

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015264.D
 Acq On : 22 Aug 2023 23:27
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

Quant Time: Aug 23 02:50:29 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	7.795	168	147894	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	254469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103747	58.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.721	113	91172	55.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.380%
50) Toluene-d8	10.178	98	329394	54.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.483	95	115950	52.092	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.905	85	15204	21.099	ug/l	98
3) Chloromethane	2.113	50	19948	20.318	ug/l	97
4) Vinyl Chloride	2.247	62	23767	20.196	ug/l	99
5) Bromomethane	2.643	94	19128	21.103	ug/l	98
6) Chloroethane	2.789	64	18805	22.009	ug/l	98
7) Trichlorofluoromethane	3.119	101	41166	20.760	ug/l	95
8) Diethyl Ether	3.533	74	16943	21.786	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	25957	21.062	ug/l	95
10) Methyl Iodide	4.088	142	20419	16.873	ug/l	98
11) Tert butyl alcohol	4.972	59	26375	79.166	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	20912	20.321	ug/l	92
13) Acrolein	3.728	56	14893	99.007	ug/l	99
14) Allyl chloride	4.478	41	38046	20.852	ug/l	98
15) Acrylonitrile	5.167	53	59081	112.101	ug/l	98
16) Acetone	3.954	43	51721	89.179	ug/l	98
17) Carbon Disulfide	4.192	76	30850	17.034	ug/l	100
18) Methyl Acetate	4.484	43	48436	22.790	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	95422	21.807	ug/l	99
20) Methylene Chloride	4.716	84	45392	31.001	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	24511	21.115	ug/l	92
22) Diisopropyl ether	6.124	45	103632	22.762	ug/l	95
23) Vinyl Acetate	6.063	43	278758	102.612	ug/l	96
24) 1,1-Dichloroethane	6.021	63	55741	22.614	ug/l	98
25) 2-Butanone	6.990	43	82259	100.172	ug/l	100
26) 2,2-Dichloropropane	6.984	77	43016	18.103	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	34298	21.630	ug/l	95
28) Bromochloromethane	7.337	49	28461	25.133	ug/l	95
29) Tetrahydrofuran	7.350	42	52627	107.179	ug/l	94
30) Chloroform	7.508	83	62712	22.696	ug/l	99
31) Cyclohexane	7.789	56	33617	19.649	ug/l #	89
32) 1,1,1-Trichloroethane	7.703	97	51143	21.751	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35396	19.543	ug/l	98
37) Ethyl Acetate	7.081	43	34592	20.490	ug/l	96
38) Carbon Tetrachloride	7.904	117	41405	19.317	ug/l	98
39) Methylcyclohexane	9.185	83	37105	18.275	ug/l	96
40) Benzene	8.160	78	115371	21.070	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17786	20.431	ug/l #	89
42) 1,2-Dichloroethane	8.240	62	42743	21.494	ug/l	93
43) Isopropyl Acetate	8.276	43	61946	20.150	ug/l	98
44) Trichloroethene	8.941	130	32615	20.675	ug/l	100
45) 1,2-Dichloropropane	9.221	63	33134	21.459	ug/l	94
46) Dibromomethane	9.307	93	20632	21.186	ug/l	96
47) Bromodichloromethane	9.502	83	49199	21.171	ug/l	97
48) Methyl methacrylate	9.294	41	28174	21.423	ug/l	96
49) 1,4-Dioxane	9.307	88	7664	393.556	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	192548	108.067	ug/l	96
52) Toluene	10.245	92	74582	20.665	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	46792	19.159	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	51664	20.087	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	31541	21.301	ug/l	94
56) Ethyl methacrylate	10.514	69	43118	19.897	ug/l	93
57) 1,3-Dichloropropane	10.794	76	50901	21.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	108066	107.154	ug/l	95
59) 2-Hexanone	10.837	43	135670	102.883	ug/l	94
60) Dibromochloromethane	10.983	129	36659	20.754	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29091	20.681	ug/l	97
64) Tetrachloroethene	10.721	164	36380	22.411	ug/l	93
65) Chlorobenzene	11.520	112	88062	20.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	35190	20.429	ug/l	98
67) Ethyl Benzene	11.593	91	150921	20.290	ug/l	99
68) m/p-Xylenes	11.702	106	114645	40.581	ug/l	94
69) o-Xylene	12.032	106	56878	20.210	ug/l	97
70) Styrene	12.044	104	99154	20.356	ug/l	97
71) Bromoform	12.208	173	23898	19.138	ug/l #	99
73) Isopropylbenzene	12.330	105	151436	20.382	ug/l	100
74) N-amyl acetate	12.148	43	53326	19.878	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	40544	20.952	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	50842	36.217	ug/l #	100
77) Bromobenzene	12.611	156	37855	20.902	ug/l	98
78) n-propylbenzene	12.672	91	180830	20.495	ug/l	99
79) 2-Chlorotoluene	12.757	91	104664	20.563	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	124709	20.136	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	10624	16.623	ug/l	91
82) 4-Chlorotoluene	12.855	91	108773	20.685	ug/l	99
83) tert-Butylbenzene	13.074	119	113520	20.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	126417	20.427	ug/l	98
85) sec-Butylbenzene	13.251	105	166893	20.107	ug/l	100
86) p-Isopropyltoluene	13.367	119	139253	20.235	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	75508	21.020	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	75438	20.938	ug/l	98
89) n-Butylbenzene	13.696	91	128606	19.820	ug/l	98
90) Hexachloroethane	13.958	117	25860	18.942	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	70946	21.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7365	19.647	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	43019	19.968	ug/l	99
94) Hexachlorobutadiene	15.110	225	23698	20.222	ug/l	98
95) Naphthalene	15.238	128	109191	20.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	40839	20.990	ug/l	98

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

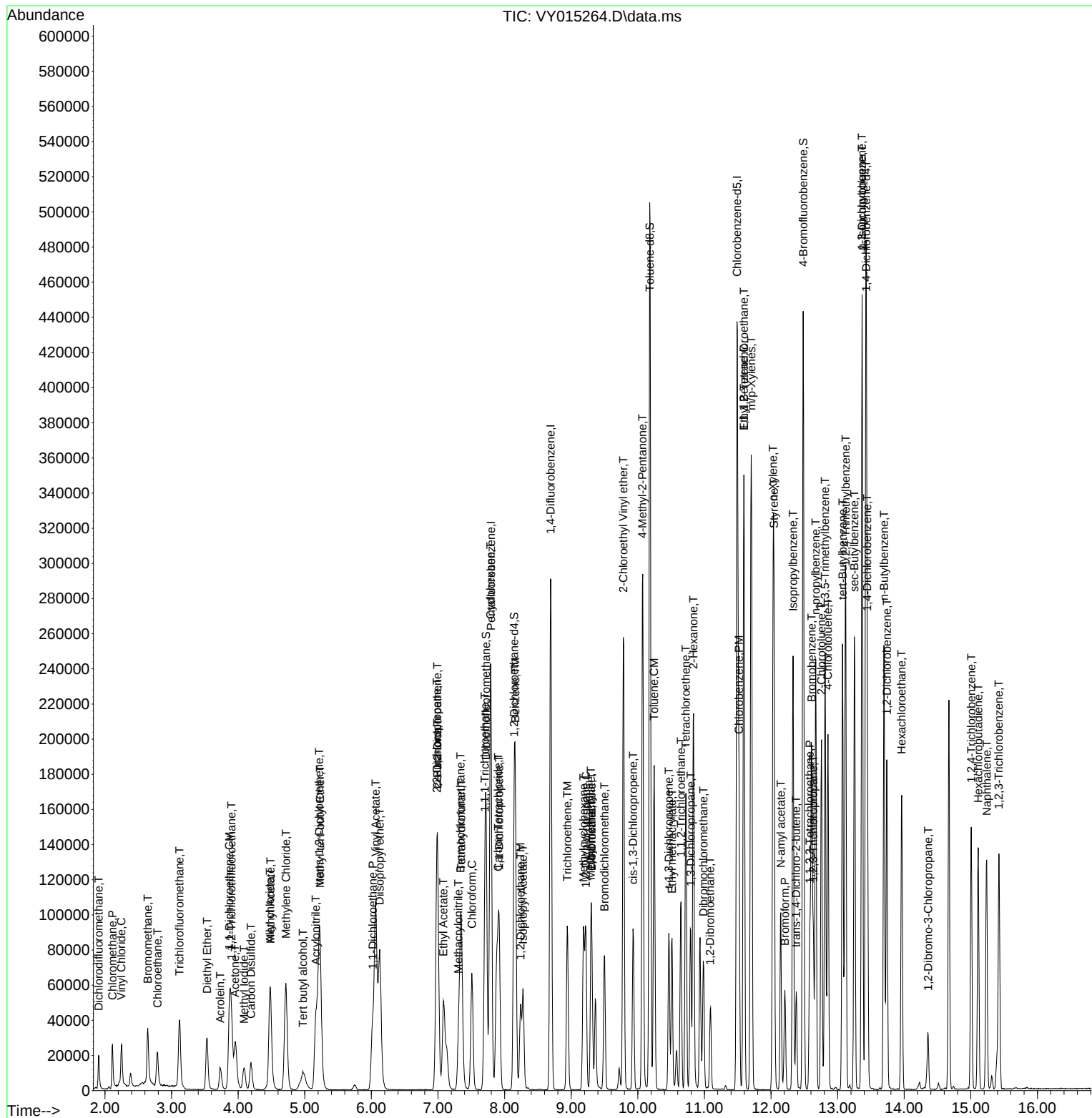
Quant Time: Aug 23 02:50:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

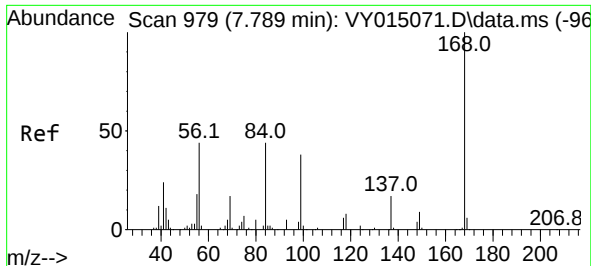
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

Quant Time: Aug 23 02:50:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
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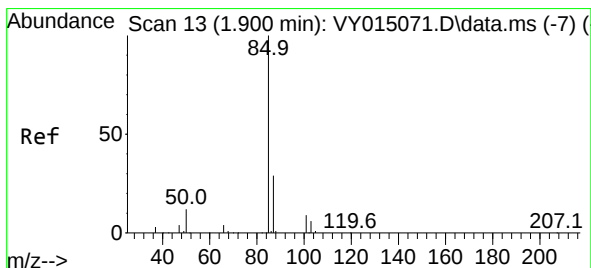
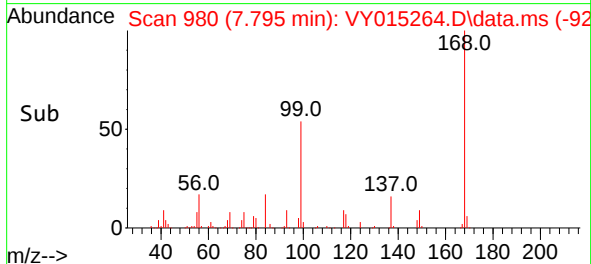
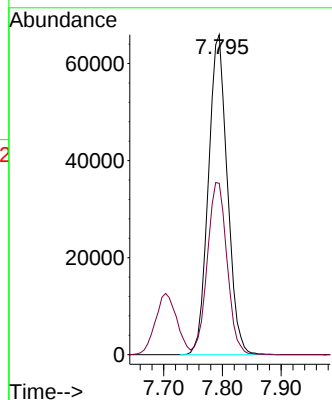
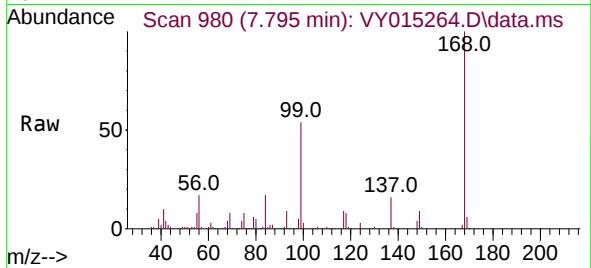




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015264.D
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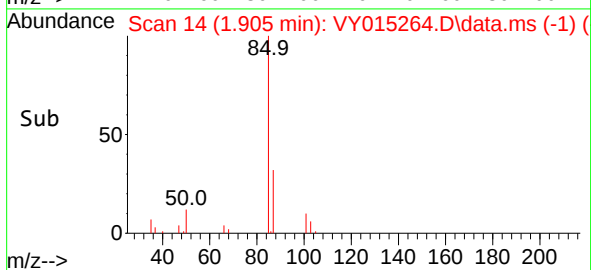
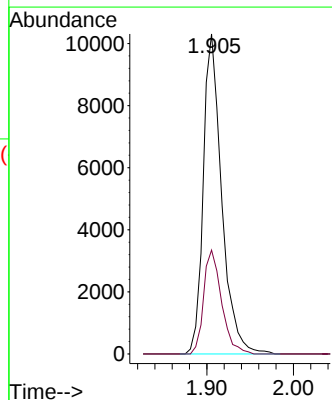
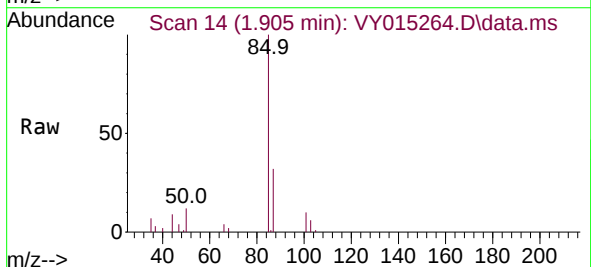
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

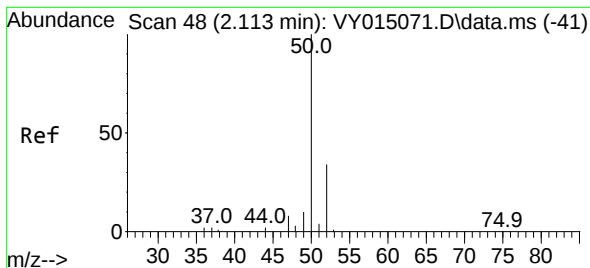
Tgt Ion:168 Resp: 147894
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.099 ug/l
RT: 1.905 min Scan# 14
Delta R.T. 0.005 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 85 Resp: 15204
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





#3

Chloromethane

Concen: 20.318 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

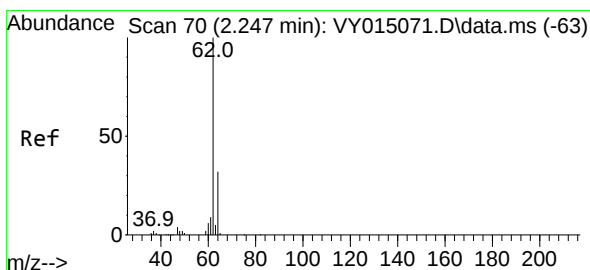
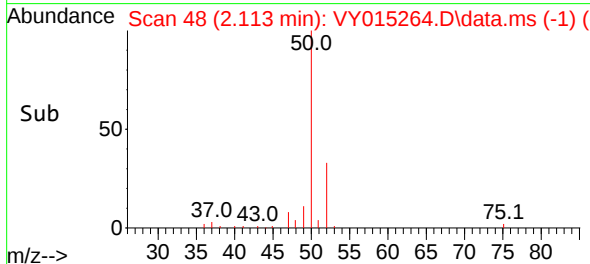
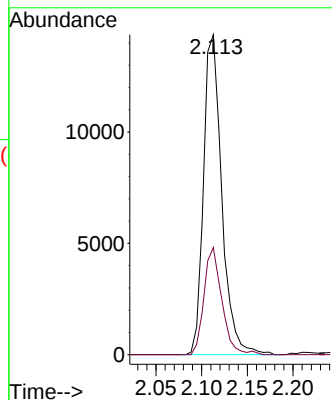
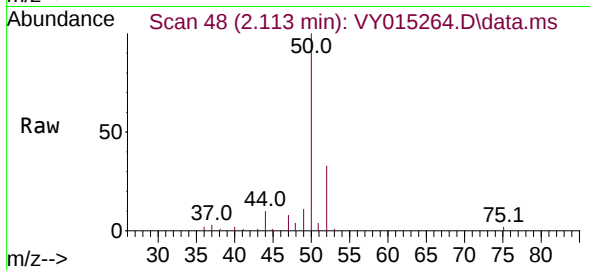
VY0822SBS02

Tgt Ion: 50 Resp: 19948

Ion Ratio Lower Upper

50 100

52 33.5 25.4 38.2



#4

Vinyl Chloride

Concen: 20.196 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY015264.D

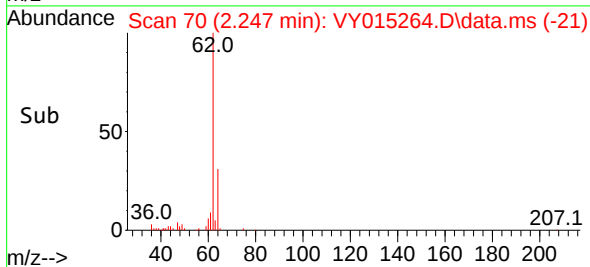
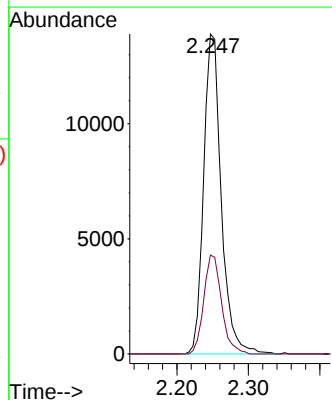
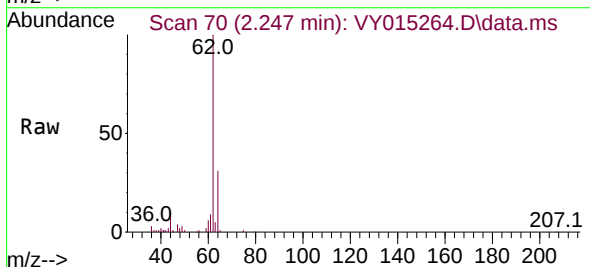
Acq: 22 Aug 2023 23:27

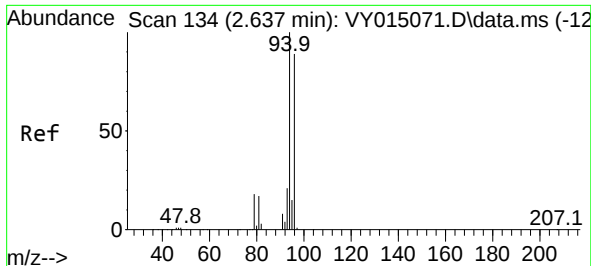
Tgt Ion: 62 Resp: 23767

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5

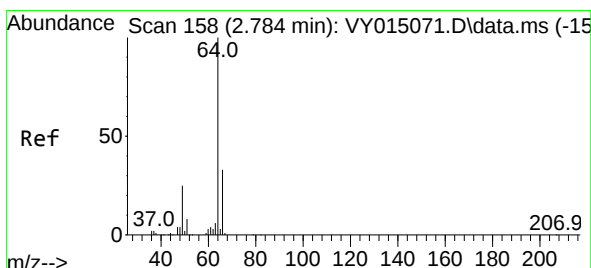
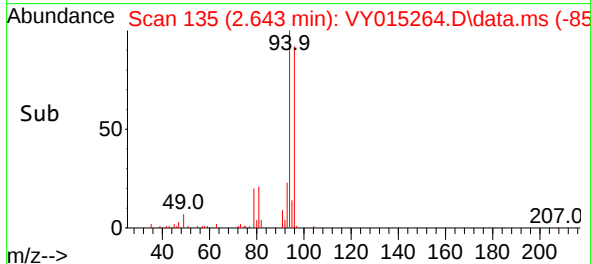
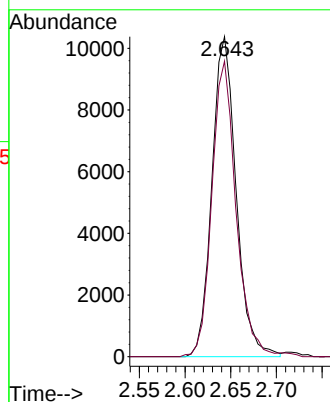
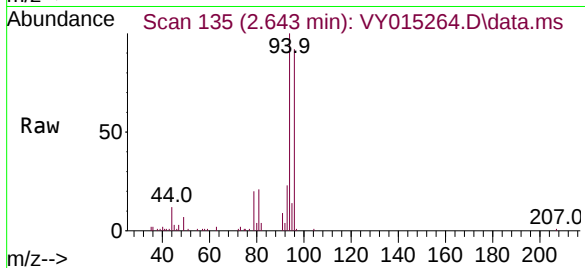




#5
Bromomethane
Concen: 21.103 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

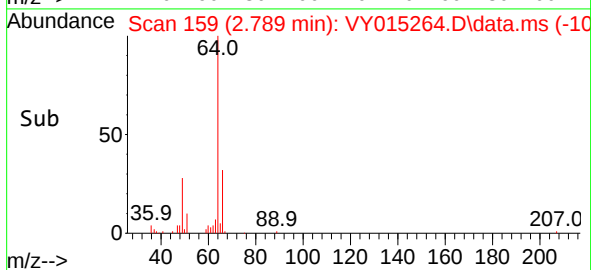
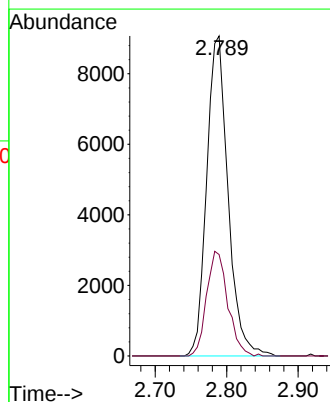
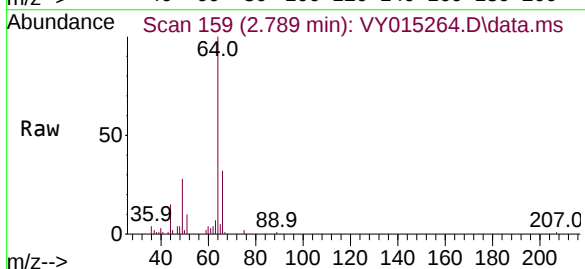
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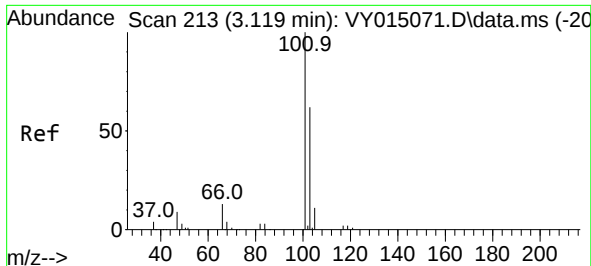
Tgt Ion: 94 Resp: 19128
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.6



#6
Chloroethane
Concen: 22.009 ug/l
RT: 2.789 min Scan# 159
Delta R.T. 0.005 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 64 Resp: 18805
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

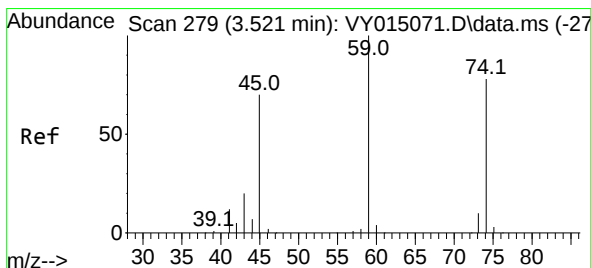
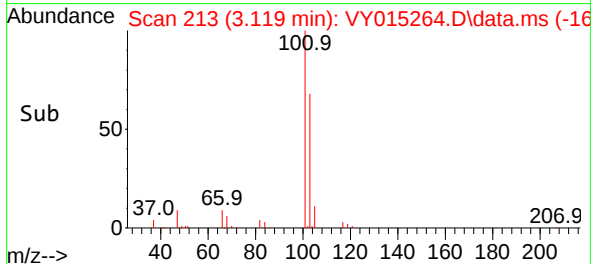
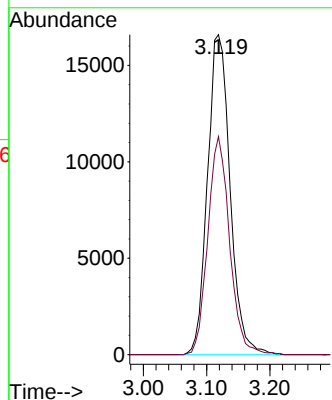
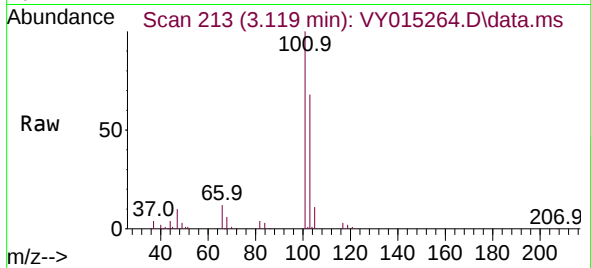




#7
 Trichlorofluoromethane
 Concen: 20.760 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

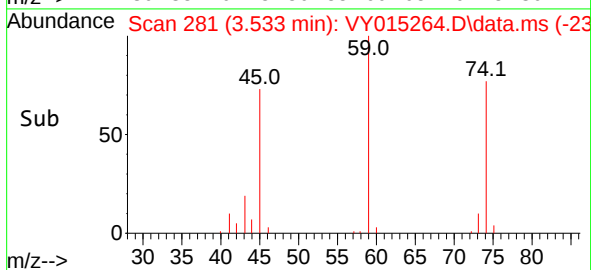
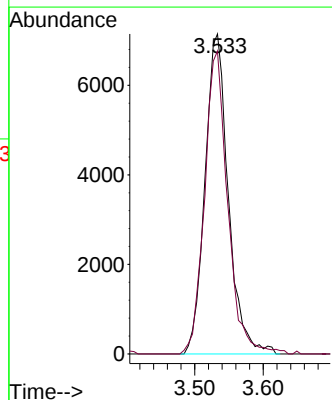
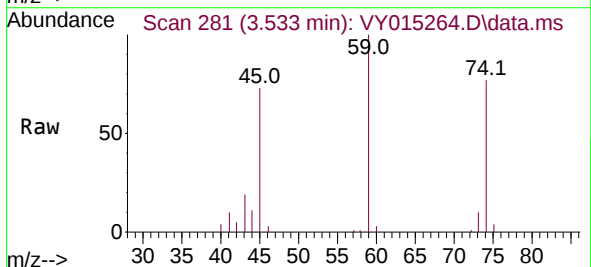
Instrument :
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 VY0822SBS02

