

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009062.D
 Acq On : 24 May 2022 15:18
 Operator : KP/MD
 Sample : N2948-26MSD
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MSD

Quant Time: May 25 02:53:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	90763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37202	39.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.660%
35) Dibromofluoromethane	7.716	113	35048	35.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.560%
50) Toluene-d8	10.179	98	105667	29.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	58.480%
62) 4-Bromofluorobenzene	12.483	95	57765	39.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36876	44.422	ug/l	98
3) Chloromethane	2.113	50	63281	53.210	ug/l	96
4) Vinyl Chloride	2.247	62	88880	50.444	ug/l	97
5) Bromomethane	2.643	94	75946	43.972	ug/l	98
6) Chloroethane	2.790	64	62039	49.701	ug/l	98
7) Trichlorofluoromethane	3.125	101	66616	44.521	ug/l	94
8) Diethyl Ether	3.527	74	27333	58.420	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	41459	45.083	ug/l	93
10) Methyl Iodide	4.088	142	52424	55.206	ug/l	92
11) Tert butyl alcohol	4.948	59	25928	273.646	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	39295	46.029	ug/l	88
13) Acrolein	3.729	56	3210	102.925	ug/l	95
14) Allyl chloride	4.472	41	66370	51.588	ug/l #	88
15) Acrylonitrile	5.161	53	79010	301.605	ug/l	99
16) Acetone	3.942	43	77950	400.888	ug/l #	89
17) Carbon Disulfide	4.192	76	131969	47.317	ug/l	100
18) Methyl Acetate	4.472	43	53822	88.890	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	149643	58.400	ug/l	93
20) Methylene Chloride	4.716	84	61154	57.508	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	52753	48.144	ug/l	89
22) Diisopropyl ether	6.118	45	165502	53.546	ug/l #	94
23) Vinyl Acetate	6.057	43	423401	207.087	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	94871	51.318	ug/l	98
25) 2-Butanone	6.984	43	111576	321.270	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	85995	50.497	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	64747	52.418	ug/l	88
28) Bromochloromethane	7.332	49	35421	55.821	ug/l #	93
29) Tetrahydrofuran	7.350	42	71739	304.093	ug/l #	87
30) Chloroform	7.502	83	104062	52.146	ug/l	94
31) Cyclohexane	7.783	56	77217	42.254	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	86958	48.030	ug/l	98
36) 1,1-Dichloropropene	7.917	75	73414	44.046	ug/l	98
37) Ethyl Acetate	7.069	43	41875	48.433	ug/l	98
38) Carbon Tetrachloride	7.899	117	77102	44.220	ug/l	96
39) Methylcyclohexane	9.179	83	85597	39.786	ug/l	91
40) Benzene	8.155	78	232248	48.322	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	67526	151.350	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	78287	55.471	ug/l	94
43) Isopropyl Acetate	8.270	43	90137	56.068	ug/l #	92
44) Trichloroethene	8.941	130	59263	46.568	ug/l	97
45) 1,2-Dichloropropane	9.215	63	59893	51.898	ug/l	96
46) Dibromomethane	9.301	93	40103	54.650	ug/l	92
47) Bromodichloromethane	9.496	83	86833	51.776	ug/l	96
48) Methyl methacrylate	9.289	41	43755	60.953	ug/l #	81
49) 1,4-Dioxane	9.295	88	11404	1162.544	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	264443	297.221	ug/l	93
52) Toluene	10.246	92	159828	47.584	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	97344	54.659	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	102472	53.523	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	55001	53.573	ug/l	98
56) Ethyl methacrylate	10.508	69	68188	51.950	ug/l	86
57) 1,3-Dichloropropane	10.788	76	93578	55.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	134674	237.162	ug/l	96
59) 2-Hexanone	10.831	43	188055	308.709	ug/l	90
60) Dibromochloromethane	10.983	129	67277	54.059	ug/l	99
61) 1,2-Dibromoethane	11.087	107	56327	55.367	ug/l	98
64) Tetrachloroethene	10.721	164	60401	49.594	ug/l	98
65) Chlorobenzene	11.514	112	175274	45.638	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	68514	48.721	ug/l	98
67) Ethyl Benzene	11.593	91	311203	44.964	ug/l	95
68) m/p-Xylenes	11.703	106	260479	92.709	ug/l	91
69) o-Xylene	12.026	106	125355	48.045	ug/l	90
70) Styrene	12.044	104	224444	50.022	ug/l	94
71) Bromoform	12.209	173	49038	52.604	ug/l #	98
73) Isopropylbenzene	12.331	105	319692	40.799	ug/l	99
74) N-amyl acetate	12.142	43	78746	43.557	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	76656	47.490	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	98241	87.299	ug/l #	100
77) Bromobenzene	12.605	156	78015	42.950	ug/l	97
78) n-propylbenzene	12.672	91	392734	43.381	ug/l	99
79) 2-Chlorotoluene	12.757	91	221886	42.491	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	277302	42.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	26890	49.045	ug/l	87
82) 4-Chlorotoluene	12.855	91	246933	44.211	ug/l	97
83) tert-Butylbenzene	13.074	119	239262	41.062	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	290298	44.525	ug/l	97
85) sec-Butylbenzene	13.251	105	367786	41.254	ug/l	100
86) p-Isopropyltoluene	13.367	119	319443	42.968	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	171028	44.140	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	174607	44.854	ug/l	97
89) n-Butylbenzene	13.696	91	283187	41.637	ug/l	99
90) Hexachloroethane	13.958	117	58353	41.884	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	155185	45.372	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11637	46.437	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	75818	40.390	ug/l	99
94) Hexachlorobutadiene	15.111	225	35538	34.736	ug/l	97
95) Naphthalene	15.233	128	174939	46.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	66980	41.062	ug/l	98

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

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

Abundance

TIC: VY009062.D\data.ms

Time-->

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

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2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

1,4-Dichlorobenzene, T

Acetone, T

Methyl Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Methyl 1,2-Dichloroethane, T

1,1-Dichloroethane, T

Isopropyl Alcohol, T

Ethyl Acetate, T

2,2,4,4-Tetramethylpentane, T

Chloroform, C

1,2-Dichlorobenzene, T

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

1,2-Dichloroethane, T

1,3-Dichloroethane, T

1,4-Difluorobenzene, T

Trichloroethene, TM

Methoxybenzene, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Toluene, CM

Ethyl methyl 2-chloropropene, T

1,2-Trichloroethane, T

1,3-Dichloropropane, T

2-Chloropropane, T

1,2-Dibromodichloromethane, T

1,2-Dibromodichloroethane, T

Chlorobenzene, T

1-Ethyl-2-methyl-2-butene, T

Bromobenzene, T

trans-1,4-Dichloro-2-butene, T

1,2,4-Trichlorobenzene, T

1,3,5-Trichlorobenzene, T

2-Chlorotoluene, T

n-propylbenzene, T

1,3,5-Trimethylbenzene, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene-d4, T

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1,2,4-Trichlorobenzene, T

n-Butylbenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorocyclopentadiene, T

1,2,3-Trichlorobenzene, T

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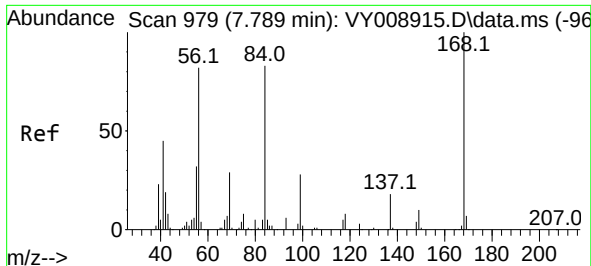
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n-Butylbenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

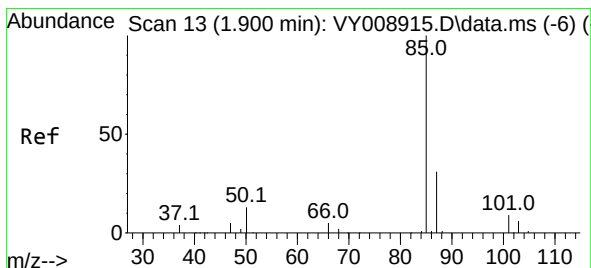
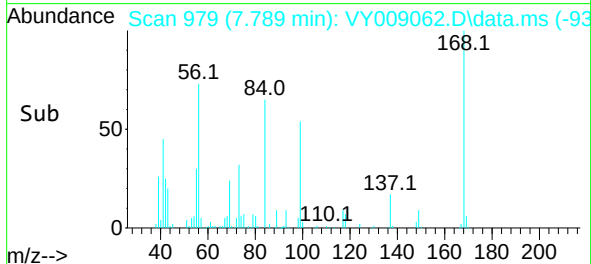
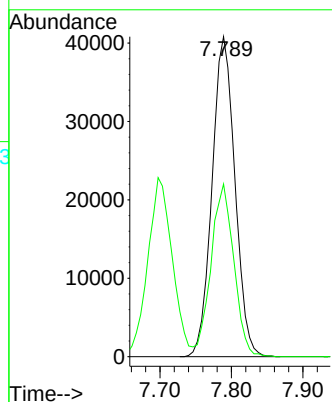
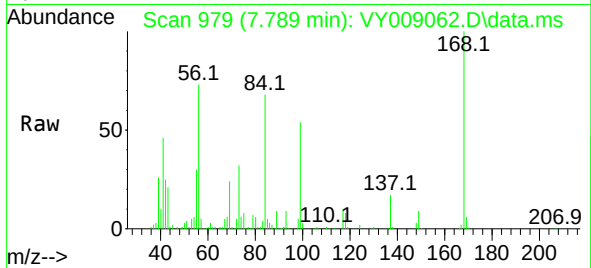
1,2,4-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

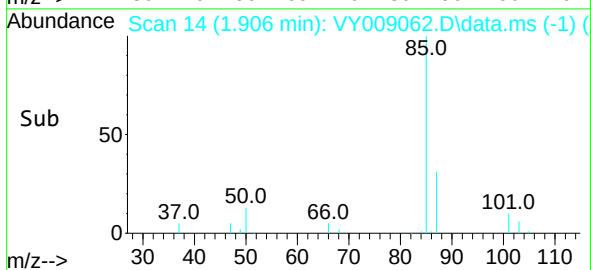
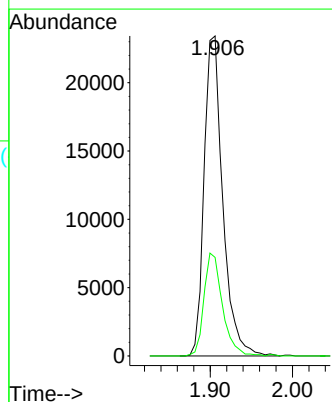
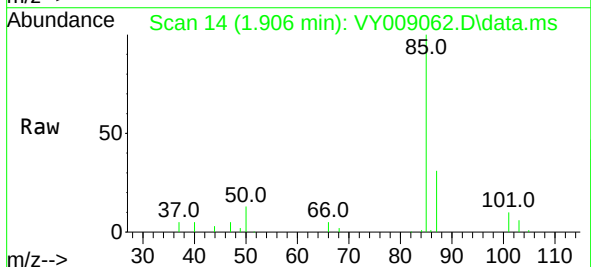
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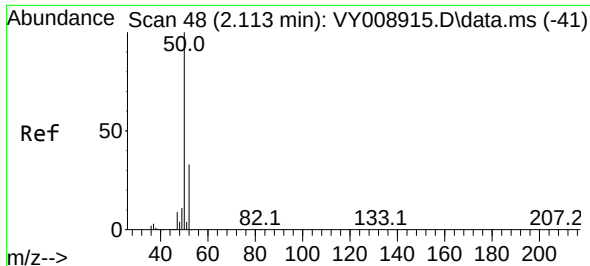
Tgt Ion:168 Resp: 90763
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 44.422 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 85 Resp: 36876
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.2

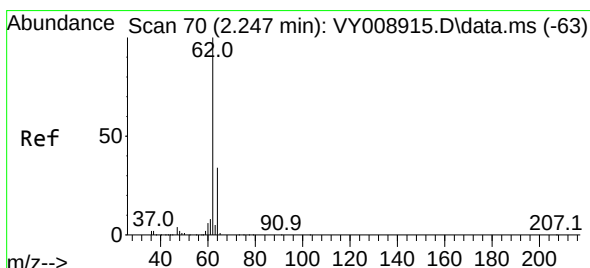
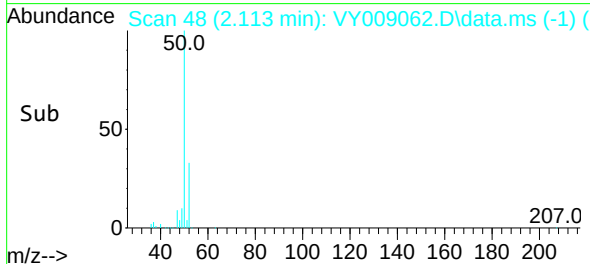
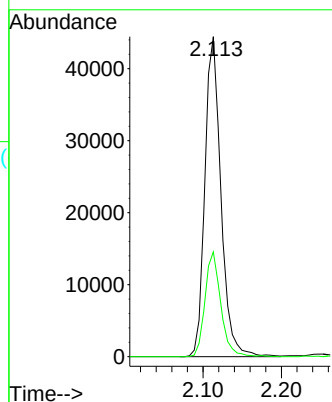
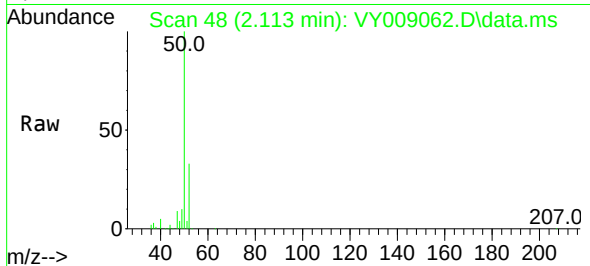




#3
Chloromethane
Concen: 53.210 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

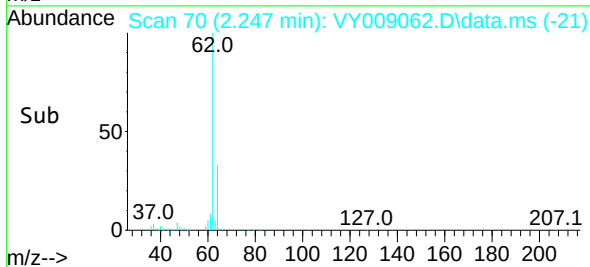
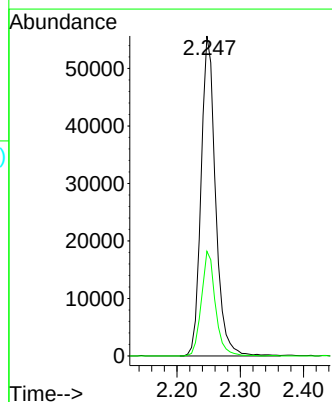
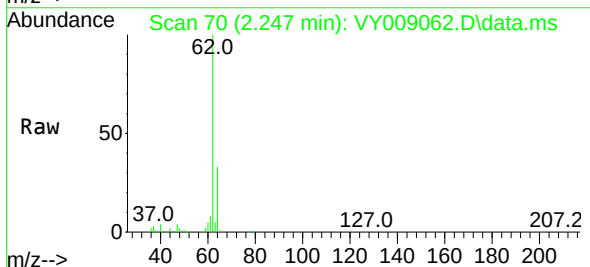
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

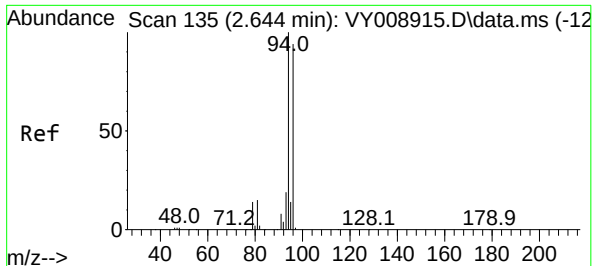
Tgt Ion: 50 Resp: 63281
Ion Ratio Lower Upper
50 100
52 32.7 24.6 37.0



#4
Vinyl Chloride
Concen: 50.444 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 62 Resp: 88880
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

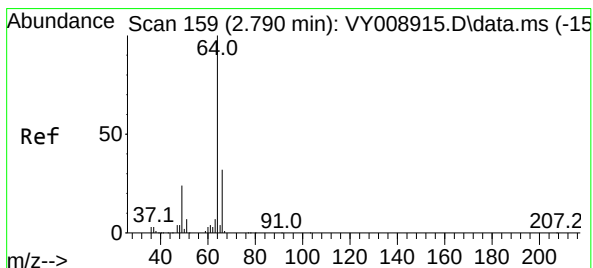
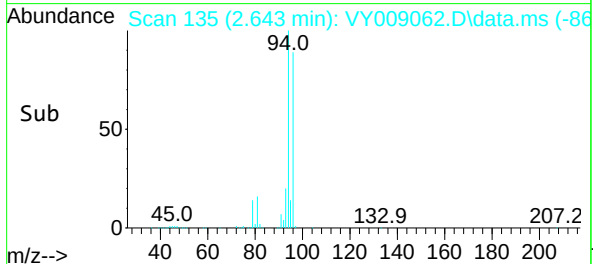
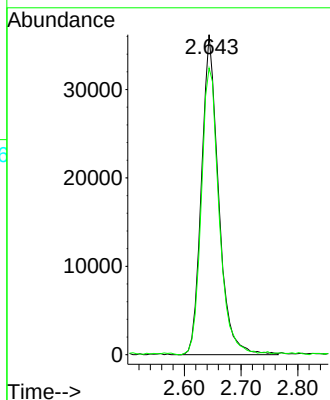
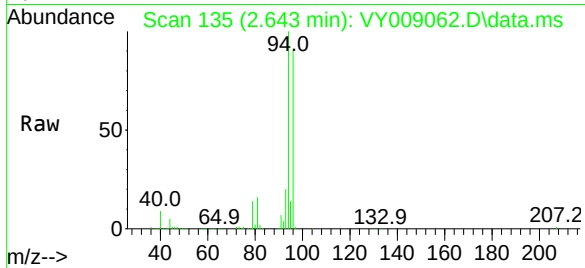




#5
Bromomethane
Concen: 43.972 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

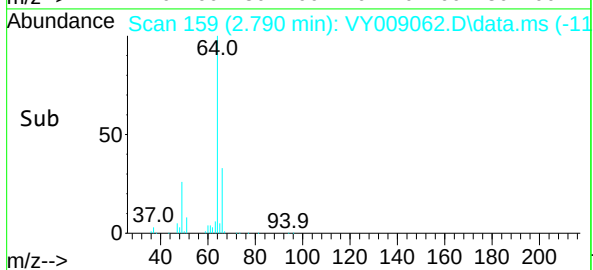
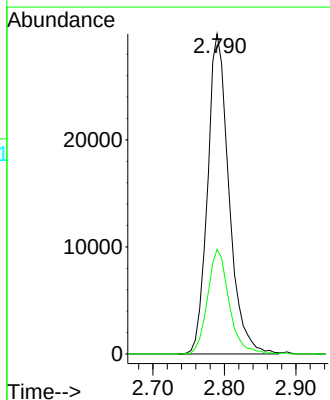
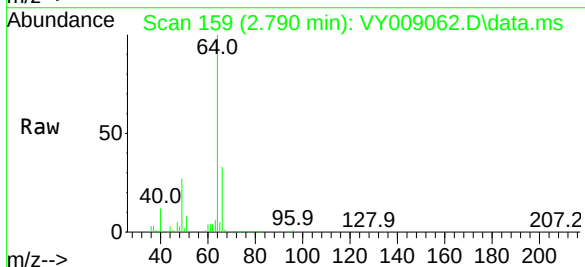
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

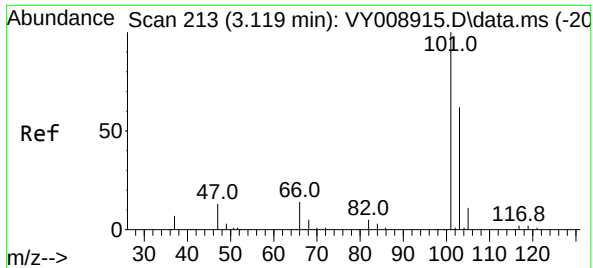
Tgt Ion: 94 Resp: 75946
Ion Ratio Lower Upper
94 100
96 89.6 73.5 110.3



#6
Chloroethane
Concen: 49.701 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 64 Resp: 62039
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

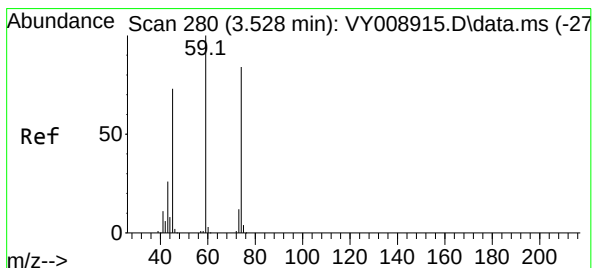
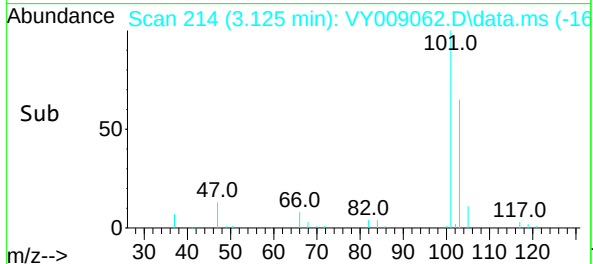
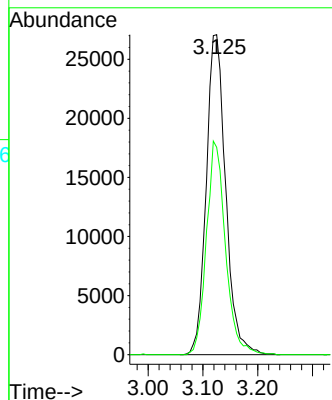
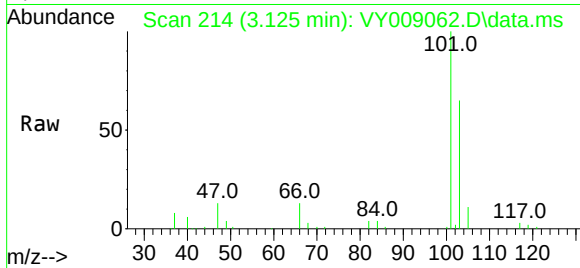




#7
 Trichlorofluoromethane
 Concen: 44.521 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY009062.D
 Acq: 24 May 2022 15:18

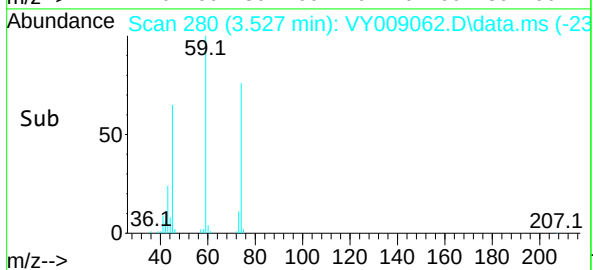
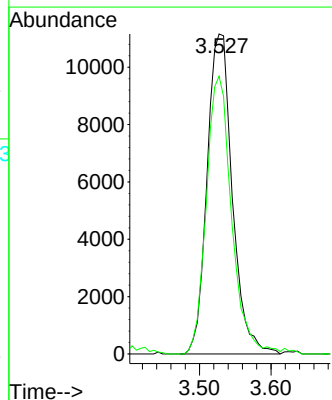
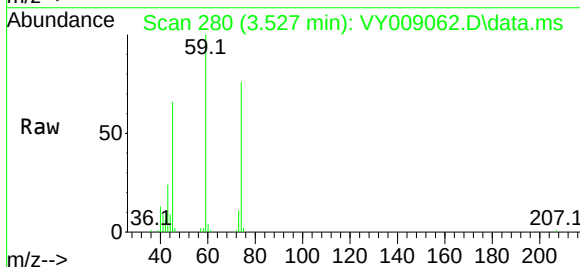
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MSD

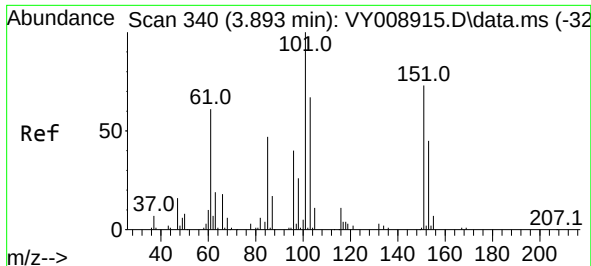
Tgt Ion:101 Resp: 66616
 Ion Ratio Lower Upper
 101 100
 103 64.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 58.420 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY009062.D
 Acq: 24 May 2022 15:18

Tgt Ion: 74 Resp: 27333
 Ion Ratio Lower Upper
 74 100
 45 87.0 55.1 165.5

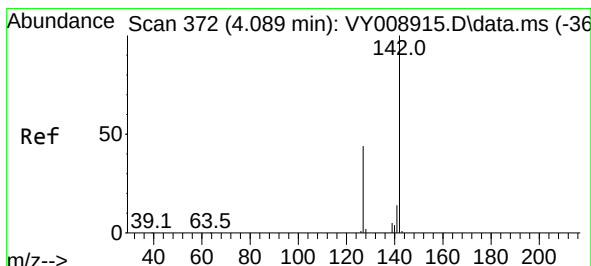
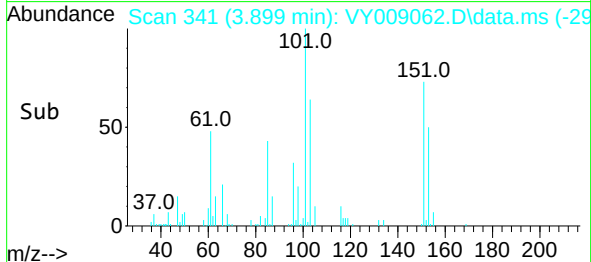
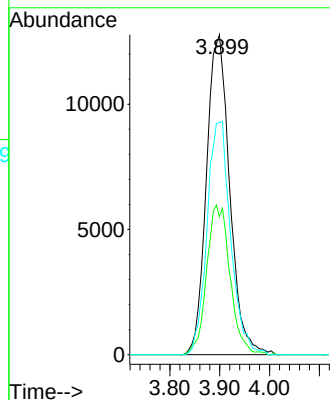
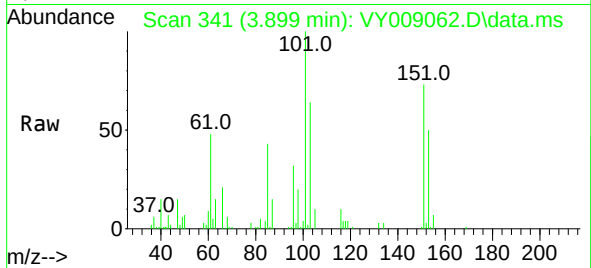




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.083 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

