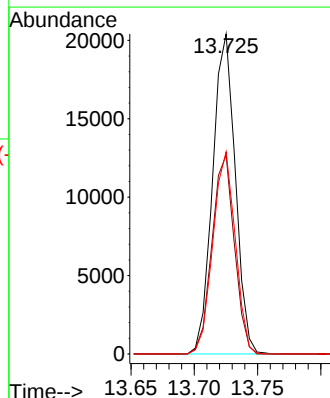
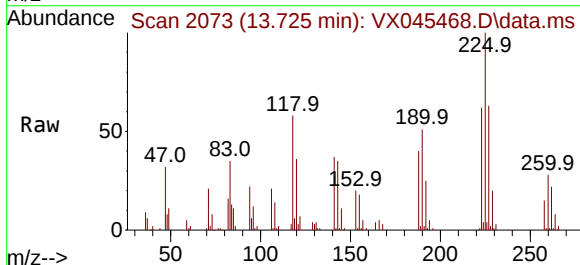
Instrument :
MSVOA_X
ClientSampleId :
TT188S1-20250320MSD

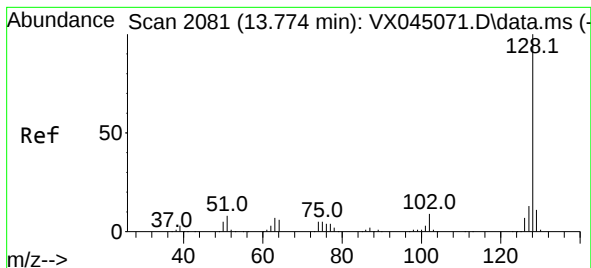
Tgt Ion:180 Resp: 61430
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 34.5 16.3 48.9



#94
Hexachlorobutadiene
Concen: 56.244 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045468.D
Acq: 26 Mar 2025 14:29

Tgt Ion:225 Resp: 25376
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.7
227 62.3 31.4 94.0





#95

Naphthalene

Concen: 56.338 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT188S1-20250320MSD

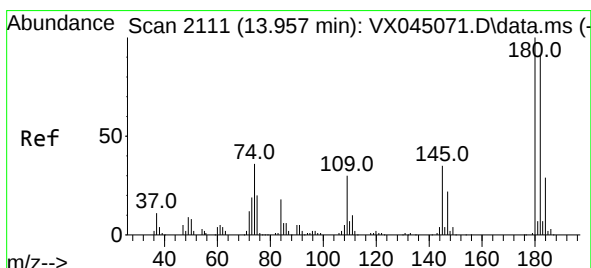
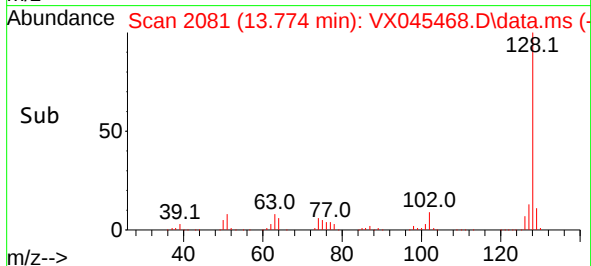
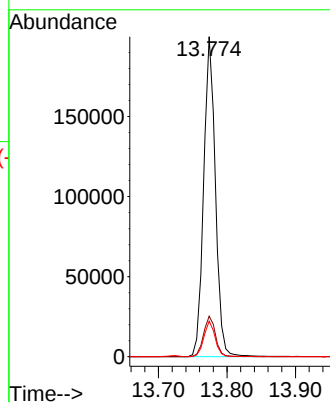
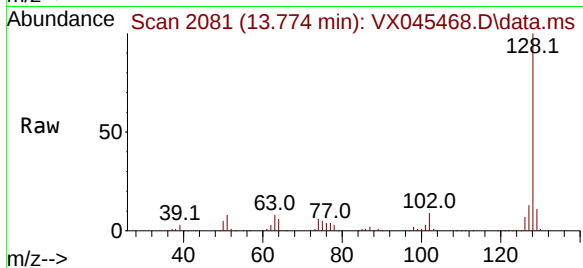
Tgt Ion:128 Resp: 238208

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.598 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045468.D

Acq: 26 Mar 2025 14:29

Tgt Ion:180 Resp: 63386

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.6

145 36.3 17.0 50.9