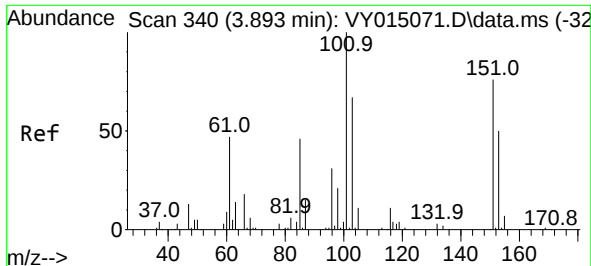
Tgt Ion:101 Resp: 41166
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.786 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

Tgt Ion: 74 Resp: 16943
 Ion Ratio Lower Upper
 74 100
 45 93.9 51.5 154.5

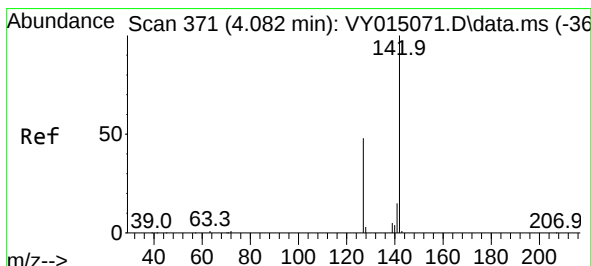
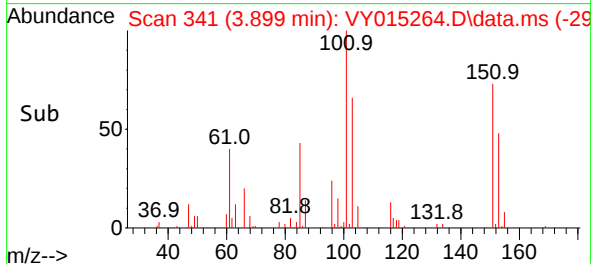
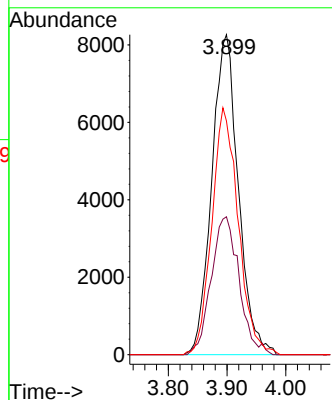
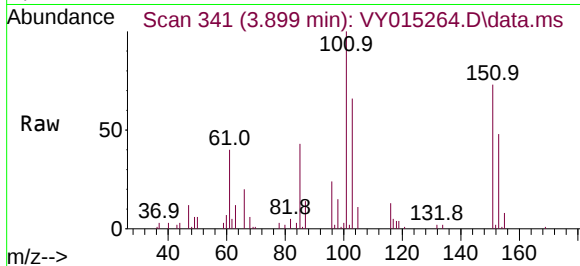




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.062 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

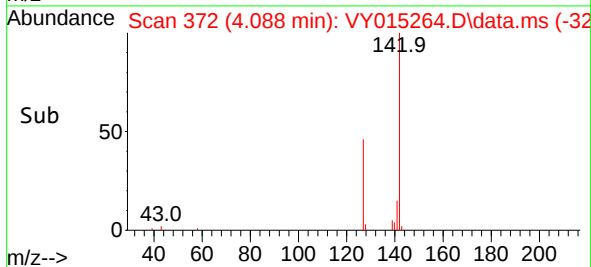
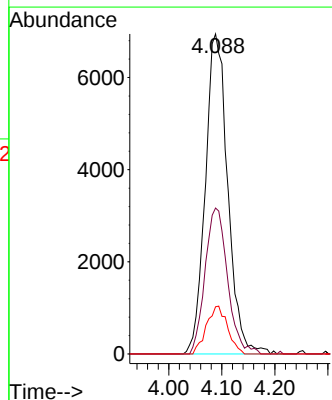
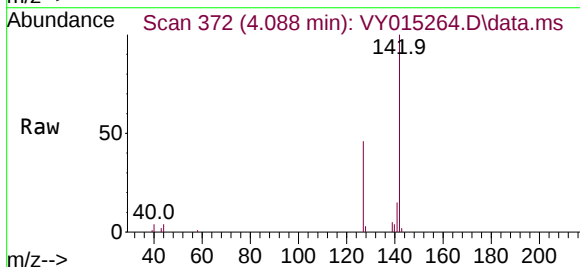
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

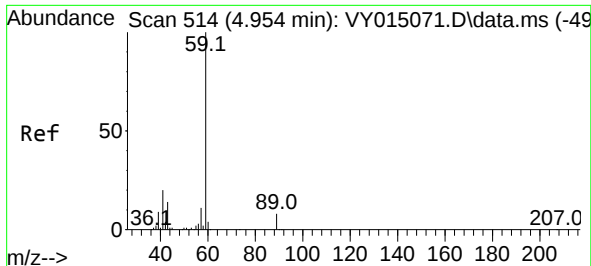
Tgt Ion:101 Resp: 25957
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 16.873 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:142 Resp: 20419
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.1 11.8 17.8

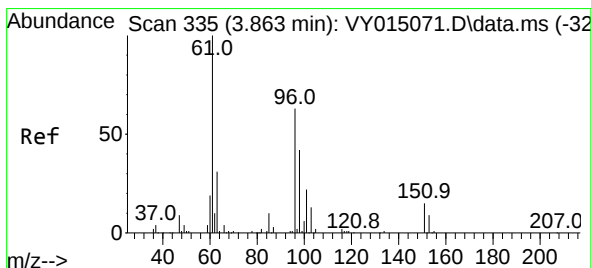
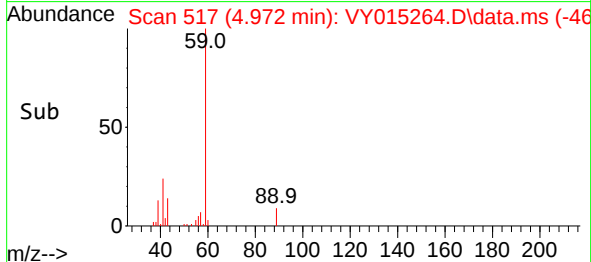
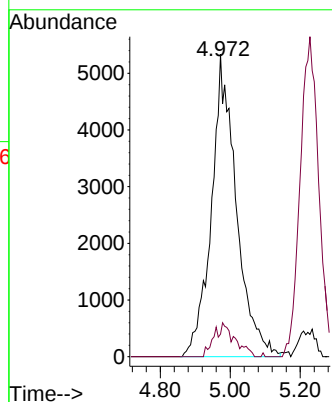
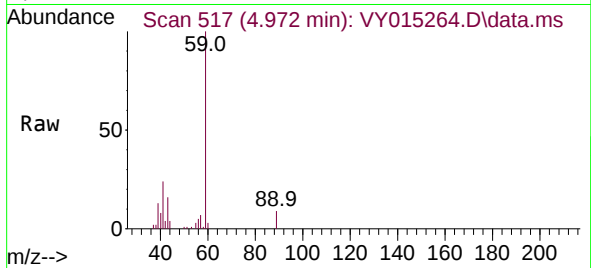




#11
Tert butyl alcohol
Concen: 79.166 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.024 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

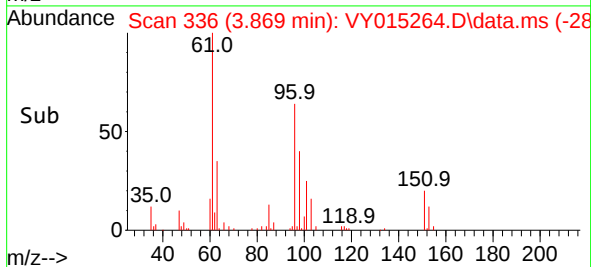
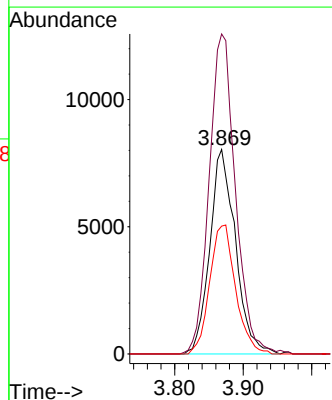
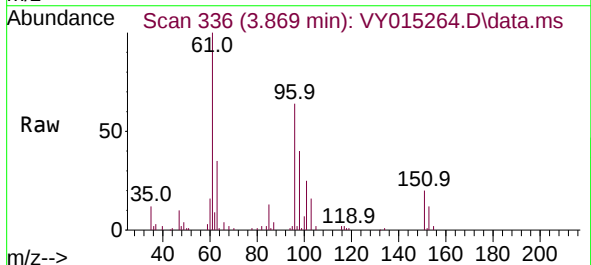
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

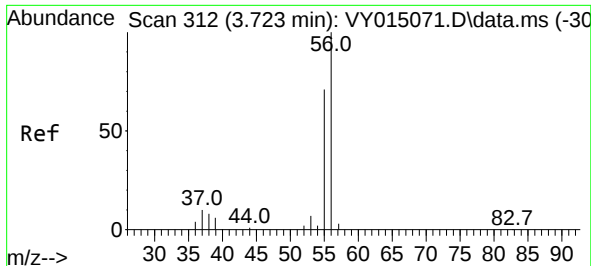
Tgt Ion: 59 Resp: 26375
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.321 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 96 Resp: 20912
Ion Ratio Lower Upper
96 100
61 156.5 136.4 204.6
98 62.5 49.4 74.2





#13

Acrolein

Concen: 99.007 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

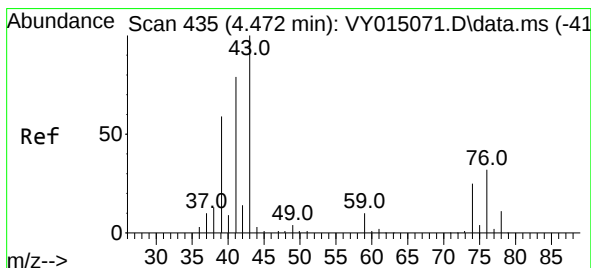
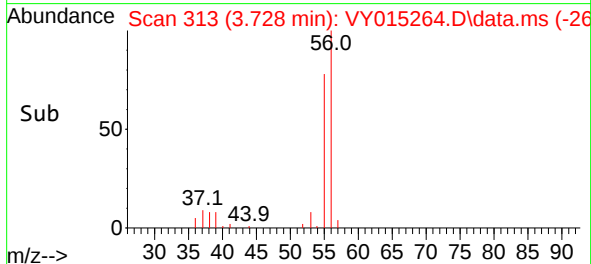
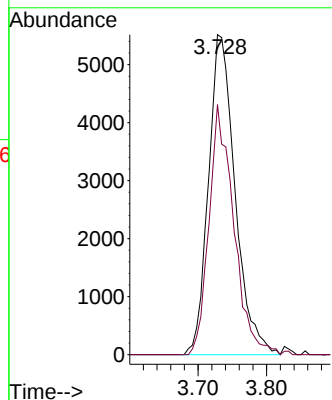
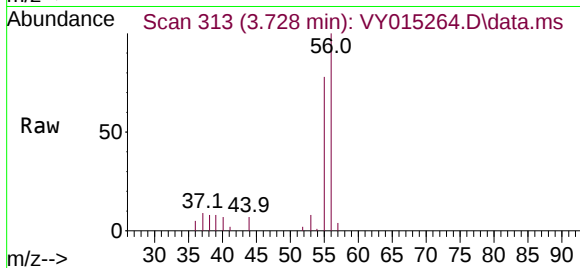
VY0822SBS02

Tgt Ion: 56 Resp: 14893

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 20.852 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

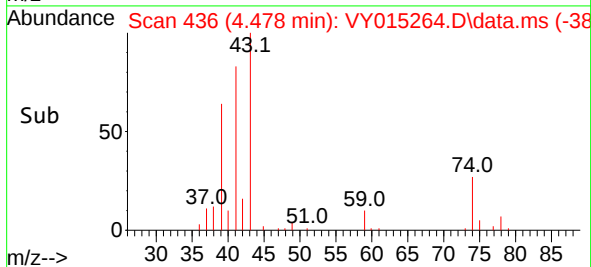
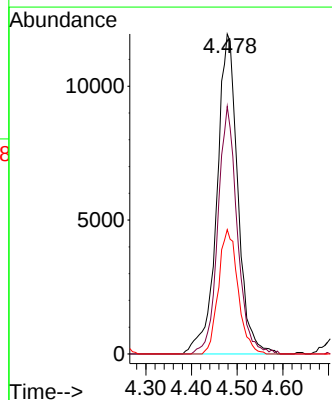
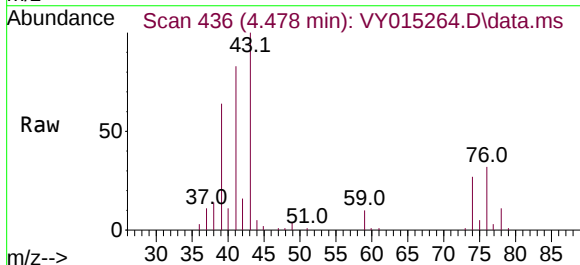
Tgt Ion: 41 Resp: 38046

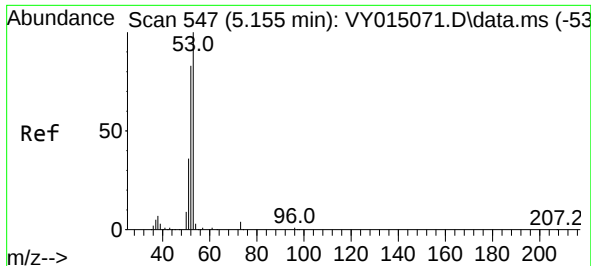
Ion Ratio Lower Upper

41 100

39 71.4 58.0 87.0

76 36.3 27.4 41.2

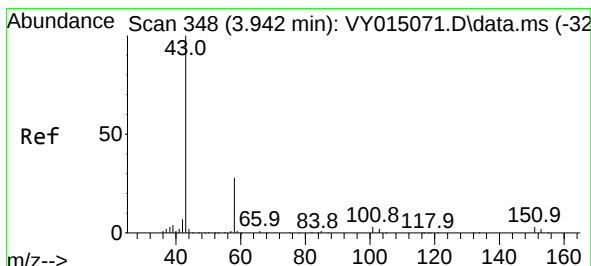
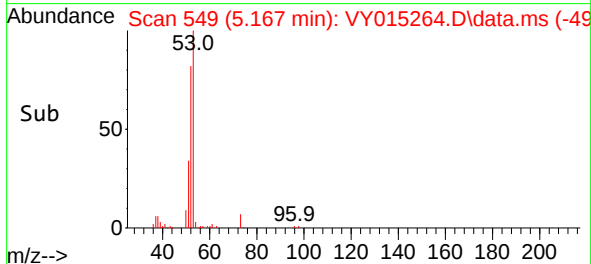
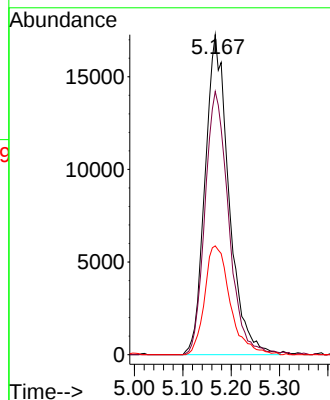
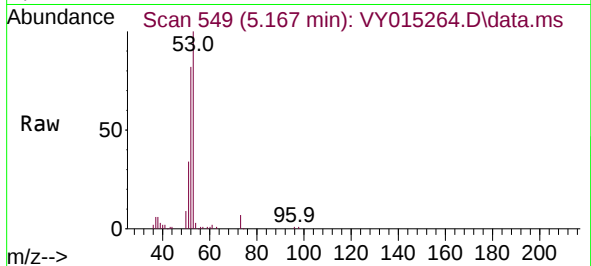




#15
Acrylonitrile
Concen: 112.101 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

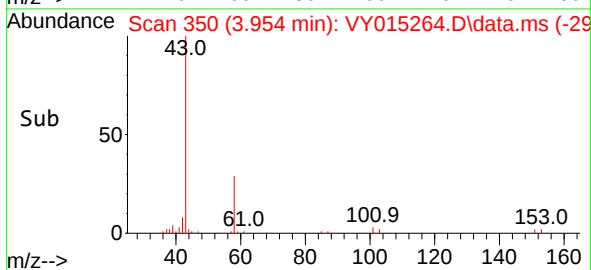
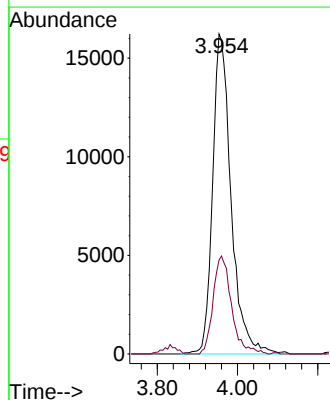
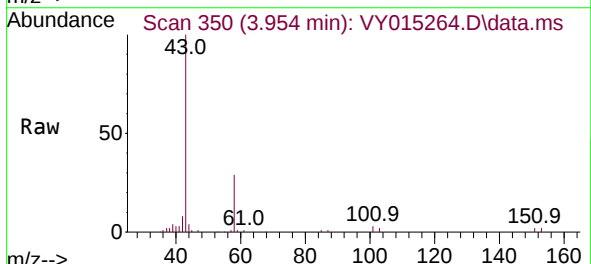
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

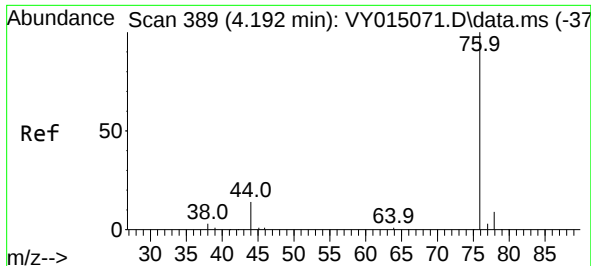
Tgt Ion: 53	Resp: 59081
Ion Ratio	Lower Upper
53 100	
52 82.1	66.9 100.3
51 36.4	29.8 44.6



#16
Acetone
Concen: 89.179 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 43	Resp: 51721
Ion Ratio	Lower Upper
43 100	
58 29.4	22.7 34.1

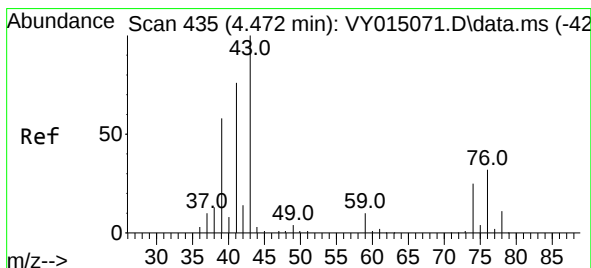
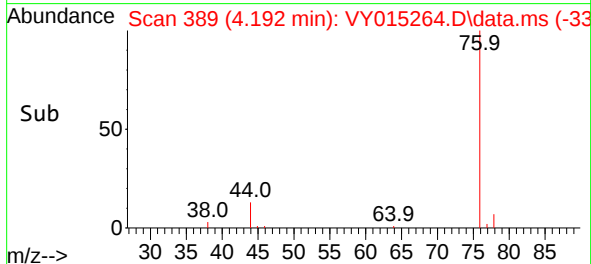
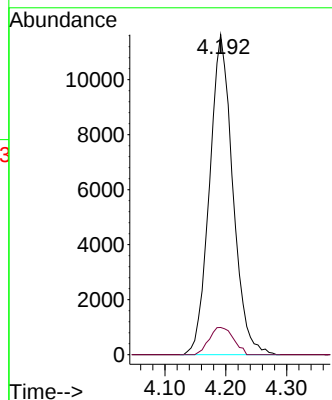
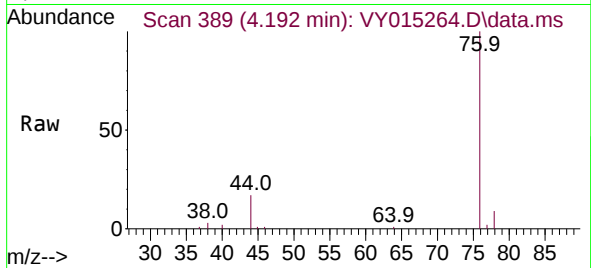




#17
Carbon Disulfide
Concen: 17.034 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

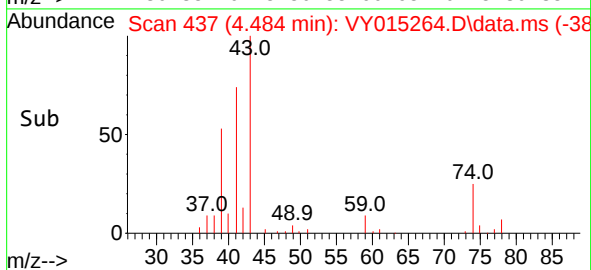
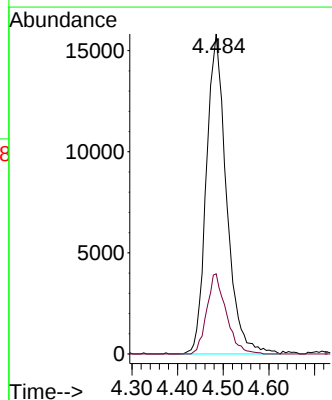
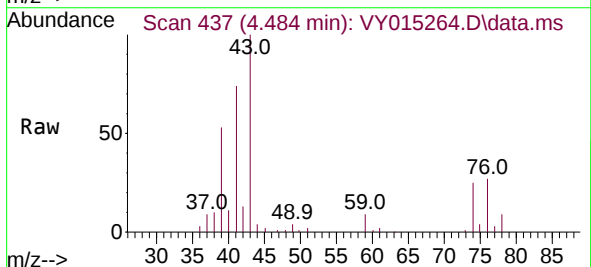
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

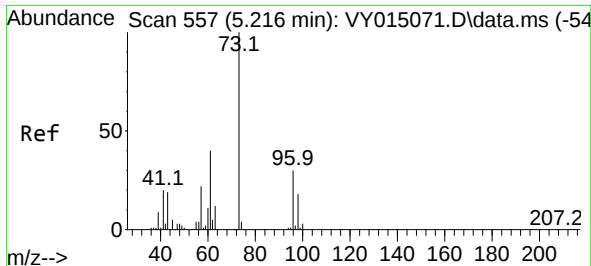
Tgt Ion: 76 Resp: 30850
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 22.790 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.018 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 43 Resp: 48436
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.807 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

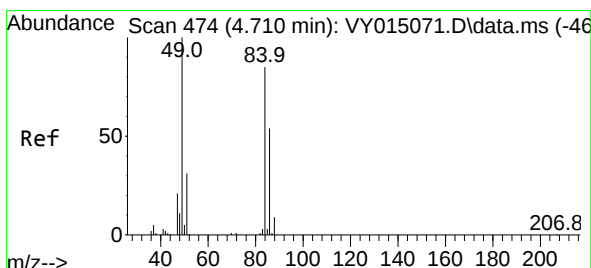
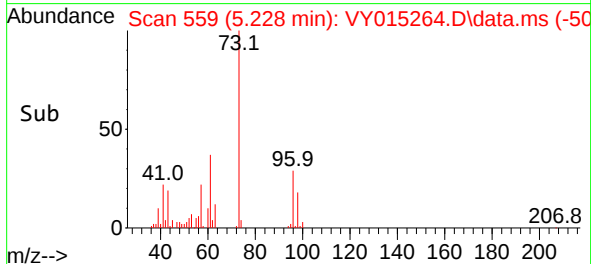
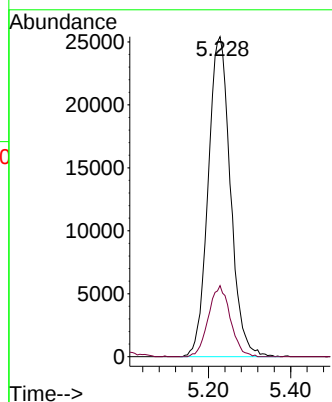
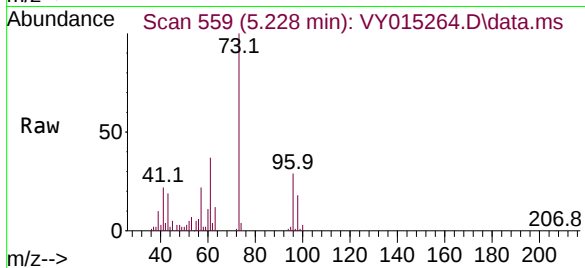
VY0822SBS02

Tgt Ion: 73 Resp: 95422

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9



#20

Methylene Chloride

Concen: 31.001 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Tgt Ion: 84 Resp: 45392

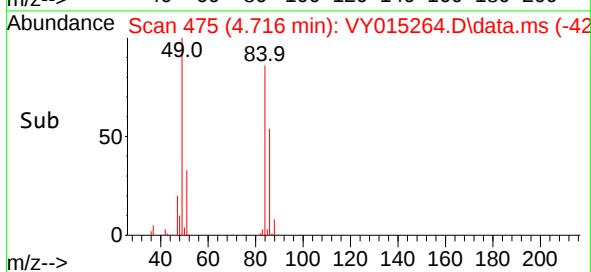
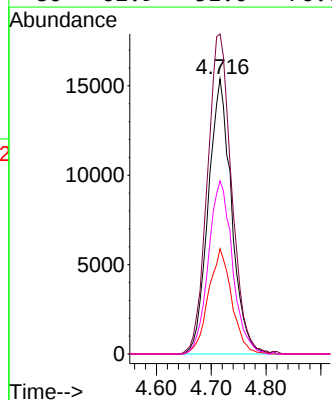
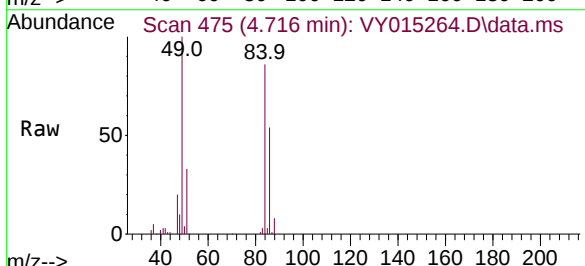
Ion Ratio Lower Upper