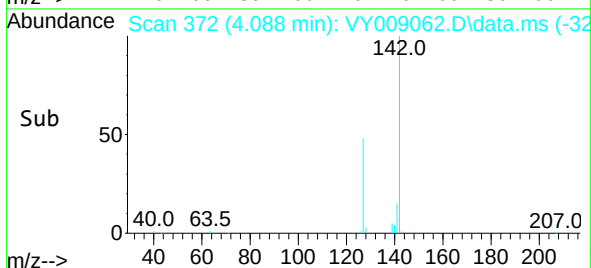
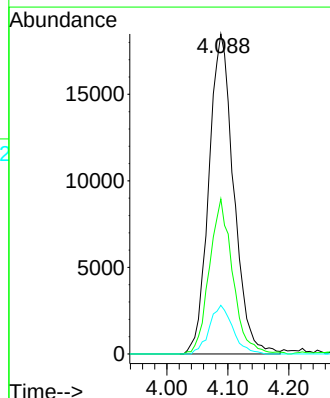
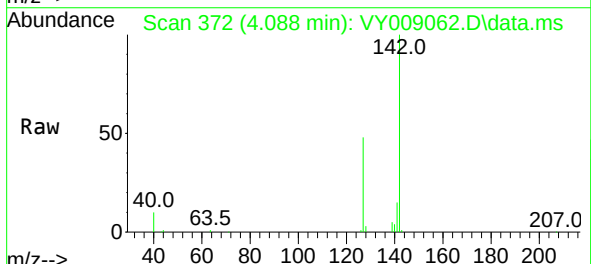
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

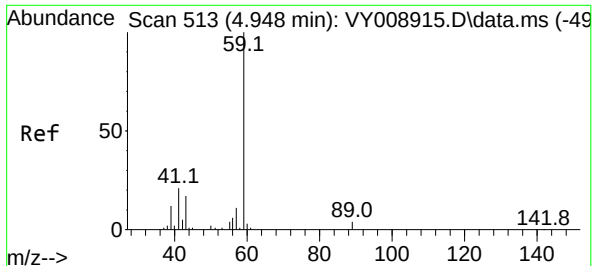
Tgt Ion:101 Resp: 41459
Ion Ratio Lower Upper
101 100
85 47.0 40.6 60.8
151 74.0 64.9 97.3



#10
Methyl Iodide
Concen: 55.206 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:142 Resp: 52424
Ion Ratio Lower Upper
142 100
127 45.3 41.5 62.3
141 14.3 11.9 17.9

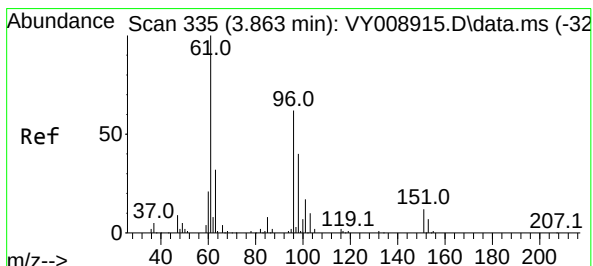
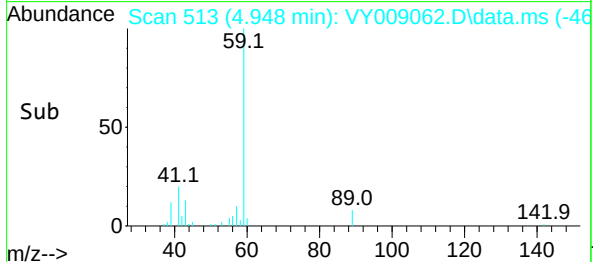
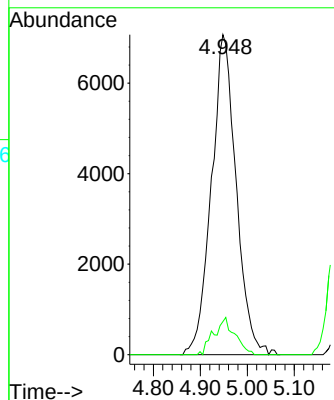
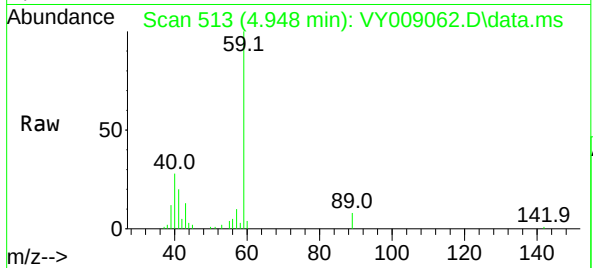




#11
Tert butyl alcohol
Concen: 273.646 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

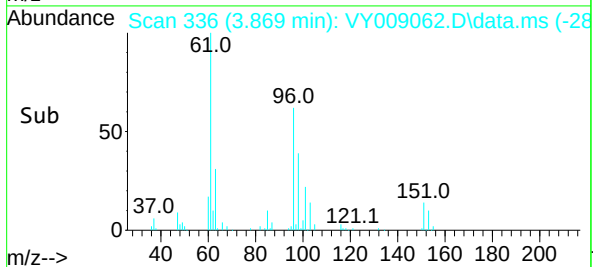
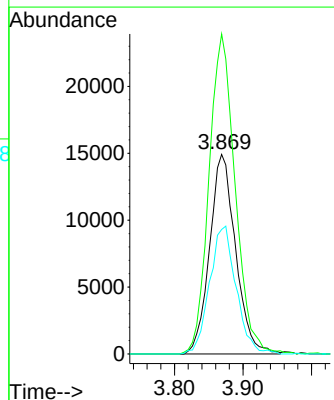
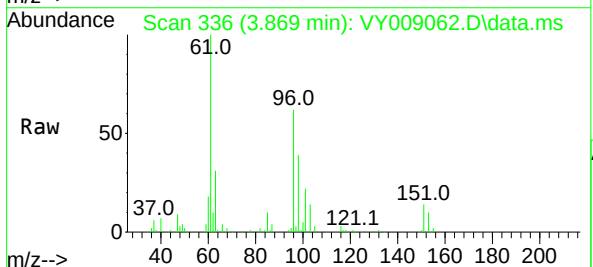
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

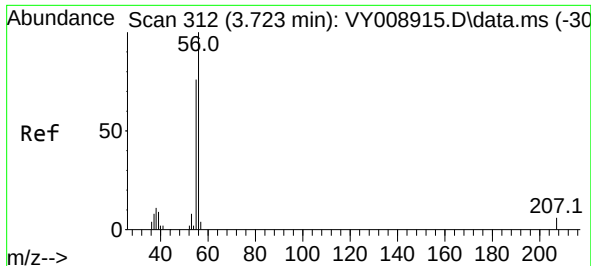
Tgt Ion: 59 Resp: 25928
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 46.029 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

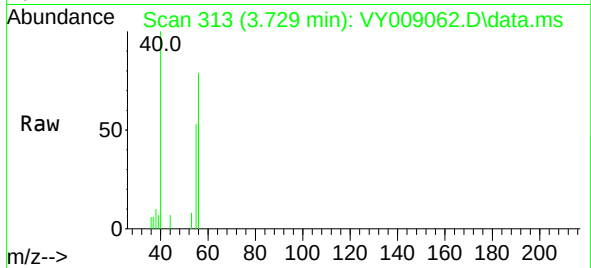
Tgt Ion: 96 Resp: 39295
Ion Ratio Lower Upper
96 100
61 160.4 145.8 218.6
98 62.4 52.5 78.7



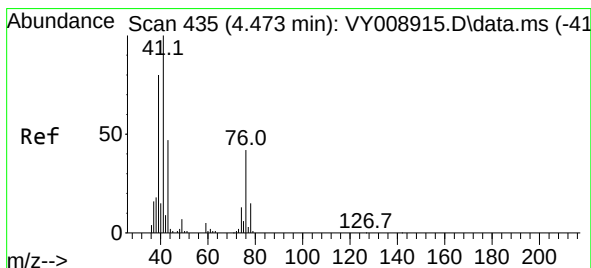
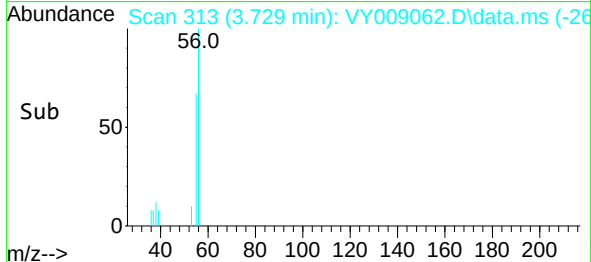
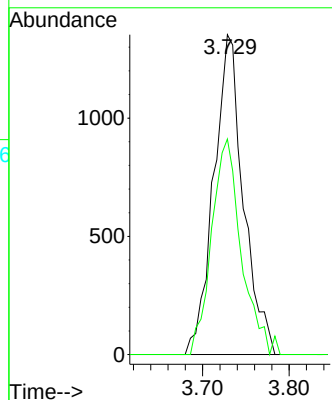


#13
Acrolein
Concen: 102.925 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

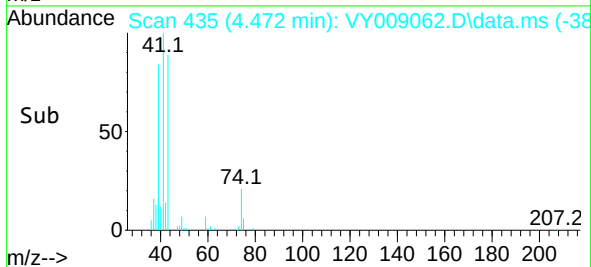
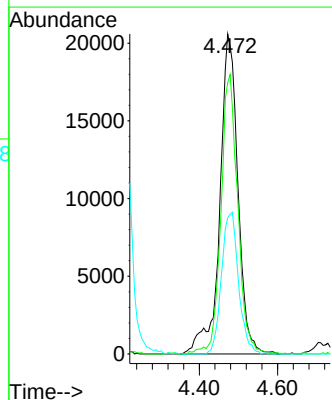
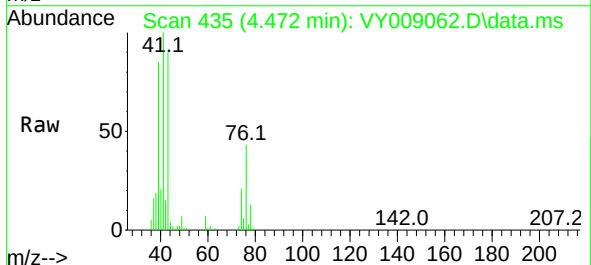


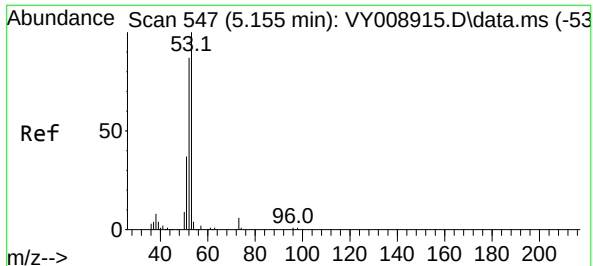
Tgt Ion: 56 Resp: 3210
Ion Ratio Lower Upper
56 100
55 67.8 57.6 86.4



#14
Allyl chloride
Concen: 51.588 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 41 Resp: 66370
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 41.5 25.1 37.7#

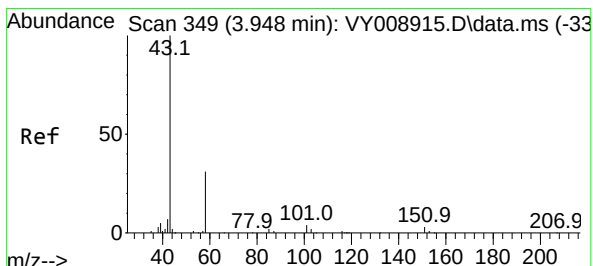
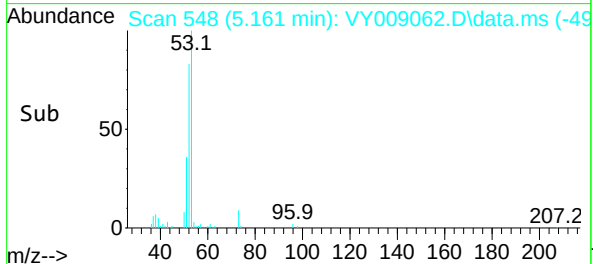
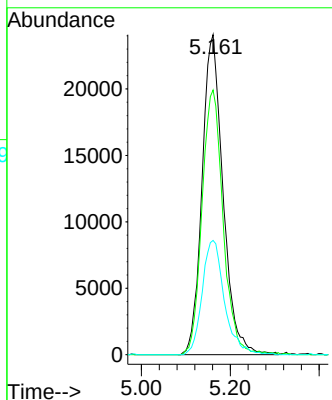
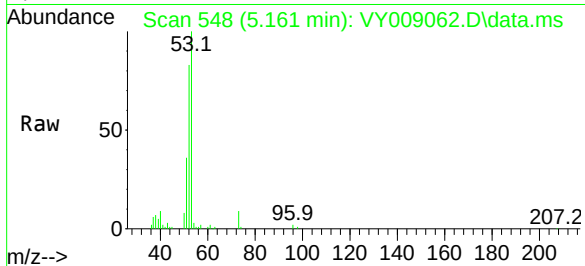




#15
Acrylonitrile
Concen: 301.605 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

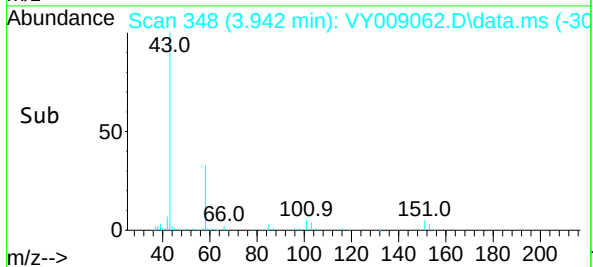
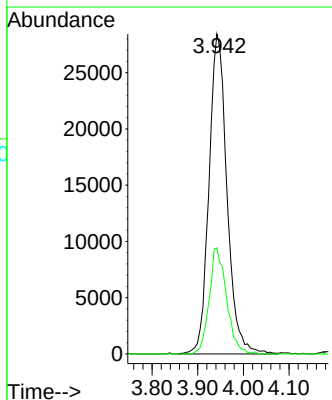
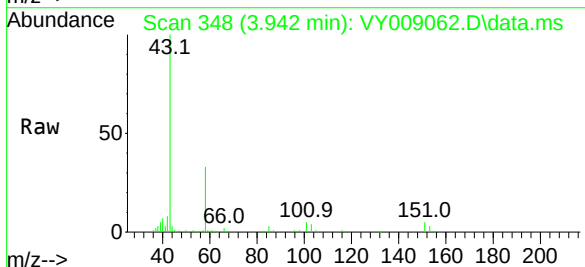
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

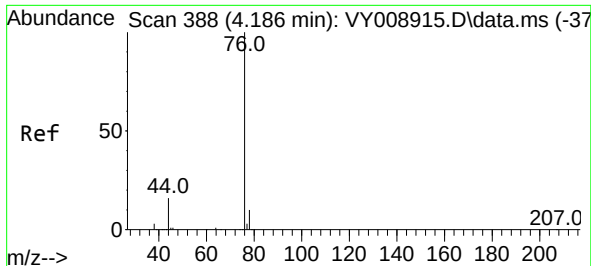
Tgt Ion: 53 Resp: 79010
Ion Ratio Lower Upper
53 100
52 83.2 67.0 100.4
51 38.0 29.8 44.6



#16
Acetone
Concen: 400.888 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 43 Resp: 77950
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#

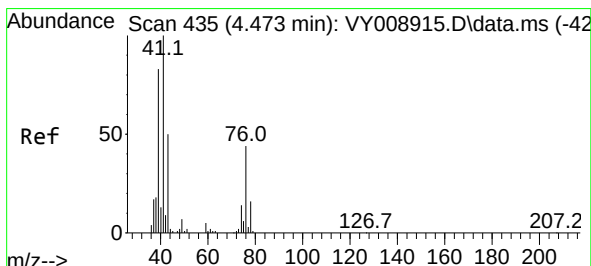
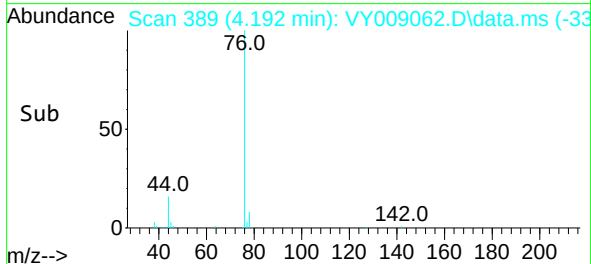
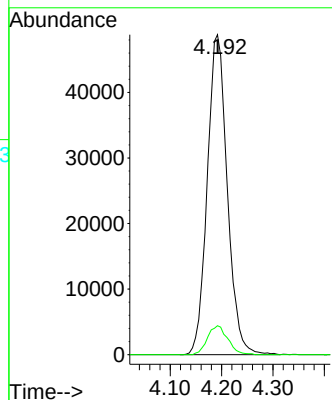
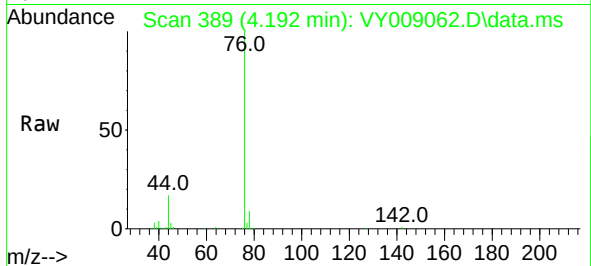




#17
Carbon Disulfide
Concen: 47.317 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

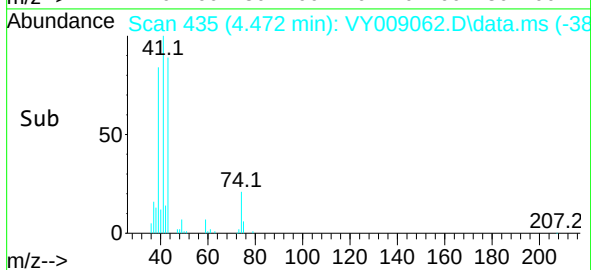
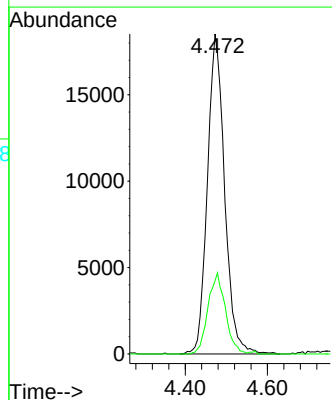
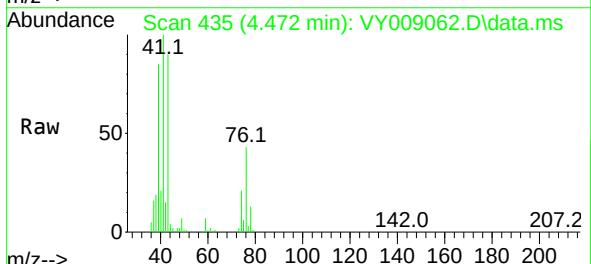
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

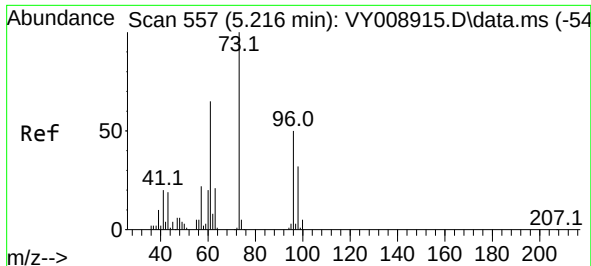
Tgt Ion: 76 Resp: 131969
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 88.890 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 43 Resp: 53822
Ion Ratio Lower Upper
43 100
74 25.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 58.400 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

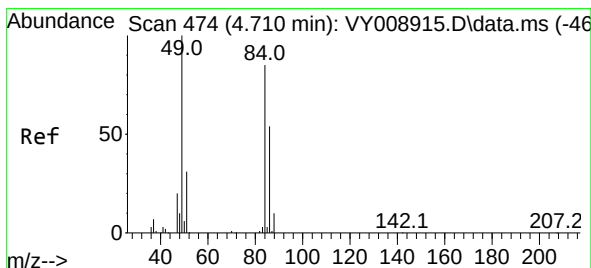
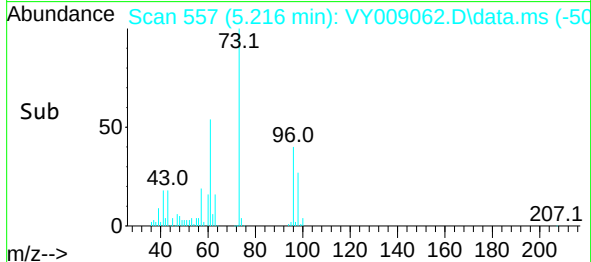
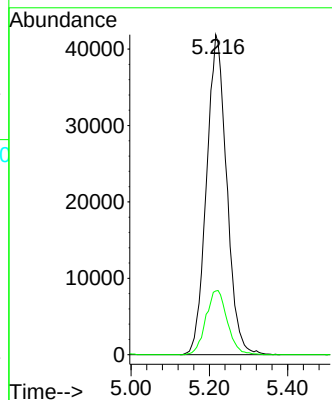
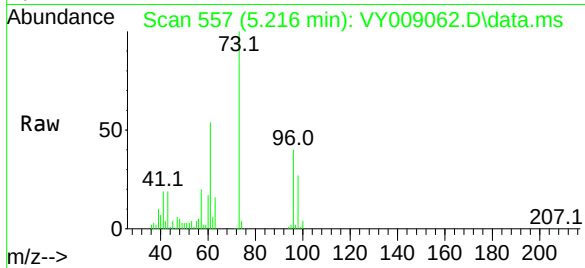
P037-SS001-1218-01MSD

Tgt Ion: 73 Resp: 149643

Ion Ratio Lower Upper

73 100

57 19.9 18.6 27.8



#20

Methylene Chloride

Concen: 57.508 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Tgt Ion: 84 Resp: 61154

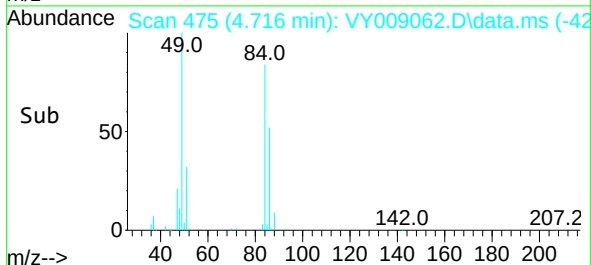
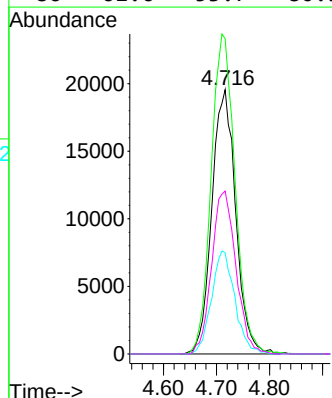
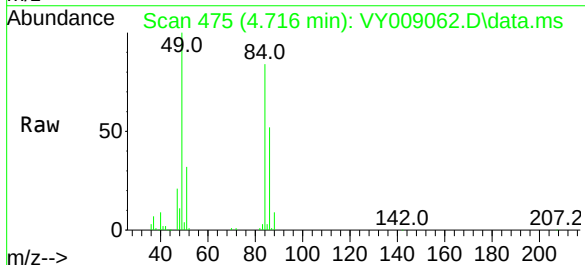
Ion Ratio Lower Upper

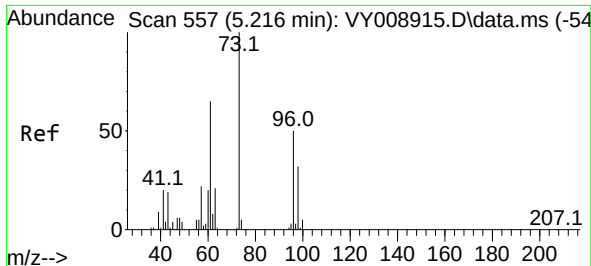
84 100

49 119.2 114.4 171.6

51 38.3 35.3 52.9

86 61.6 53.7 80.5

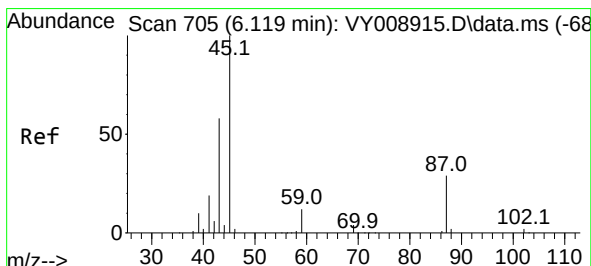
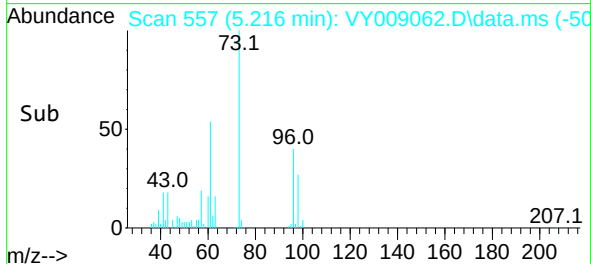
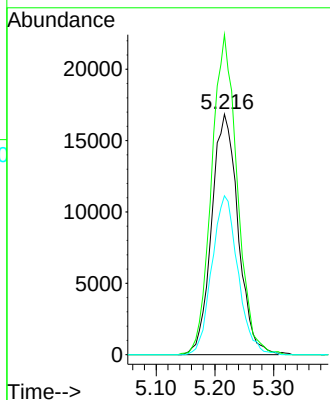
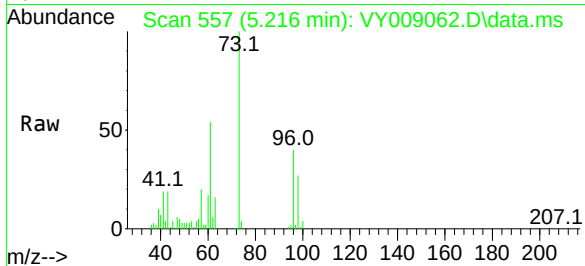




#21
trans-1,2-Dichloroethene
Concen: 48.144 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

