

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015279.D
 Acq On : 23 Aug 2023 05:18
 Operator : SY/MD
 Sample : 04110-05MSD
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD

Quant Time: Aug 23 06:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	83564	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	142789	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	130353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61079	60.890	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.780%
35) Dibromofluoromethane	7.728	113	52771	57.447	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.900%
50) Toluene-d8	10.185	98	184402	53.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.483	95	61948	49.598	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	15887	43.769	ug/l	96
3) Chloromethane	2.113	50	24065	48.074	ug/l	99
4) Vinyl Chloride	2.253	62	30296	45.562	ug/l	99
5) Bromomethane	2.656	94	25670	56.075	ug/l	96
6) Chloroethane	2.796	64	25281	52.366	ug/l	100
7) Trichlorofluoromethane	3.131	101	53091	47.384	ug/l	100
8) Diethyl Ether	3.540	74	25026	56.952	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.906	101	32879	47.216	ug/l	97
10) Methyl Iodide	4.101	142	22996	33.631	ug/l	98
11) Tert butyl alcohol	4.979	59	38755	233.603	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	26826	46.135	ug/l	90
13) Acrolein	3.735	56	1625	Below Cal		90
14) Allyl chloride	4.485	41	47415	45.992	ug/l	97
15) Acrylonitrile	5.174	53	76011	255.251	ug/l	99
16) Acetone	3.960	43	68626	209.418	ug/l	95
17) Carbon Disulfide	4.204	76	41829	40.876	ug/l	99
18) Methyl Acetate	4.491	43	110857	92.313	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	140791	56.945	ug/l	100
20) Methylene Chloride	4.723	84	57430	75.278	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	30534	46.554	ug/l	96
22) Diisopropyl ether	6.131	45	138776	53.947	ug/l	88
23) Vinyl Acetate	6.076	43	42074	27.411	ug/l	100
24) 1,1-Dichloroethane	6.027	63	73353	52.670	ug/l	97
25) 2-Butanone	6.996	43	112025	241.440	ug/l	97
26) 2,2-Dichloropropane	6.990	77	49435	36.821	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	45071	50.305	ug/l	95
28) Bromochloromethane	7.344	49	35044	54.769	ug/l	94
29) Tetrahydrofuran	7.356	42	84555	304.770	ug/l	93
30) Chloroform	7.515	83	84395	54.056	ug/l	97
31) Cyclohexane	7.795	56	42582	47.392	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	66712	50.215	ug/l	99
36) 1,1-Dichloropropene	7.929	75	46111	45.373	ug/l	99
37) Ethyl Acetate	7.088	43	26835	28.328	ug/l	98
38) Carbon Tetrachloride	7.911	117	55303	45.980	ug/l	95
39) Methylcyclohexane	9.191	83	47822	41.976	ug/l	94
40) Benzene	8.167	78	153627	50.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	73926	151.341	ug/l #	31
42) 1,2-Dichloroethane	8.246	62	60862	54.542	ug/l	96
43) Isopropyl Acetate	8.283	43	57867	33.545	ug/l	94
44) Trichloroethene	8.947	130	41974	47.418	ug/l	99
45) 1,2-Dichloropropane	9.222	63	45731	52.782	ug/l	96
46) Dibromomethane	9.313	93	29925	54.762	ug/l	96
47) Bromodichloromethane	9.502	83	68894	52.834	ug/l	97
48) Methyl methacrylate	9.301	41	48105	65.187	ug/l	94
49) 1,4-Dioxane	9.313	88	12623	1155.191	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	297458	297.522	ug/l	96
52) Toluene	10.252	92	98138	48.459	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	61510	44.885	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	64388	44.613	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	46890	56.433	ug/l	96
56) Ethyl methacrylate	10.514	69	31886	26.222	ug/l	92
57) 1,3-Dichloropropane	10.795	76	75576	55.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	160440	283.514	ug/l	95
59) 2-Hexanone	10.837	43	178467	241.189	ug/l	94
60) Dibromochloromethane	10.990	129	52737	53.208	ug/l	98
61) 1,2-Dibromoethane	11.093	107	42874	54.317	ug/l	96
64) Tetrachloroethene	10.721	164	46877	51.617	ug/l	97
65) Chlorobenzene	11.520	112	113535	47.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	50293	52.188	ug/l	99
67) Ethyl Benzene	11.599	91	191561	46.034	ug/l	99
68) m/p-Xylenes	11.703	106	144631	91.511	ug/l	96
69) o-Xylene	12.032	106	74920	47.585	ug/l	97
70) Styrene	12.050	104	125935	46.215	ug/l	97
71) Bromoform	12.209	173	35452	50.748	ug/l #	100
73) Isopropylbenzene	12.331	105	195509	50.268	ug/l	99
74) N-amyl acetate	12.148	43	20970	14.933	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	62256	61.460	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72845	99.131	ug/l #	100
77) Bromobenzene	12.611	156	48868	51.547	ug/l	95
78) n-propylbenzene	12.672	91	222945	48.272	ug/l	100
79) 2-Chlorotoluene	12.758	91	132228	49.629	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	160070	49.373	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	13801	41.252	ug/l	98
82) 4-Chlorotoluene	12.855	91	131355	47.721	ug/l	99
83) tert-Butylbenzene	13.075	119	148545	50.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	160695	49.603	ug/l	97
85) sec-Butylbenzene	13.258	105	209684	48.260	ug/l	99
86) p-Isopropyltoluene	13.373	119	164364	45.627	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	89631	47.667	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	91639	48.589	ug/l	99
89) n-Butylbenzene	13.697	91	147344	43.381	ug/l	98
90) Hexachloroethane	13.965	117	32957	46.117	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	90048	51.262	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11530	58.759	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	46677	41.390	ug/l	99
94) Hexachlorobutadiene	15.117	225	24307	39.625	ug/l	99
95) Naphthalene	15.239	128	138218	49.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43393	42.606	ug/l	98

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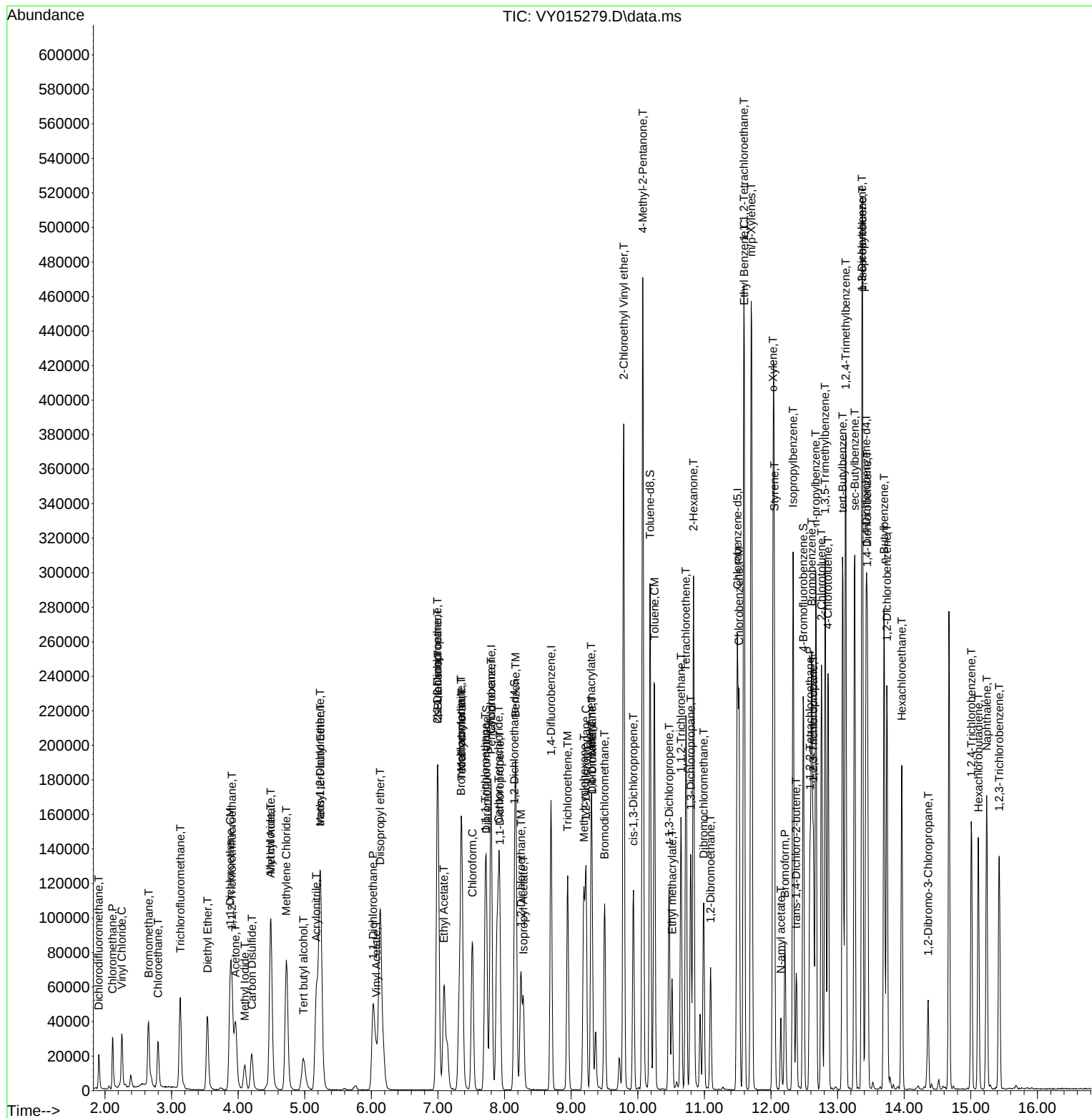
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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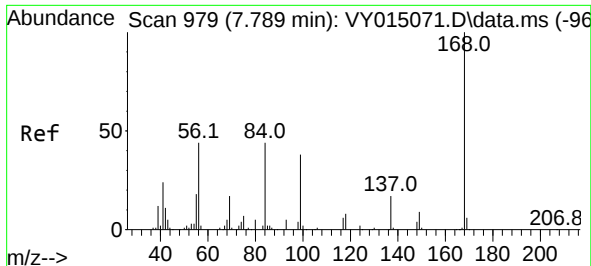
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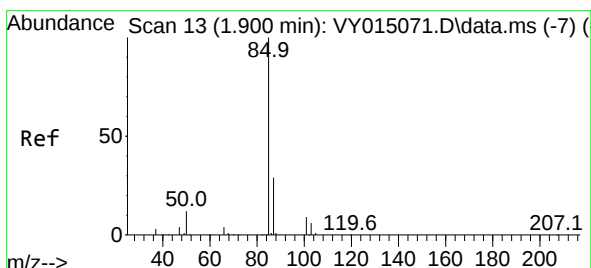
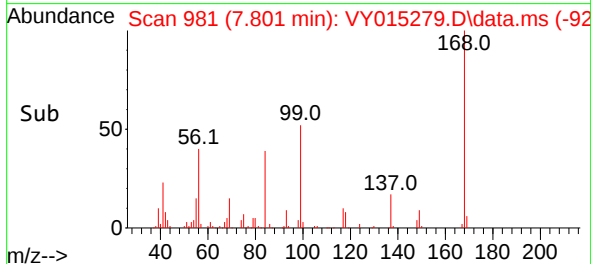
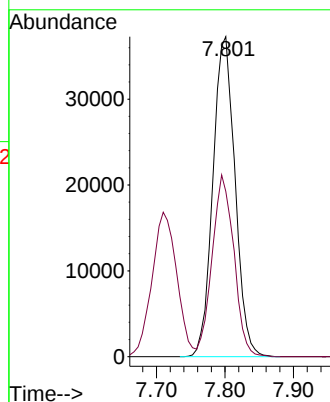
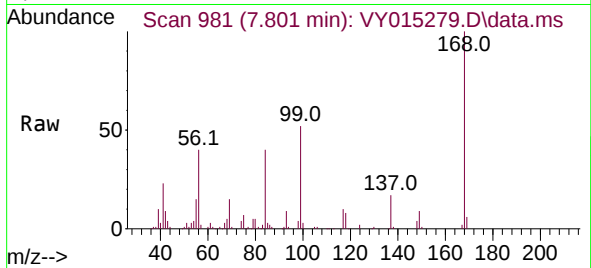




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
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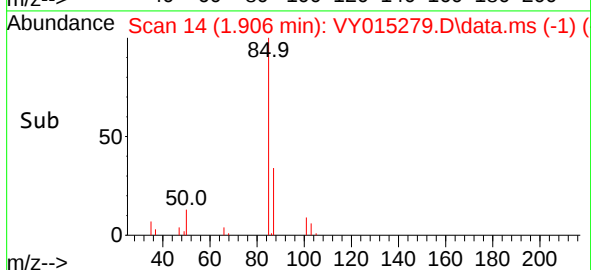
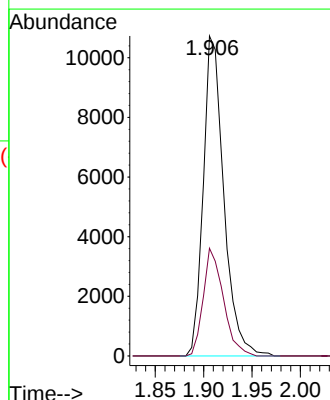
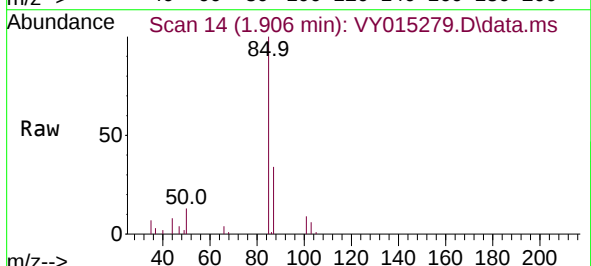
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

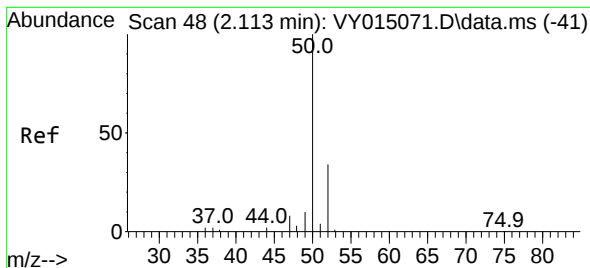
Tgt Ion:168 Resp: 83564
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.769 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 85 Resp: 15887
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3

Chloromethane

Concen: 48.074 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

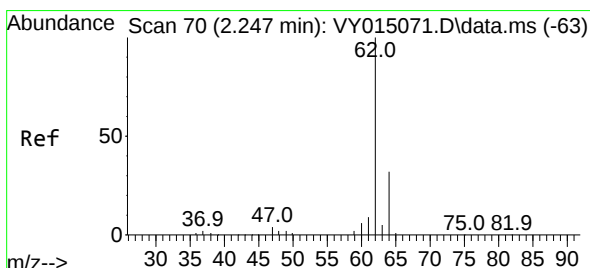
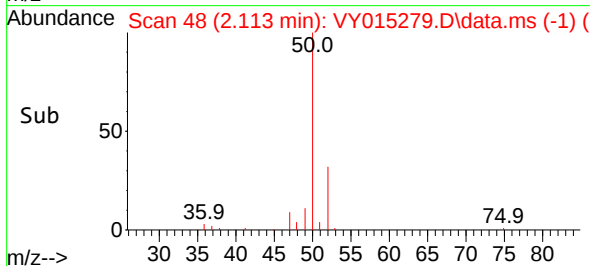
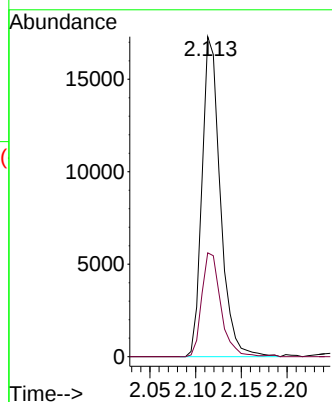
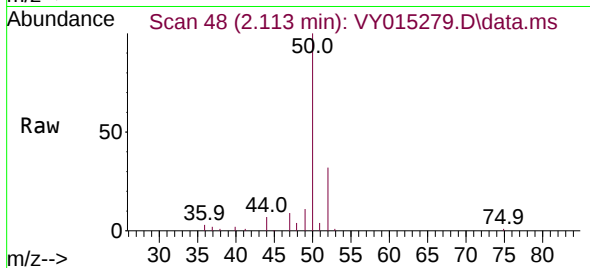
TP-04(1-2)MSD

Tgt Ion: 50 Resp: 24065

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 45.562 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY015279.D

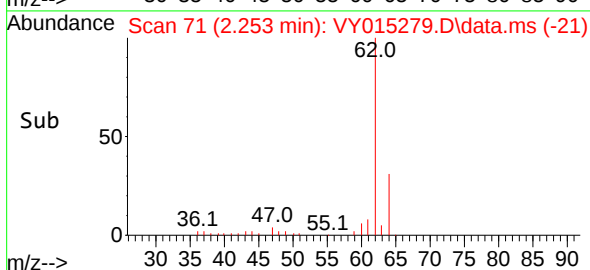
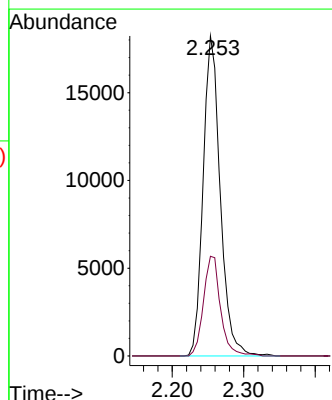
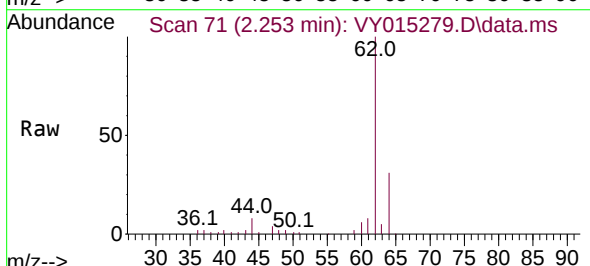
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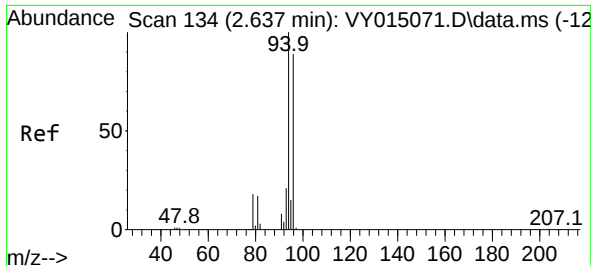
Tgt Ion: 62 Resp: 30296

Ion Ratio Lower Upper

62 100

64 31.2 24.3 36.5

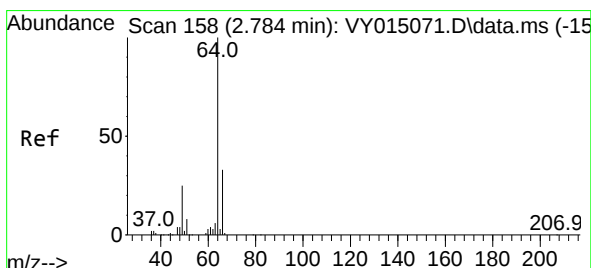
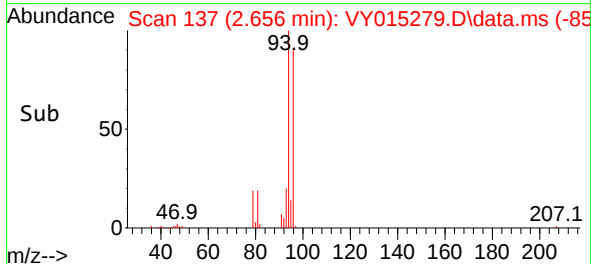
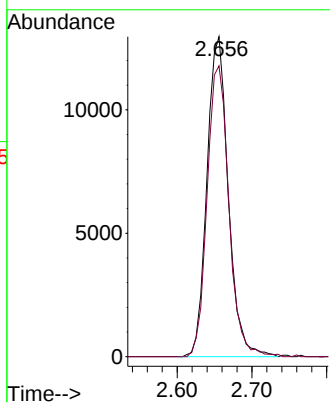
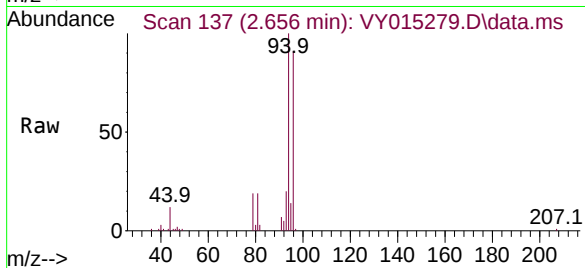




#5
Bromomethane
Concen: 56.075 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
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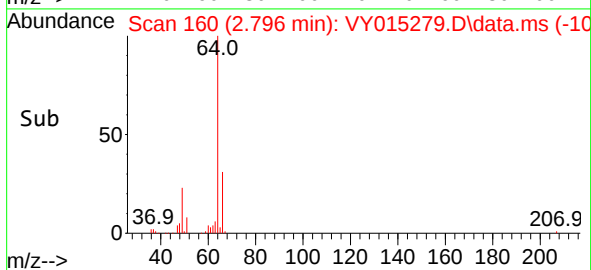
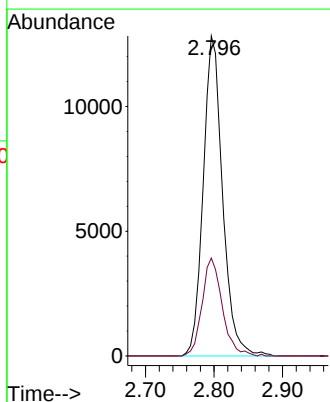
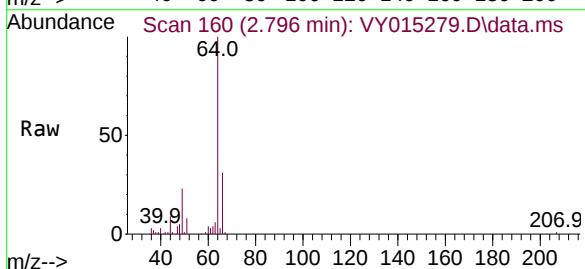
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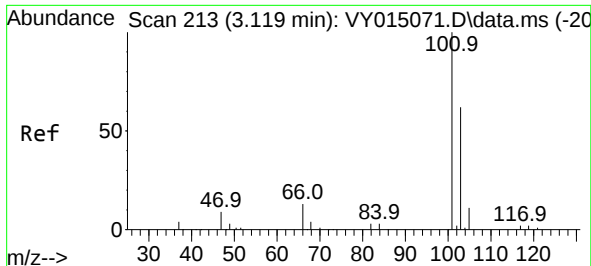
Tgt Ion: 94 Resp: 25670
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6



#6
Chloroethane
Concen: 52.366 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 25281
Ion Ratio Lower Upper
64 100
66 30.6 24.4 36.6

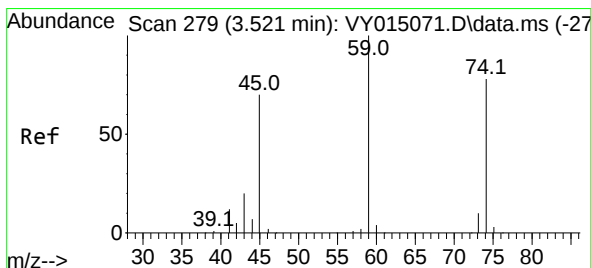
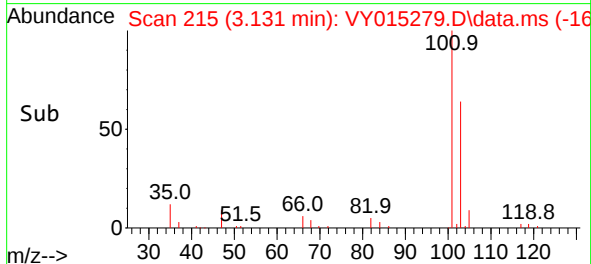
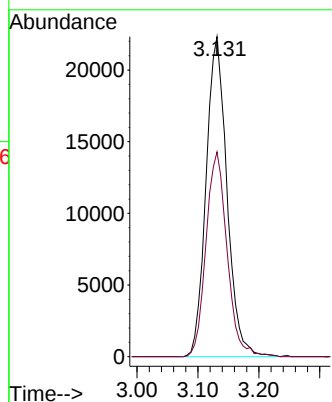
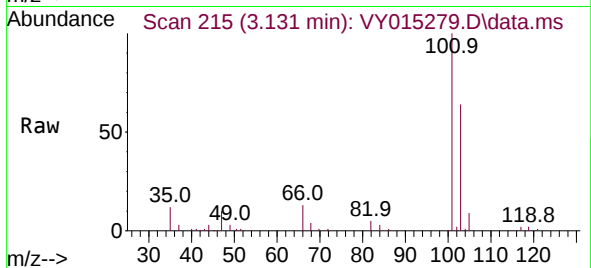




#7
 Trichlorofluoromethane
 Concen: 47.384 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.018 min
 Lab File: VY015279.D
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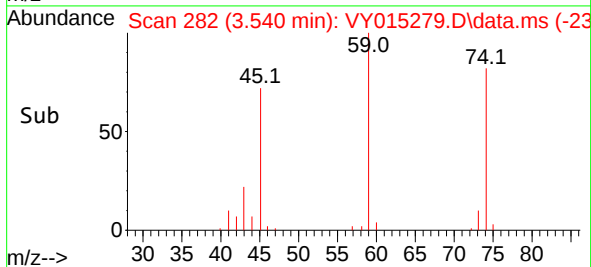
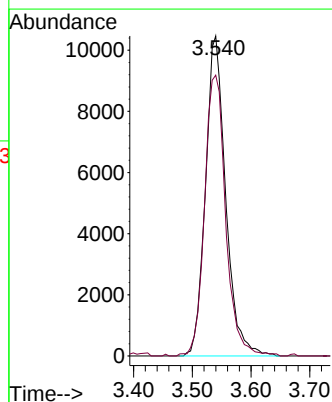
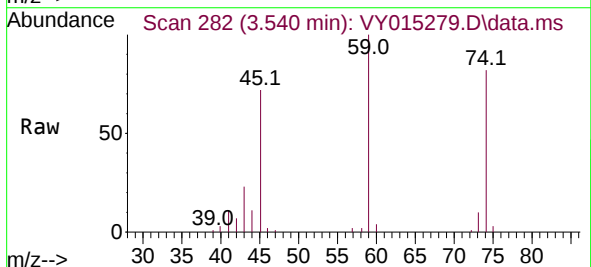
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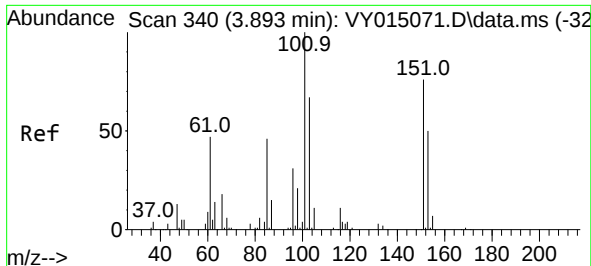
Tgt Ion:101 Resp: 53091
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 56.952 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.018 min
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Tgt Ion: 74 Resp: 25026
 Ion Ratio Lower Upper
 74 100
 45 91.8 51.5 154.5