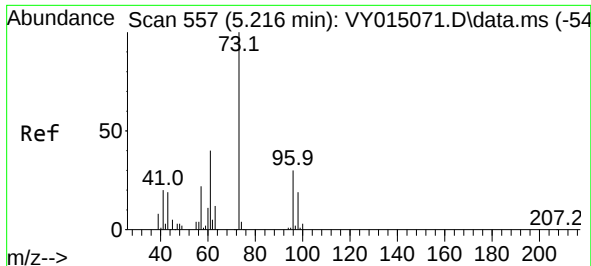
84 100

49 116.3 106.9 160.3

51 38.2 33.2 49.8

86 62.9 51.0 76.6

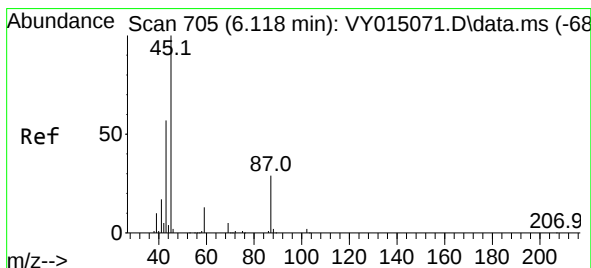
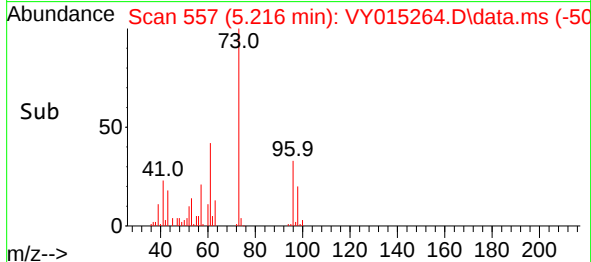
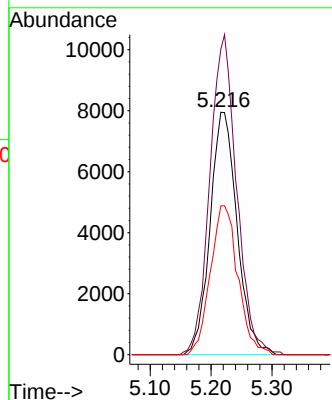
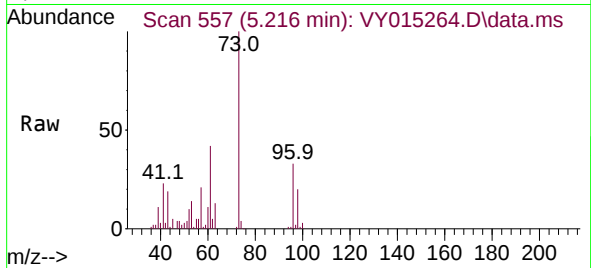




#21
trans-1,2-Dichloroethene
Concen: 21.115 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

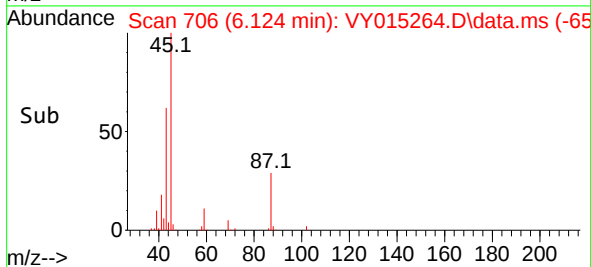
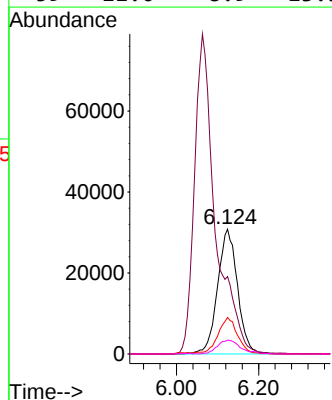
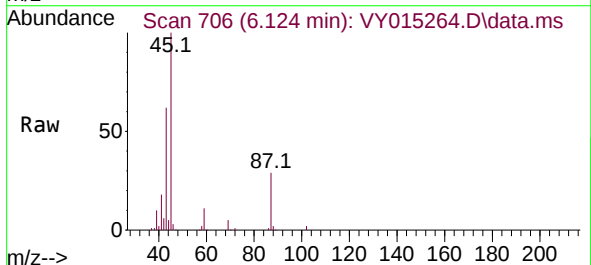
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

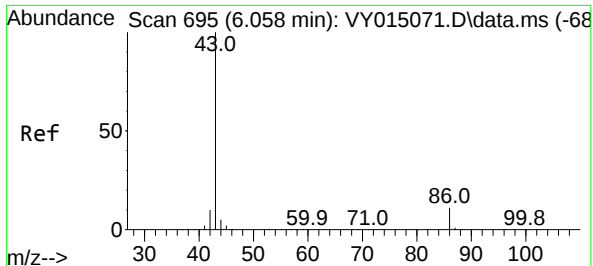
Tgt Ion: 96 Resp: 24511
Ion Ratio Lower Upper
96 100
61 126.1 110.2 165.4
98 61.3 51.8 77.6



#22
Diisopropyl ether
Concen: 22.762 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 45 Resp: 103632
Ion Ratio Lower Upper
45 100
43 61.4 52.2 78.4
87 29.2 21.0 31.6
59 11.0 8.9 13.3

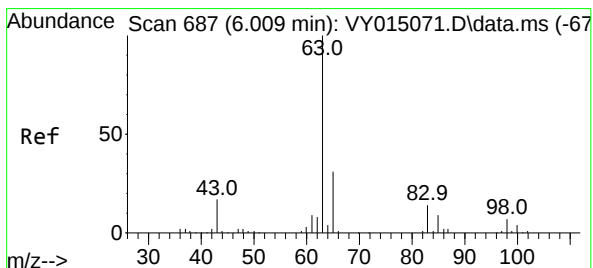
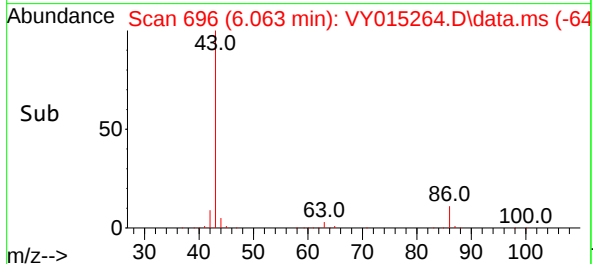
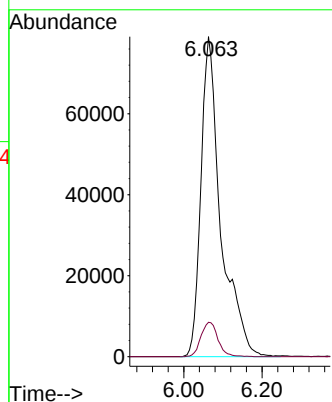
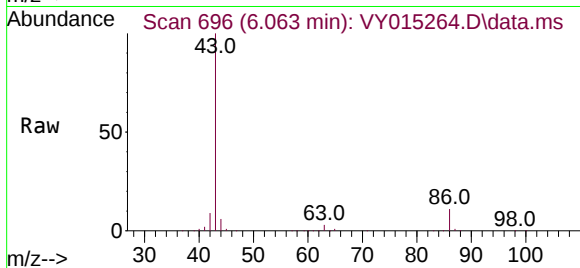




#23
 Vinyl Acetate
 Concen: 102.612 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

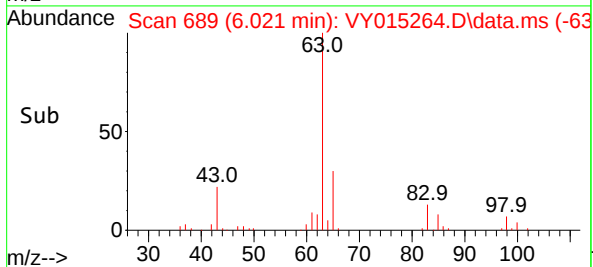
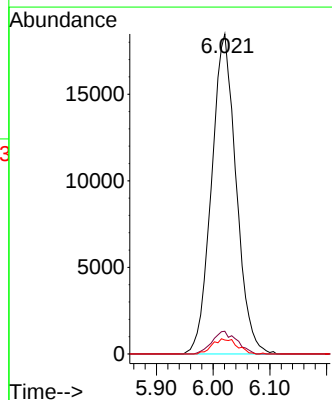
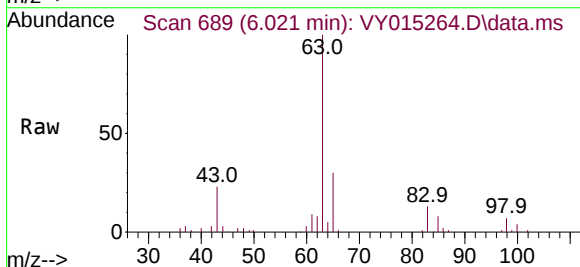
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

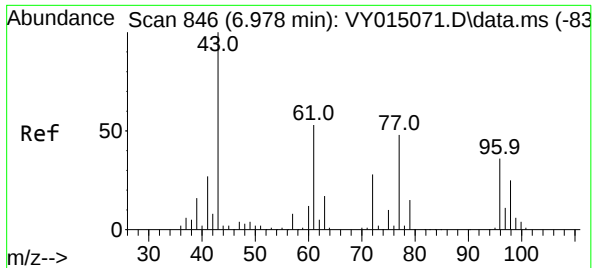
Tgt Ion: 43 Resp: 278758
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 22.614 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

Tgt Ion: 63 Resp: 55741
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 100.172 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

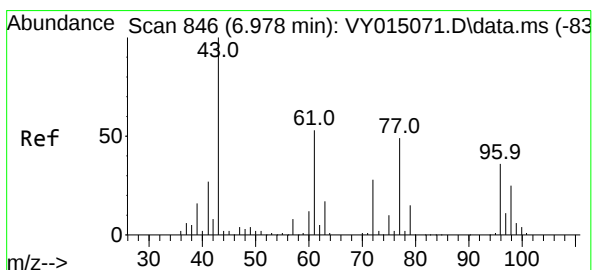
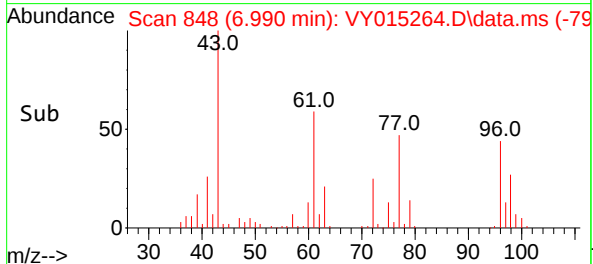
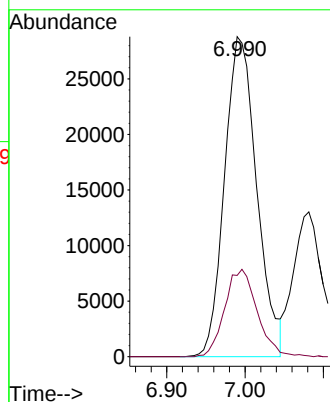
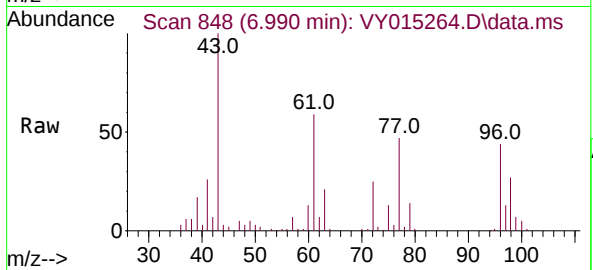
VY0822SBS02

Tgt Ion: 43 Resp: 82259

Ion Ratio Lower Upper

43 100

72 25.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.103 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015264.D

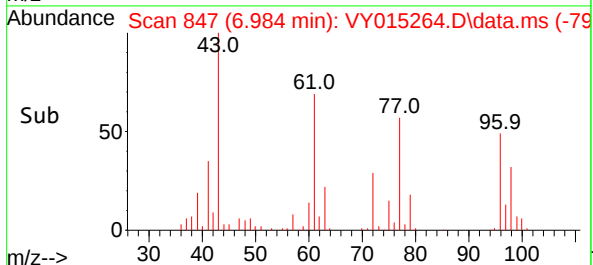
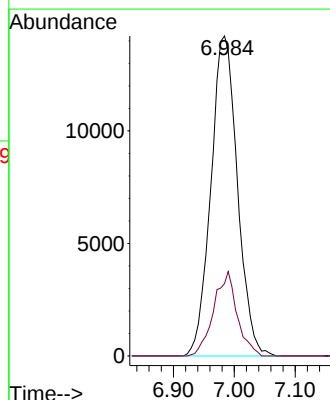
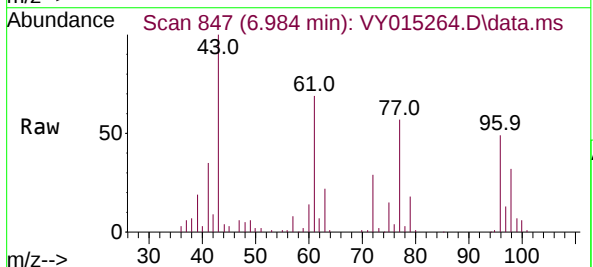
Acq: 22 Aug 2023 23:27

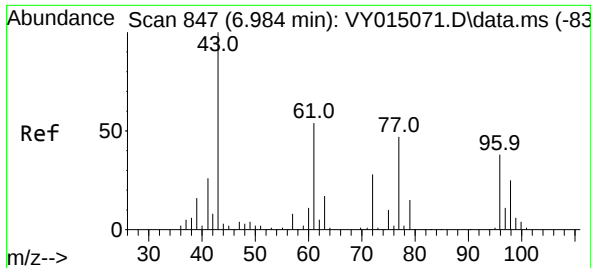
Tgt Ion: 77 Resp: 43016

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.630 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

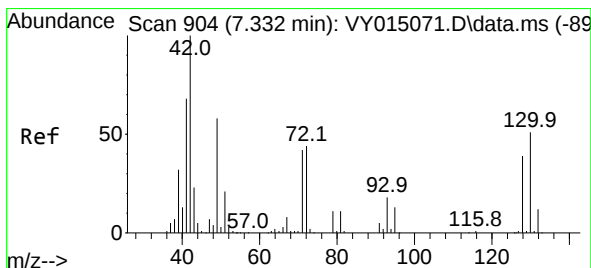
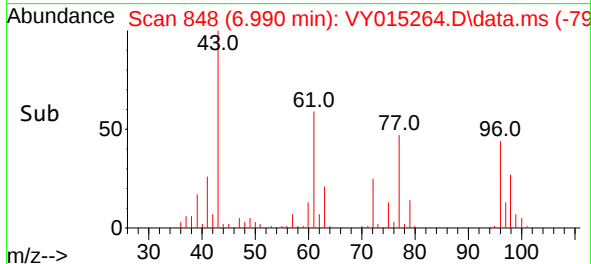
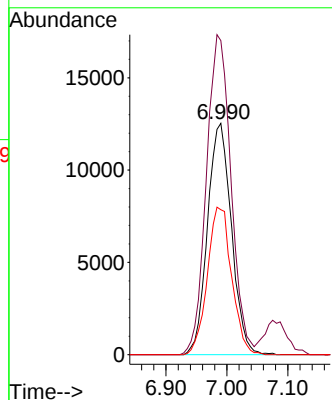
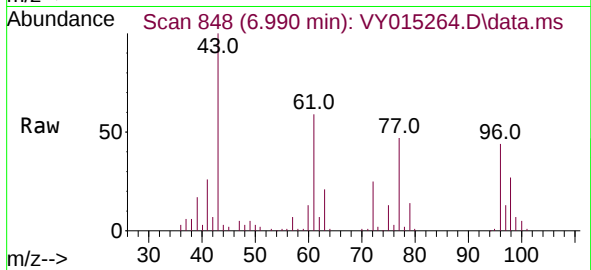
Tgt Ion: 96 Resp: 34298

Ion Ratio Lower Upper

96 100

61 141.8 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 25.133 ug/l

RT: 7.337 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

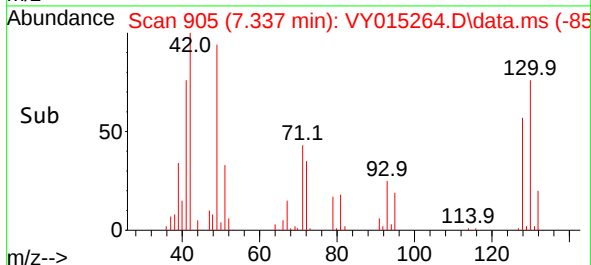
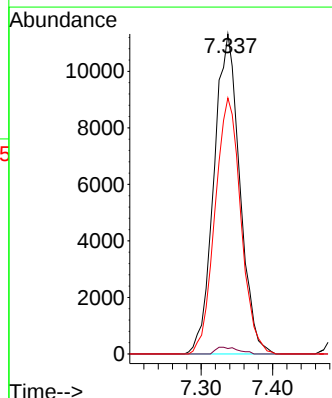
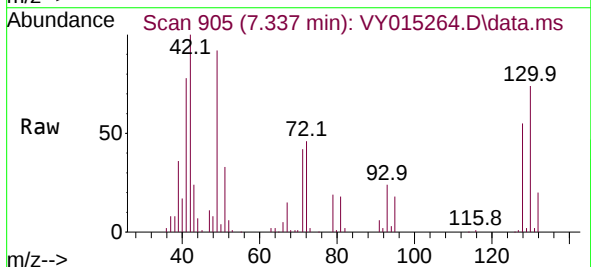
Tgt Ion: 49 Resp: 28461

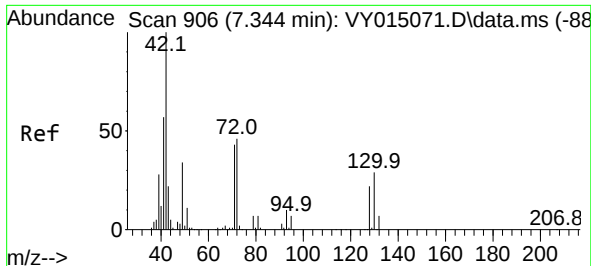
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 79.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.179 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

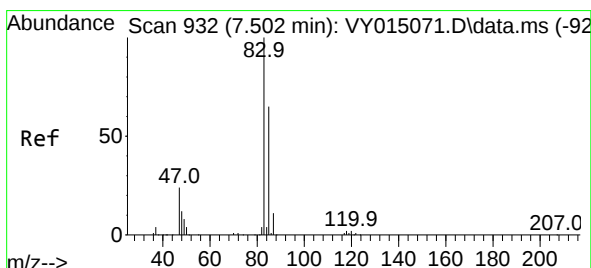
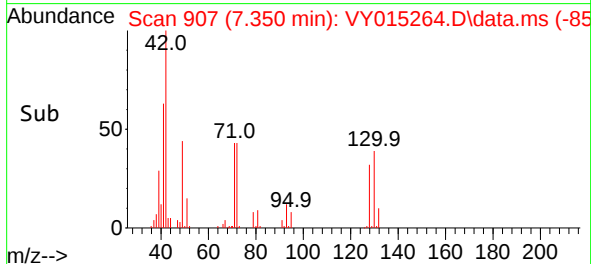
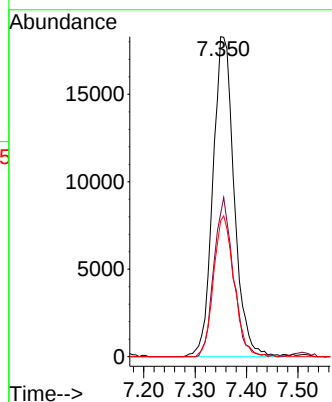
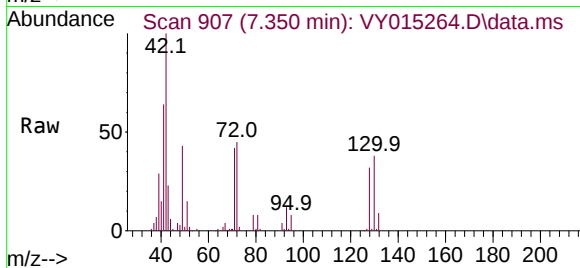
Tgt Ion: 42 Resp: 52627

Ion Ratio Lower Upper

42 100

72 45.3 32.8 49.2

71 42.5 31.0 46.4



#30

Chloroform

Concen: 22.696 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY015264.D

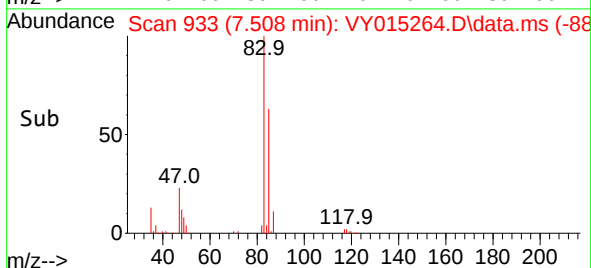
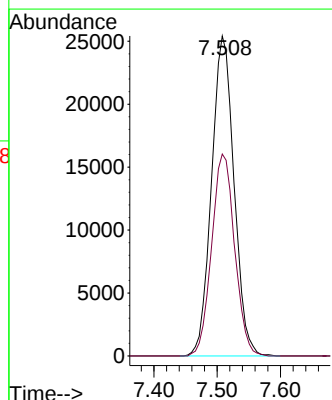
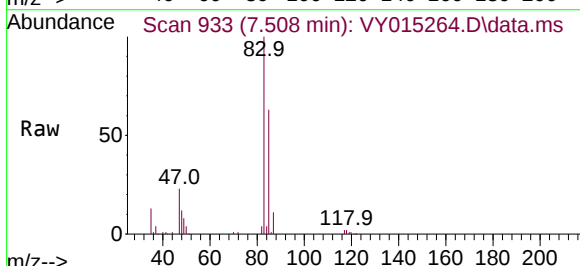
Acq: 22 Aug 2023 23:27

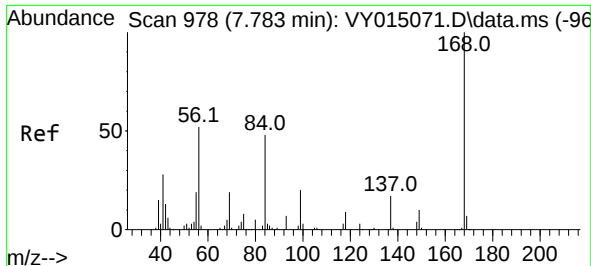
Tgt Ion: 83 Resp: 62712

Ion Ratio Lower Upper

83 100

85 63.1 49.7 74.5

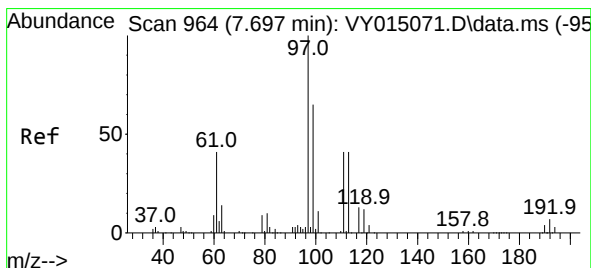
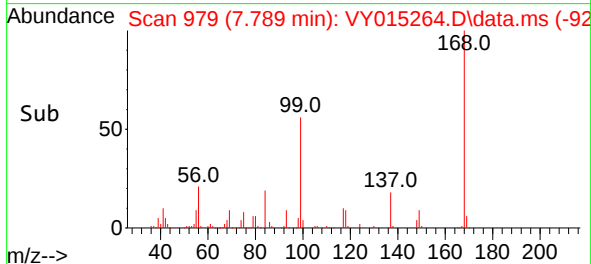
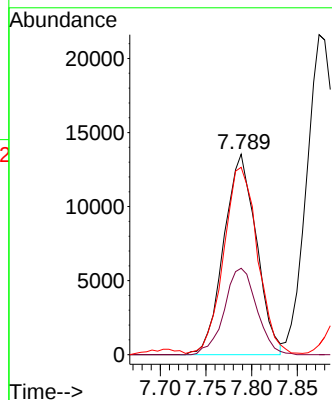
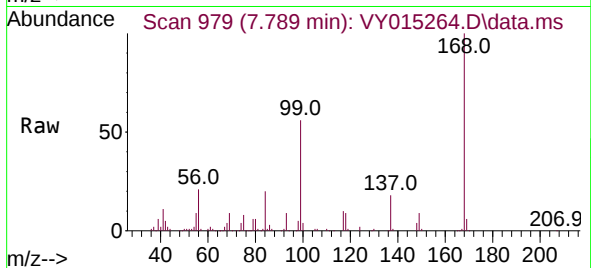




#31
Cyclohexane
Concen: 19.649 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

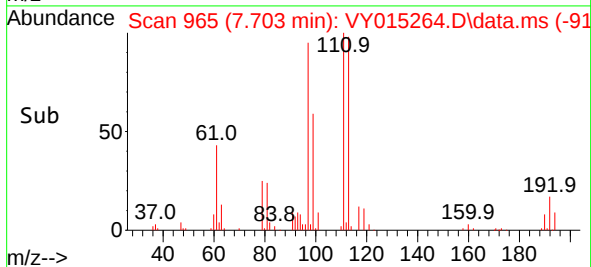
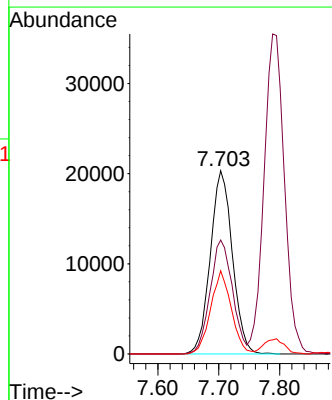
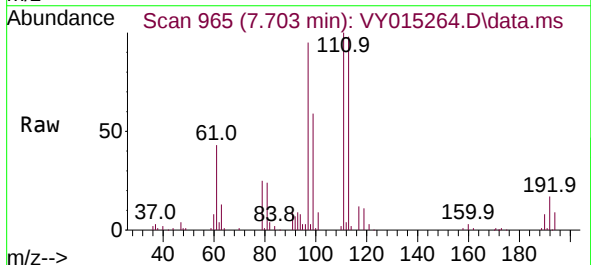
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

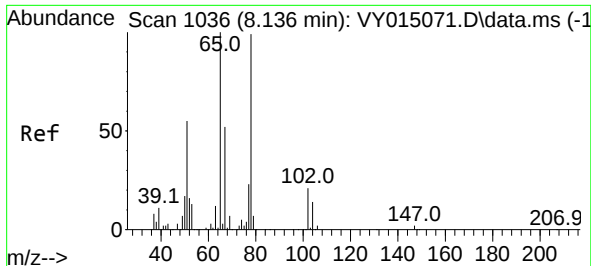
Tgt Ion: 56 Resp: 33617
Ion Ratio Lower Upper
56 100
69 43.1 27.8 41.6#
84 90.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.751 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 97 Resp: 51143
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 58.438 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

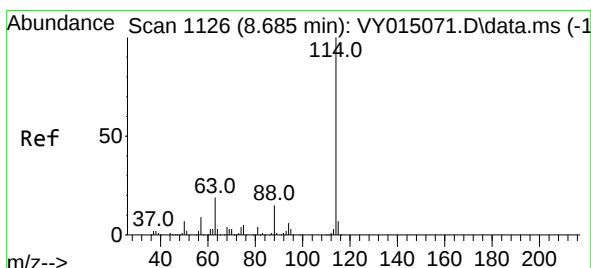
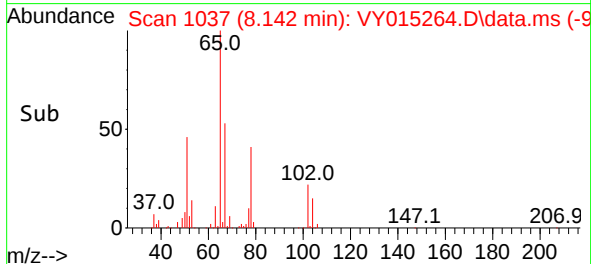
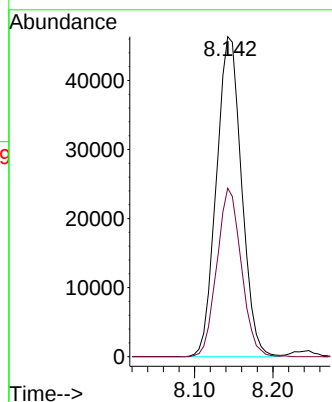
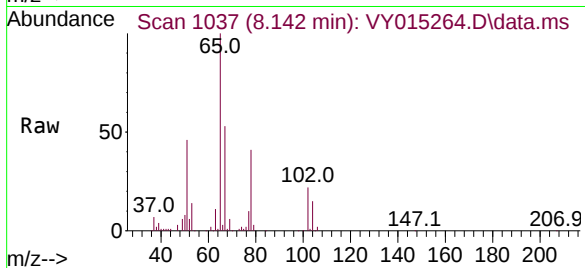
VY0822SBS02

