

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020530.D
 Acq On : 06 Dec 2024 12:19
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	137074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	217851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	186835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	75264	53.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.980%	
35) Dibromofluoromethane	7.646	113	72240	52.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.115	98	271244	51.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.414	95	97788	53.539	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	25153	18.812	ug/l	99
3) Chloromethane	2.074	50	23272	17.190	ug/l	97
4) Vinyl Chloride	2.214	62	24434	17.702	ug/l	98
5) Bromomethane	2.605	94	14384	17.761	ug/l	90
6) Chloroethane	2.745	64	15368	18.166	ug/l	91
7) Trichlorofluoromethane	3.074	101	49992	19.338	ug/l	98
8) Diethyl Ether	3.464	74	15268	20.844	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.830	101	30565	20.291	ug/l	99
10) Methyl Iodide	4.019	142	31643	18.713	ug/l	92
11) Tert butyl alcohol	4.891	59	12509	138.325	ug/l	96
12) 1,1-Dichloroethene	3.806	96	26936	18.930	ug/l	96
13) Acrolein	3.671	56	10228	120.801	ug/l	100
14) Allyl chloride	4.397	41	49376	19.456	ug/l	96
15) Acrylonitrile	5.086	53	34841	114.161	ug/l	98
16) Acetone	3.891	43	33564	96.829	ug/l	100
17) Carbon Disulfide	4.123	76	66875	16.421	ug/l	98
18) Methyl Acetate	4.403	43	17729	24.064	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	80314	22.102	ug/l	99
20) Methylene Chloride	4.635	84	31084	21.080	ug/l	97
21) trans-1,2-Dichloroethene	5.135	96	30259	19.146	ug/l	95
22) Diisopropyl ether	6.031	45	108643	21.528	ug/l	93
23) Vinyl Acetate	5.976	43	292171	109.457	ug/l	98
24) 1,1-Dichloroethane	5.933	63	62788	20.666	ug/l	99
25) 2-Butanone	6.915	43	48725	111.319	ug/l	99
26) 2,2-Dichloropropane	6.903	77	55545	19.329	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	38273	20.739	ug/l	98
28) Bromochloromethane	7.256	49	22390	19.734	ug/l	95
29) Tetrahydrofuran	7.281	42	28693	114.907	ug/l	98
30) Chloroform	7.433	83	65784	21.097	ug/l	94
31) Cyclohexane	7.713	56	50344	18.329	ug/l #	93
32) 1,1,1-Trichloroethane	7.628	97	61773	20.574	ug/l	97
36) 1,1-Dichloropropene	7.847	75	45012	19.435	ug/l	99
37) Ethyl Acetate	7.000	43	21188	23.092	ug/l #	97
38) Carbon Tetrachloride	7.829	117	55364	20.029	ug/l	98
39) Methylcyclohexane	9.116	83	52706	18.339	ug/l	97
40) Benzene	8.091	78	136992	20.062	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11643	22.321	ug/l	96
42) 1,2-Dichloroethane	8.171	62	38893	21.676	ug/l	99
43) Isopropyl Acetate	8.207	43	42810	23.106	ug/l	98
44) Trichloroethene	8.878	130	34434	20.455	ug/l	94
45) 1,2-Dichloropropane	9.152	63	33712	21.097	ug/l	97
46) Dibromomethane	9.237	93	17297	21.862	ug/l	97
47) Bromodichloromethane	9.433	83	49437	21.208	ug/l	96
48) Methyl methacrylate	9.225	41	20311	23.508	ug/l	97
49) 1,4-Dioxane	9.244	88	3975	525.620	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	109473	119.642	ug/l	100
52) Toluene	10.176	92	86674	20.344	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	45525	21.754	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	51514	20.829	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	23811	22.561	ug/l	98
56) Ethyl methacrylate	10.445	69	32573	21.812	ug/l	99
57) 1,3-Dichloropropane	10.725	76	41700	22.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	72171	103.222	ug/l	97
59) 2-Hexanone	10.768	43	73650	111.575	ug/l	96
60) Dibromochloromethane	10.920	129	32682	22.242	ug/l	97
61) 1,2-Dibromoethane	11.024	107	21033	21.793	ug/l	98
64) Tetrachloroethene	10.652	164	31041	19.662	ug/l	95
65) Chlorobenzene	11.450	112	95272	20.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	34369	20.694	ug/l	98
67) Ethyl Benzene	11.524	91	173004	19.709	ug/l	98
68) m/p-Xylenes	11.633	106	127133	39.552	ug/l	99
69) o-Xylene	11.963	106	61109	20.293	ug/l	100
70) Styrene	11.975	104	105115	20.923	ug/l	98
71) Bromoform	12.139	173	18804	22.269	ug/l #	99
73) Isopropylbenzene	12.261	105	167370	18.243	ug/l	100
74) N-amyl acetate	12.078	43	37299	20.743	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	27019	20.479	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	36165	37.441	ug/l #	100
77) Bromobenzene	12.536	156	36721	19.328	ug/l	96
78) n-propylbenzene	12.603	91	202071	18.603	ug/l	98
79) 2-Chlorotoluene	12.688	91	115933	18.915	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	138584	18.850	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	8848	18.795	ug/l	96
82) 4-Chlorotoluene	12.786	91	118712	18.979	ug/l	100
83) tert-Butylbenzene	13.005	119	125872	18.937	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	137039	19.177	ug/l	99
85) sec-Butylbenzene	13.182	105	180788	18.978	ug/l	98
86) p-Isopropyltoluene	13.298	119	151863	19.292	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	71659	19.557	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	72677	20.261	ug/l	99
89) n-Butylbenzene	13.621	91	141329	19.358	ug/l	100
90) Hexachloroethane	13.889	117	29722	19.374	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	64486	20.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4364	21.849	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	36082	20.651	ug/l	100
94) Hexachlorobutadiene	15.029	225	24439	19.994	ug/l	99
95) Naphthalene	15.151	128	62137	21.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	31003	21.990	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

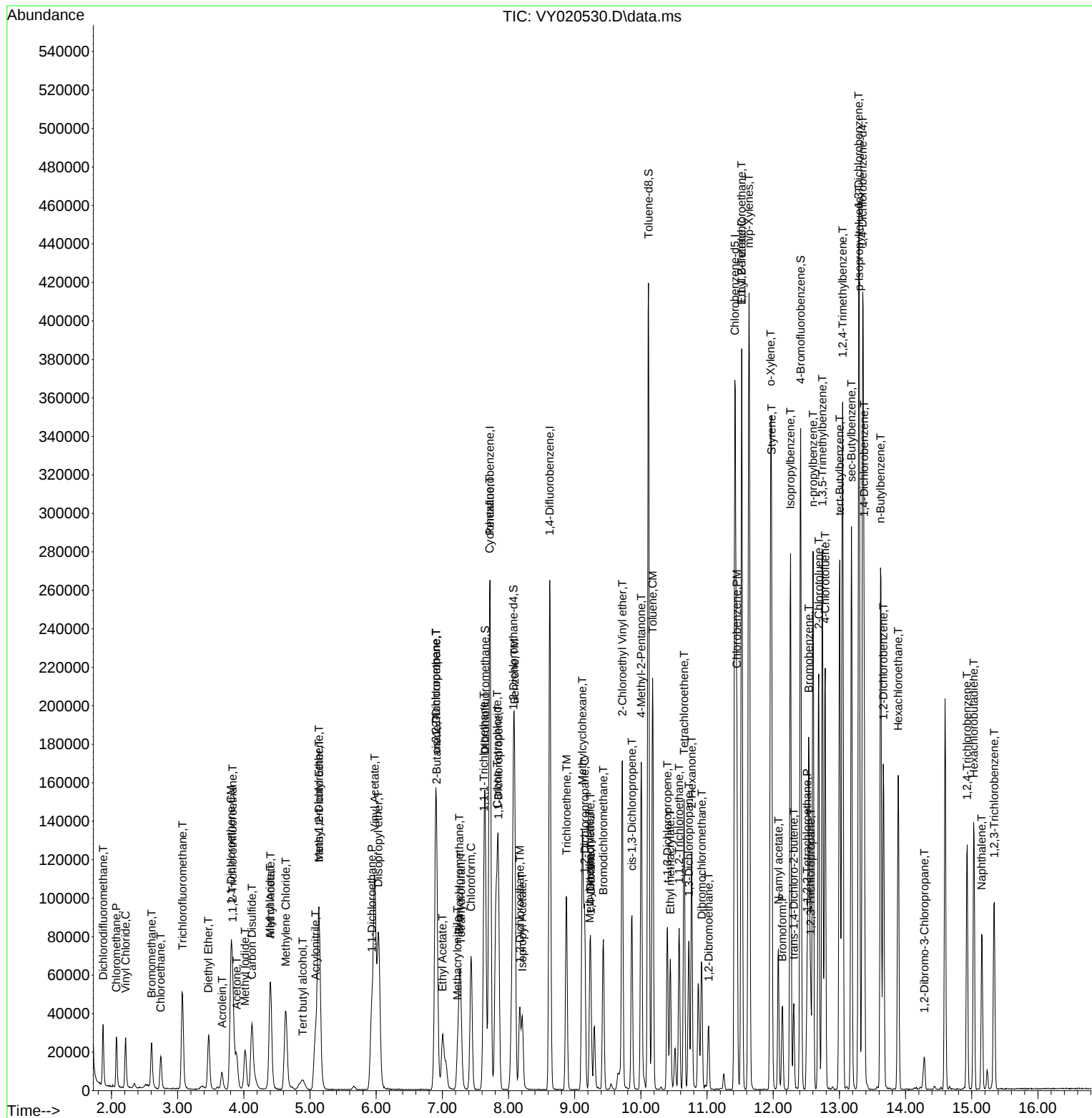
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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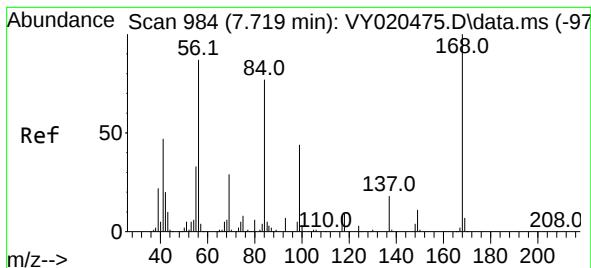
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

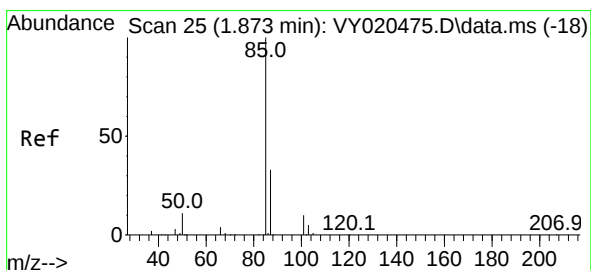
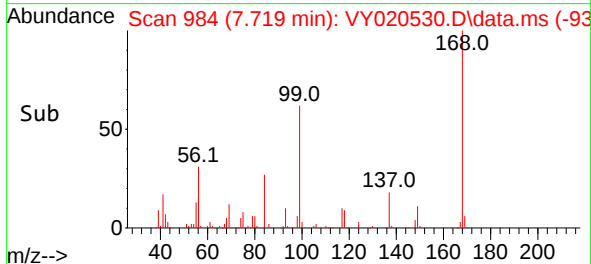
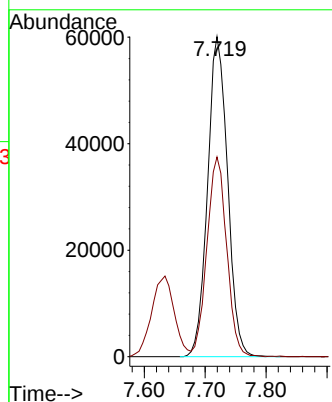
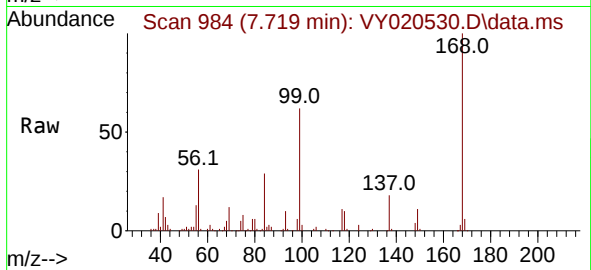
ClientSampleId :

Tgt Ion:168 Resp: 137074

Ion Ratio Lower Upper

168 100

99 62.2 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 18.812 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.000 min

Lab File: VY020530.D

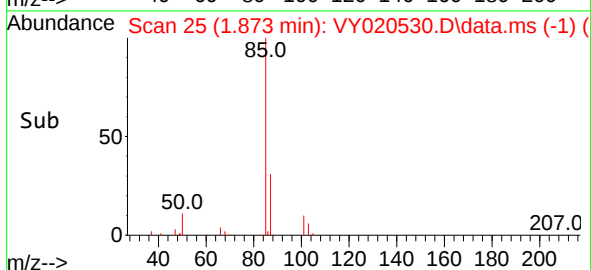
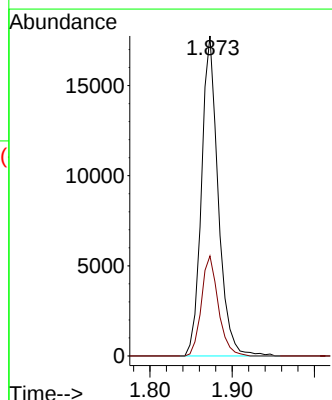
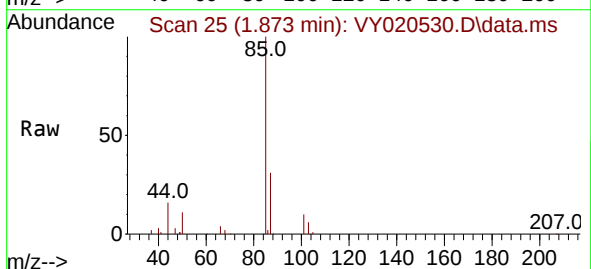
Acq: 06 Dec 2024 12:19

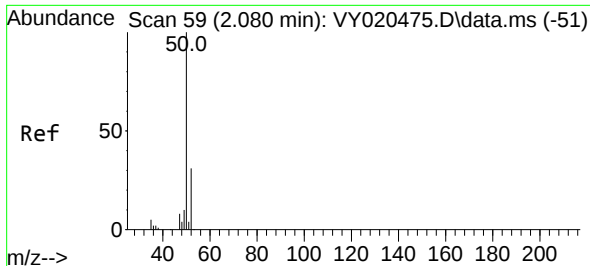
Tgt Ion: 85 Resp: 25153

Ion Ratio Lower Upper

85 100

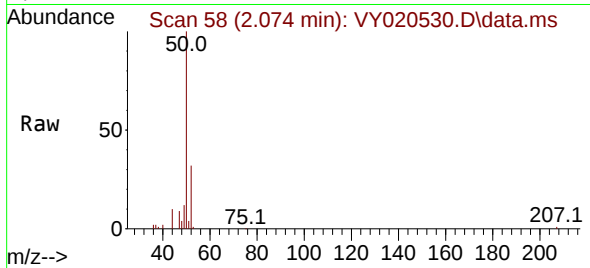
87 31.3 16.1 48.2



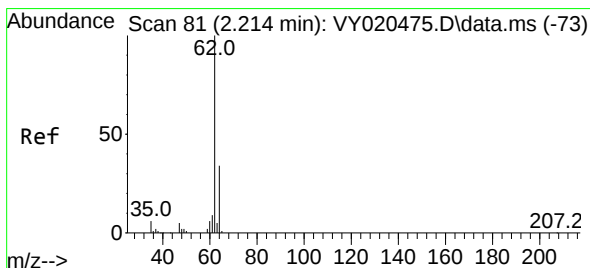
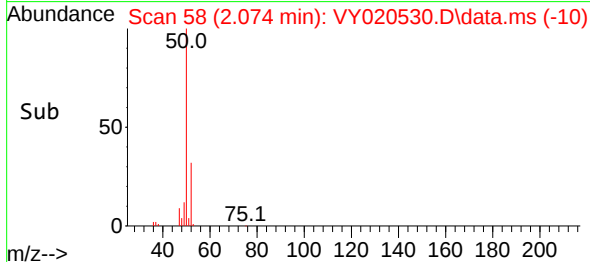
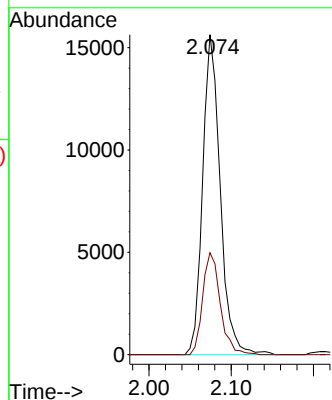


#3
Chloromethane
Concen: 17.190 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :

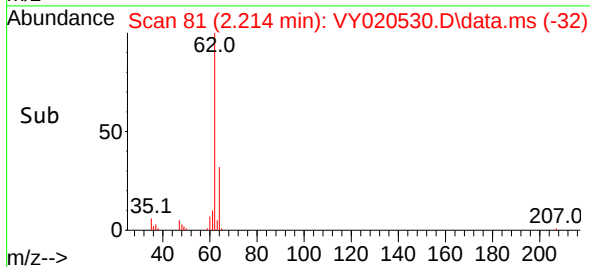
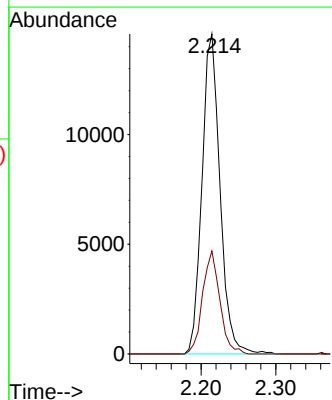
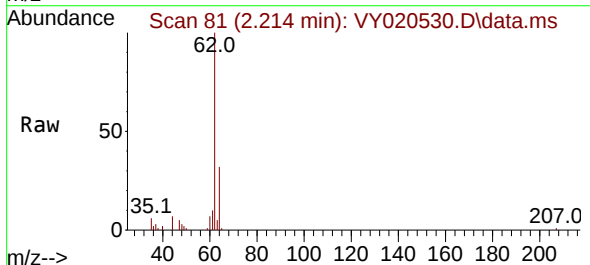


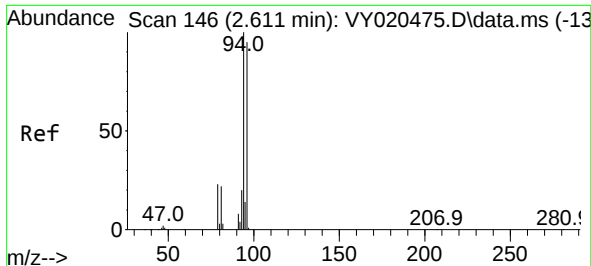
Tgt Ion: 50 Resp: 23272
Ion Ratio Lower Upper
50 100
52 31.8 26.9 40.3



#4
Vinyl Chloride
Concen: 17.702 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 62 Resp: 24434
Ion Ratio Lower Upper
62 100
64 32.2 24.7 37.1

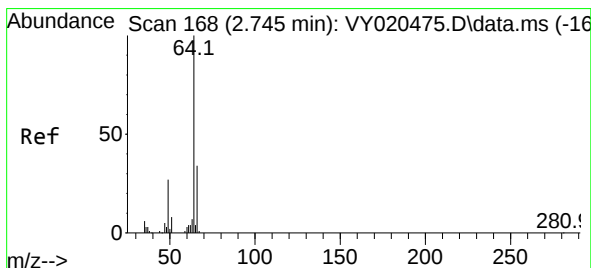
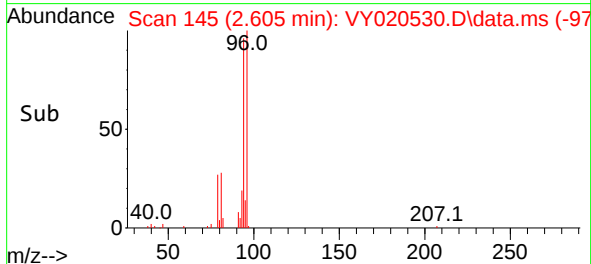
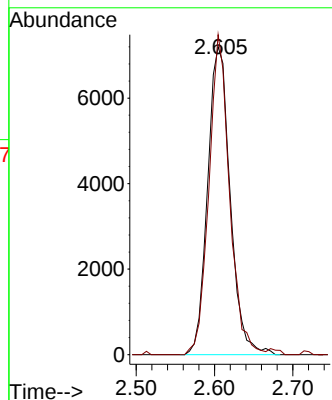
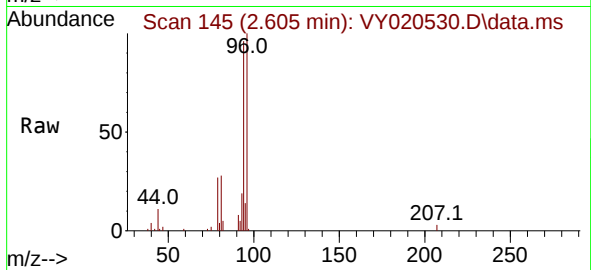




#5
Bromomethane
Concen: 17.761 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

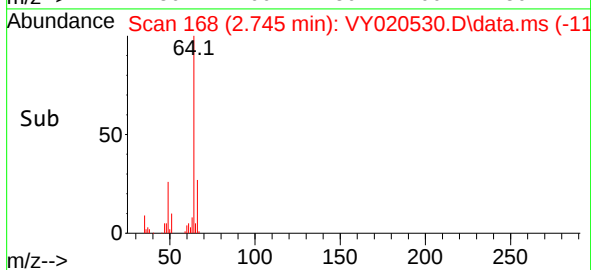
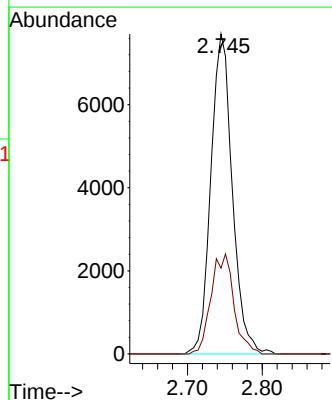
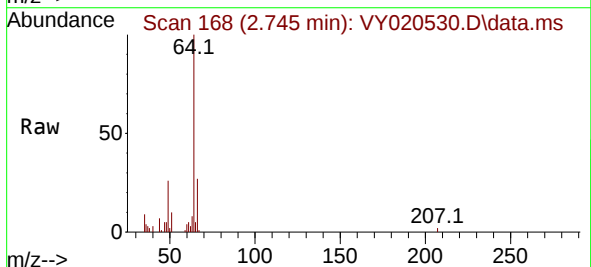
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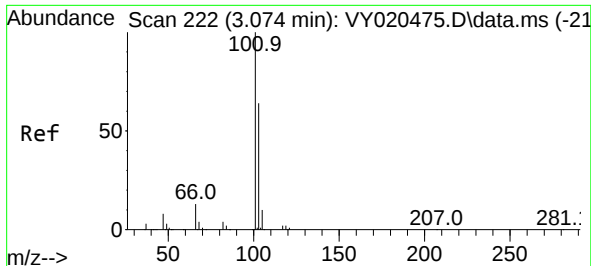
Tgt Ion: 94 Resp: 14384
Ion Ratio Lower Upper
94 100
96 103.9 75.4 113.2



#6
Chloroethane
Concen: 18.166 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 64 Resp: 15368
Ion Ratio Lower Upper
64 100
66 26.8 25.7 38.5

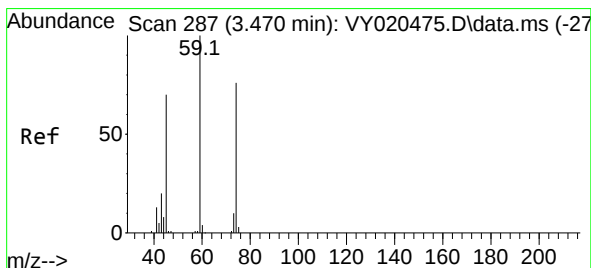
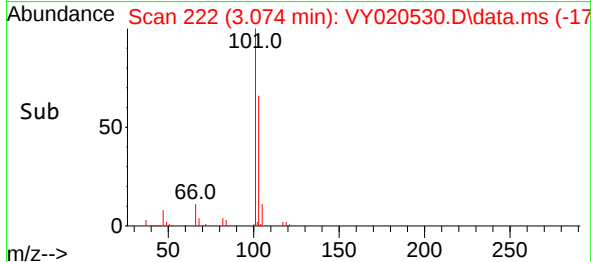
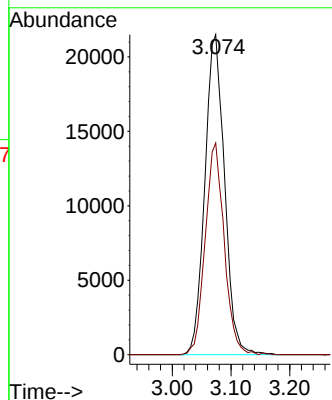
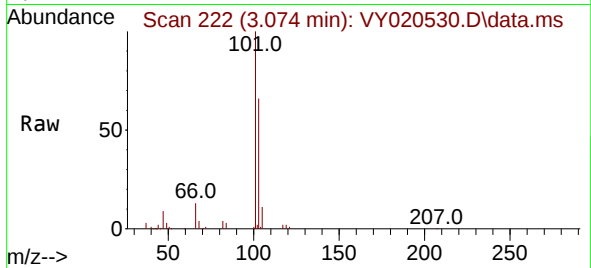




#7
Trichlorofluoromethane
Concen: 19.338 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

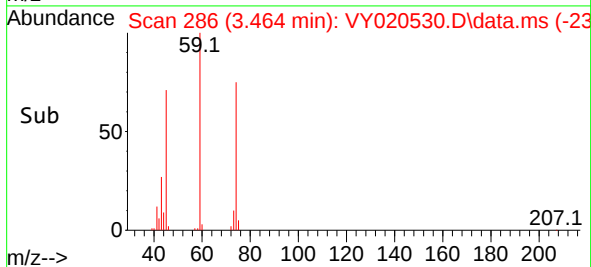
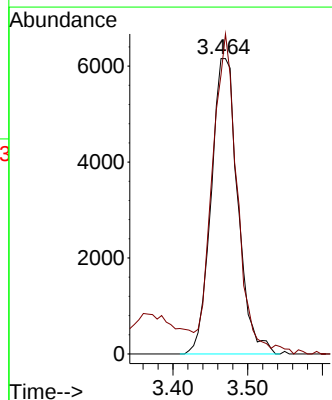
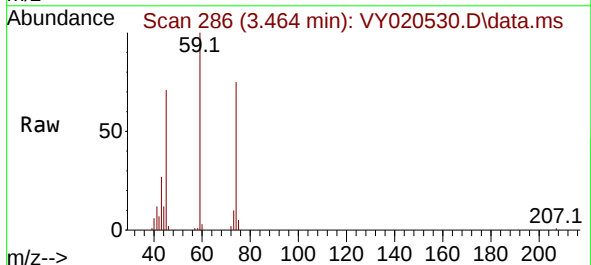
Instrument :
MSVOA_Y
ClientSampleId :