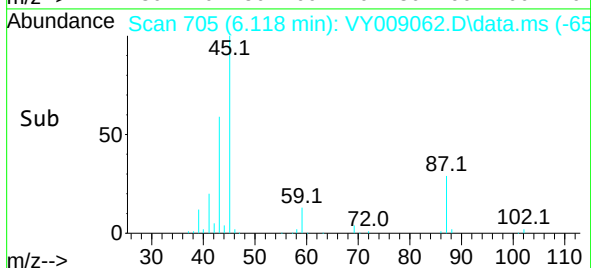
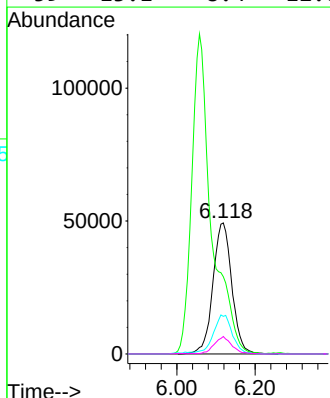
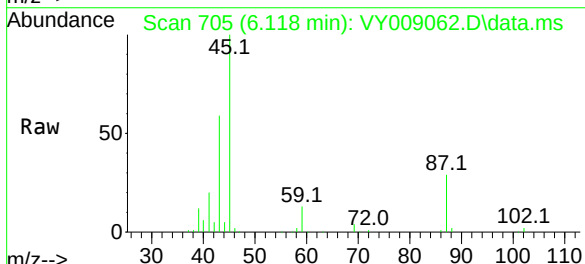
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

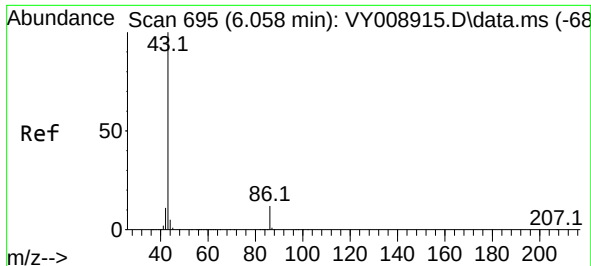
Tgt Ion: 96 Resp: 52753
Ion Ratio Lower Upper
96 100
61 133.1 120.5 180.7
98 66.1 49.8 74.8



#22
Diisopropyl ether
Concen: 53.546 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 45 Resp: 165502
Ion Ratio Lower Upper
45 100
43 58.2 49.3 73.9
87 28.7 19.2 28.8
59 13.1 8.4 12.6

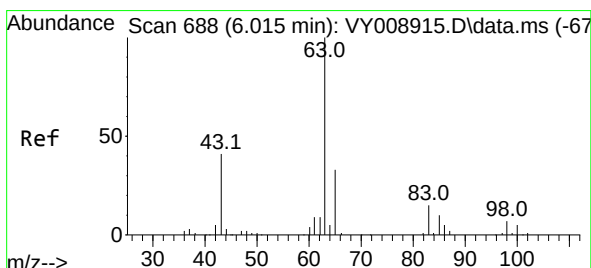
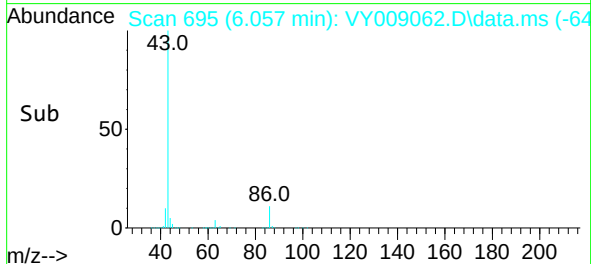
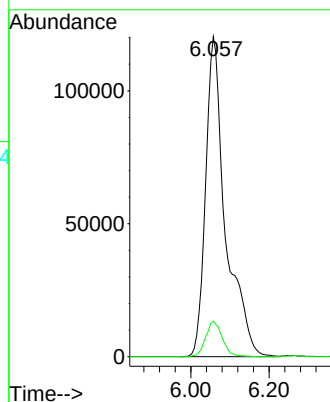
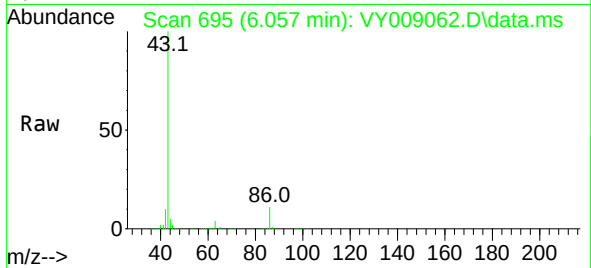




#23
 Vinyl Acetate
 Concen: 207.087 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY009062.D
 Acq: 24 May 2022 15:18

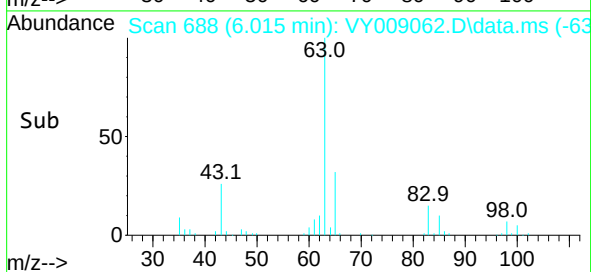
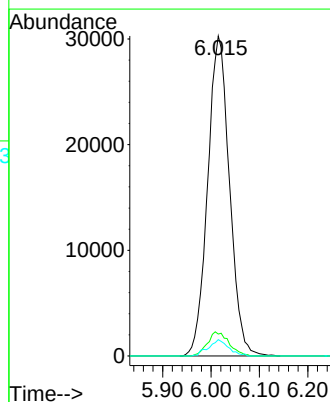
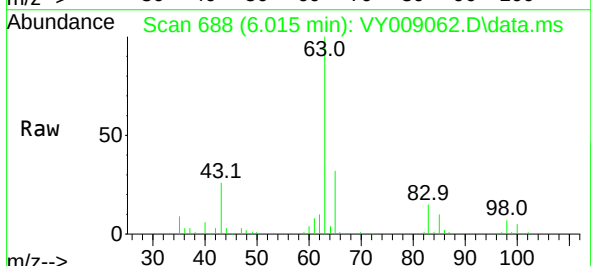
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MSD

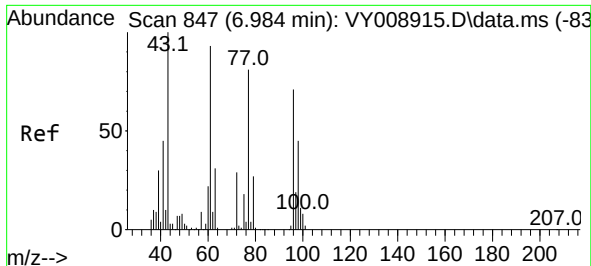
Tgt Ion: 43 Resp: 423401
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.318 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009062.D
 Acq: 24 May 2022 15:18

Tgt Ion: 63 Resp: 94871
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 5.1 2.0 5.8

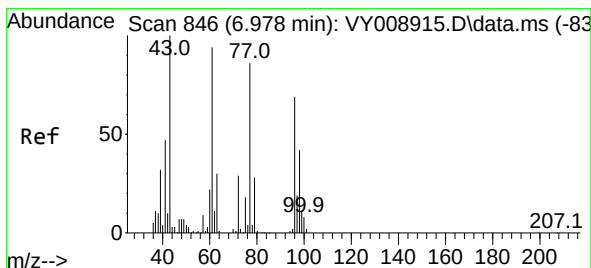
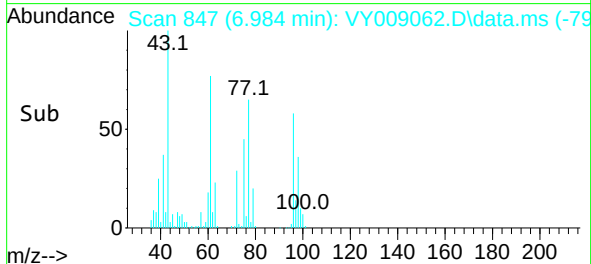
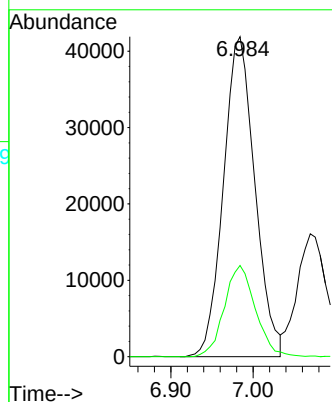
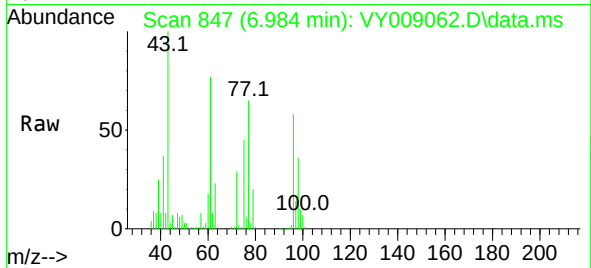




#25
2-Butanone
Concen: 321.270 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

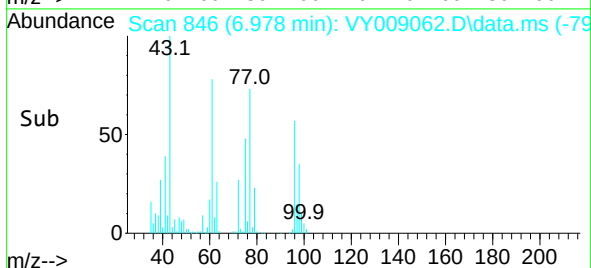
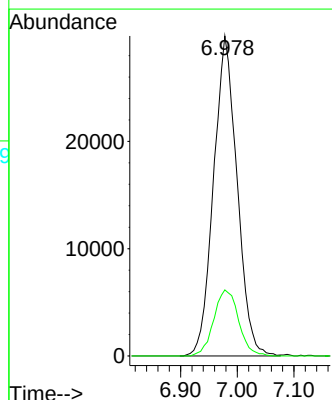
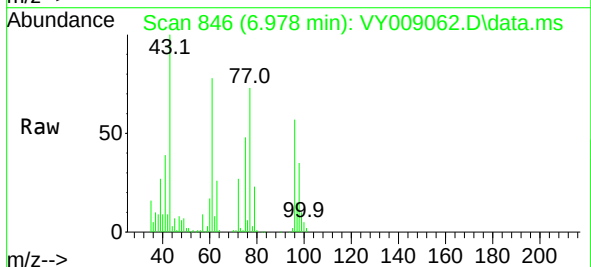
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

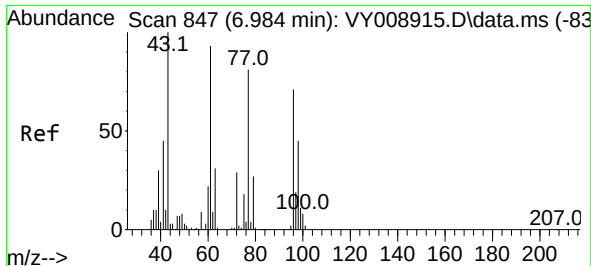
Tgt Ion: 43 Resp: 111576
Ion Ratio Lower Upper
43 100
72 28.5 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 50.497 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 77 Resp: 85995
Ion Ratio Lower Upper
77 100
97 21.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.418 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

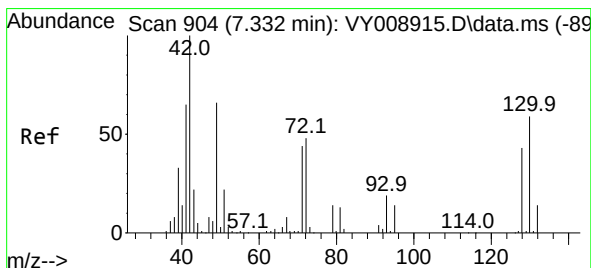
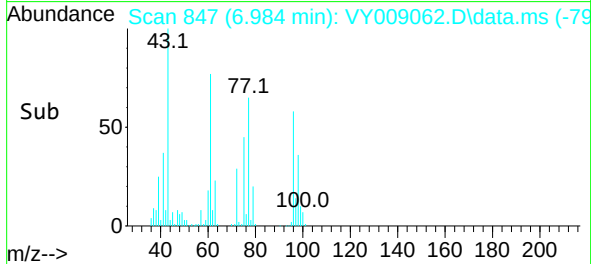
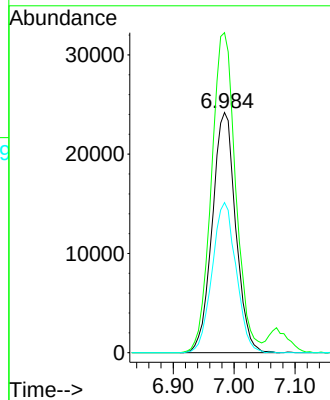
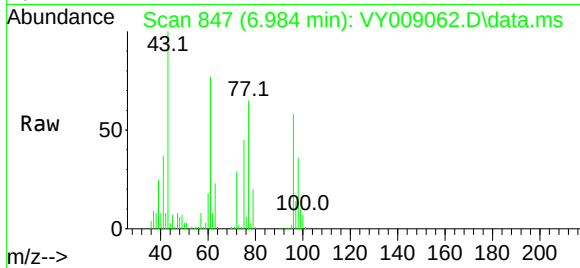
Tgt Ion: 96 Resp: 64747

Ion Ratio Lower Upper

96 100

61 137.9 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 55.821 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

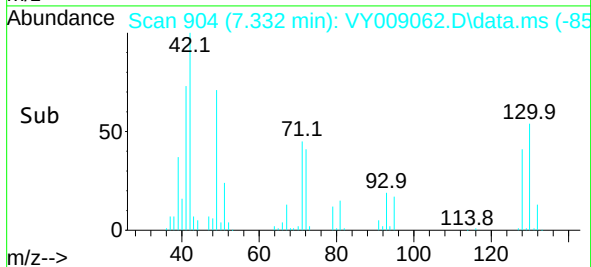
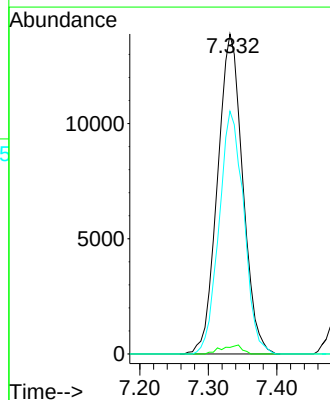
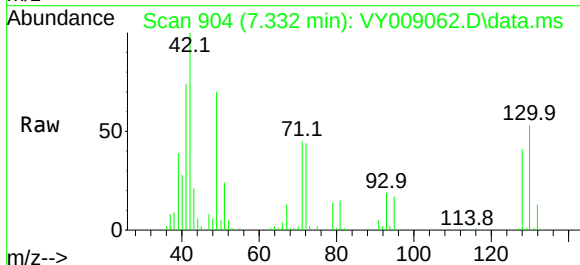
Tgt Ion: 49 Resp: 35421

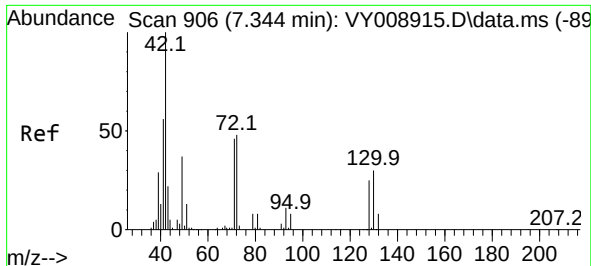
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 74.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 304.093 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY009062.D

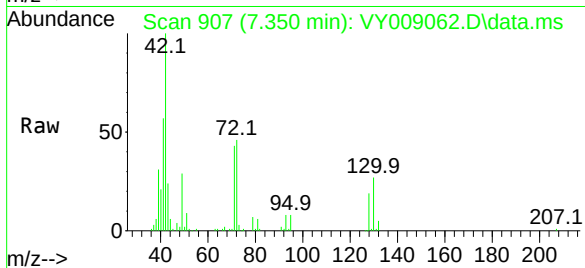
Acq: 24 May 2022 15:18

Instrument :

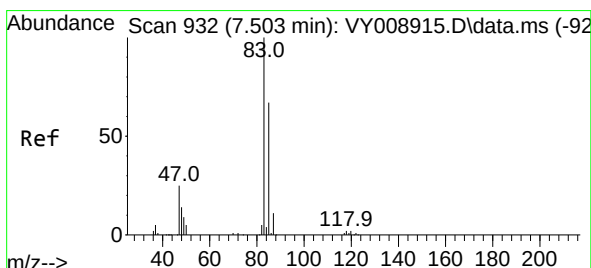
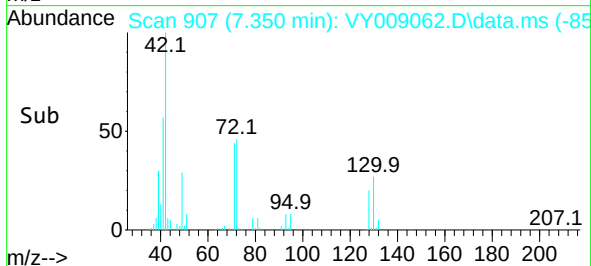
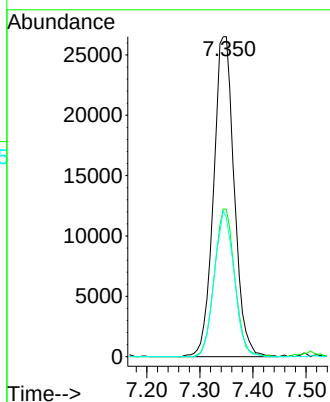
MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD



Tgt Ion:	42	Resp:	71739
Ion Ratio	Lower	Upper	
42	100		
72	45.6	30.3	45.5#
71	43.8	29.0	43.4#



#30

Chloroform

Concen: 52.146 ug/l

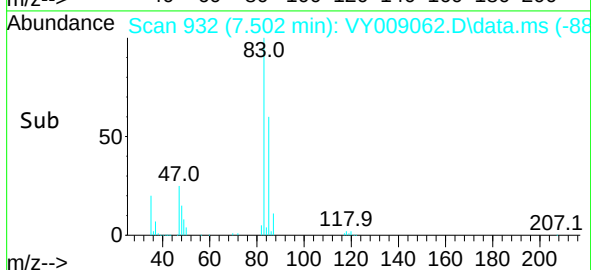
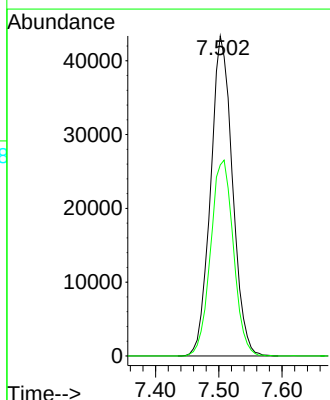
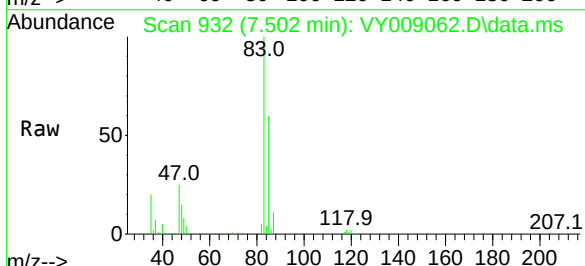
RT: 7.502 min Scan# 932

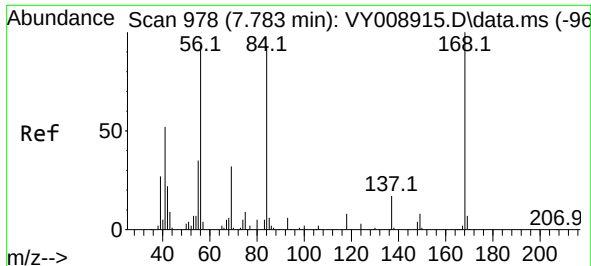
Delta R.T. -0.001 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

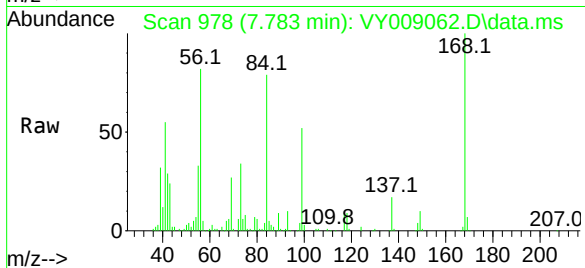
Tgt Ion:	83	Resp:	104062
Ion Ratio	Lower	Upper	
83	100		
85	59.7	51.8	77.6



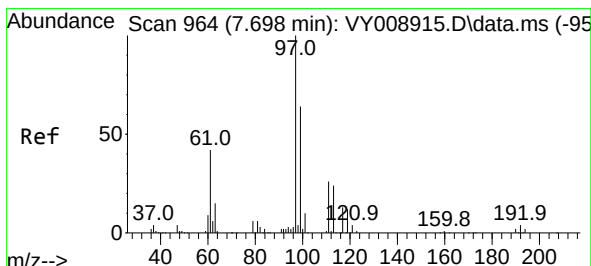
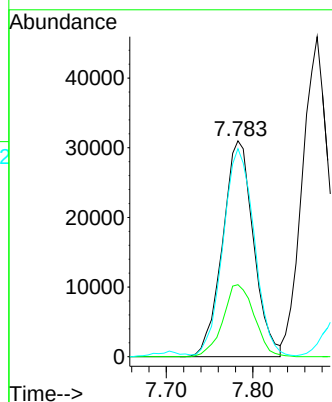
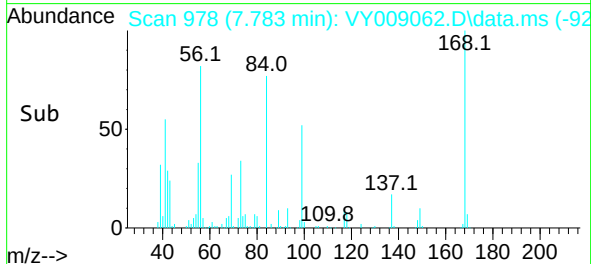


#31
Cyclohexane
Concen: 42.254 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

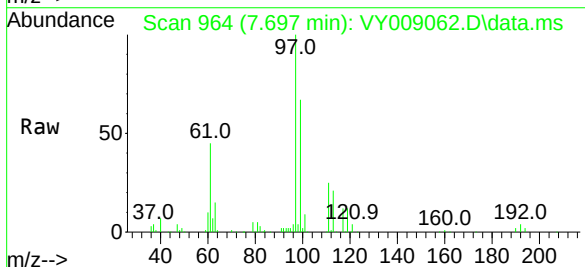
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD



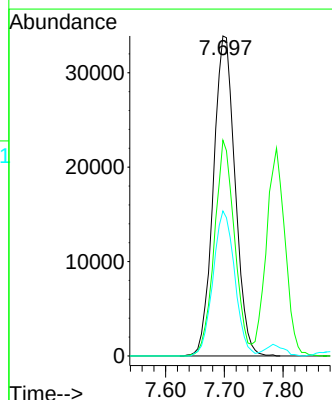
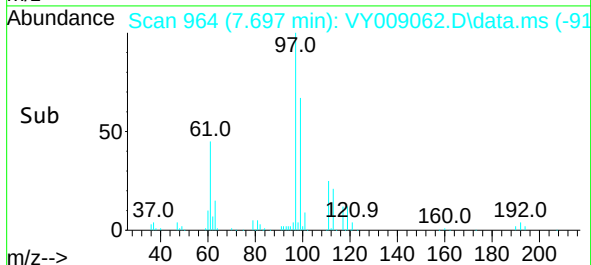
Tgt Ion: 56 Resp: 77217
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 95.3 67.2 100.8

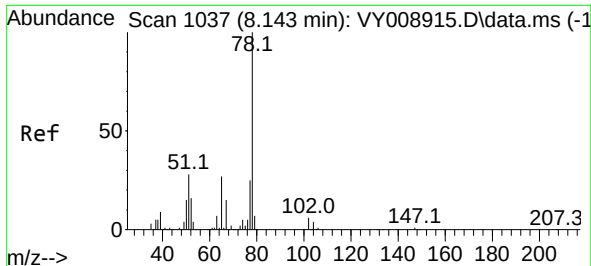


#32
1,1,1-Trichloroethane
Concen: 48.030 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18



Tgt Ion: 97 Resp: 86958
Ion Ratio Lower Upper
97 100
99 62.9 50.7 76.1
61 45.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 39.826 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

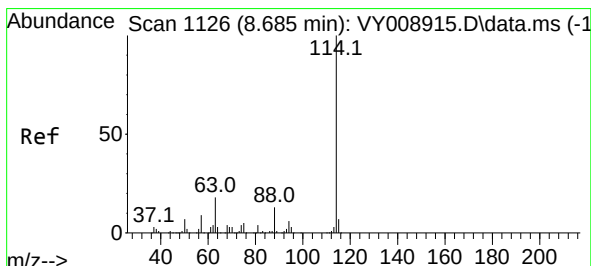
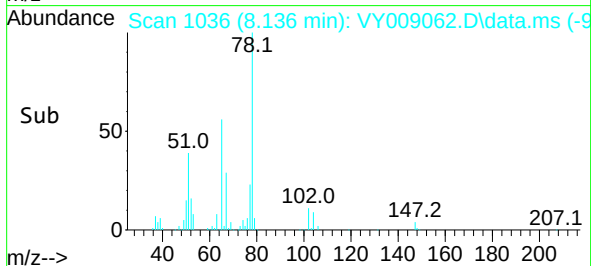
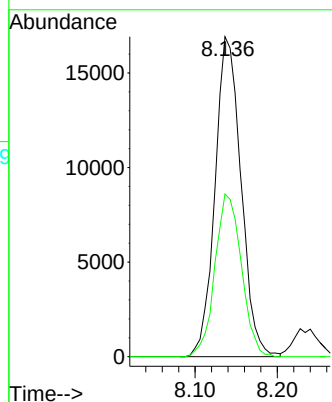
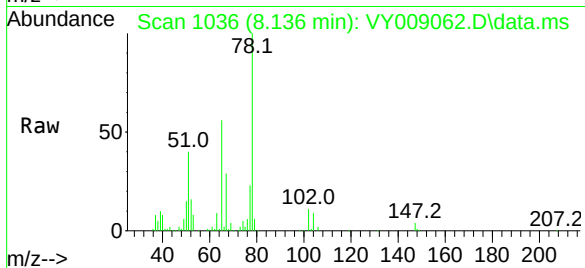
P037-SS001-1218-01MSD

Tgt Ion: 65 Resp: 37202

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

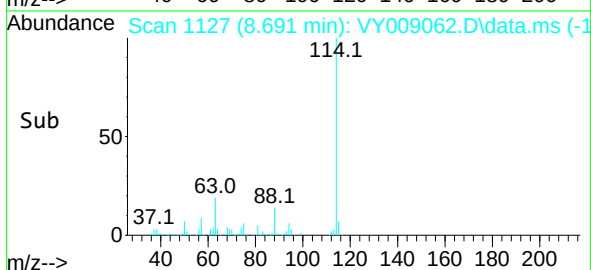
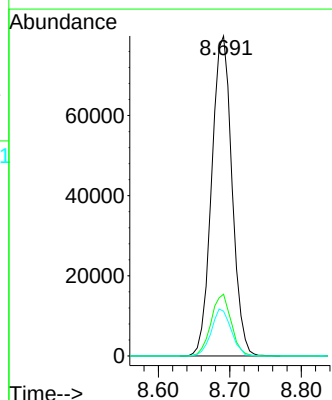
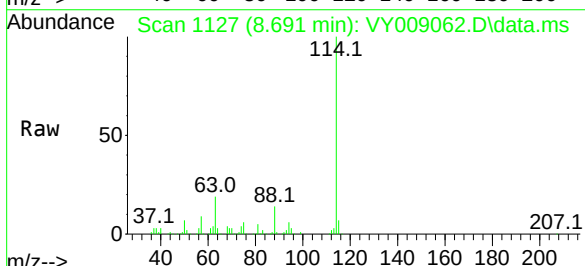
Tgt Ion: 114 Resp: 157501