Tgt Ion: 65 Resp: 103747

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

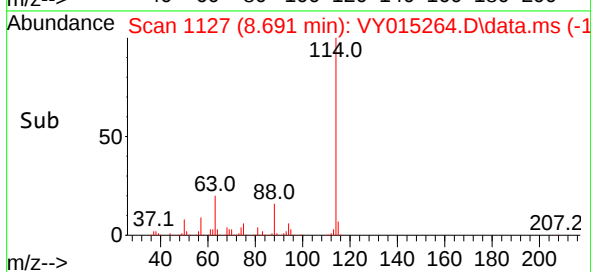
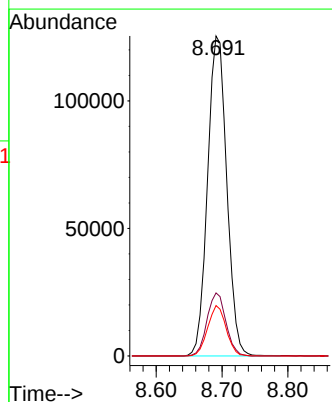
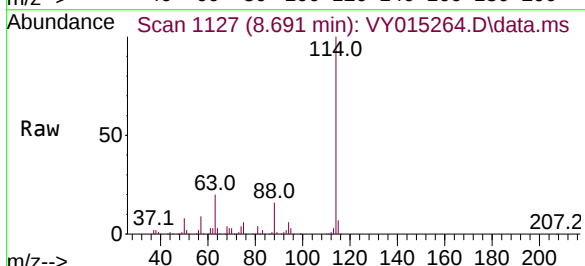
Tgt Ion: 114 Resp: 254469

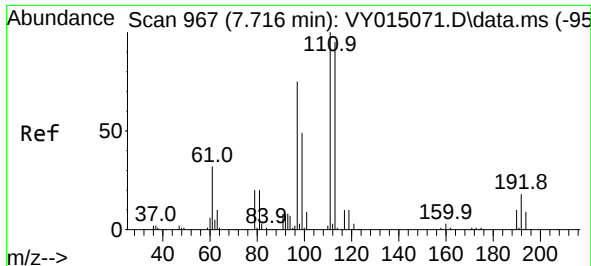
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.7 0.0 30.6

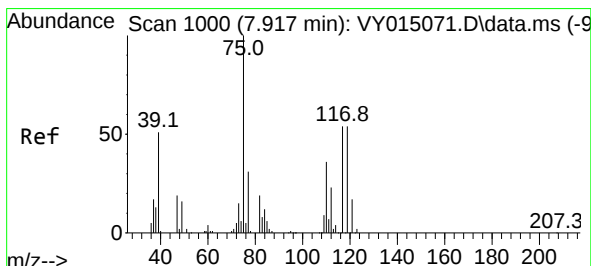
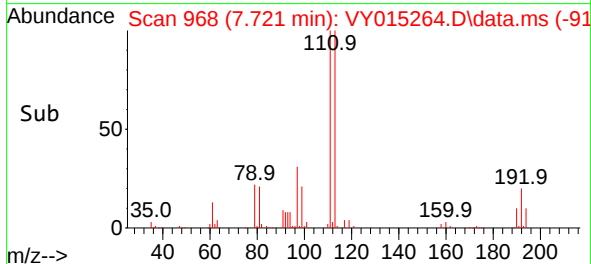
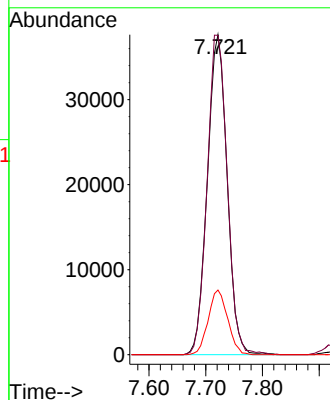
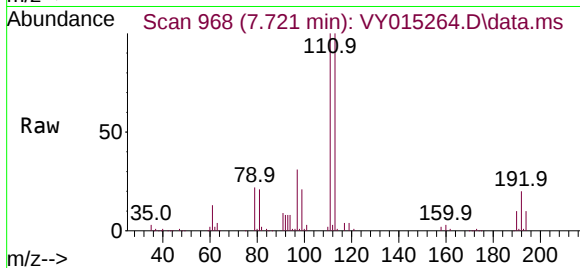




#35
Dibromofluoromethane
Concen: 55.692 ug/l
RT: 7.721 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

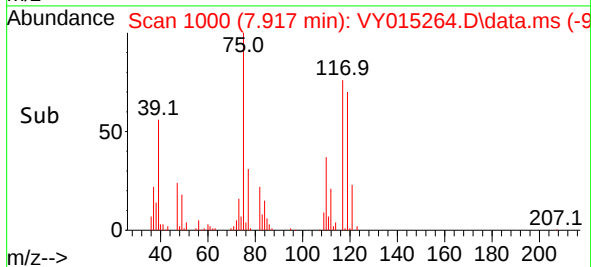
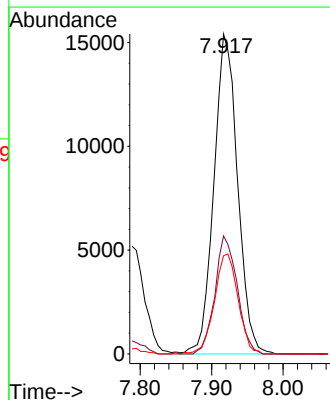
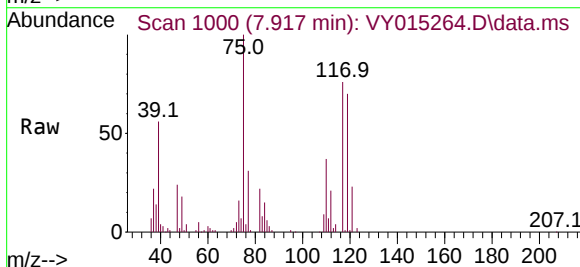
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

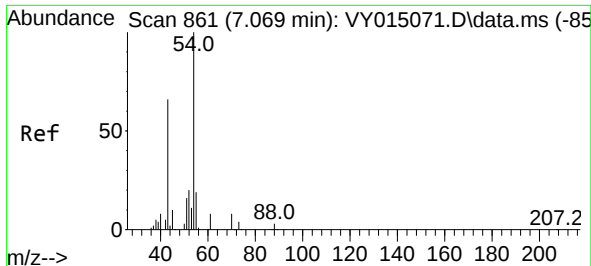
Tgt Ion:113 Resp: 91172
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.543 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 75 Resp: 35396
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.5
77 31.4 24.4 36.6

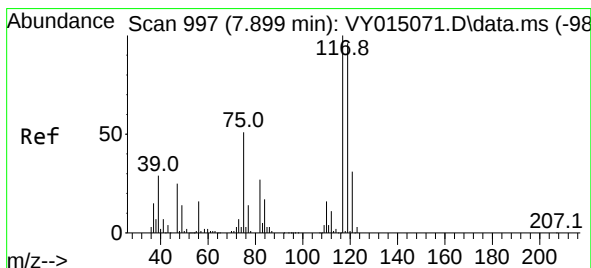
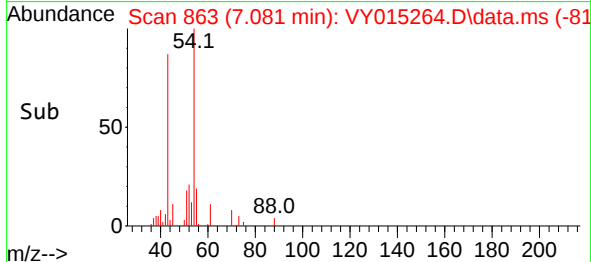
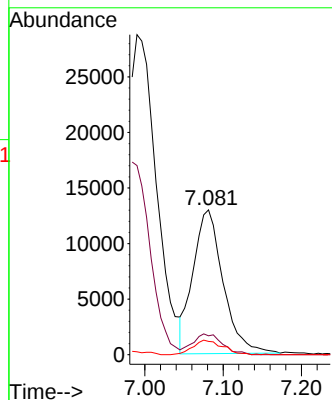
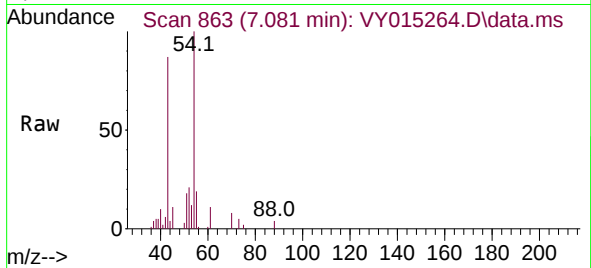




#37
Ethyl Acetate
Concen: 20.490 ug/l
RT: 7.081 min Scan# 861
Delta R.T. 0.012 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

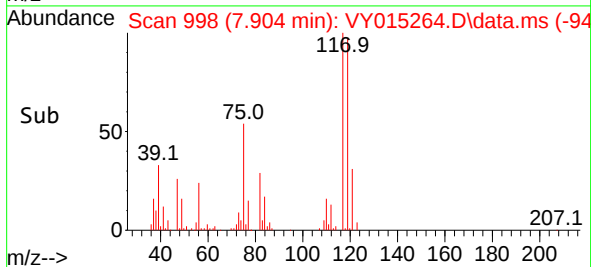
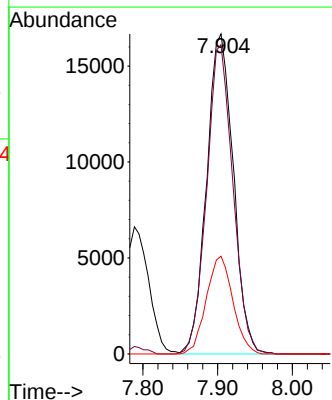
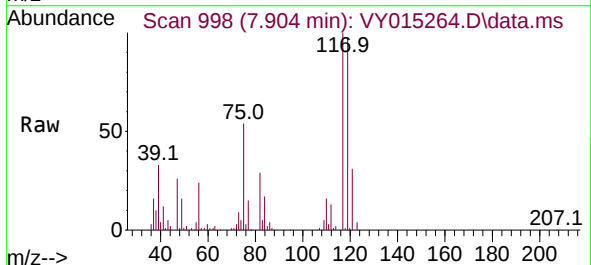
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

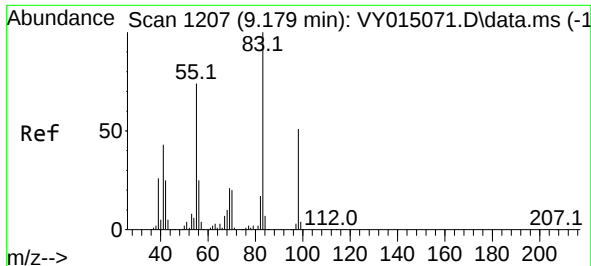
Tgt Ion: 43 Resp: 34592
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.317 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 117 Resp: 41405
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 18.275 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBSD02

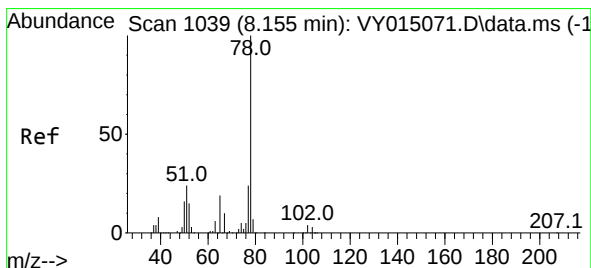
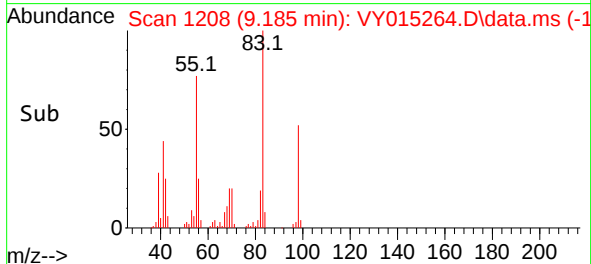
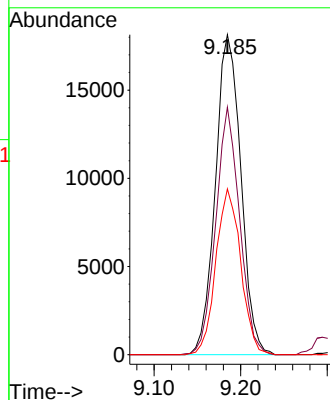
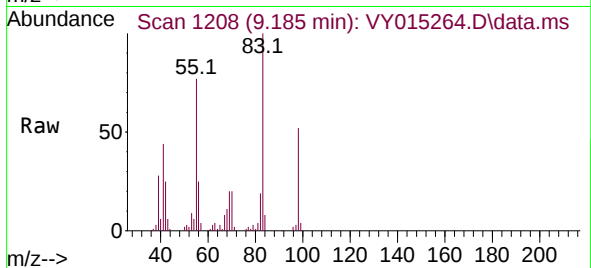
Tgt Ion: 83 Resp: 37105

Ion Ratio Lower Upper

83 100

55 77.4 63.0 94.4

98 51.8 37.4 56.2



#40

Benzene

Concen: 21.070 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015264.D

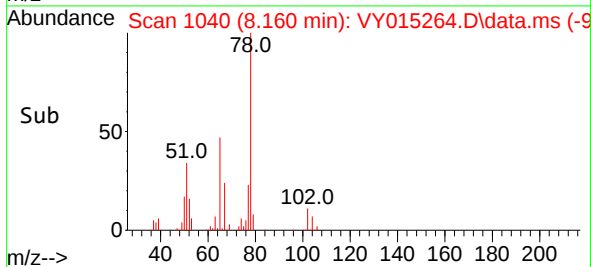
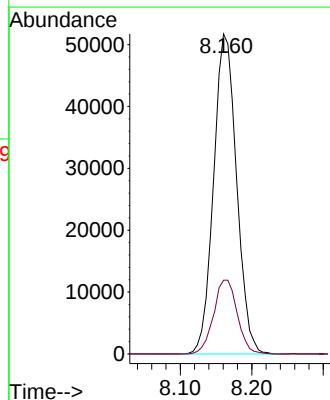
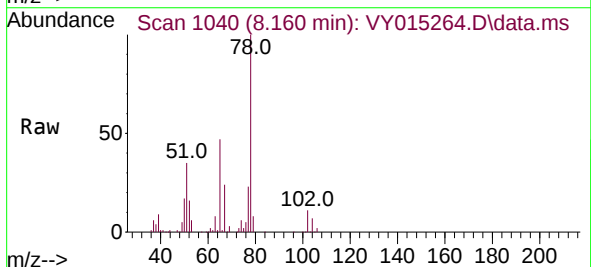
Acq: 22 Aug 2023 23:27

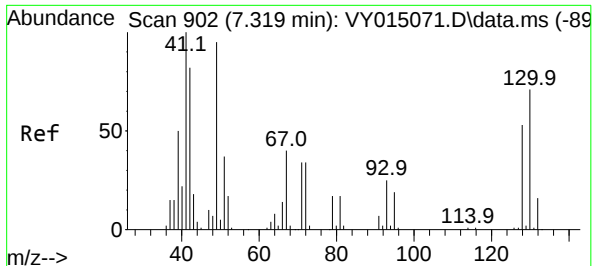
Tgt Ion: 78 Resp: 115371

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

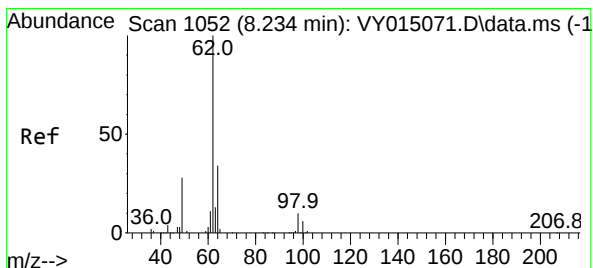
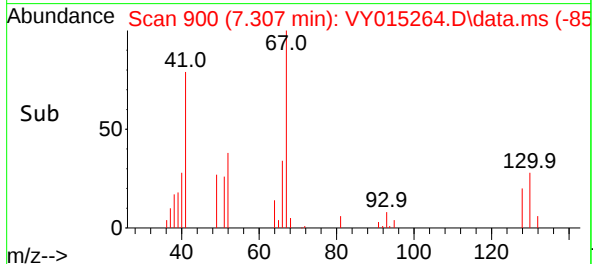
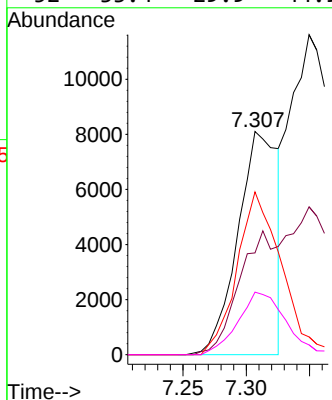
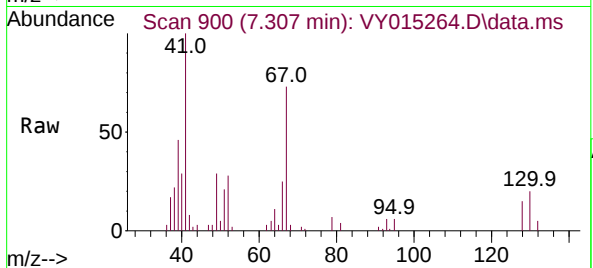




#41
Methacrylonitrile
Concen: 20.431 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

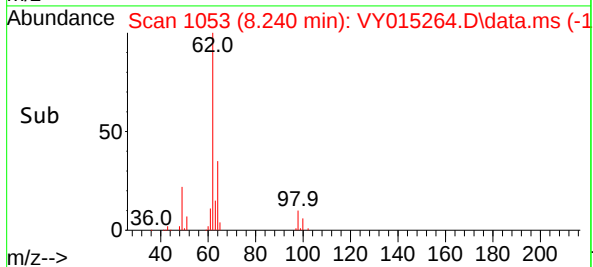
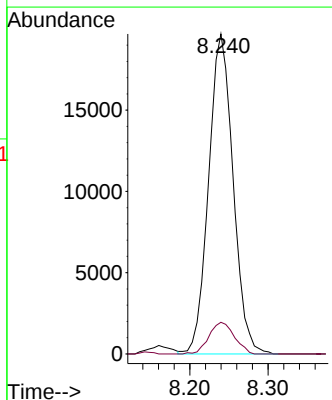
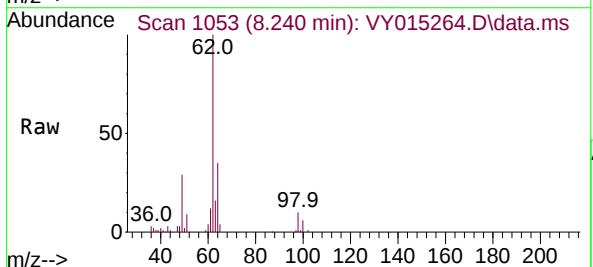
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

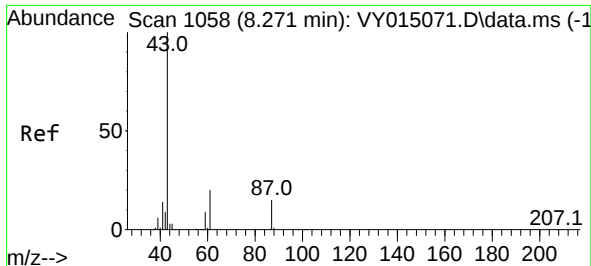
Tgt Ion:	41	Resp:	17786
Ion	Ratio	Lower	Upper
41	100		
39	45.2	52.1	78.1#
67	81.6	66.2	99.2
52	33.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 21.494 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:	62	Resp:	42743
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	15.8

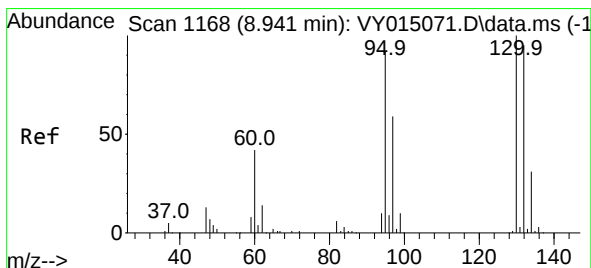
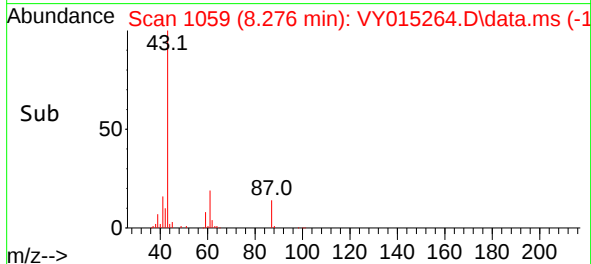
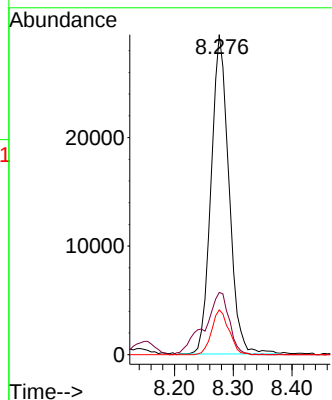
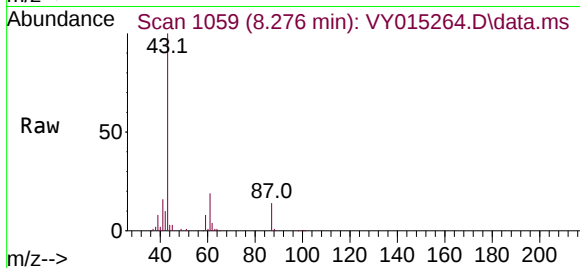




#43
Isopropyl Acetate
Concen: 20.150 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

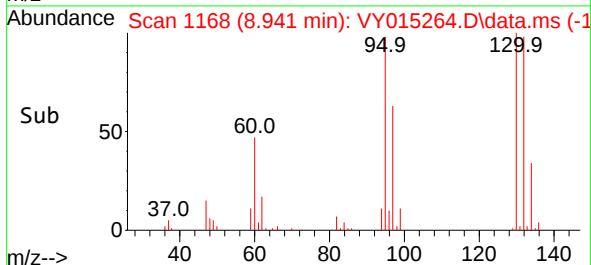
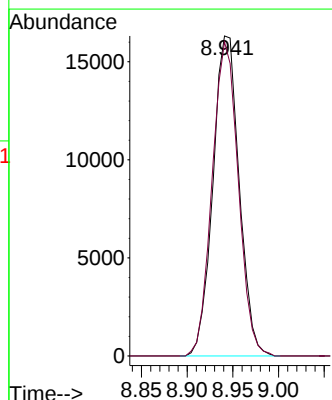
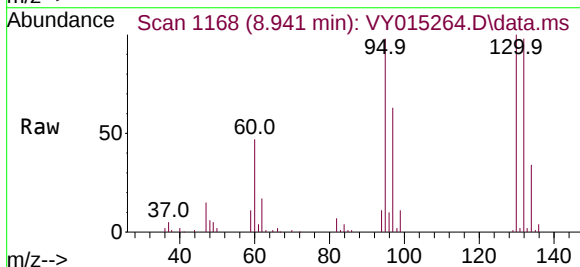
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

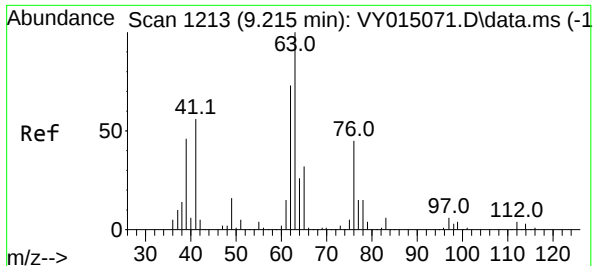
Tgt Ion: 43 Resp: 61946
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 20.675 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:130 Resp: 32615
Ion Ratio Lower Upper
130 100
95 98.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.459 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

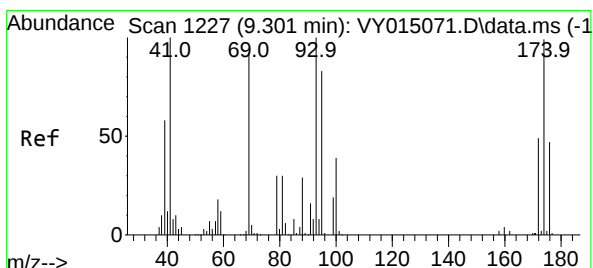
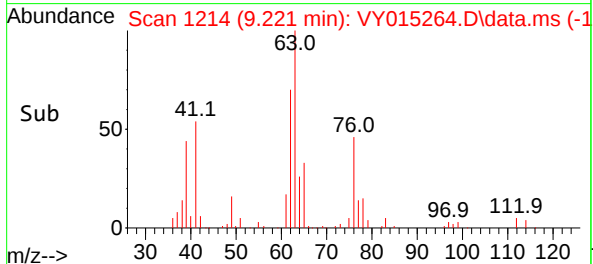
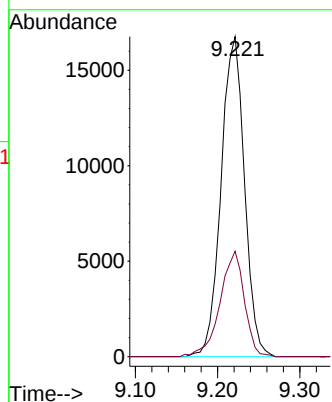
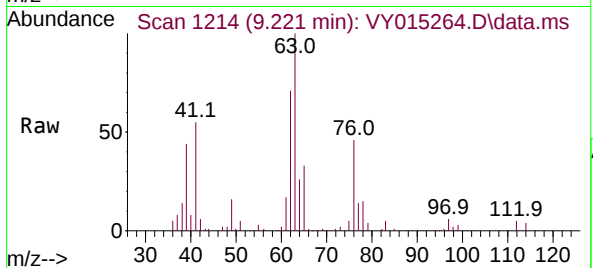
VY0822SBS02