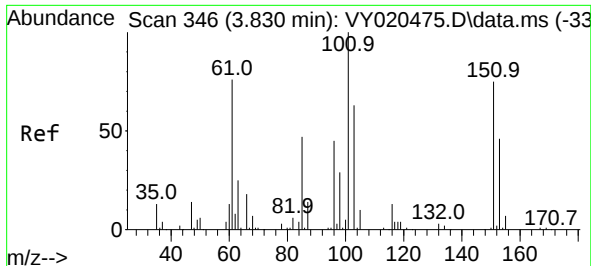
Tgt Ion:101 Resp: 49992
Ion Ratio Lower Upper
101 100
103 66.1 51.5 77.3



#8
Diethyl Ether
Concen: 20.844 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 74 Resp: 15268
Ion Ratio Lower Upper
74 100
45 101.7 53.6 160.8

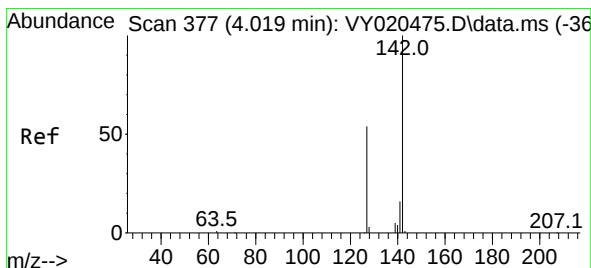
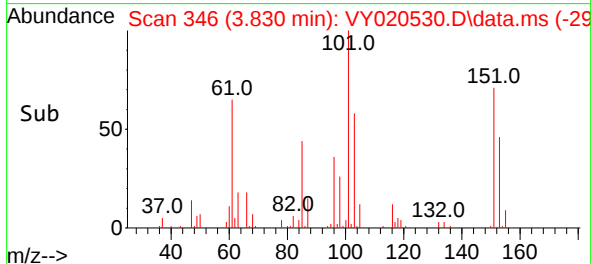
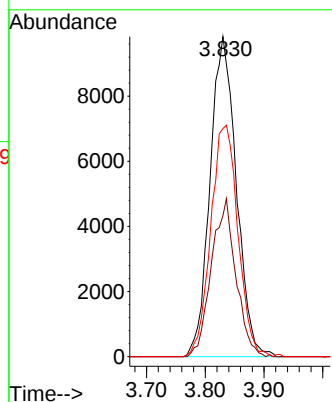
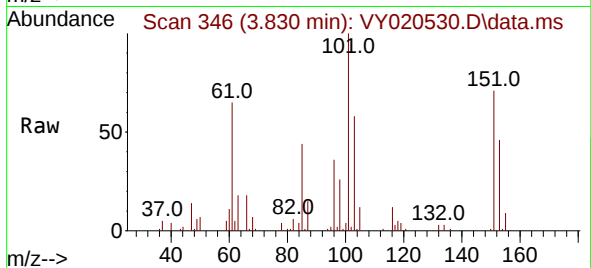




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.291 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

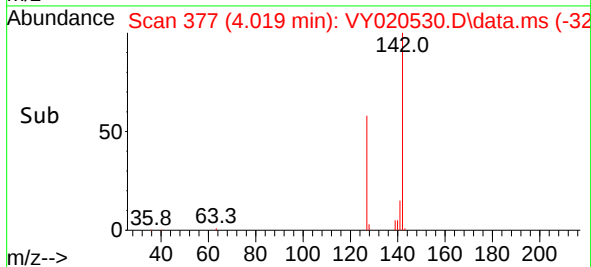
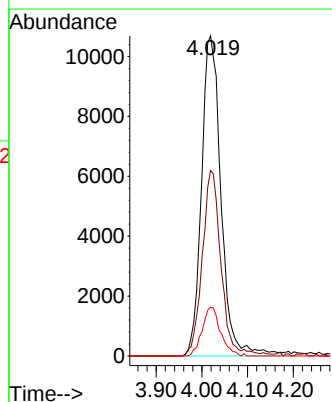
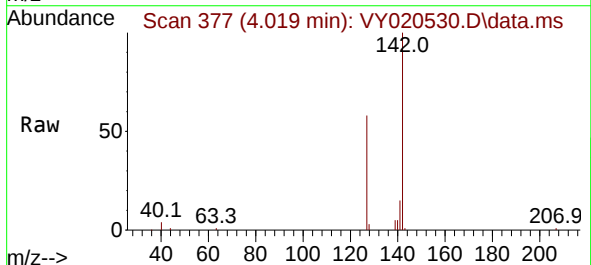
Instrument :
MSVOA_Y
ClientSampleId :

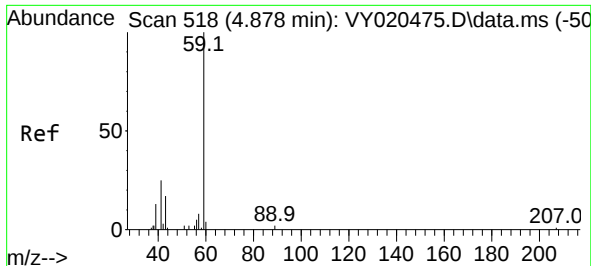
Tgt Ion:101 Resp: 30565
Ion Ratio Lower Upper
101 100
85 46.0 38.0 57.0
151 74.8 59.6 89.4



#10
Methyl Iodide
Concen: 18.713 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion:142 Resp: 31643
Ion Ratio Lower Upper
142 100
127 55.3 38.9 58.3
141 14.3 11.7 17.5

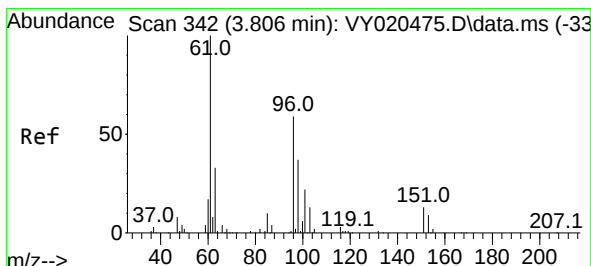
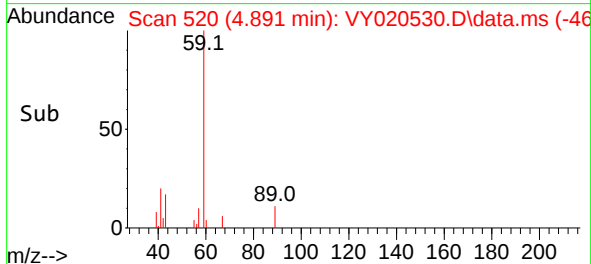
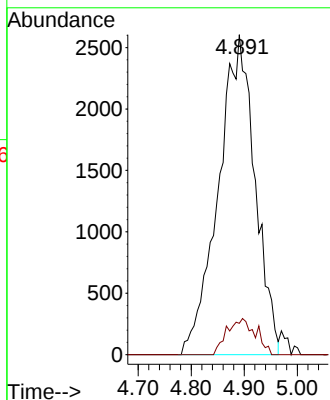
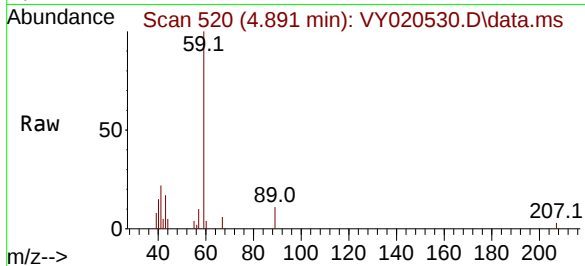




#11
Tert butyl alcohol
Concen: 138.325 ug/l
RT: 4.891 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

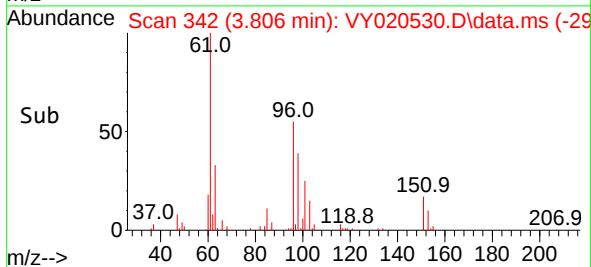
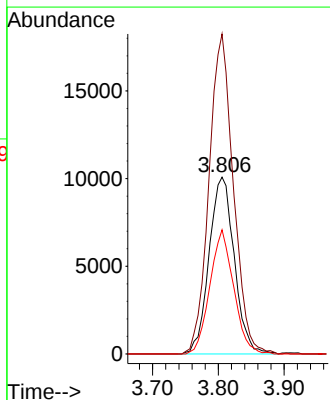
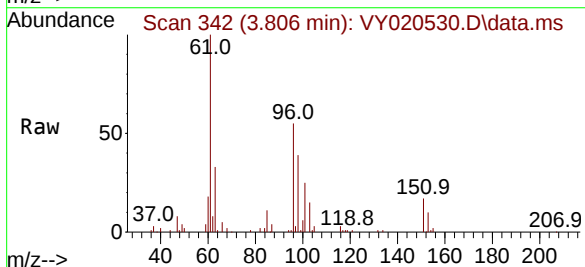
Instrument :
MSVOA_Y
ClientSampleId :

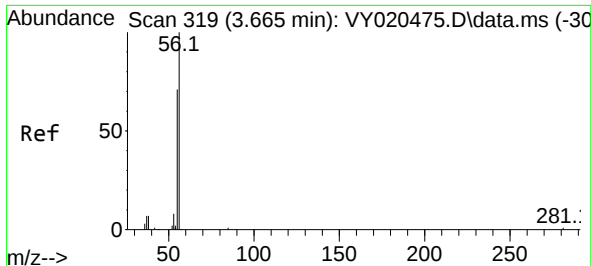
Tgt Ion: 59 Resp: 12509
Ion Ratio Lower Upper
59 100
57 8.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.930 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 96 Resp: 26936
Ion Ratio Lower Upper
96 100
61 180.9 143.3 214.9
98 70.2 49.8 74.8

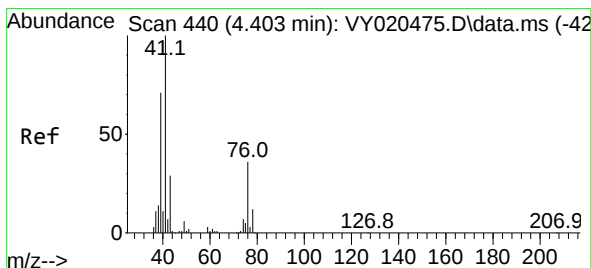
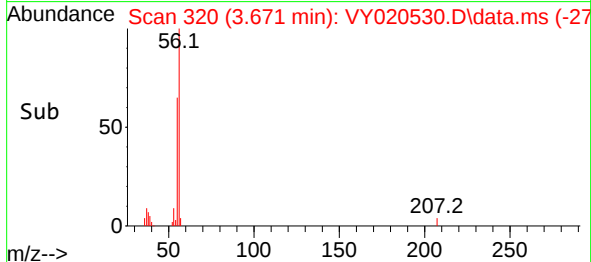
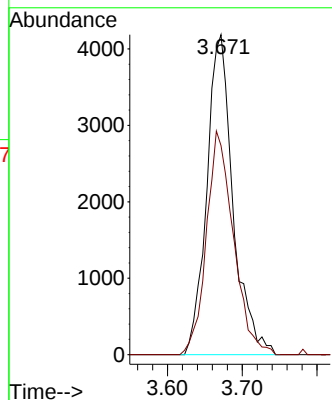
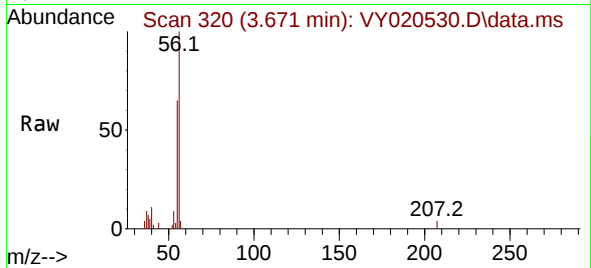




#13
Acrolein
Concen: 120.801 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

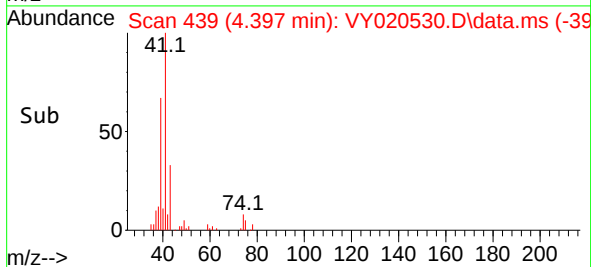
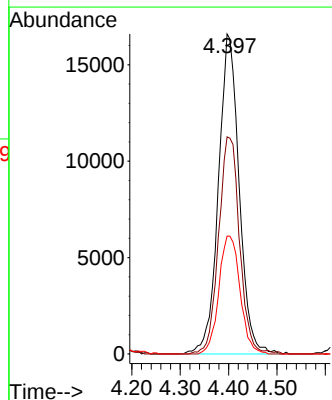
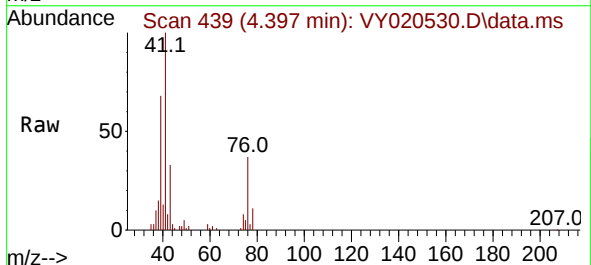
Instrument :
MSVOA_Y
ClientSampleId :

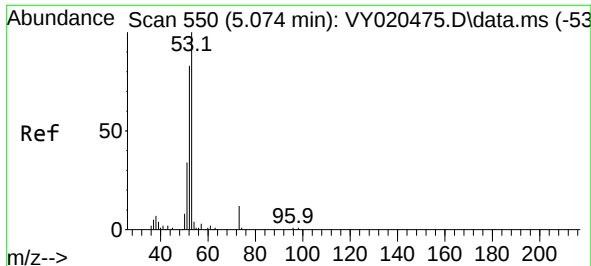
Tgt Ion: 56 Resp: 10228
Ion Ratio Lower Upper
56 100
55 72.0 57.7 86.5



#14
Allyl chloride
Concen: 19.456 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

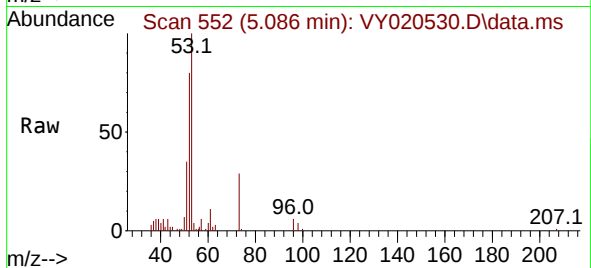
Tgt Ion: 41 Resp: 49376
Ion Ratio Lower Upper
41 100
39 68.7 58.8 88.2
76 37.7 29.7 44.5



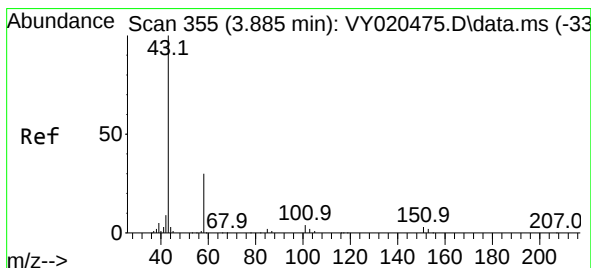
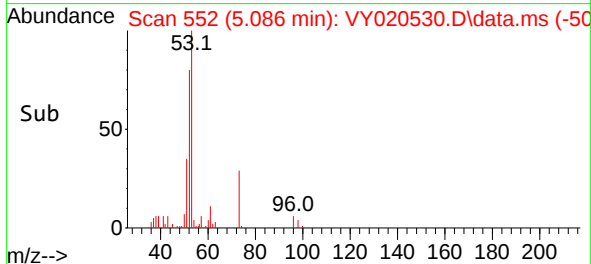
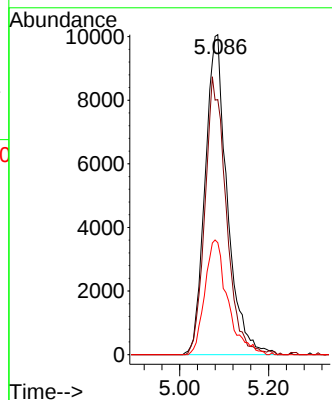


#15
Acrylonitrile
Concen: 114.161 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :

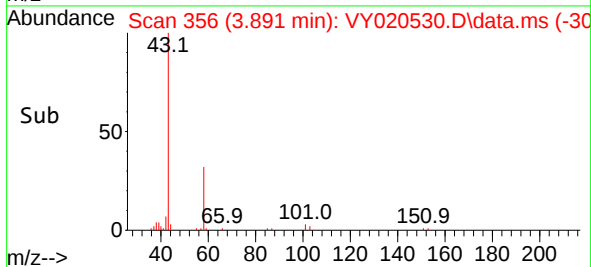
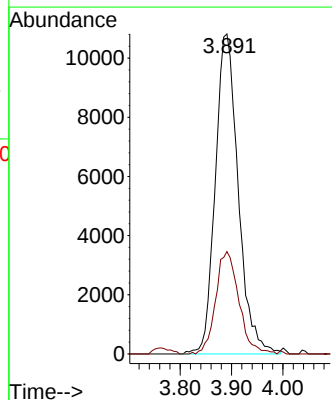
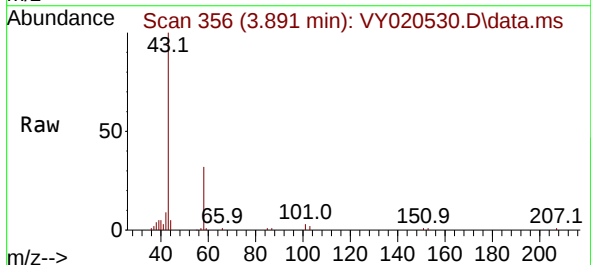


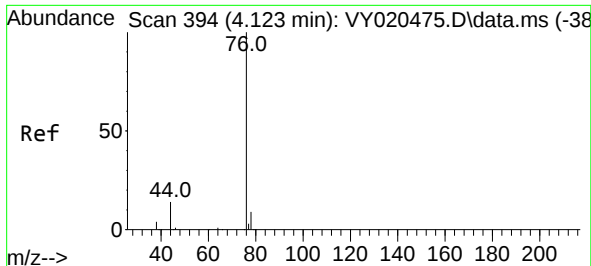
Tgt Ion: 53 Resp: 34841
Ion Ratio Lower Upper
53 100
52 83.3 65.2 97.8
51 37.2 30.2 45.4



#16
Acetone
Concen: 96.829 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 43 Resp: 33564
Ion Ratio Lower Upper
43 100
58 32.0 25.7 38.5





#17

Carbon Disulfide

Concen: 16.421 ug/l

RT: 4.123 min Scan# 394

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

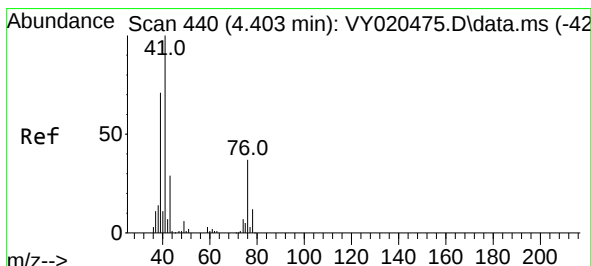
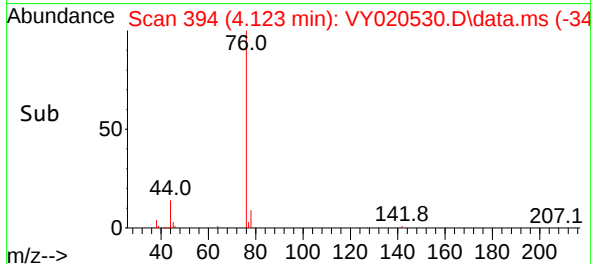
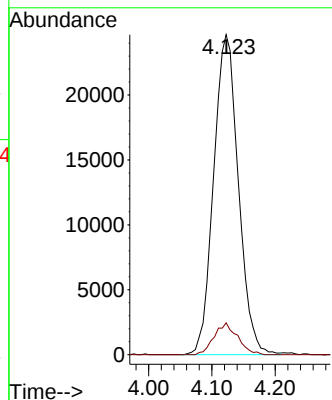
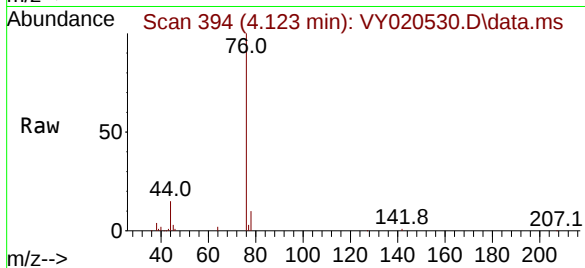
ClientSampleId :

Tgt Ion: 76 Resp: 66875

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9



#18

Methyl Acetate

Concen: 24.064 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.000 min

Lab File: VY020530.D

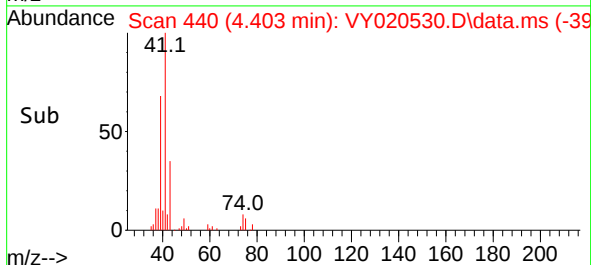
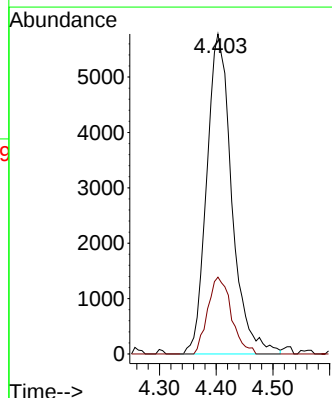
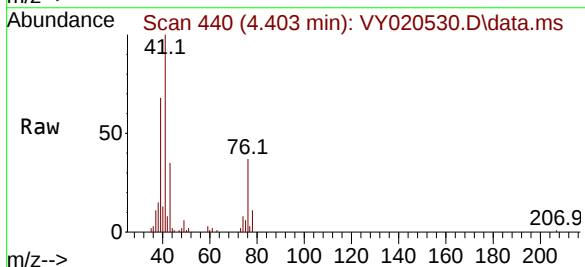
Acq: 06 Dec 2024 12:19

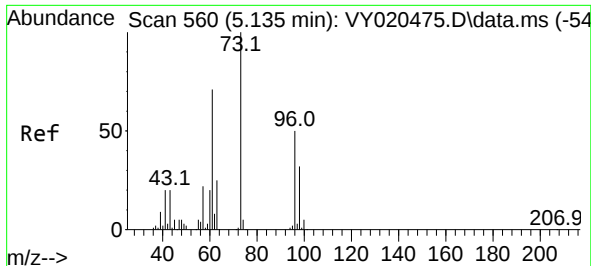
Tgt Ion: 43 Resp: 17729

Ion Ratio Lower Upper

43 100

74 22.6 18.6 27.8

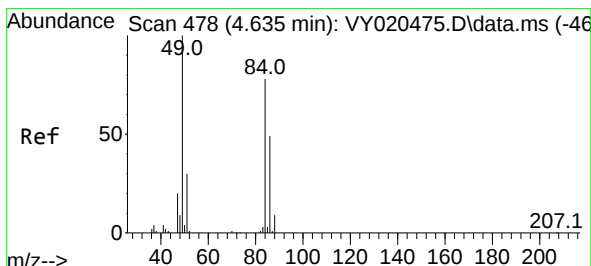
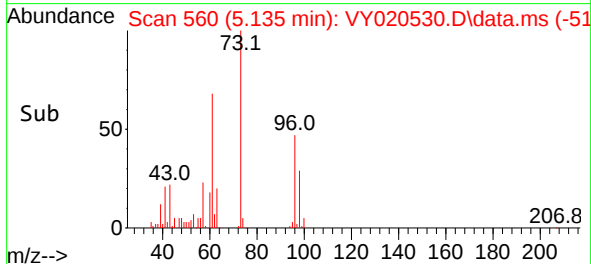
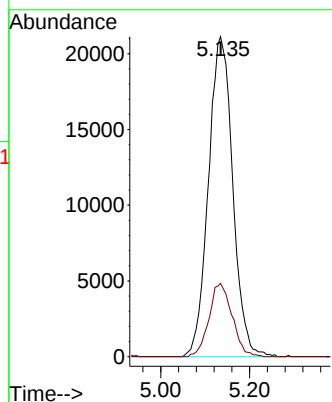
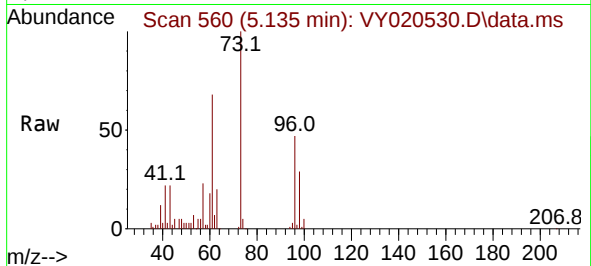




#19
Methyl tert-butyl Ether
Concen: 22.102 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

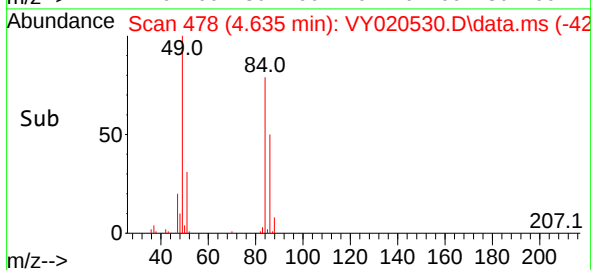
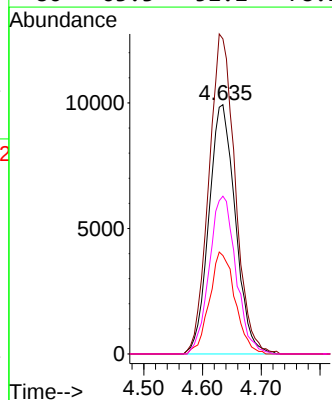
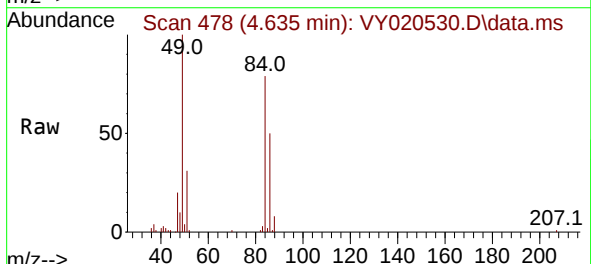
Instrument :
MSVOA_Y
ClientSampleId :