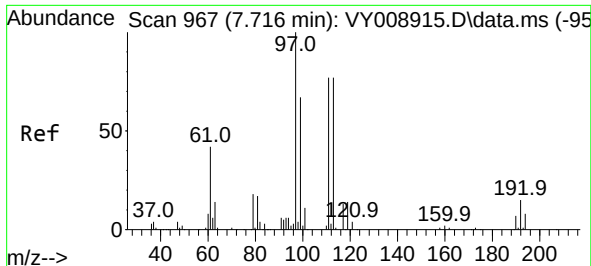
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.0 0.0 31.8

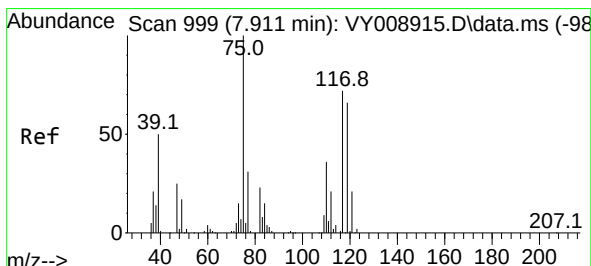
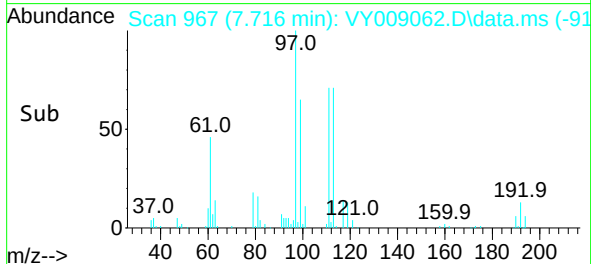
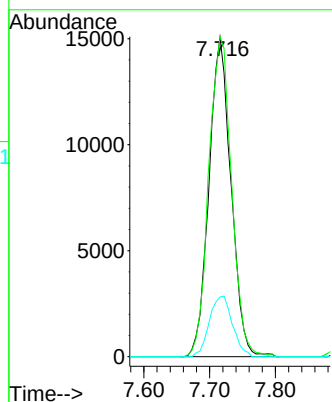
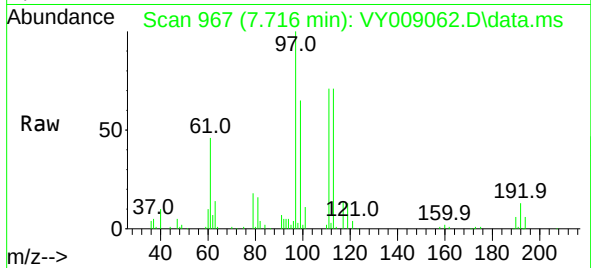




#35
Dibromofluoromethane
Concen: 35.785 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

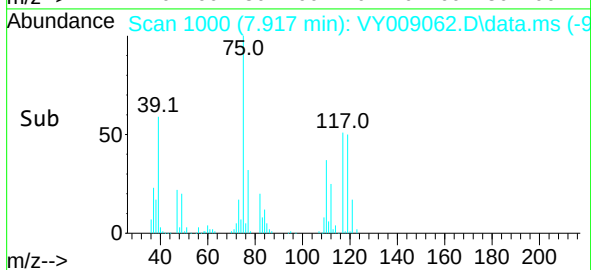
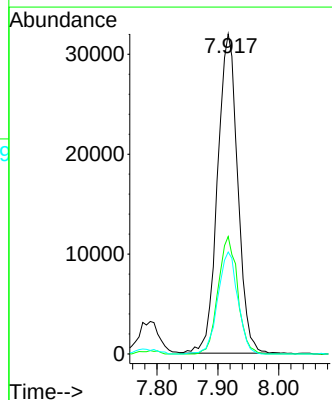
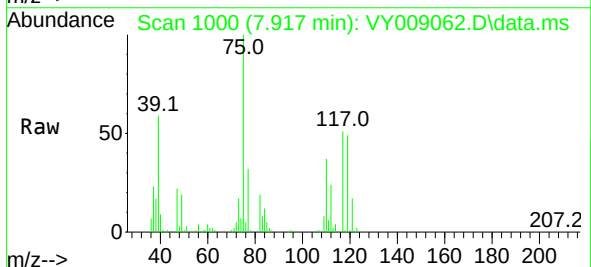
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

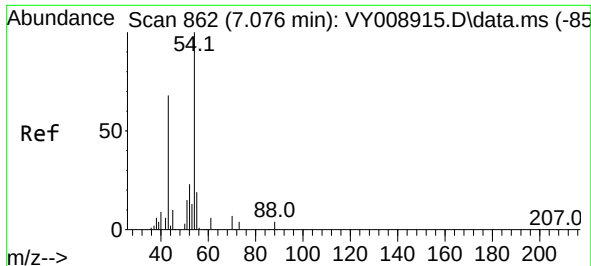
Tgt Ion:113 Resp: 35048
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 44.046 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 75 Resp: 73414
Ion Ratio Lower Upper
75 100
110 35.4 17.1 51.2
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 48.433 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.007 min

Lab File: VY009062.D

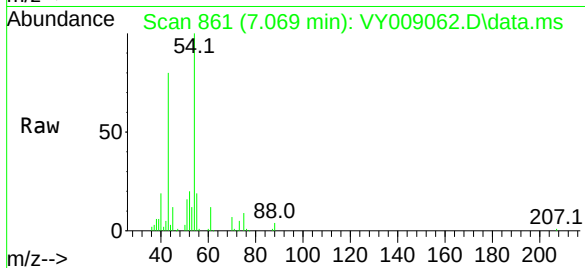
Acq: 24 May 2022 15:18

Instrument :

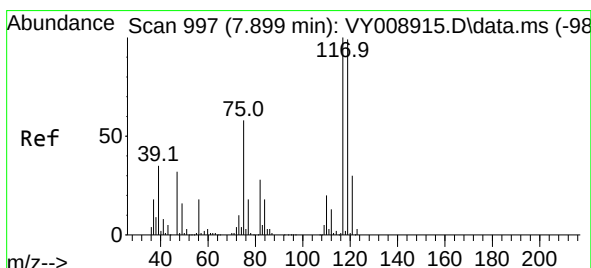
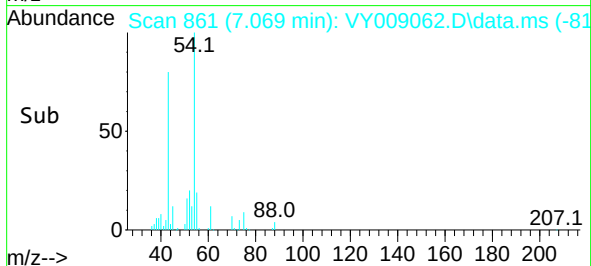
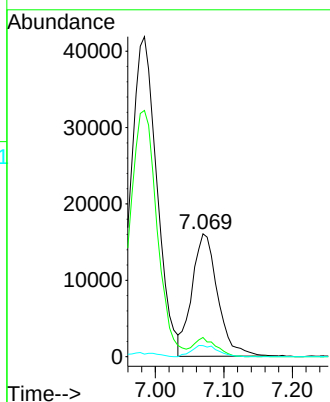
MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD



Tgt Ion:	43	Resp:	41875
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	9.2	7.1	10.7



#38

Carbon Tetrachloride

Concen: 44.220 ug/l

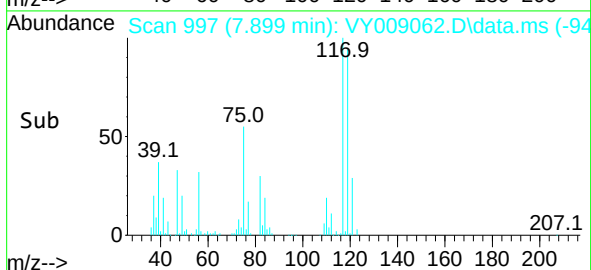
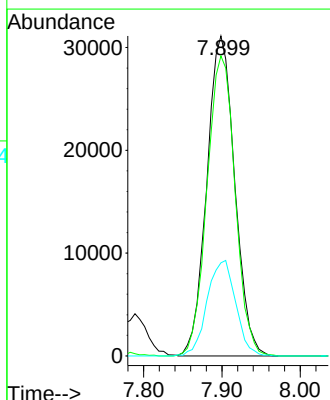
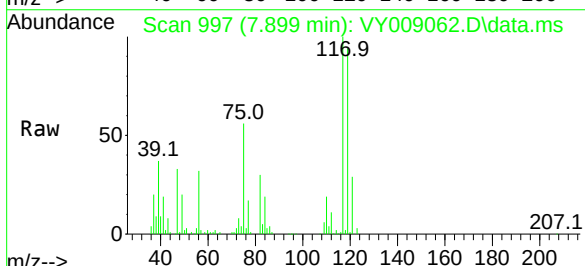
RT: 7.899 min Scan# 997

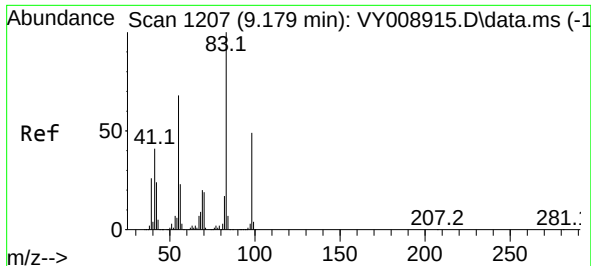
Delta R.T. -0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Tgt Ion:	117	Resp:	77102
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.9	116.9
121	29.1	24.8	37.2





#39

Methylcyclohexane

Concen: 39.786 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009062.D

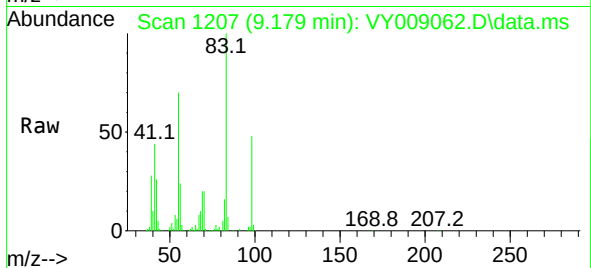
Acq: 24 May 2022 15:18

Instrument :

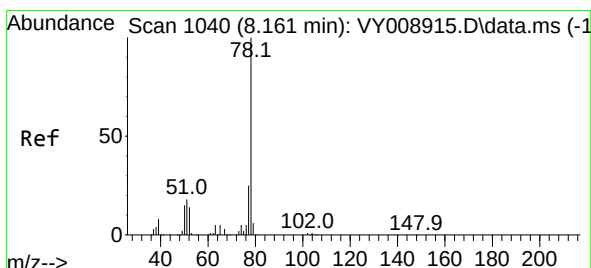
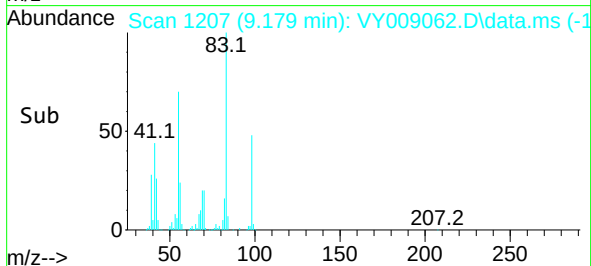
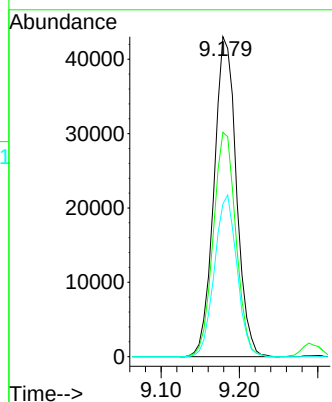
MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD



Tgt Ion:	83	Resp:	85597
Ion	Ratio	Lower	Upper
83	100		
55	70.1	66.5	99.7
98	47.8	37.9	56.9



#40

Benzene

Concen: 48.322 ug/l

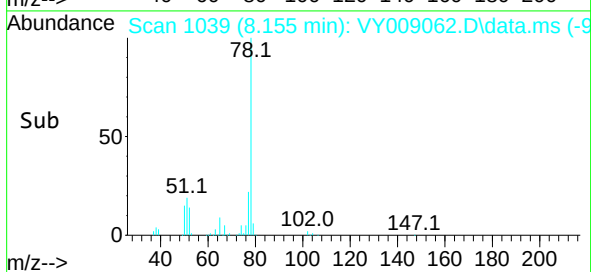
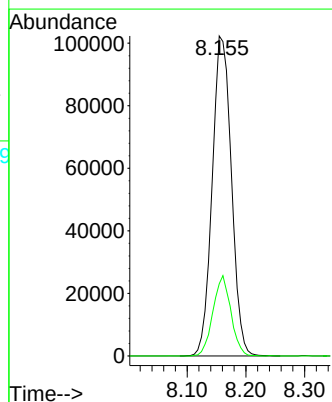
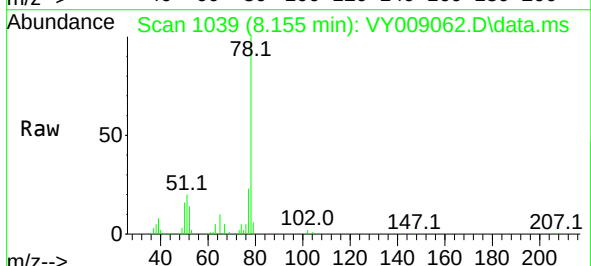
RT: 8.155 min Scan# 1039

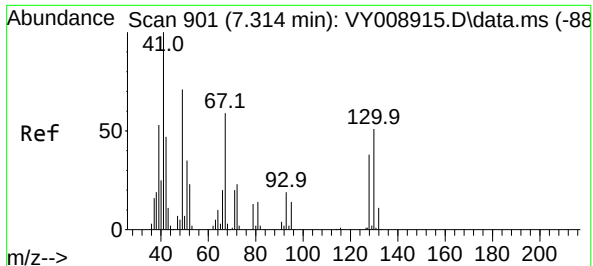
Delta R.T. -0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Tgt Ion:	78	Resp:	232248
Ion	Ratio	Lower	Upper
78	100		
77	22.6	20.4	30.6

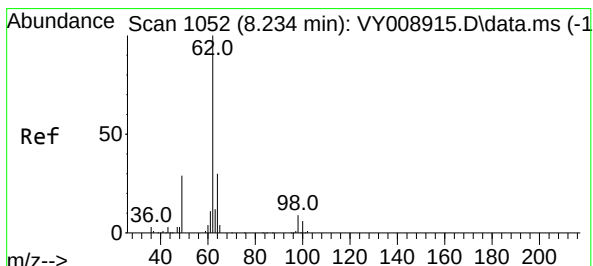
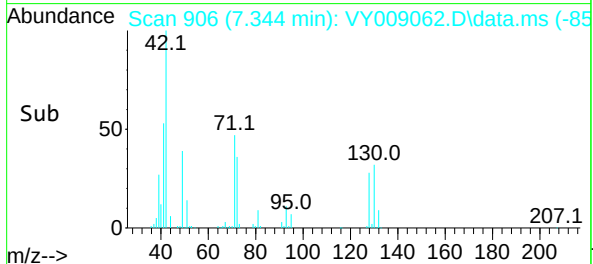
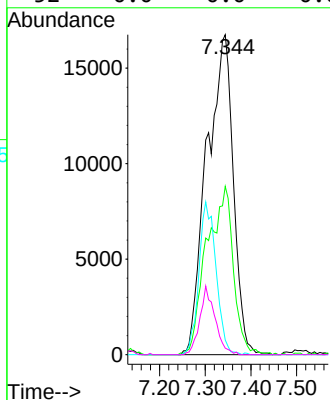
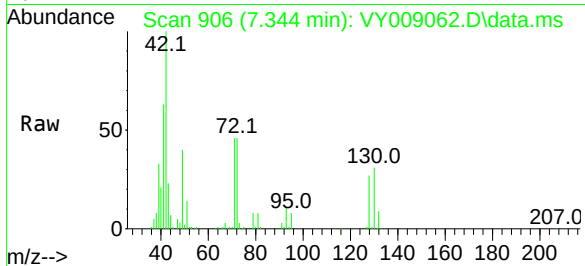




#41
Methacrylonitrile
Concen: 151.350 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

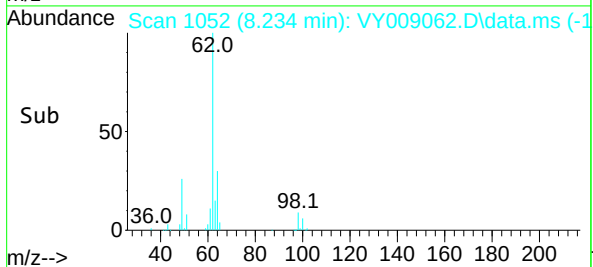
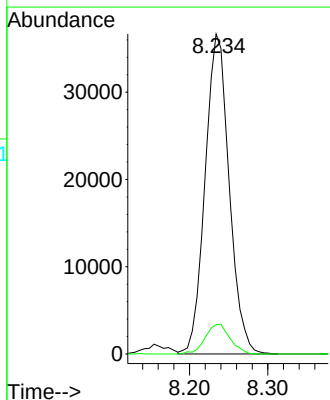
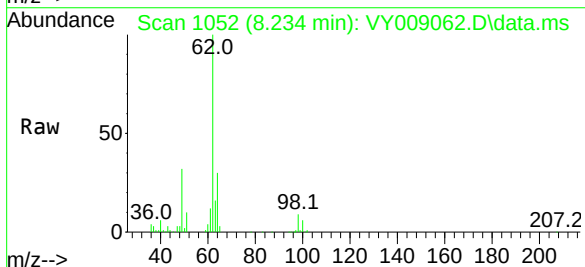
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

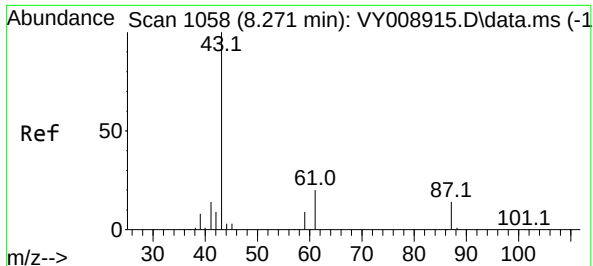
Tgt Ion: 41 Resp: 67526
Ion Ratio Lower Upper
41 100
39 52.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.471 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 62 Resp: 78287
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8

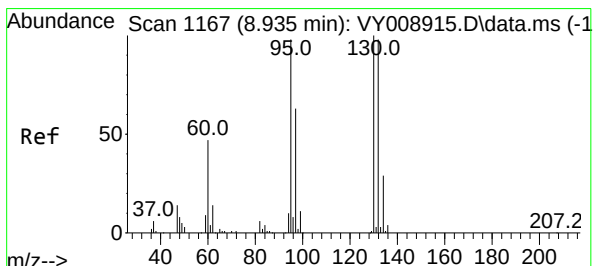
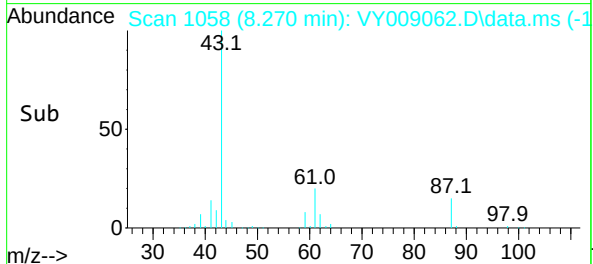
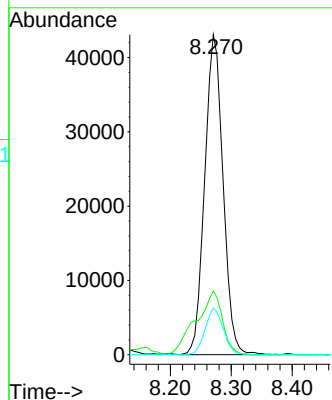
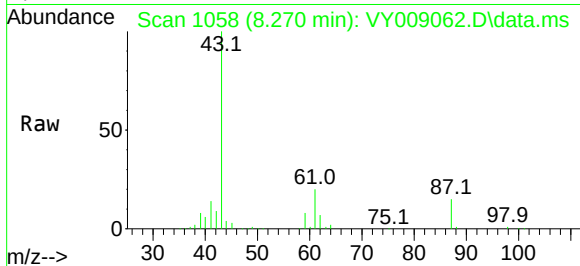




#43
Isopropyl Acetate
Concen: 56.068 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

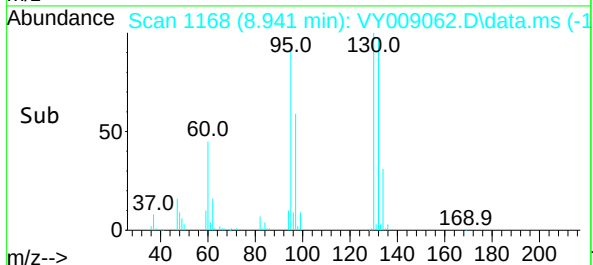
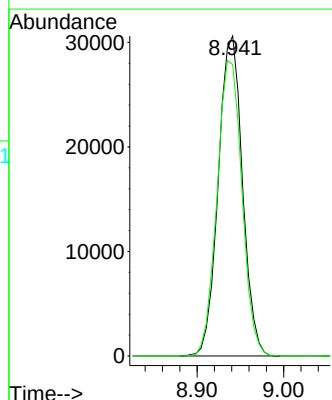
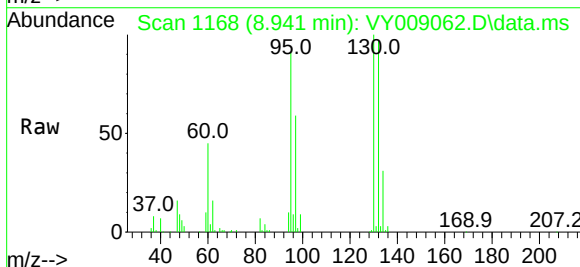
Instrument : MSVOA_Y
ClientSampleId : P037-SS001-1218-01MSD

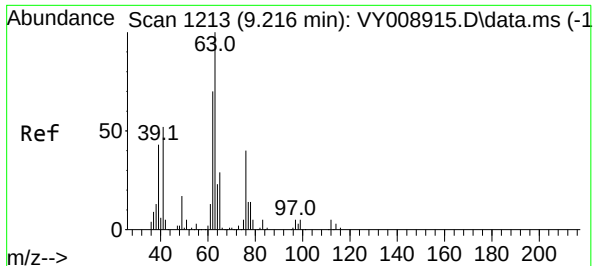
Tgt Ion: 43 Resp: 90137
Ion Ratio Lower Upper
43 100
61 28.8 20.2 30.2
87 14.3 8.9 13.3#



#44
Trichloroethene
Concen: 46.568 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:130 Resp: 59263
Ion Ratio Lower Upper
130 100
95 91.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.898 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

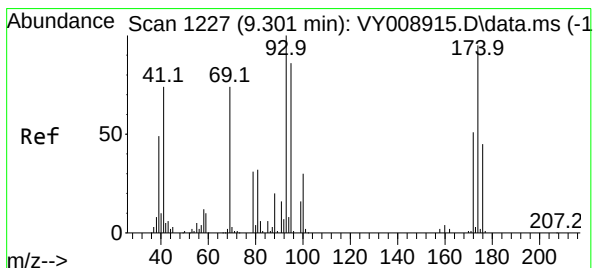
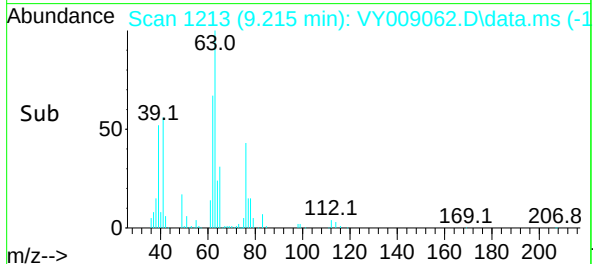
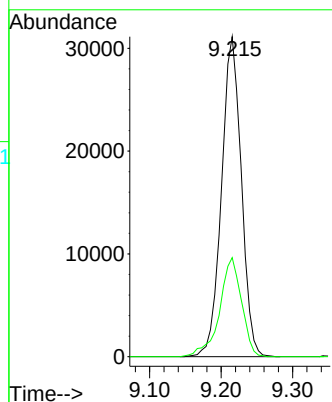
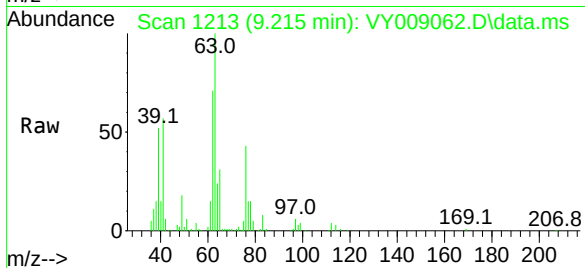
P037-SS001-1218-01MSD

Tgt Ion: 63 Resp: 59893

Ion Ratio Lower Upper

63 100

65 31.0 23.0 34.6



#46

Dibromomethane

Concen: 54.650 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

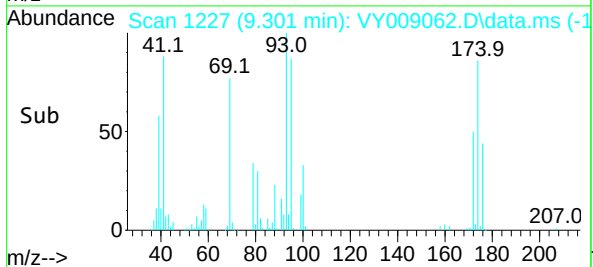
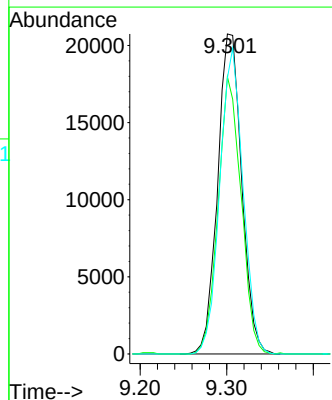
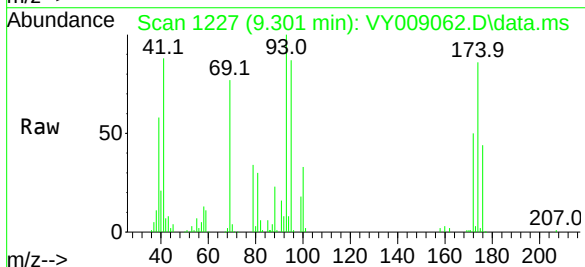
Tgt Ion: 93 Resp: 40103