Tgt Ion: 63 Resp: 33134

Ion Ratio Lower Upper

63 100

65 33.0 23.8 35.6



#46

Dibromomethane

Concen: 21.186 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

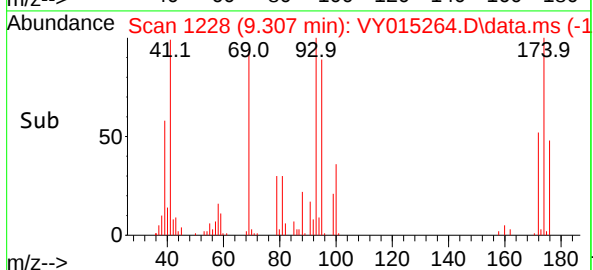
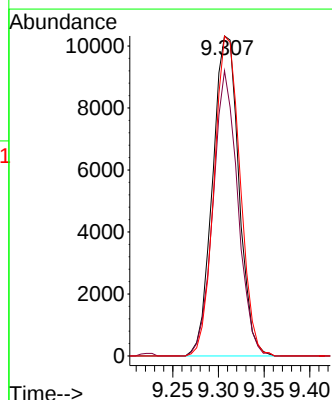
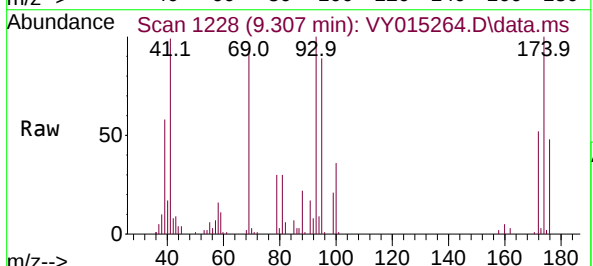
Tgt Ion: 93 Resp: 20632

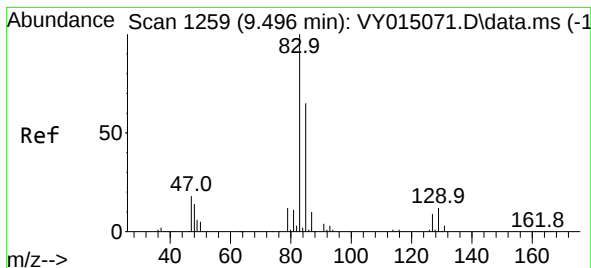
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 98.6 84.8 127.2





#47

Bromodichloromethane

Concen: 21.171 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

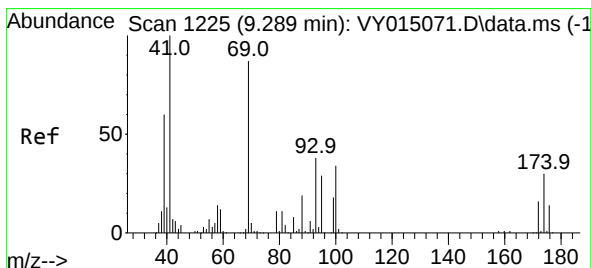
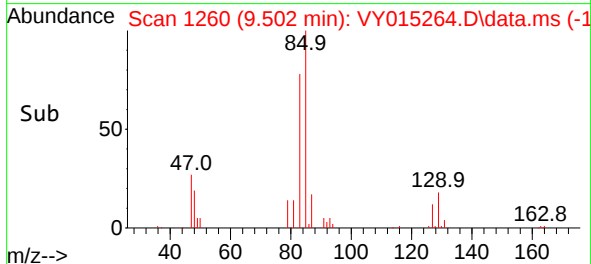
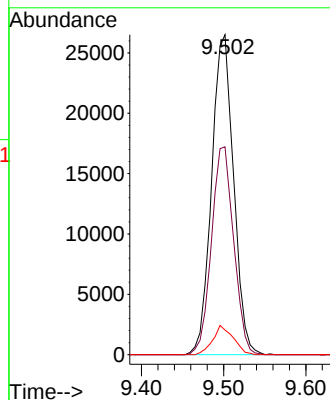
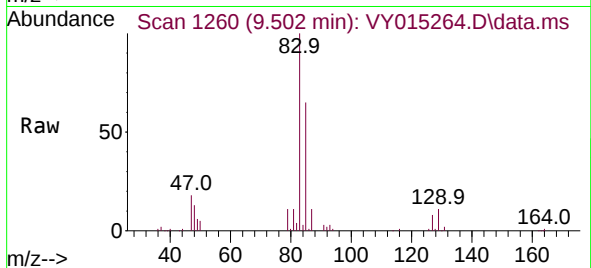
Tgt Ion: 83 Resp: 49199

Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 7.7 7.1 10.7



#48

Methyl methacrylate

Concen: 21.423 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

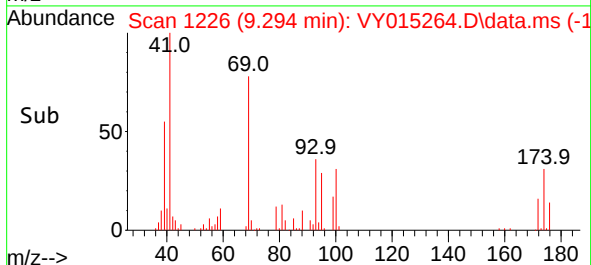
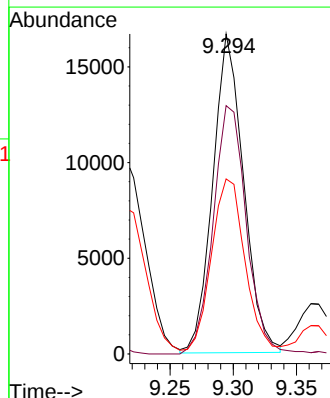
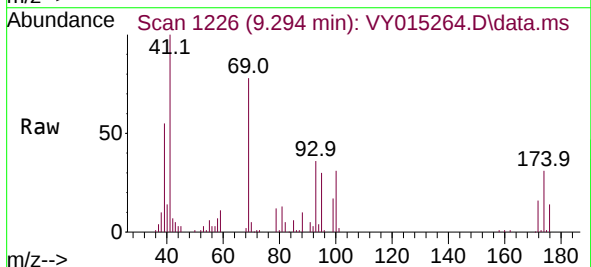
Tgt Ion: 41 Resp: 28174

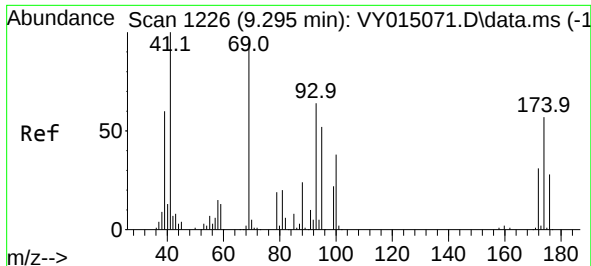
Ion Ratio Lower Upper

41 100

69 84.3 64.5 96.7

39 61.0 50.8 76.2





#49

1,4-Dioxane

Concen: 393.556 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

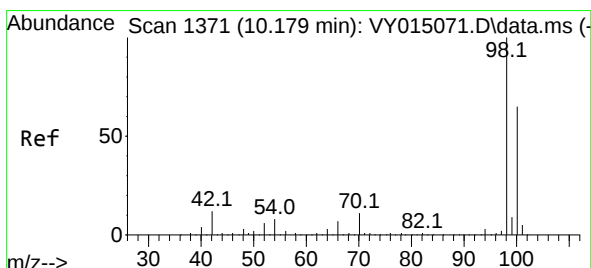
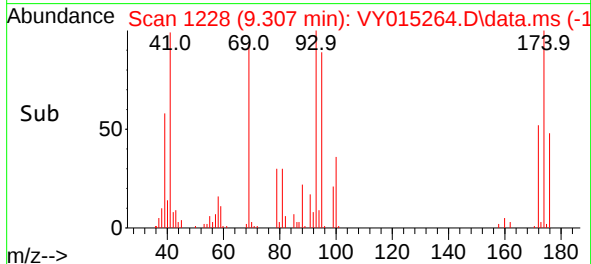
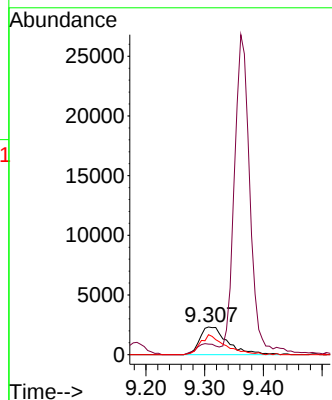
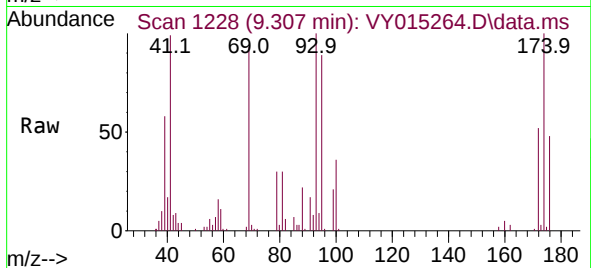
Tgt Ion: 88 Resp: 7664

Ion Ratio Lower Upper

88 100

43 29.5 0.0 0.0#

58 63.9 30.9 46.3#



#50

Toluene-d8

Concen: 54.051 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015264.D

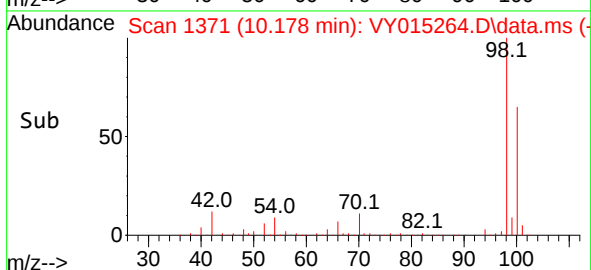
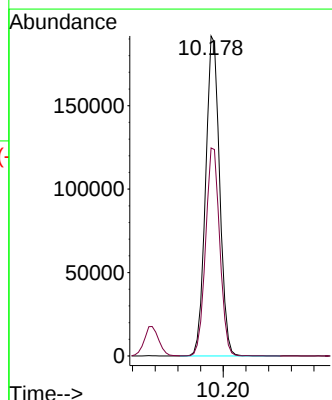
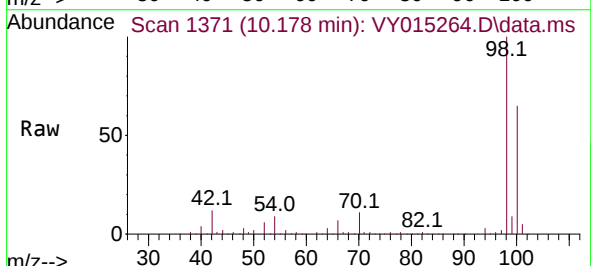
Acq: 22 Aug 2023 23:27

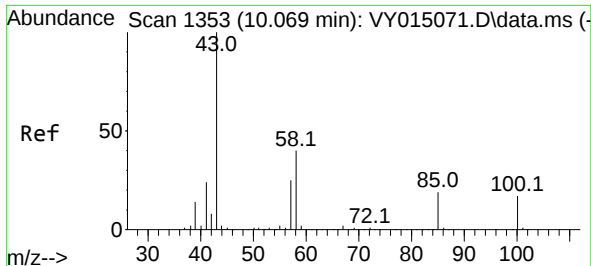
Tgt Ion: 98 Resp: 329394

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

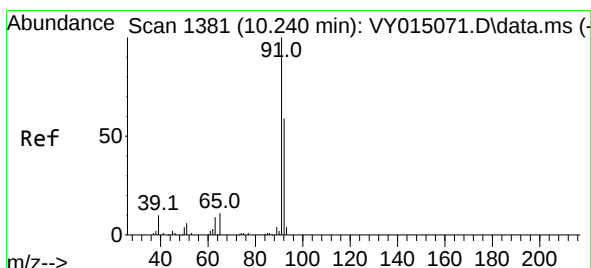
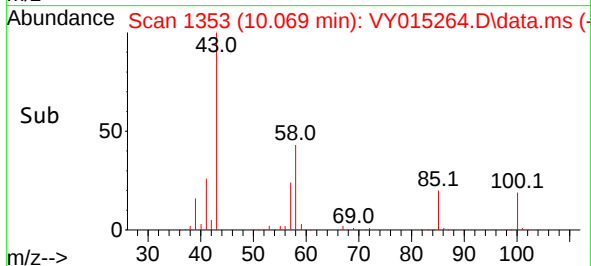
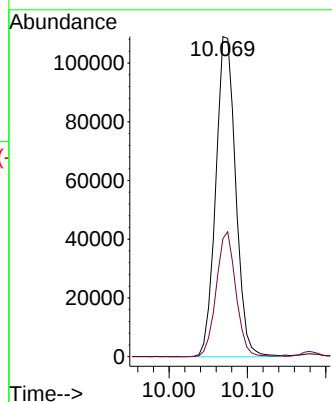
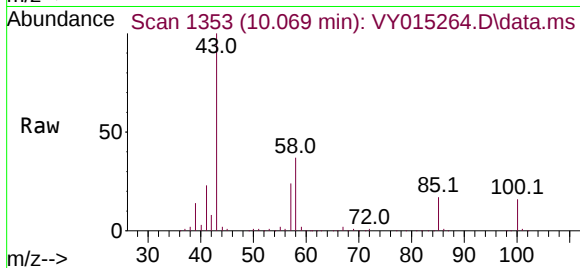




#51
4-Methyl-2-Pentanone
Concen: 108.067 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

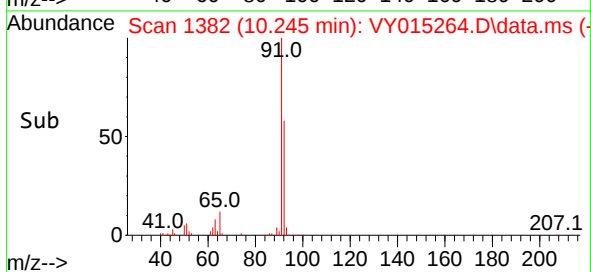
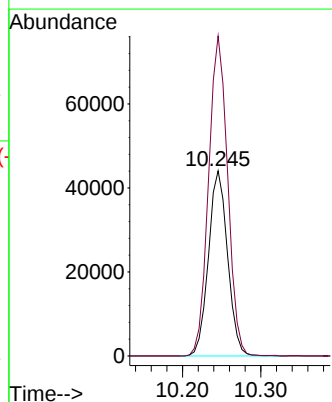
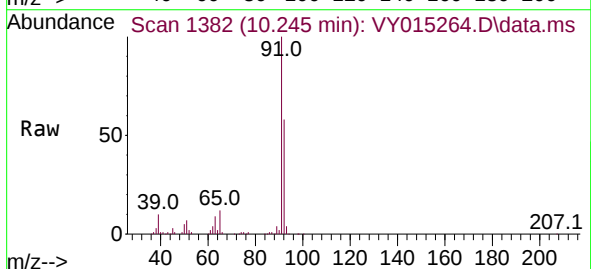
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

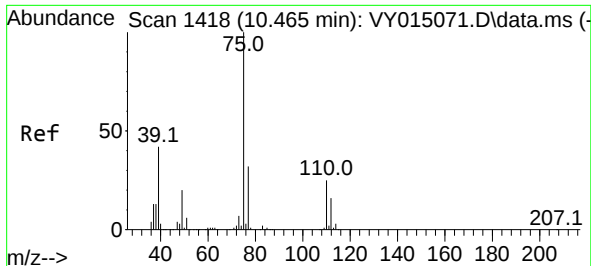
Tgt Ion: 43 Resp: 192548
Ion Ratio Lower Upper
43 100
58 38.5 29.0 43.6



#52
Toluene
Concen: 20.665 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 92 Resp: 74582
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6

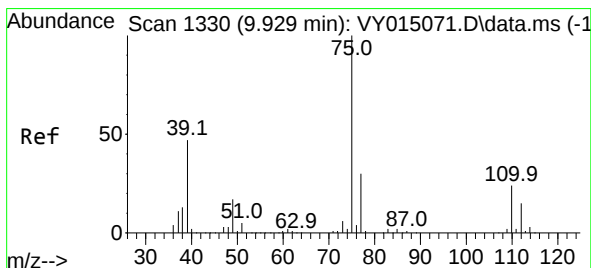
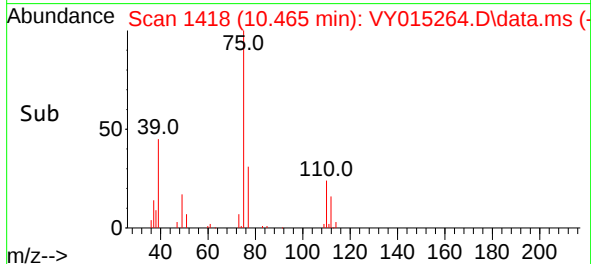
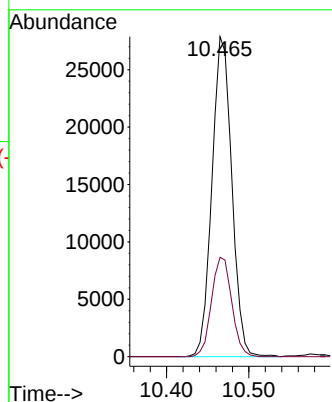
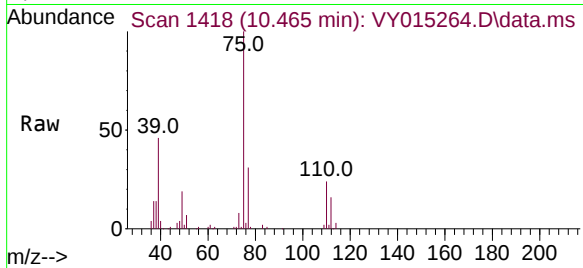




#53
t-1,3-Dichloropropene
Concen: 19.159 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

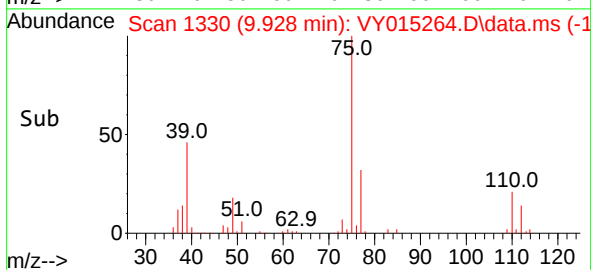
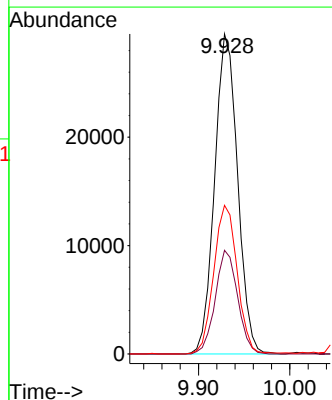
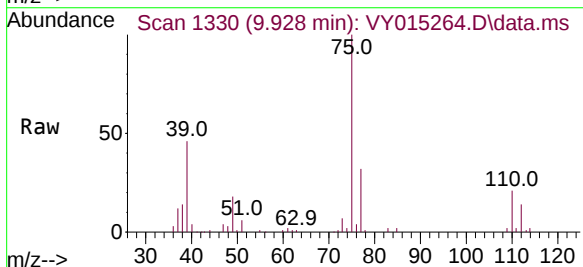
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

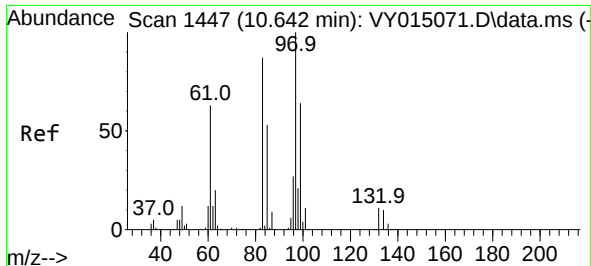
Tgt Ion: 75 Resp: 46792
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.087 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 75 Resp: 51664
Ion Ratio Lower Upper
75 100
77 32.4 24.2 36.4
39 46.5 42.2 63.4

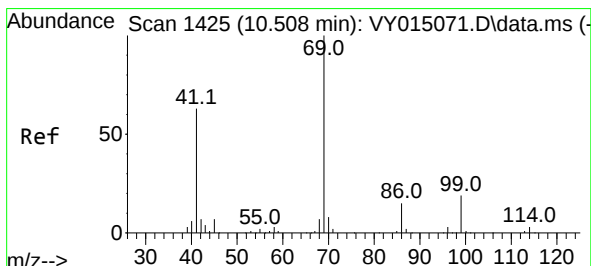
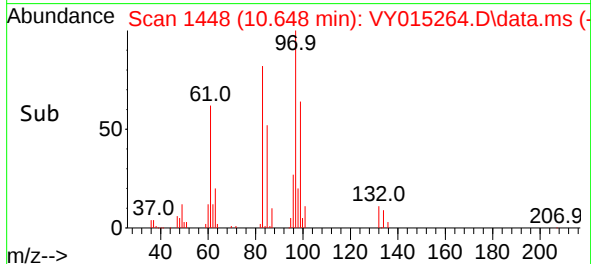
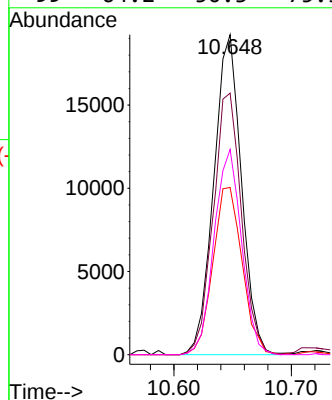
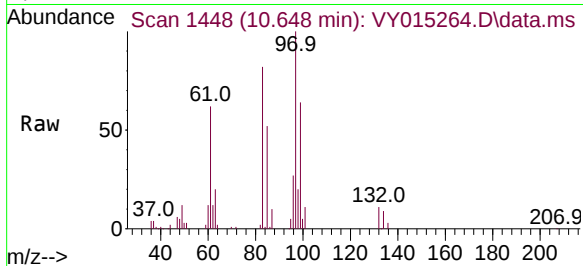




#55
1,1,2-Trichloroethane
Concen: 21.301 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

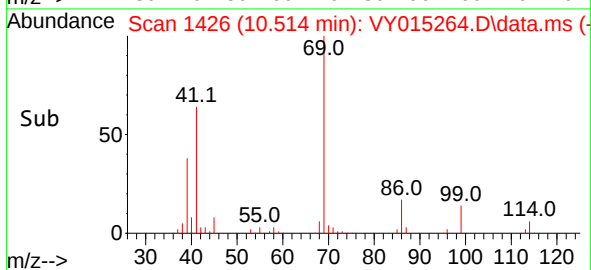
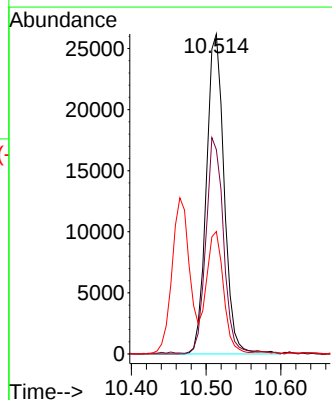
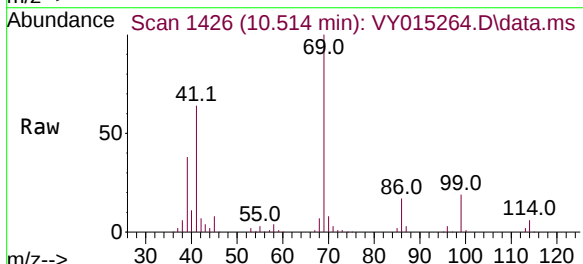
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

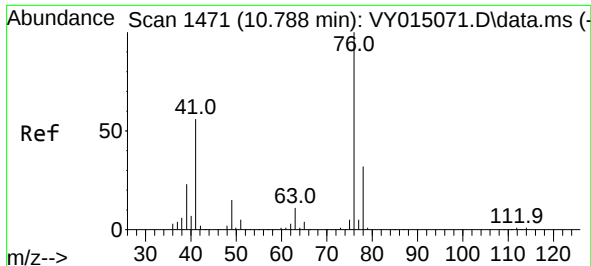
Tgt Ion:	97	Resp:	31541
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.0	108.0
85	52.3	45.4	68.0
99	64.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.897 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:	69	Resp:	43118
Ion	Ratio	Lower	Upper
69	100		
41	67.6	57.6	86.4
39	36.4	34.1	51.1

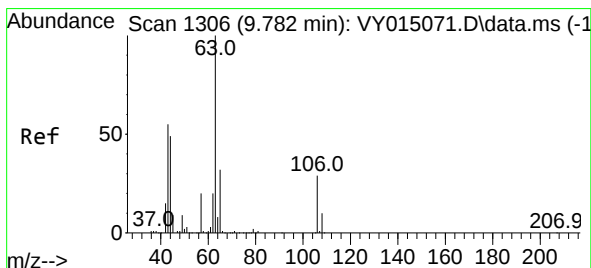
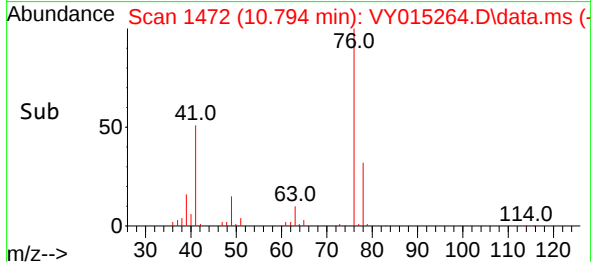
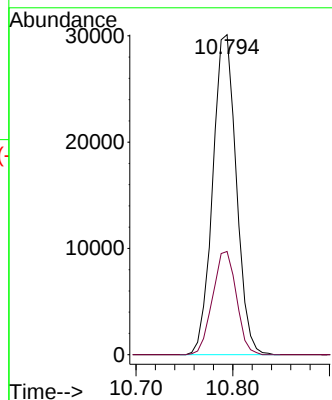
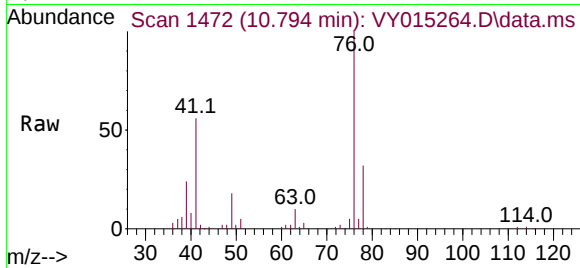




#57
1,3-Dichloropropane
Concen: 21.040 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

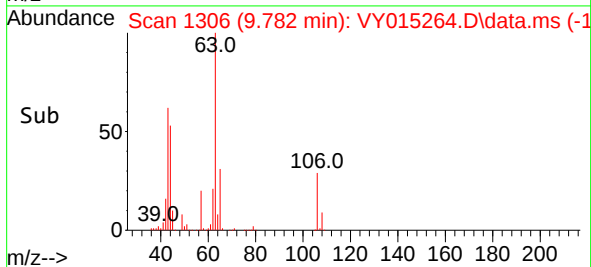
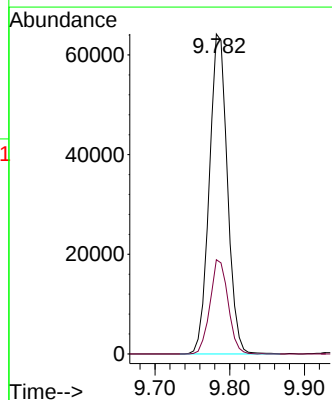
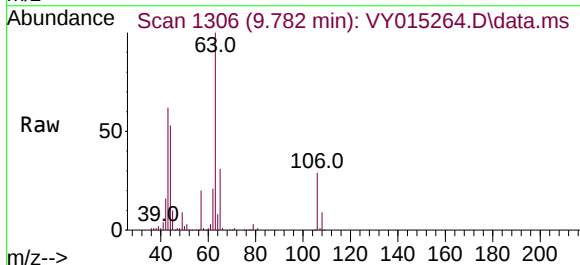
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