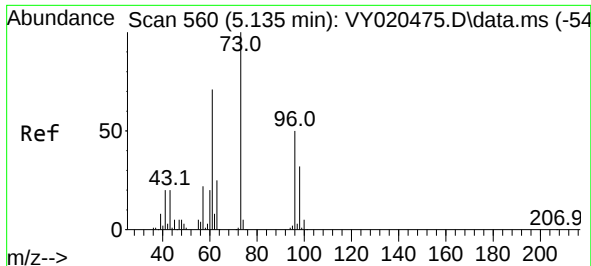
Tgt Ion: 73 Resp: 80314
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0



#20
Methylene Chloride
Concen: 21.080 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

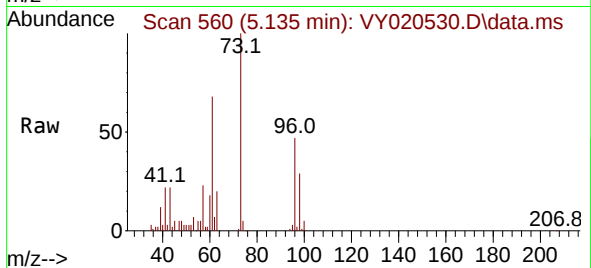
Tgt Ion: 84 Resp: 31084
Ion Ratio Lower Upper
84 100
49 126.3 104.7 157.1
51 39.5 33.4 50.0
86 63.3 52.2 78.2



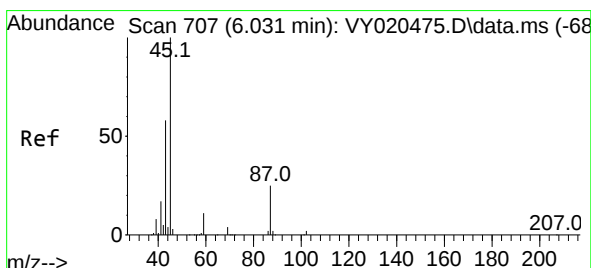
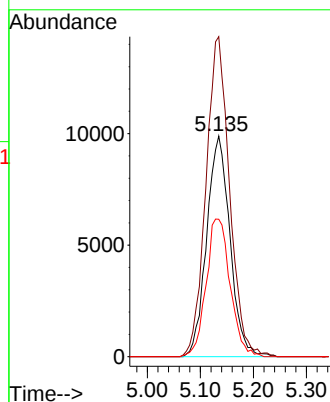
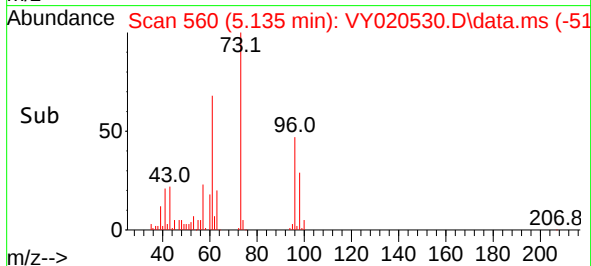


#21
trans-1,2-Dichloroethene
Concen: 19.146 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :

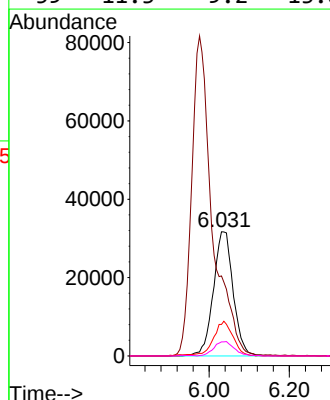
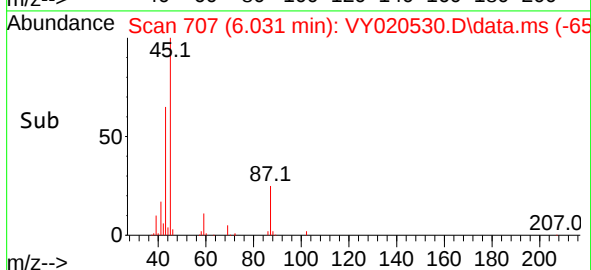
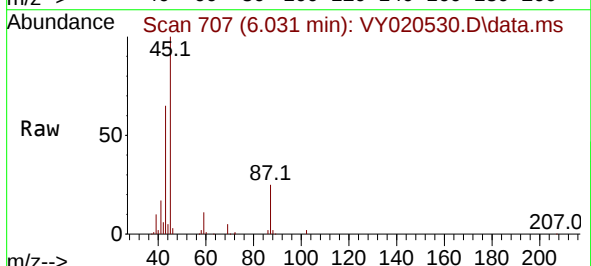


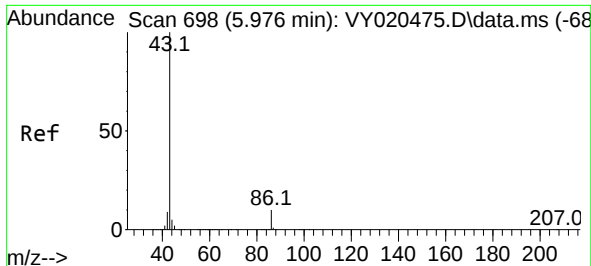
Tgt Ion: 96 Resp: 30259
Ion Ratio Lower Upper
96 100
61 145.0 111.6 167.4
98 62.3 46.7 70.1



#22
Diisopropyl ether
Concen: 21.528 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 45 Resp: 108643
Ion Ratio Lower Upper
45 100
43 64.1 44.8 67.2
87 25.4 20.6 30.8
59 11.3 9.2 13.8

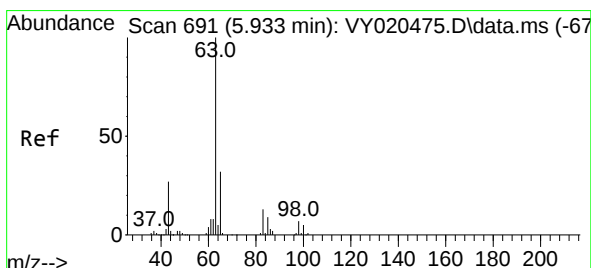
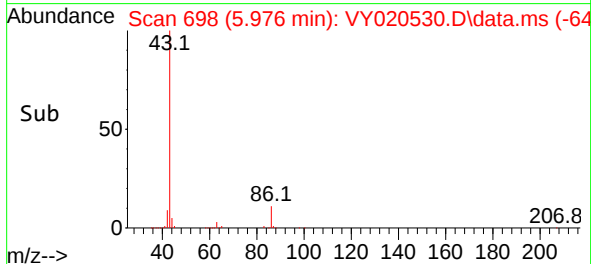
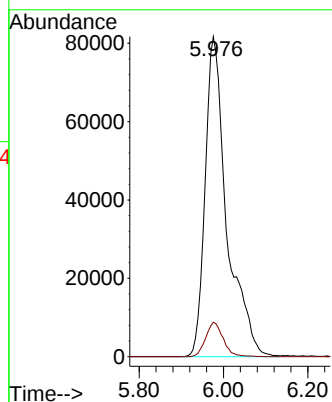
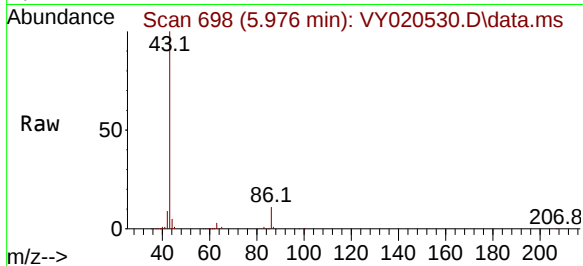




#23
 Vinyl Acetate
 Concen: 109.457 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020530.D
 Acq: 06 Dec 2024 12:19

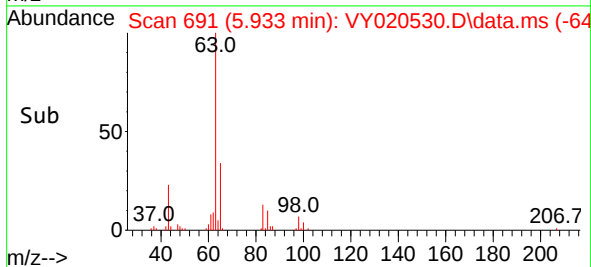
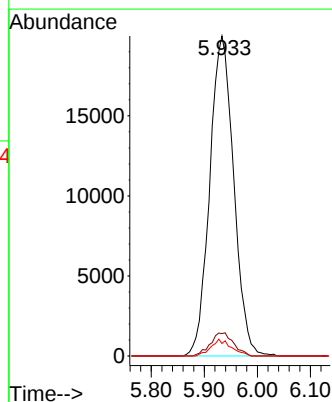
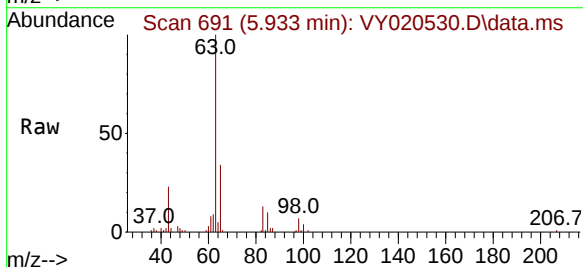
Instrument :
 MSVOA_Y
 ClientSampleId :

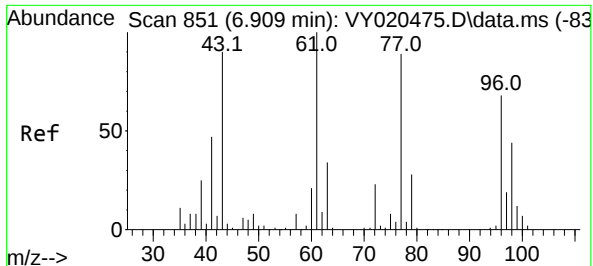
Tgt Ion: 43 Resp: 292171
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.666 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020530.D
 Acq: 06 Dec 2024 12:19

Tgt Ion: 63 Resp: 62788
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 3.9 2.0 5.8

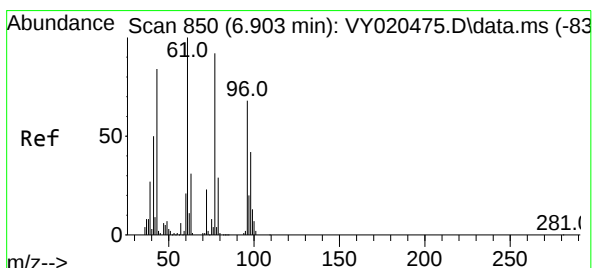
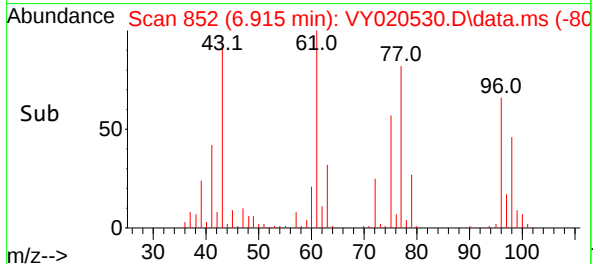
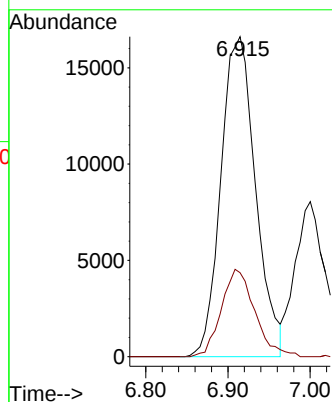
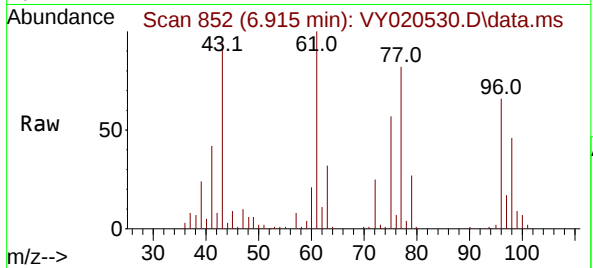




#25
2-Butanone
Concen: 111.319 ug/l
RT: 6.915 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

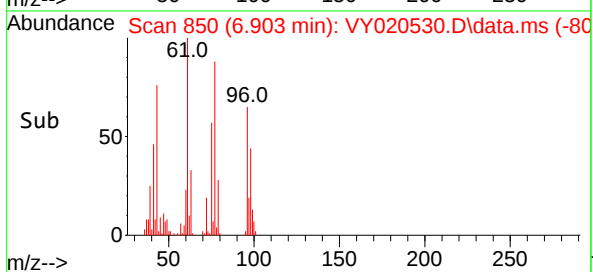
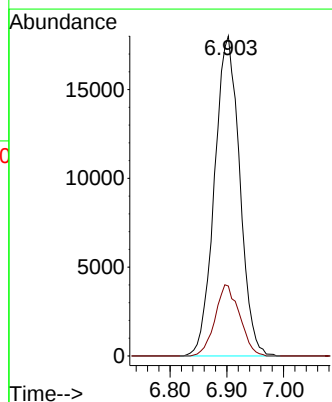
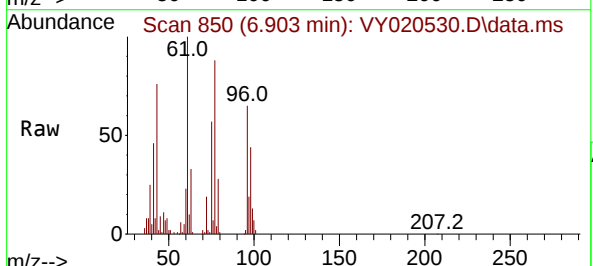
Instrument :
MSVOA_Y
ClientSampleId :

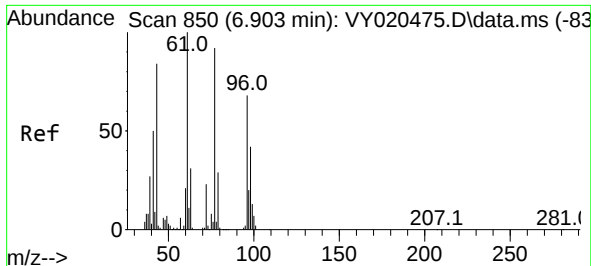
Tgt Ion: 43 Resp: 48725
Ion Ratio Lower Upper
43 100
72 26.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.329 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 77 Resp: 55545
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7

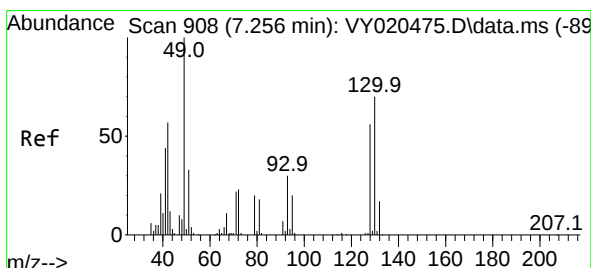
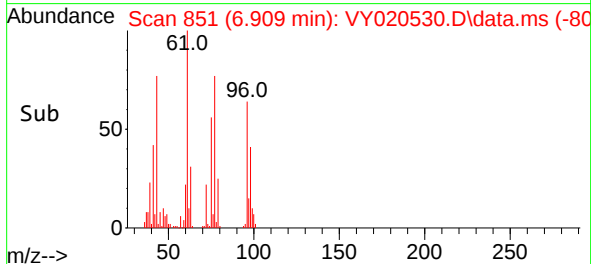
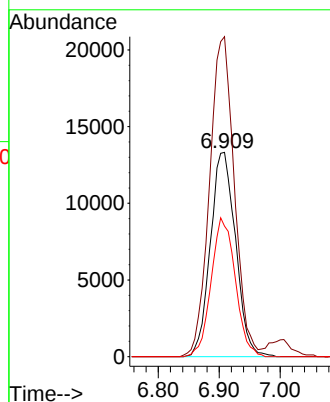
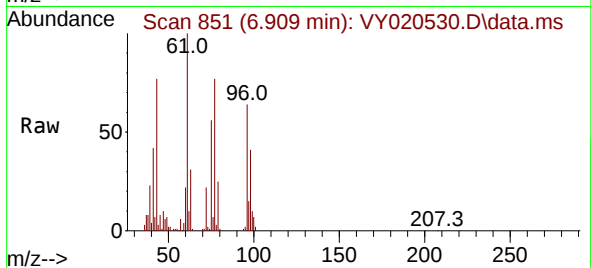




#27
 cis-1,2-Dichloroethene
 Concen: 20.739 ug/l
 RT: 6.909 min Scan# 850
 Delta R.T. 0.006 min
 Lab File: VY020530.D
 Acq: 06 Dec 2024 12:19

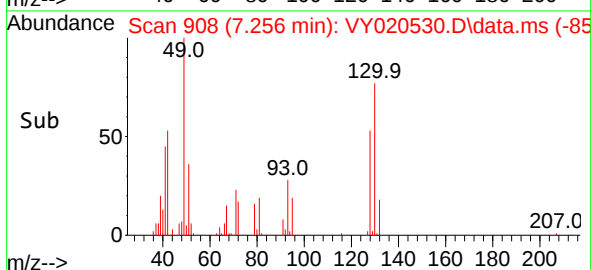
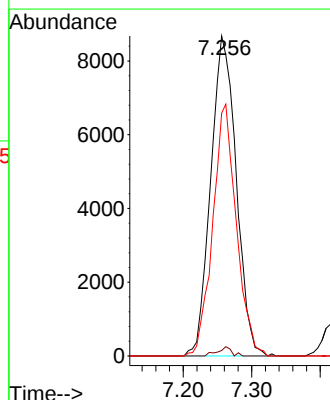
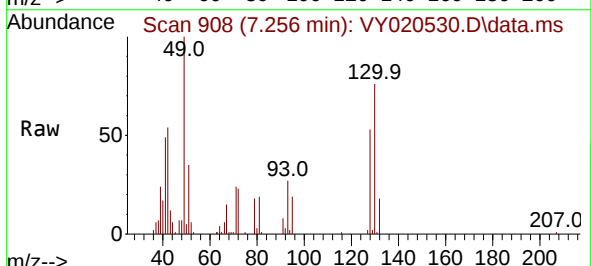
Instrument :
 MSVOA_Y
 ClientSampleId :

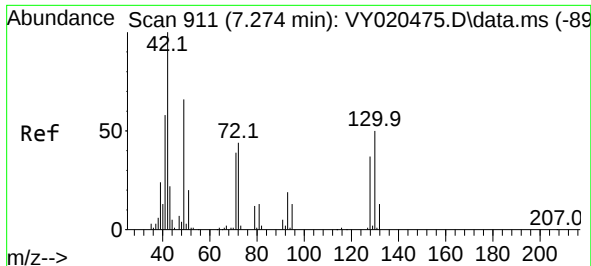
Tgt Ion: 96 Resp: 38273
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 312.4
 98 65.2 0.0 126.8



#28
 Bromochloromethane
 Concen: 19.734 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY020530.D
 Acq: 06 Dec 2024 12:19

Tgt Ion: 49 Resp: 22390
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 72.9 55.0 82.6





#29

Tetrahydrofuran

Concen: 114.907 ug/l

RT: 7.281 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

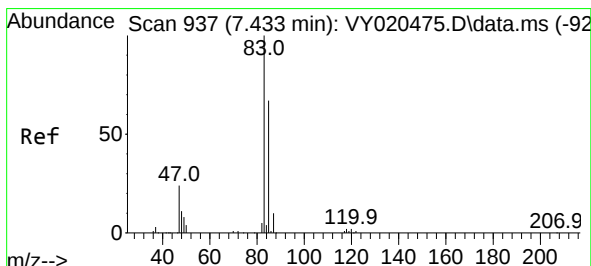
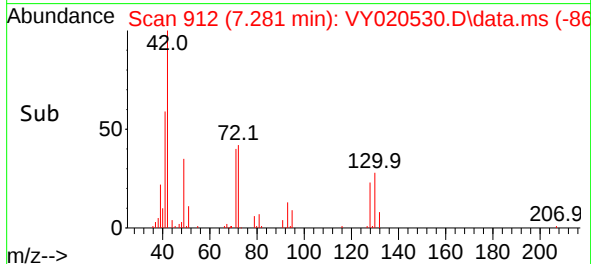
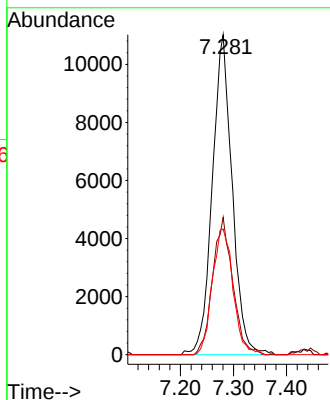
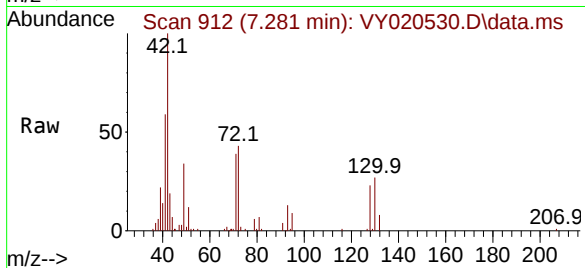
Tgt Ion: 42 Resp: 28693

Ion Ratio Lower Upper

42 100

72 43.3 33.4 50.0

71 41.0 31.9 47.9



#30

Chloroform

Concen: 21.097 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.000 min

Lab File: VY020530.D

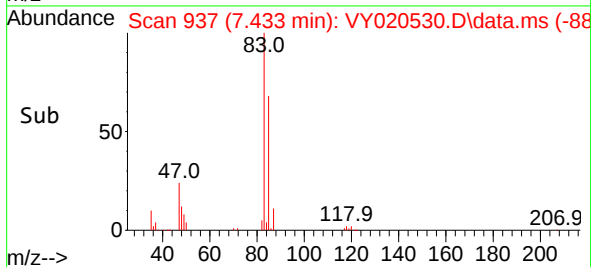
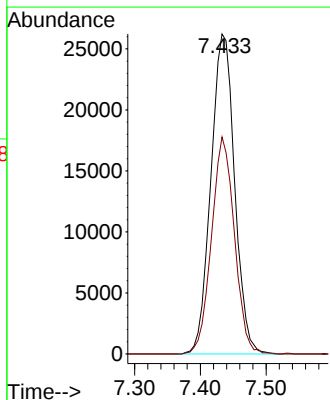
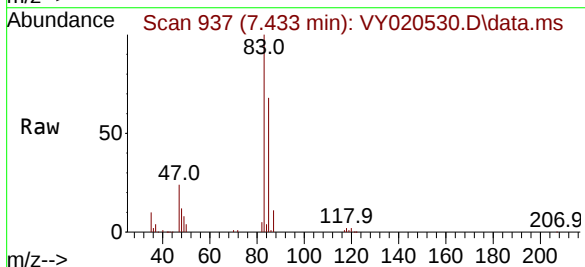
Acq: 06 Dec 2024 12:19

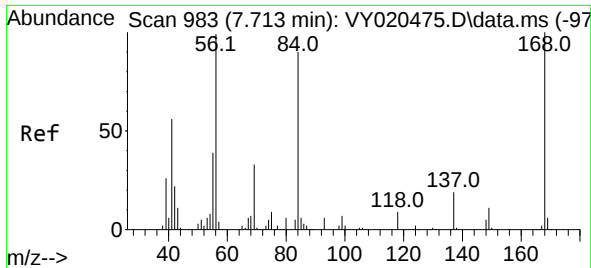
Tgt Ion: 83 Resp: 65784

Ion Ratio Lower Upper

83 100

85 67.8 50.3 75.5

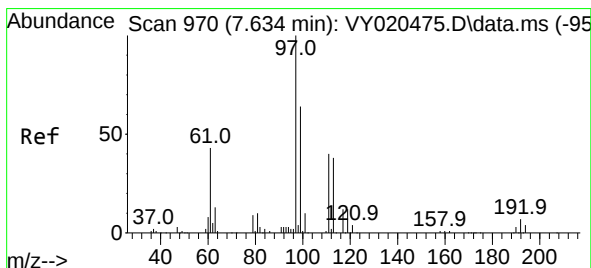
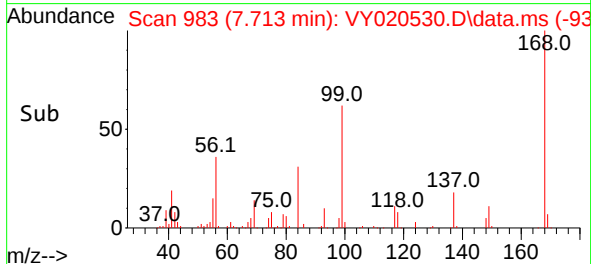
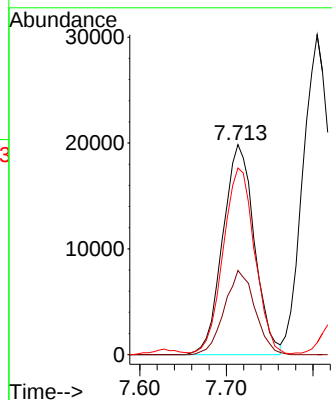
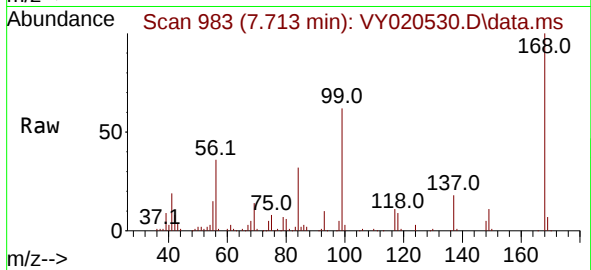




#31
Cyclohexane
Concen: 18.329 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

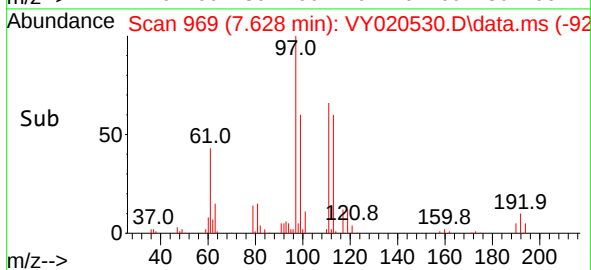
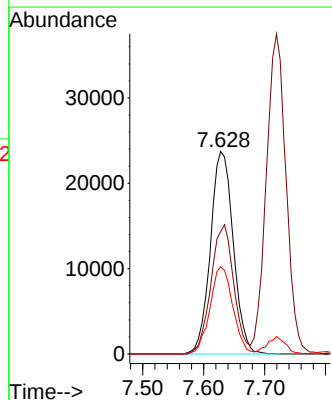
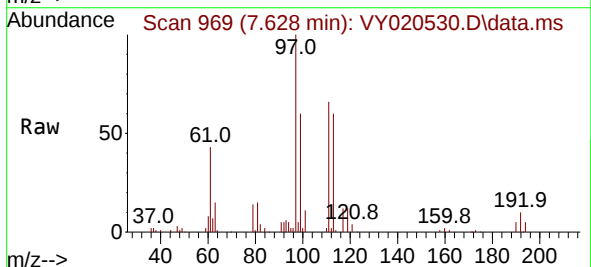
Instrument :
MSVOA_Y
ClientSampleId :