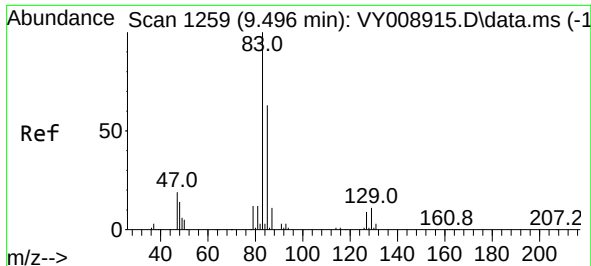
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 91.9 83.4 125.0

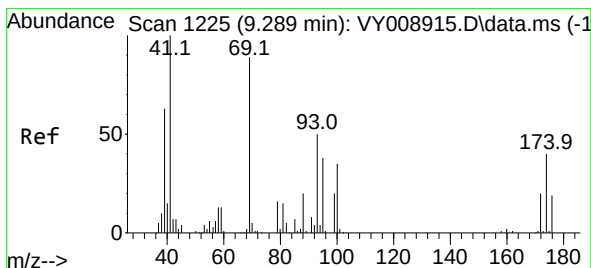
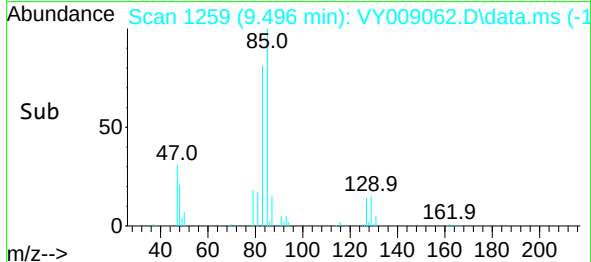
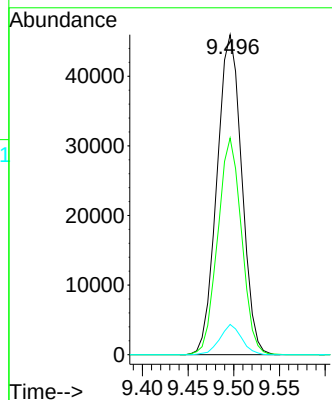
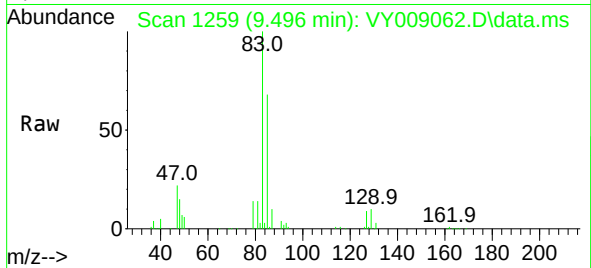




#47
Bromodichloromethane
Concen: 51.776 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

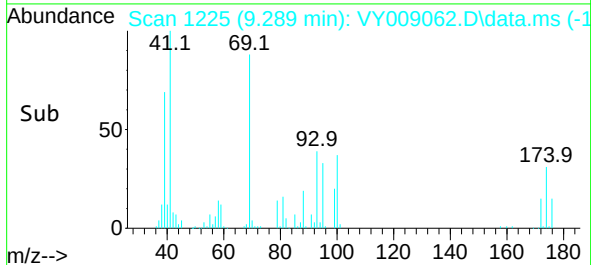
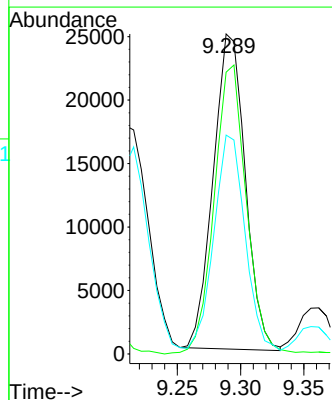
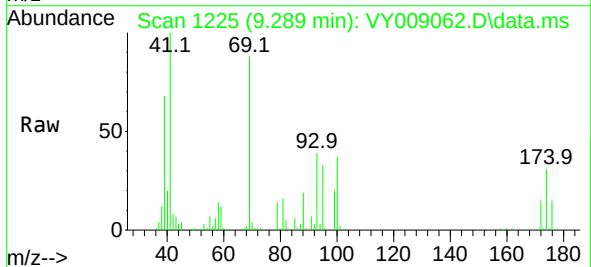
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

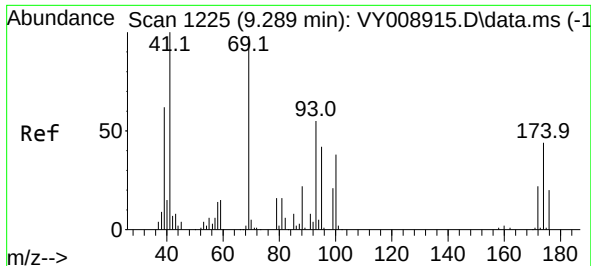
Tgt Ion: 83 Resp: 86833
Ion Ratio Lower Upper
83 100
85 67.7 51.9 77.9
127 9.5 6.6 10.0



#48
Methyl methacrylate
Concen: 60.953 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 41 Resp: 43755
Ion Ratio Lower Upper
41 100
69 92.3 58.2 87.2#
39 68.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1162.544 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

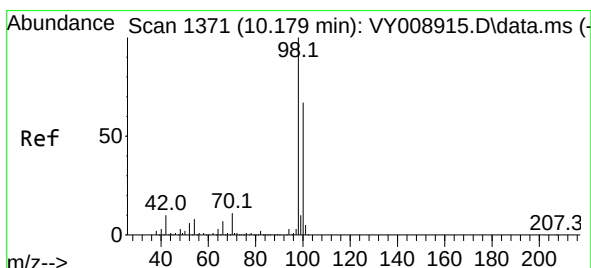
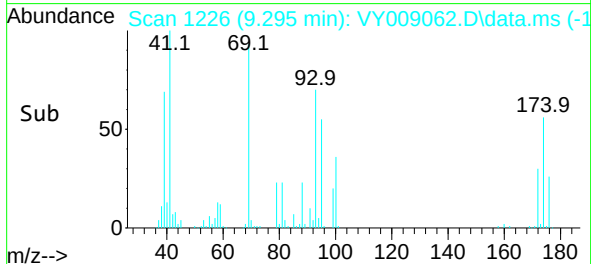
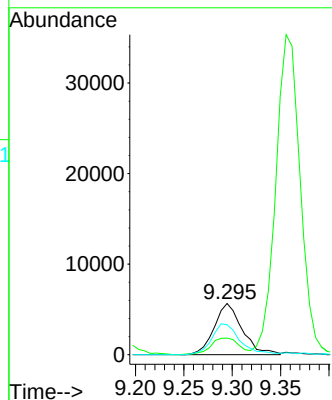
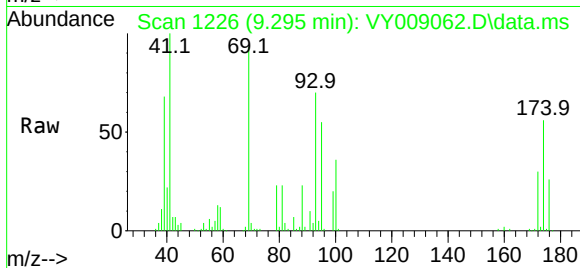
Tgt Ion: 88 Resp: 11404

Ion Ratio Lower Upper

88 100

43 33.5 32.8 49.2

58 60.5 59.8 89.6



#50

Toluene-d8

Concen: 29.245 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009062.D

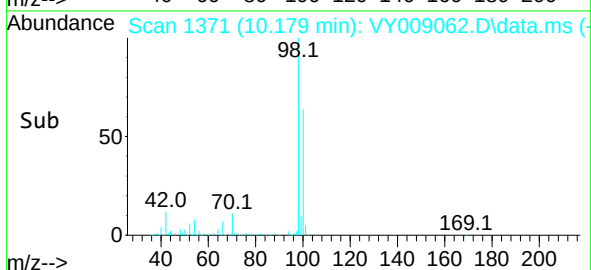
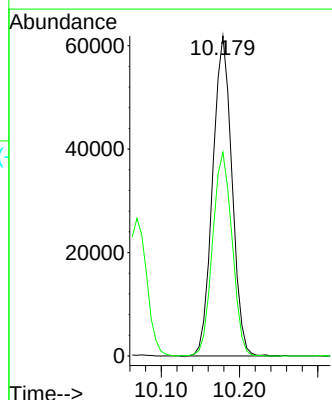
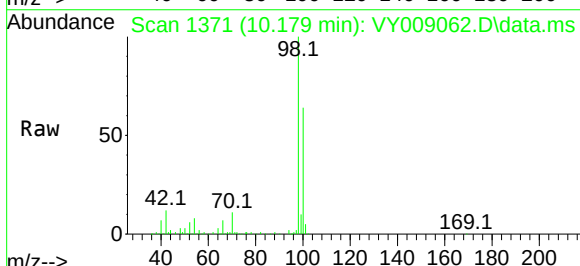
Acq: 24 May 2022 15:18

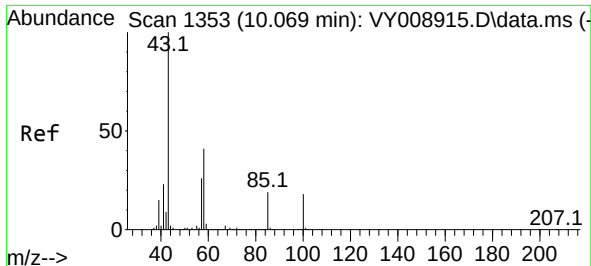
Tgt Ion: 98 Resp: 105667

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2

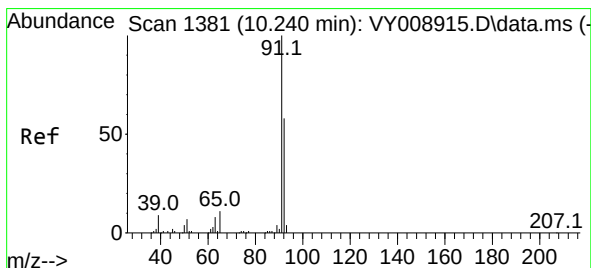
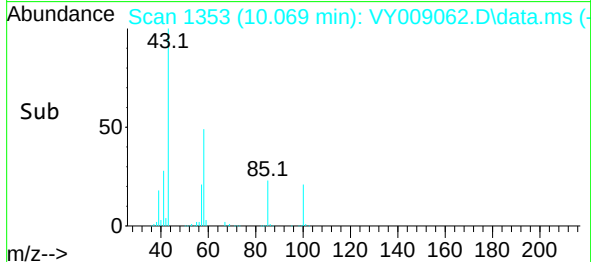
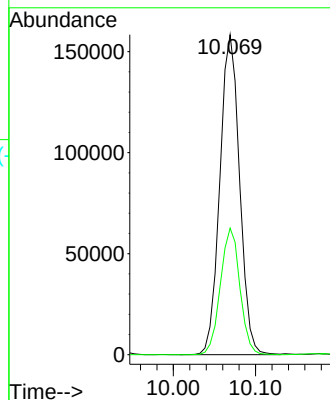
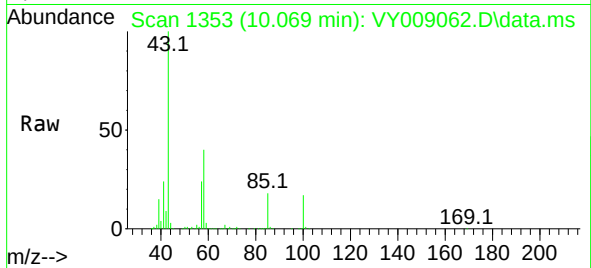




#51
4-Methyl-2-Pentanone
Concen: 297.221 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

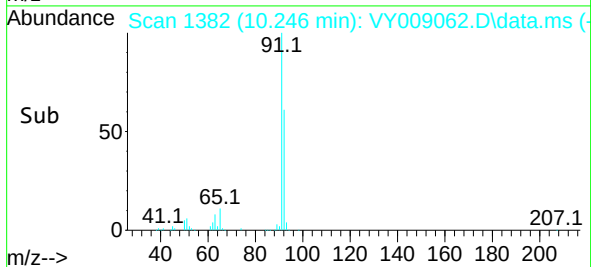
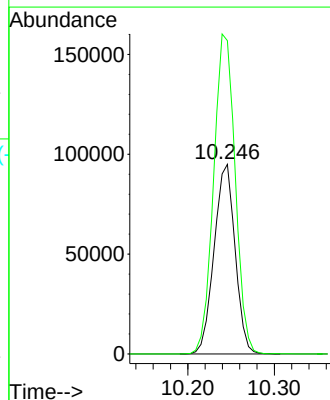
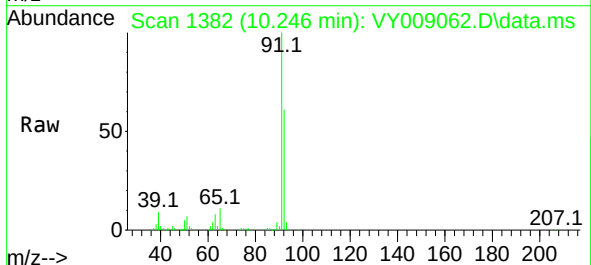
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

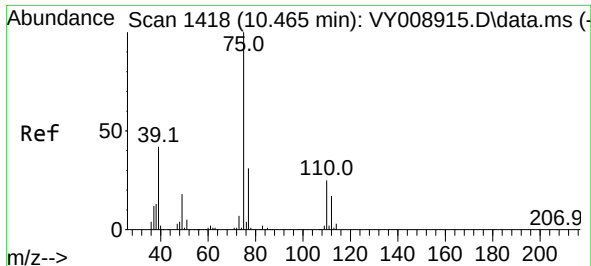
Tgt Ion: 43 Resp: 264443
Ion Ratio Lower Upper
43 100
58 39.0 28.1 42.1



#52
Toluene
Concen: 47.584 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 92 Resp: 159828
Ion Ratio Lower Upper
92 100
91 173.6 142.6 213.8

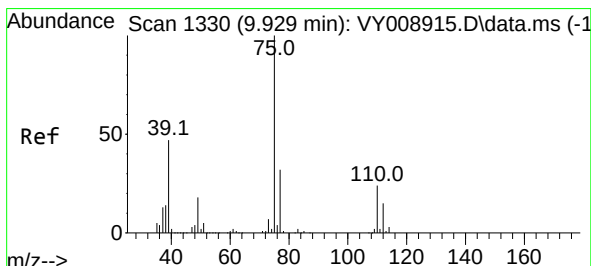
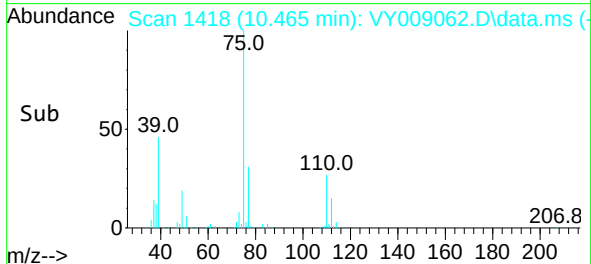
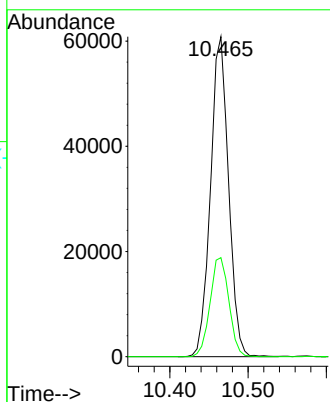
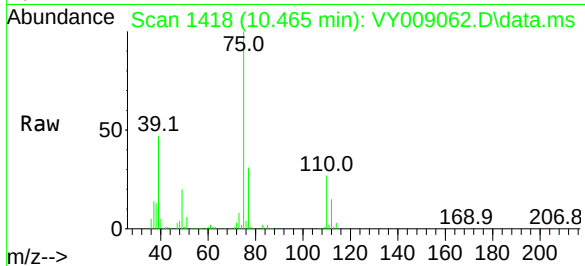




#53
t-1,3-Dichloropropene
Concen: 54.659 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

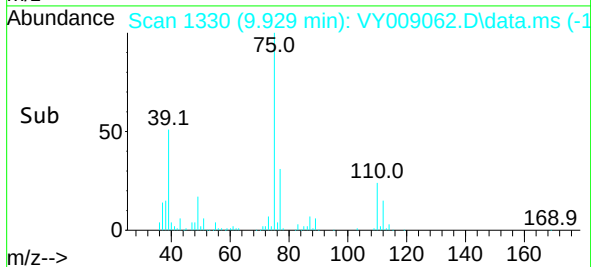
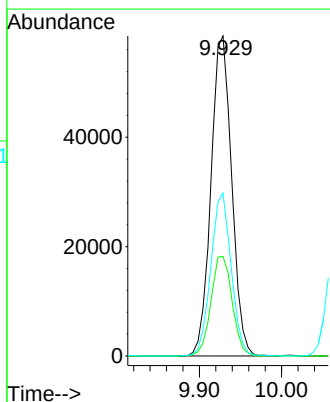
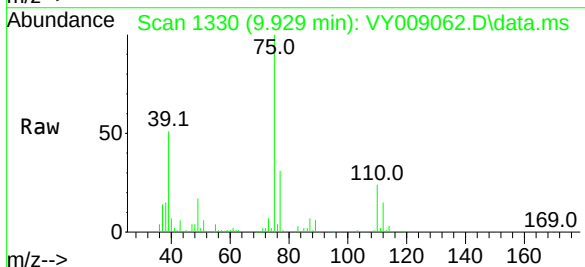
Instrument : MSVOA_Y
ClientSampleId : P037-SS001-1218-01MSD

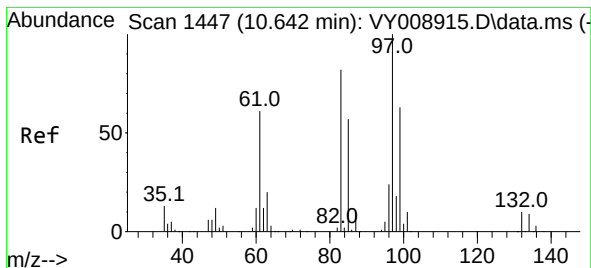
Tgt Ion: 75 Resp: 97344
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.523 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 75 Resp: 102472
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 50.9 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 53.573 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

Tgt Ion: 97 Resp: 55001

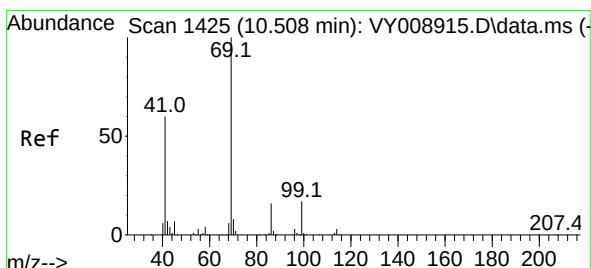
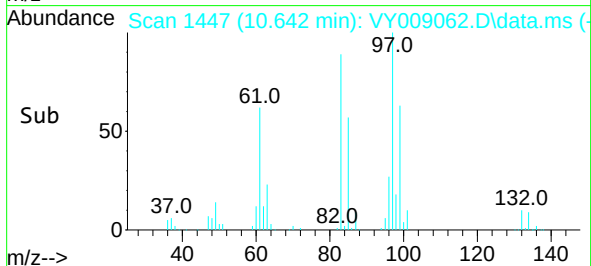
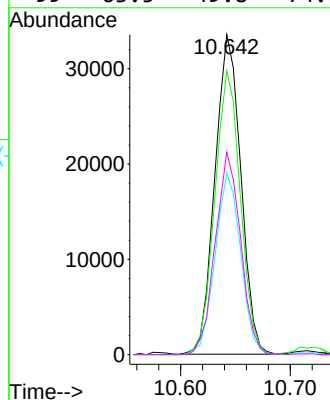
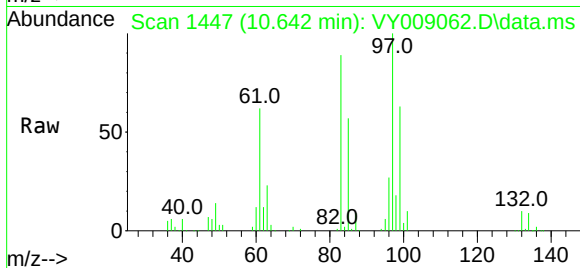
Ion Ratio Lower Upper

97 100

83 88.8 69.8 104.8

85 56.7 44.3 66.5

99 63.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 51.950 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

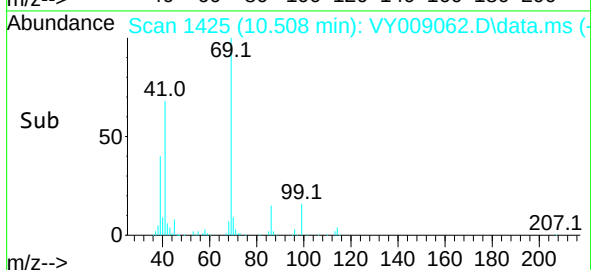
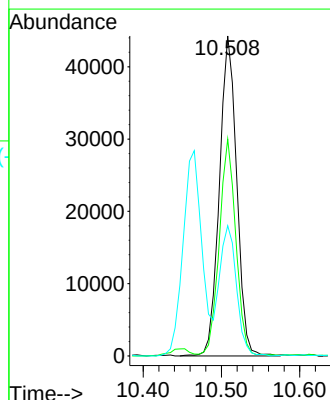
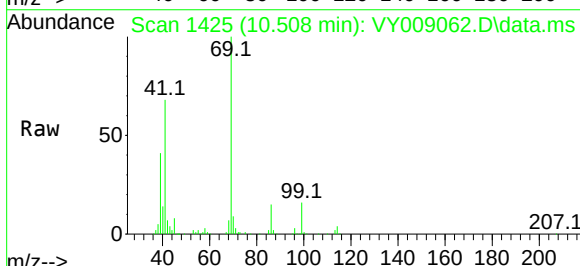
Tgt Ion: 69 Resp: 68188

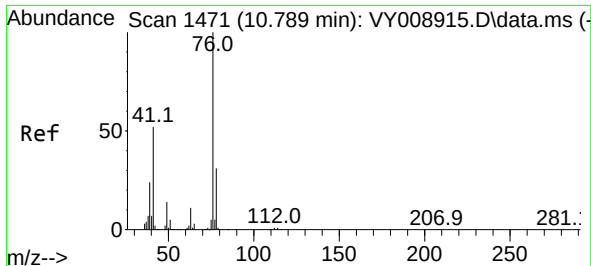
Ion Ratio Lower Upper

69 100

41 64.6 63.4 95.0

39 39.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 55.877 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

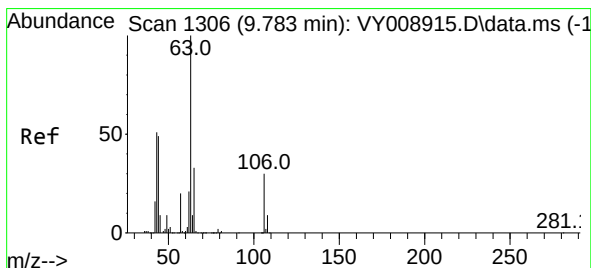
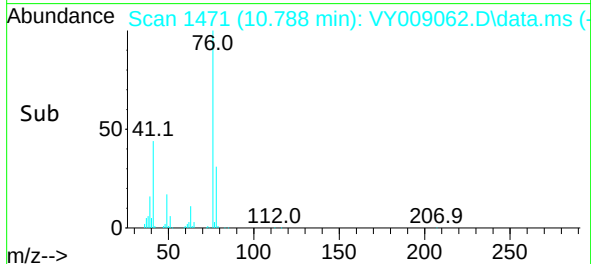
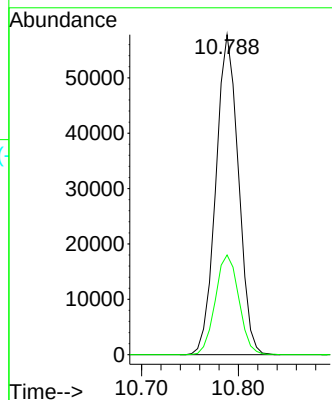
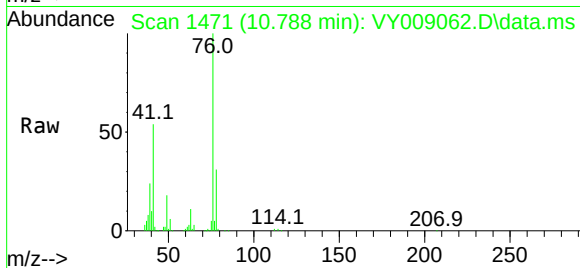
P037-SS001-1218-01MSD

Tgt Ion: 76 Resp: 93578

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 237.162 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY009062.D

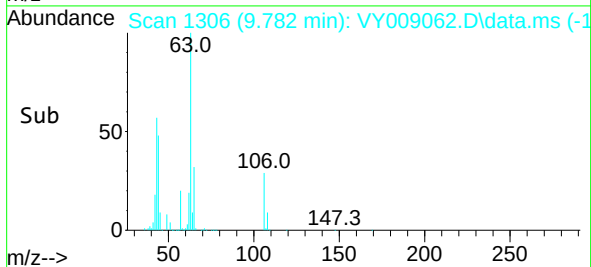
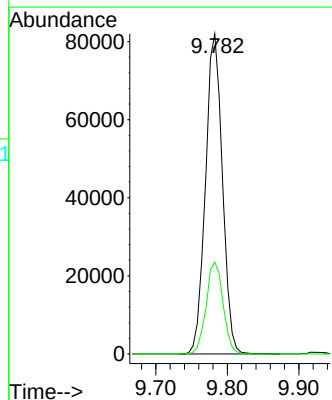
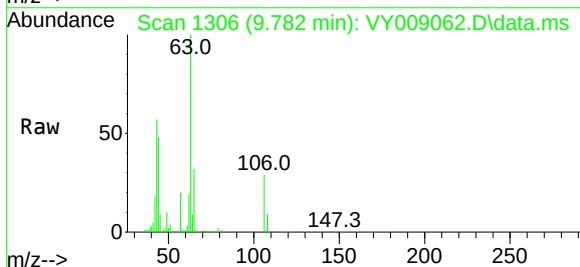
Acq: 24 May 2022 15:18