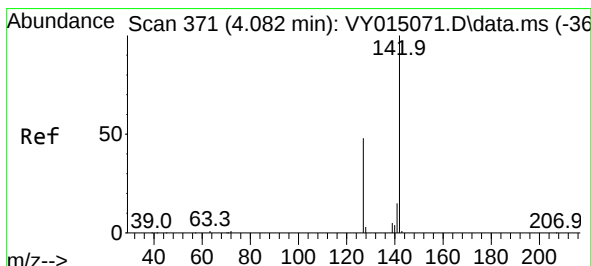
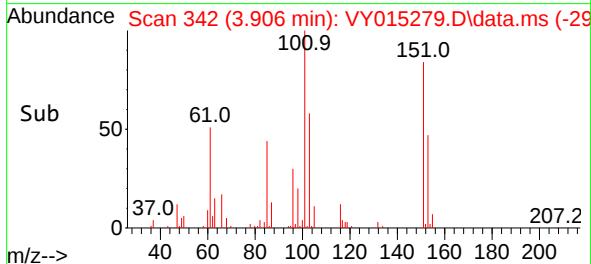
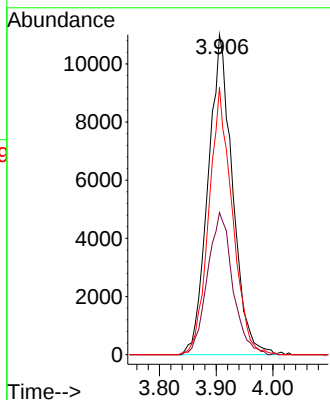
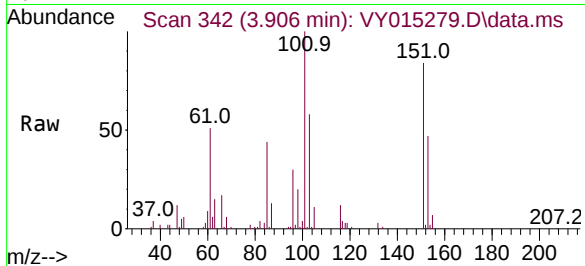




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.216 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

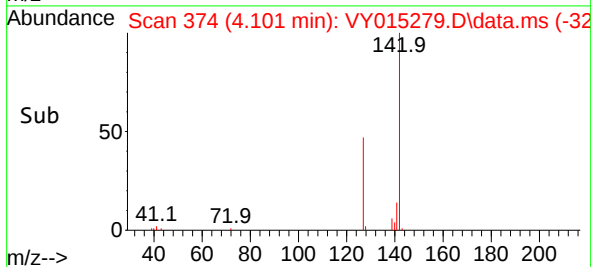
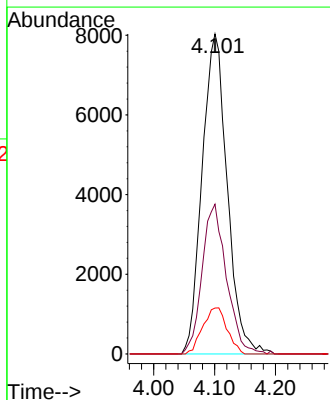
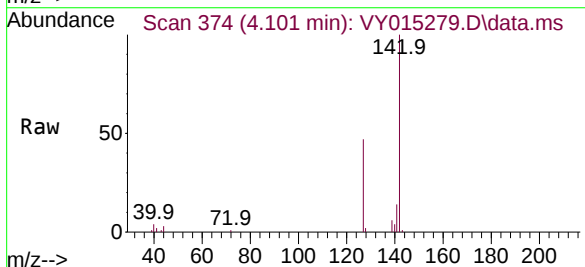
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

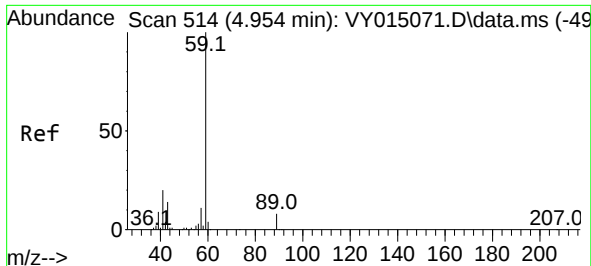
Tgt Ion:101 Resp: 32879
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 80.2 67.0 100.6



#10
Methyl Iodide
Concen: 33.631 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion:142 Resp: 22996
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.0 11.8 17.8

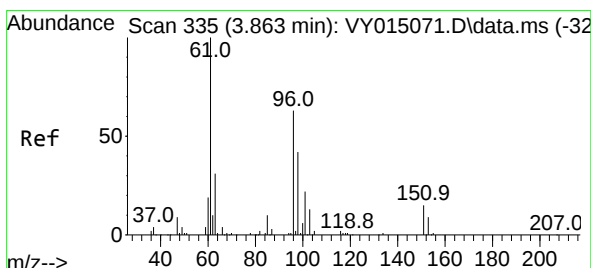
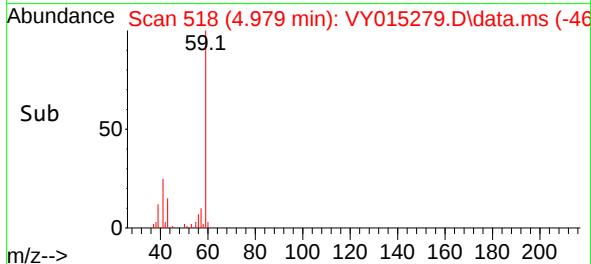
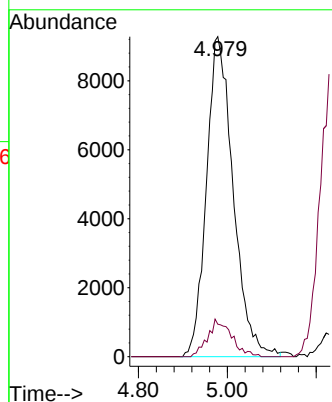
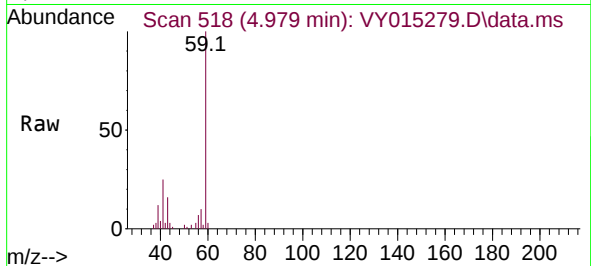




#11
Tert butyl alcohol
Concen: 233.603 ug/l
RT: 4.979 min Scan# 514
Delta R.T. 0.031 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

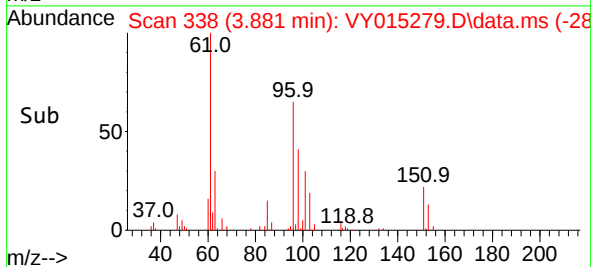
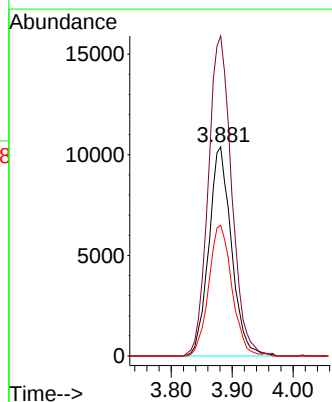
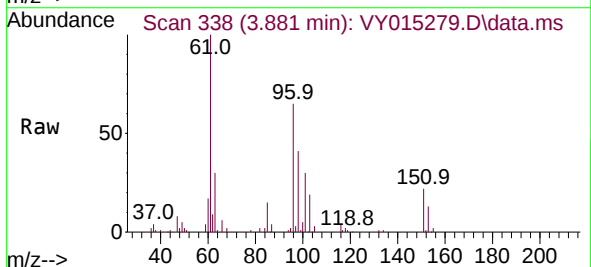
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

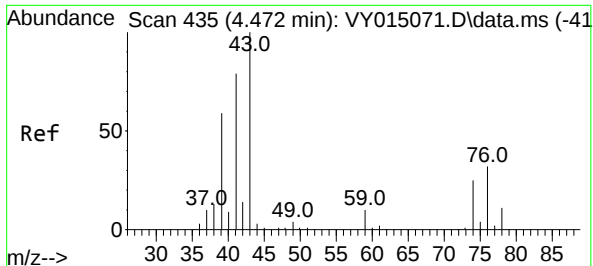
Tgt Ion: 59 Resp: 38755
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.135 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 96 Resp: 26826
Ion Ratio Lower Upper
96 100
61 153.1 136.4 204.6
98 62.6 49.4 74.2

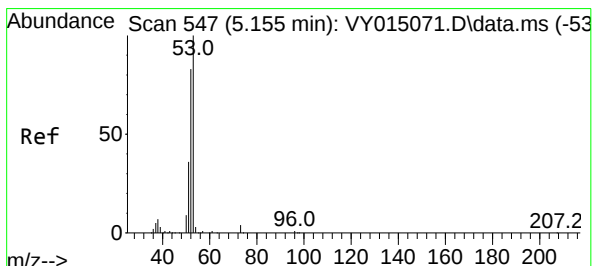
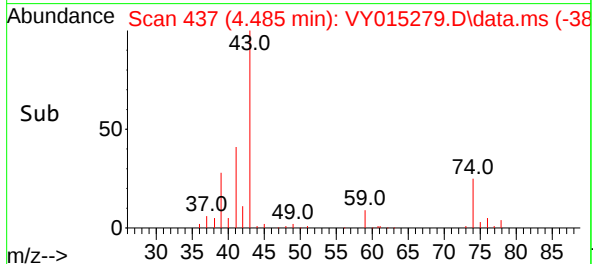
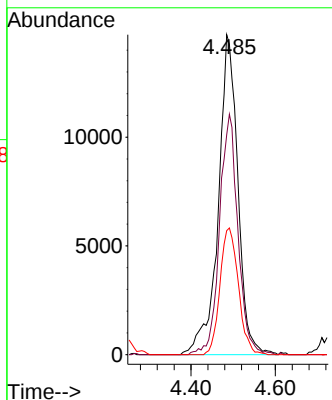
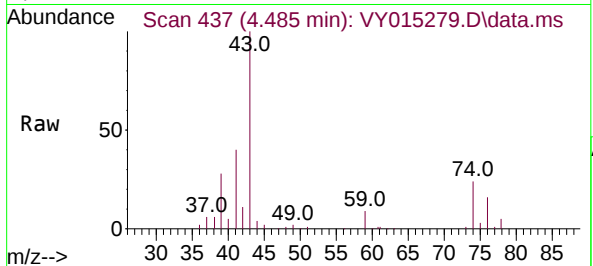




#14
 Allyl chloride
 Concen: 45.992 ug/l
 RT: 4.485 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

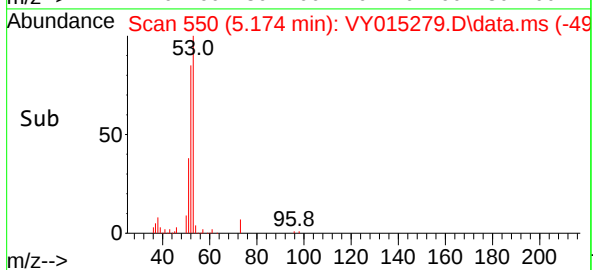
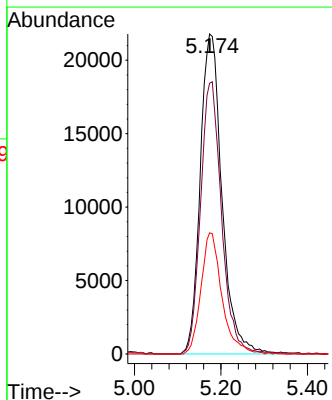
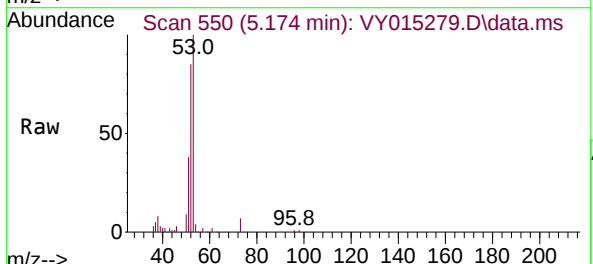
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD

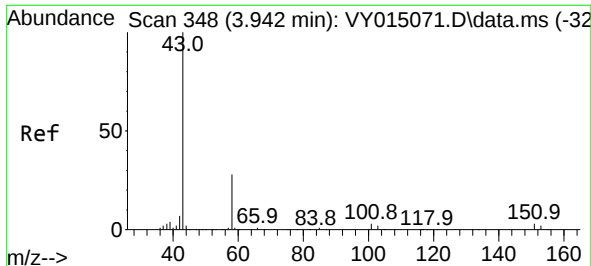
Tgt Ion:	41	Resp:	47415
Ion	Ratio	Lower	Upper
41	100		
39	70.5	58.0	87.0
76	37.1	27.4	41.2



#15
 Acrylonitrile
 Concen: 255.251 ug/l
 RT: 5.174 min Scan# 550
 Delta R.T. 0.018 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

Tgt Ion:	53	Resp:	76011
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.9	100.3
51	36.4	29.8	44.6





#16

Acetone

Concen: 209.418 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

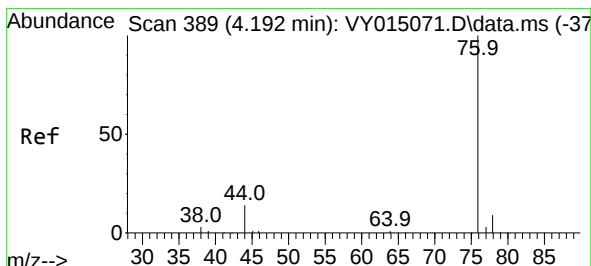
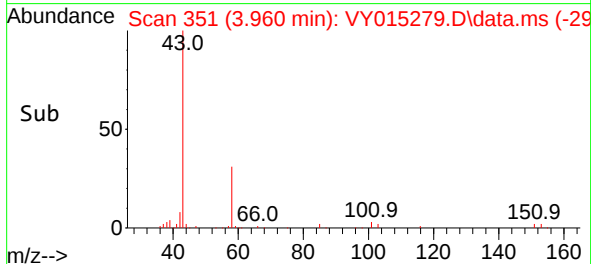
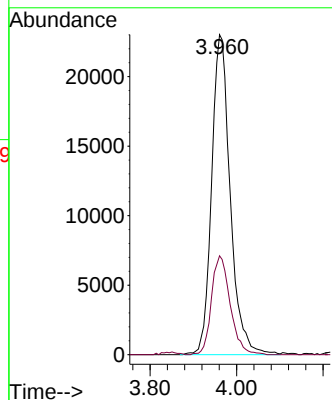
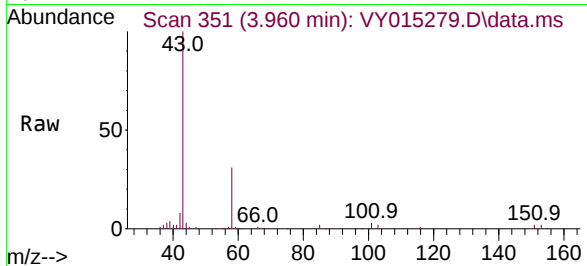
TP-04(1-2)MSD

Tgt Ion: 43 Resp: 68626

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1



#17

Carbon Disulfide

Concen: 40.876 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY015279.D

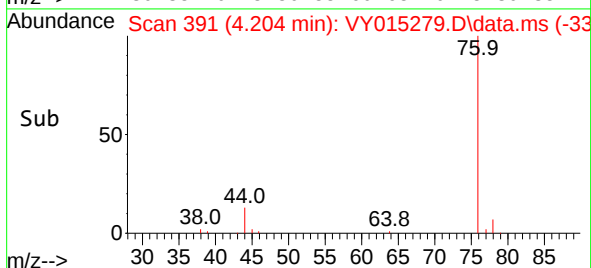
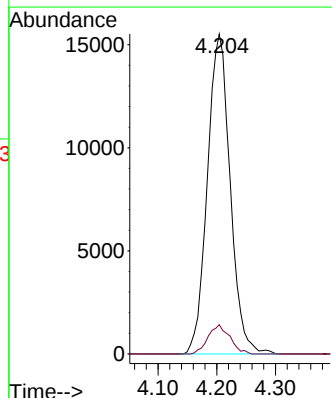
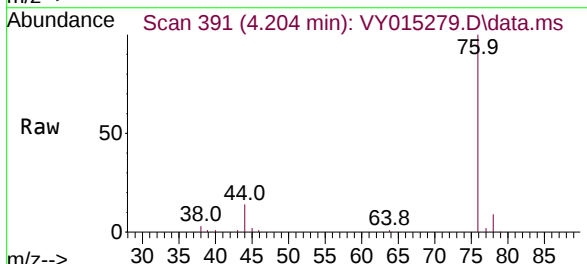
Acq: 23 Aug 2023 05:18

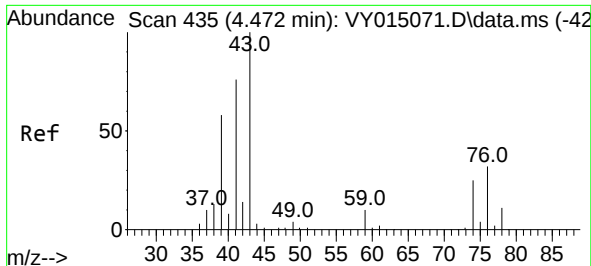
Tgt Ion: 76 Resp: 41829

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

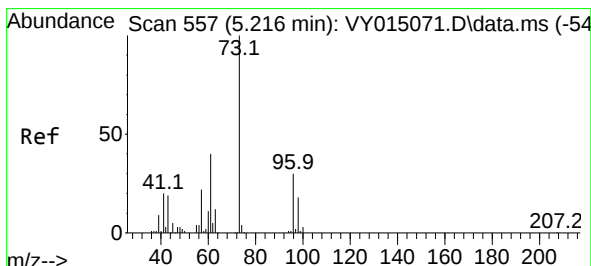
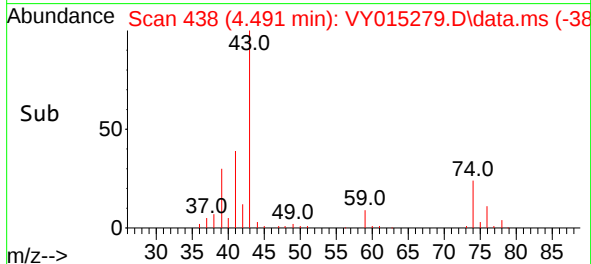
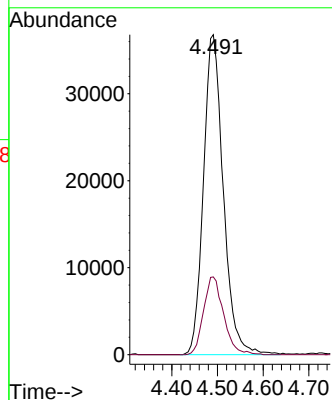
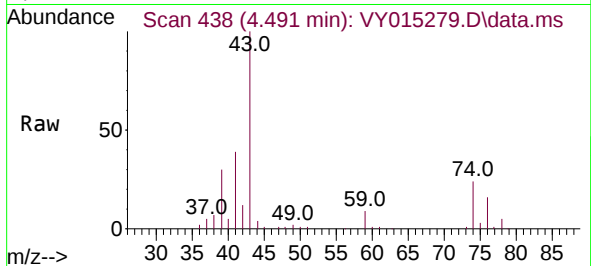




#18
Methyl Acetate
Concen: 92.313 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

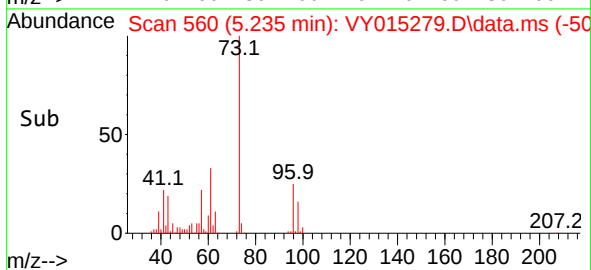
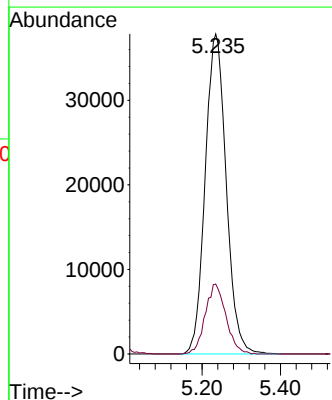
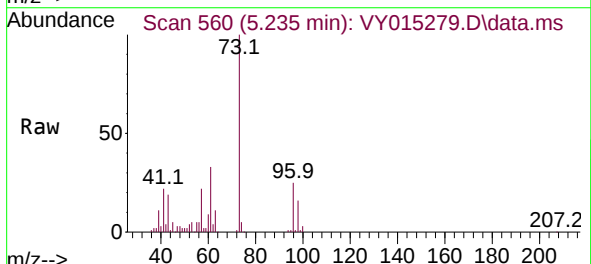
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

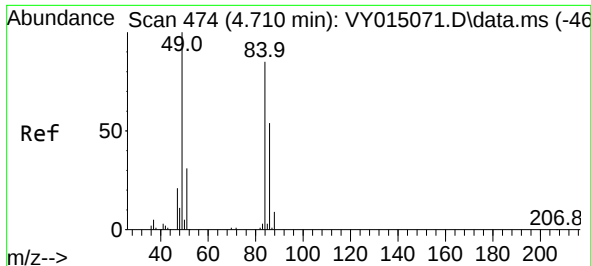
Tgt Ion: 43 Resp: 110857
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



#19
Methyl tert-butyl Ether
Concen: 56.945 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.025 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 73 Resp: 140791
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

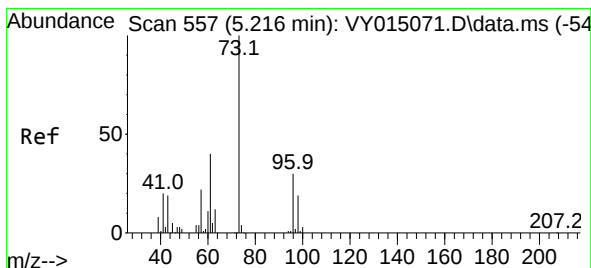
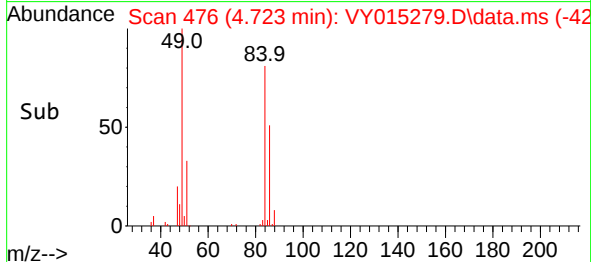
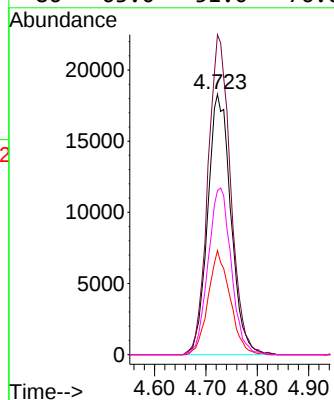
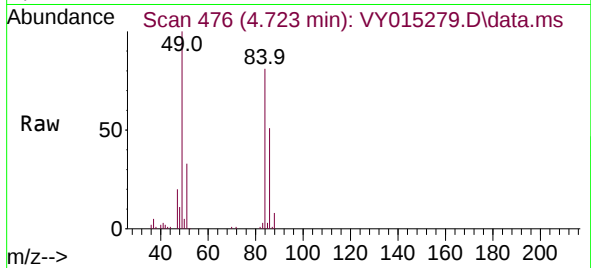




#20
Methylene Chloride
Concen: 75.278 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

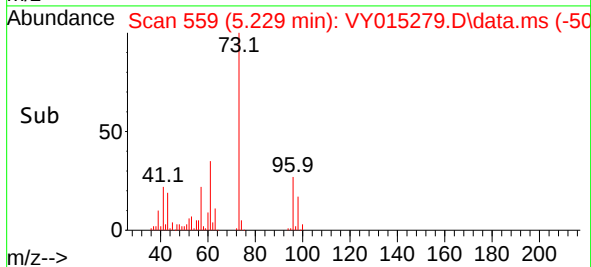
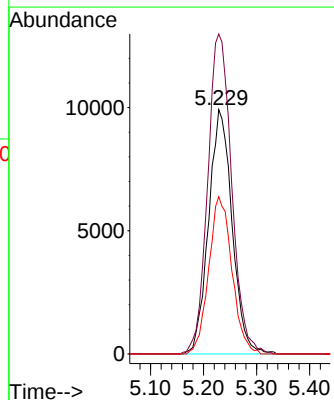
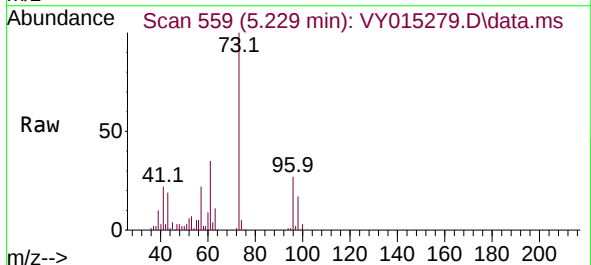
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

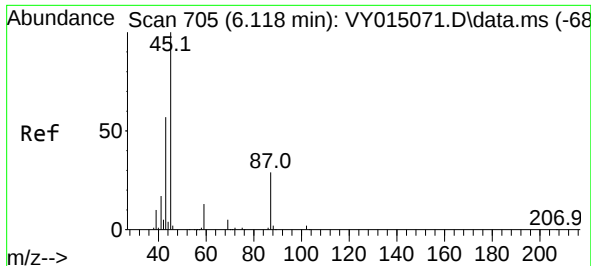
Tgt Ion: 84 Resp: 57430
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 40.0 33.2 49.8
86 63.0 51.0 76.6



#21
trans-1,2-Dichloroethene
Concen: 46.554 ug/l
RT: 5.229 min Scan# 559
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 96 Resp: 30534
Ion Ratio Lower Upper
96 100
61 131.0 110.2 165.4
98 64.4 51.8 77.6