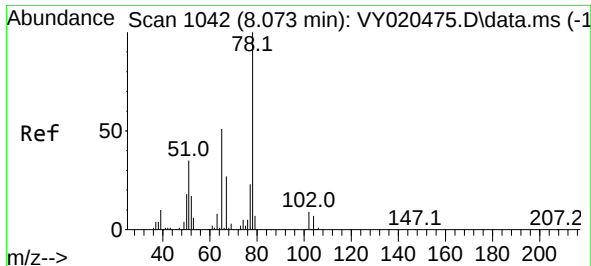
Tgt Ion: 56 Resp: 50344
Ion Ratio Lower Upper
56 100
69 40.0 25.3 37.9#
84 87.5 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.574 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 97 Resp: 61773
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 53.989 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

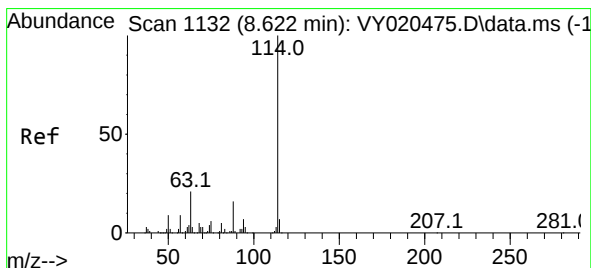
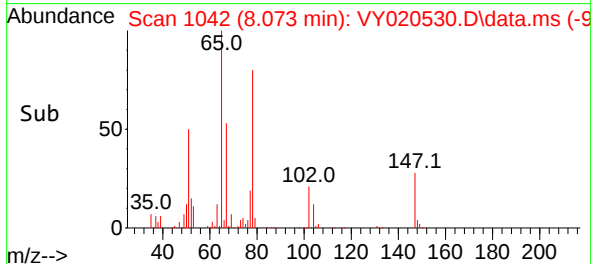
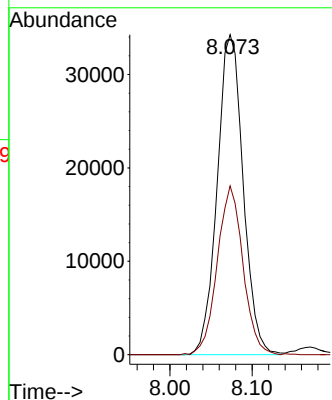
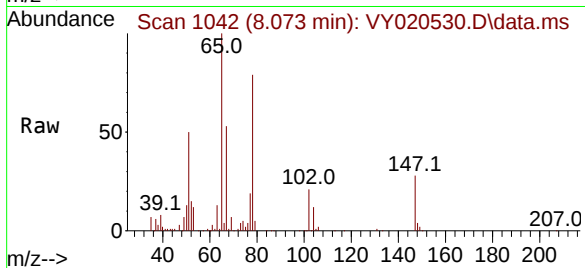
ClientSampleId :

Tgt Ion: 65 Resp: 75264

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

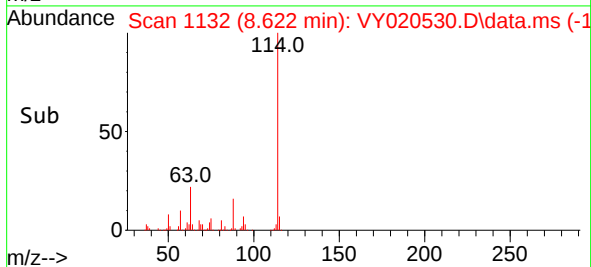
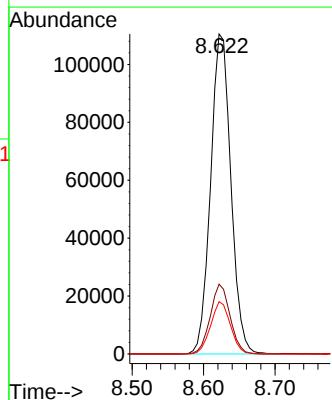
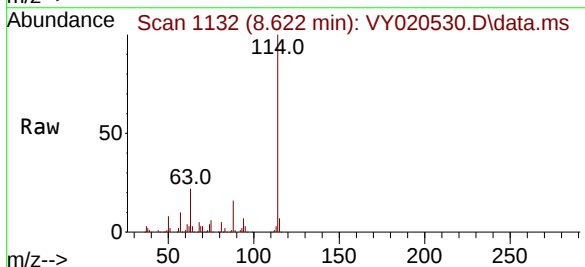
Tgt Ion: 114 Resp: 217851

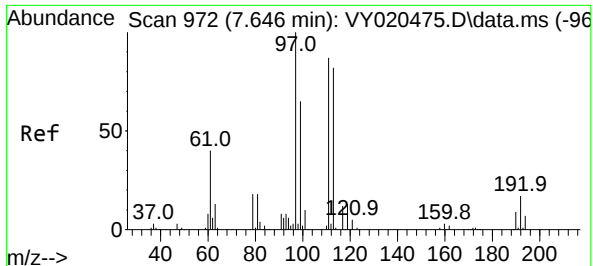
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

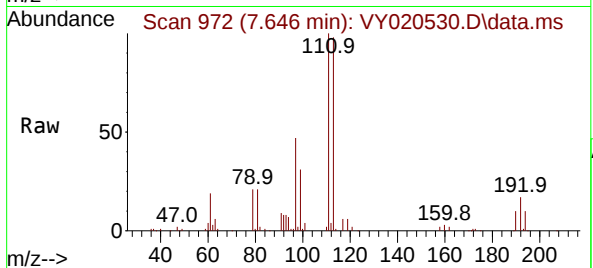
88 16.4 0.0 32.0



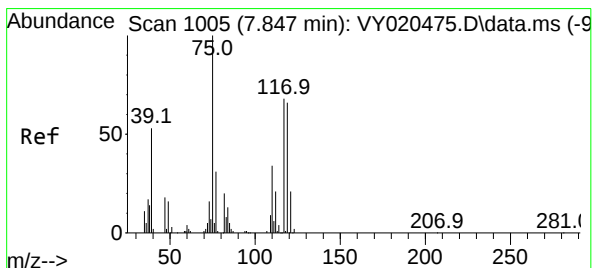
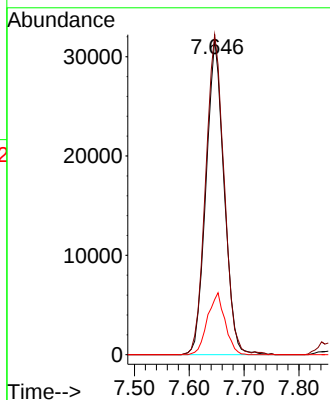
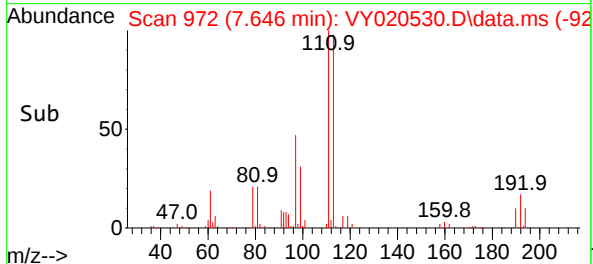


#35
Dibromofluoromethane
Concen: 52.673 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

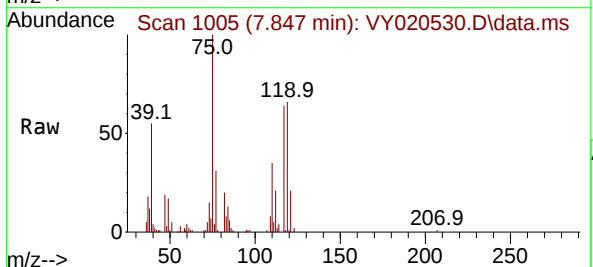
Instrument :
MSVOA_Y
ClientSampleId :



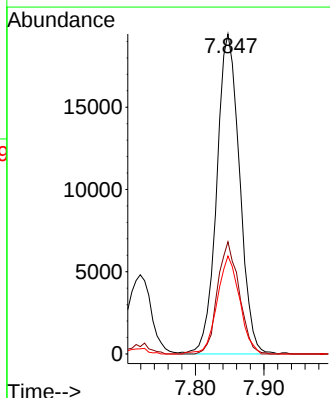
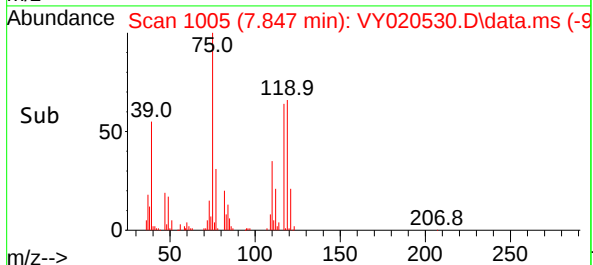
Tgt Ion:113 Resp: 72240
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 19.2 15.1 22.7

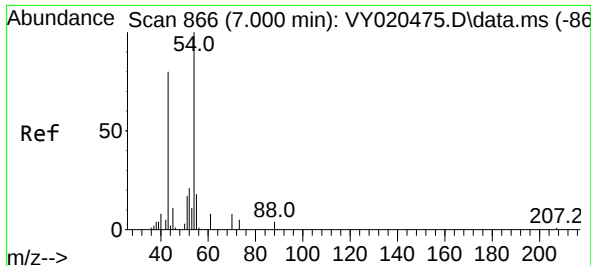


#36
1,1-Dichloropropene
Concen: 19.435 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19



Tgt Ion: 75 Resp: 45012
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.0
77 29.9 24.6 36.8

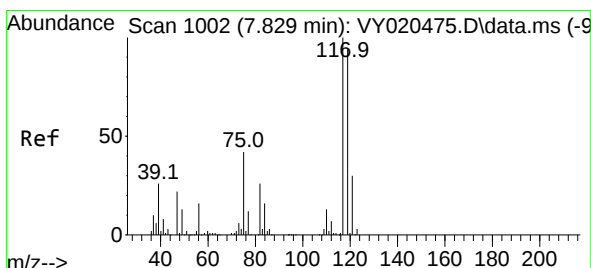
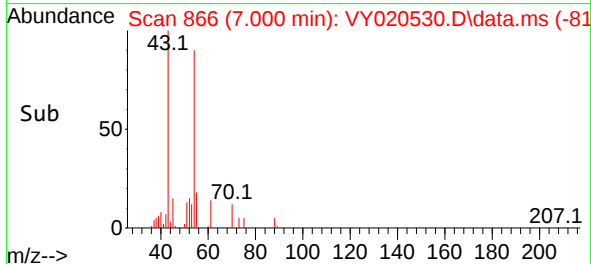
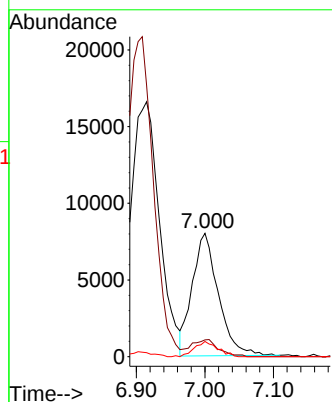
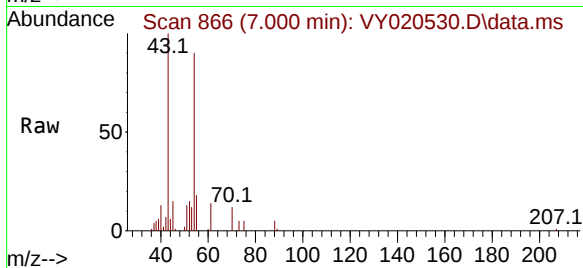




#37
Ethyl Acetate
Concen: 23.092 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

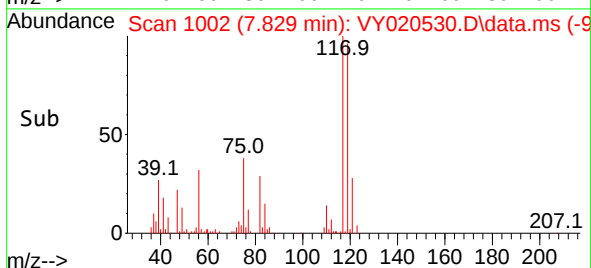
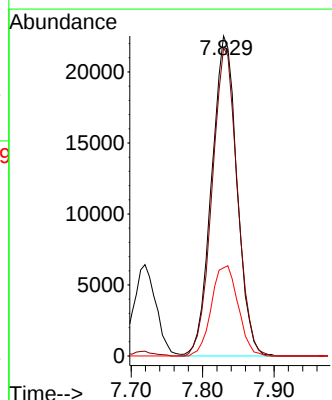
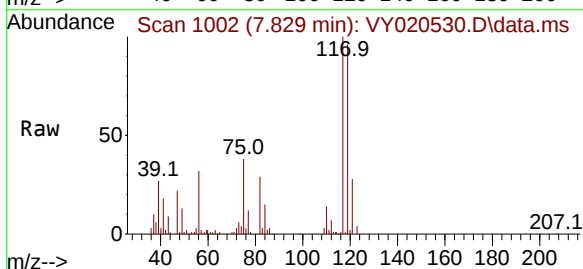
Instrument :
MSVOA_Y
ClientSampleId :

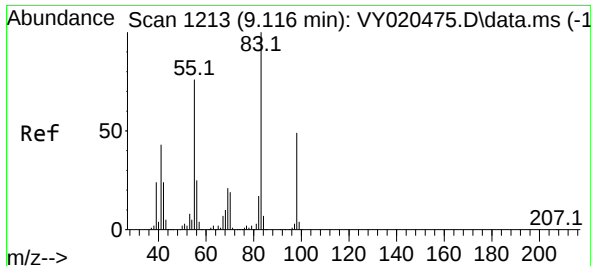
Tgt Ion: 43 Resp: 21188
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 11.0 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 20.029 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 117 Resp: 55364
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6
121 27.6 24.6 37.0





#39

Methylcyclohexane

Concen: 18.339 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

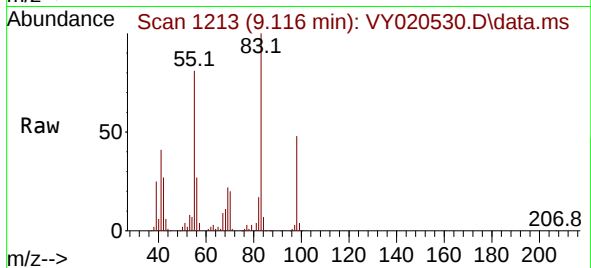
Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

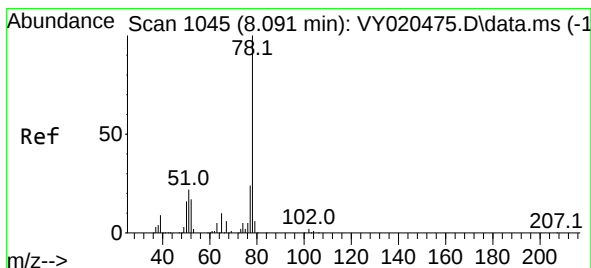
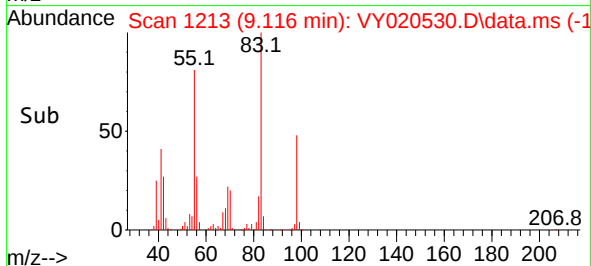
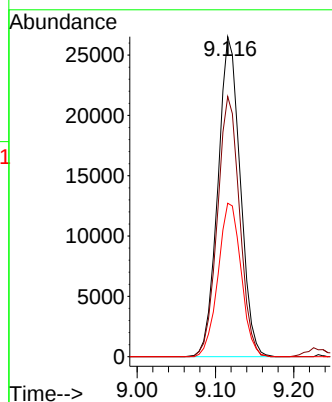
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 83	Resp: 52706
Ion Ratio	Lower Upper
83 100	
55 81.3	62.6 93.8
98 48.0	37.0 55.4



#40

Benzene

Concen: 20.062 ug/l

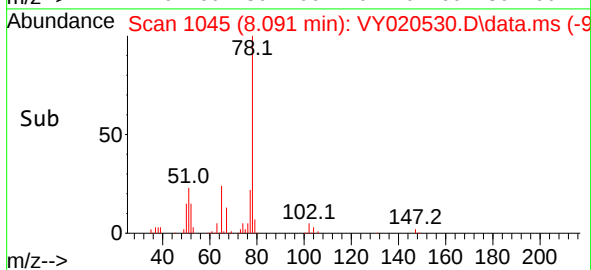
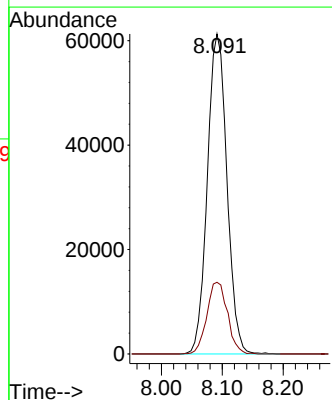
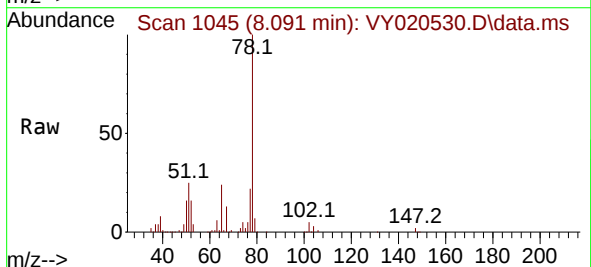
RT: 8.091 min Scan# 1045

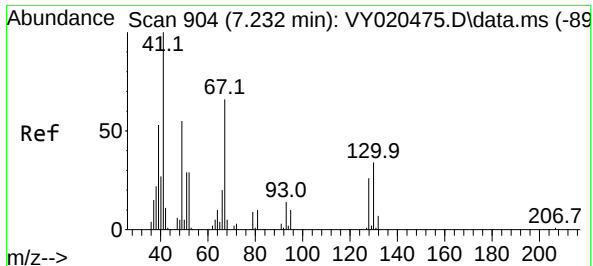
Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

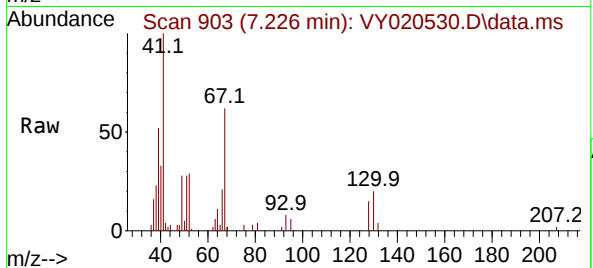
Tgt Ion: 78	Resp: 136992
Ion Ratio	Lower Upper
78 100	
77 22.4	19.4 29.0



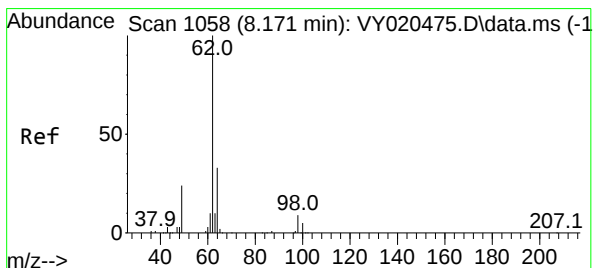
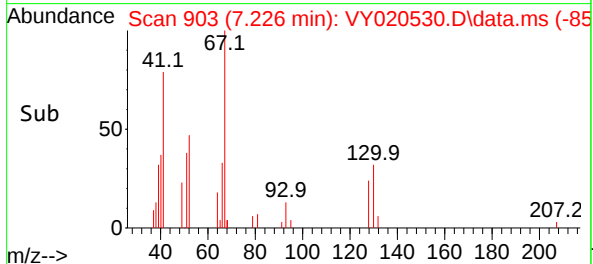
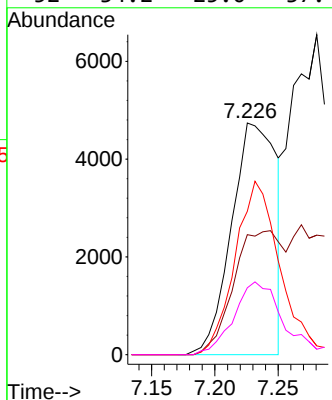


#41
Methacrylonitrile
Concen: 22.321 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :

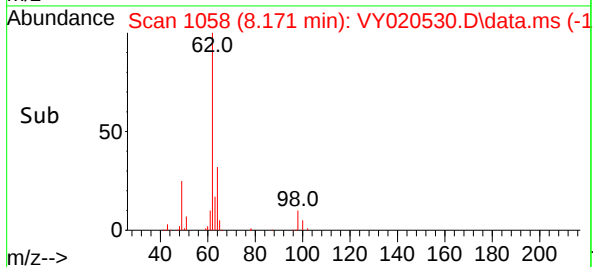
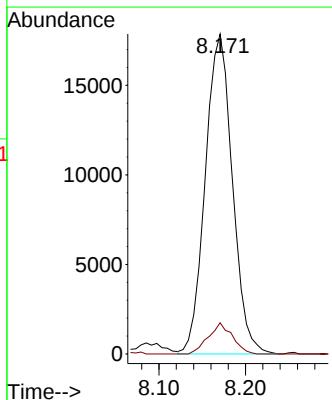
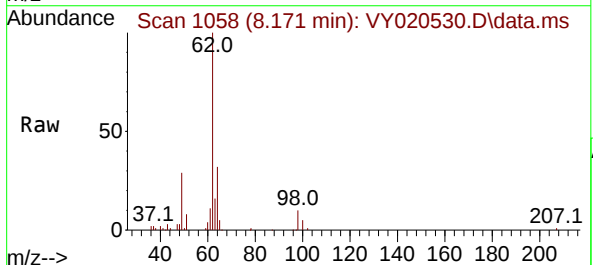


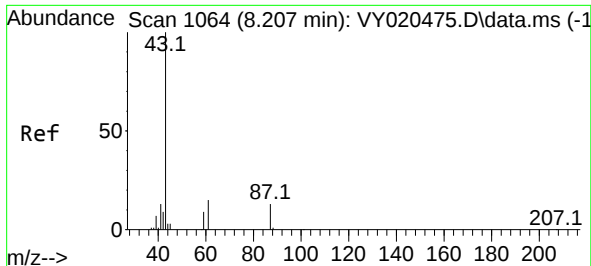
Tgt Ion:	41	Resp:	11643
Ion	Ratio	Lower	Upper
41	100		
39	60.1	49.0	73.4
67	75.4	57.1	85.7
52	34.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.676 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion:	62	Resp:	38893
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0

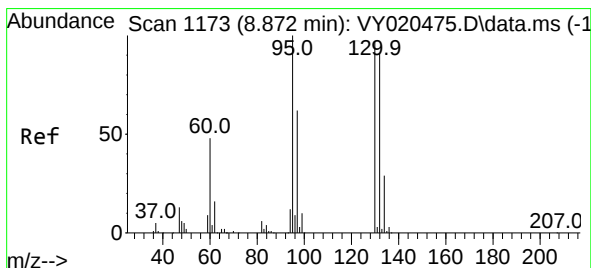
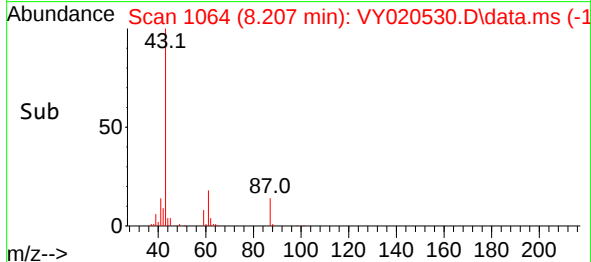
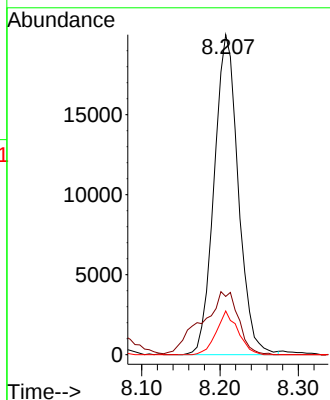
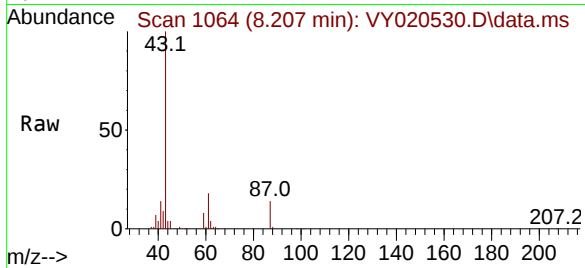




#43
Isopropyl Acetate
Concen: 23.106 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

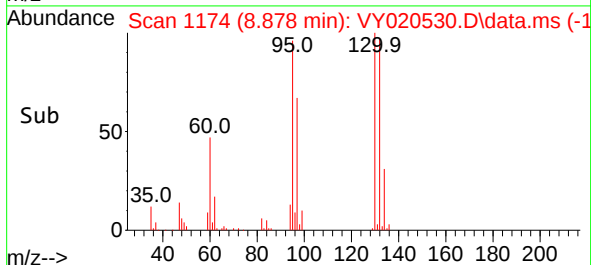
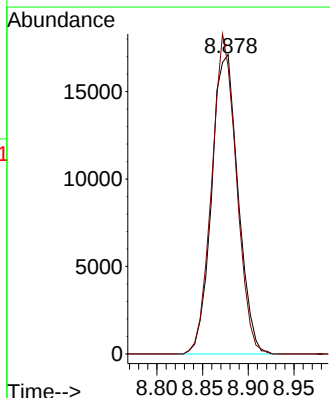
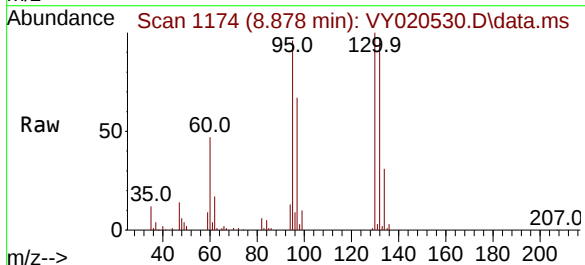
Instrument :
MSVOA_Y
ClientSampleId :

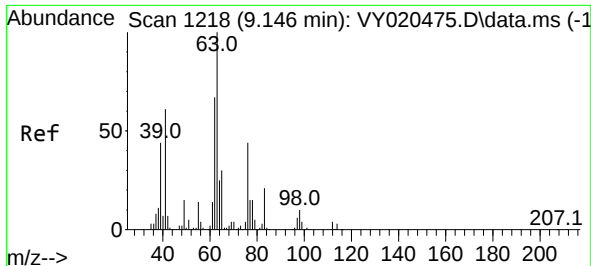
Tgt Ion: 43 Resp: 42810
Ion Ratio Lower Upper
43 100
61 29.9 22.8 34.2
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 20.455 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 130 Resp: 34434
Ion Ratio Lower Upper
130 100
95 96.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.097 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