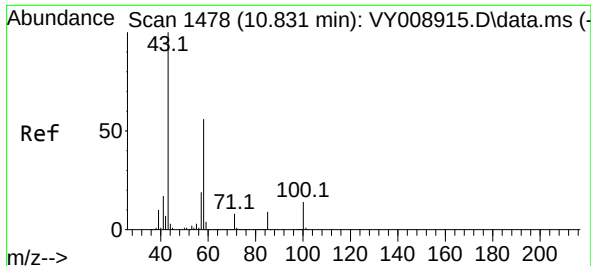
Tgt Ion: 63 Resp: 134674

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3

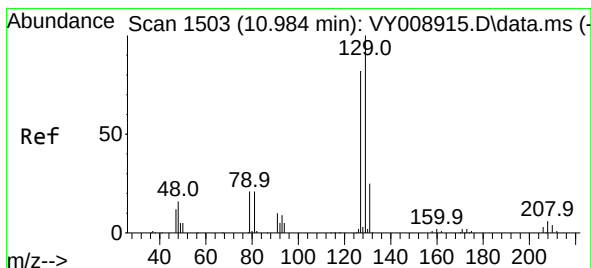
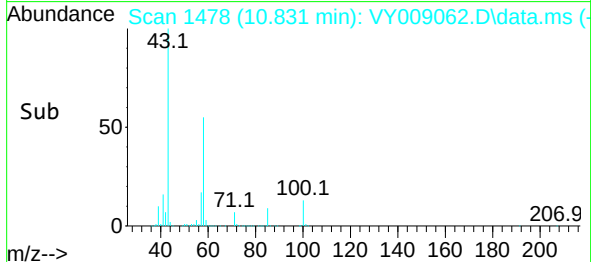
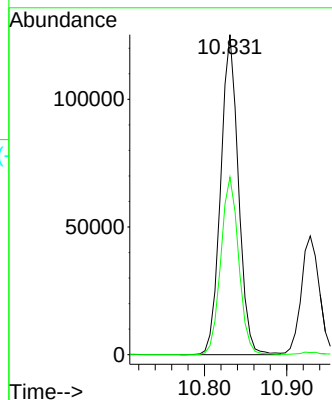
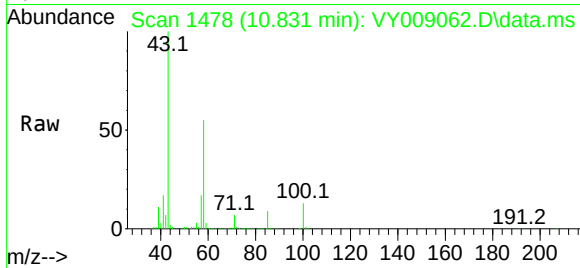




#59
2-Hexanone
Concen: 308.709 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

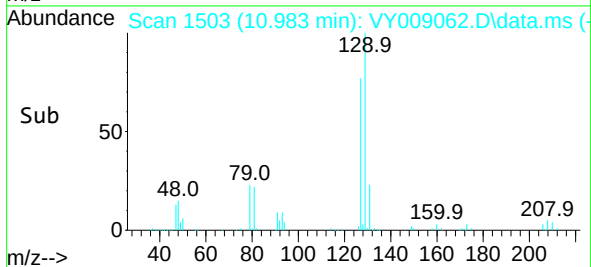
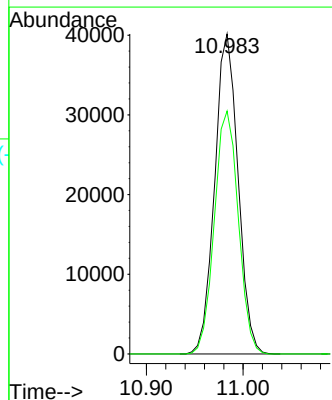
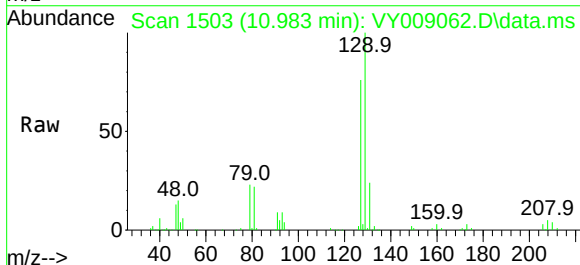
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

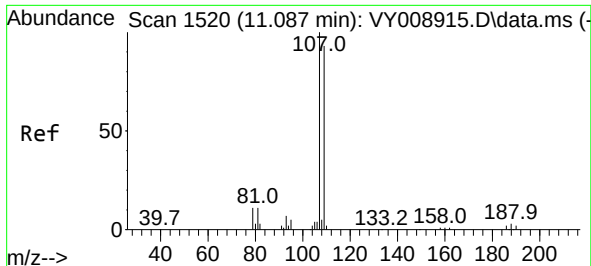
Tgt Ion: 43 Resp: 188055
Ion Ratio Lower Upper
43 100
58 55.8 24.4 73.4



#60
Dibromochloromethane
Concen: 54.059 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 129 Resp: 67277
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

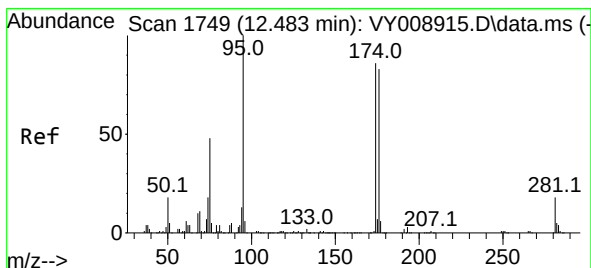
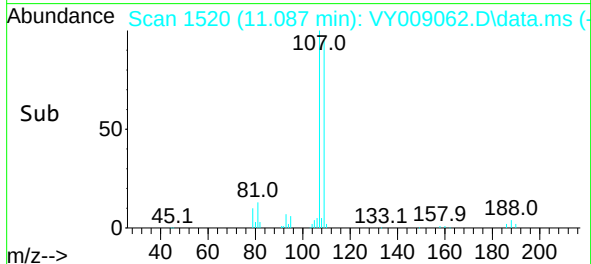
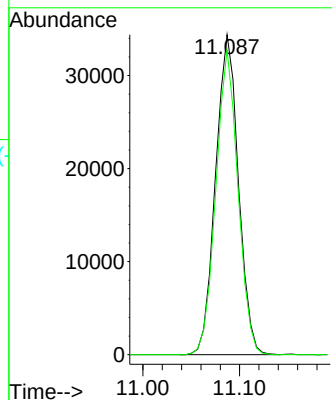
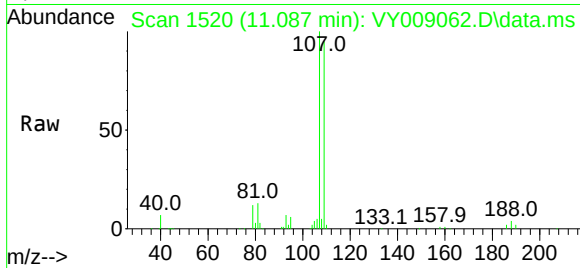




#61
1,2-Dibromoethane
Concen: 55.367 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

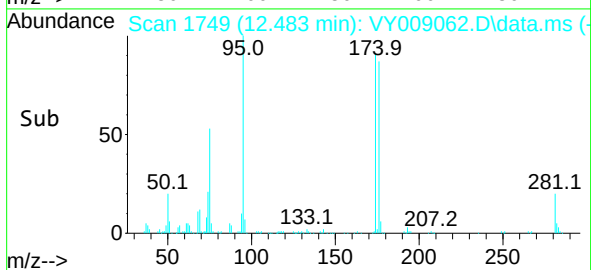
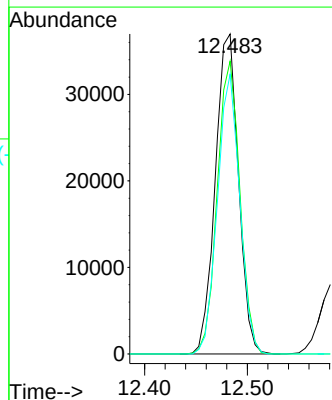
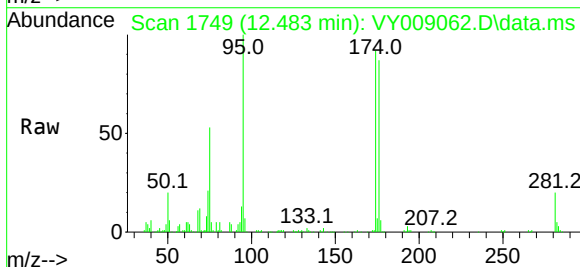
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

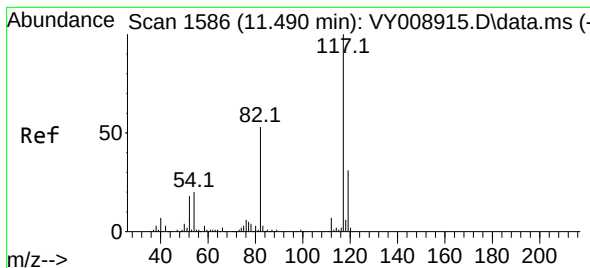
Tgt Ion:107 Resp: 56327
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 39.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 95 Resp: 57765
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 84.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

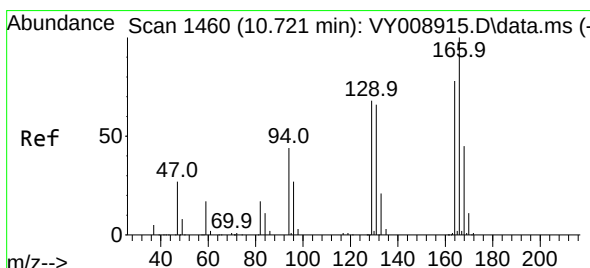
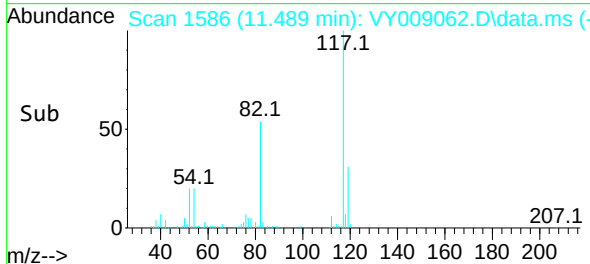
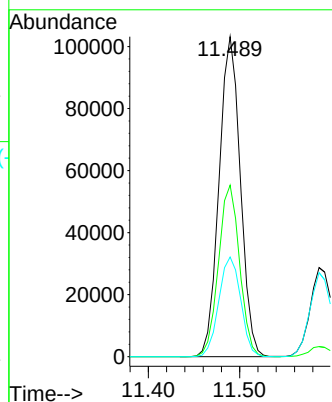
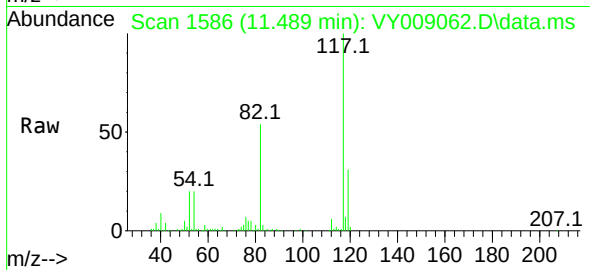
Tgt Ion:117 Resp: 167326

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 49.594 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Tgt Ion:164 Resp: 60401

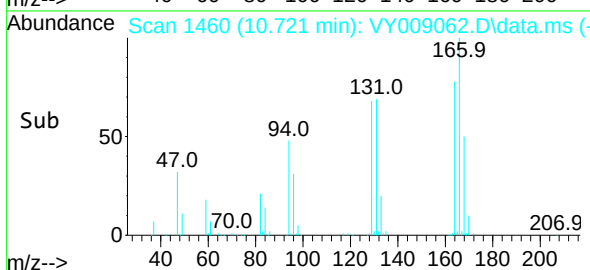
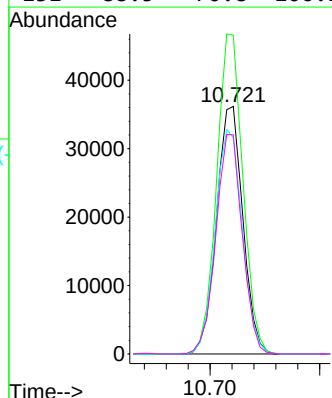
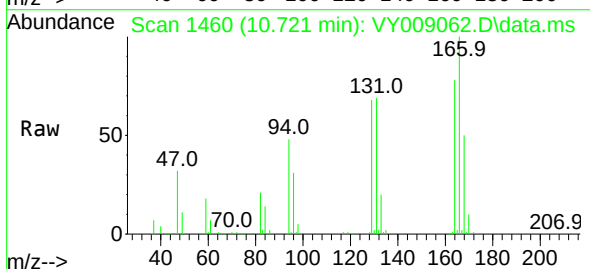
Ion Ratio Lower Upper

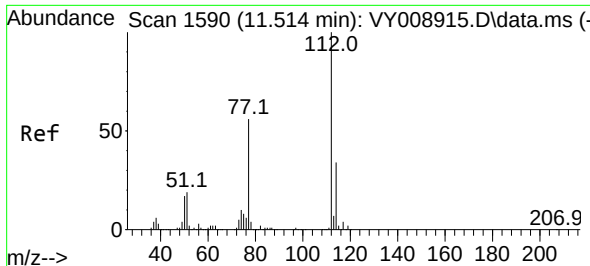
164 100

166 128.8 100.4 150.6

129 87.3 71.4 107.0

131 88.5 70.8 106.2

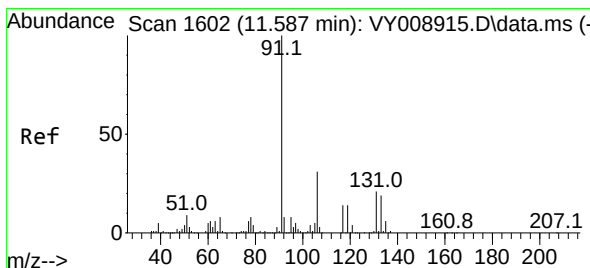
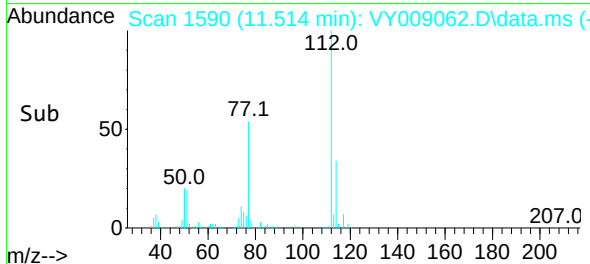
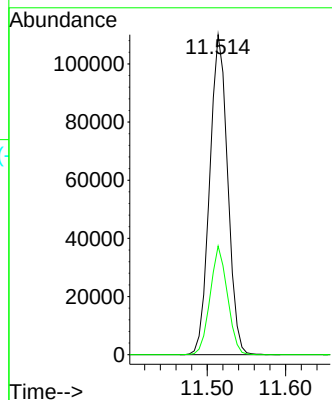
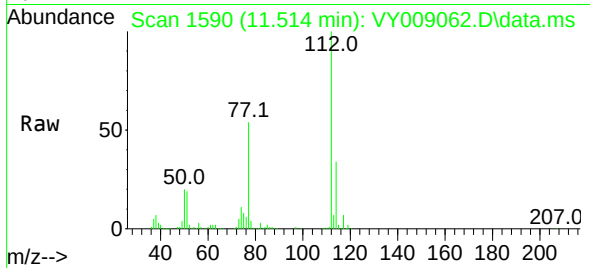




#65
Chlorobenzene
Concen: 45.638 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

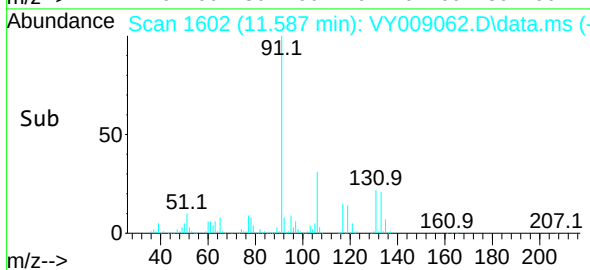
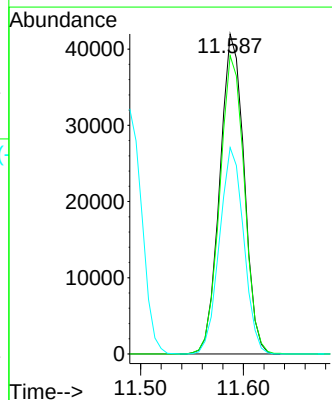
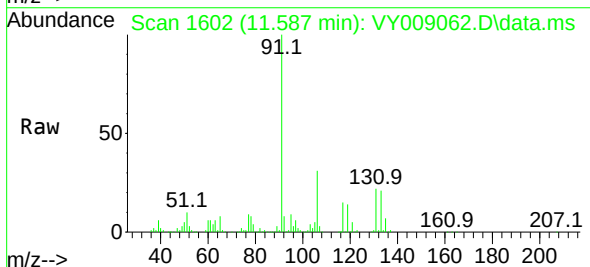
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

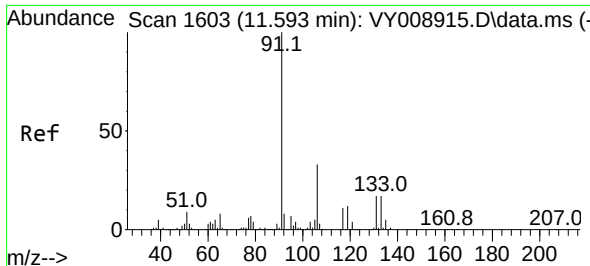
Tgt Ion:112 Resp: 175274
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.721 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:131 Resp: 68514
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 64.6 30.8 92.3

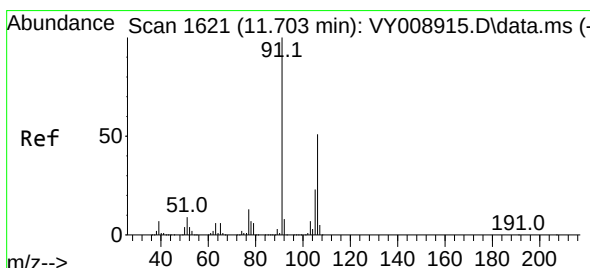
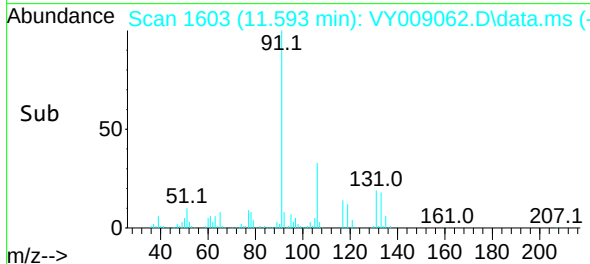
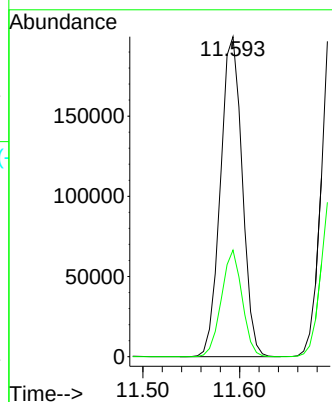
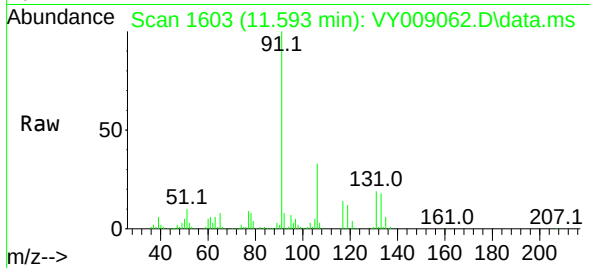




#67
Ethyl Benzene
Concen: 44.964 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

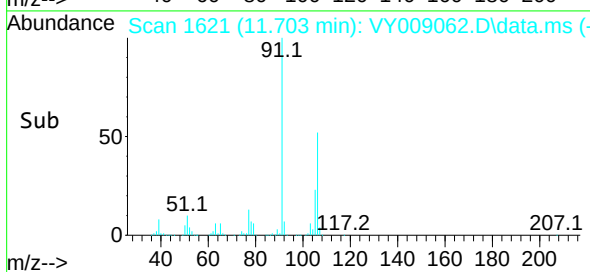
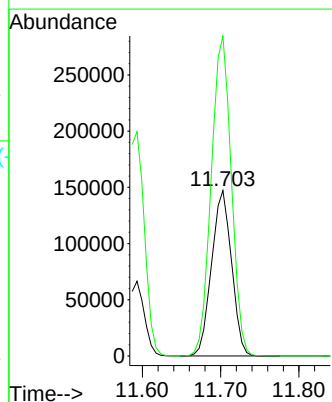
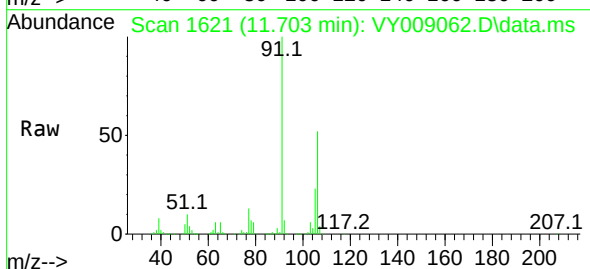
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

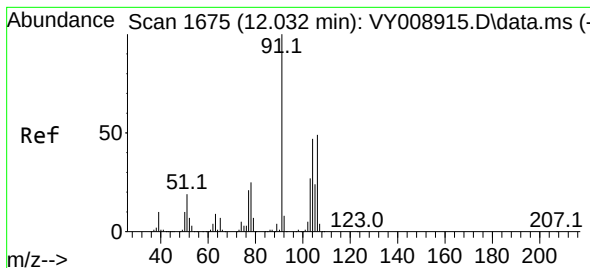
Tgt Ion: 91 Resp: 311203
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7



#68
m/p-Xylenes
Concen: 92.709 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 106 Resp: 260479
Ion Ratio Lower Upper
106 100
91 194.3 166.6 249.8





#69

o-Xylene

Concen: 48.045 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

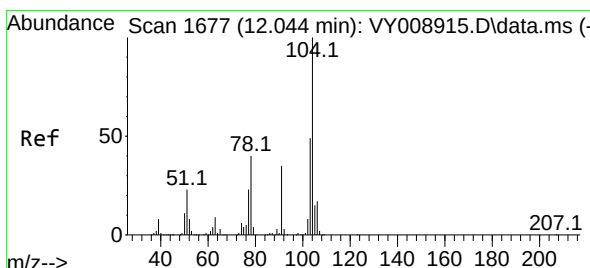
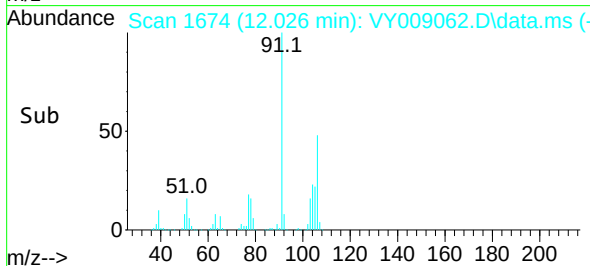
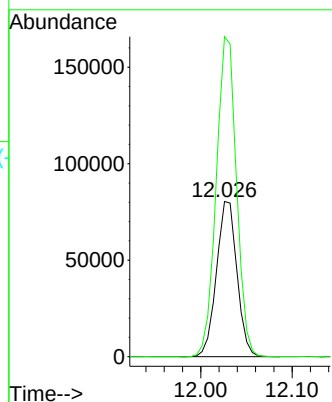
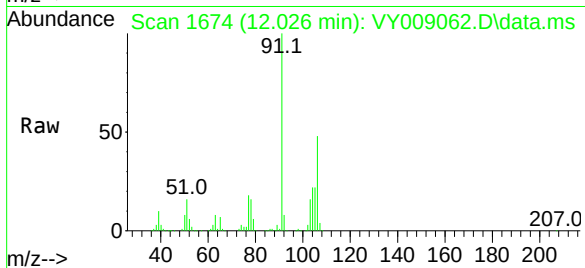
P037-SS001-1218-01MSD

Tgt Ion:106 Resp: 125355

Ion Ratio Lower Upper

106 100

91 204.2 110.3 331.0



#70

Styrene

Concen: 50.022 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

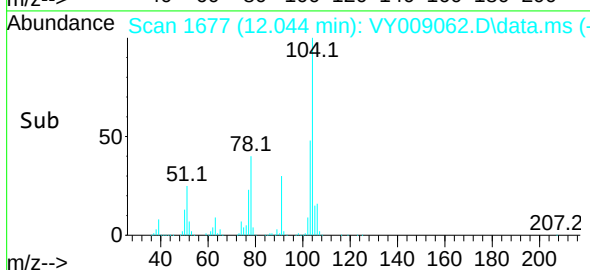
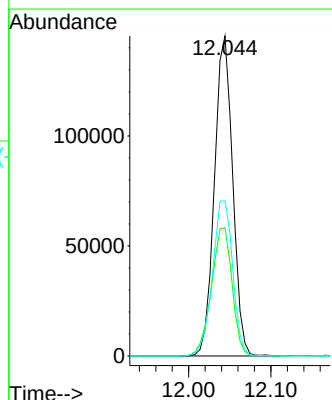
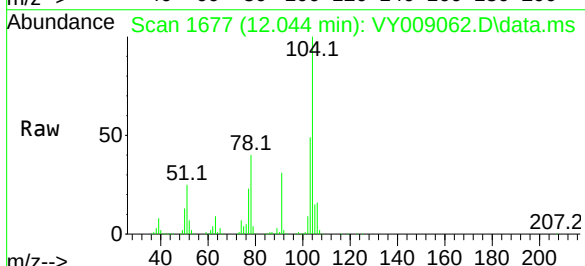
Tgt Ion:104 Resp: 224444