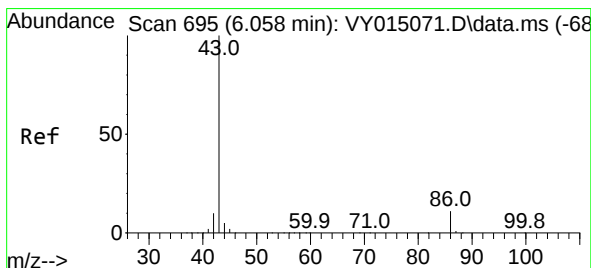
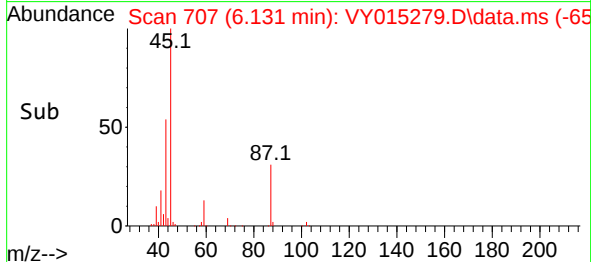
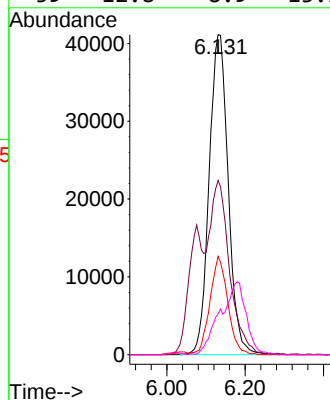
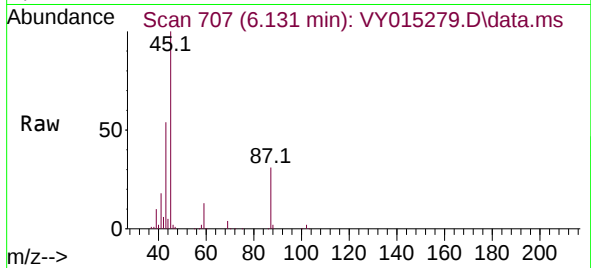




#22
Diisopropyl ether
Concen: 53.947 ug/l
RT: 6.131 min Scan# 705
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

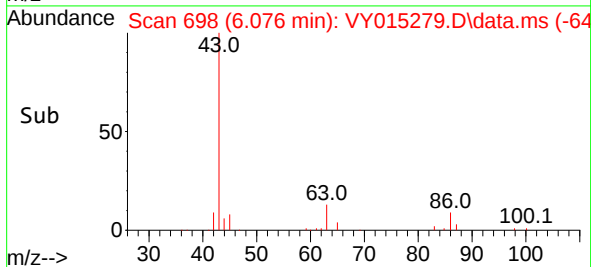
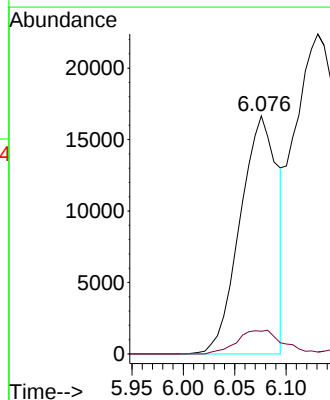
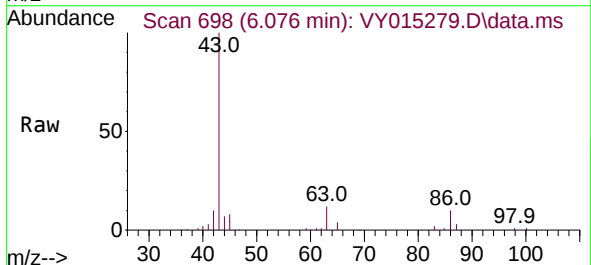
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

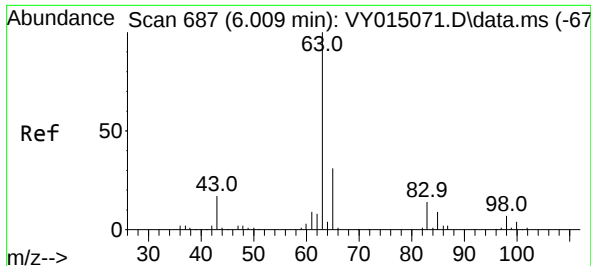
Tgt Ion:	45	Resp:	138776
Ion	Ratio	Lower	Upper
45	100		
43	54.2	52.2	78.4
87	30.7	21.0	31.6
59	12.8	8.9	13.3



#23
Vinyl Acetate
Concen: 27.411 ug/l
RT: 6.076 min Scan# 698
Delta R.T. 0.025 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion:	43	Resp:	42074
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.5	11.3

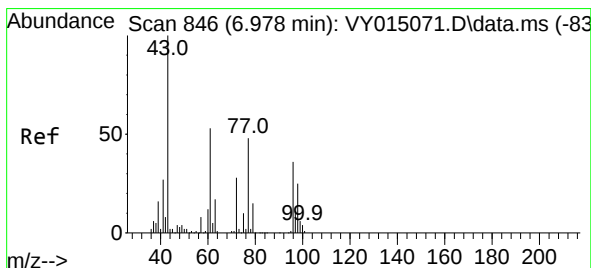
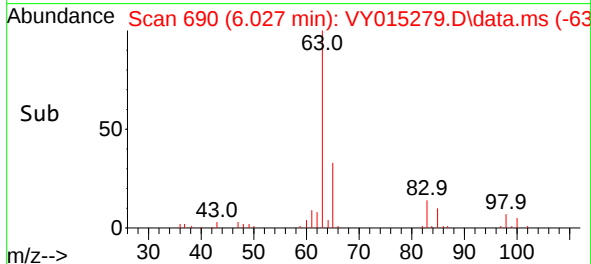
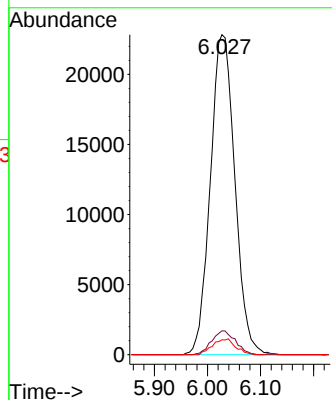
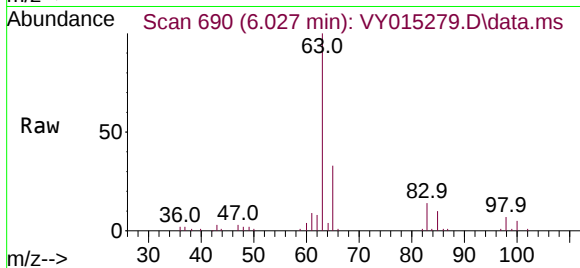




#24
1,1-Dichloroethane
Concen: 52.670 ug/l
RT: 6.027 min Scan# 61
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

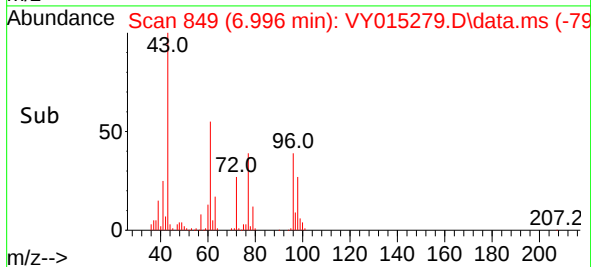
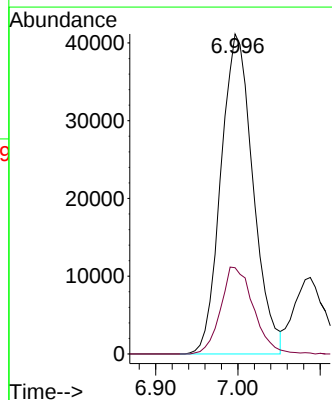
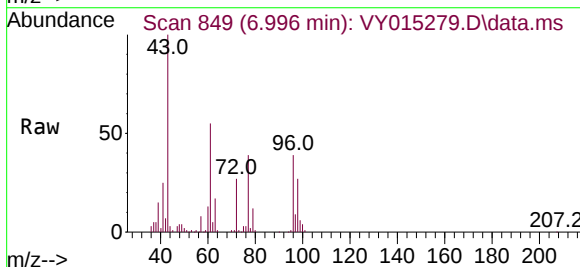
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

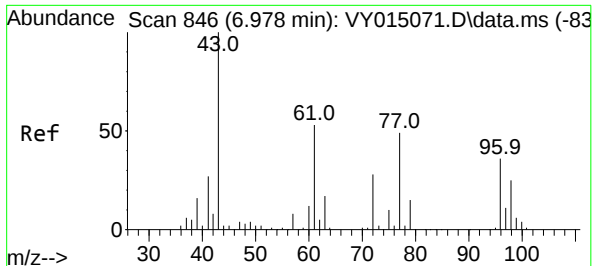
Tgt Ion:	63	Resp:	73353
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.1	9.4
100	4.6	1.8	5.5



#25
2-Butanone
Concen: 241.440 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion:	43	Resp:	112025
Ion	Ratio	Lower	Upper
43	100		
72	27.0	20.5	30.7





#26

2,2-Dichloropropane

Concen: 36.821 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

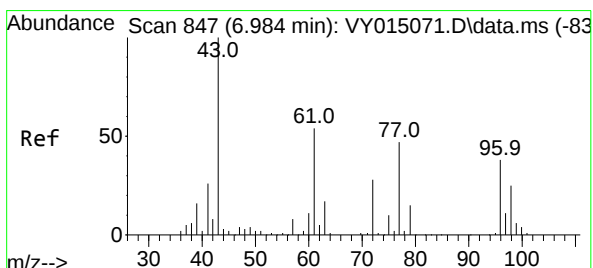
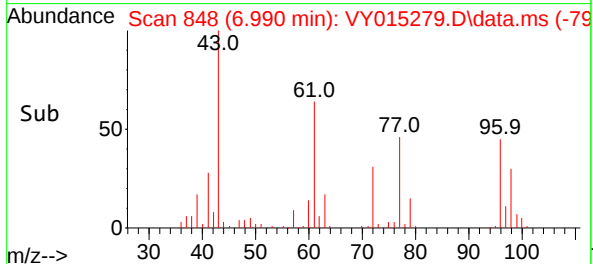
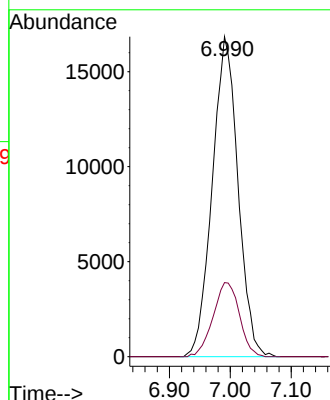
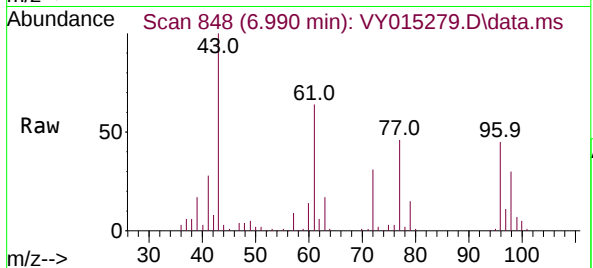
TP-04(1-2)MSD

Tgt Ion: 77 Resp: 49435

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.9



#27

cis-1,2-Dichloroethene

Concen: 50.305 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

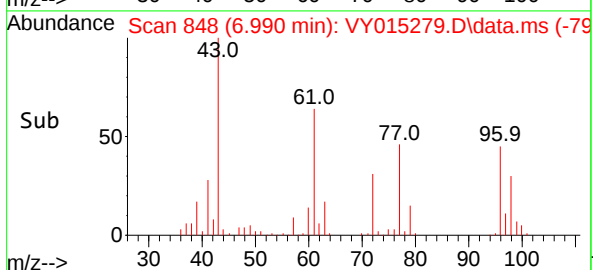
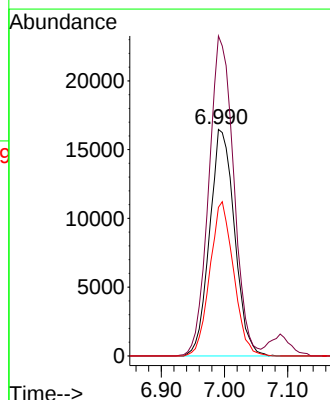
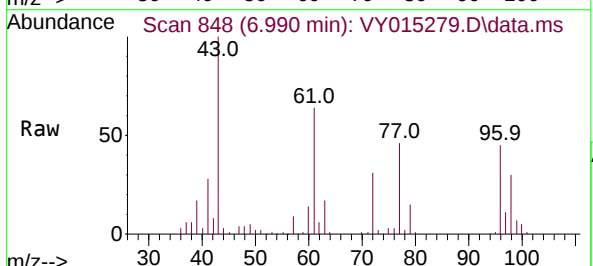
Tgt Ion: 96 Resp: 45071

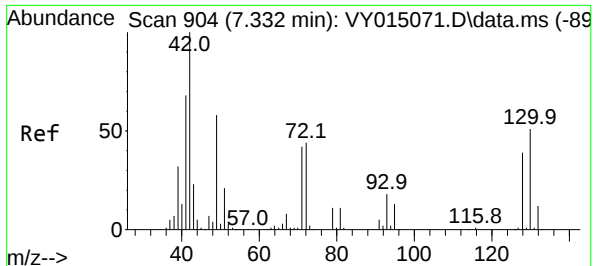
Ion Ratio Lower Upper

96 100

61 141.4 0.0 301.4

98 64.9 0.0 130.4

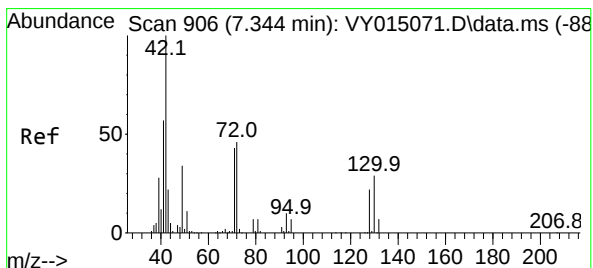
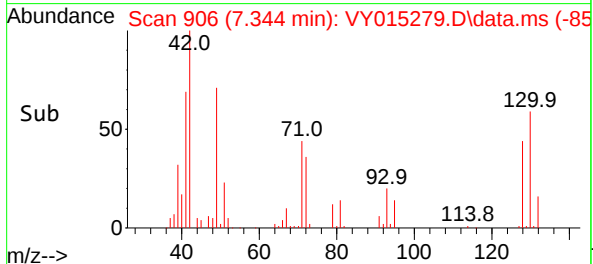
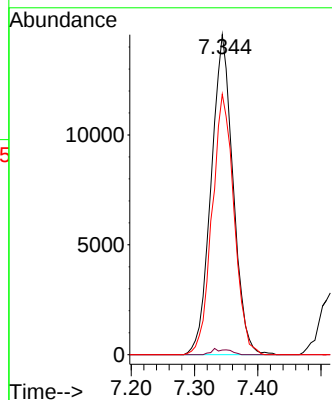
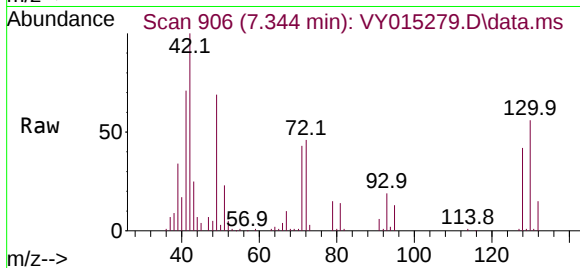




#28
Bromochloromethane
Concen: 54.769 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

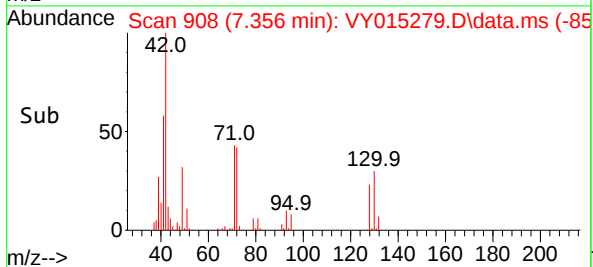
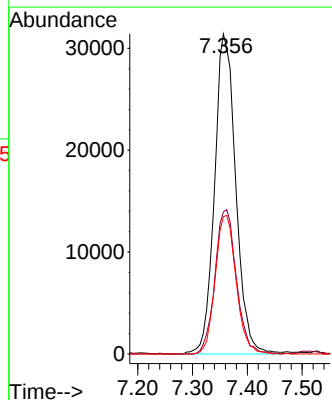
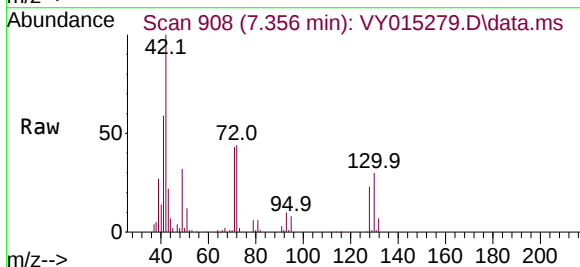
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

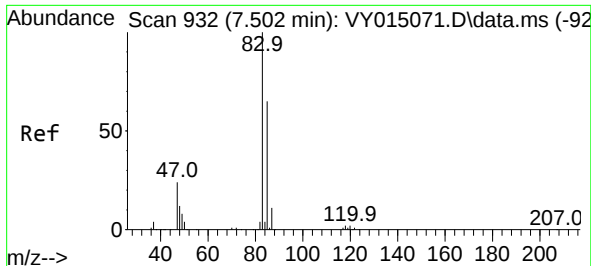
Tgt Ion: 49 Resp: 35044
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 81.3 60.7 91.1



#29
Tetrahydrofuran
Concen: 304.770 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 42 Resp: 84555
Ion Ratio Lower Upper
42 100
72 45.6 32.8 49.2
71 42.5 31.0 46.4

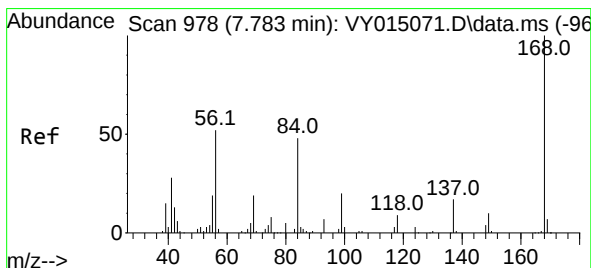
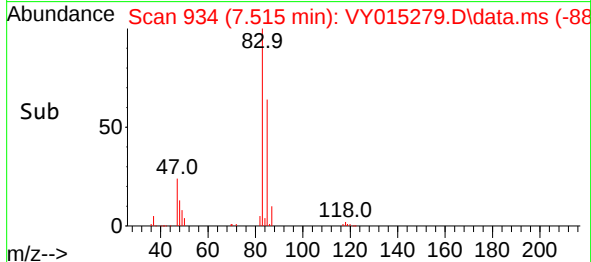
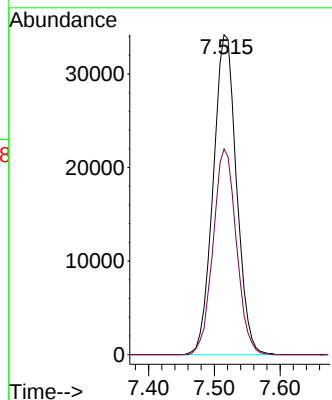
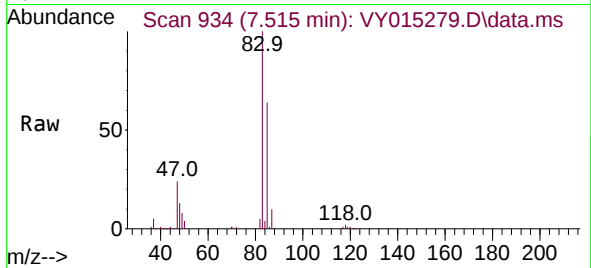




#30
Chloroform
Concen: 54.056 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

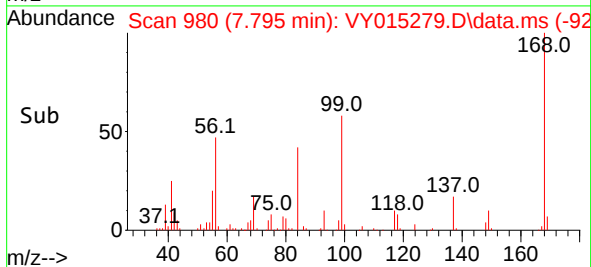
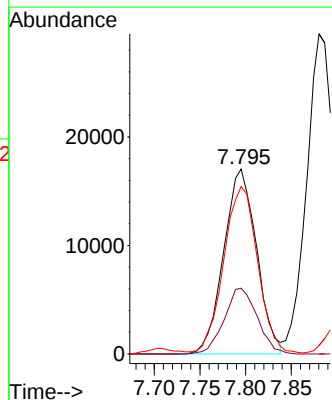
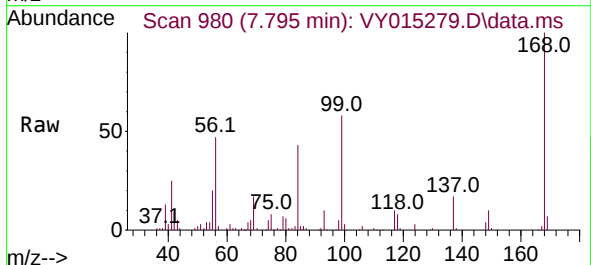
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

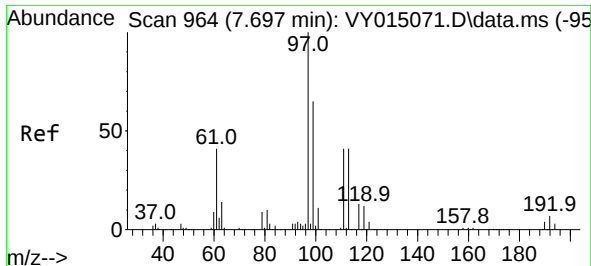
Tgt Ion: 83 Resp: 84395
Ion Ratio Lower Upper
83 100
85 64.3 49.7 74.5



#31
Cyclohexane
Concen: 47.392 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.018 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 56 Resp: 42582
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.6
84 89.0 66.4 99.6

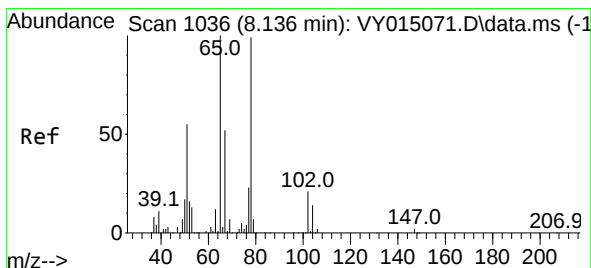
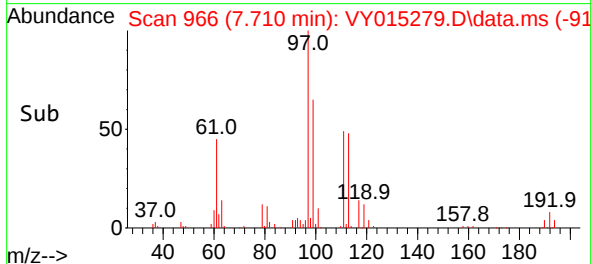
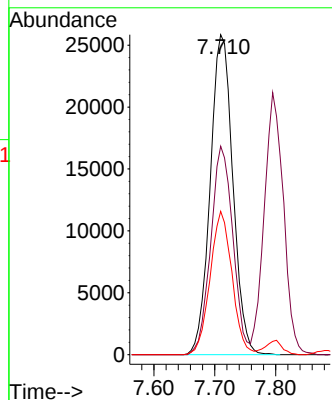
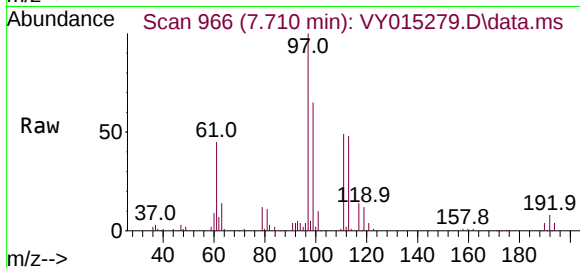




#32
1,1,1-Trichloroethane
Concen: 50.215 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

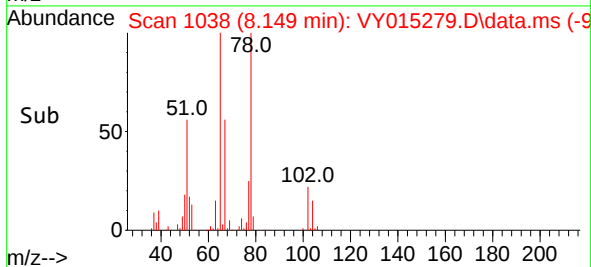
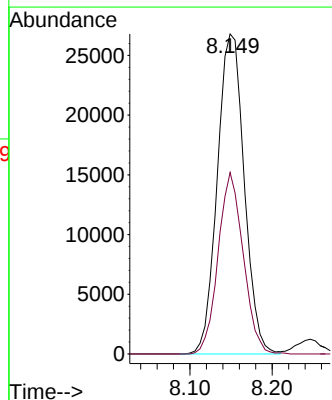
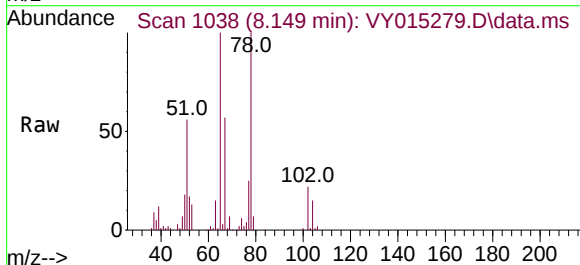
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

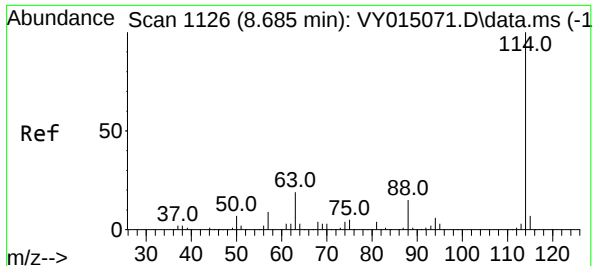
Tgt Ion: 97 Resp: 66712
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 43.3 35.1 52.7



#33
1,2-Dichloroethane-d4
Concen: 60.890 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 65 Resp: 61079
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

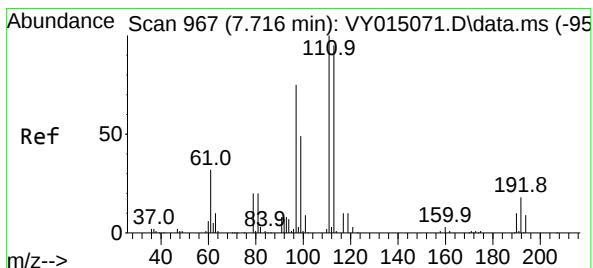
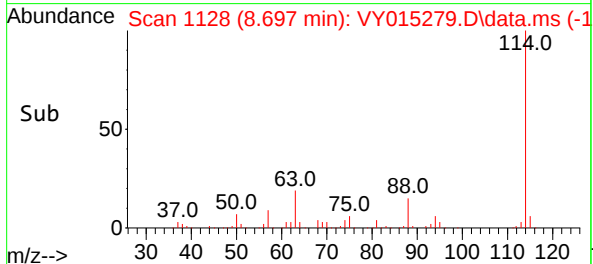
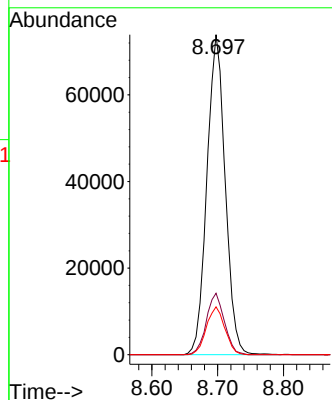
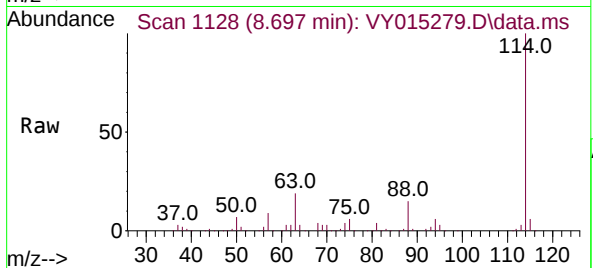
Tgt Ion:114 Resp: 142789