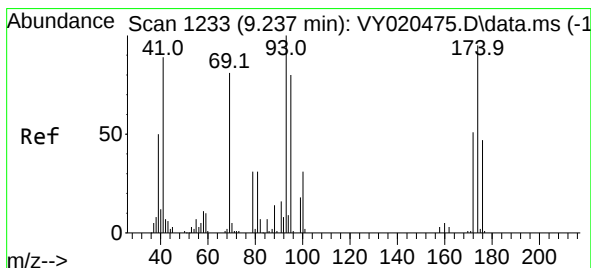
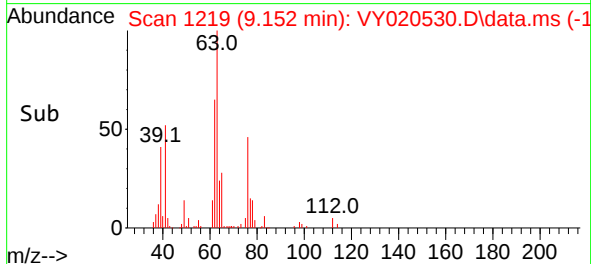
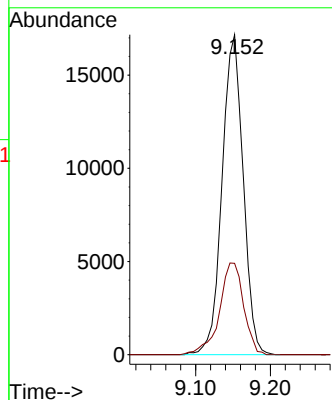
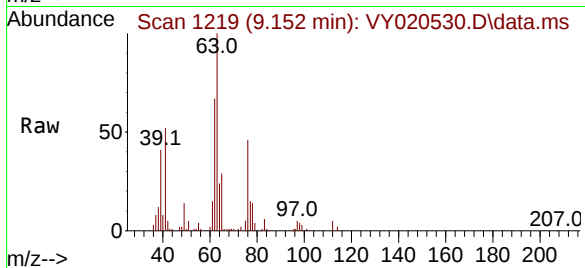
ClientSampleId :

Tgt Ion: 63 Resp: 33712

Ion Ratio Lower Upper

63 100

65 28.5 24.2 36.4



#46

Dibromomethane

Concen: 21.862 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

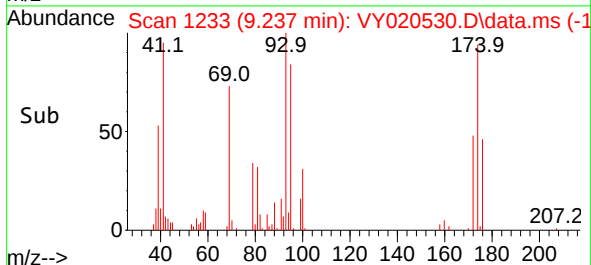
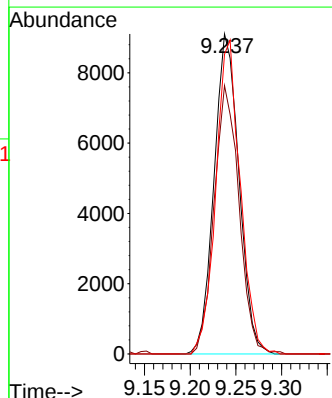
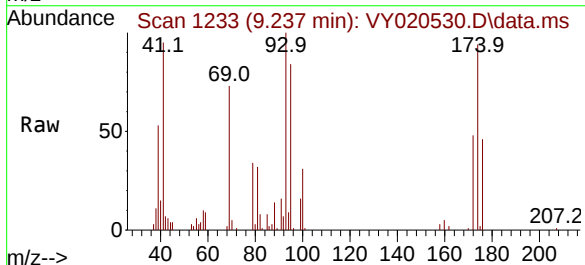
Tgt Ion: 93 Resp: 17297

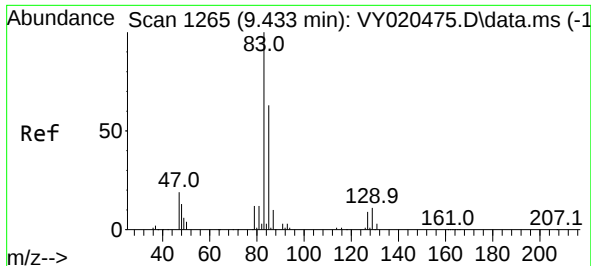
Ion Ratio Lower Upper

93 100

95 83.6 65.3 97.9

174 95.9 74.4 111.6

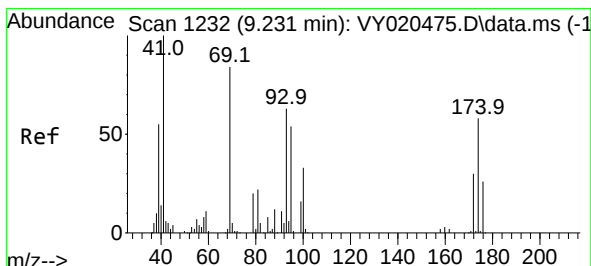
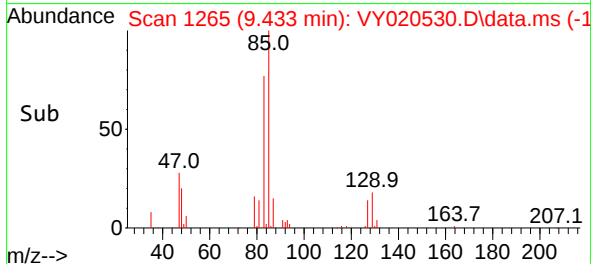
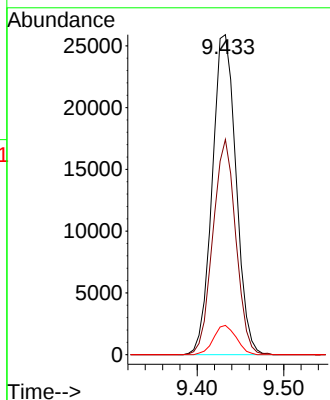
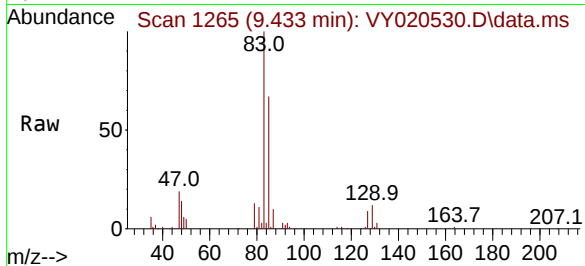




#47
Bromodichloromethane
Concen: 21.208 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

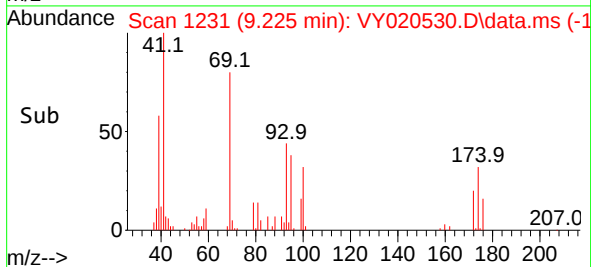
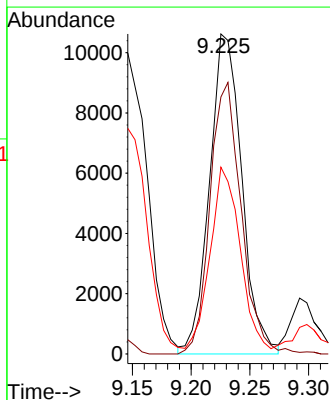
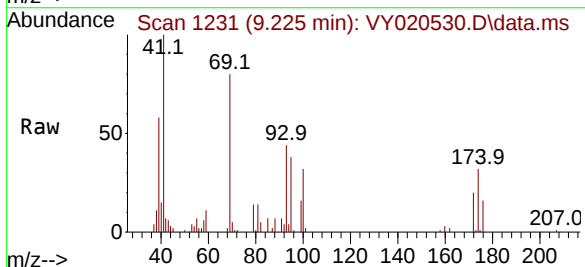
Instrument :
MSVOA_Y
ClientSampleId :

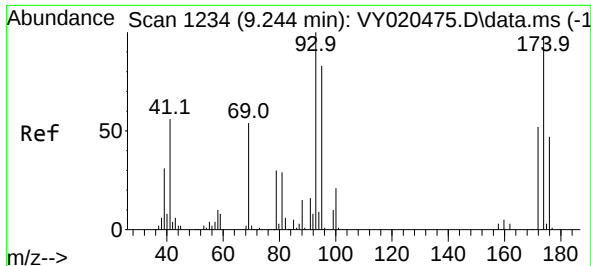
Tgt Ion: 83 Resp: 49437
Ion Ratio Lower Upper
83 100
85 67.3 51.4 77.2
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 23.508 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 41 Resp: 20311
Ion Ratio Lower Upper
41 100
69 82.1 66.1 99.1
39 52.5 46.0 69.0





#49

1,4-Dioxane

Concen: 525.620 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

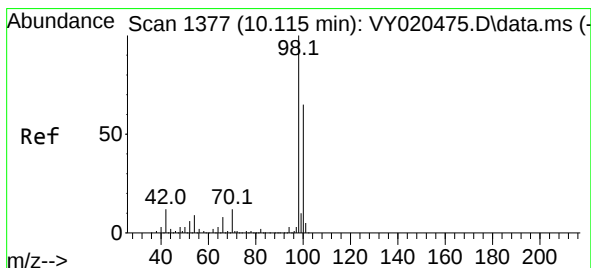
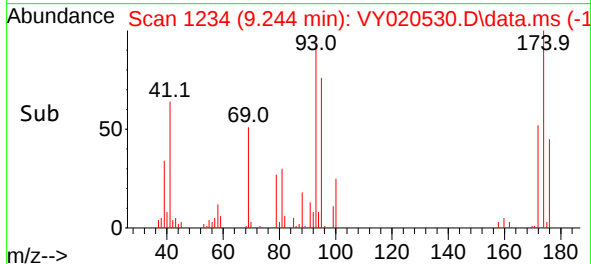
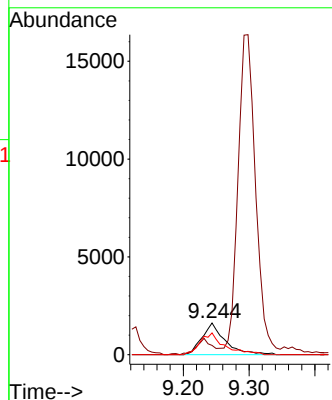
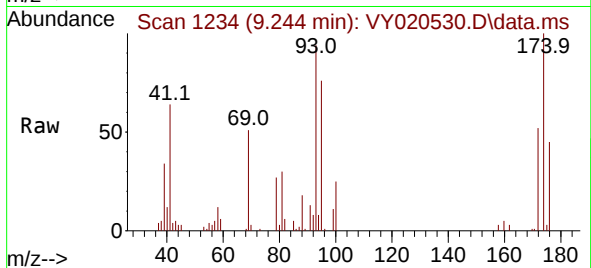
Tgt Ion: 88 Resp: 3975

Ion Ratio Lower Upper

88 100

43 32.0 24.6 37.0

58 71.8 59.6 89.4



#50

Toluene-d8

Concen: 51.939 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020530.D

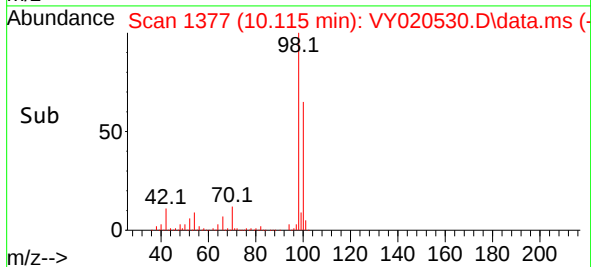
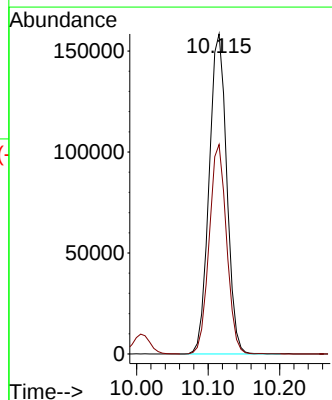
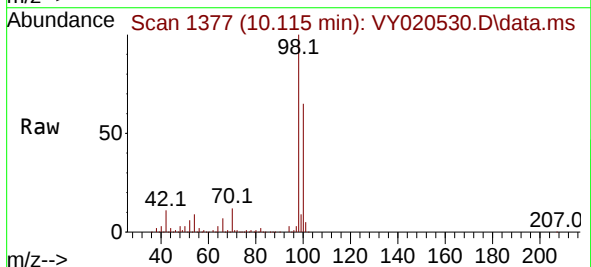
Acq: 06 Dec 2024 12:19

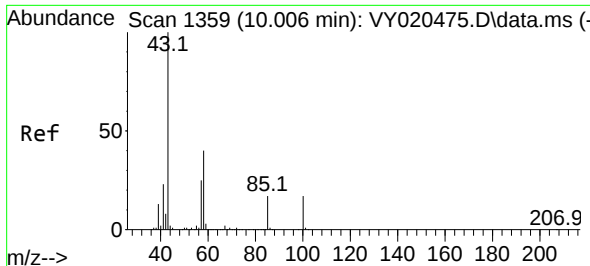
Tgt Ion: 98 Resp: 271244

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9

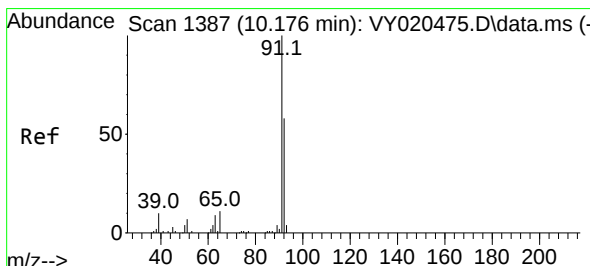
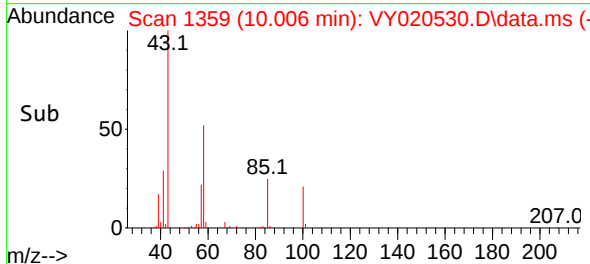
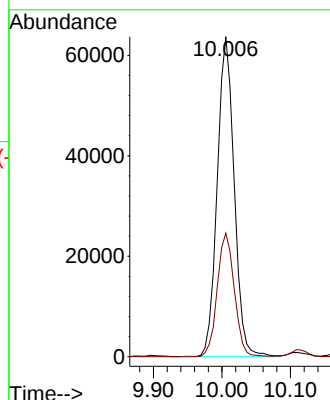
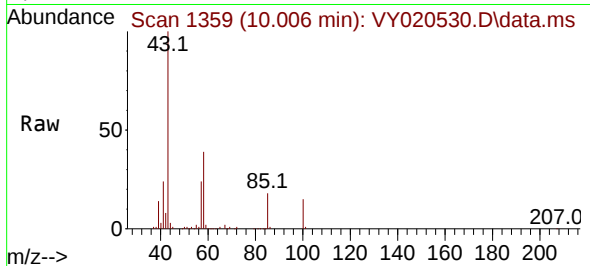




#51
4-Methyl-2-Pentanone
Concen: 119.642 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

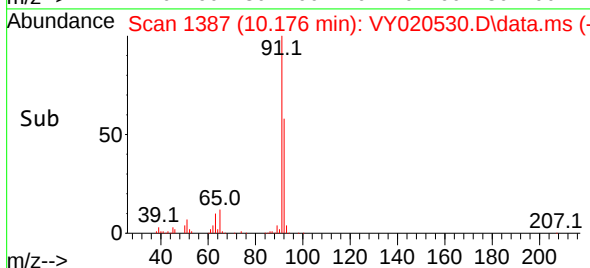
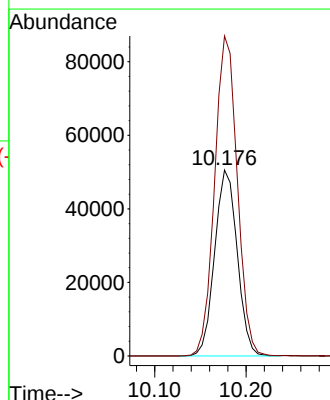
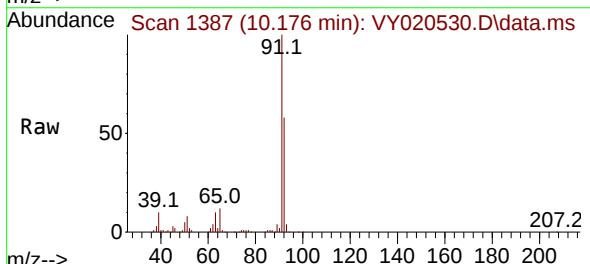
Instrument :
MSVOA_Y
ClientSampleId :

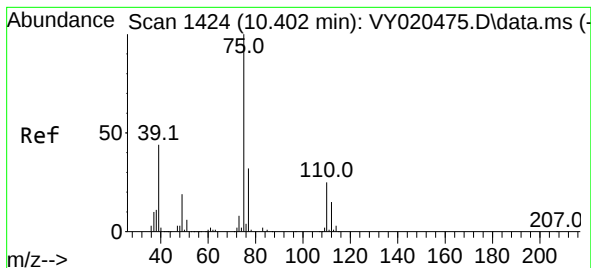
Tgt Ion: 43 Resp: 109473
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3



#52
Toluene
Concen: 20.344 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 92 Resp: 86674
Ion Ratio Lower Upper
92 100
91 172.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.754 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

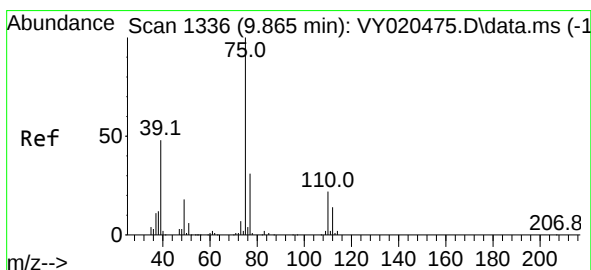
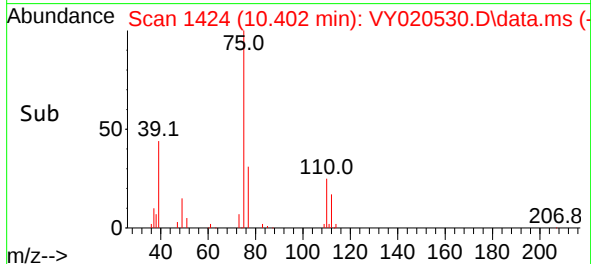
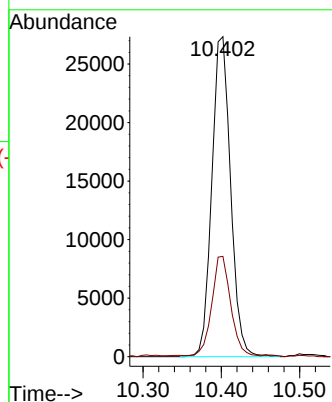
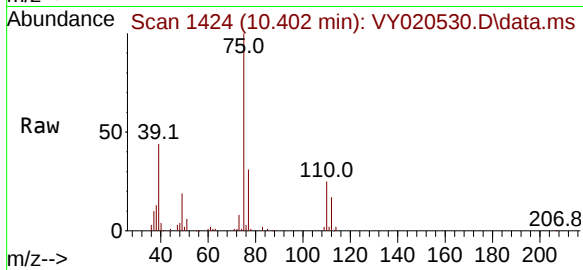
ClientSampleId :

Tgt Ion: 75 Resp: 45525

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.829 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

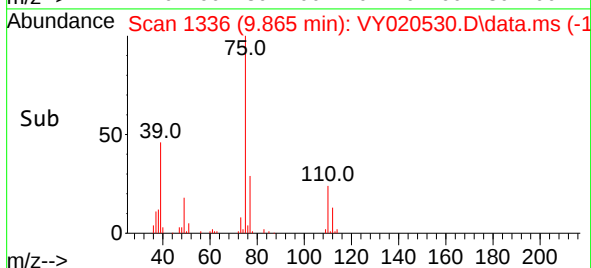
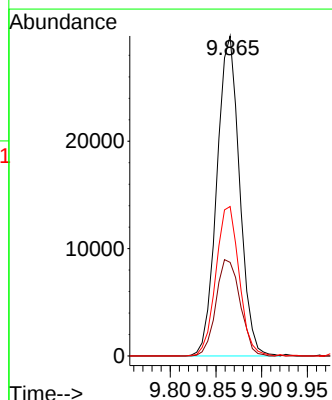
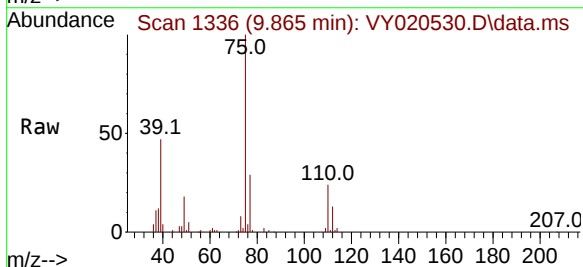
Tgt Ion: 75 Resp: 51514

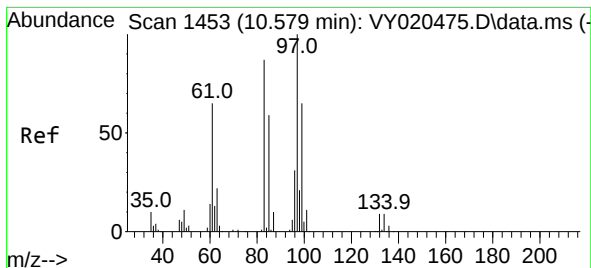
Ion Ratio Lower Upper

75 100

77 29.3 25.0 37.4

39 46.7 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 22.561 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 23811

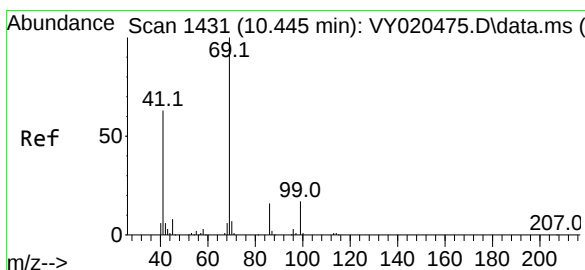
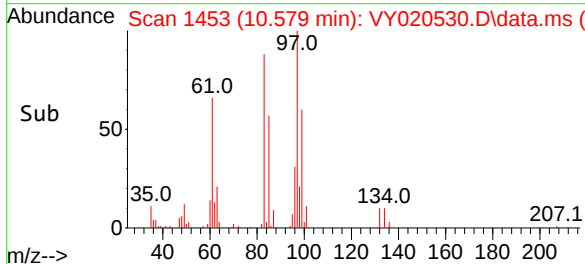
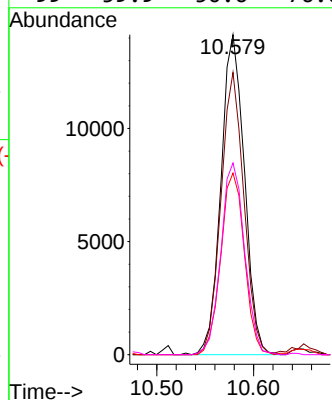
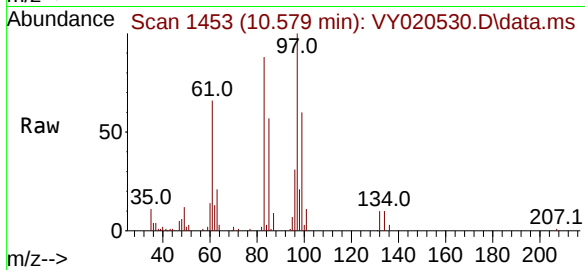
Ion Ratio Lower Upper

97 100

83 88.2 70.8 106.2

85 56.7 44.9 67.3

99 59.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 21.812 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

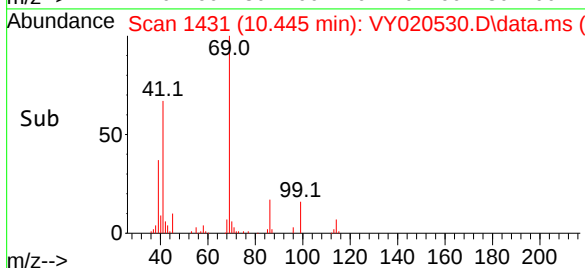
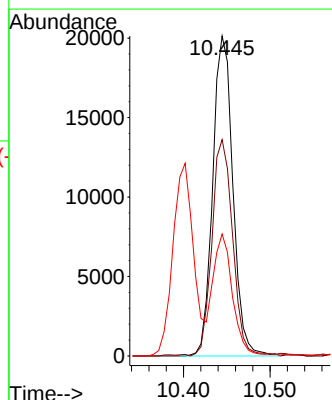
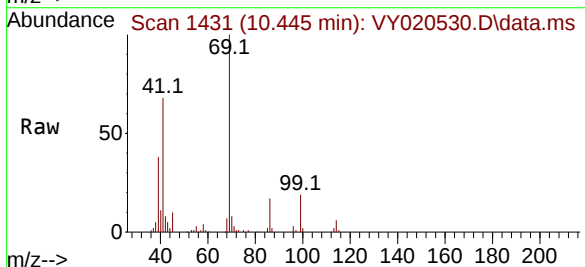
Tgt Ion: 69 Resp: 32573