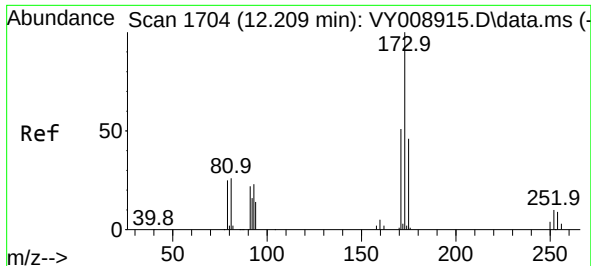
Ion Ratio Lower Upper

104 100

78 45.4 42.4 63.6

103 53.8 44.4 66.6

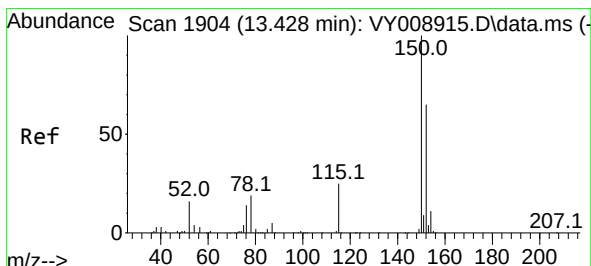
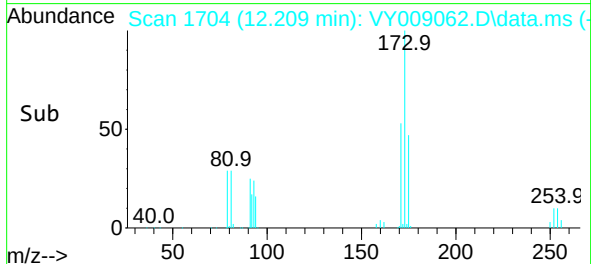
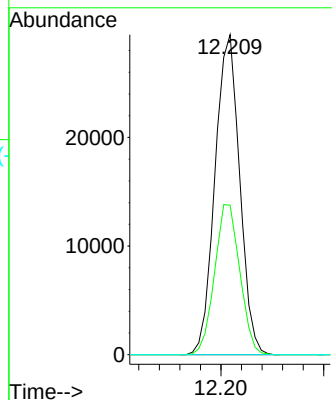
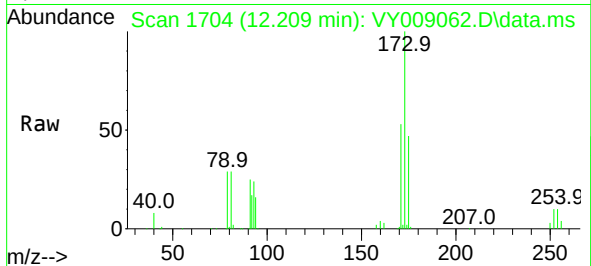




#71
Bromoform
Concen: 52.604 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

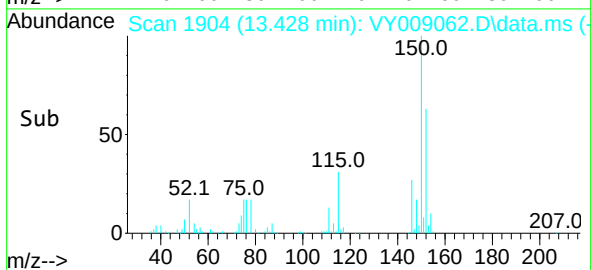
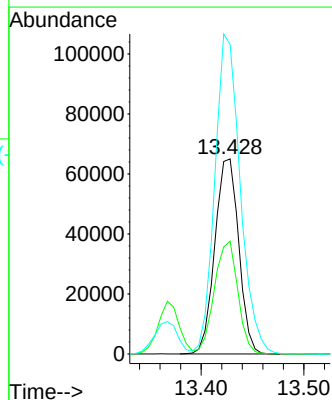
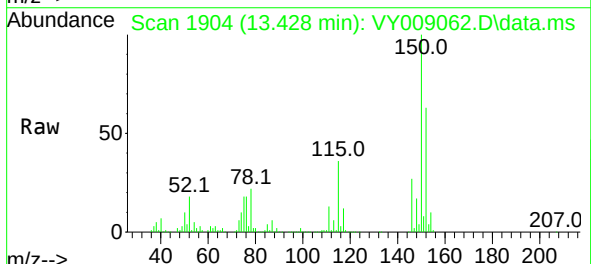
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

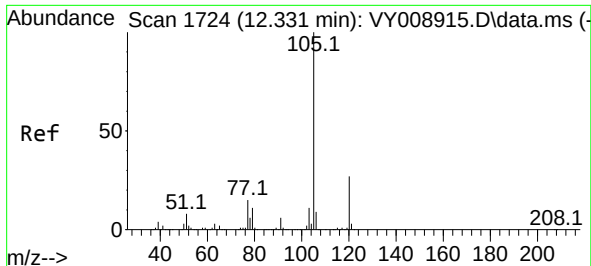
Tgt Ion:173 Resp: 49038
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:152 Resp: 104792
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 174.4 0.0 347.6

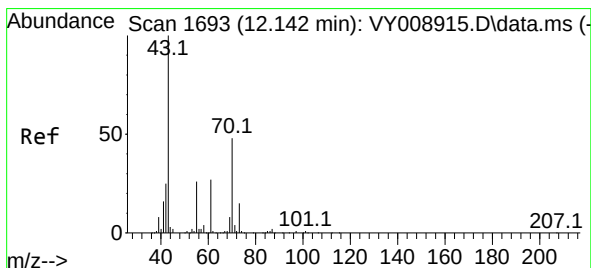
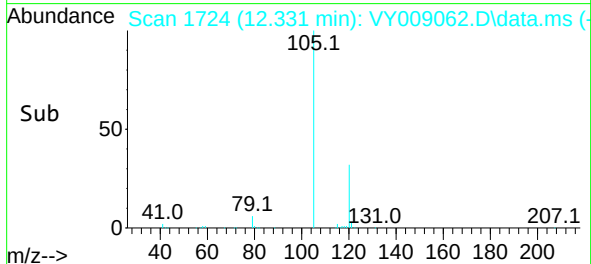
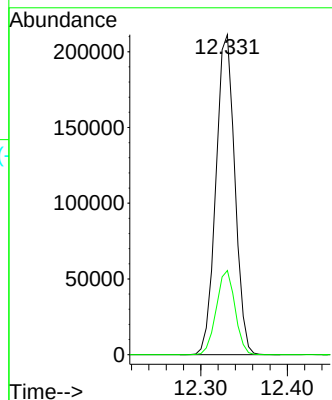
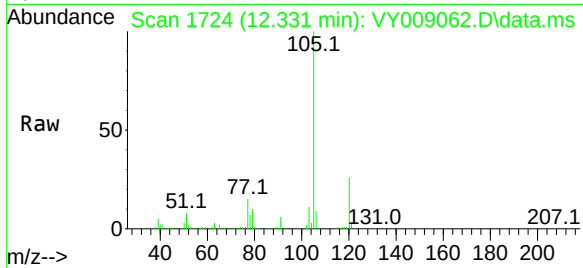




#73
Isopropylbenzene
Concen: 40.799 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

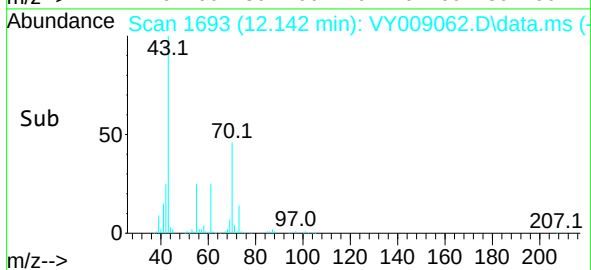
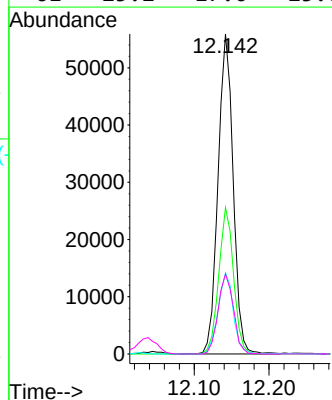
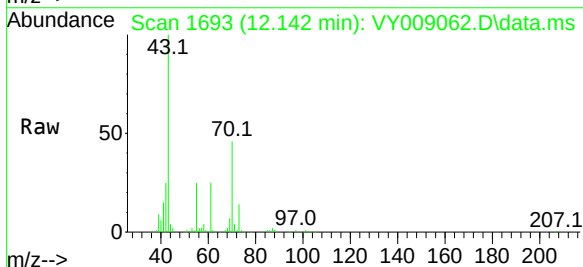
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

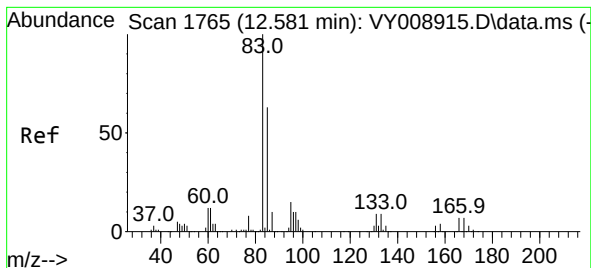
Tgt Ion:105 Resp: 319692
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2



#74
N-ethyl acetate
Concen: 43.557 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 43 Resp: 78746
Ion Ratio Lower Upper
43 100
70 44.8 28.7 43.1#
55 25.6 17.3 25.9
61 25.2 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.490 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

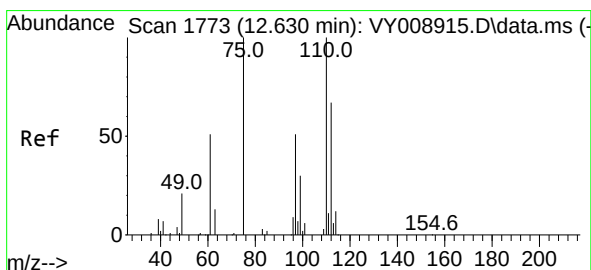
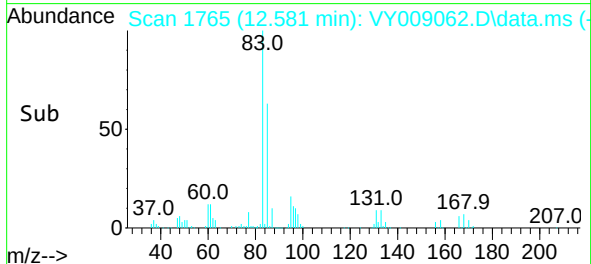
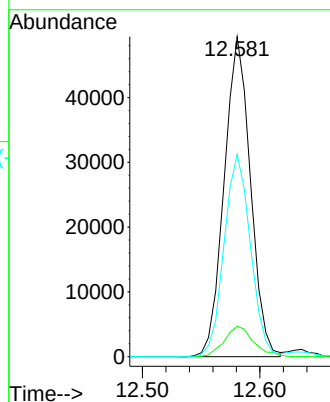
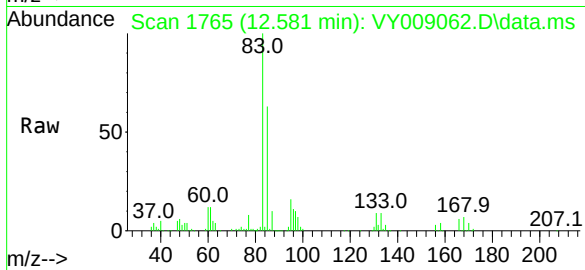
Tgt Ion: 83 Resp: 76656

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

85 63.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 87.299 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY009062.D

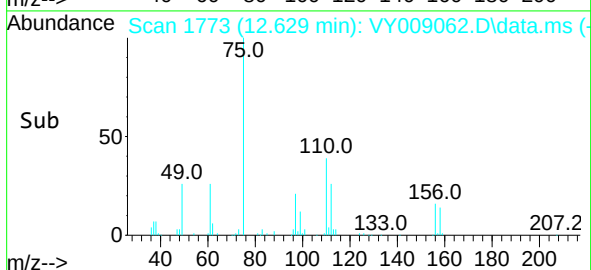
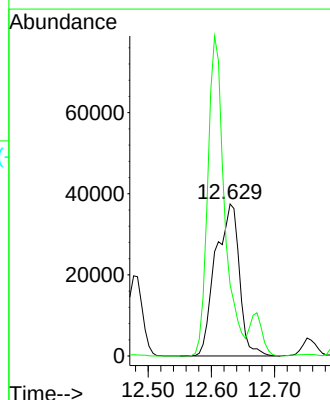
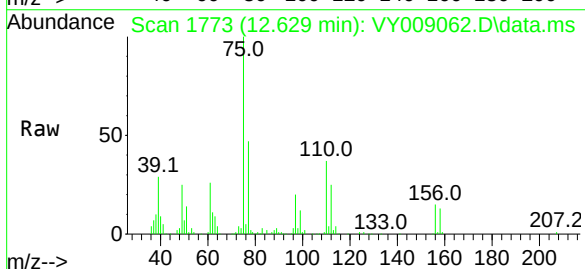
Acq: 24 May 2022 15:18

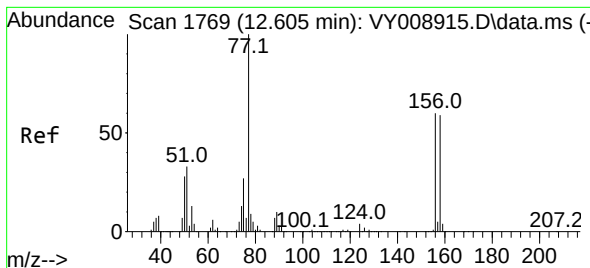
Tgt Ion: 75 Resp: 98241

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.950 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

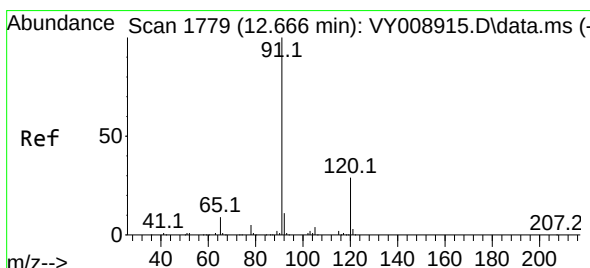
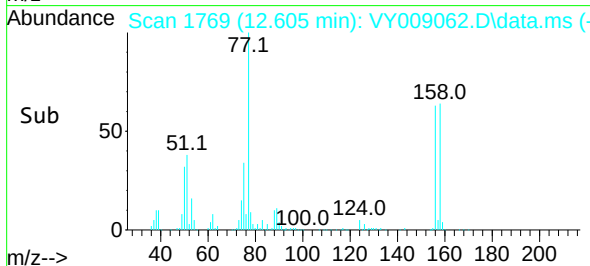
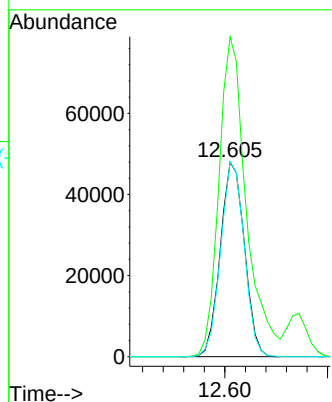
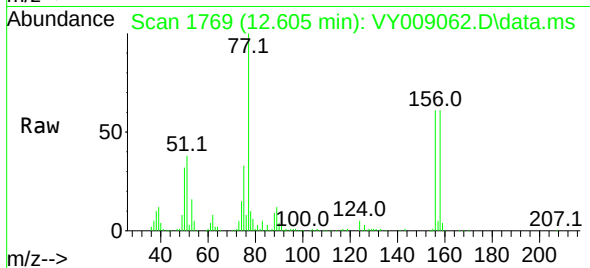
Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

Tgt Ion:	156	Resp:	78015
Ion Ratio	Lower	Upper	
156	100		
77	186.7	95.5	286.4
158	97.9	48.0	144.0



#78

n-propylbenzene

Concen: 43.381 ug/l

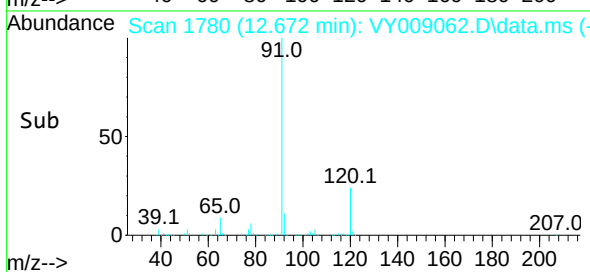
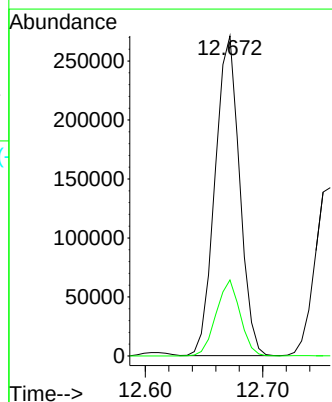
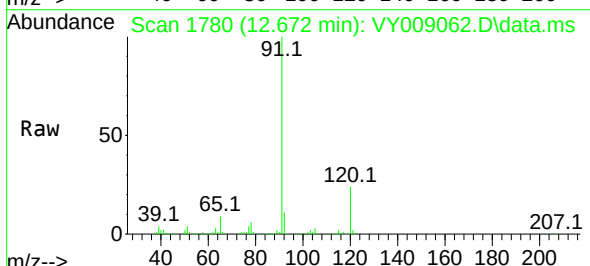
RT: 12.672 min Scan# 1780

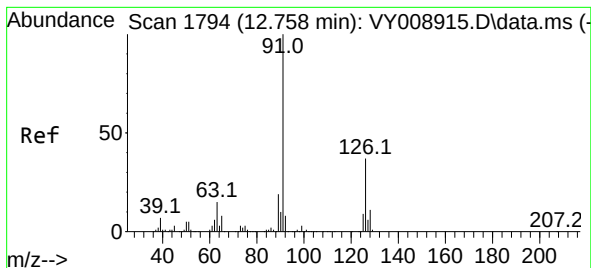
Delta R.T. 0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Tgt Ion:	91	Resp:	392734
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.3	33.9





#79

2-Chlorotoluene

Concen: 42.491 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

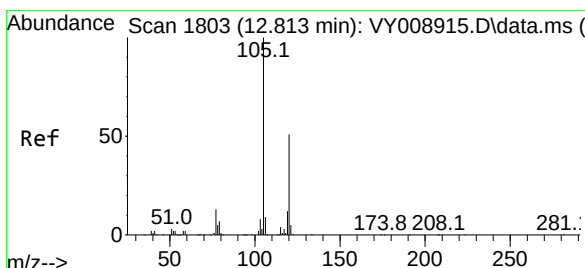
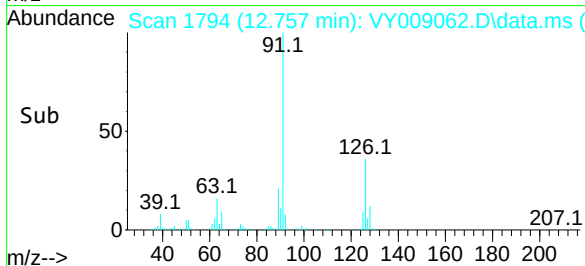
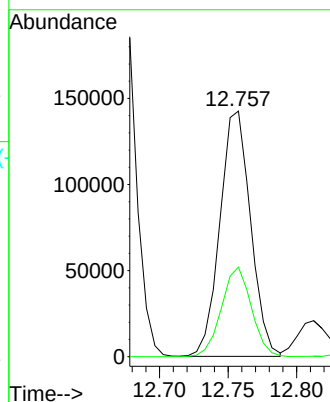
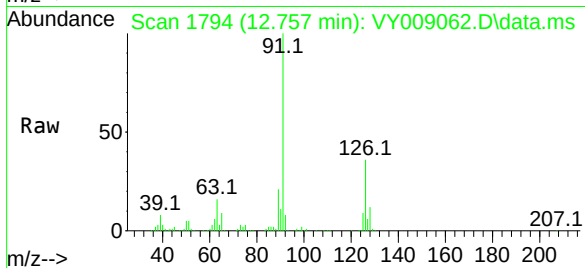
P037-SS001-1218-01MSD

Tgt Ion: 91 Resp: 221886

Ion Ratio Lower Upper

91 100

126 35.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 42.222 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY009062.D

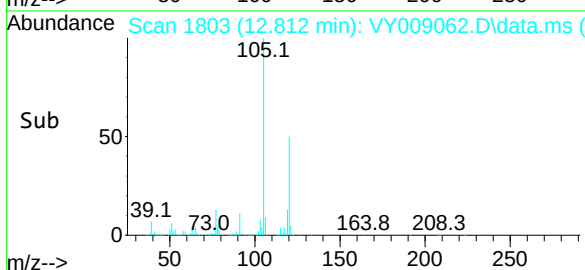
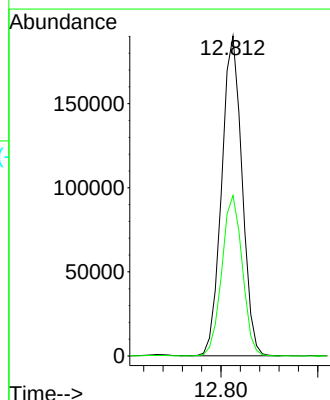
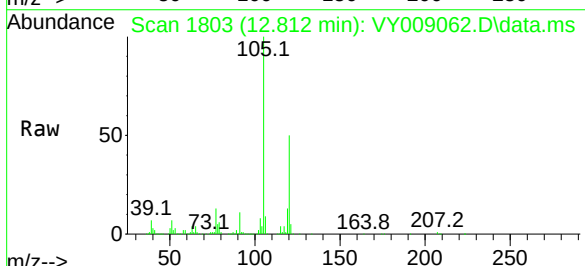
Acq: 24 May 2022 15:18

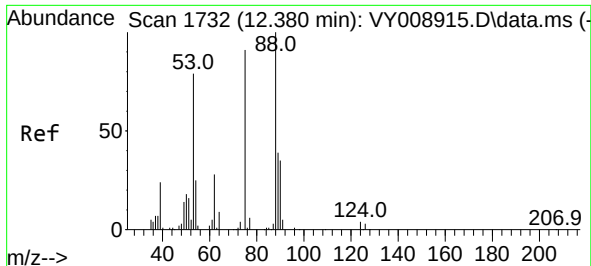
Tgt Ion: 105 Resp: 277302

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.4

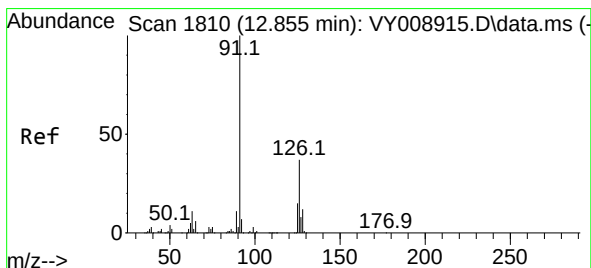
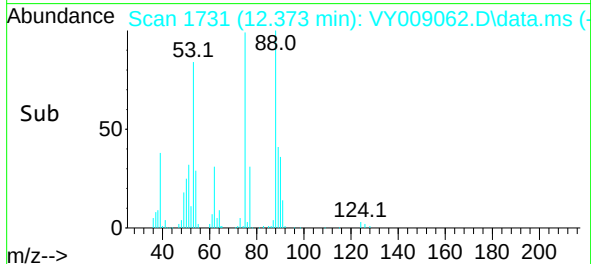
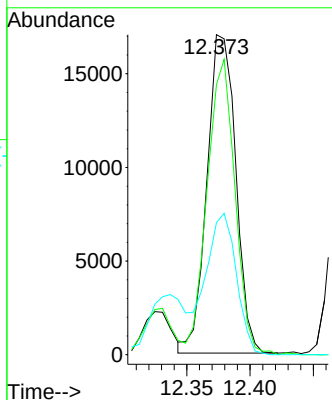
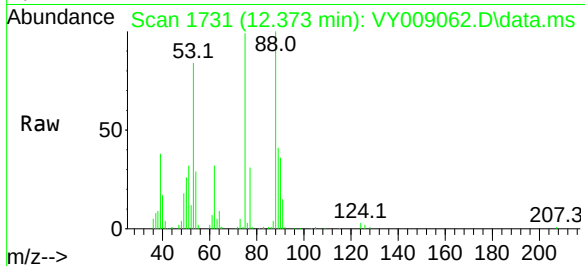




#81
trans-1,4-Dichloro-2-butene
Concen: 49.045 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

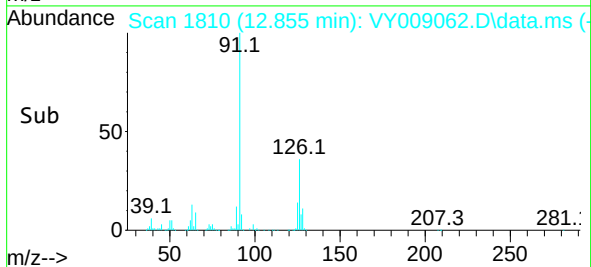
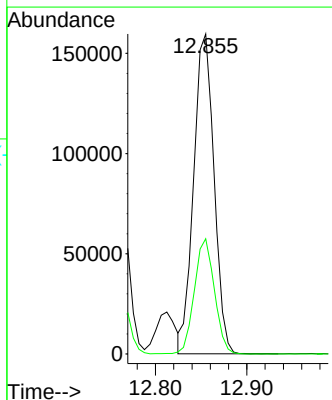
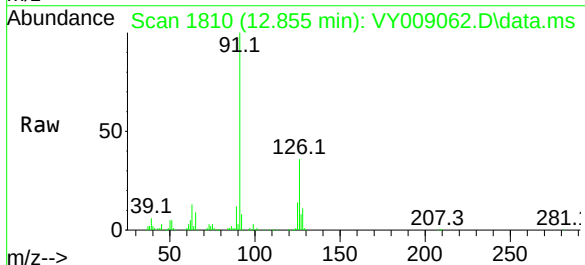
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

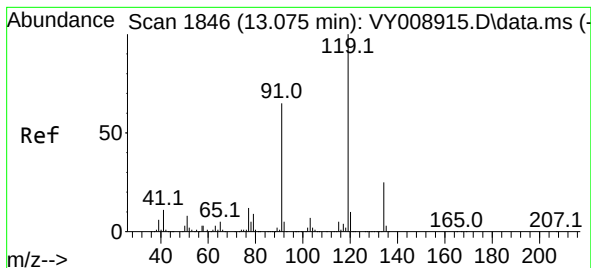
Tgt Ion: 75 Resp: 26890
Ion Ratio Lower Upper
75 100
53 89.6 85.3 127.9
89 48.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 44.211 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 91 Resp: 246933
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0

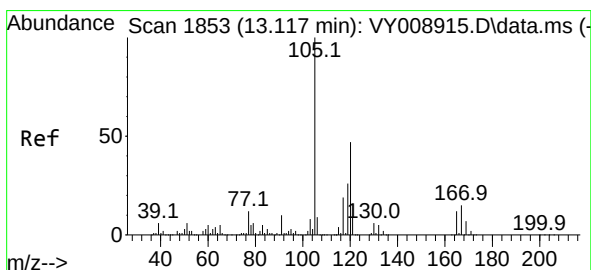
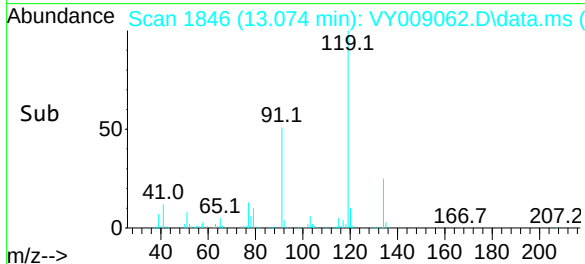
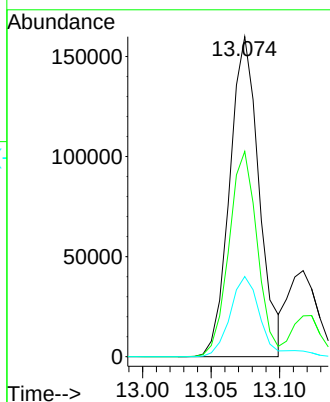
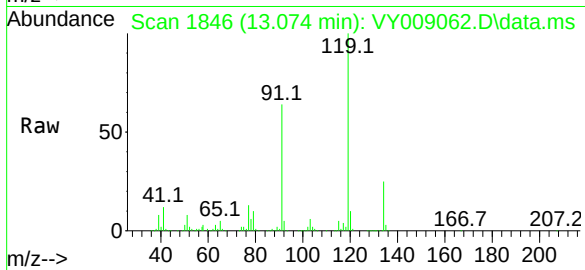