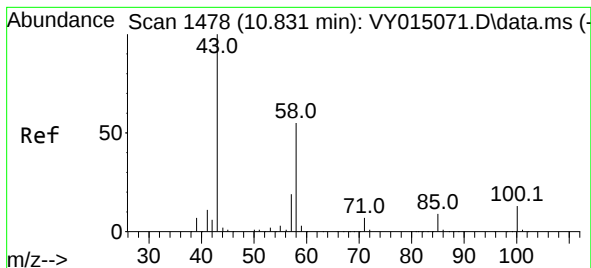
Tgt Ion: 76 Resp: 50901
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 107.154 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 63 Resp: 108066
Ion Ratio Lower Upper
63 100
106 29.2 21.2 31.8

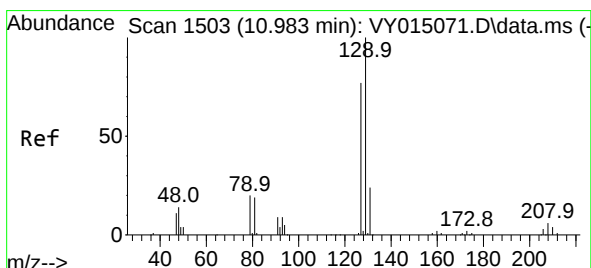
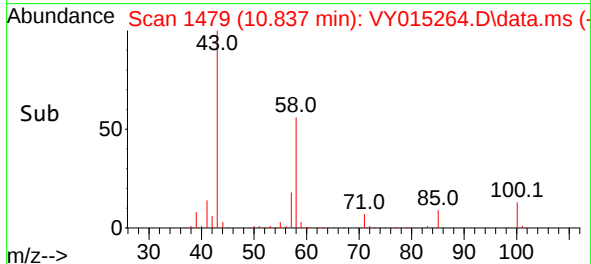
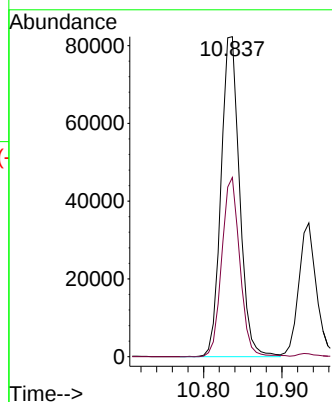
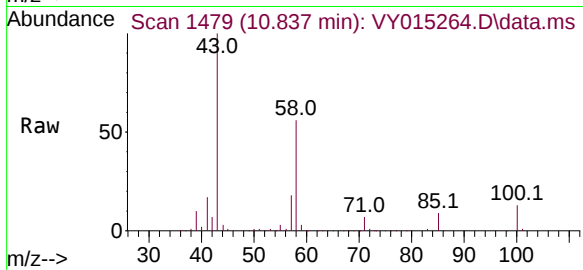




#59
2-Hexanone
Concen: 102.883 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

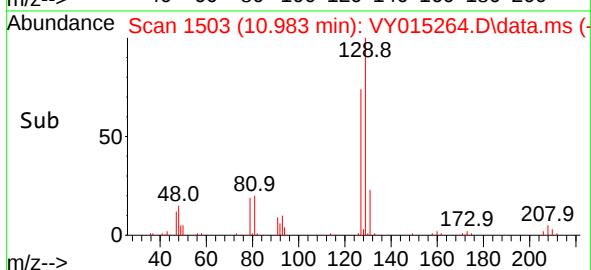
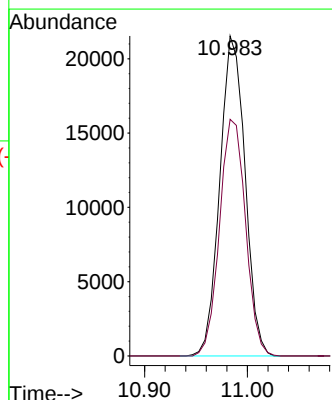
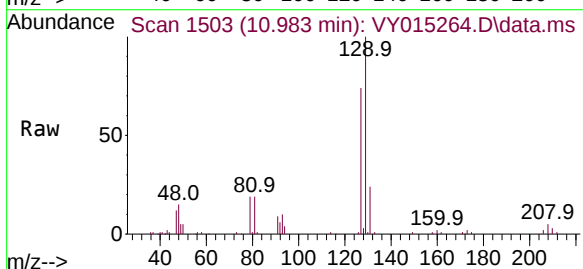
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

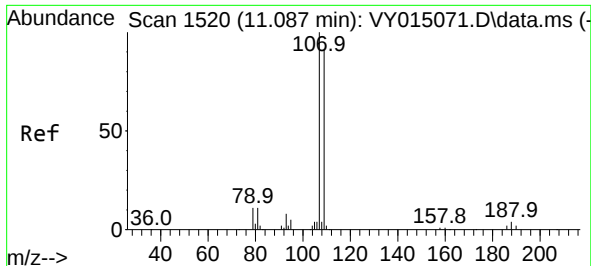
Tgt Ion: 43 Resp: 135670
Ion Ratio Lower Upper
43 100
58 54.5 25.1 75.3



#60
Dibromochloromethane
Concen: 20.754 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 129 Resp: 36659
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

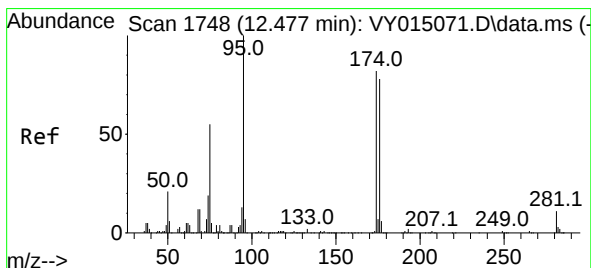
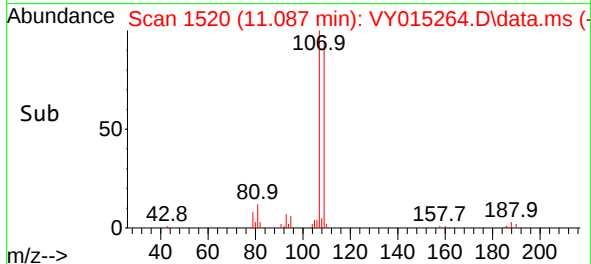
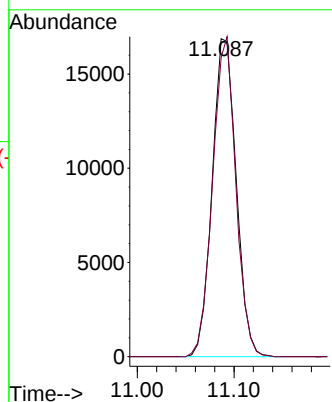
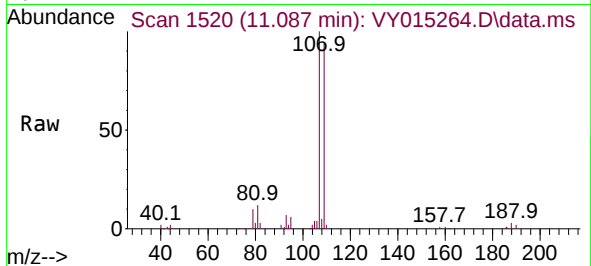




#61
1,2-Dibromoethane
Concen: 20.681 ug/l
RT: 11.087 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

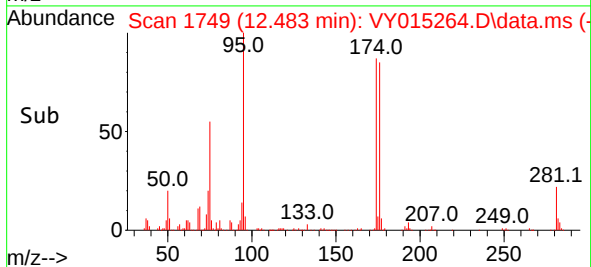
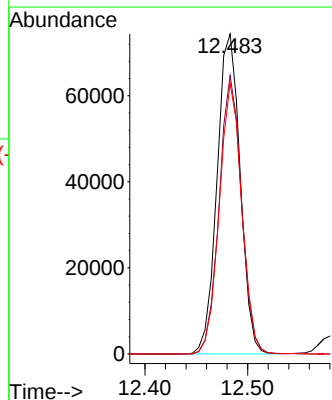
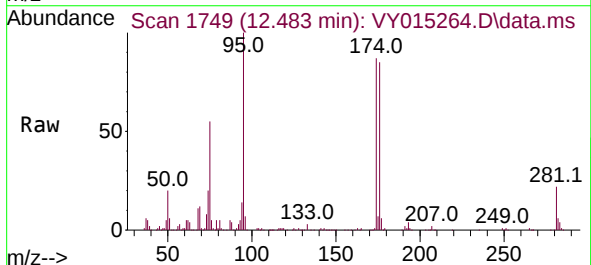
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

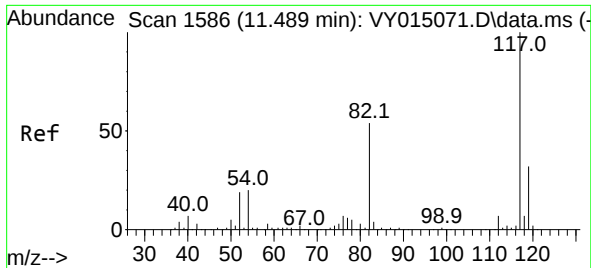
Tgt Ion:107 Resp: 29091
Ion Ratio Lower Upper
107 100
109 97.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.092 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 95 Resp: 115950
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 82.1 0.0 173.8

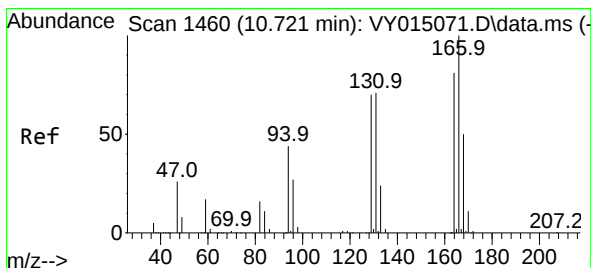
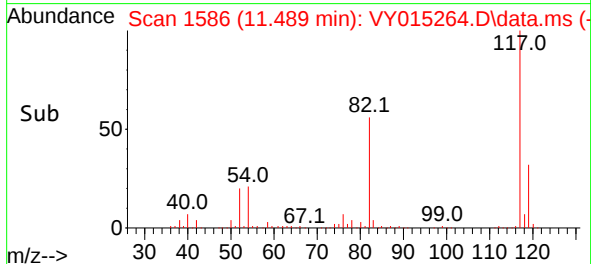
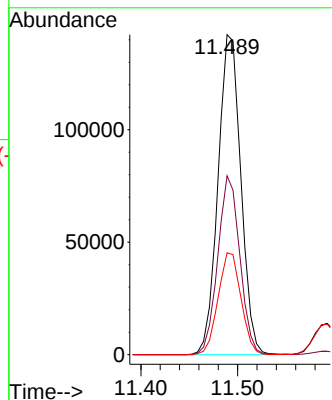
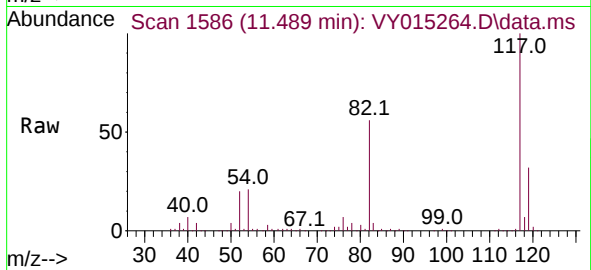




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

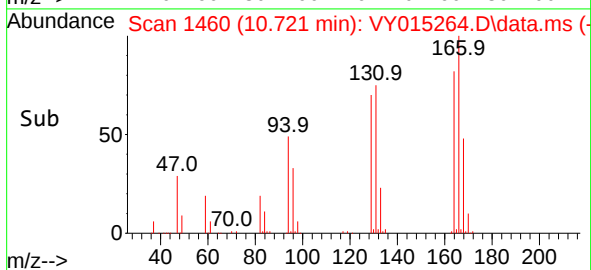
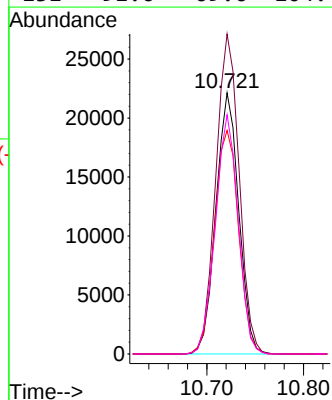
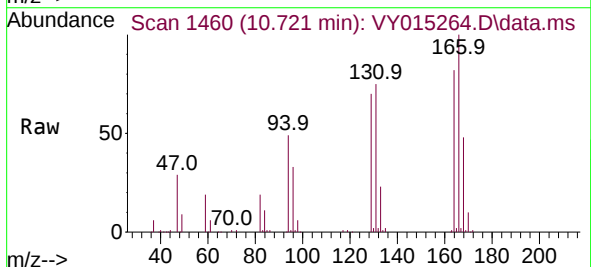
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

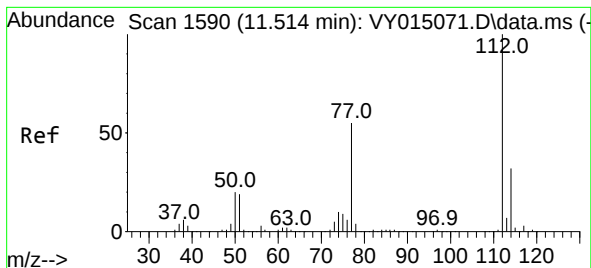
Tgt Ion:117 Resp: 233005
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 22.411 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:164 Resp: 36380
Ion Ratio Lower Upper
164 100
166 122.6 103.0 154.6
129 85.6 77.2 115.8
131 91.6 69.6 104.4





#65

Chlorobenzene

Concen: 20.743 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

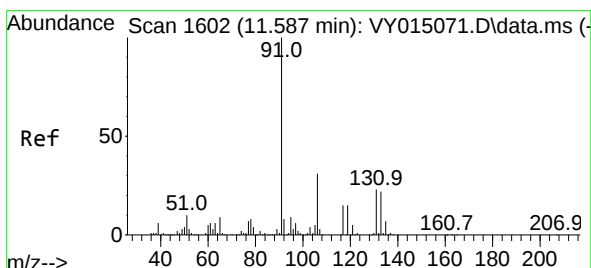
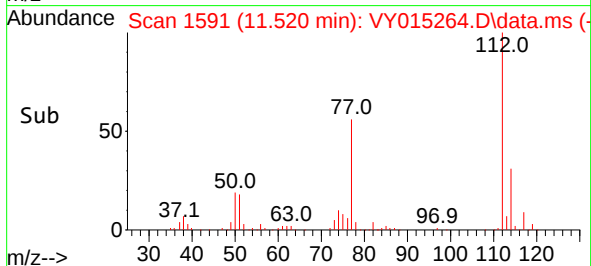
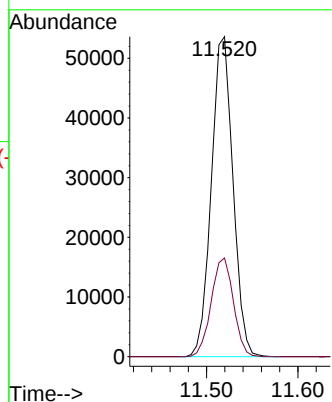
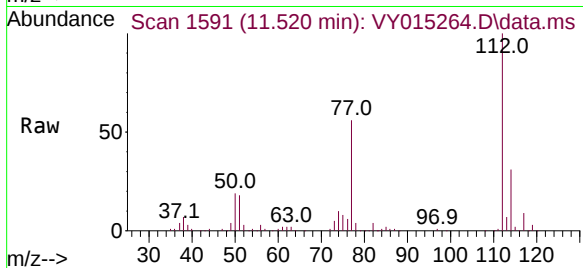
VY0822SBS02

Tgt Ion:112 Resp: 88062

Ion Ratio Lower Upper

112 100

114 30.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.429 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

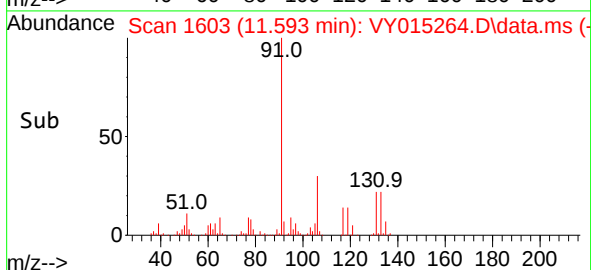
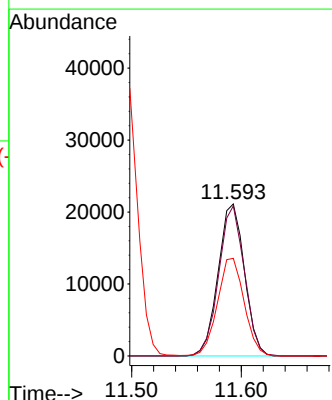
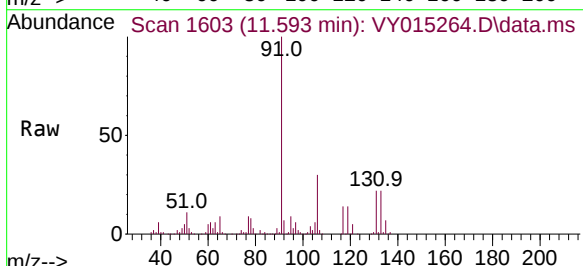
Tgt Ion:131 Resp: 35190

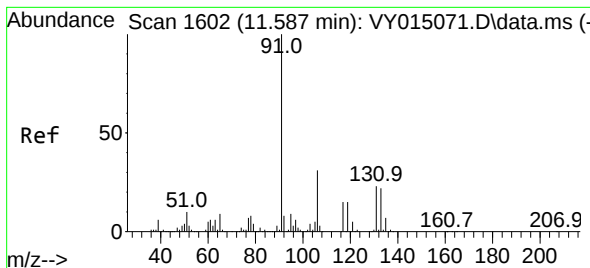
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 65.4 31.6 94.7





#67

Ethyl Benzene

Concen: 20.290 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

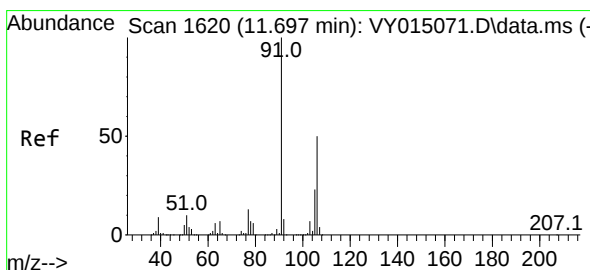
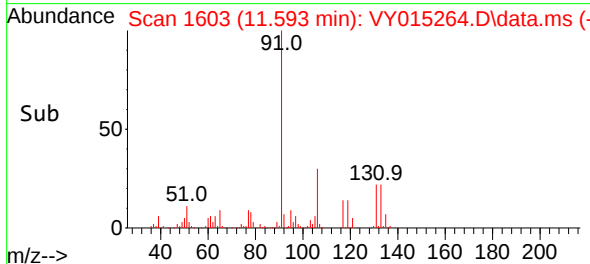
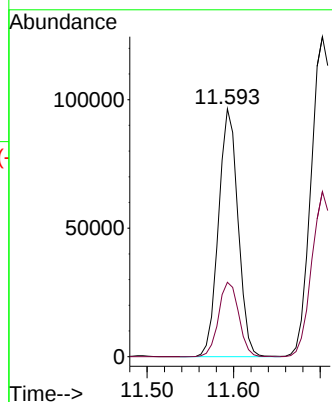
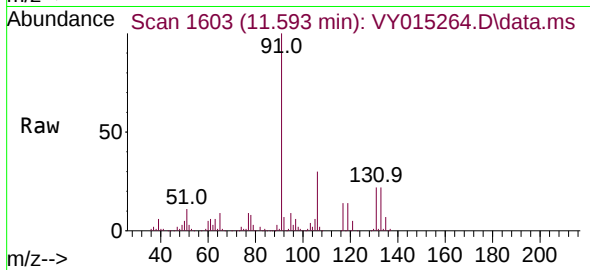
VY0822SBS02

Tgt Ion: 91 Resp: 150921

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.581 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015264.D

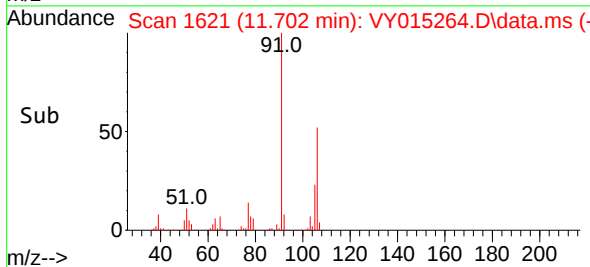
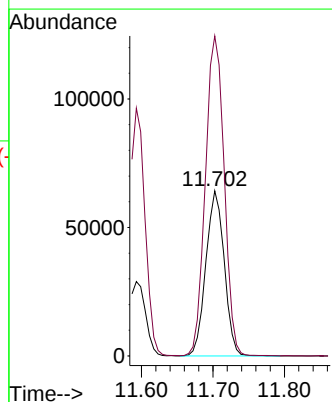
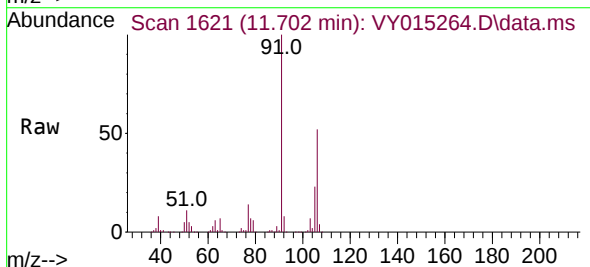
Acq: 22 Aug 2023 23:27

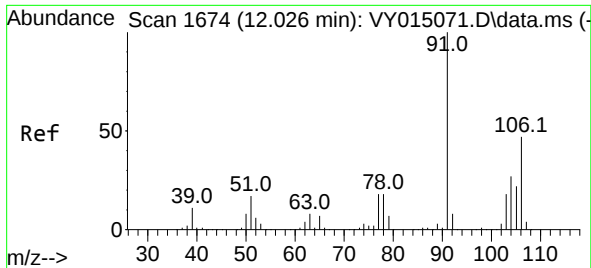
Tgt Ion:106 Resp: 114645

Ion Ratio Lower Upper

106 100

91 198.5 166.1 249.1

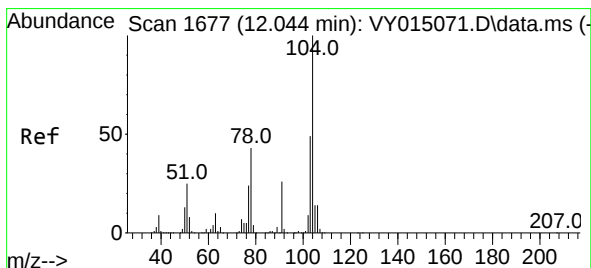
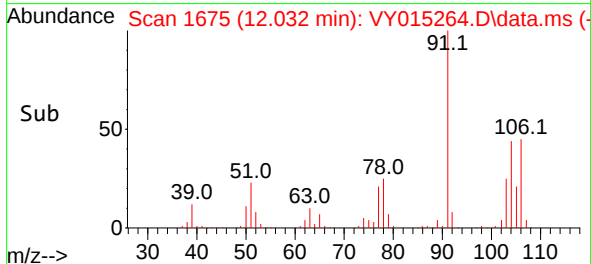
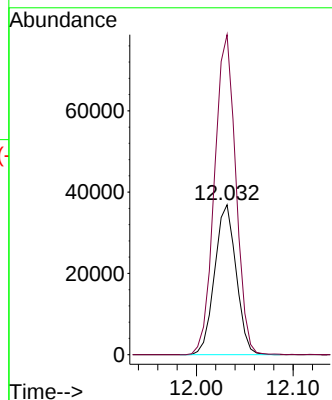
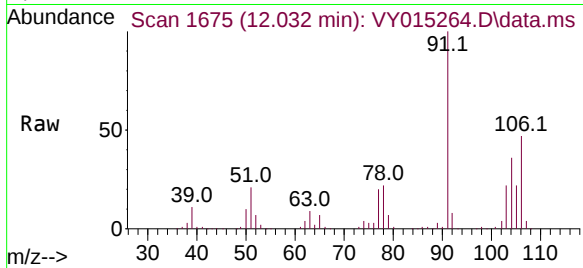




#69
o-Xylene
Concen: 20.210 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

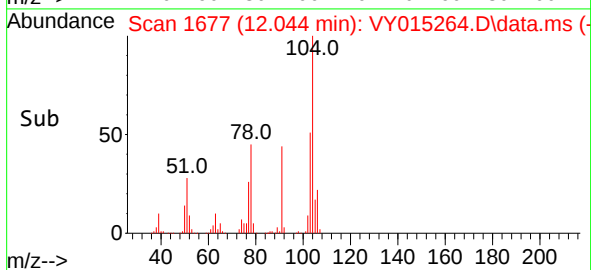
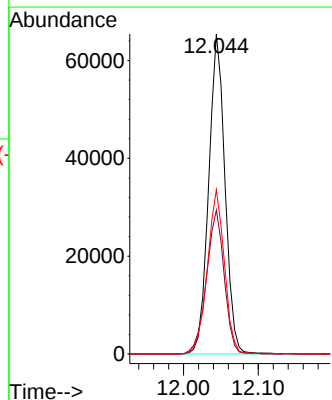
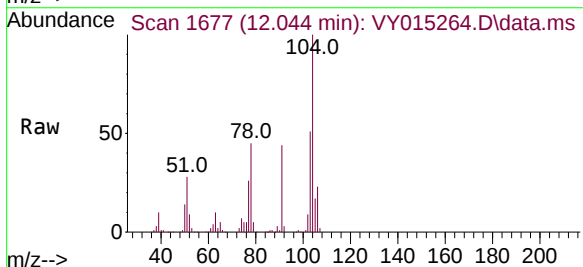
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

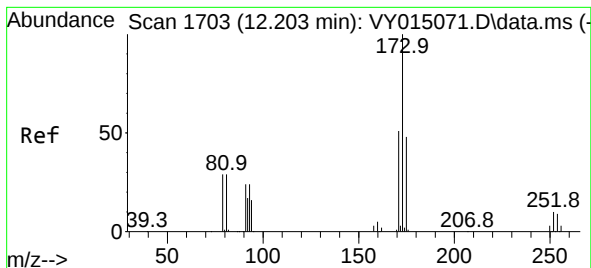
Tgt Ion:106 Resp: 56878
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.3