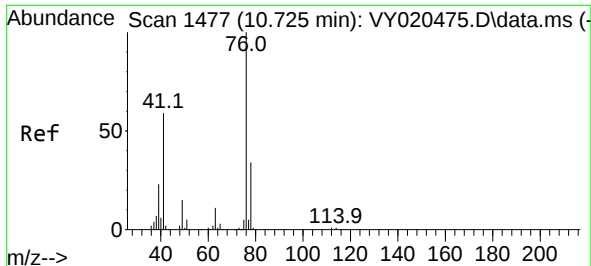
Ion Ratio Lower Upper

69 100

41 69.9 56.1 84.1

39 36.0 29.7 44.5





#57

1,3-Dichloropropane

Concen: 22.065 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

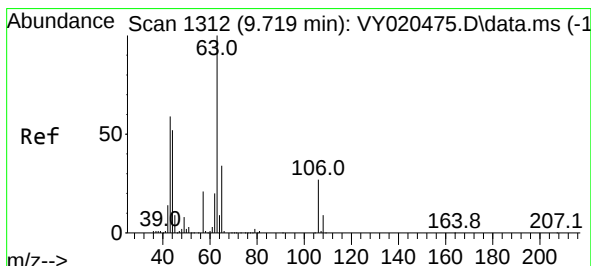
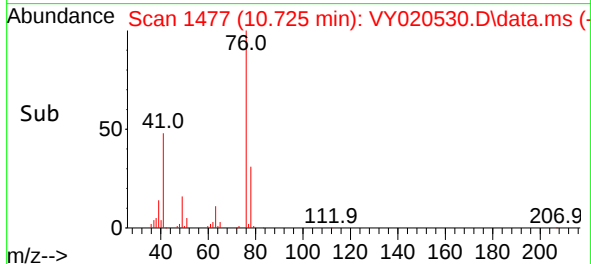
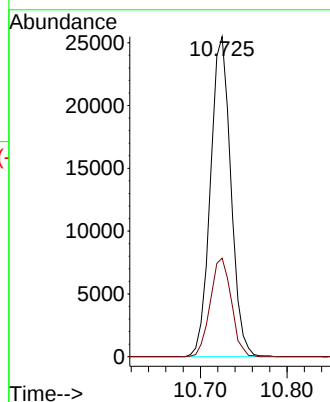
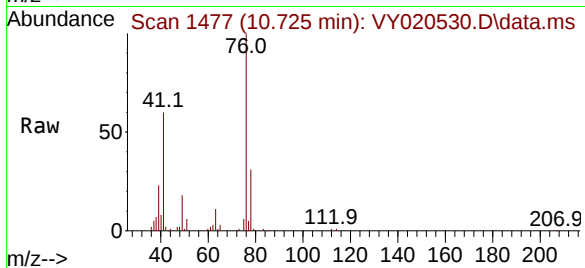
ClientSampleId :

Tgt Ion: 76 Resp: 41700

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 103.222 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020530.D

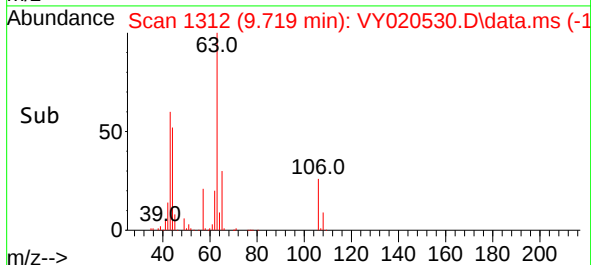
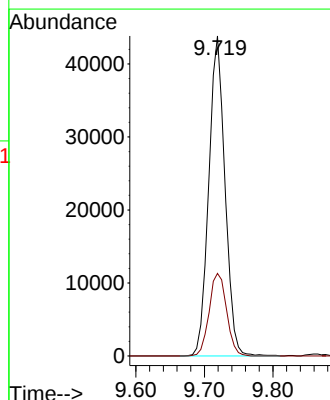
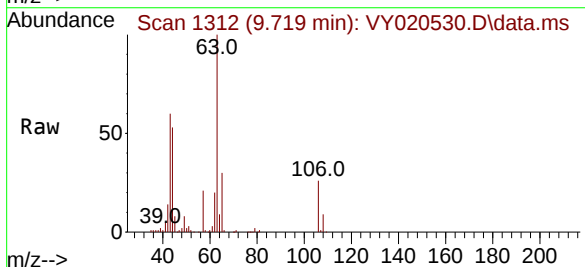
Acq: 06 Dec 2024 12:19

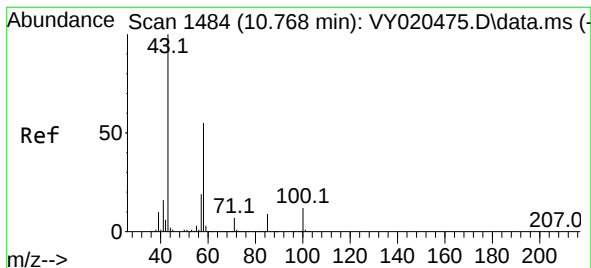
Tgt Ion: 63 Resp: 72171

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4

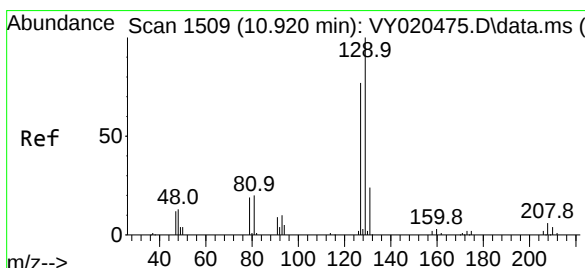
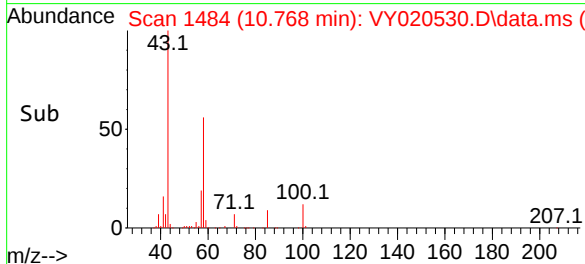
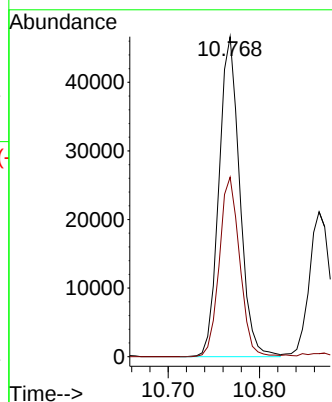
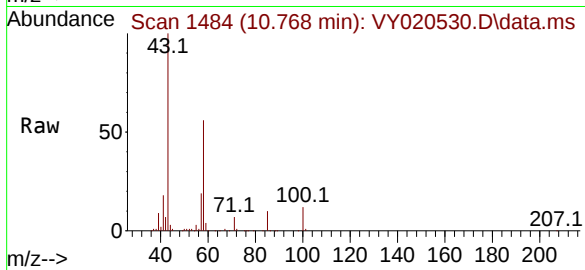




#59
2-Hexanone
Concen: 111.575 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

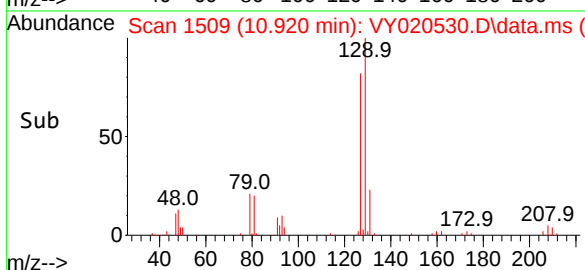
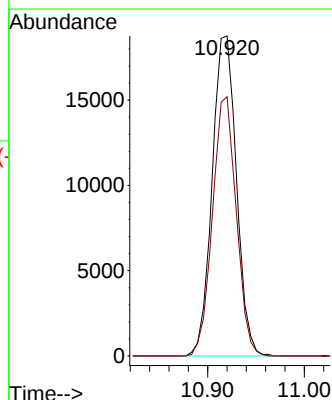
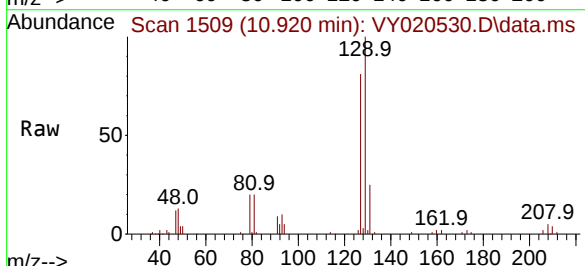
Instrument :
MSVOA_Y
ClientSampleId :

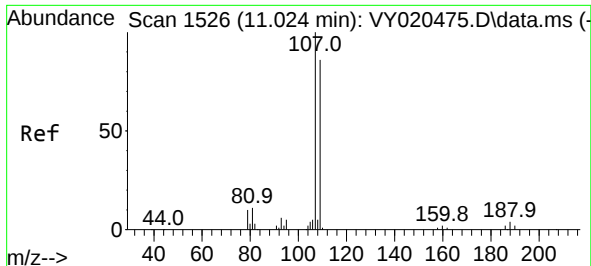
Tgt Ion: 43 Resp: 73650
Ion Ratio Lower Upper
43 100
58 55.3 26.4 79.2



#60
Dibromochloromethane
Concen: 22.242 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 129 Resp: 32682
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.9

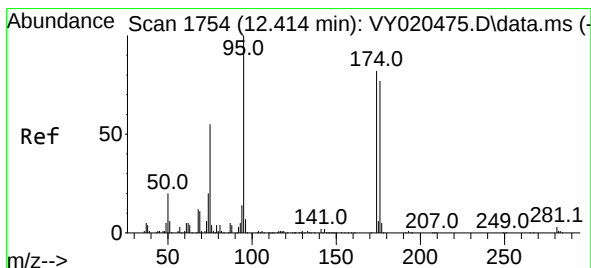
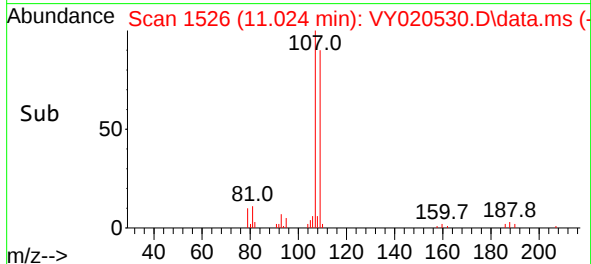
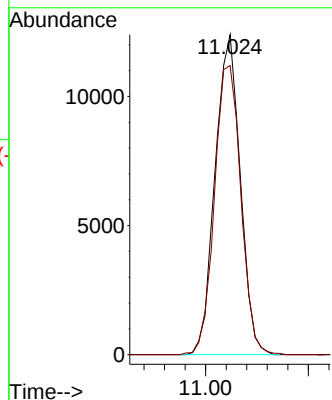
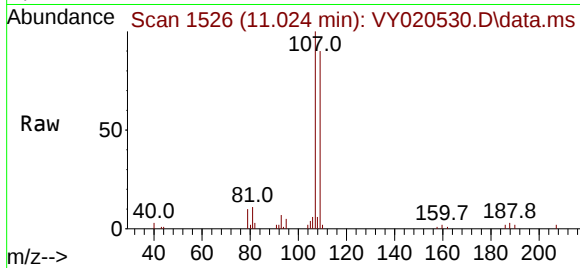




#61
1,2-Dibromoethane
Concen: 21.793 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

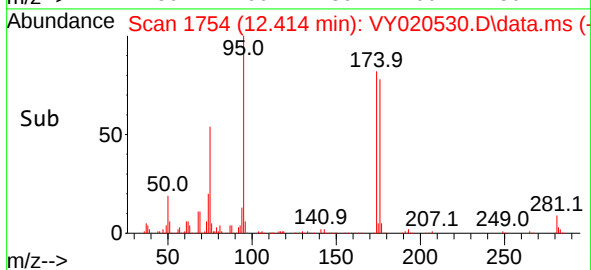
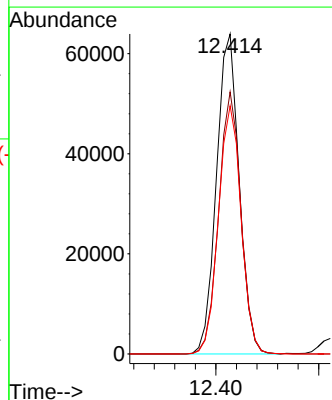
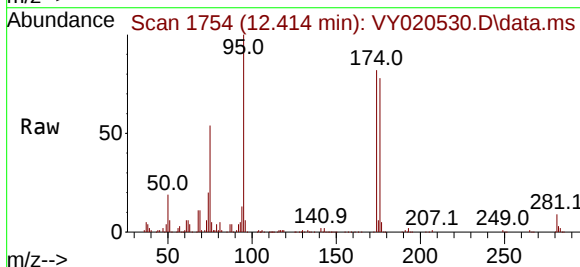
Instrument :
MSVOA_Y
ClientSampleId :

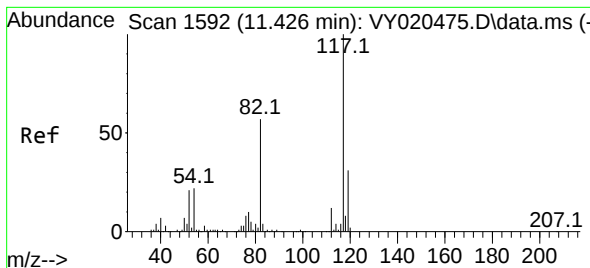
Tgt Ion:107 Resp: 21033
Ion Ratio Lower Upper
107 100
109 94.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 53.539 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 95 Resp: 97788
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.8
176 77.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

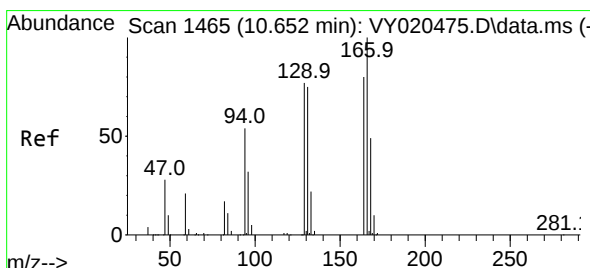
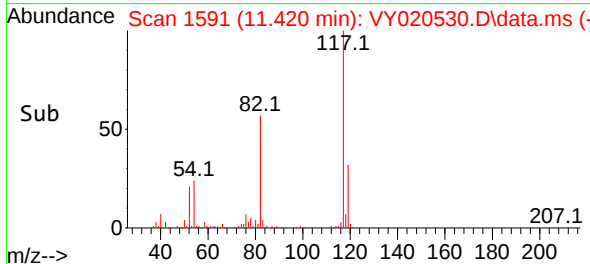
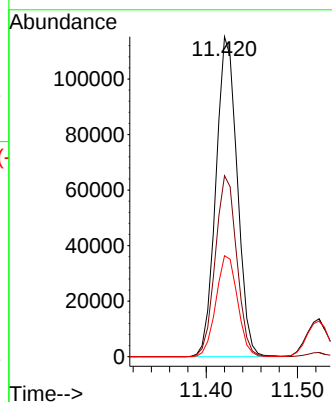
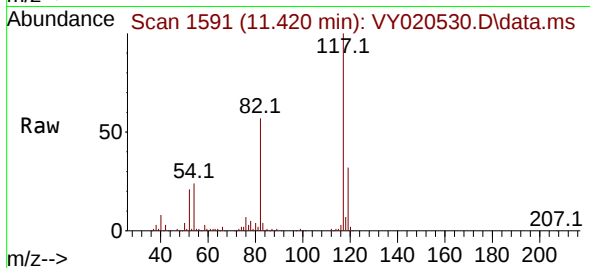
Tgt Ion:117 Resp: 186835

Ion Ratio Lower Upper

117 100

82 56.6 48.2 72.4

119 31.6 25.8 38.8



#64

Tetrachloroethene

Concen: 19.662 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Tgt Ion:164 Resp: 31041

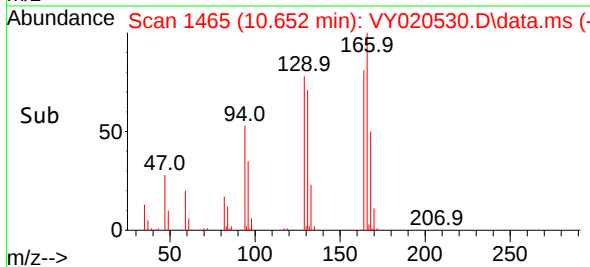
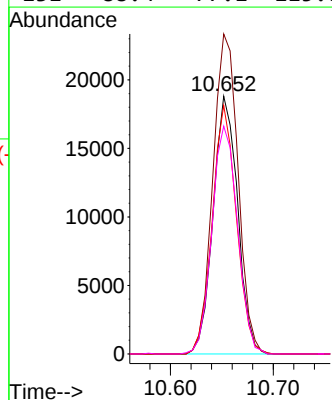
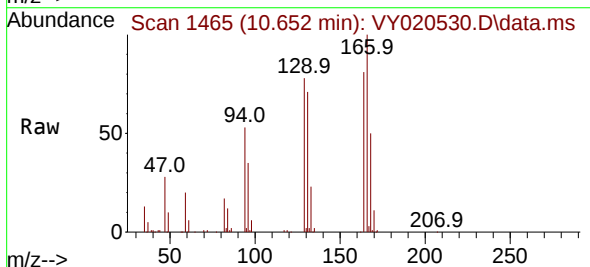
Ion Ratio Lower Upper

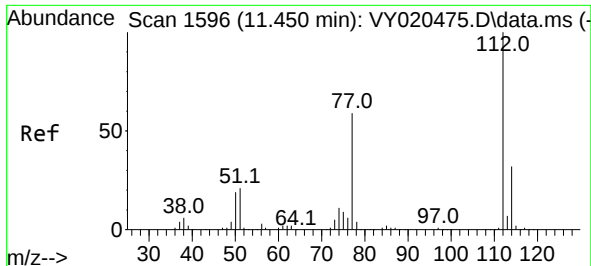
164 100

166 124.2 103.8 155.8

129 96.4 79.0 118.4

131 88.4 77.1 115.7

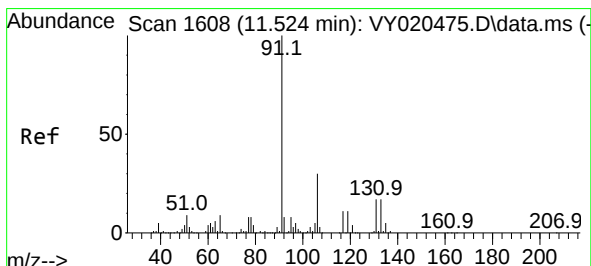
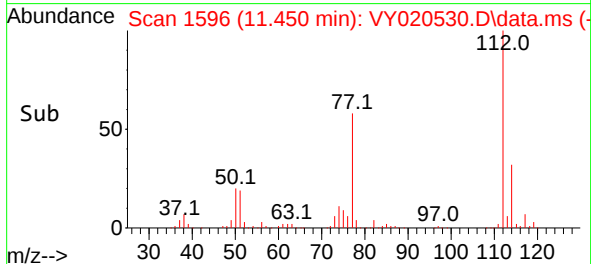
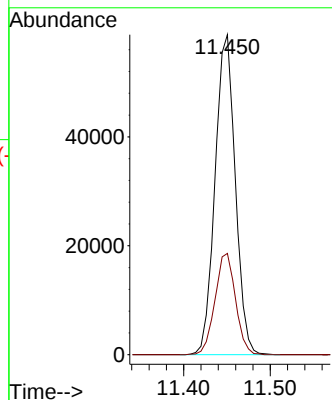
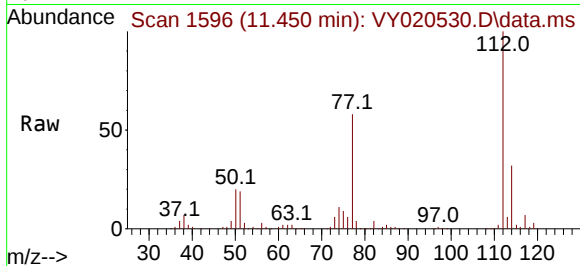




#65
Chlorobenzene
Concen: 20.344 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

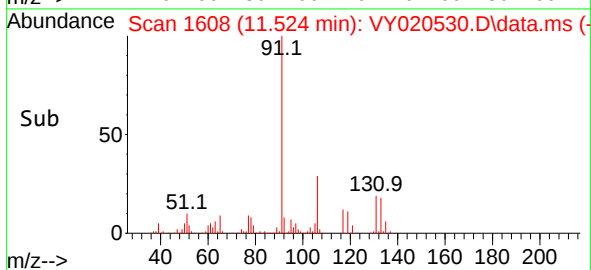
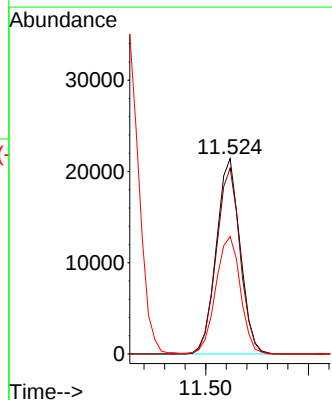
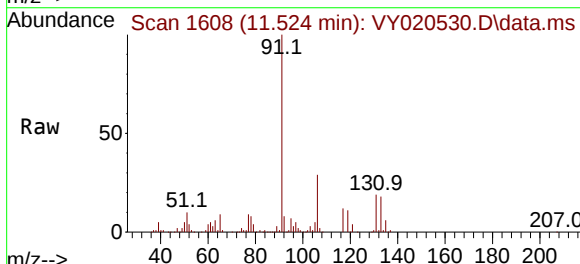
Instrument :
MSVOA_Y
ClientSampleId :

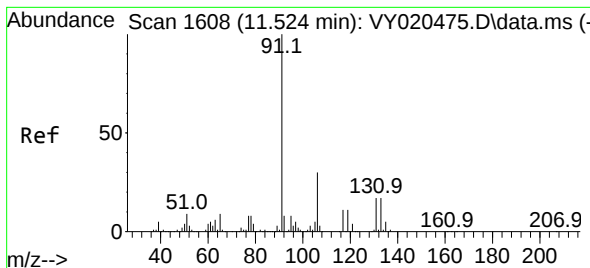
Tgt Ion:112 Resp: 95272
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.694 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion:131 Resp: 34369
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 62.2 32.5 97.5





#67

Ethyl Benzene

Concen: 19.709 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

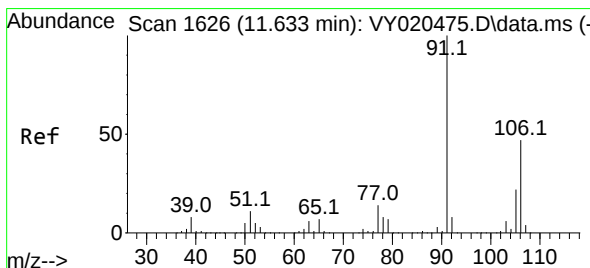
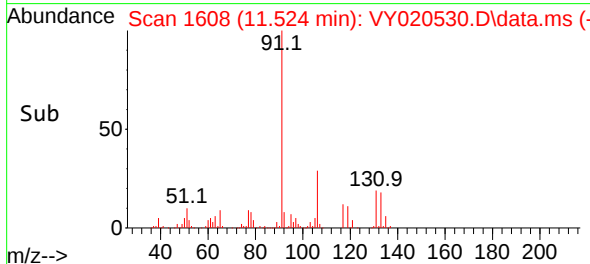
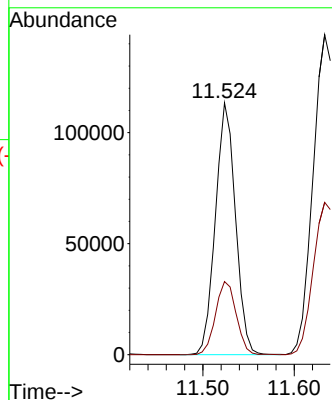
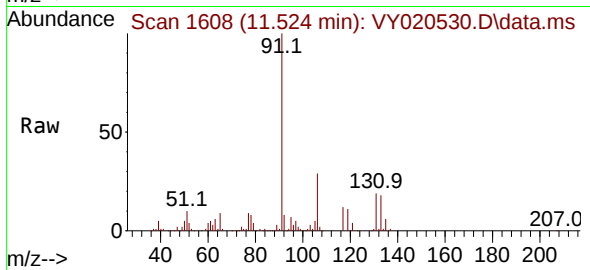
ClientSampleId :

Tgt Ion: 91 Resp: 173004

Ion Ratio Lower Upper

91 100

106 29.0 23.9 35.9



#68

m/p-Xylenes

Concen: 39.552 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020530.D

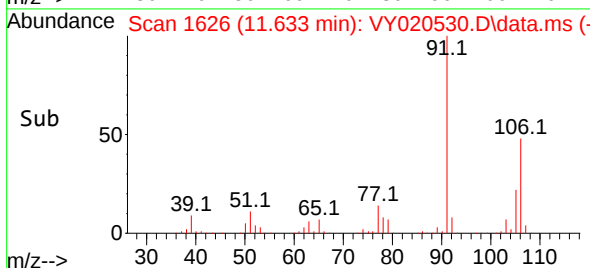
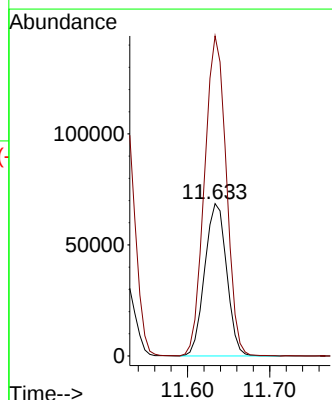
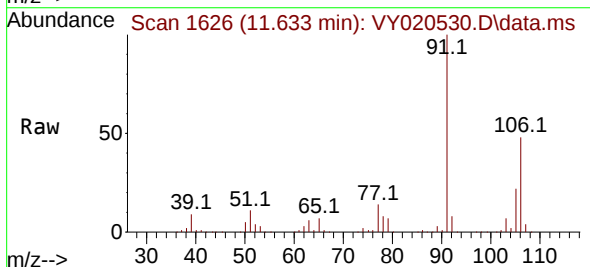
Acq: 06 Dec 2024 12:19

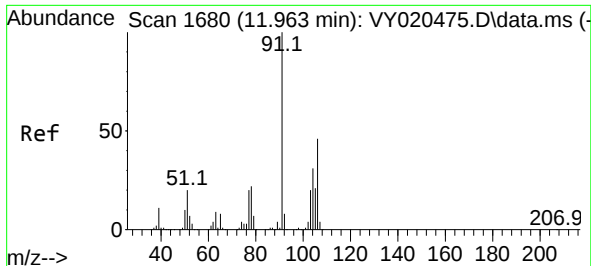
Tgt Ion:106 Resp: 127133

Ion Ratio Lower Upper

106 100

91 208.9 166.0 249.0





#69

o-Xylene

Concen: 20.293 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

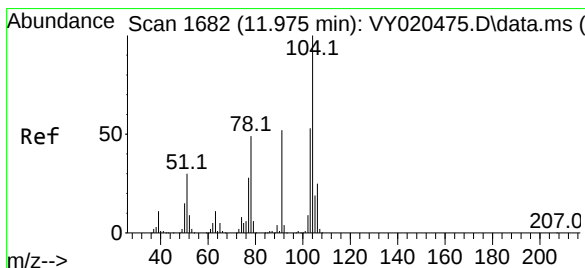
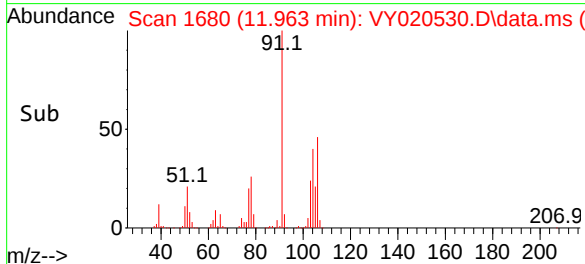
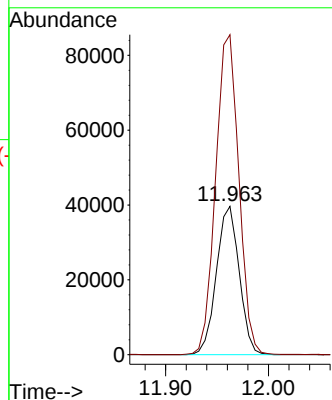
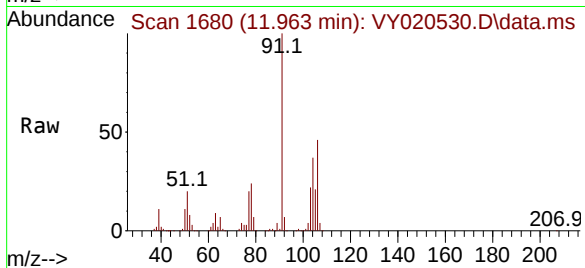
ClientSampleId :