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.447 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

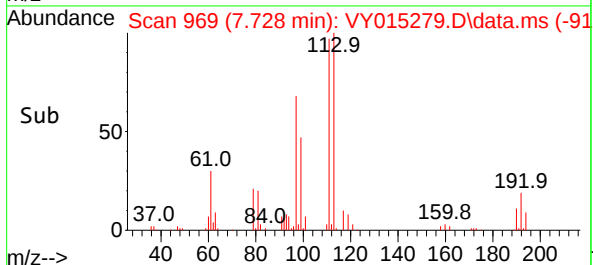
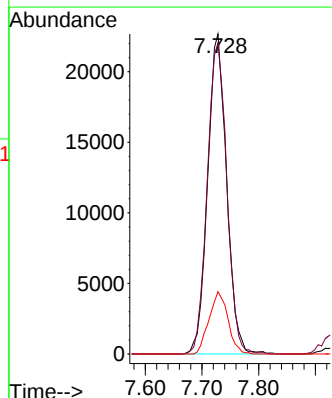
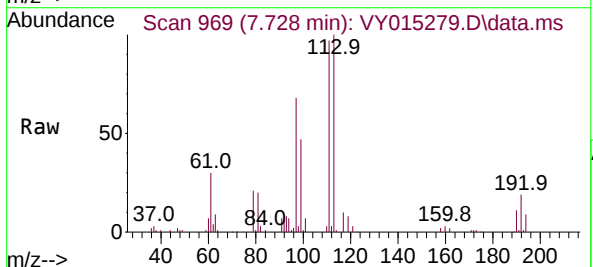
Tgt Ion:113 Resp: 52771

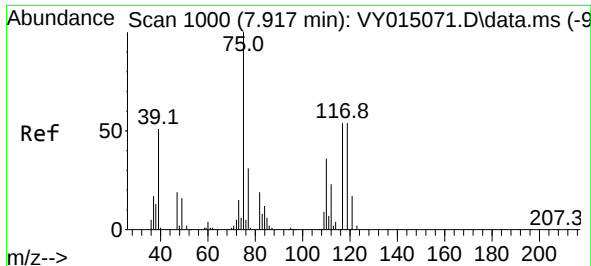
Ion Ratio Lower Upper

113 100

111 100.3 81.3 121.9

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 45.373 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.018 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

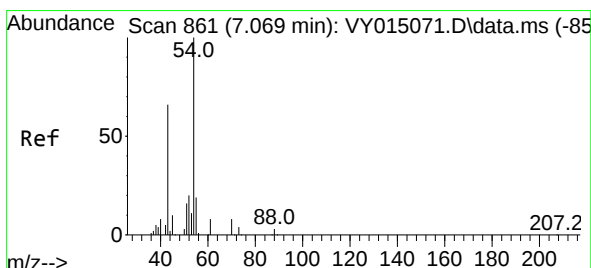
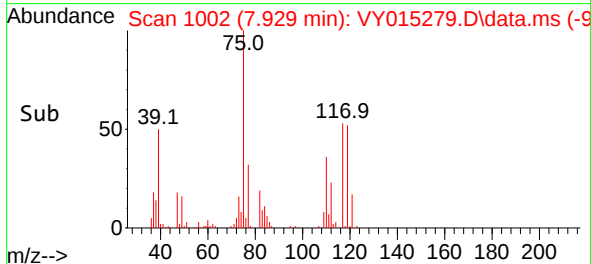
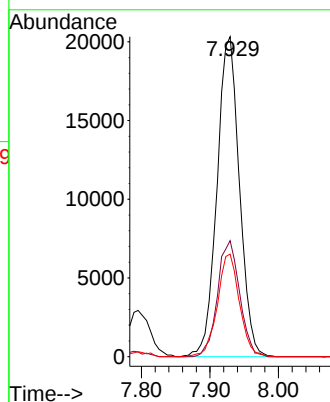
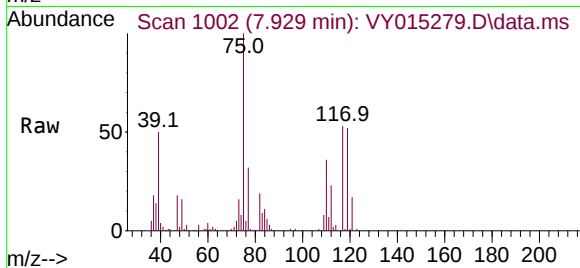
Tgt Ion: 75 Resp: 46111

Ion Ratio Lower Upper

75 100

110 35.8 17.8 53.5

77 31.5 24.4 36.6



#37

Ethyl Acetate

Concen: 28.328 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.018 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

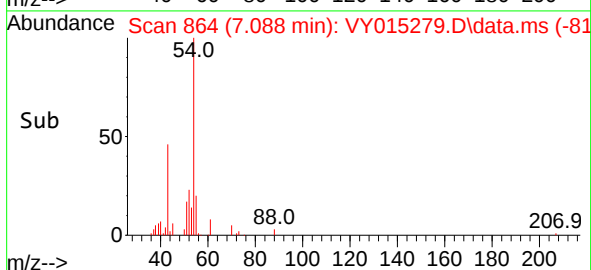
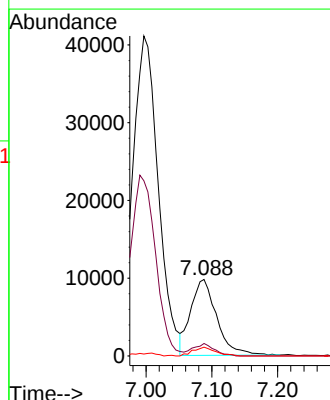
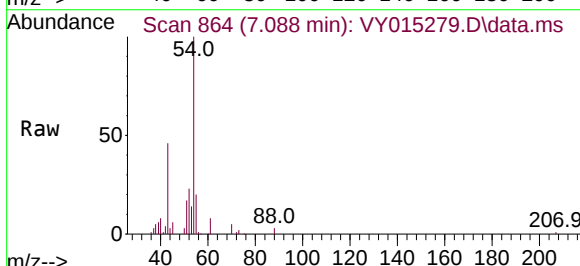
Tgt Ion: 43 Resp: 26835

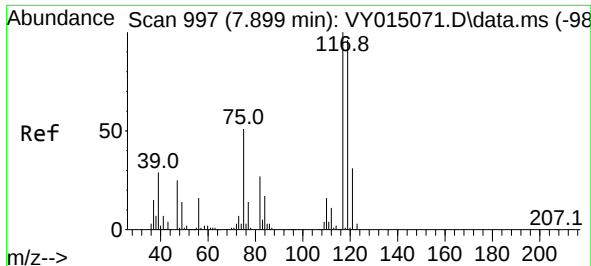
Ion Ratio Lower Upper

43 100

61 13.4 10.1 15.1

70 9.9 7.1 10.7

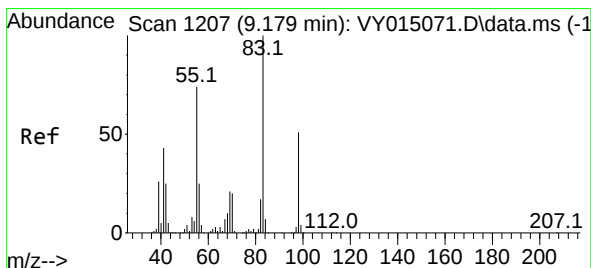
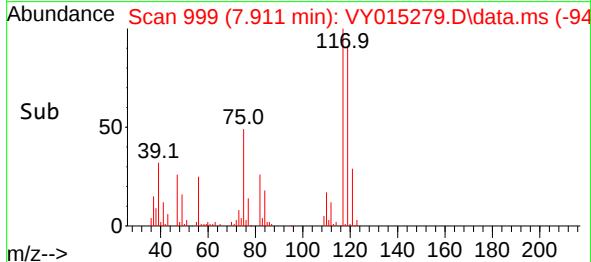
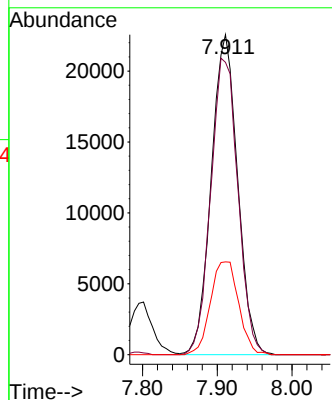
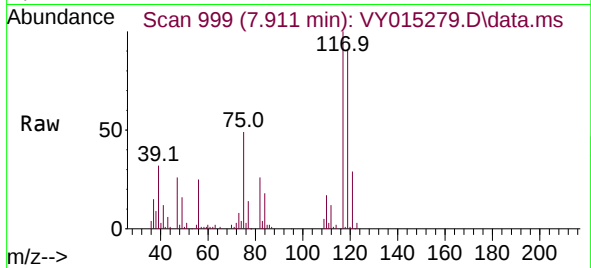




#38
Carbon Tetrachloride
Concen: 45.980 ug/l
RT: 7.911 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

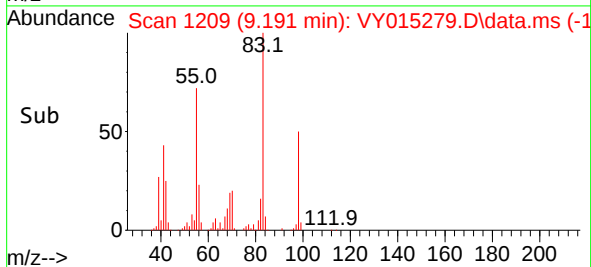
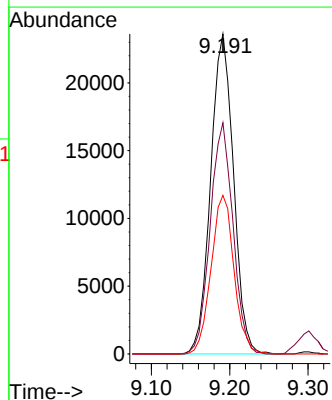
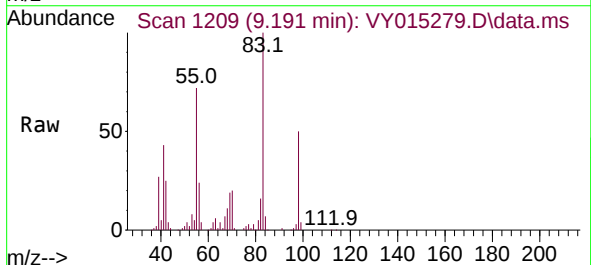
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

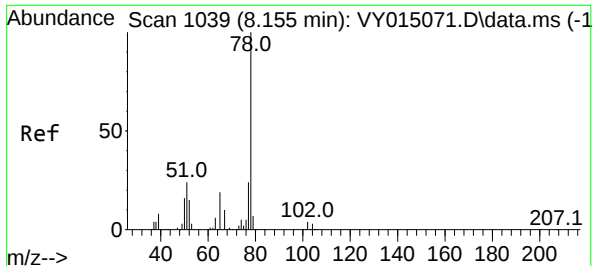
Tgt Ion:117 Resp: 55303
Ion Ratio Lower Upper
117 100
119 91.4 76.4 114.6
121 29.0 25.8 38.6



#39
Methylcyclohexane
Concen: 41.976 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 83 Resp: 47822
Ion Ratio Lower Upper
83 100
55 72.2 63.0 94.4
98 49.6 37.4 56.2

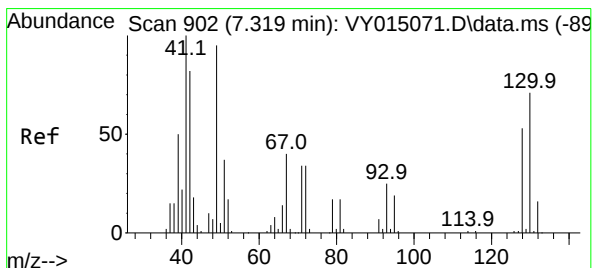
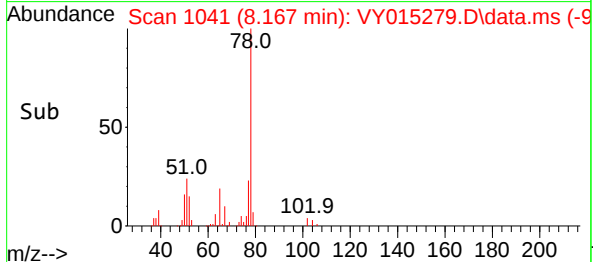
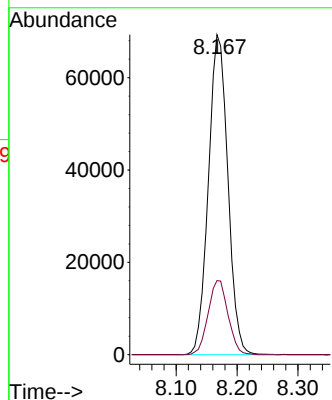
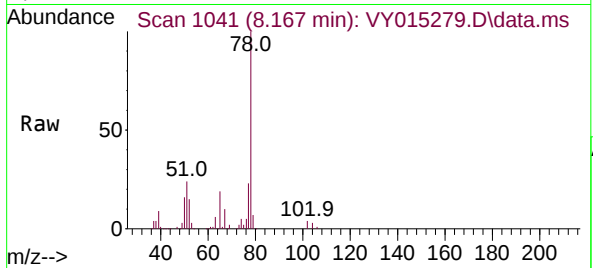




#40
Benzene
Concen: 50.000 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

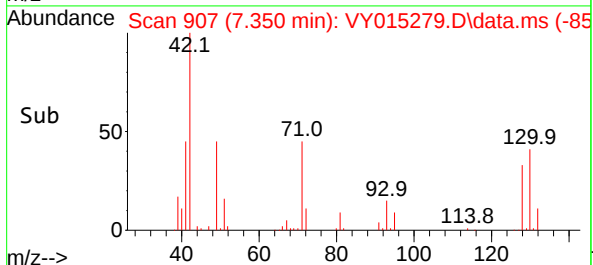
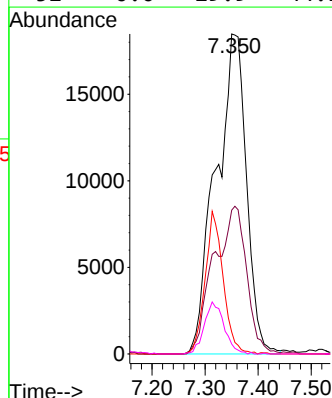
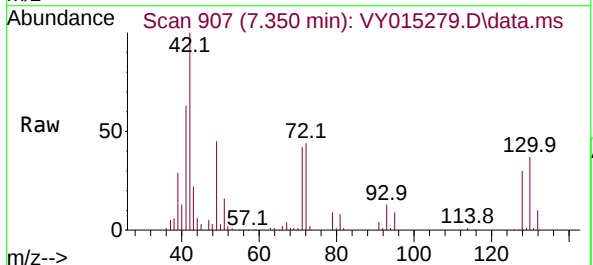
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

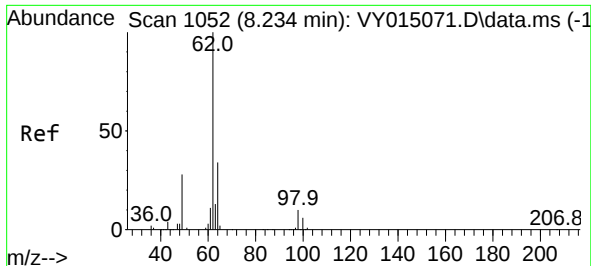
Tgt Ion: 78 Resp: 153627
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#41
Methacrylonitrile
Concen: 151.341 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 41 Resp: 73926
Ion Ratio Lower Upper
41 100
39 30.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 54.542 ug/l

RT: 8.246 min Scan# 1054

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

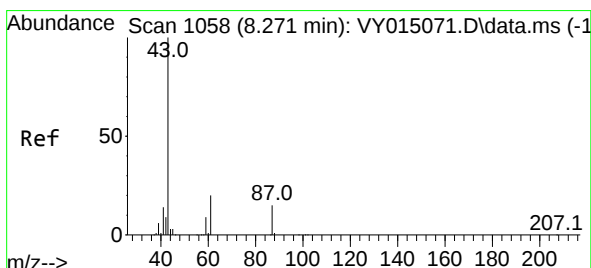
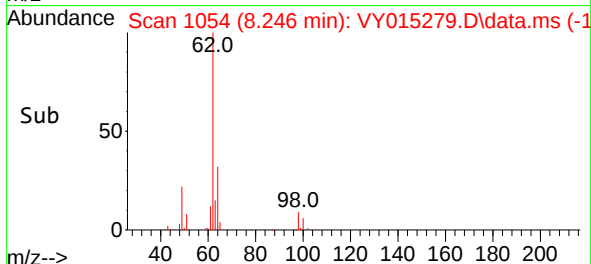
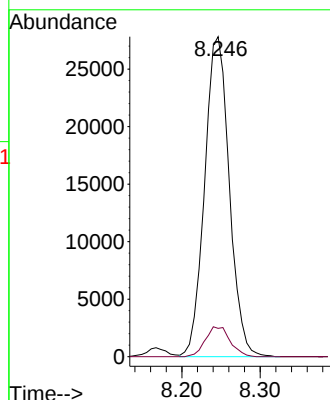
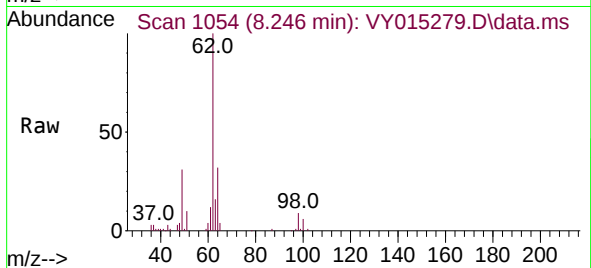
TP-04(1-2)MSD

Tgt Ion: 62 Resp: 60862

Ion Ratio Lower Upper

62 100

98 9.4 0.0 15.8



#43

Isopropyl Acetate

Concen: 33.545 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

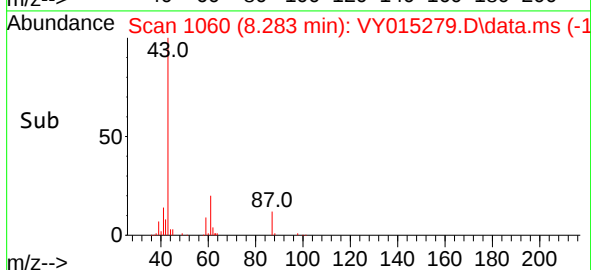
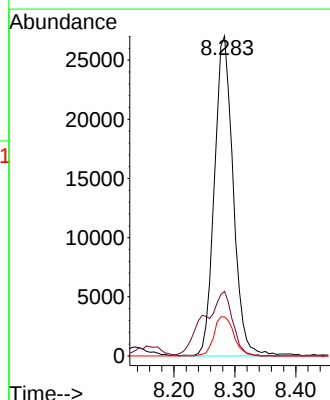
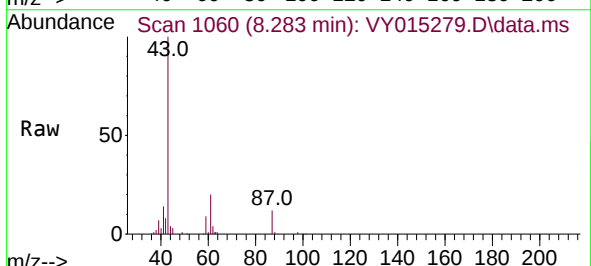
Tgt Ion: 43 Resp: 57867

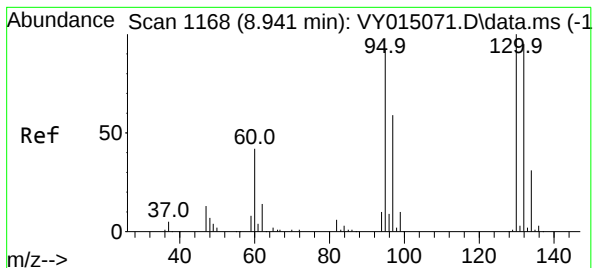
Ion Ratio Lower Upper

43 100

61 30.8 21.1 31.7

87 13.1 9.8 14.8





#44

Trichloroethene

Concen: 47.418 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

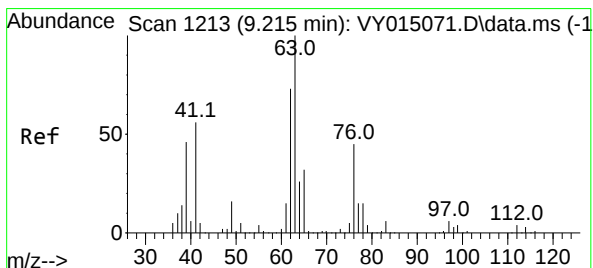
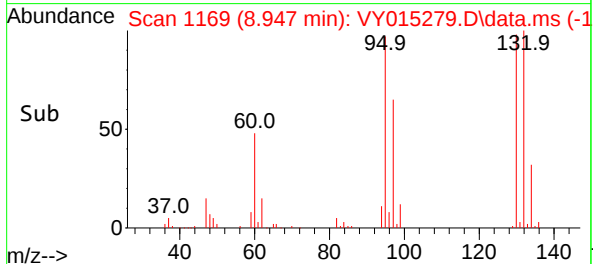
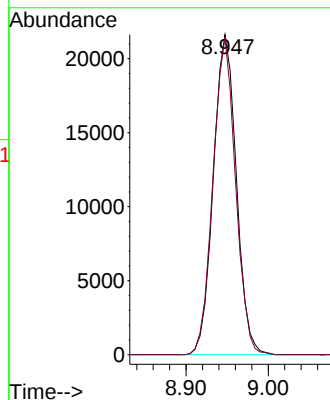
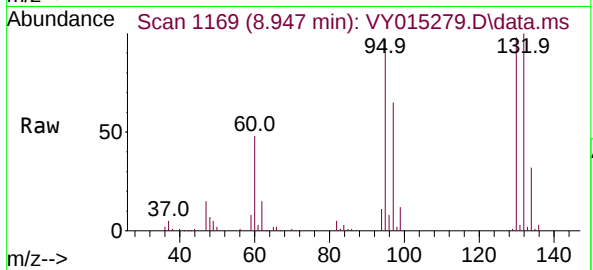
TP-04(1-2)MSD

Tgt Ion:130 Resp: 41974

Ion Ratio Lower Upper

130 100

95 99.1 0.0 196.0



#45

1,2-Dichloropropane

Concen: 52.782 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY015279.D

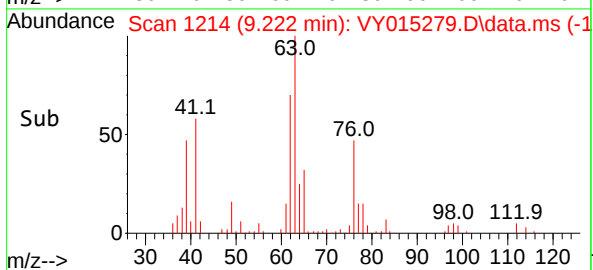
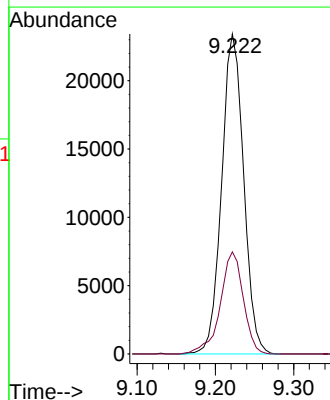
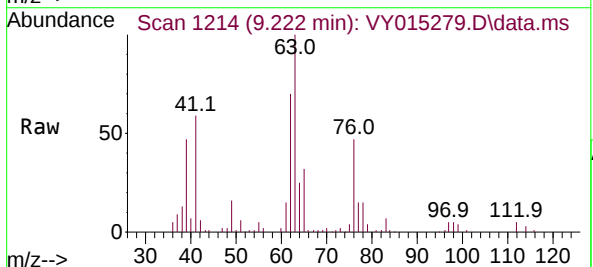
Acq: 23 Aug 2023 05:18

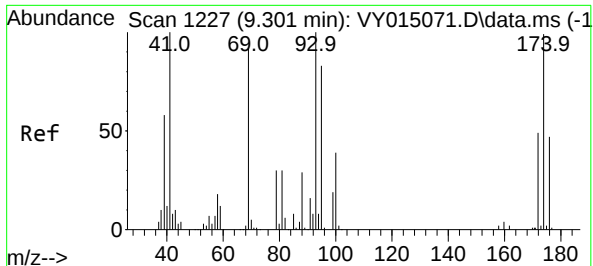
Tgt Ion: 63 Resp: 45731

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6

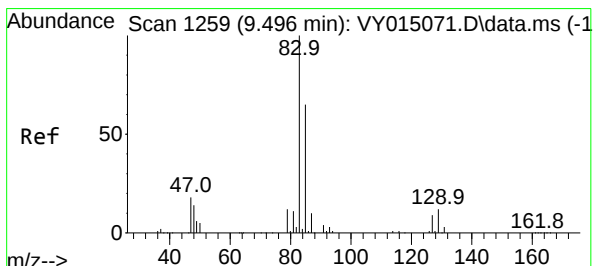
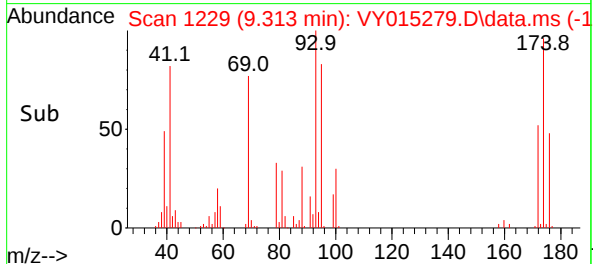
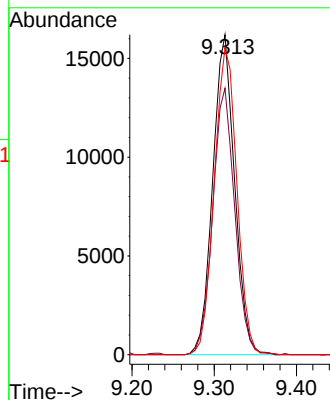
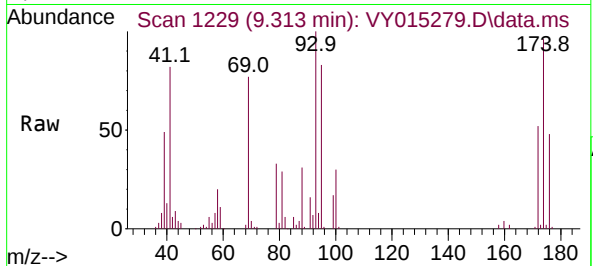