#70
Styrene
Concen: 20.356 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:104 Resp: 99154
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 19.138 ug/l

RT: 12.208 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

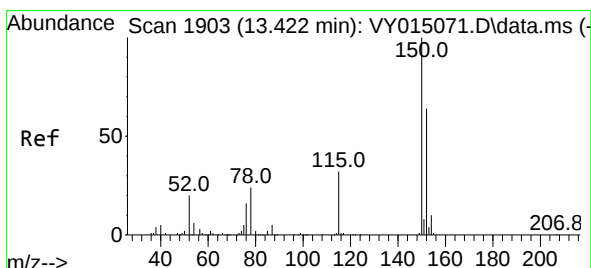
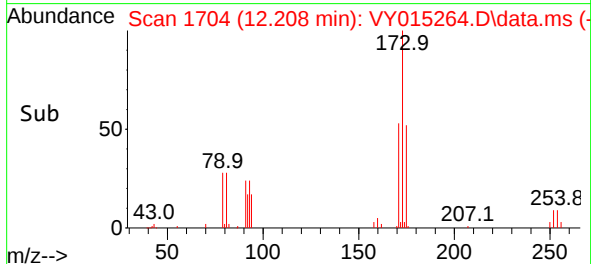
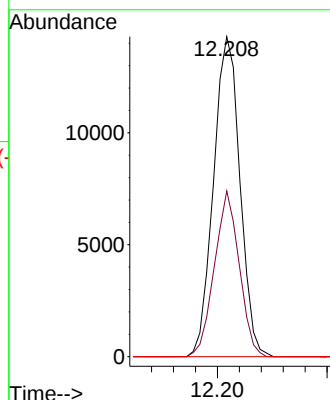
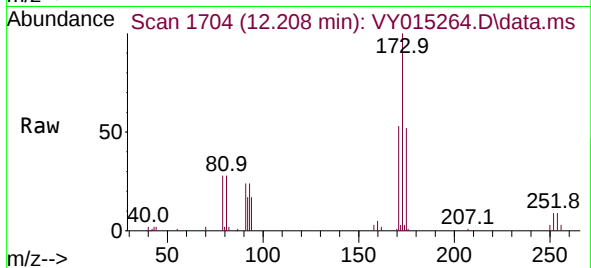
Tgt Ion:173 Resp: 23898

Ion Ratio Lower Upper

173 100

175 48.6 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# 1904

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

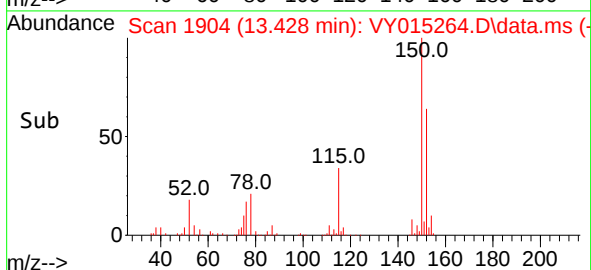
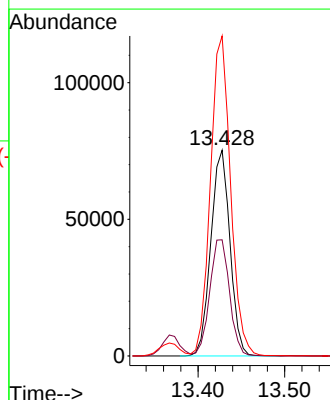
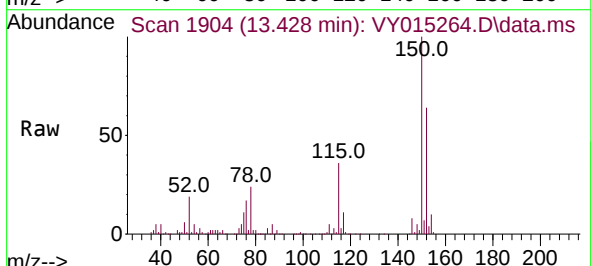
Tgt Ion:152 Resp: 115547

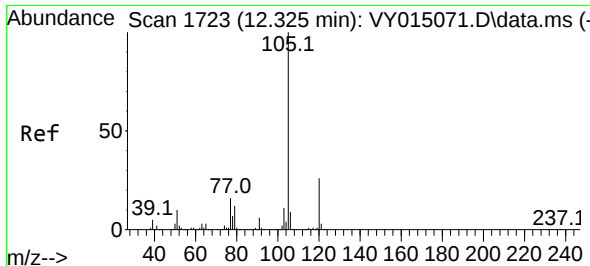
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 163.7 0.0 348.8

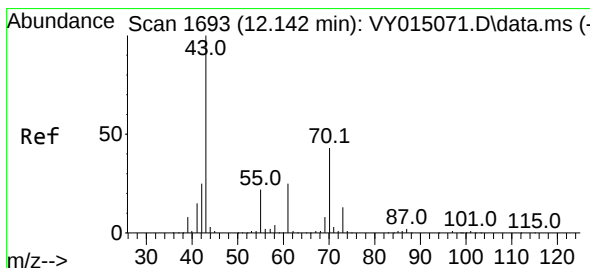
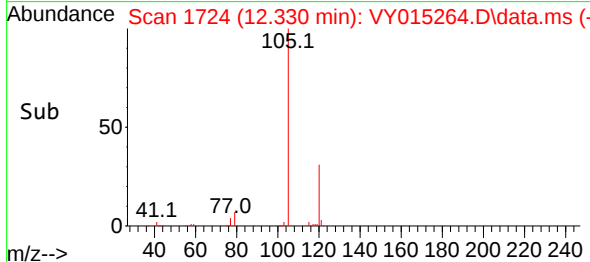
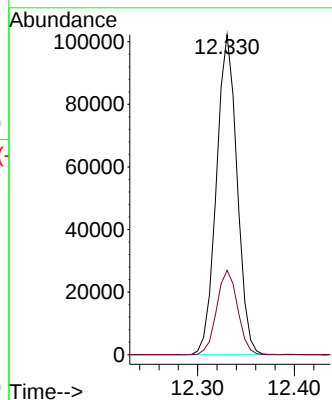
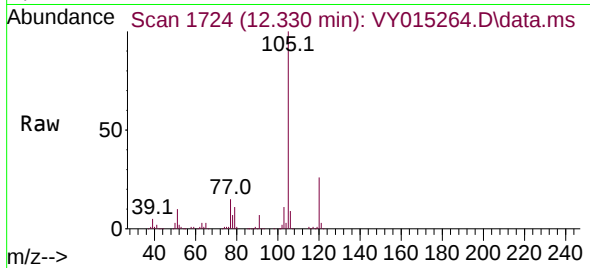




#73
Isopropylbenzene
Concen: 20.382 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

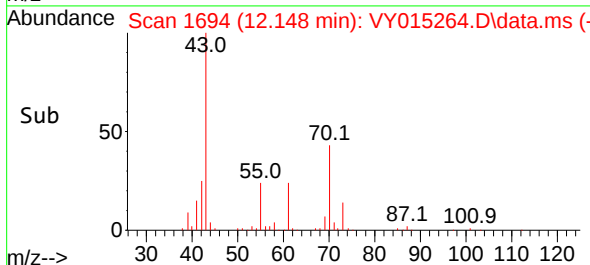
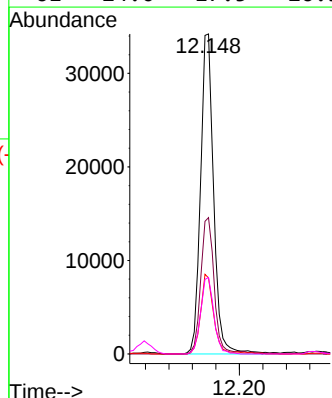
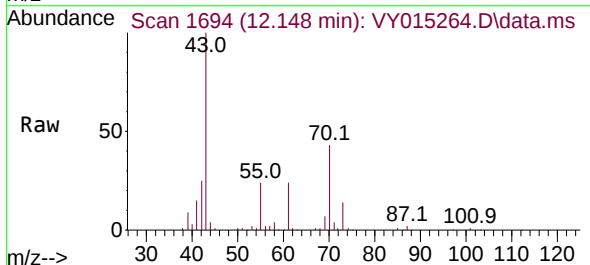
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

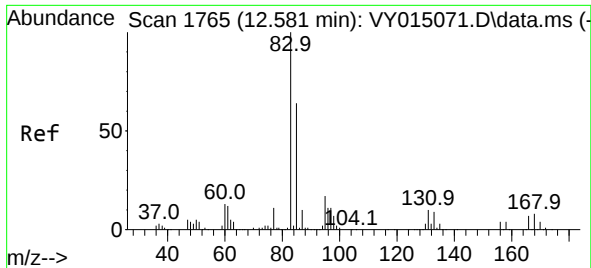
Tgt Ion:105 Resp: 151436
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 19.878 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 43 Resp: 53326
Ion Ratio Lower Upper
43 100
70 43.0 29.7 44.5
55 24.9 18.3 27.5
61 24.0 17.5 26.3

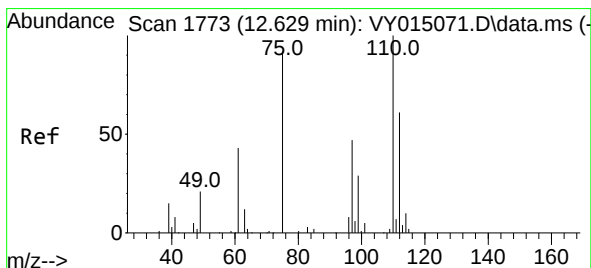
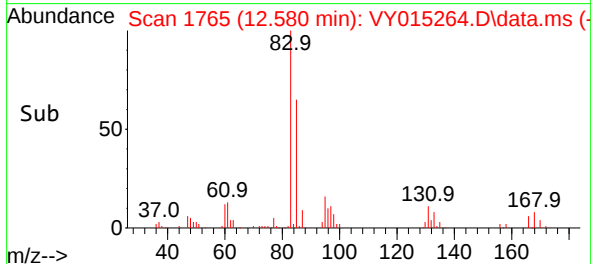
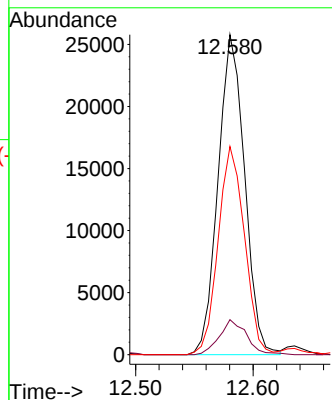
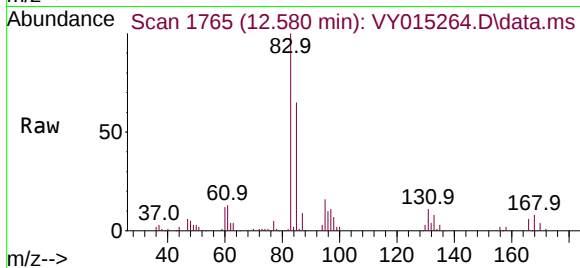




#75
1,1,2,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

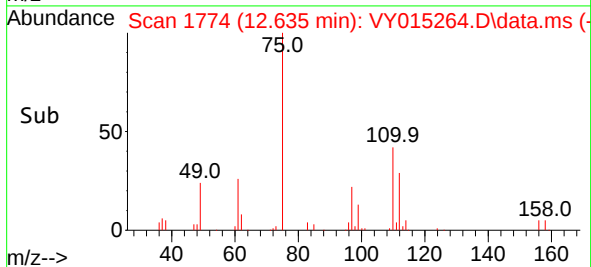
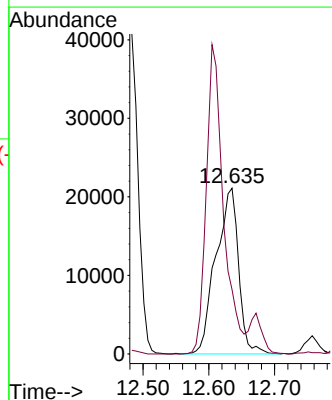
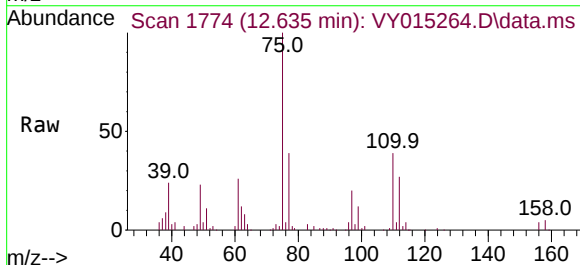
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

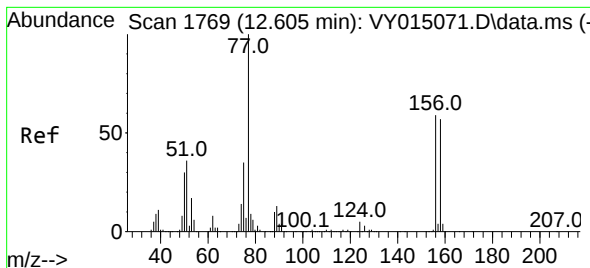
Tgt Ion: 83 Resp: 40544
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 36.217 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 75 Resp: 50842
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.902 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

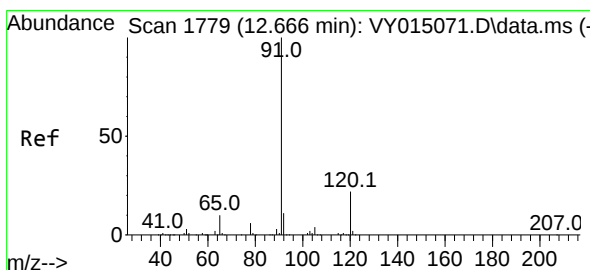
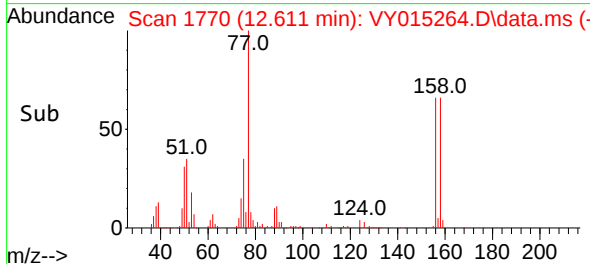
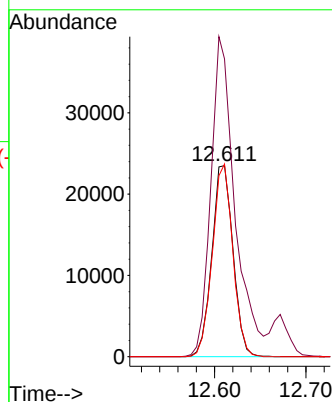
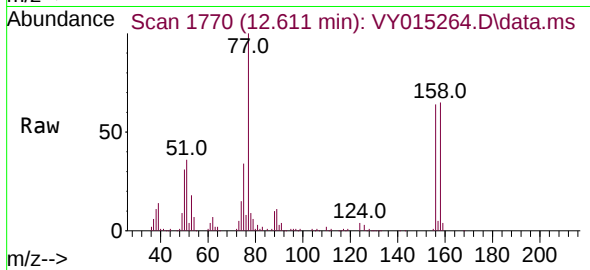
Tgt Ion:156 Resp: 37855

Ion Ratio Lower Upper

156 100

77 189.1 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.495 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015264.D

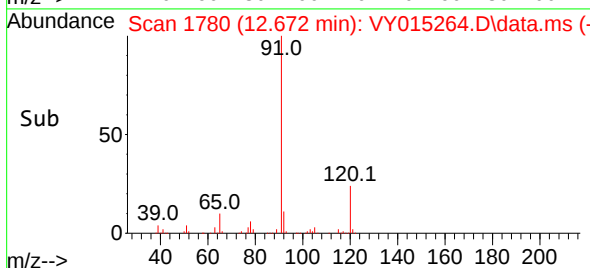
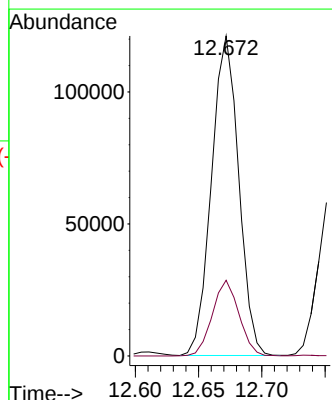
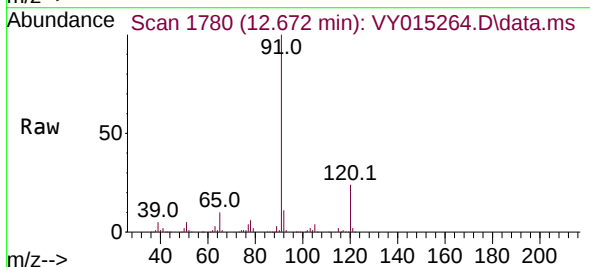
Acq: 22 Aug 2023 23:27

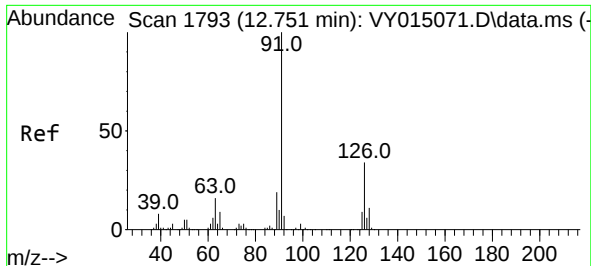
Tgt Ion: 91 Resp: 180830

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

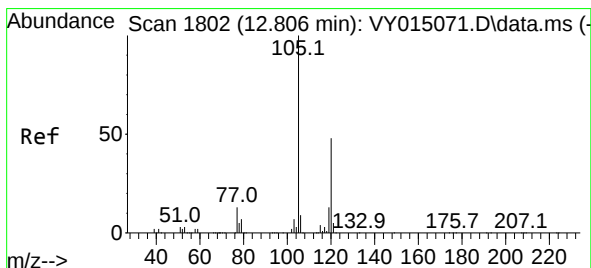
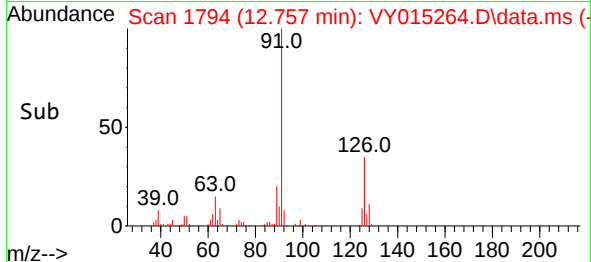
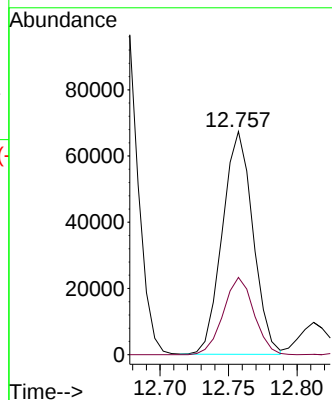
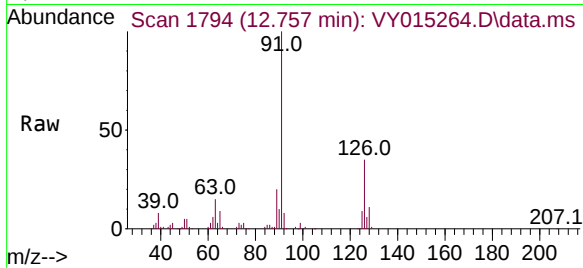




#79
2-Chlorotoluene
Concen: 20.563 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

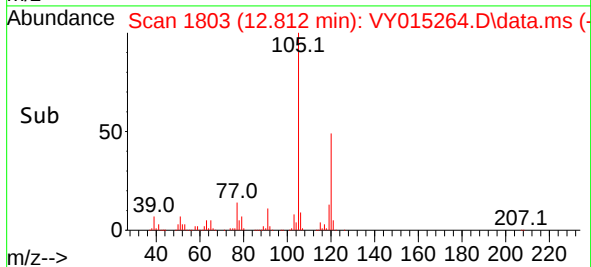
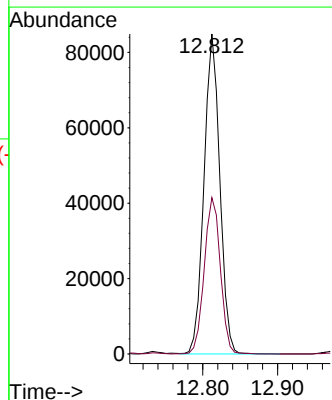
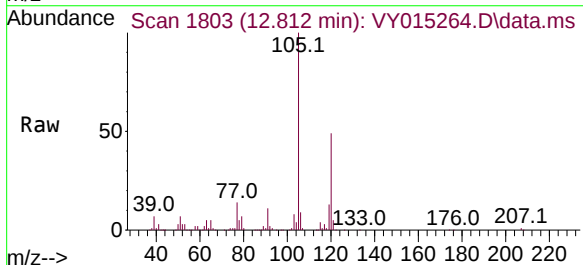
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

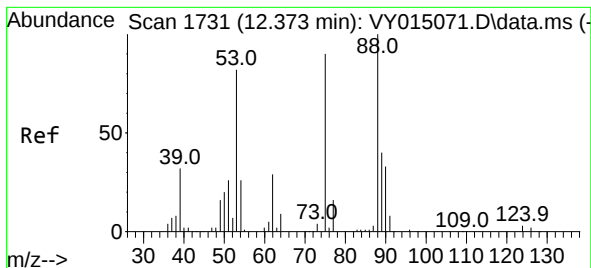
Tgt Ion: 91 Resp: 104664
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.136 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 105 Resp: 124709
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

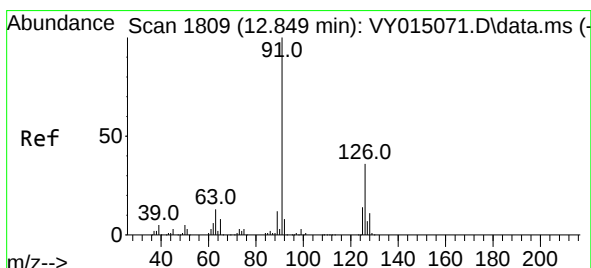
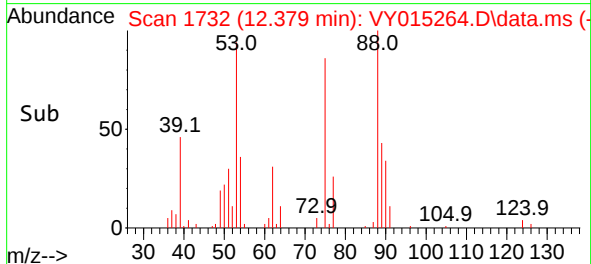
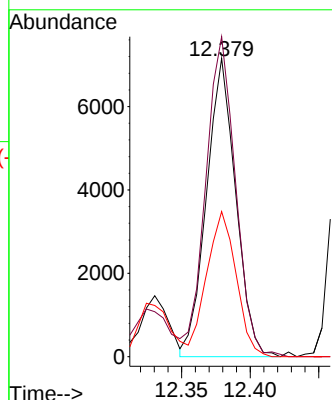
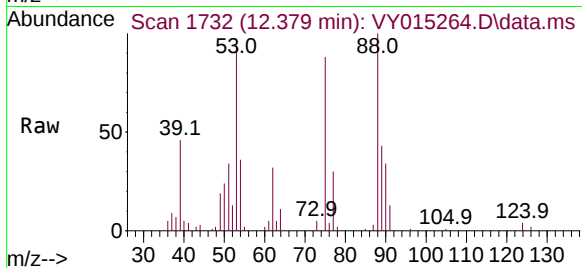




#81
trans-1,4-Dichloro-2-butene
Concen: 16.623 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

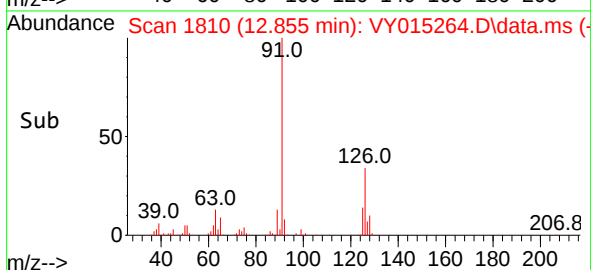
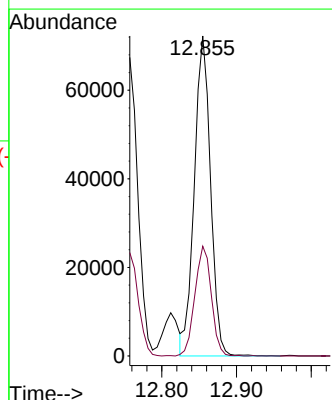
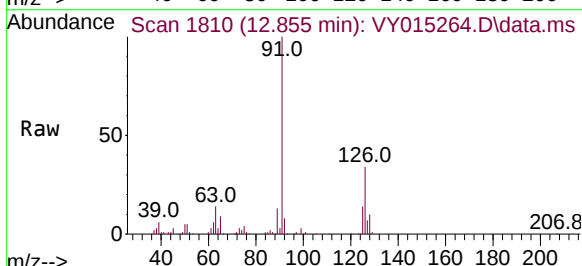
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

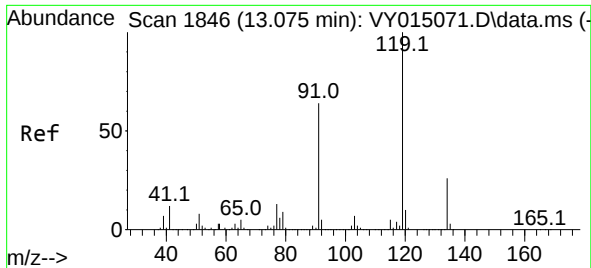
Tgt Ion: 75 Resp: 10624
Ion Ratio Lower Upper
75 100
53 108.9 77.8 116.8
89 48.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.685 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 91 Resp: 108773
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

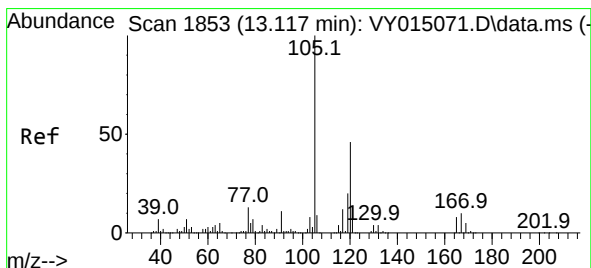
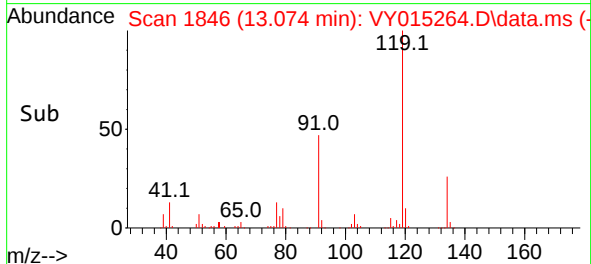
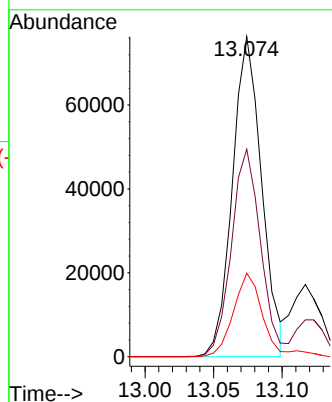
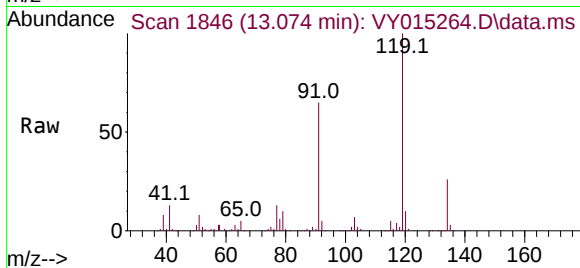