Tgt Ion:106 Resp: 61109

Ion Ratio Lower Upper

106 100

91 219.9 110.0 330.0



#70

Styrene

Concen: 20.923 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

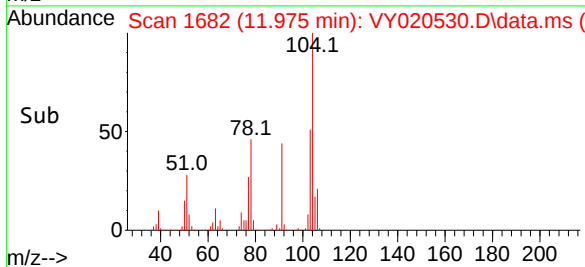
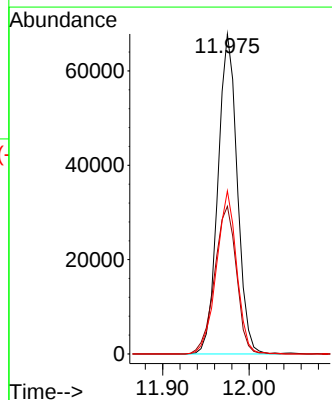
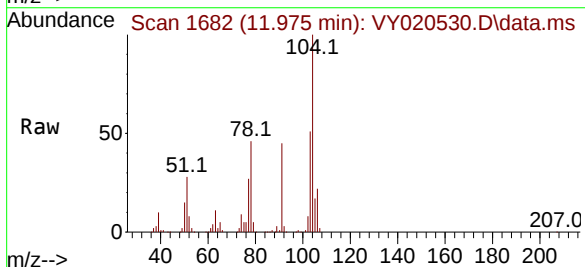
Tgt Ion:104 Resp: 105115

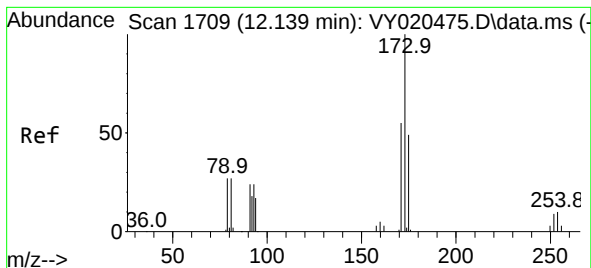
Ion Ratio Lower Upper

104 100

78 51.9 41.4 62.2

103 53.3 44.2 66.4





#71

Bromoform

Concen: 22.269 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

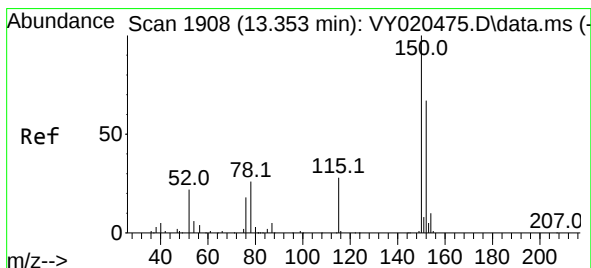
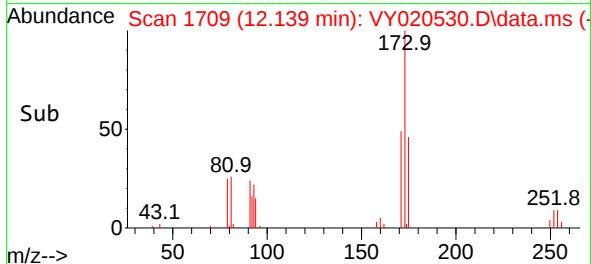
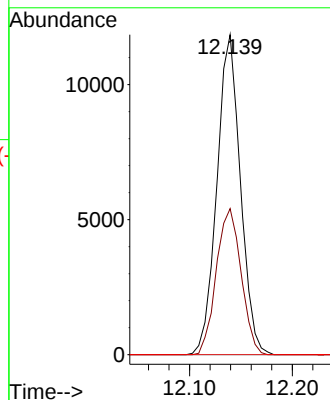
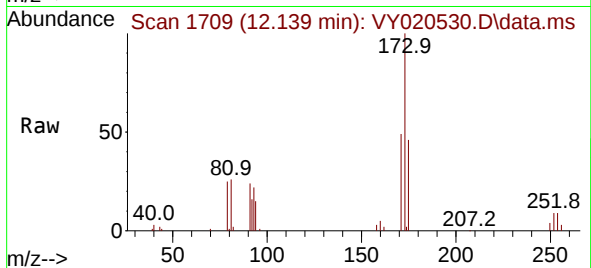
Tgt Ion:173 Resp: 18804

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

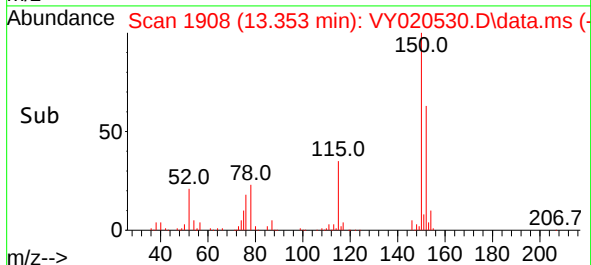
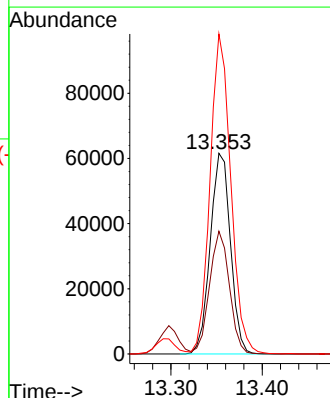
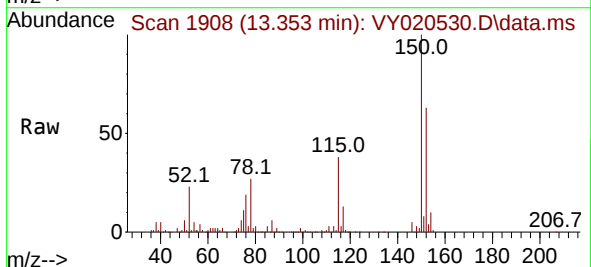
Tgt Ion:152 Resp: 94820

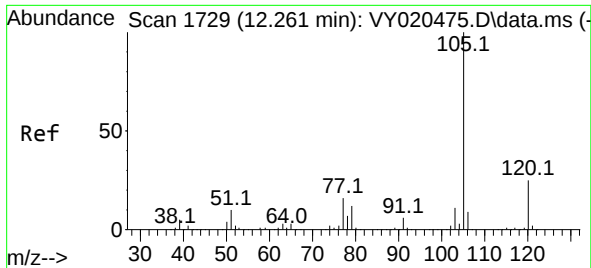
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 163.1 0.0 348.2

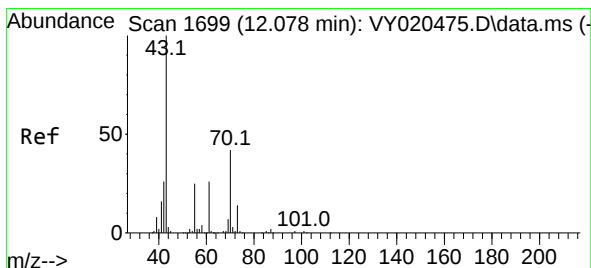
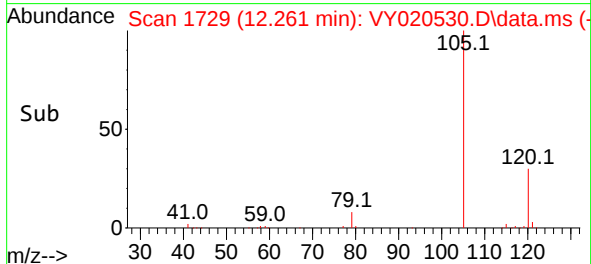
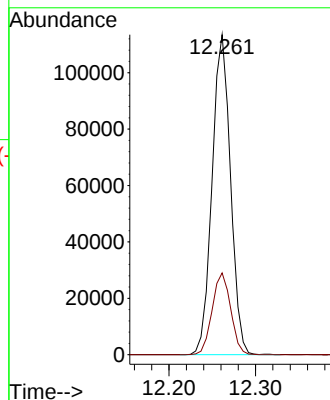
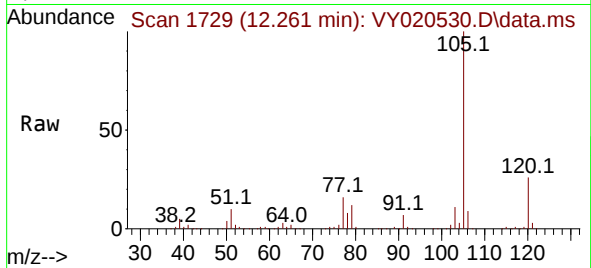




#73
Isopropylbenzene
Concen: 18.243 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

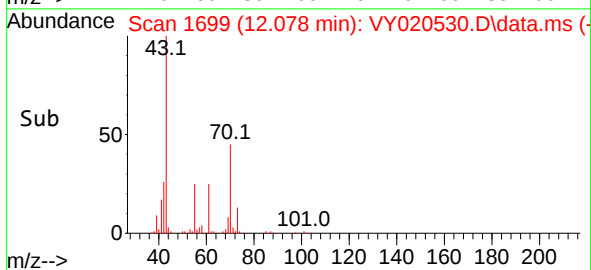
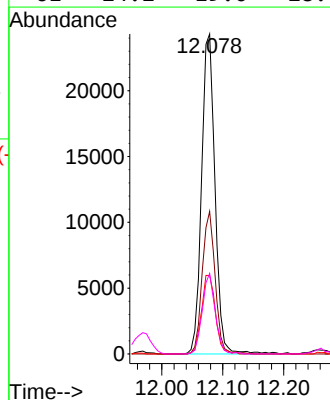
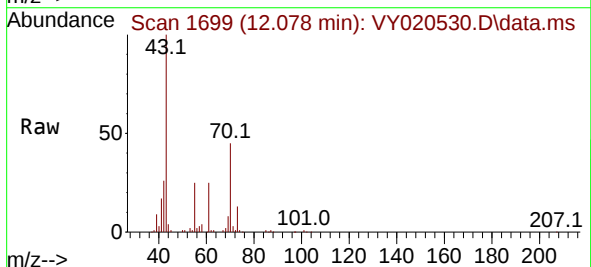
Instrument :
MSVOA_Y
ClientSampleId :

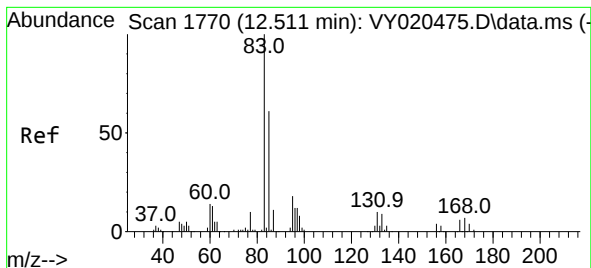
Tgt Ion:105 Resp: 167370
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.1



#74
N-ethyl acetate
Concen: 20.743 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 43 Resp: 37299
Ion Ratio Lower Upper
43 100
70 42.9 32.9 49.3
55 25.5 19.3 28.9
61 24.2 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 20.479 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

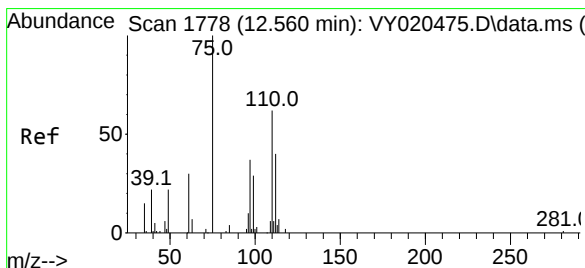
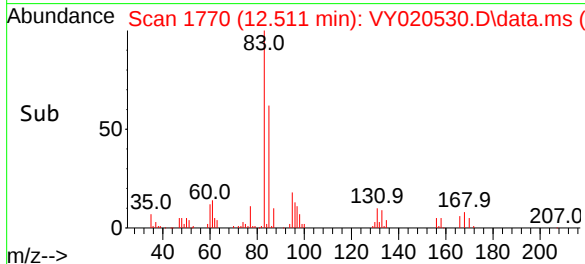
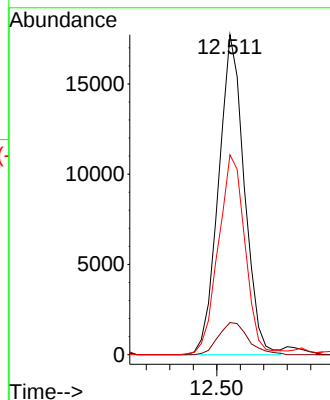
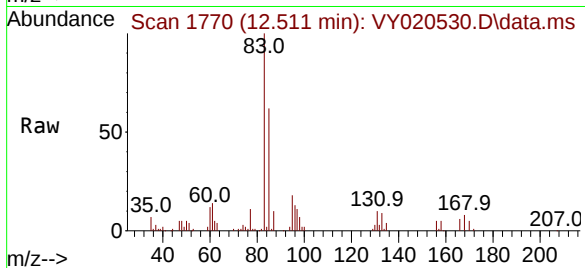
Tgt Ion: 83 Resp: 27019

Ion Ratio Lower Upper

83 100

131 11.6 4.8 14.4

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.441 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020530.D

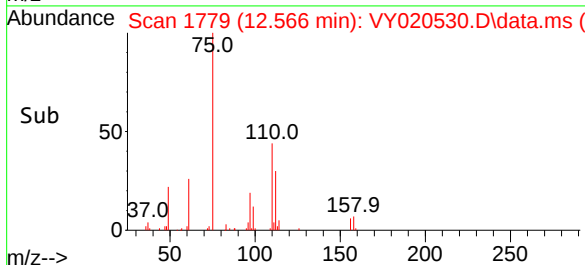
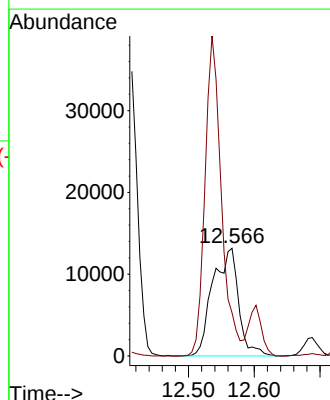
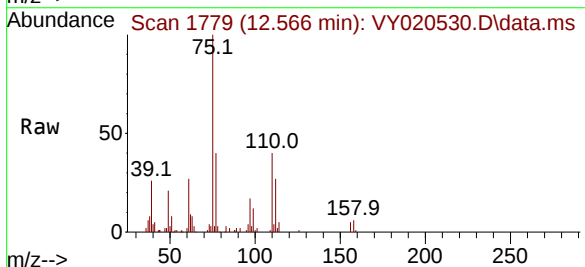
Acq: 06 Dec 2024 12:19

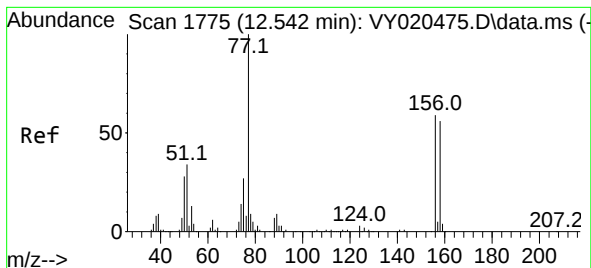
Tgt Ion: 75 Resp: 36165

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.328 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

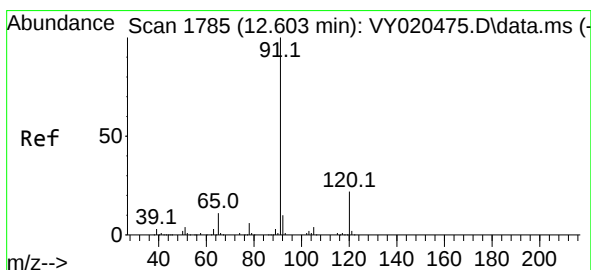
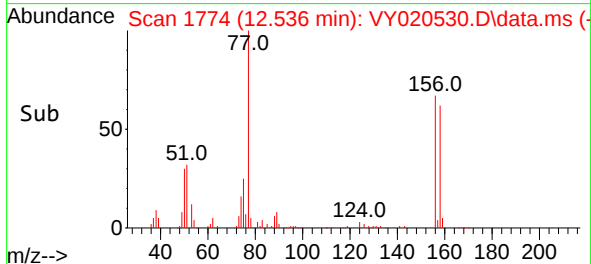
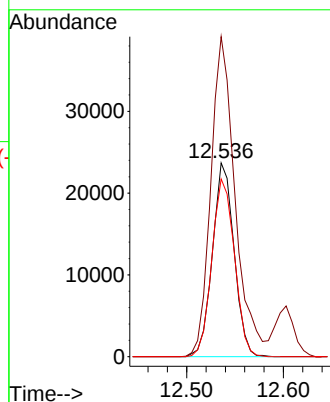
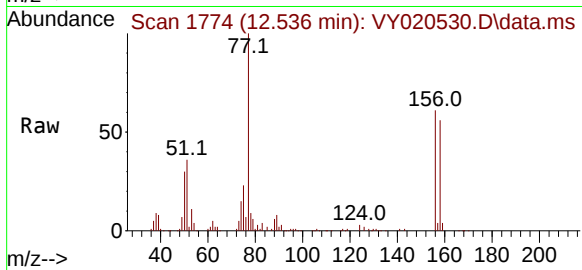
Tgt Ion:156 Resp: 36721

Ion Ratio Lower Upper

156 100

77 184.9 97.2 291.6

158 95.8 47.8 143.4



#78

n-propylbenzene

Concen: 18.603 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020530.D

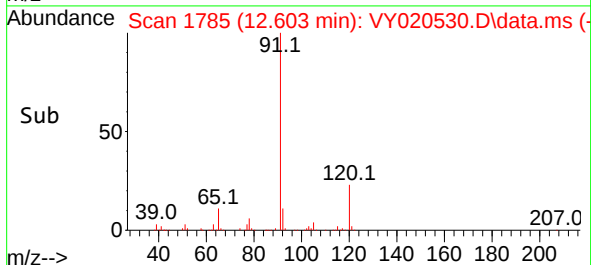
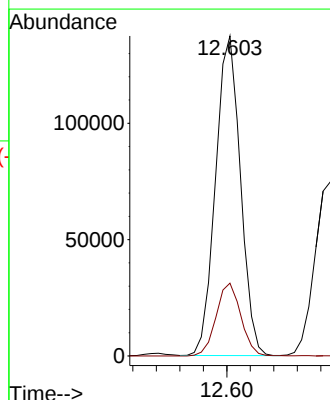
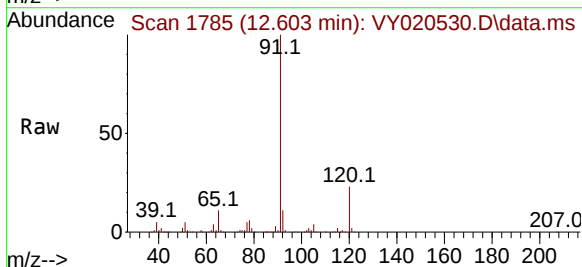
Acq: 06 Dec 2024 12:19

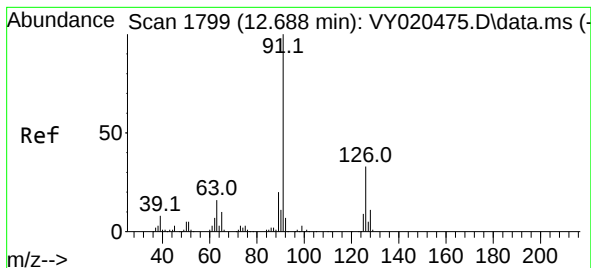
Tgt Ion: 91 Resp: 202071

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.6





#79

2-Chlorotoluene

Concen: 18.915 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

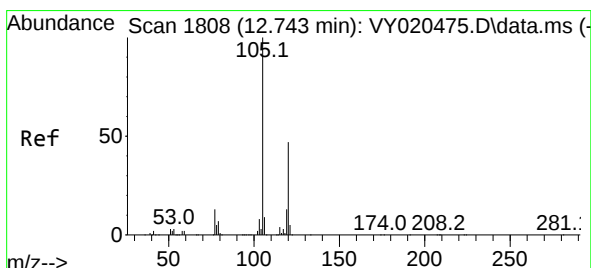
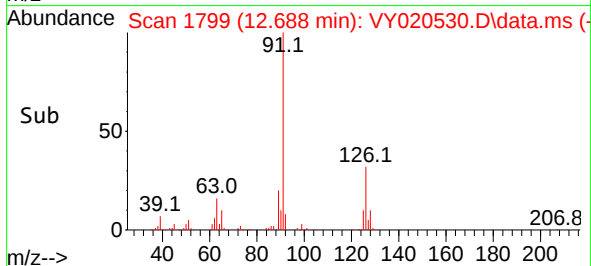
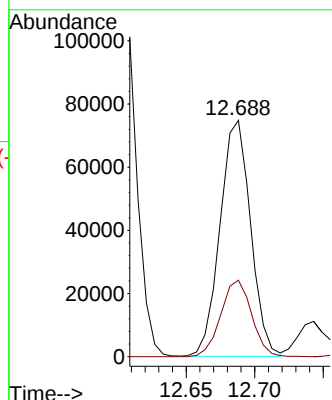
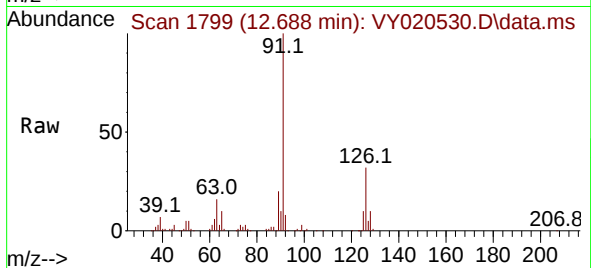
ClientSampleId :

Tgt Ion: 91 Resp: 115933

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 18.850 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020530.D

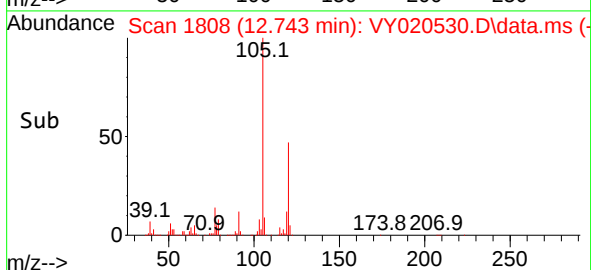
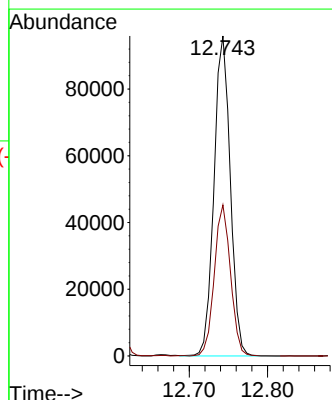
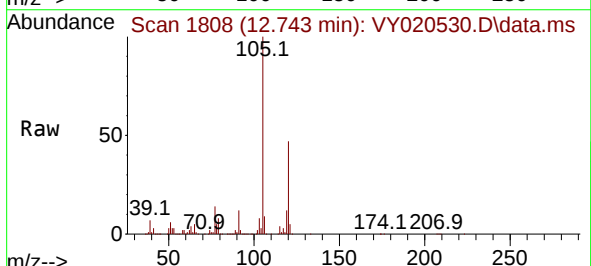
Acq: 06 Dec 2024 12:19

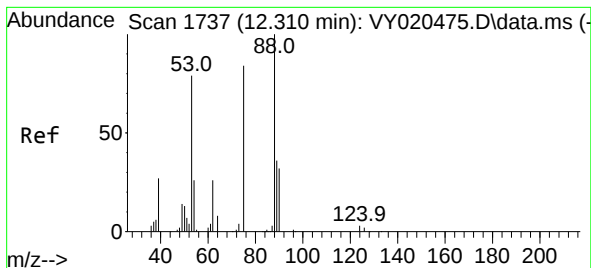
Tgt Ion: 105 Resp: 138584

Ion Ratio Lower Upper

105 100

120 46.9 24.3 72.8

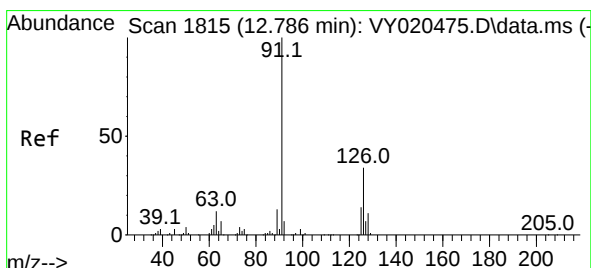
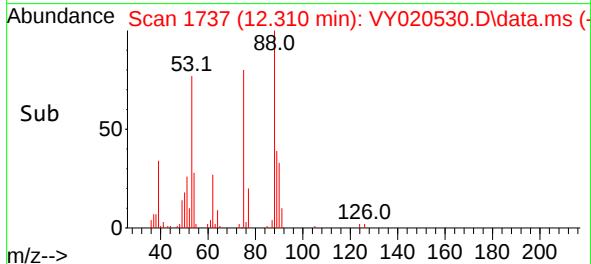
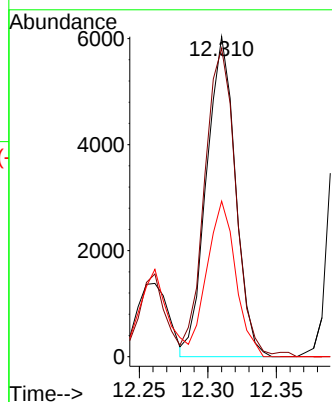
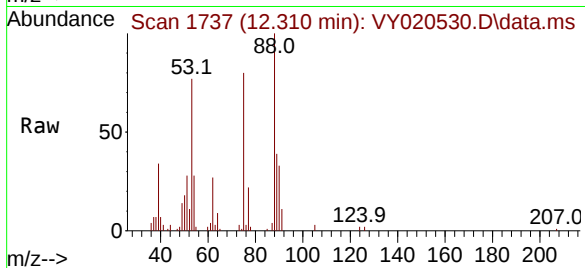