#46
Dibromomethane
Concen: 54.762 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

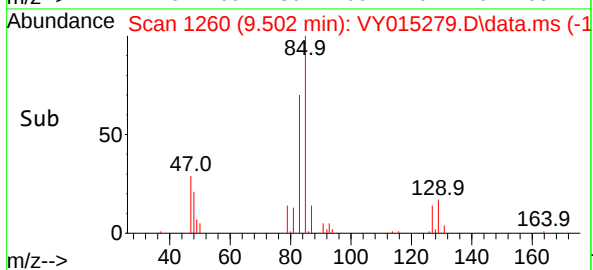
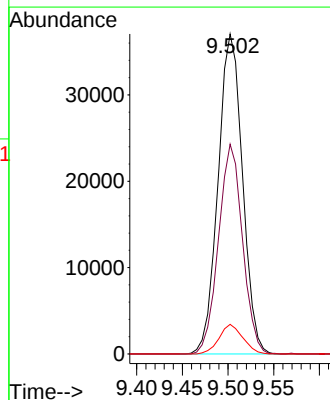
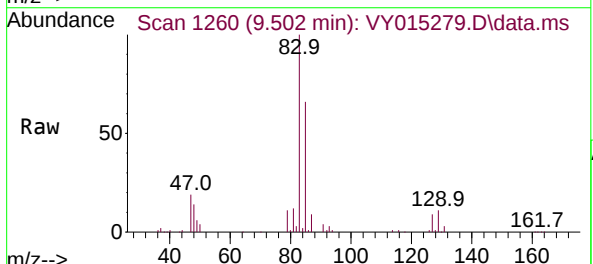
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

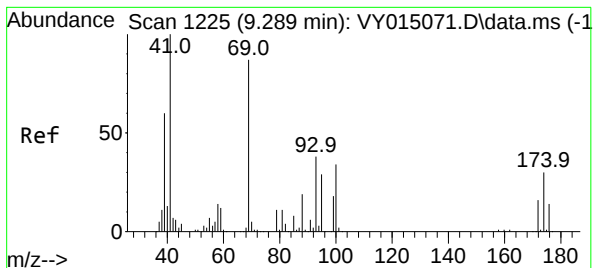
Tgt Ion: 93 Resp: 29925
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 99.5 84.8 127.2



#47
Bromodichloromethane
Concen: 52.834 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 83 Resp: 68894
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 9.3 7.1 10.7





#48

Methyl methacrylate

Concen: 65.187 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

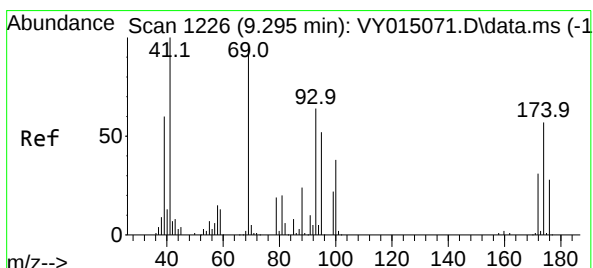
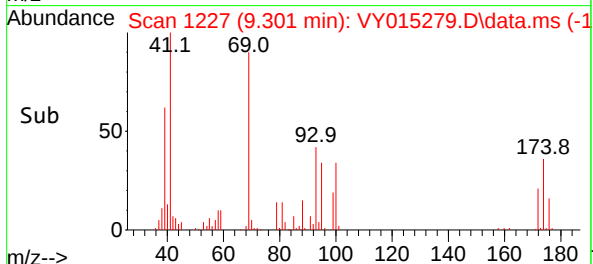
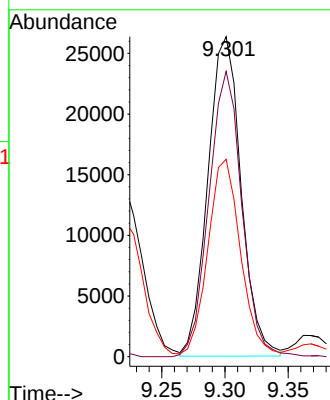
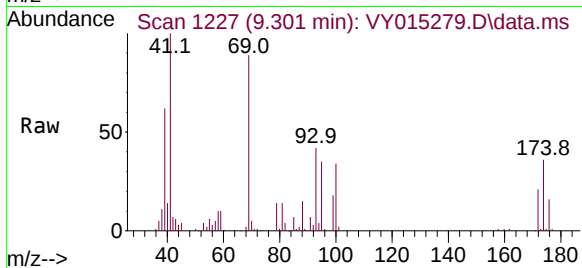
Tgt Ion: 41 Resp: 48105

Ion Ratio Lower Upper

41 100

69 88.4 64.5 96.7

39 61.0 50.8 76.2



#49

1,4-Dioxane

Concen: 1155.191 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

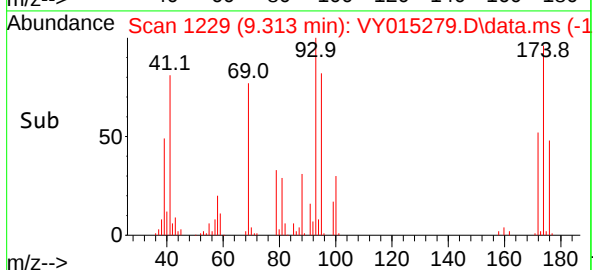
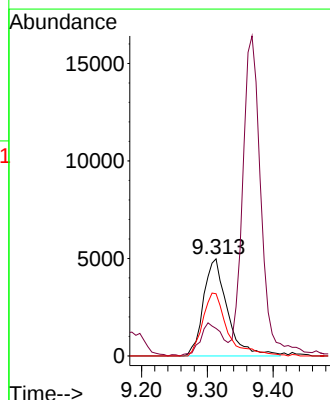
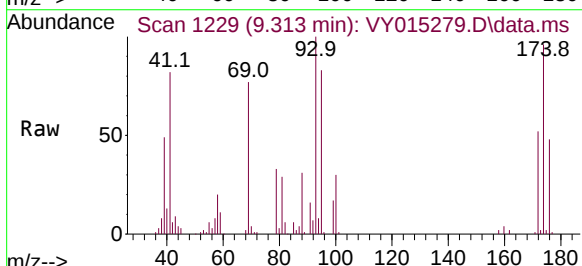
Tgt Ion: 88 Resp: 12623

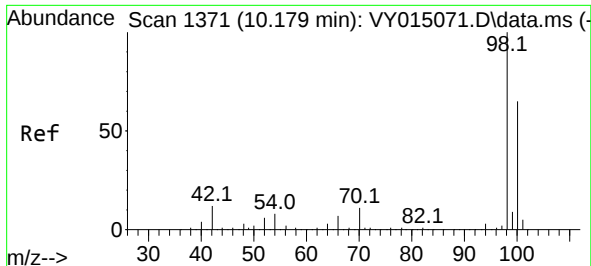
Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 66.6 30.9 46.3#

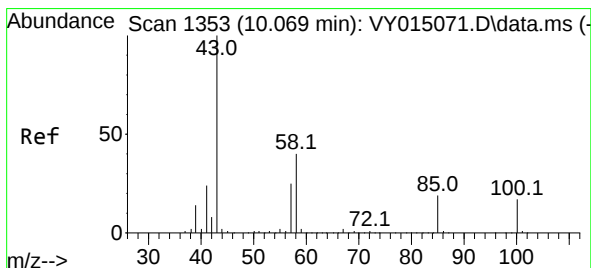
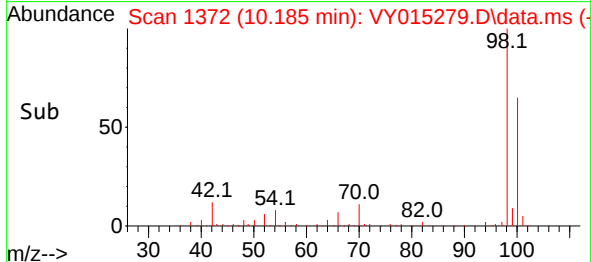
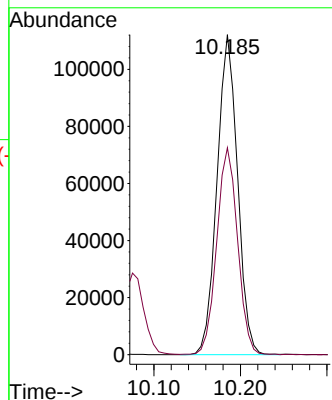
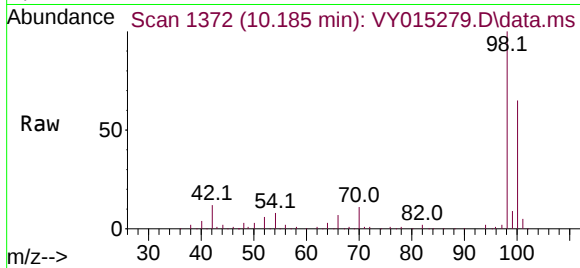




#50
Toluene-d8
Concen: 53.925 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

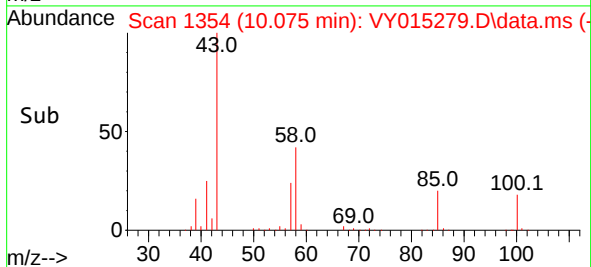
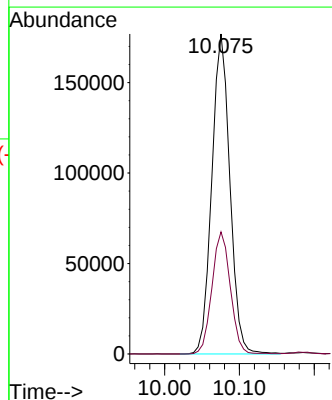
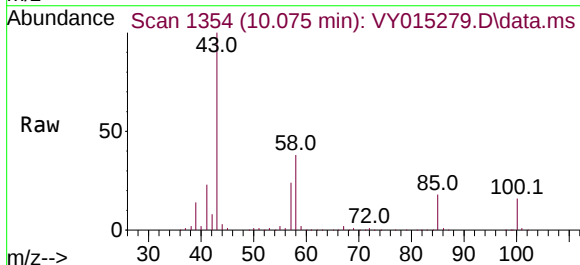
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

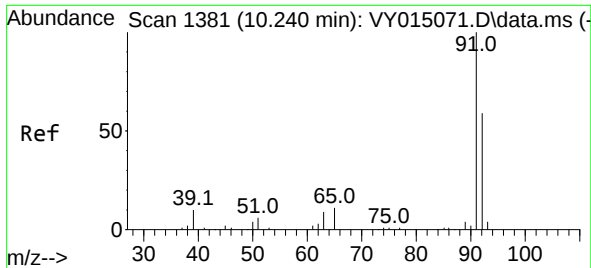
Tgt Ion: 98 Resp: 184402
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 297.522 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 43 Resp: 297458
Ion Ratio Lower Upper
43 100
58 38.8 29.0 43.6

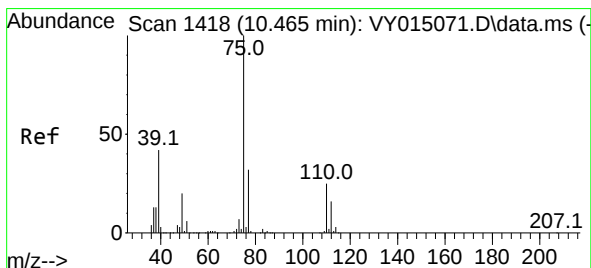
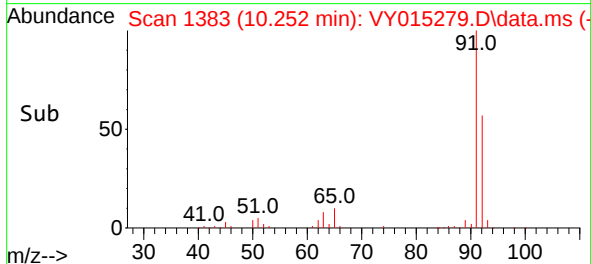
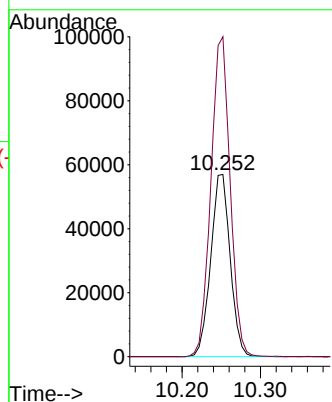
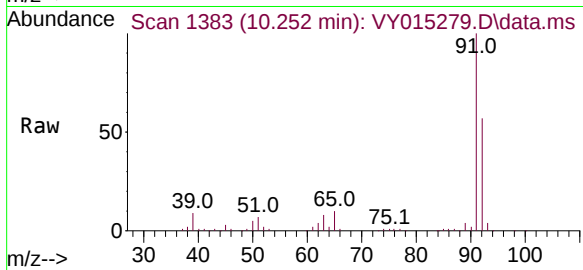




#52
Toluene
Concen: 48.459 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

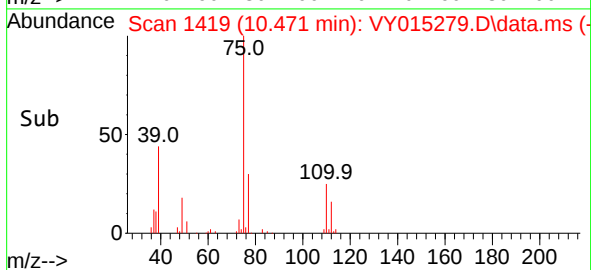
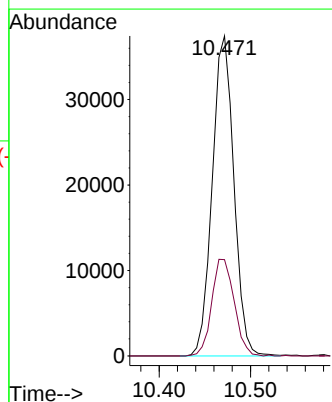
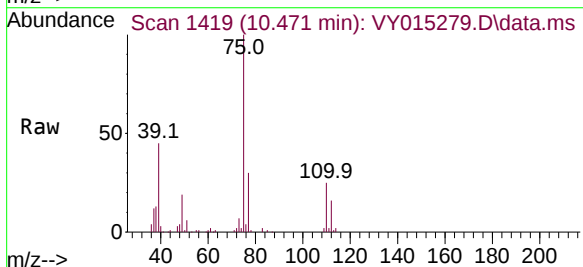
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

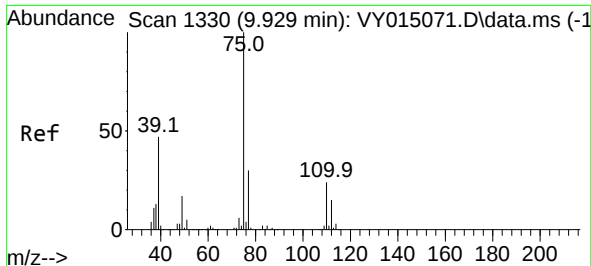
Tgt Ion: 92 Resp: 98138
Ion Ratio Lower Upper
92 100
91 174.0 143.8 215.6



#53
t-1,3-Dichloropropene
Concen: 44.885 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 75 Resp: 61510
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

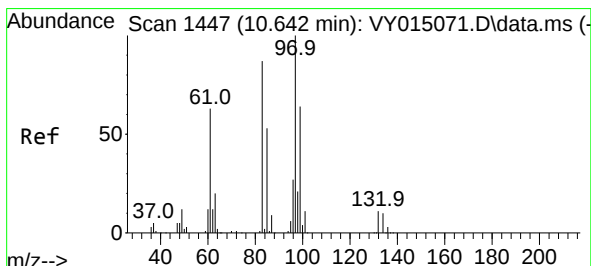
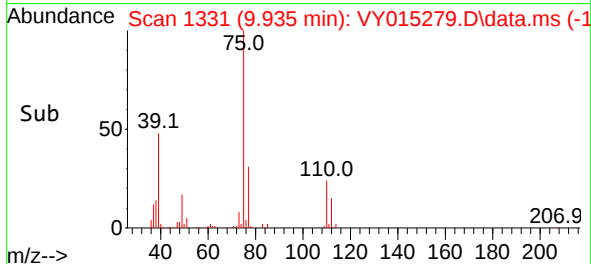
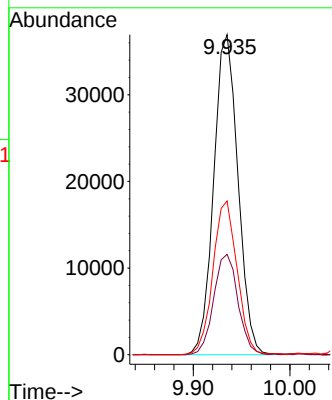
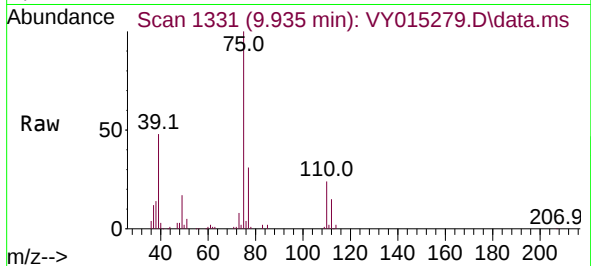




#54
cis-1,3-Dichloropropene
Concen: 44.613 ug/l
RT: 9.935 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

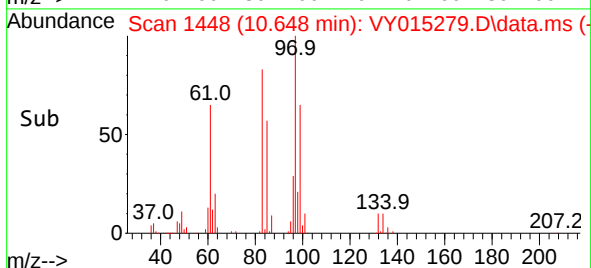
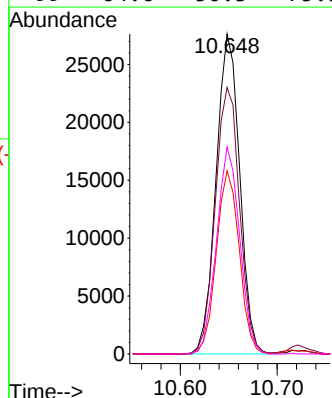
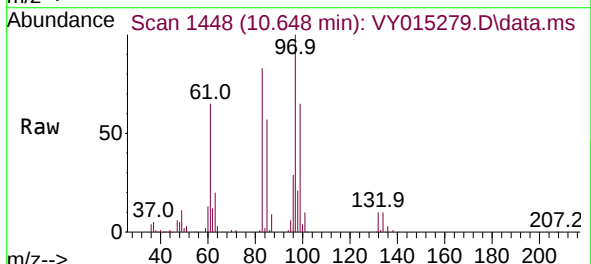
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

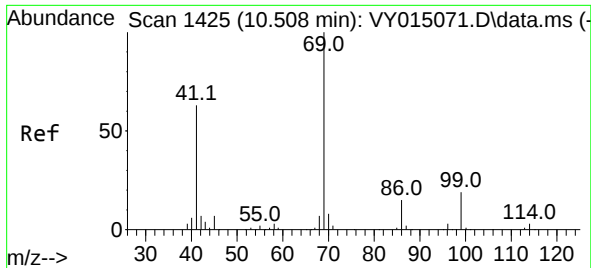
Tgt Ion: 75 Resp: 64388
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 48.1 42.2 63.4



#55
1,1,2-Trichloroethane
Concen: 56.433 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 97 Resp: 46890
Ion Ratio Lower Upper
97 100
83 83.3 72.0 108.0
85 57.2 45.4 68.0
99 64.6 50.3 75.5

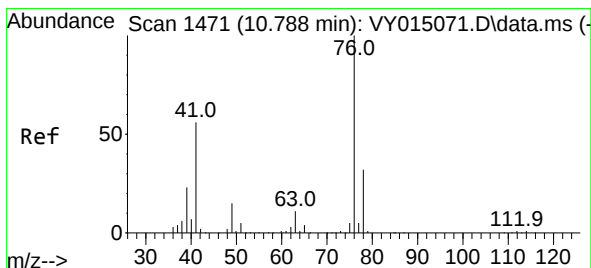
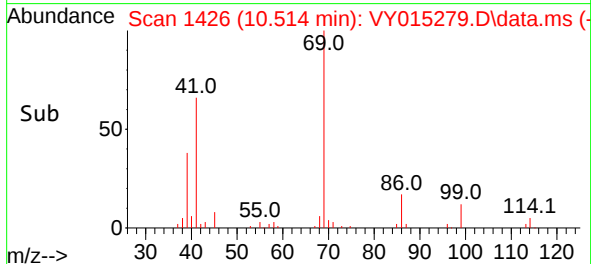
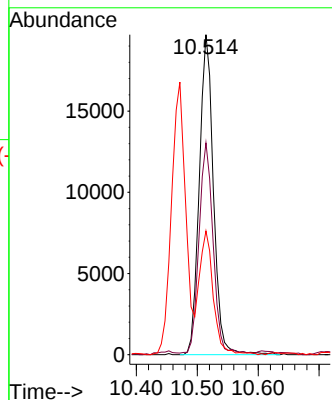
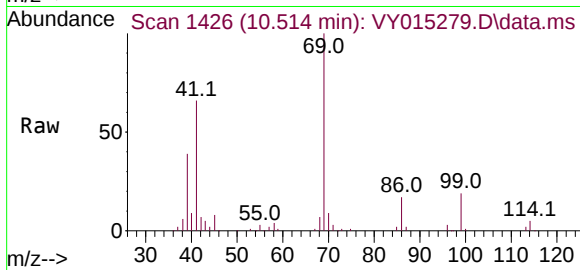




#56
Ethyl methacrylate
Concen: 26.222 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

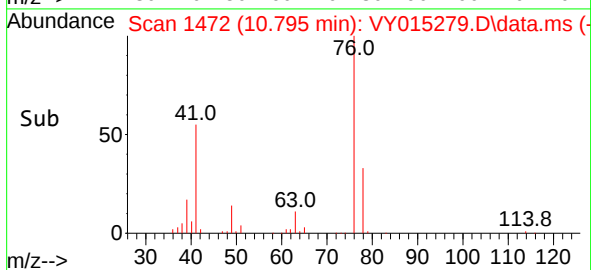
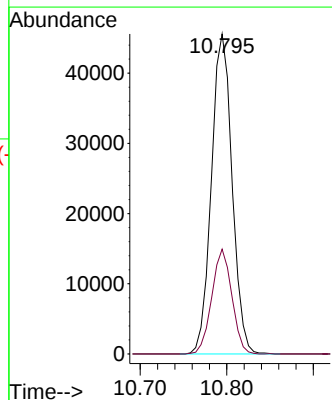
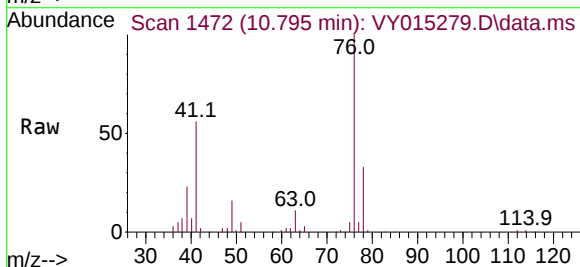
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

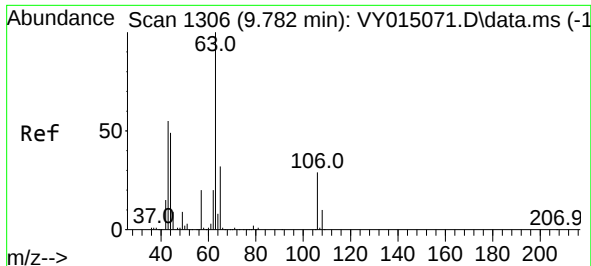
Tgt Ion: 69 Resp: 31886
Ion Ratio Lower Upper
69 100
41 64.9 57.6 86.4
39 37.3 34.1 51.1



#57
1,3-Dichloropropane
Concen: 55.673 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 76 Resp: 75576
Ion Ratio Lower Upper
76 100
78 31.7 25.3 37.9

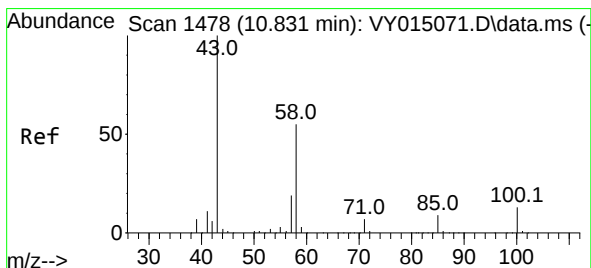
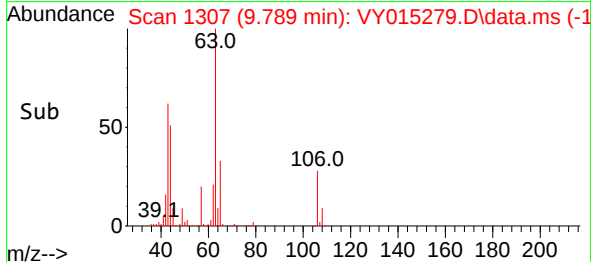
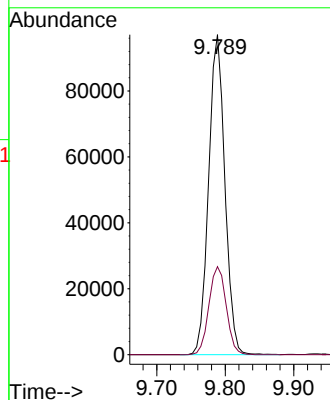
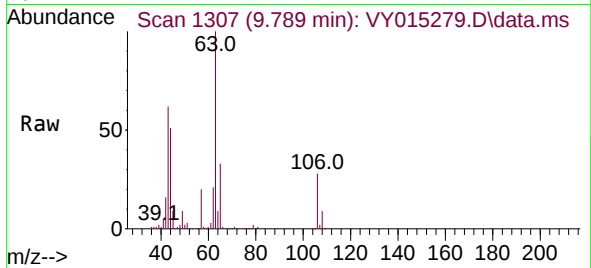




#58
2-Chloroethyl Vinyl ether
Concen: 283.514 ug/l
RT: 9.789 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