#83
tert-Butylbenzene
Concen: 20.039 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

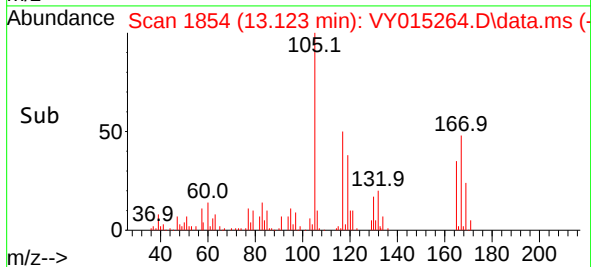
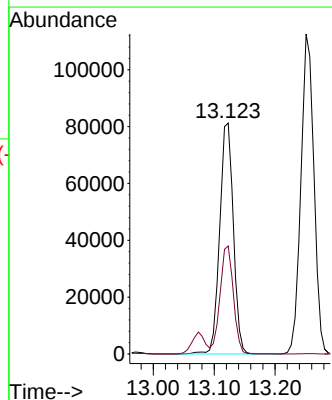
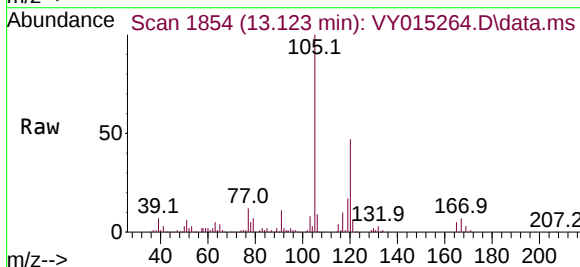
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

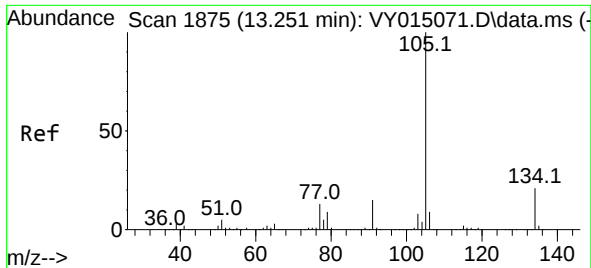
Tgt Ion:119 Resp: 113520
Ion Ratio Lower Upper
119 100
91 65.4 32.9 98.6
134 26.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.427 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion:105 Resp: 126417
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6

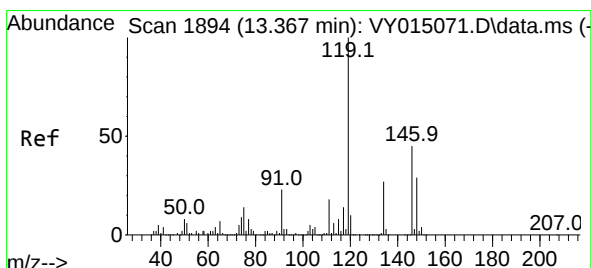
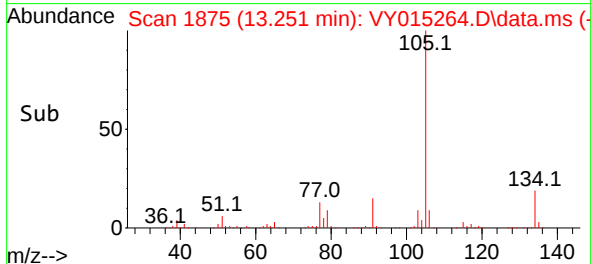
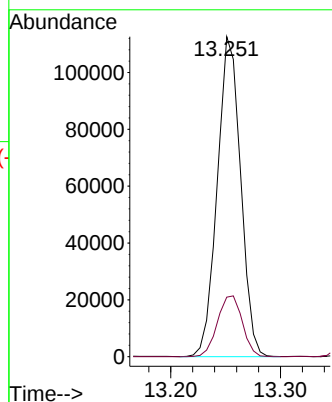
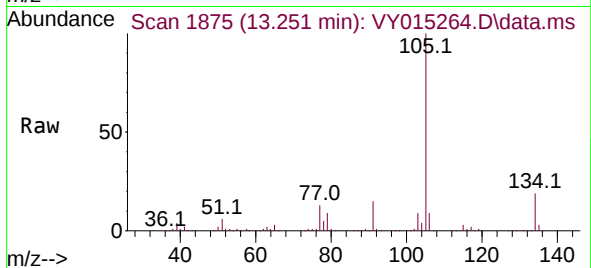




#85
 sec-Butylbenzene
 Concen: 20.107 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

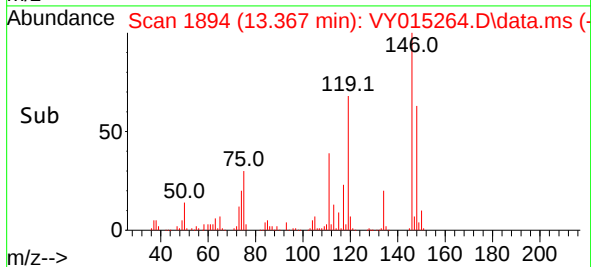
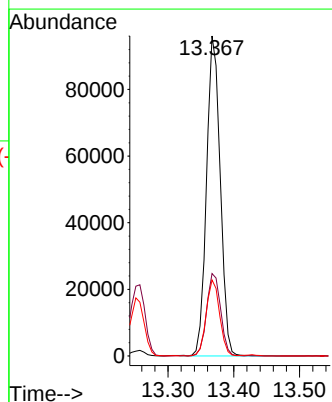
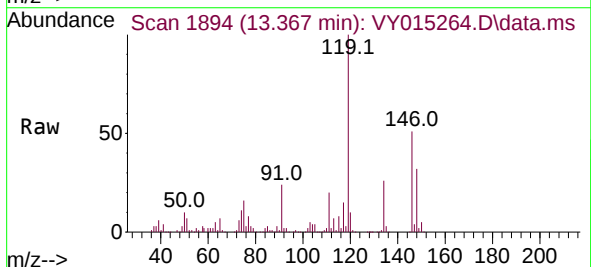
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBSD02

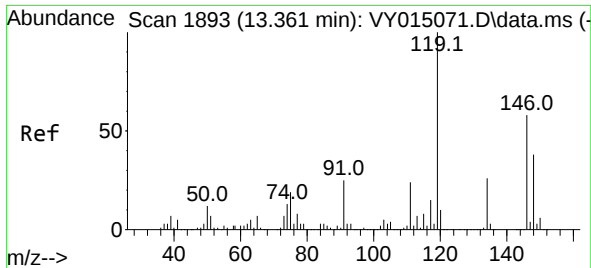
Tgt Ion:105 Resp: 166893
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.235 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

Tgt Ion:119 Resp: 139253
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.020 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

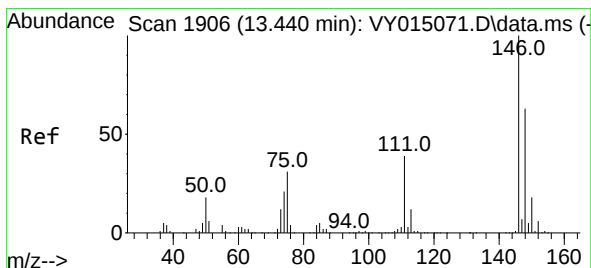
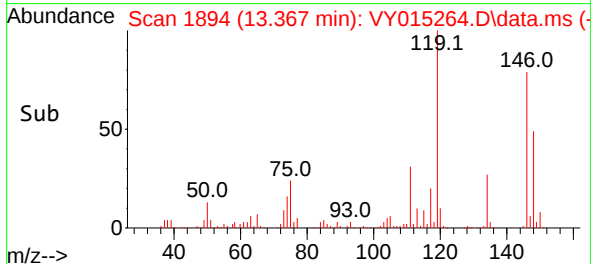
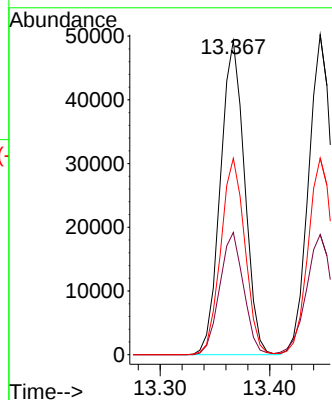
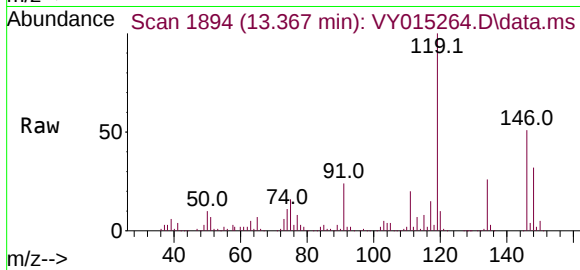
Tgt Ion:146 Resp: 75508

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 62.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.938 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

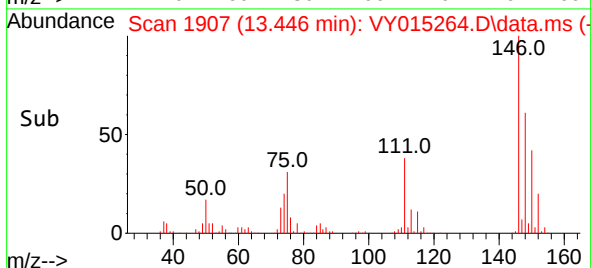
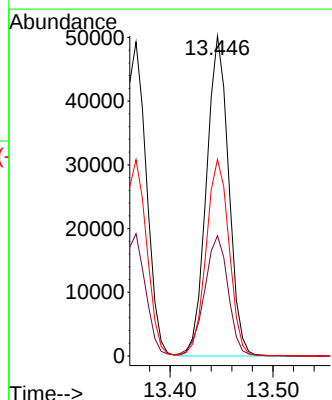
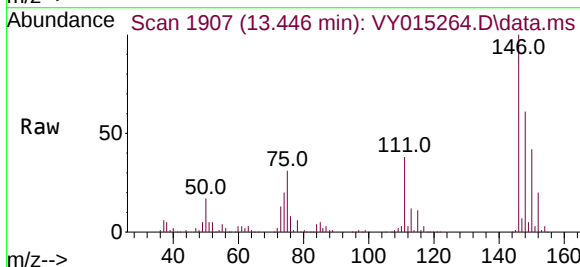
Tgt Ion:146 Resp: 75438

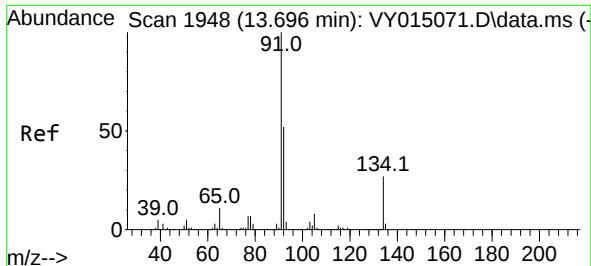
Ion Ratio Lower Upper

146 100

111 40.2 18.9 56.7

148 63.3 32.1 96.5

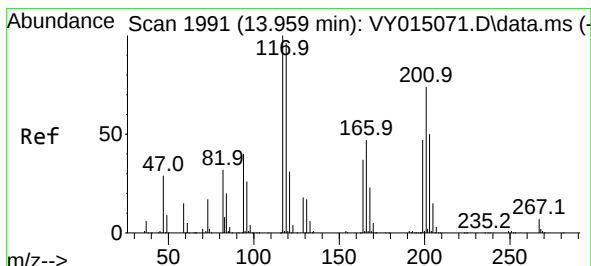
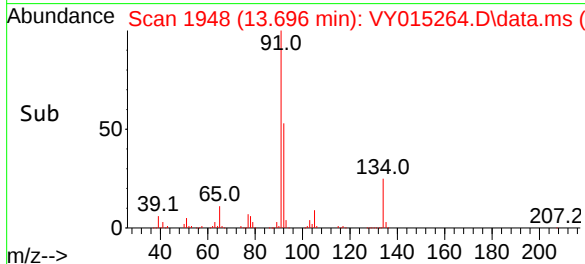
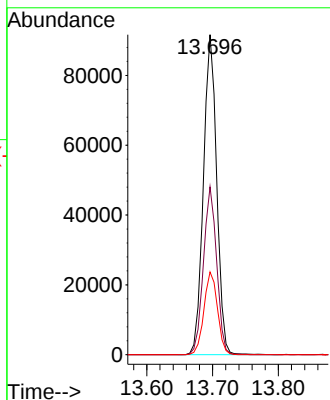
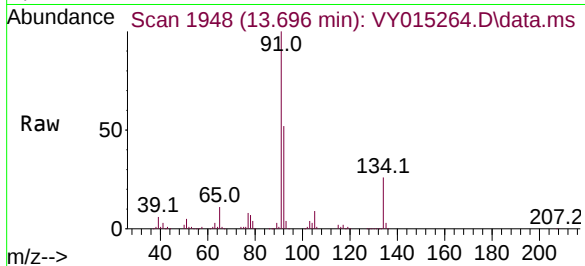




#89
n-Butylbenzene
Concen: 19.820 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

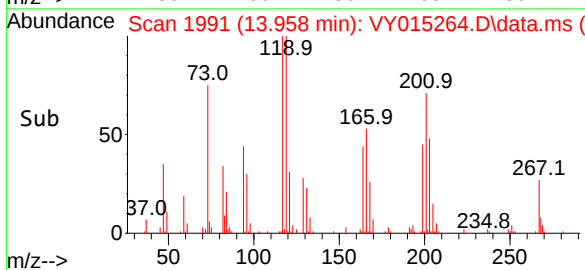
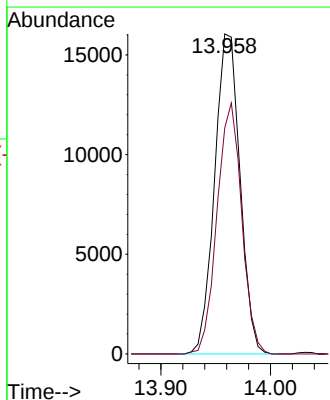
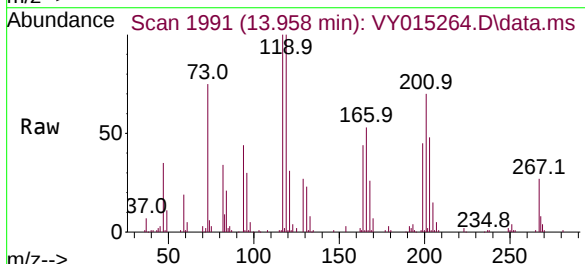
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

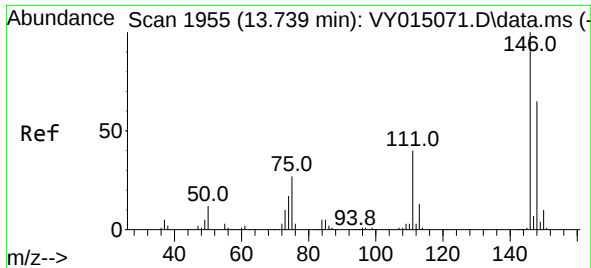
Tgt Ion: 91 Resp: 128606
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 18.942 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY015264.D
Acq: 22 Aug 2023 23:27

Tgt Ion: 117 Resp: 25860
Ion Ratio Lower Upper
117 100
201 76.2 41.6 124.8

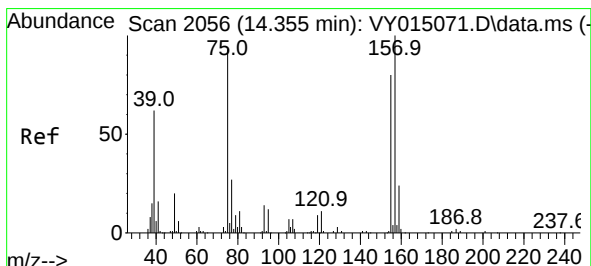
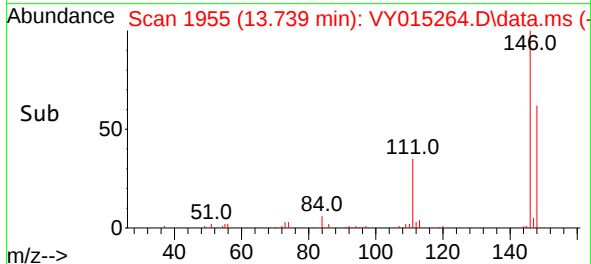
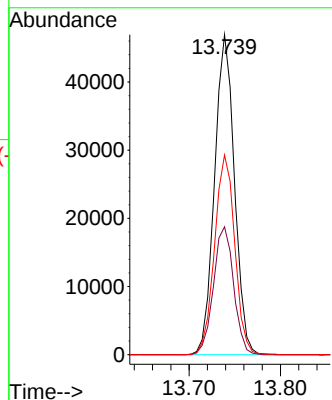
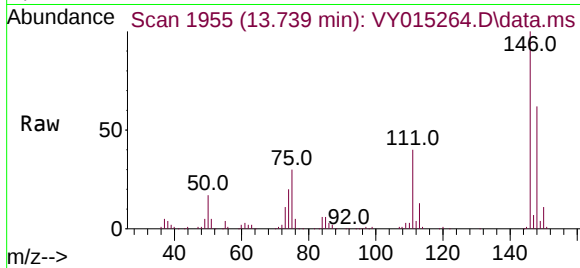




#91
 1,2-Dichlorobenzene
 Concen: 21.141 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

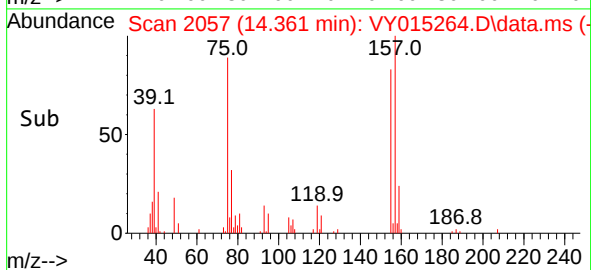
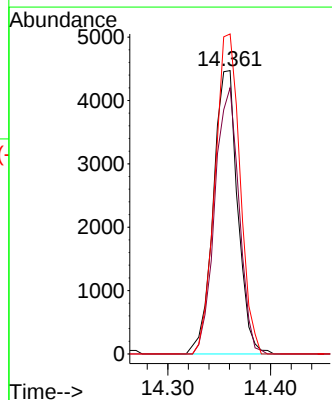
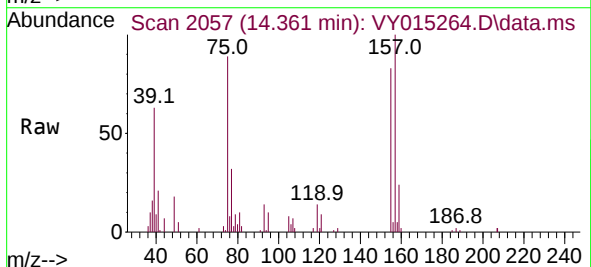
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

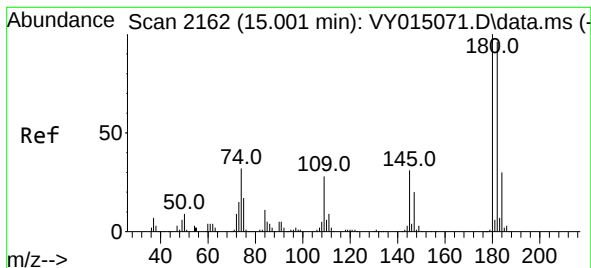
Tgt Ion:146 Resp: 70946
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.7 59.0
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.647 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY015264.D
 Acq: 22 Aug 2023 23:27

Tgt Ion: 75 Resp: 7365
 Ion Ratio Lower Upper
 75 100
 155 92.9 41.5 124.6
 157 115.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.968 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

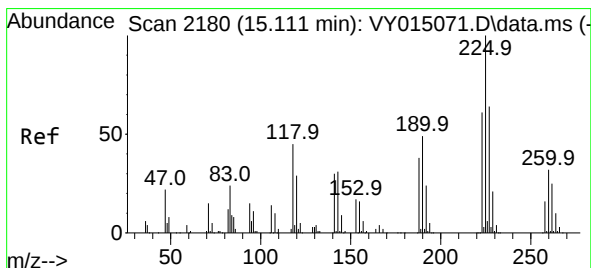
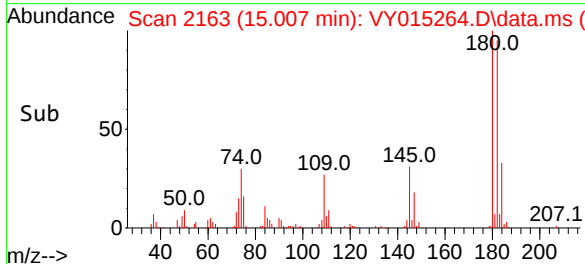
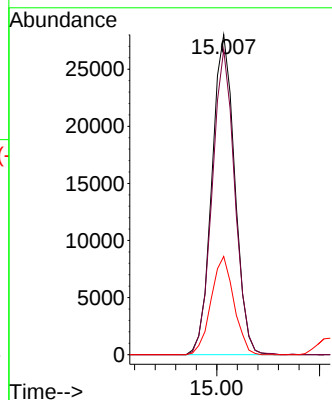
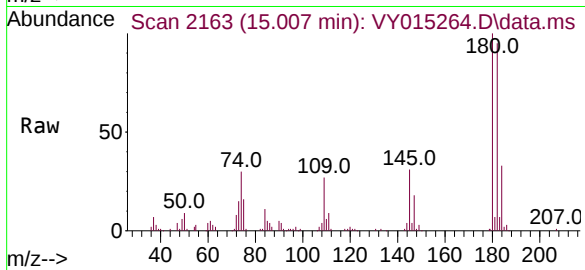
Tgt Ion:180 Resp: 43019

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.222 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

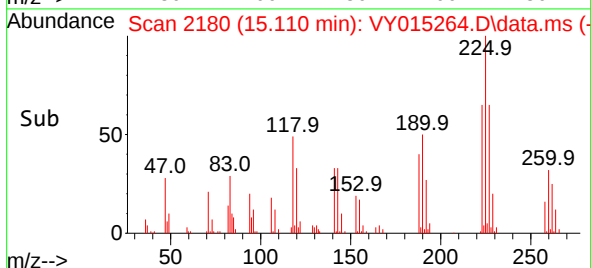
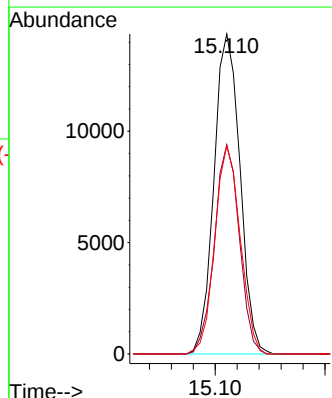
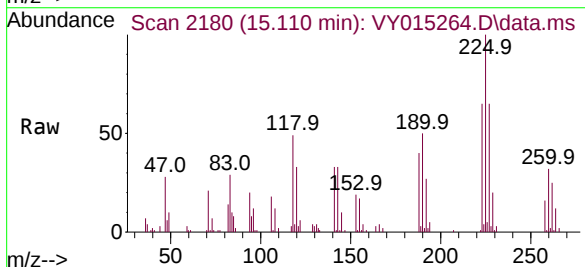
Tgt Ion:225 Resp: 23698

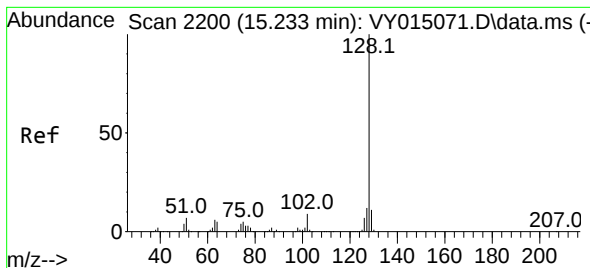
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 20.346 ug/l

RT: 15.238 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

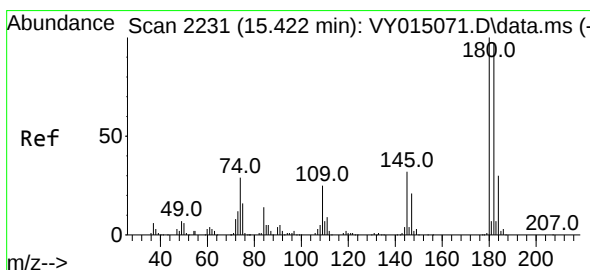
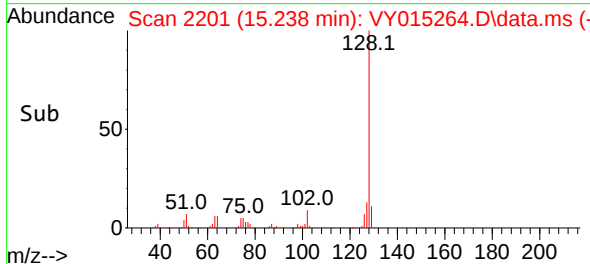
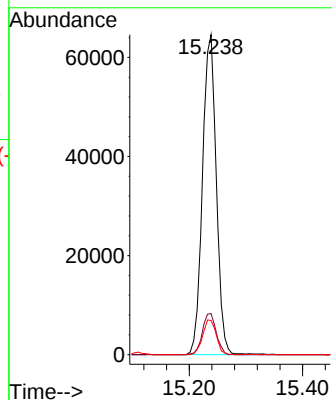
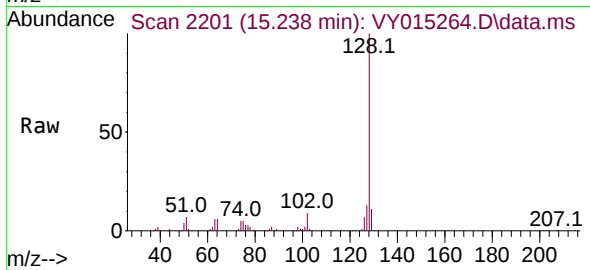
Tgt Ion:128 Resp: 109191

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.990 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015264.D

Acq: 22 Aug 2023 23:27

Tgt Ion:180 Resp: 40839

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 33.1 15.4 46.2