#83
tert-Butylbenzene
Concen: 41.062 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

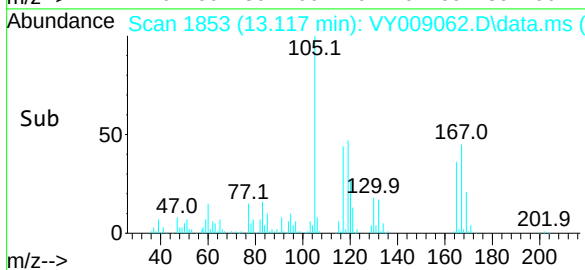
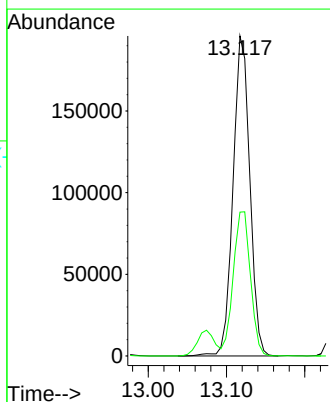
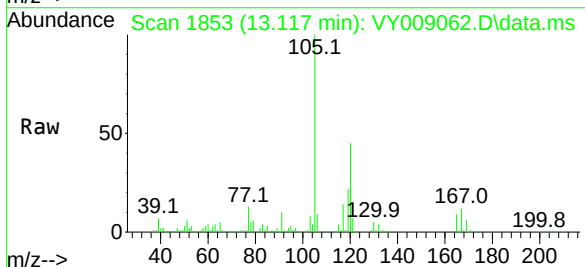
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

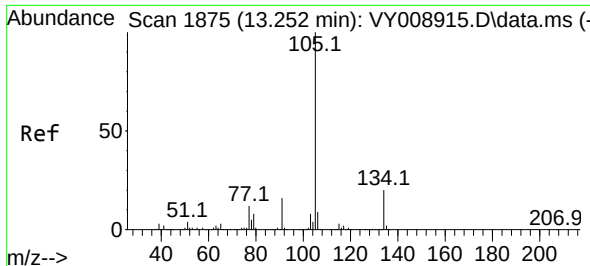
Tgt Ion:119 Resp: 239262
Ion Ratio Lower Upper
119 100
91 61.8 34.8 104.4
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 44.525 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:105 Resp: 290298
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9

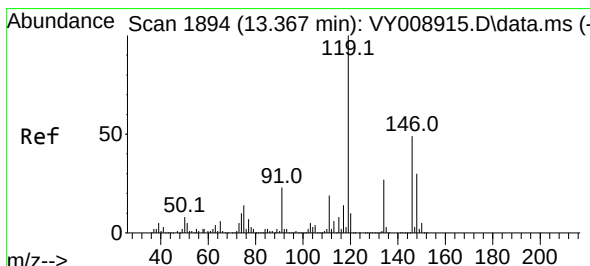
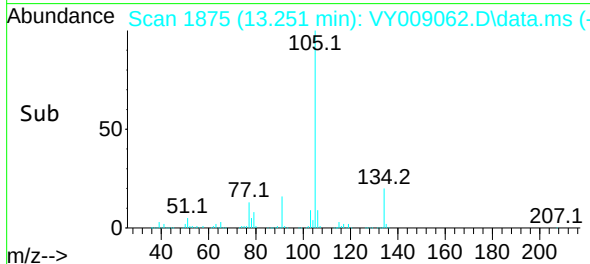
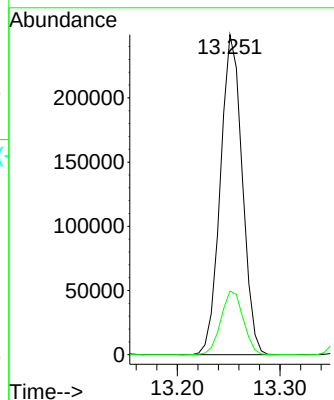
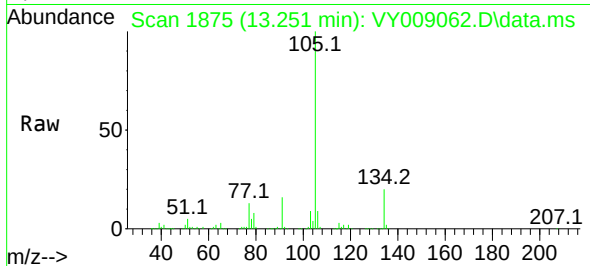




#85
 sec-Butylbenzene
 Concen: 41.254 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009062.D
 Acq: 24 May 2022 15:18

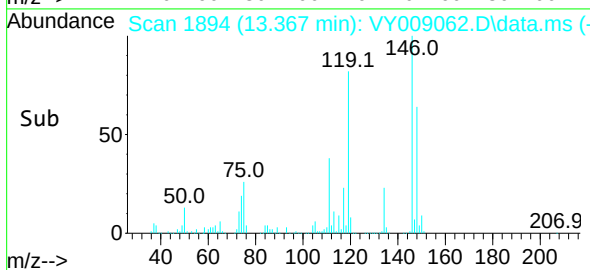
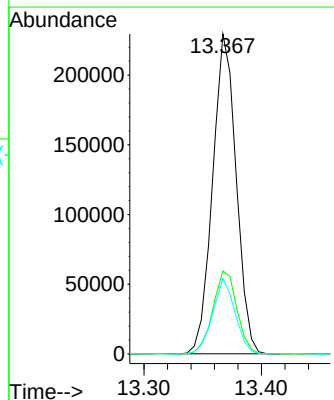
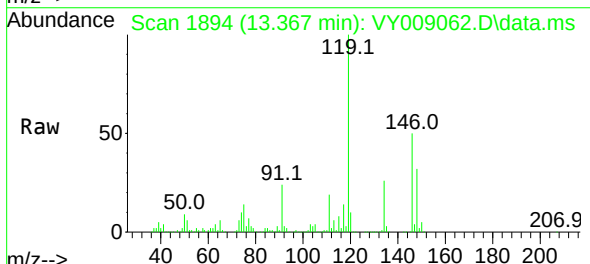
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01MSD

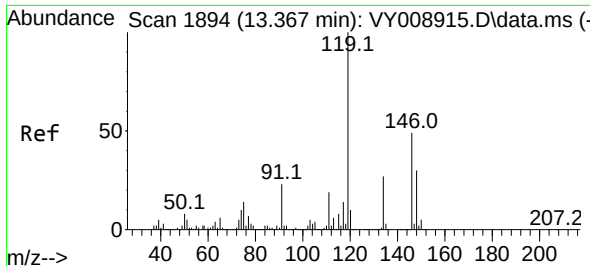
Tgt Ion:105 Resp: 367786
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 42.968 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009062.D
 Acq: 24 May 2022 15:18

Tgt Ion:119 Resp: 319443
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.6 12.4 37.2

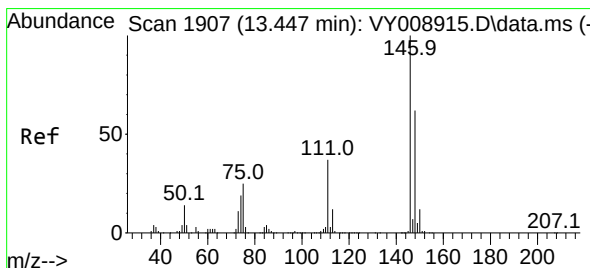
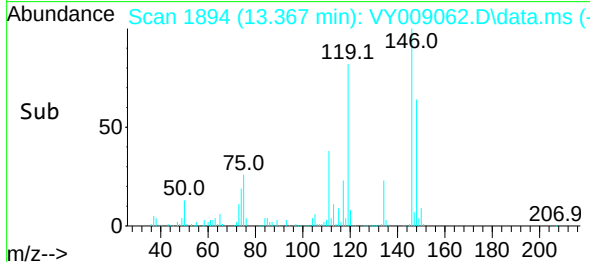
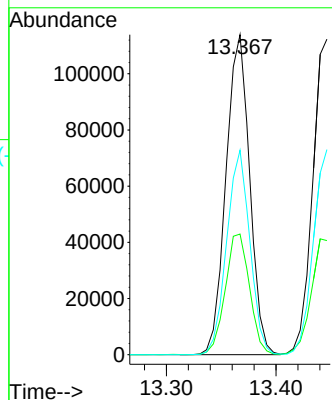
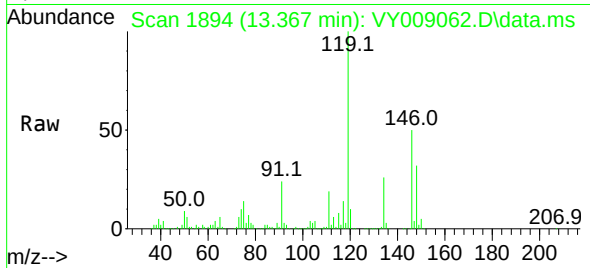




#87
1,3-Dichlorobenzene
Concen: 44.140 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

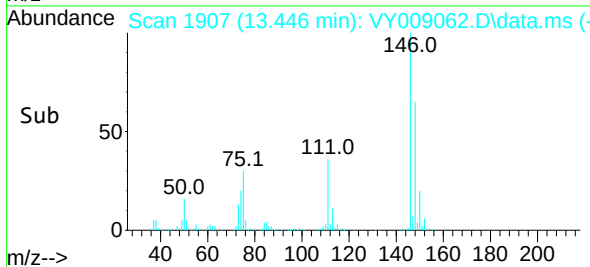
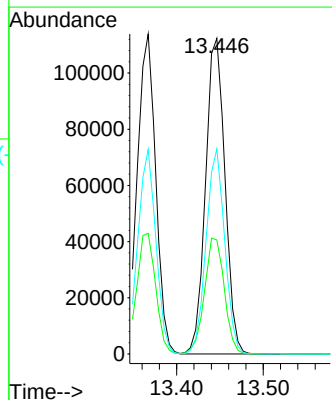
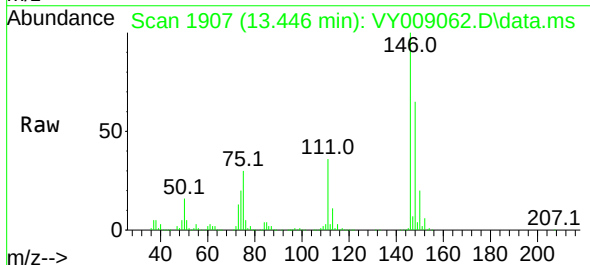
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

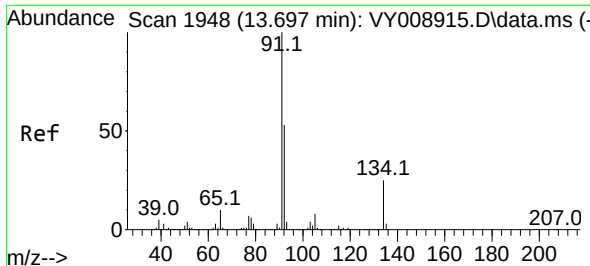
Tgt Ion:146 Resp: 171028
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 62.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 44.854 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:146 Resp: 174607
Ion Ratio Lower Upper
146 100
111 37.6 19.3 57.8
148 62.5 32.6 97.8

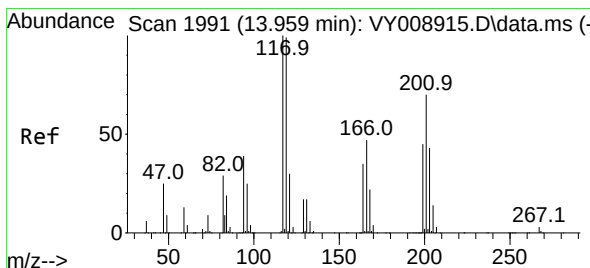
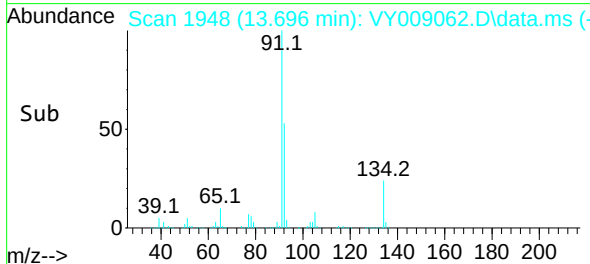
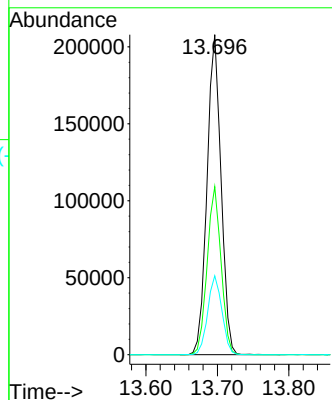
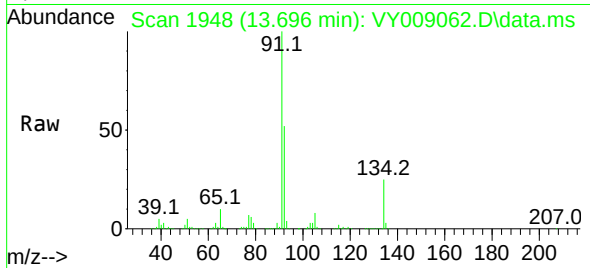




#89
n-Butylbenzene
Concen: 41.637 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

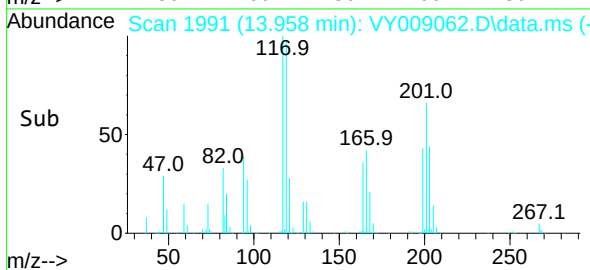
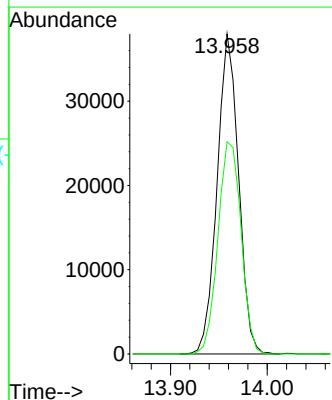
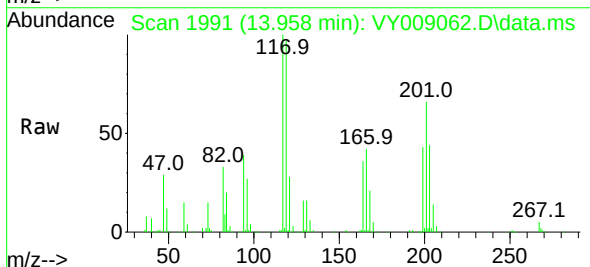
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

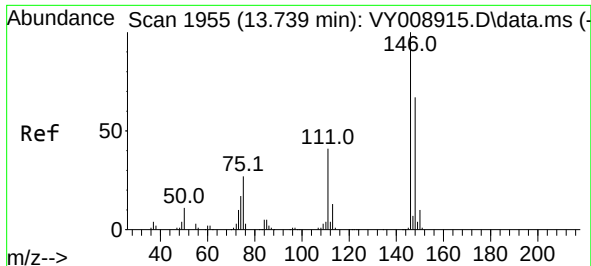
Tgt Ion: 91 Resp: 283187
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 25.0 13.0 38.9



#90
Hexachloroethane
Concen: 41.884 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion: 117 Resp: 58353
Ion Ratio Lower Upper
117 100
201 71.7 43.0 128.8

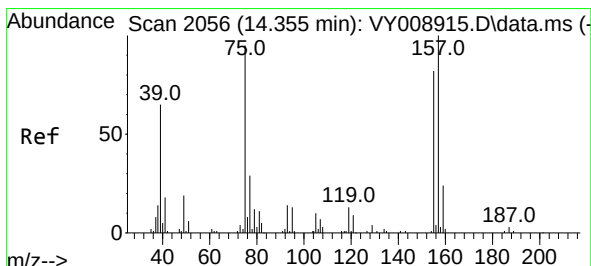
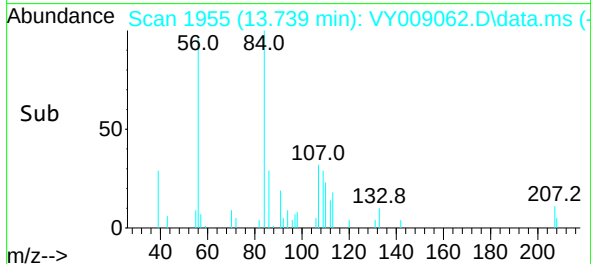
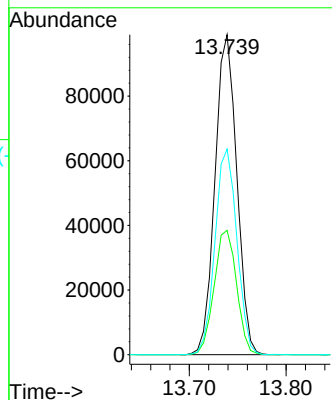
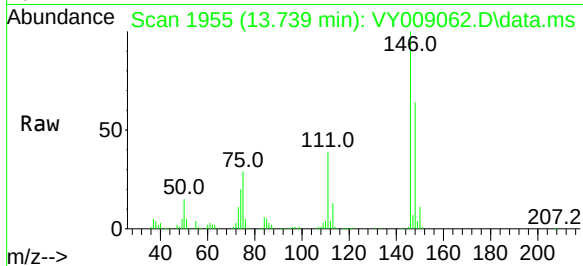




#91
1,2-Dichlorobenzene
Concen: 45.372 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

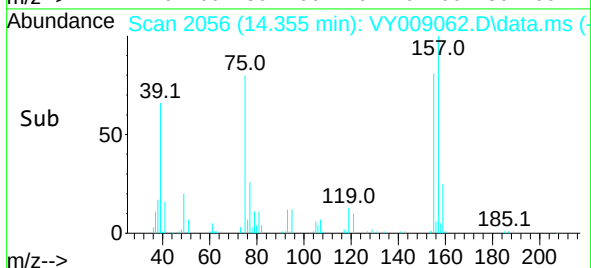
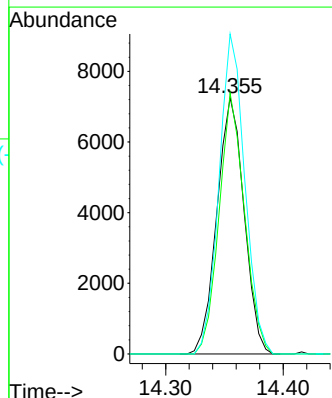
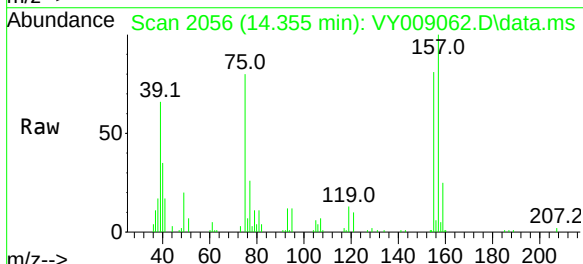
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01MSD

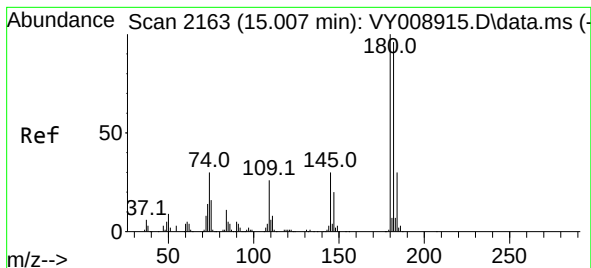
Tgt Ion:	146	Resp:	155185
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	64.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.437 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009062.D
Acq: 24 May 2022 15:18

Tgt Ion:	75	Resp:	11637
Ion	Ratio	Lower	Upper
75	100		
155	94.9	38.0	113.9
157	118.4	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 40.390 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009062.D

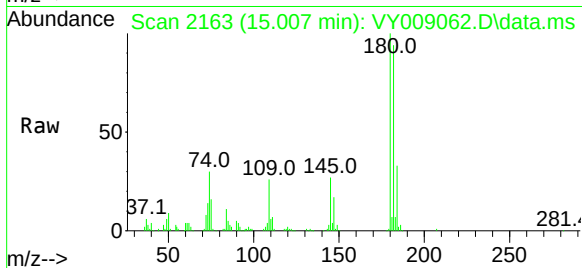
Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD



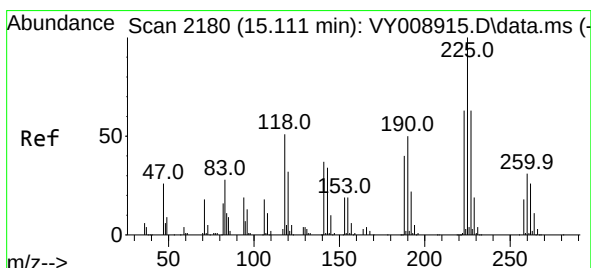
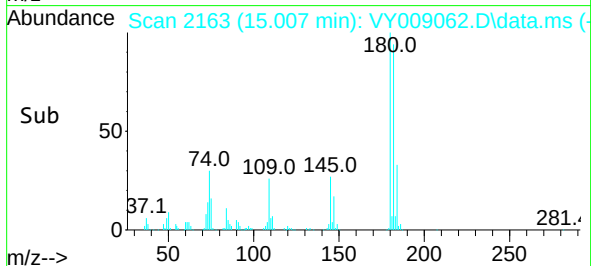
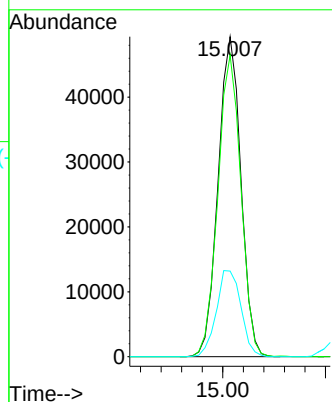
Tgt Ion:180 Resp: 75818

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 34.736 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

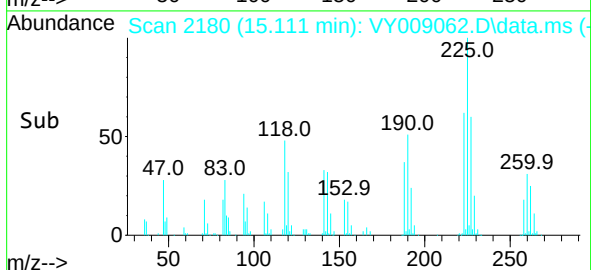
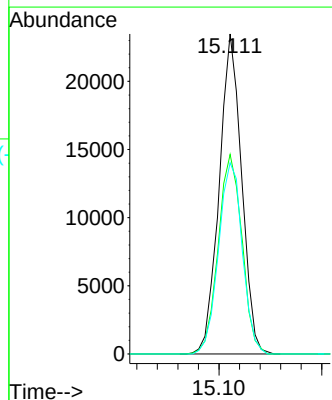
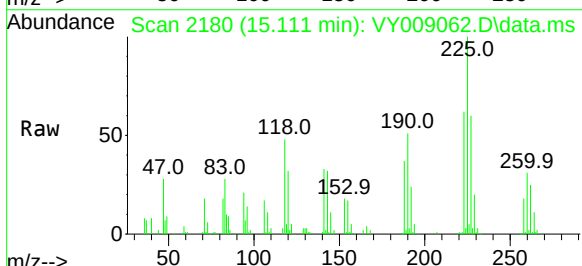
Tgt Ion:225 Resp: 35538

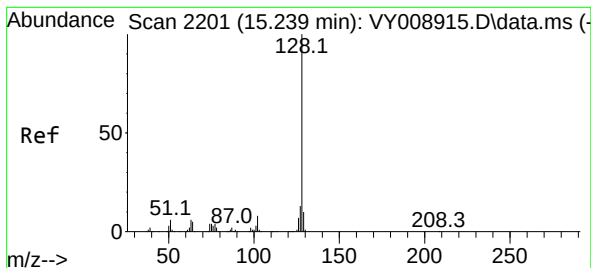
Ion Ratio Lower Upper

225 100

223 65.9 30.8 92.3

227 63.4 31.6 94.7





#95

Naphthalene

Concen: 46.392 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-1218-01MSD

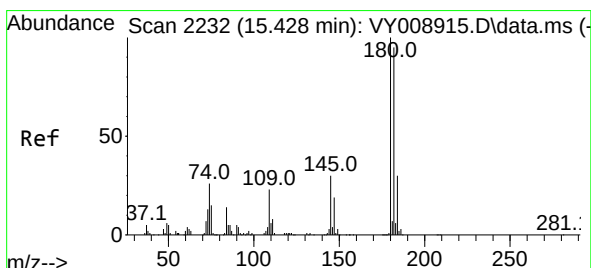
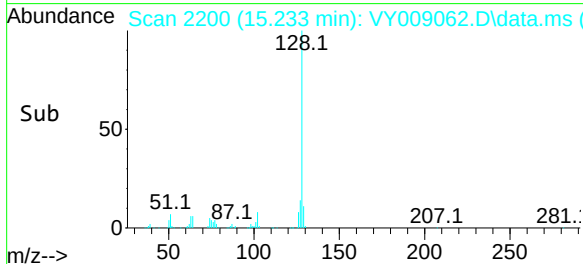
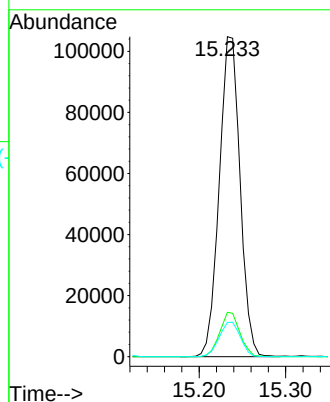
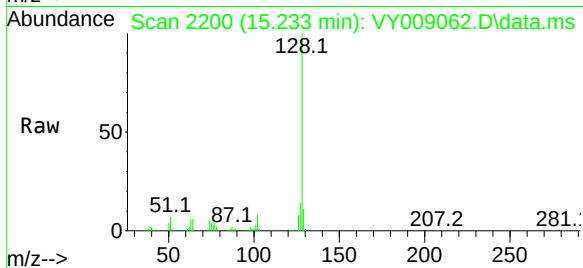
Tgt Ion:128 Resp: 174939

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 41.062 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009062.D

Acq: 24 May 2022 15:18

Tgt Ion:180 Resp: 66980

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.9

145 31.5 15.3 45.9