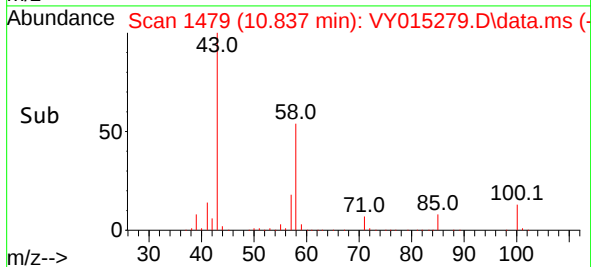
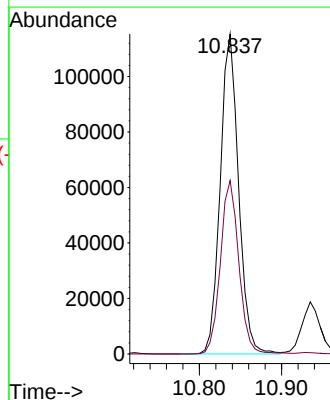
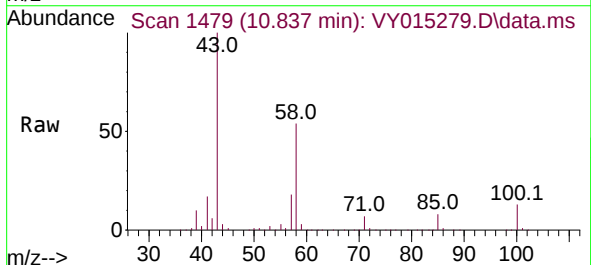
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

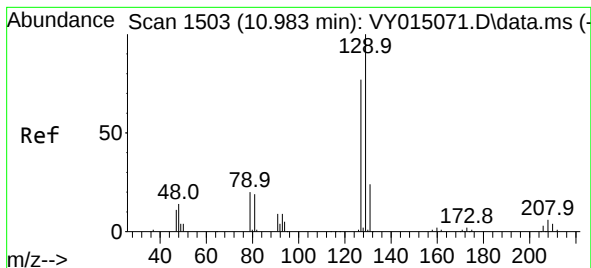
Tgt Ion: 63 Resp: 160440
Ion Ratio Lower Upper
63 100
106 29.2 21.2 31.8



#59
2-Hexanone
Concen: 241.189 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 43 Resp: 178467
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3





#60

Dibromochloromethane

Concen: 53.208 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

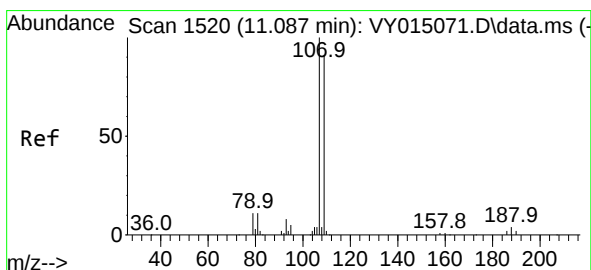
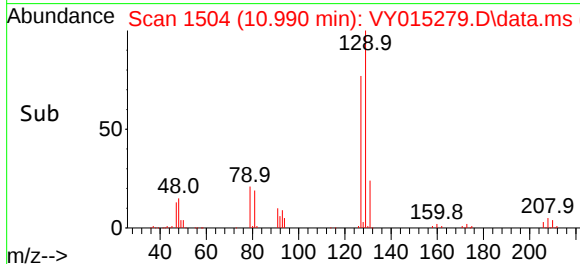
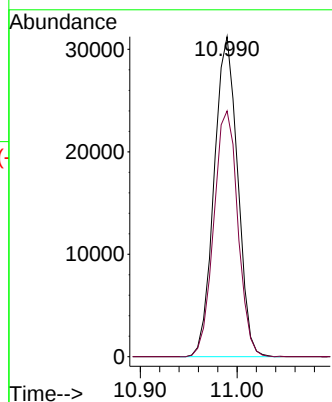
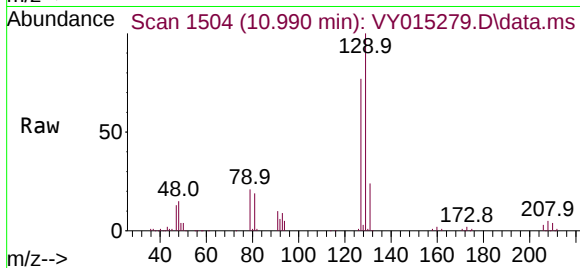
TP-04(1-2)MSD

Tgt Ion:129 Resp: 52737

Ion Ratio Lower Upper

129 100

127 78.5 38.5 115.5



#61

1,2-Dibromoethane

Concen: 54.317 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY015279.D

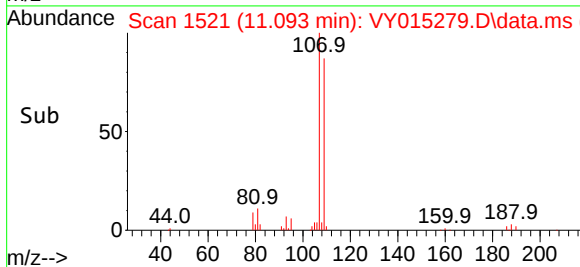
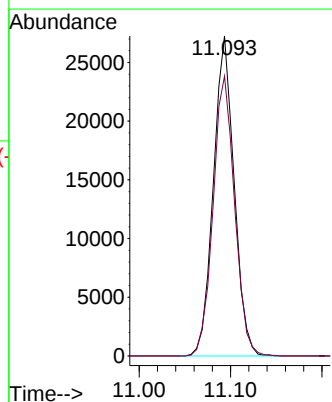
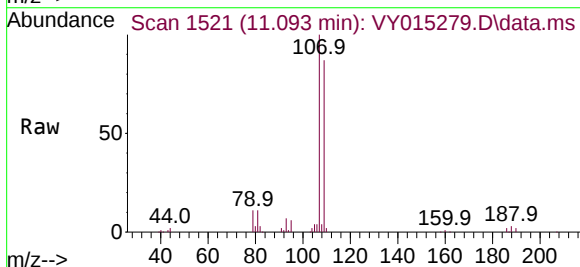
Acq: 23 Aug 2023 05:18

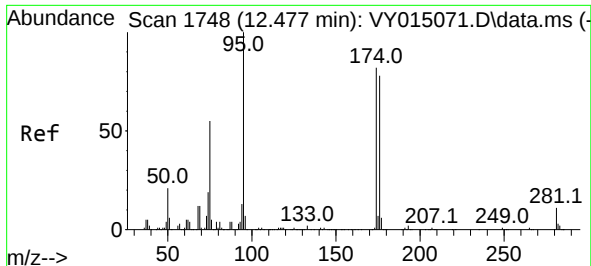
Tgt Ion:107 Resp: 42874

Ion Ratio Lower Upper

107 100

109 91.0 75.6 113.4

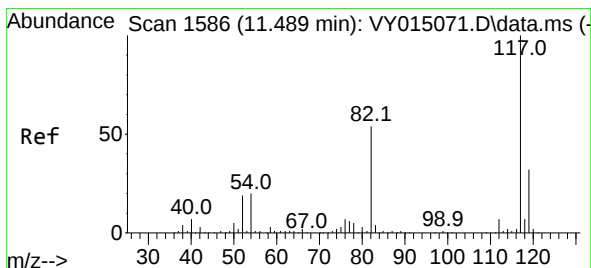
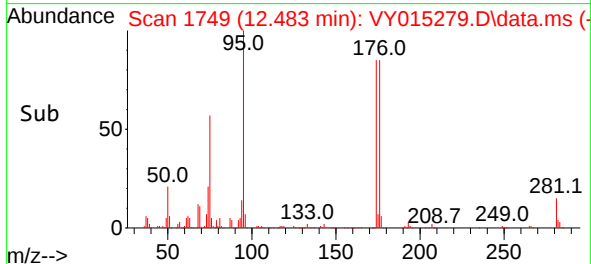
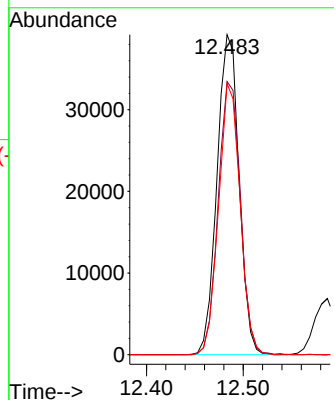
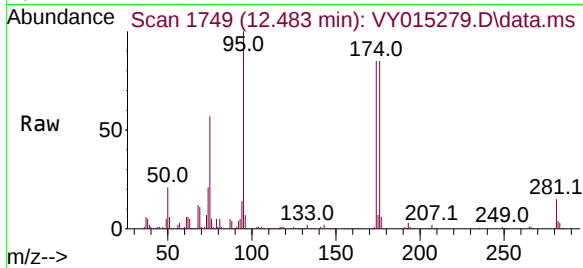




#62
4-Bromofluorobenzene
Concen: 49.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

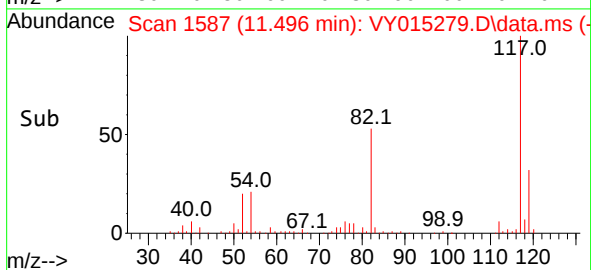
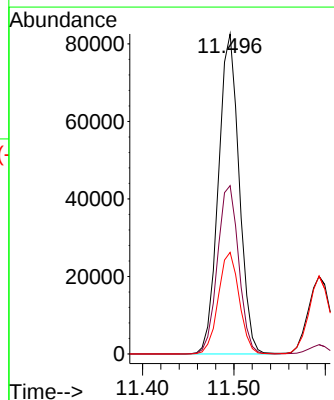
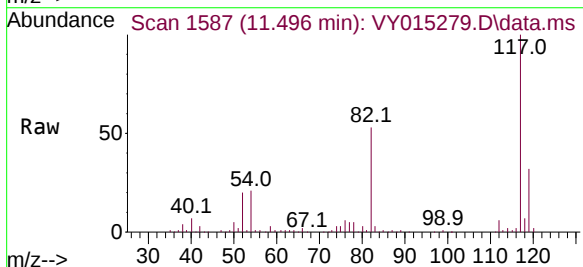
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

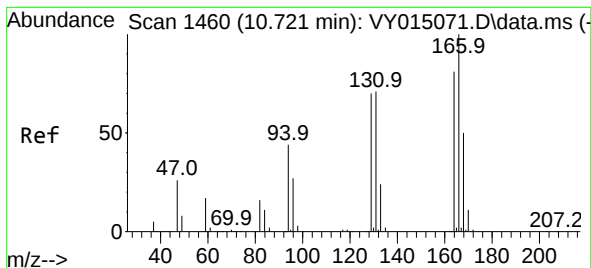
Tgt Ion: 95 Resp: 61948
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 117 Resp: 130353
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.8 26.3 39.5





#64

Tetrachloroethene

Concen: 51.617 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

Tgt Ion:164 Resp: 46877

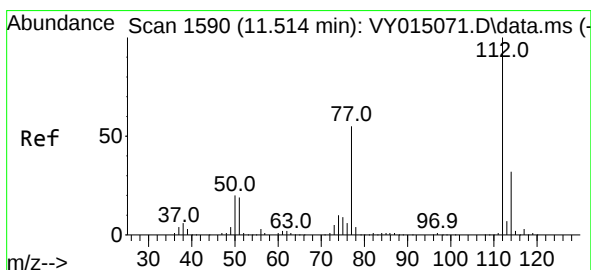
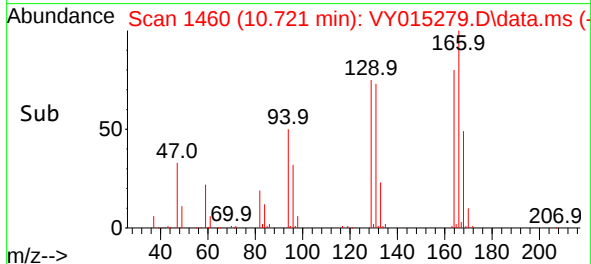
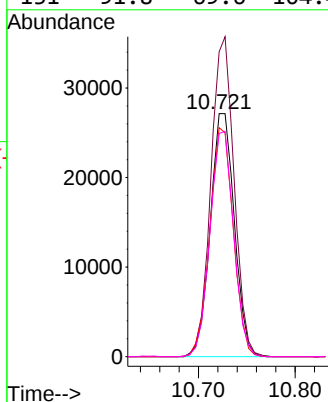
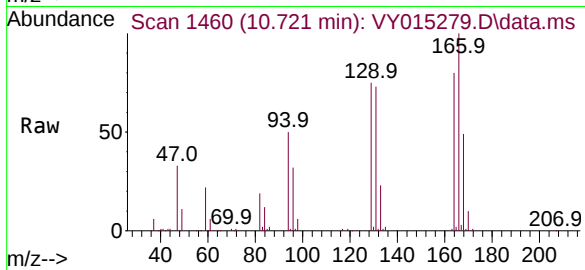
Ion Ratio Lower Upper

164 100

166 125.5 103.0 154.6

129 94.2 77.2 115.8

131 91.8 69.6 104.4



#65

Chlorobenzene

Concen: 47.803 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY015279.D

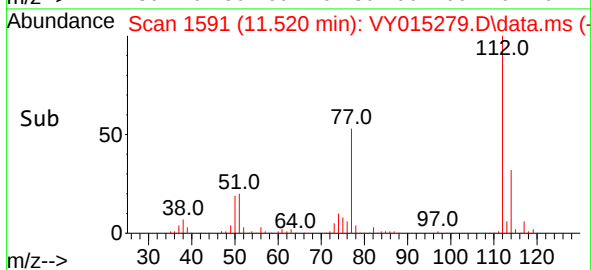
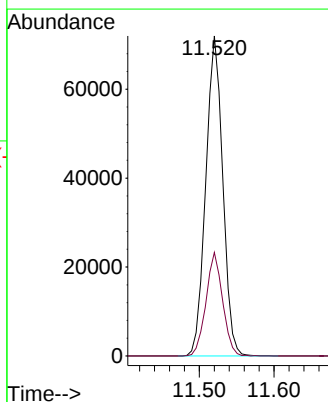
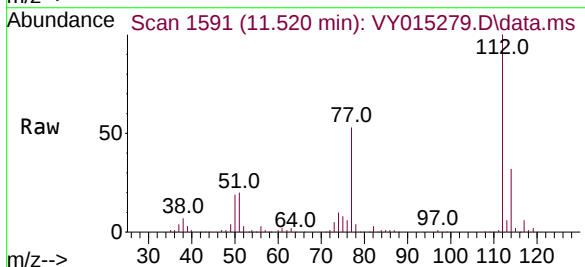
Acq: 23 Aug 2023 05:18

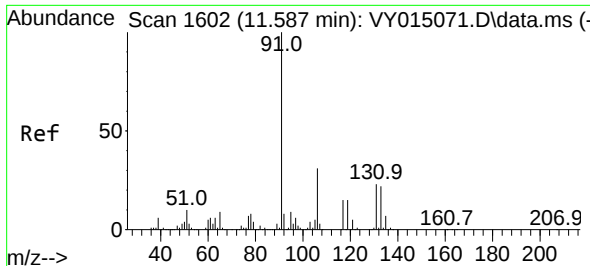
Tgt Ion:112 Resp: 113535

Ion Ratio Lower Upper

112 100

114 32.4 25.5 38.3

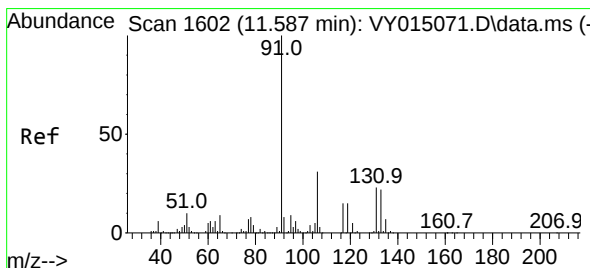
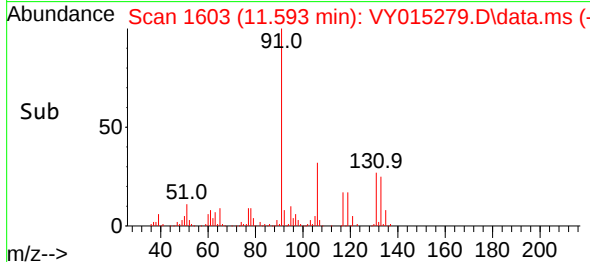
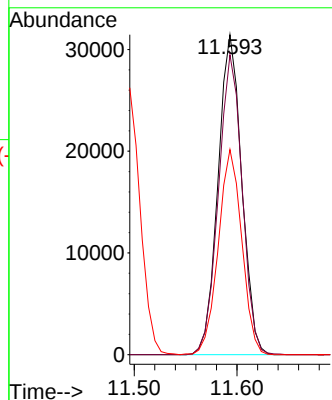
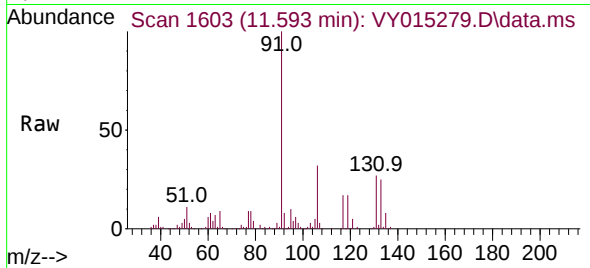




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.188 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

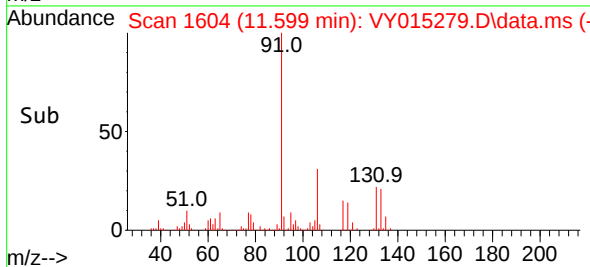
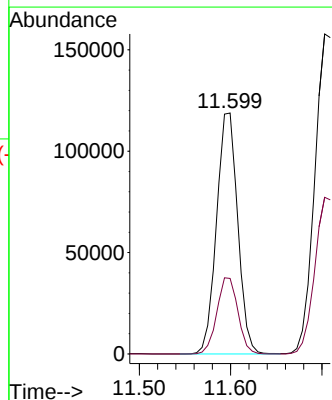
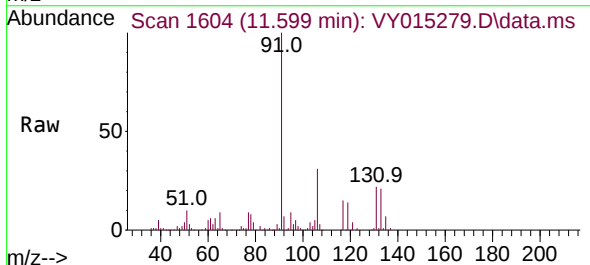
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD

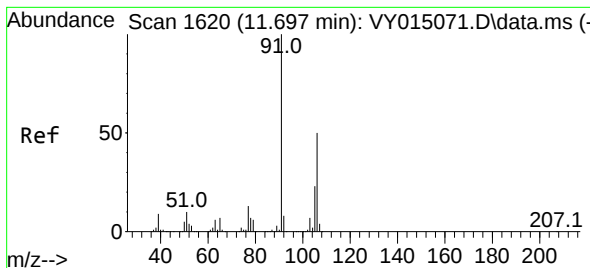
Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.5	142.6
119	63.6	31.6	94.7



#67
 Ethyl Benzene
 Concen: 46.034 ug/l
 RT: 11.599 min Scan# 1604
 Delta R.T. 0.012 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	36.8





#68

m/p-Xylenes

Concen: 91.511 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

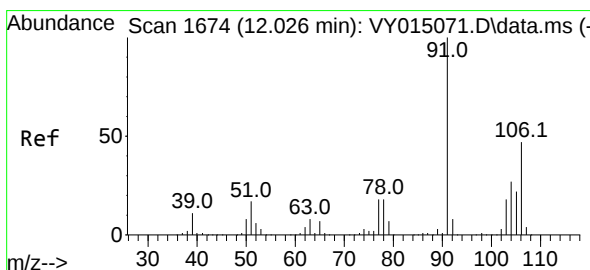
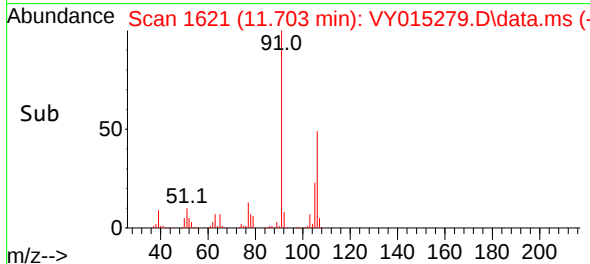
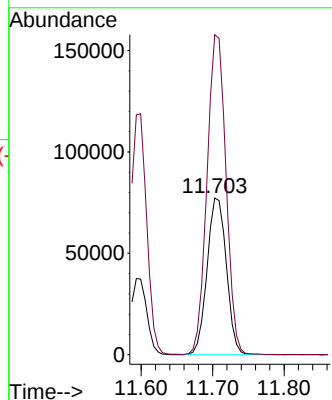
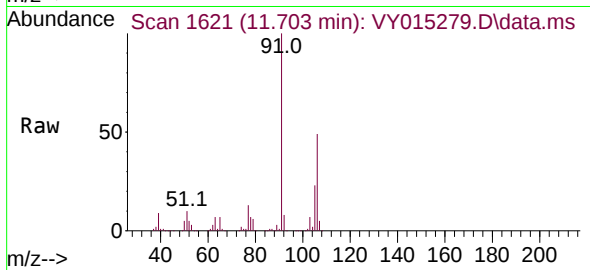
TP-04(1-2)MSD

Tgt Ion:106 Resp: 144631

Ion Ratio Lower Upper

106 100

91 201.6 166.1 249.1



#69

o-Xylene

Concen: 47.585 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015279.D

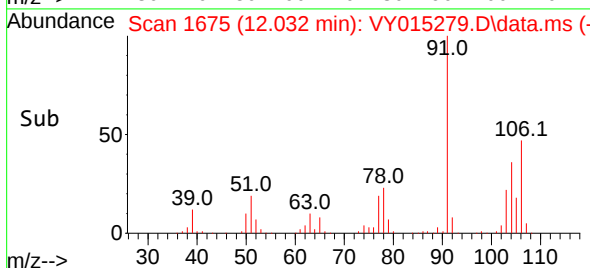
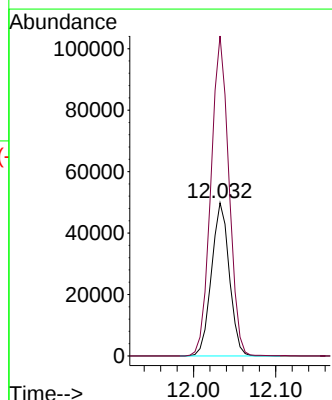
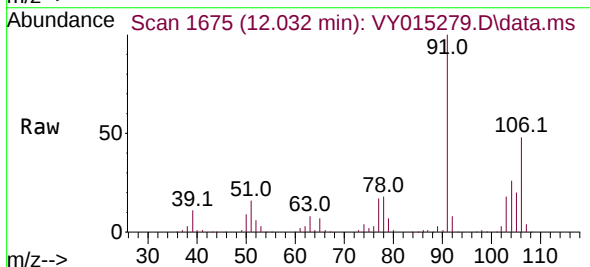
Acq: 23 Aug 2023 05:18

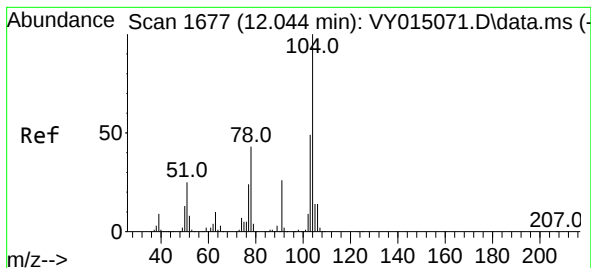
Tgt Ion:106 Resp: 74920

Ion Ratio Lower Upper

106 100

91 211.6 108.1 324.3





#70

Styrene

Concen: 46.215 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

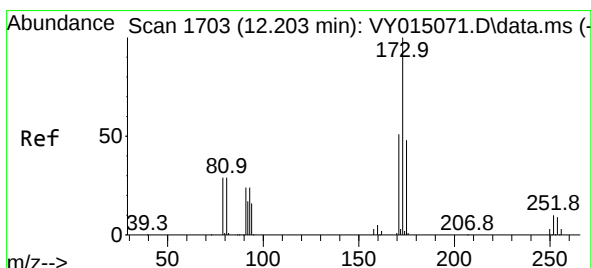
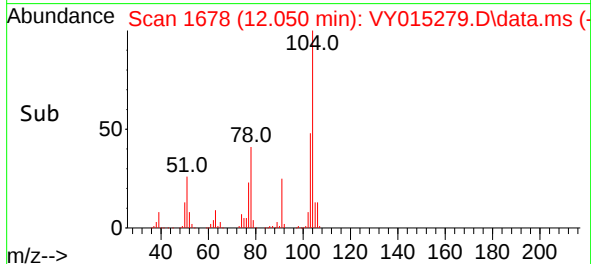
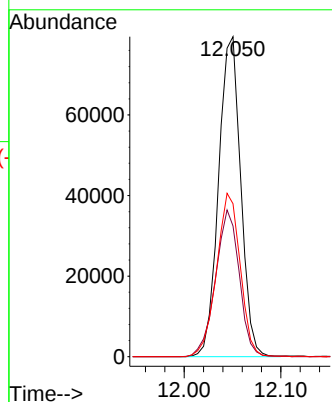
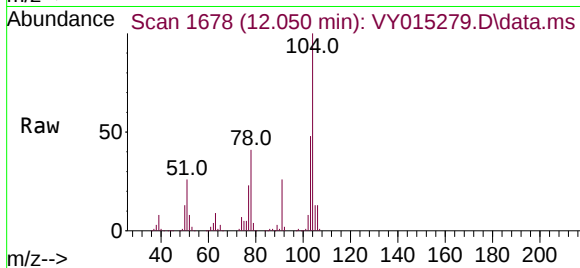
Tgt Ion:104 Resp: 125935

Ion Ratio Lower Upper

104 100

78 49.2 41.5 62.3

103 54.8 44.6 67.0



#71

Bromoform

Concen: 50.748 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

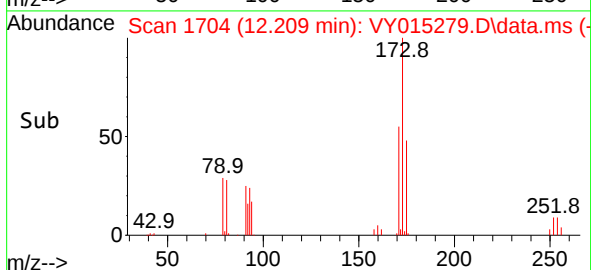
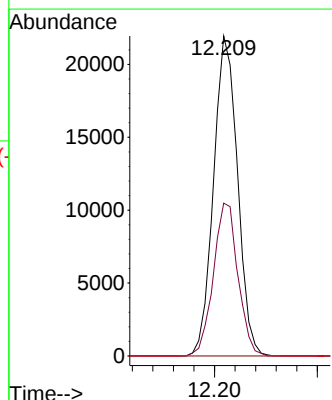
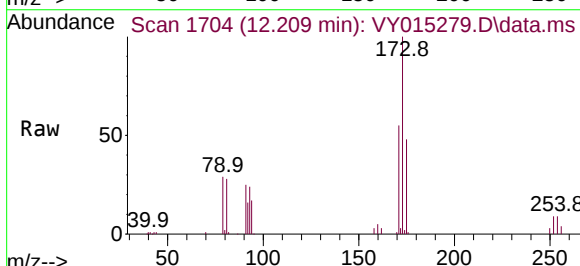
Tgt Ion:173 Resp: 35452

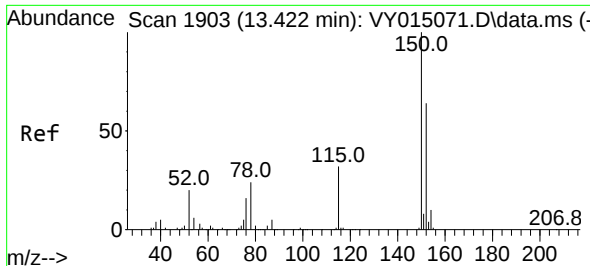
Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

254 0.0 0.2 0.2#

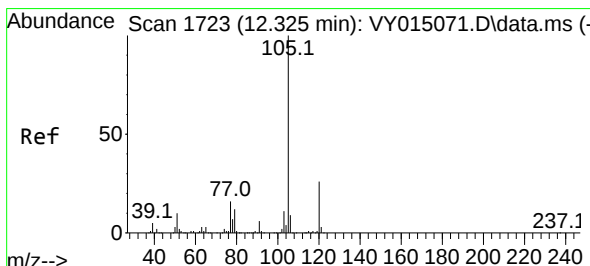
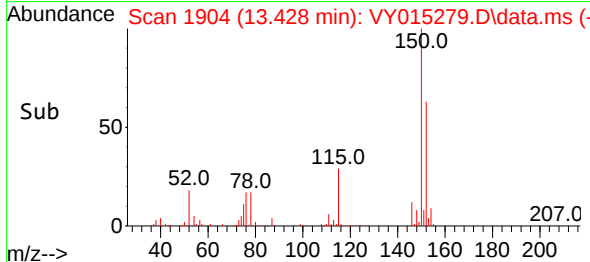
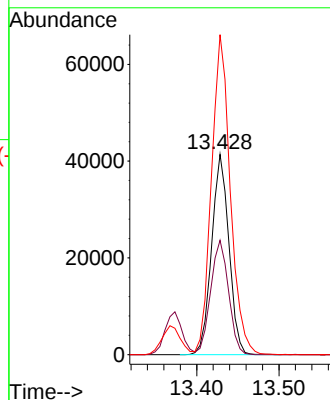
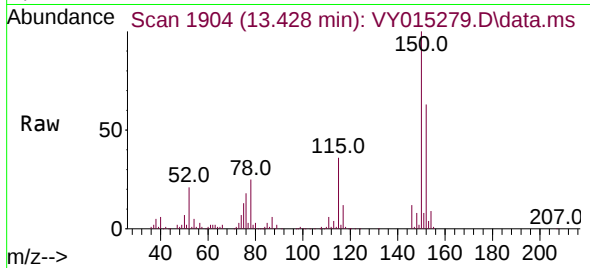




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

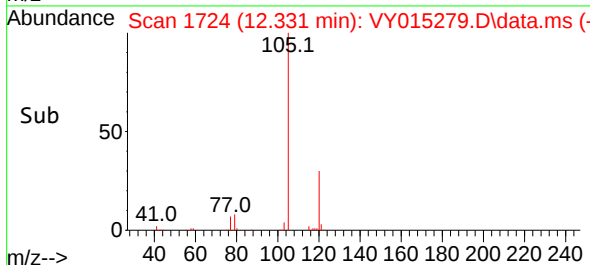
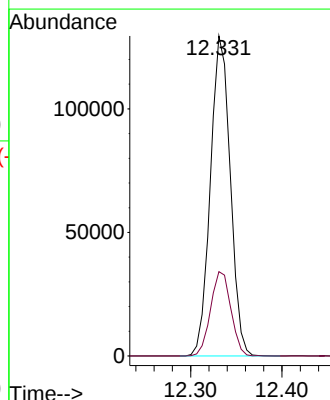
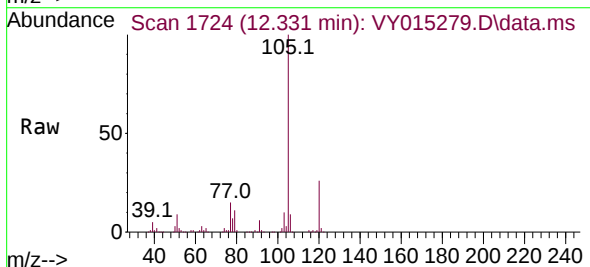
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

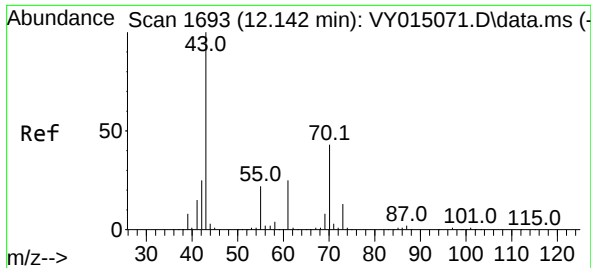
Tgt Ion:152 Resp: 60484
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 174.1 0.0 348.8



#73
Isopropylbenzene
Concen: 50.268 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion:105 Resp: 195509
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

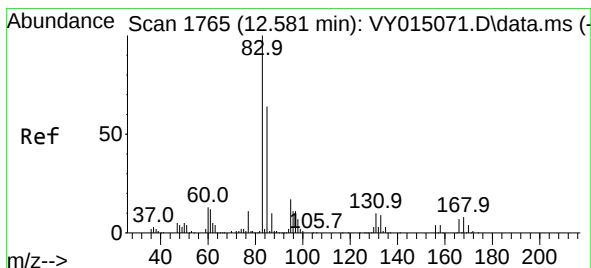
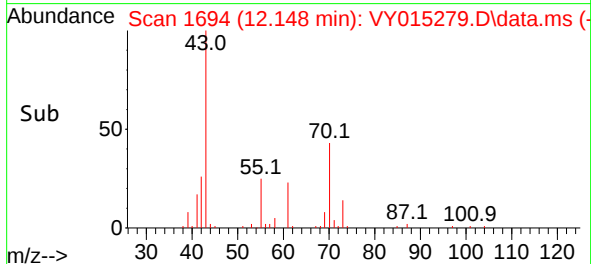
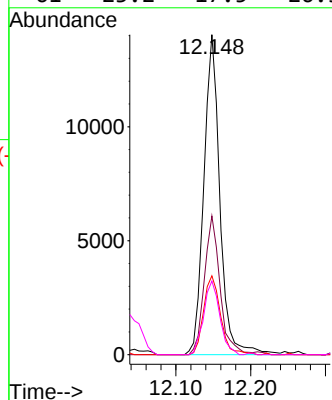
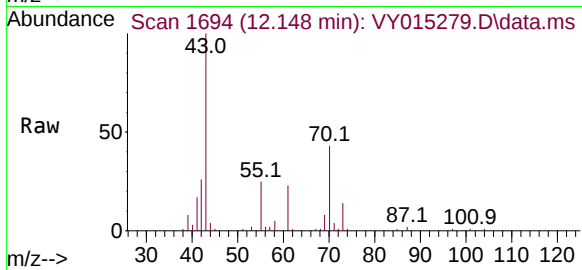




#74
N-amy1 acetate
Concen: 14.933 ug/l
RT: 12.148 min Scan# 1693
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

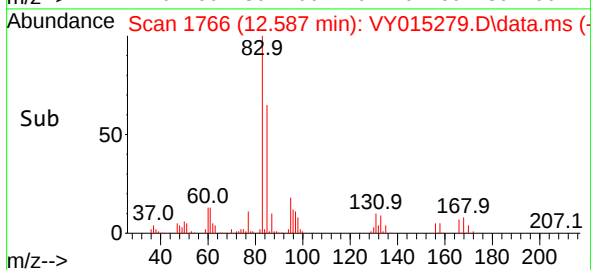
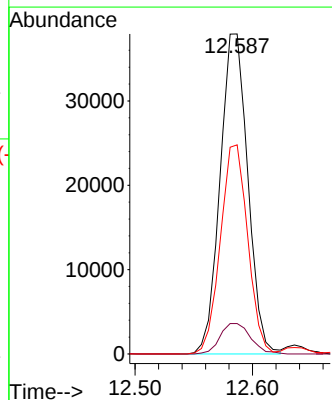
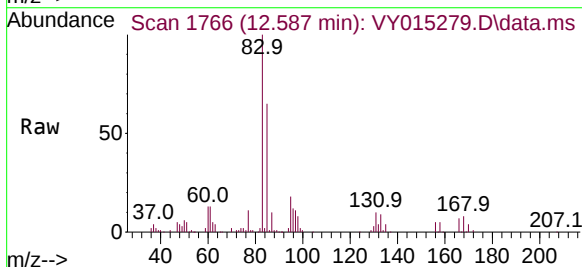
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

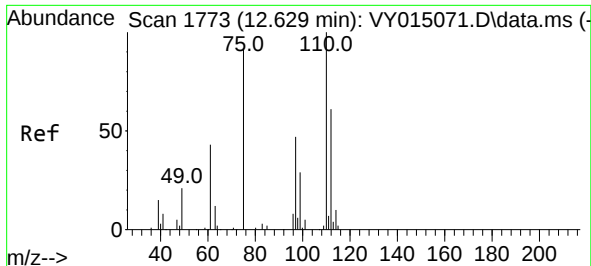
Tgt Ion: 43	Resp:	20970
Ion	Ratio	Lower Upper
43	100	
70	42.3	29.7 44.5
55	25.9	18.3 27.5
61	23.2	17.5 26.3



#75
1,1,2,2-Tetrachloroethane
Concen: 61.460 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion: 83	Resp:	62256
Ion	Ratio	Lower Upper
83	100	
131	10.5	5.4 16.2
85	64.4	31.8 95.4

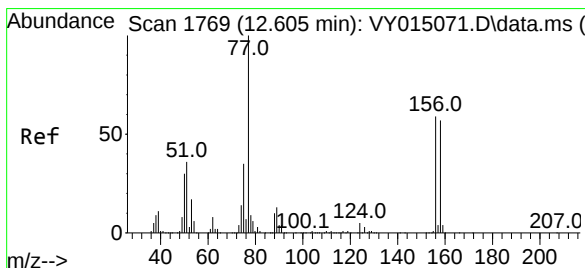
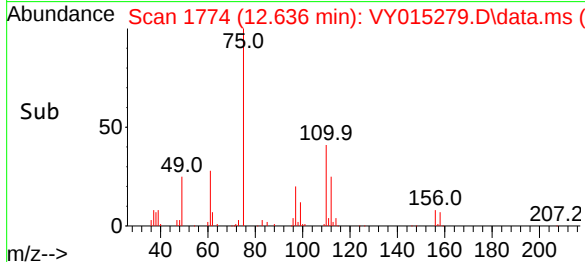
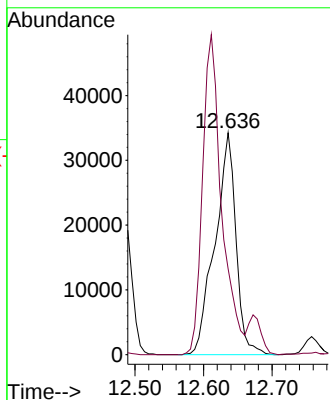
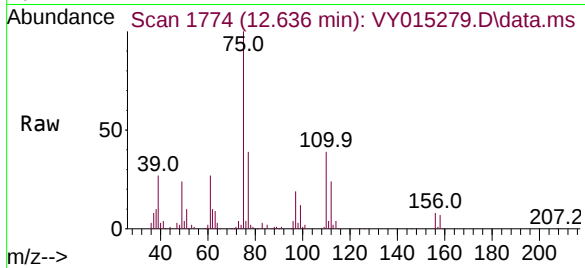




#76
1,2,3-Trichloropropane
Concen: 99.131 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

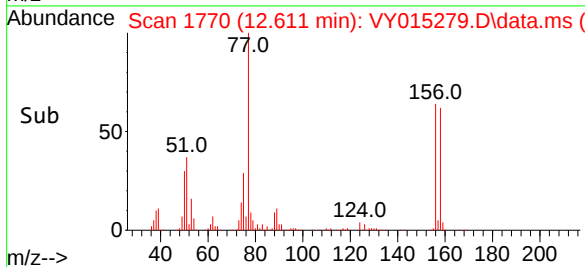
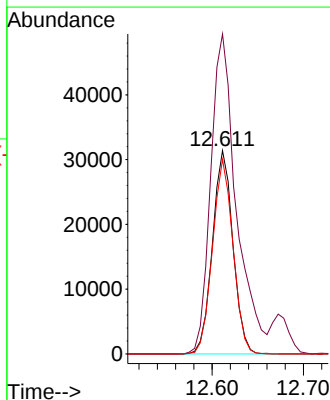
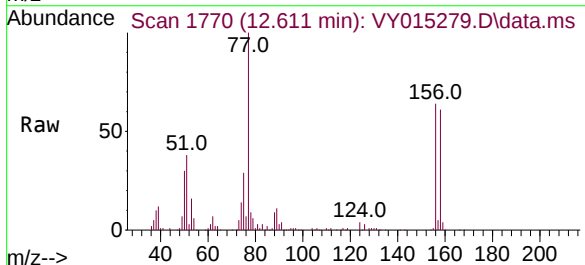
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

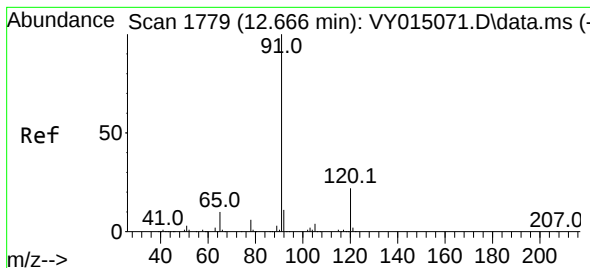
Tgt Ion: 75 Resp: 72845
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 51.547 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion:156 Resp: 48868
Ion Ratio Lower Upper
156 100
77 196.8 92.8 278.6
158 95.7 48.4 145.3





#78

n-propylbenzene

Concen: 48.272 ug/l

RT: 12.672 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

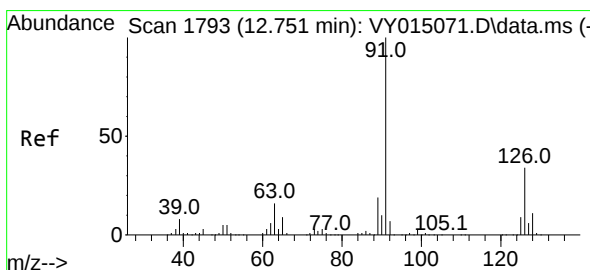
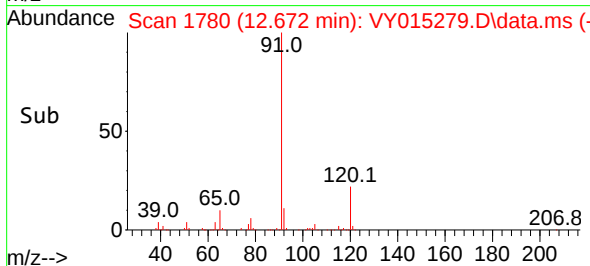
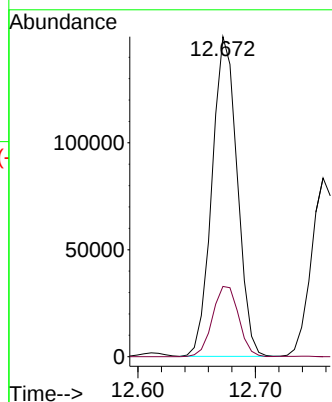
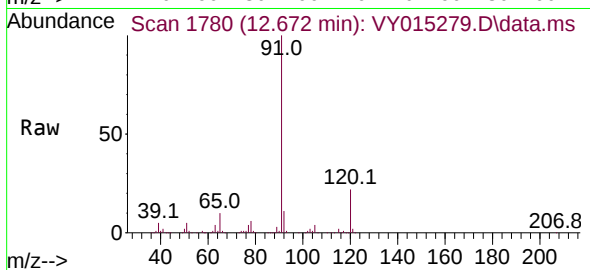
TP-04(1-2)MSD

Tgt Ion: 91 Resp: 222945

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 49.629 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015279.D

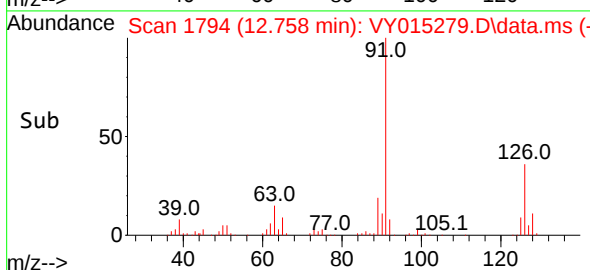
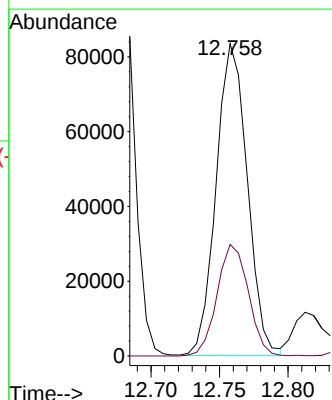
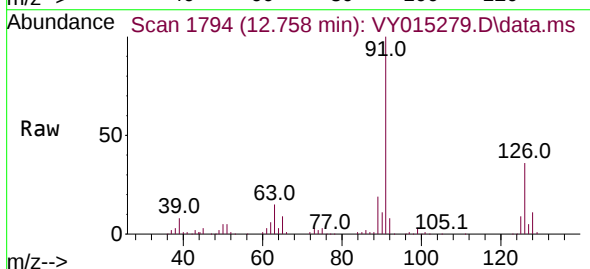
Acq: 23 Aug 2023 05:18

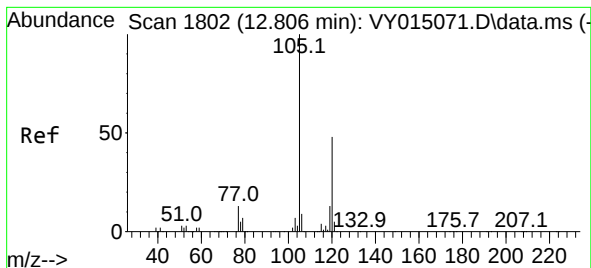
Tgt Ion: 91 Resp: 132228

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 49.373 ug/l

RT: 12.813 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

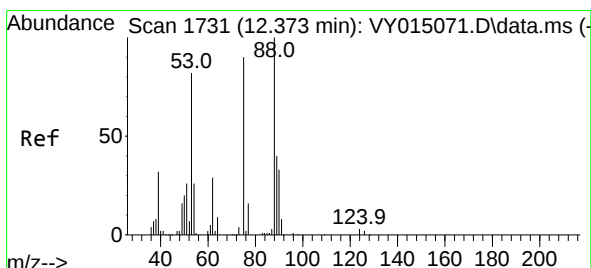
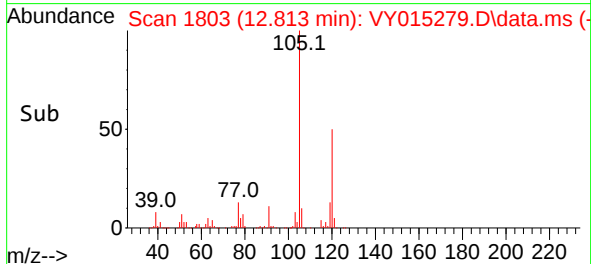
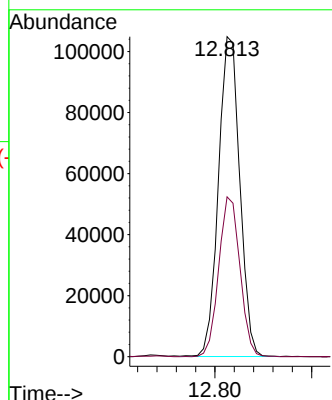
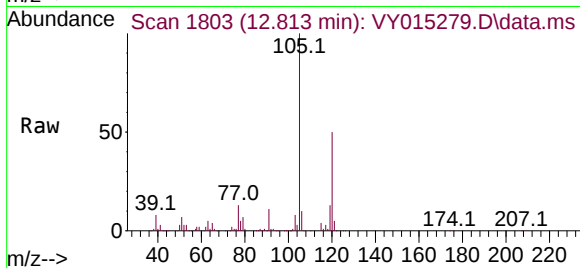
TP-04(1-2)MSD

Tgt Ion:105 Resp: 160070

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 41.252 ug/l

RT: 12.380 min Scan# 1732

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

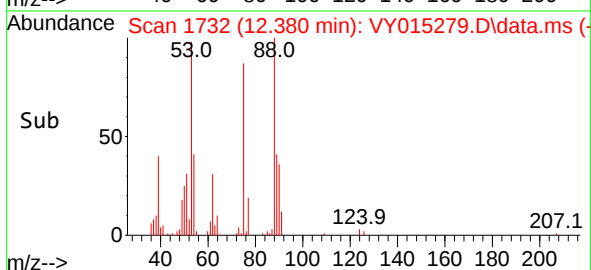
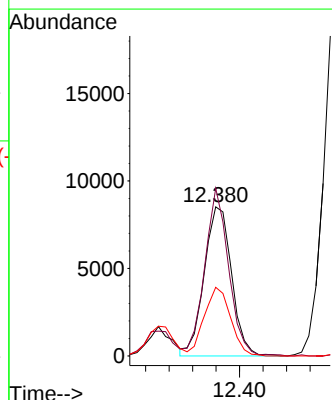
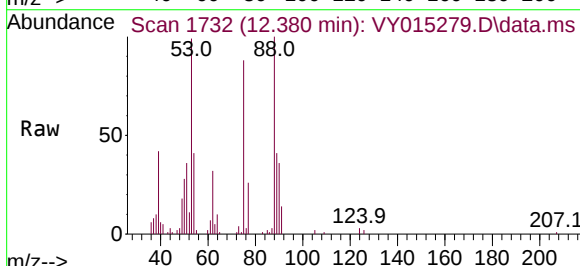
Tgt Ion: 75 Resp: 13801

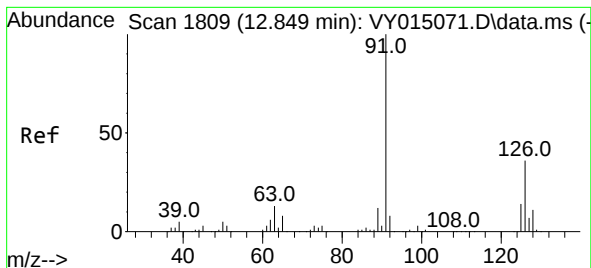
Ion Ratio Lower Upper

75 100

53 98.7 77.8 116.8

89 44.3 37.4 56.0





#82

4-Chlorotoluene

Concen: 47.721 ug/l

RT: 12.855 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

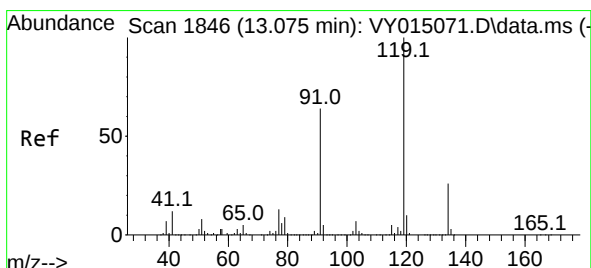
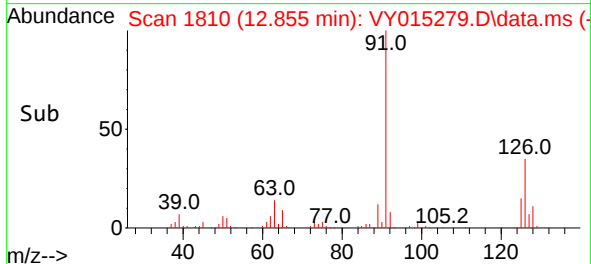
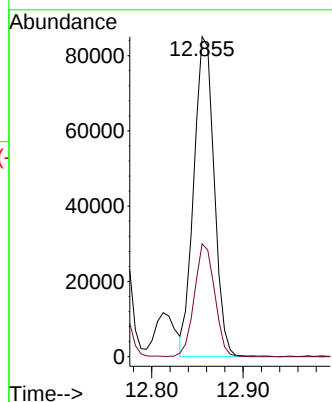
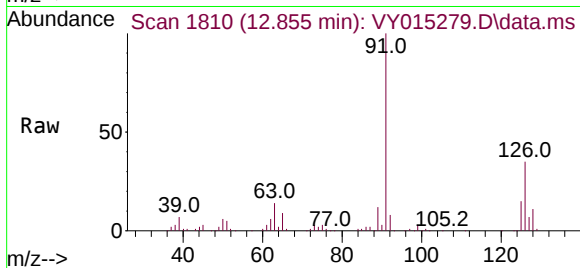
TP-04(1-2)MSD

Tgt Ion: 91 Resp: 131355

Ion Ratio Lower Upper

91 100

126 35.2 17.2 51.6



#83

tert-Butylbenzene

Concen: 50.093 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

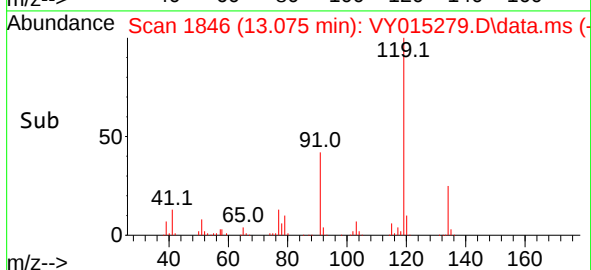
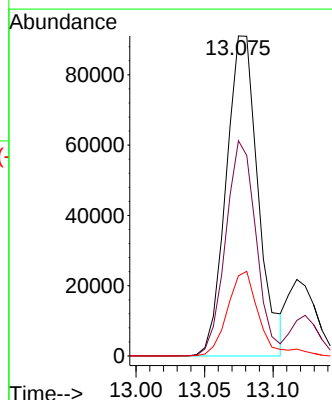
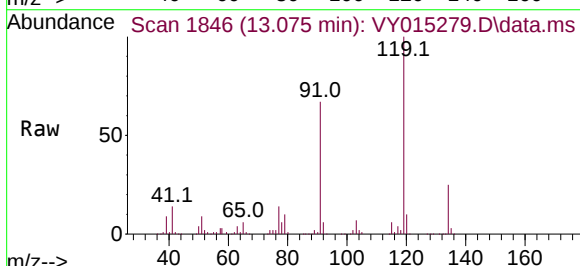
Tgt Ion: 119 Resp: 148545

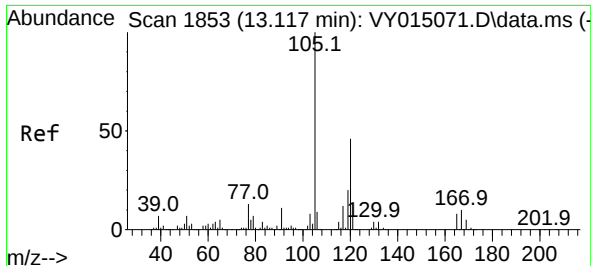
Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 26.2 13.0 38.9

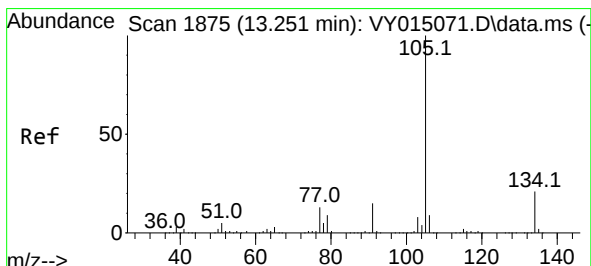
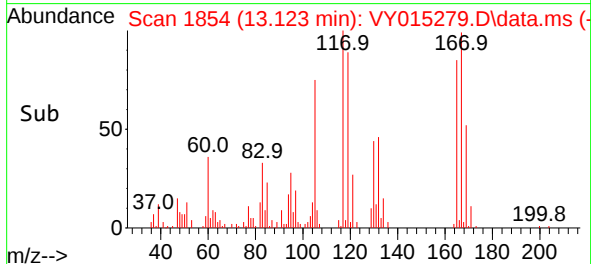
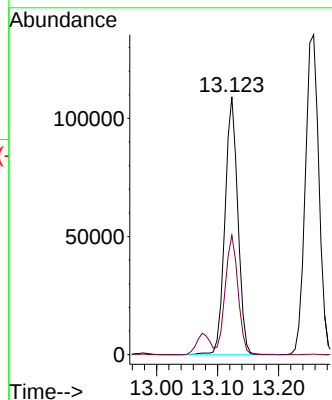
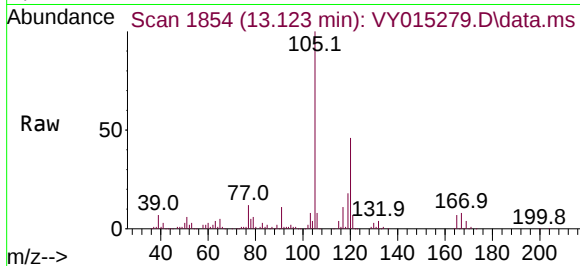




#84
1,2,4-Trimethylbenzene
Concen: 49.603 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

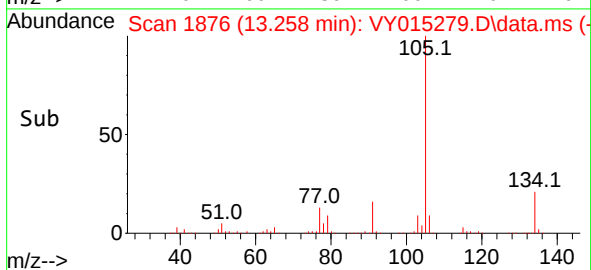
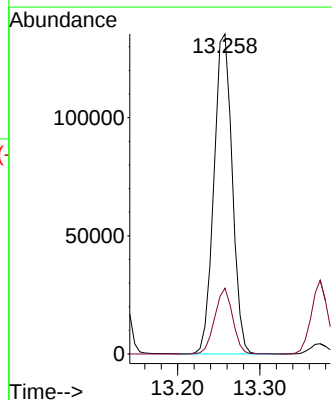
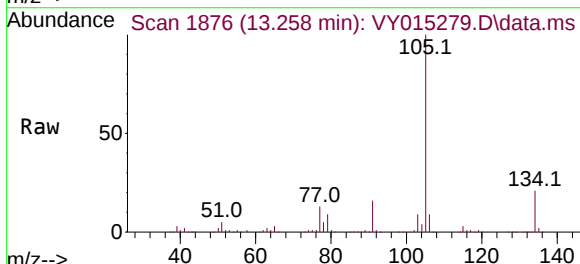
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(1-2)MSD

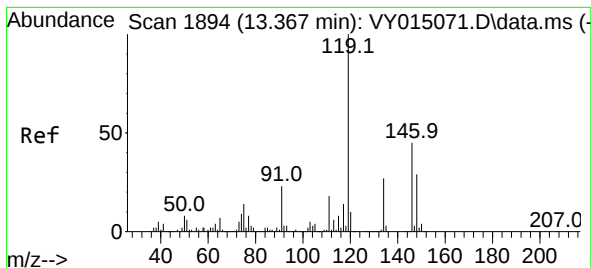
Tgt Ion:105 Resp: 160695
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6



#85
sec-Butylbenzene
Concen: 48.260 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY015279.D
Acq: 23 Aug 2023 05:18

Tgt Ion:105 Resp: 209684
Ion Ratio Lower Upper
105 100
134 20.1 10.2 30.6





#86

p-Isopropyltoluene

Concen: 45.627 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

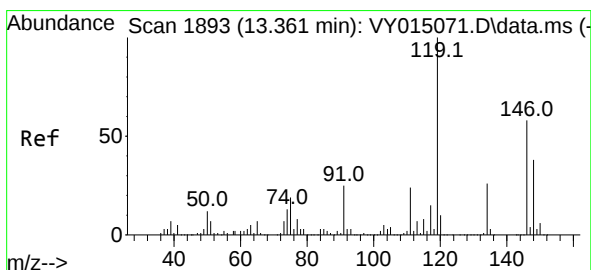
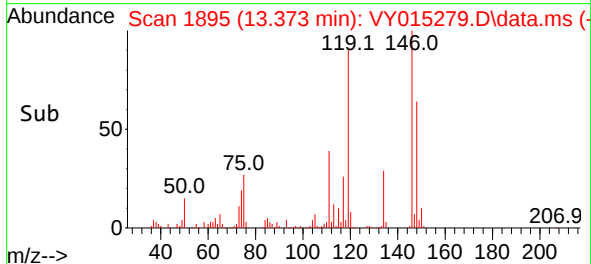
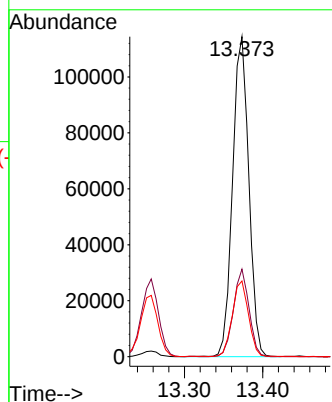
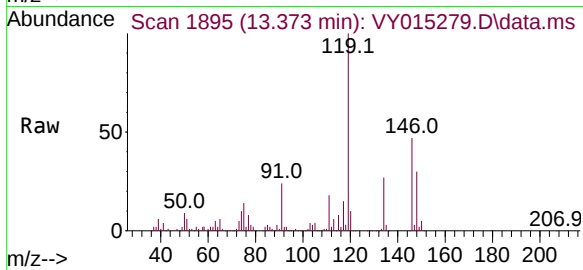
Tgt Ion:119 Resp: 164364

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.5 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 47.667 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

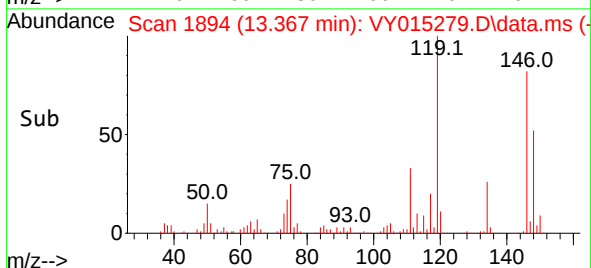
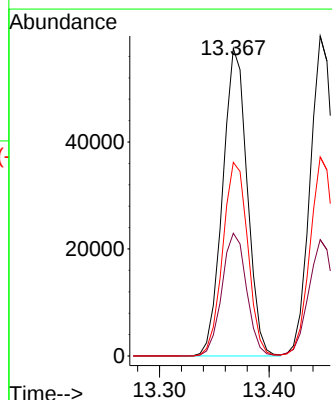
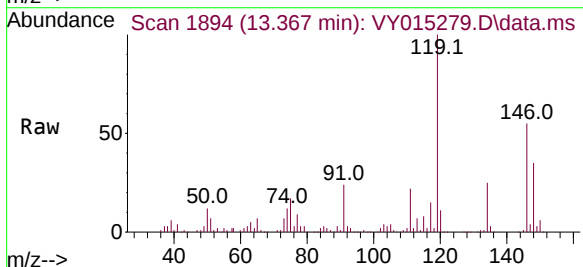
Tgt Ion:146 Resp: 89631

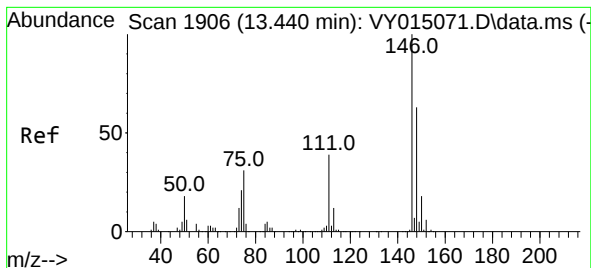
Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.1 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 48.589 ug/l

RT: 13.447 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

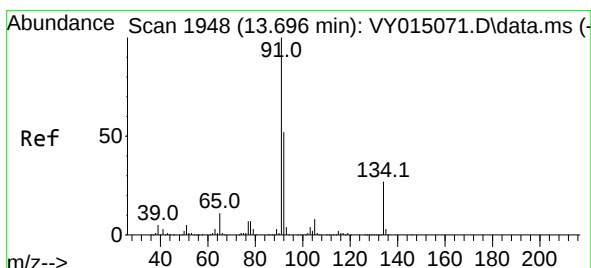
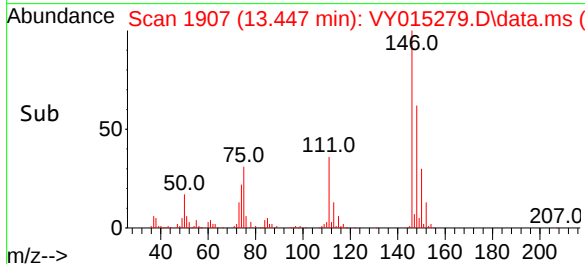
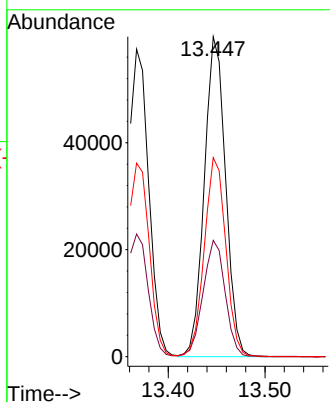
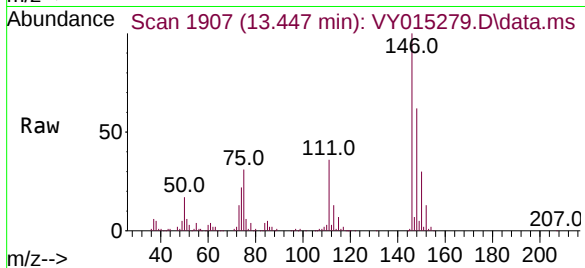
Tgt Ion:146 Resp: 91639

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

148 62.9 32.1 96.5



#89

n-Butylbenzene

Concen: 43.381 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

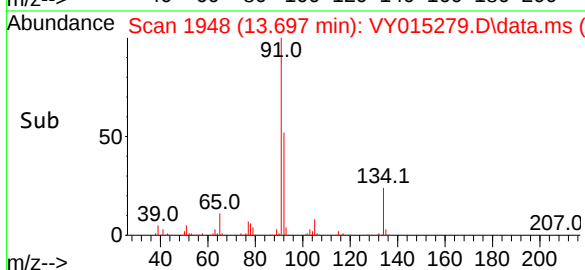
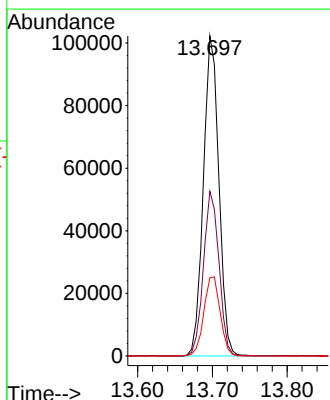
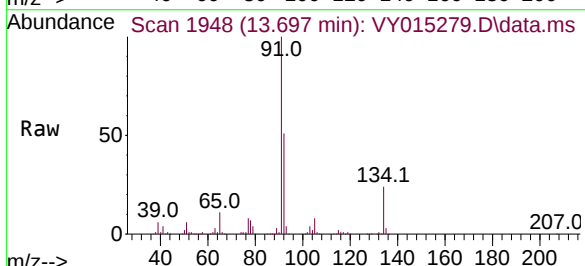
Tgt Ion: 91 Resp: 147344

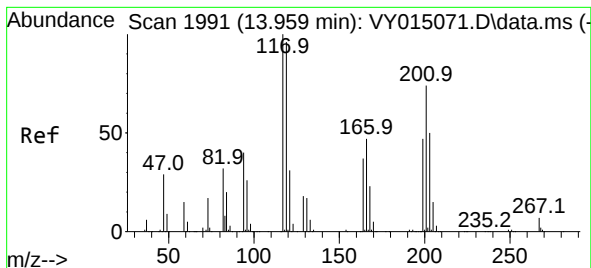
Ion Ratio Lower Upper

91 100

92 51.6 25.4 76.0

134 26.0 12.6 37.6





#90

Hexachloroethane

Concen: 46.117 ug/l

RT: 13.965 min Scan# 1991

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

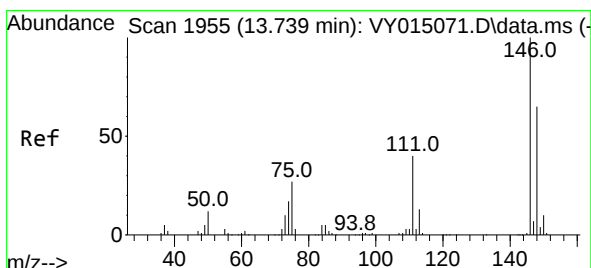
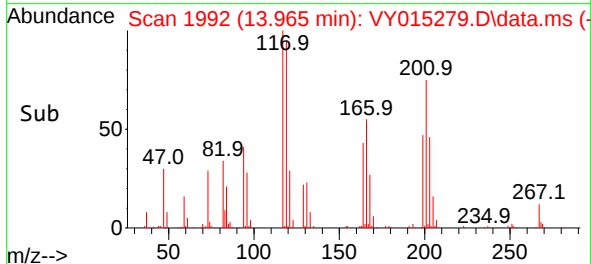
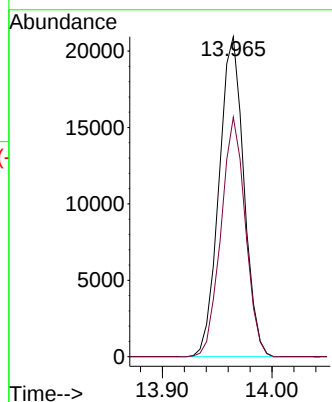
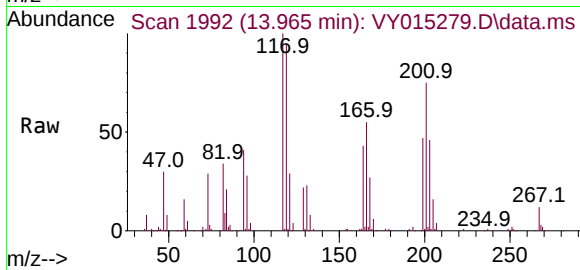
TP-04(1-2)MSD

Tgt Ion:117 Resp: 32957

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8



#91

1,2-Dichlorobenzene

Concen: 51.262 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

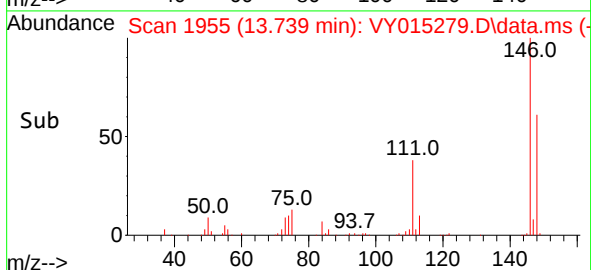
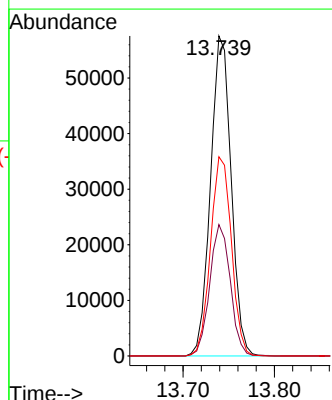
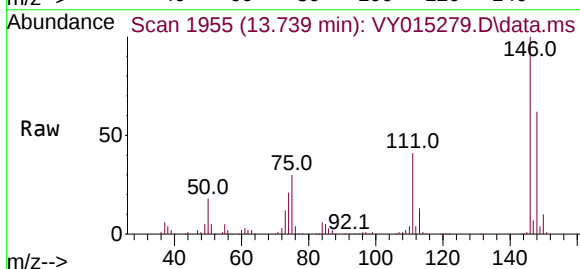
Tgt Ion:146 Resp: 90048

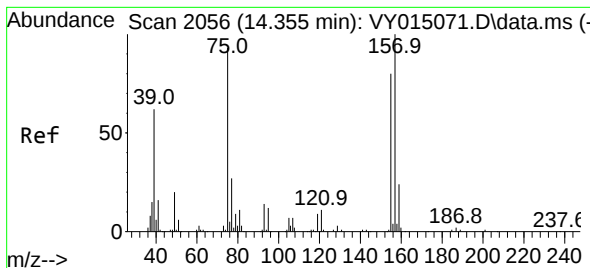
Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 63.2 32.0 96.2

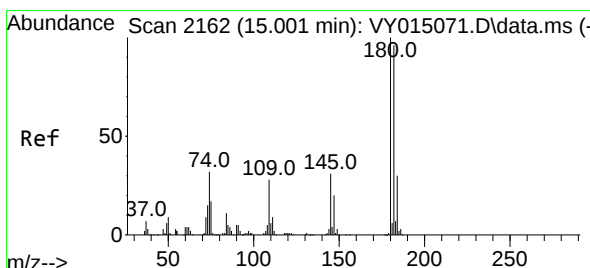
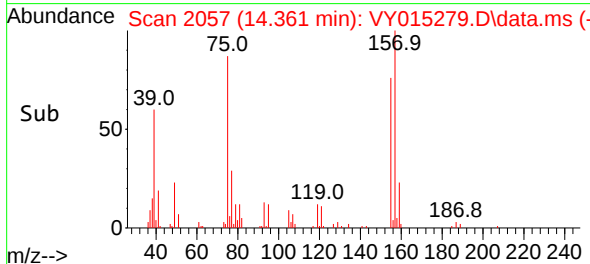
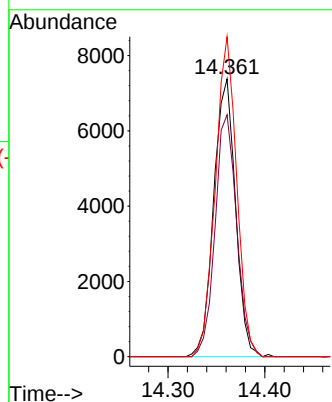
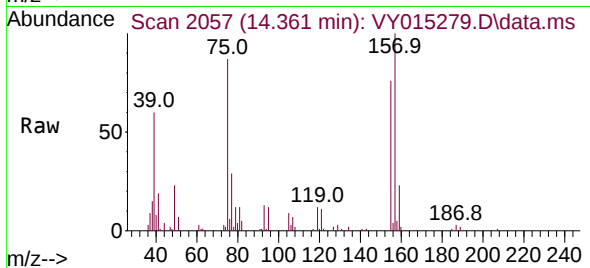




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.759 ug/l
 RT: 14.361 min Scan# 2056
 Delta R.T. 0.006 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

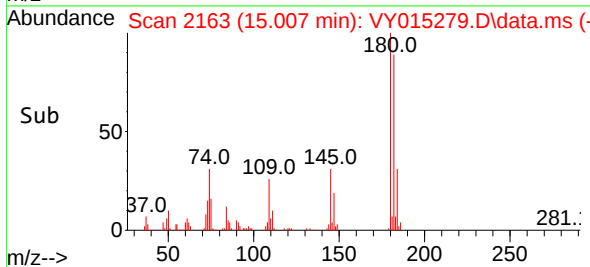
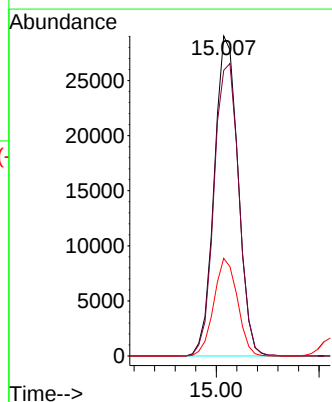
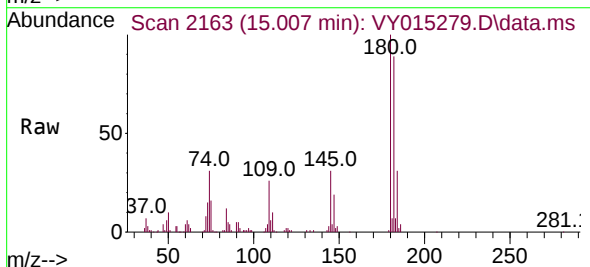
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD

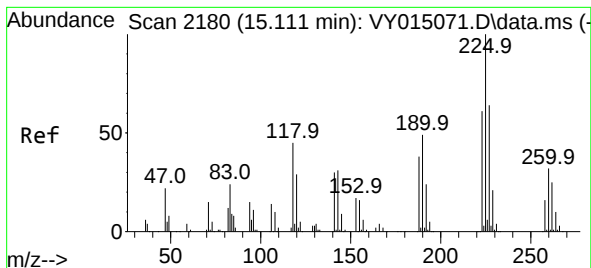
Tgt Ion:	75	Resp:	11530
Ion	Ratio	Lower	Upper
75	100		
155	86.5	41.5	124.6
157	113.1	51.8	155.5



#93
 1,2,4-Trichlorobenzene
 Concen: 41.390 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

Tgt Ion:	180	Resp:	46677
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	30.2	14.5	43.5





#94

Hexachlorobutadiene

Concen: 39.625 ug/l

RT: 15.117 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(1-2)MSD

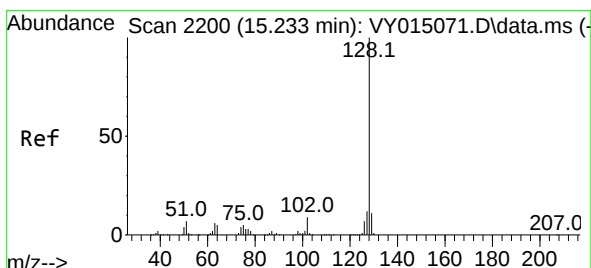
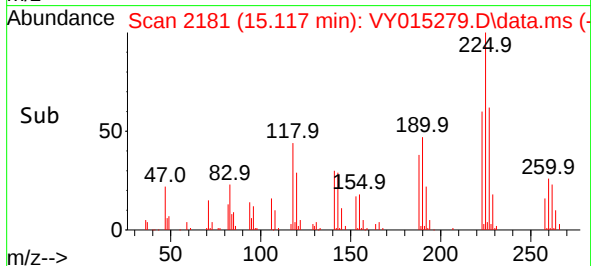
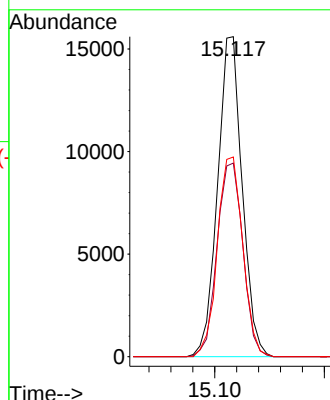
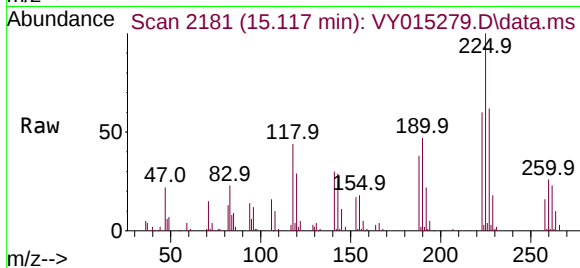
Tgt Ion:225 Resp: 24307

Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.3 33.0 98.9



#95

Napthalene

Concen: 49.201 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015279.D

Acq: 23 Aug 2023 05:18

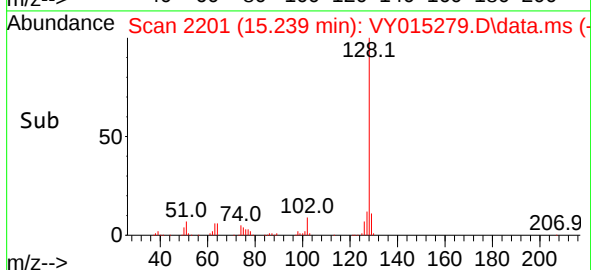
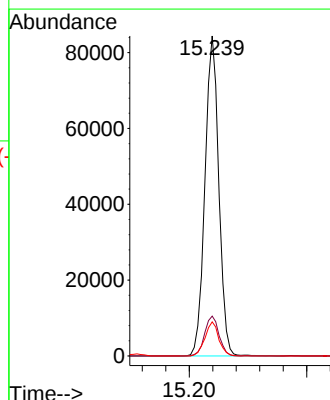
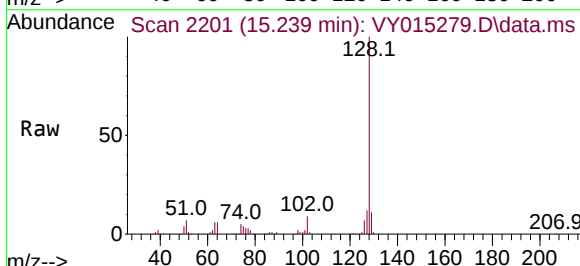
Tgt Ion:128 Resp: 138218

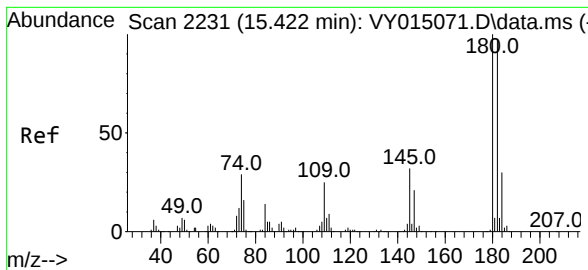
Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

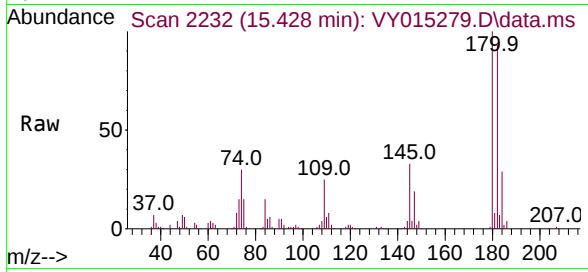
129 10.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 42.606 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015279.D
 Acq: 23 Aug 2023 05:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(1-2)MSD



Tgt Ion:	180	Resp:	43393
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	141.8
145	33.3	15.4	46.2