#81
trans-1,4-Dichloro-2-butene
Concen: 18.795 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

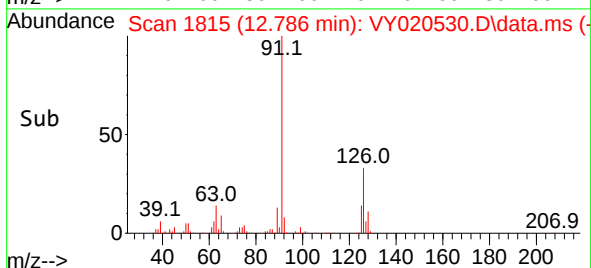
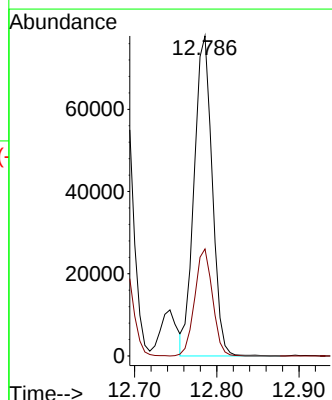
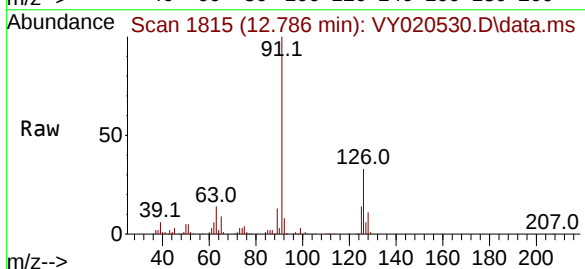
Instrument :
MSVOA_Y
ClientSampleId :

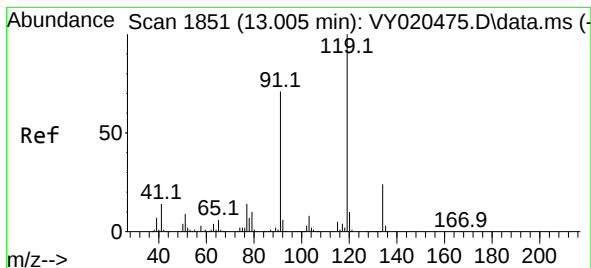
Tgt Ion: 75 Resp: 8848
Ion Ratio Lower Upper
75 100
53 104.0 81.1 121.7
89 48.1 35.1 52.7



#82
4-Chlorotoluene
Concen: 18.979 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

Tgt Ion: 91 Resp: 118712
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.8





#83

tert-Butylbenzene

Concen: 18.937 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

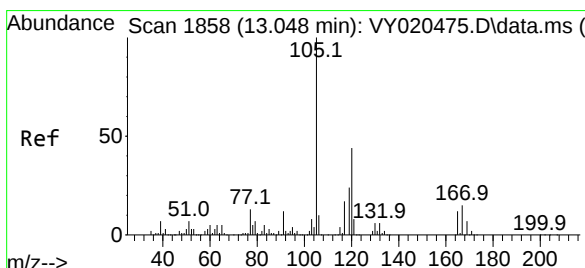
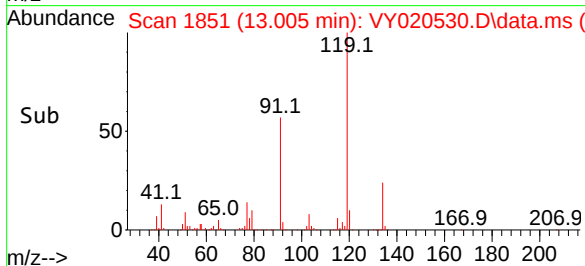
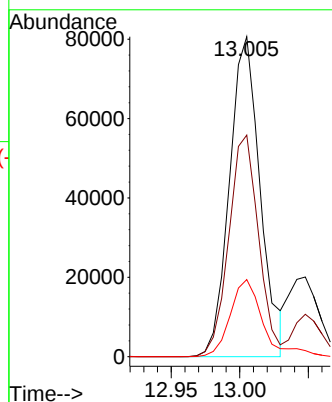
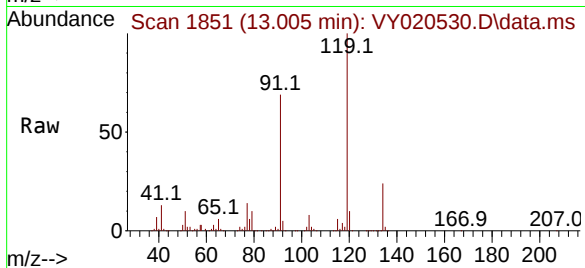
Tgt Ion:119 Resp: 125872

Ion Ratio Lower Upper

119 100

91 67.3 33.3 99.9

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.177 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020530.D

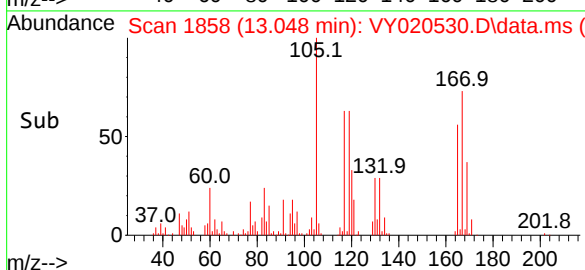
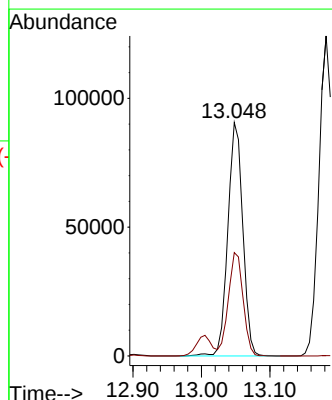
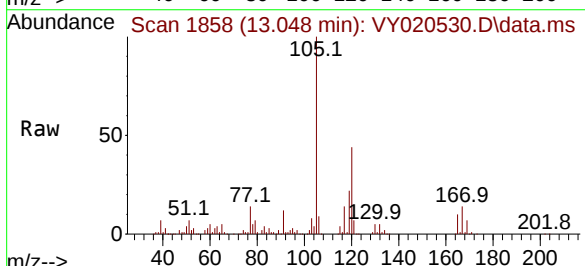
Acq: 06 Dec 2024 12:19

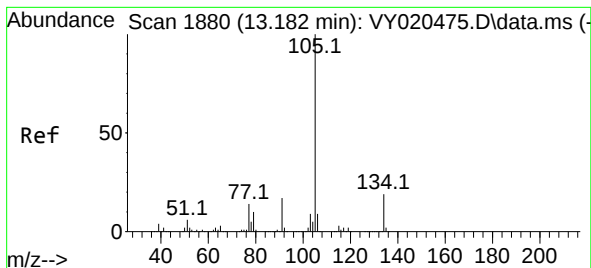
Tgt Ion:105 Resp: 137039

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.978 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

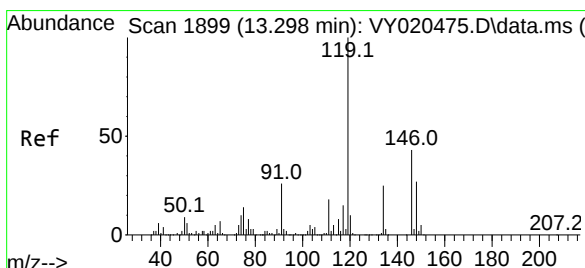
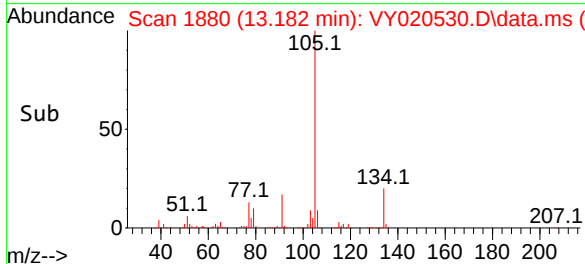
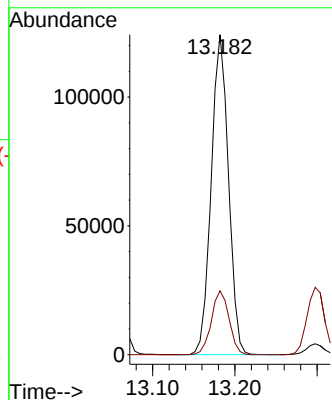
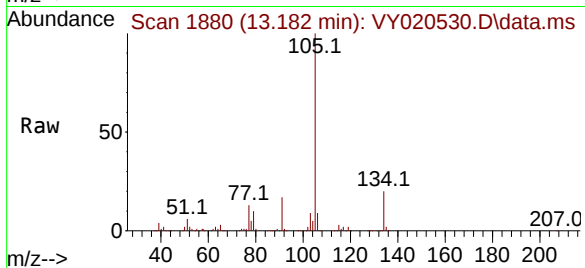
ClientSampleId :

Tgt Ion:105 Resp: 180788

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.292 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

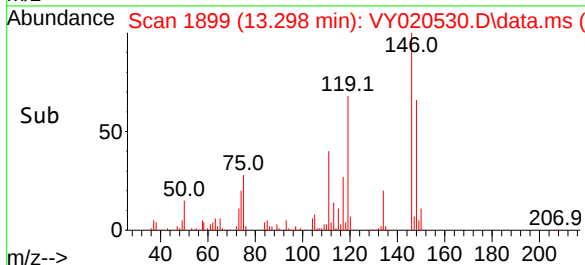
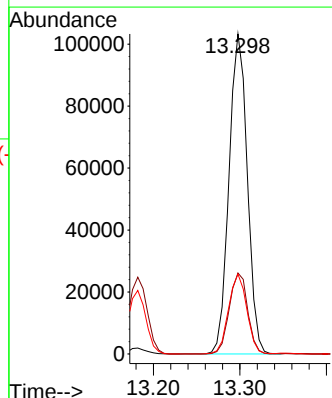
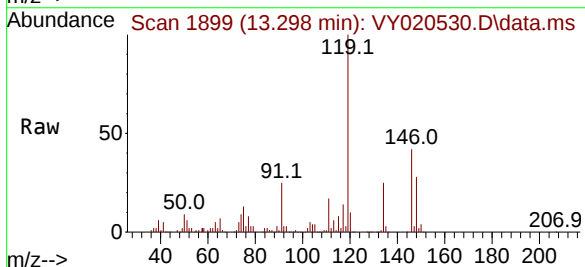
Tgt Ion:119 Resp: 151863

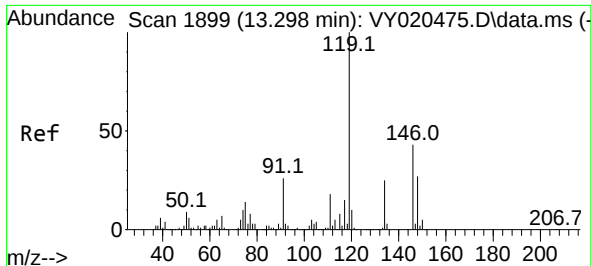
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

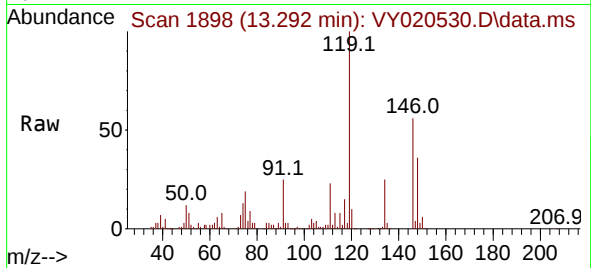
91 24.9 12.3 36.8



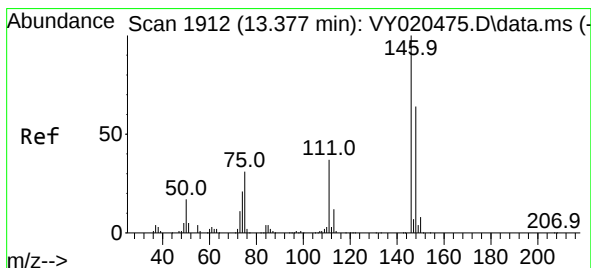
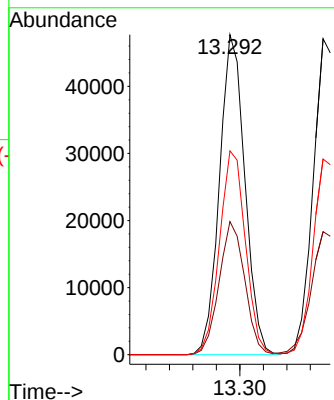
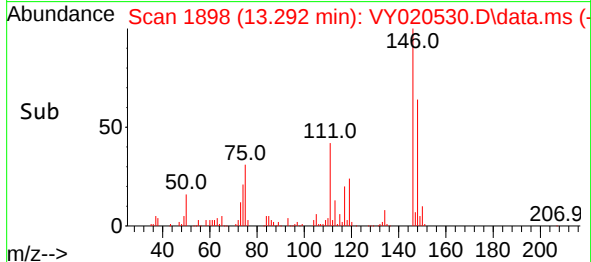


#87
1,3-Dichlorobenzene
Concen: 19.557 ug/l
RT: 13.292 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19

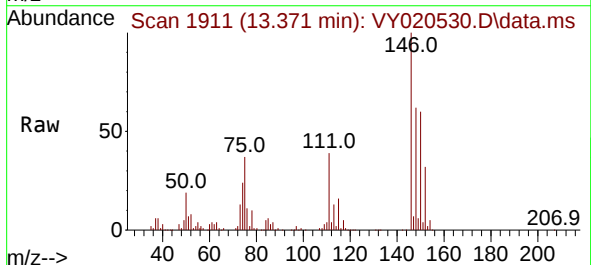
Instrument :
MSVOA_Y
ClientSampleId :



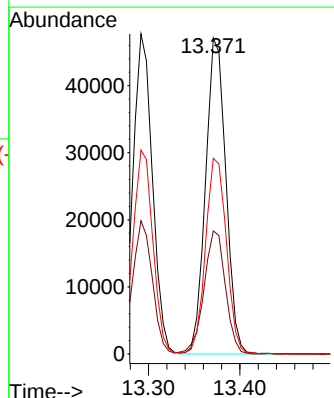
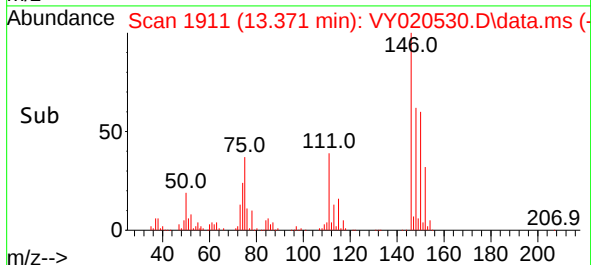
Tgt Ion:146 Resp: 71659
Ion Ratio Lower Upper
146 100
111 41.9 20.5 61.6
148 65.1 32.1 96.5

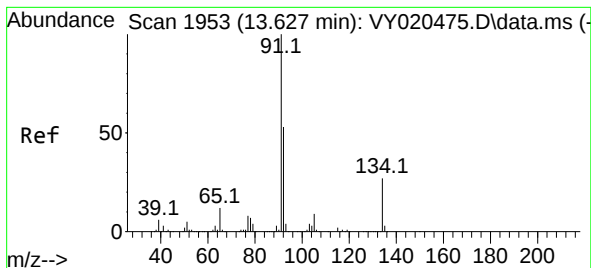


#88
1,4-Dichlorobenzene
Concen: 20.261 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020530.D
Acq: 06 Dec 2024 12:19



Tgt Ion:146 Resp: 72677
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.6
148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 19.358 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

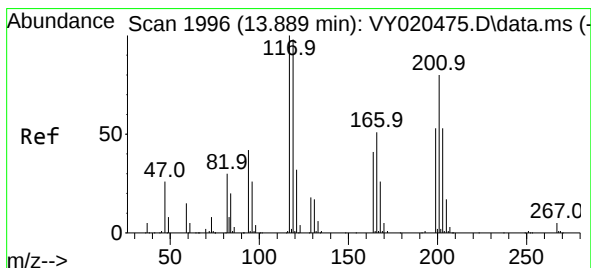
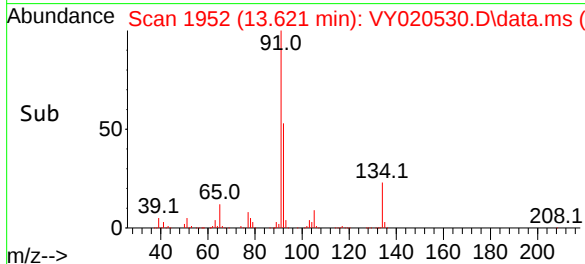
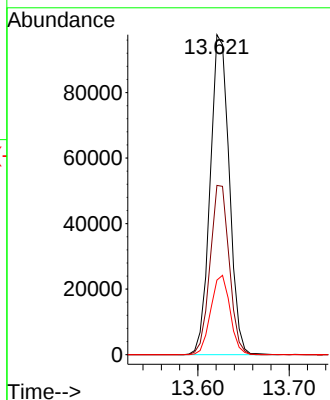
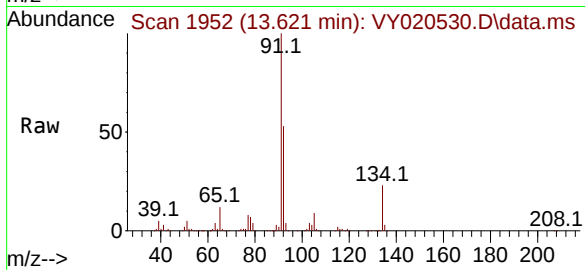
Tgt Ion: 91 Resp: 141329

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 25.0 12.2 36.4



#90

Hexachloroethane

Concen: 19.374 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020530.D

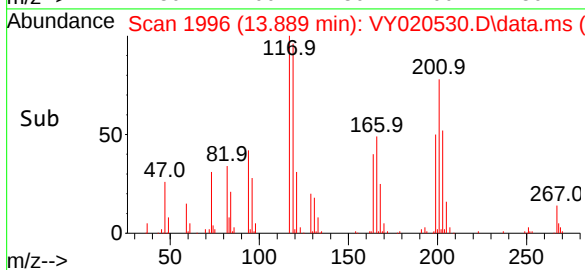
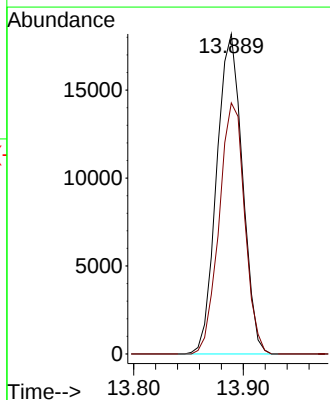
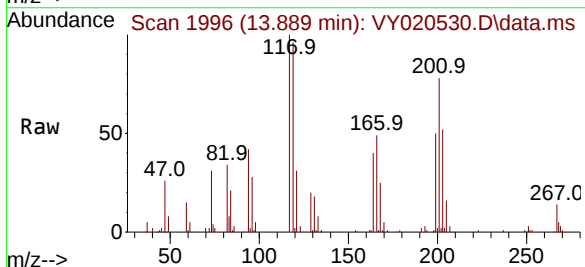
Acq: 06 Dec 2024 12:19

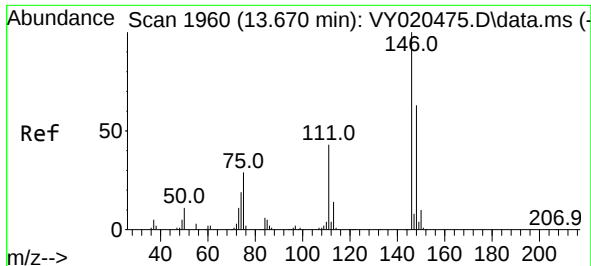
Tgt Ion: 117 Resp: 29722

Ion Ratio Lower Upper

117 100

201 77.7 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.753 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. -0.006 min

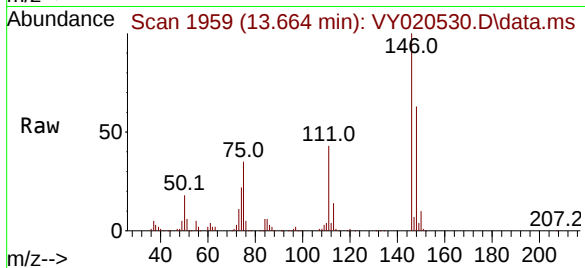
Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

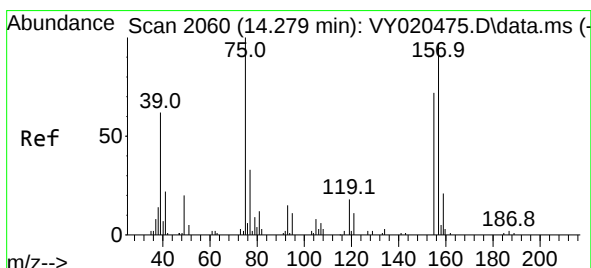
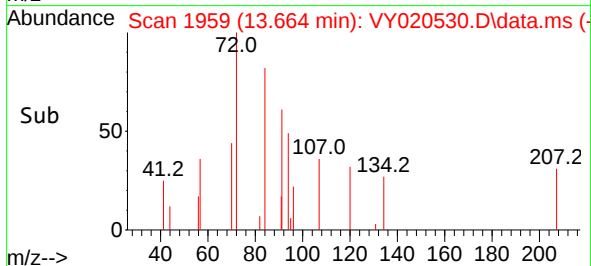
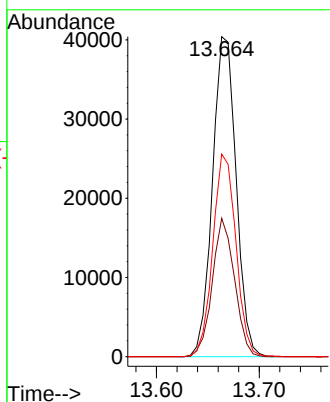
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	146	Resp:	64486
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.8	62.5
148	61.9	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.849 ug/l

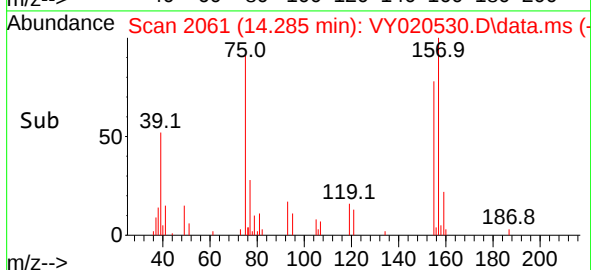
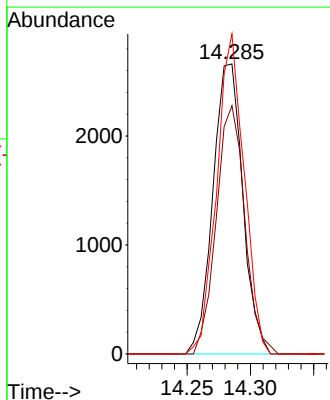
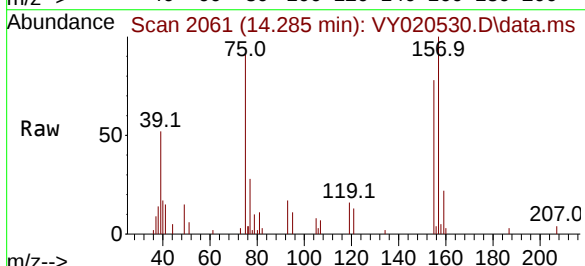
RT: 14.285 min Scan# 2061

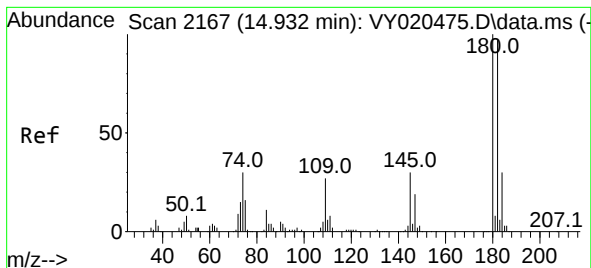
Delta R.T. 0.006 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Tgt Ion:	75	Resp:	4364
Ion Ratio	Lower	Upper	
75	100		
155	81.9	39.7	119.1
157	101.6	52.6	157.8





#93

1,2,4-Trichlorobenzene

Concen: 20.651 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

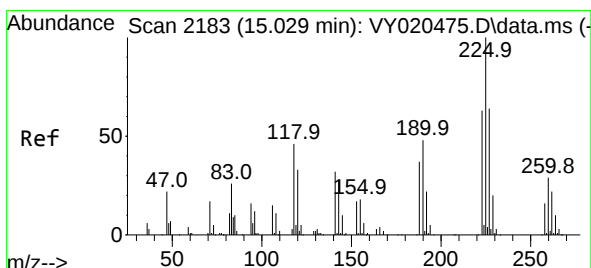
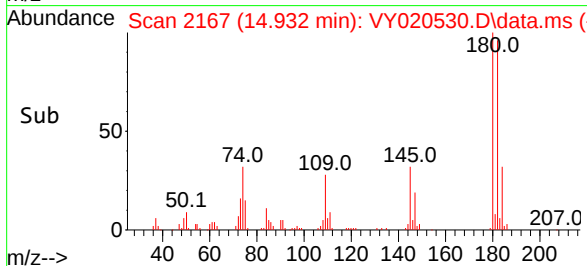
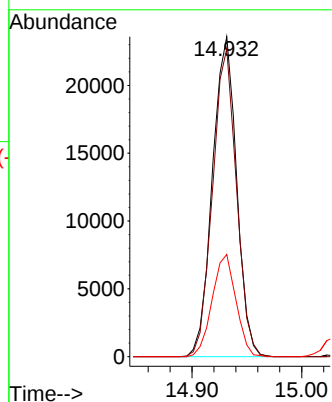
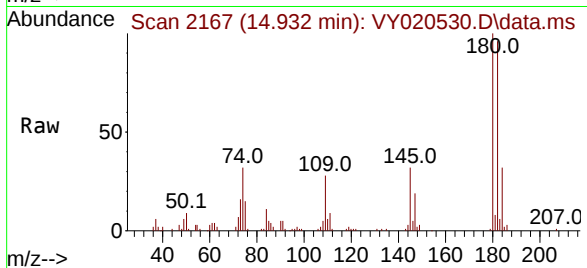
Tgt Ion:180 Resp: 36082

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.8

145 31.5 15.8 47.3



#94

Hexachlorobutadiene

Concen: 19.994 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

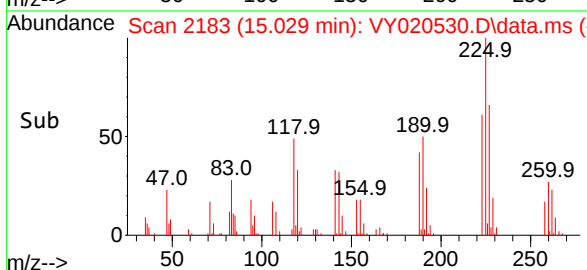
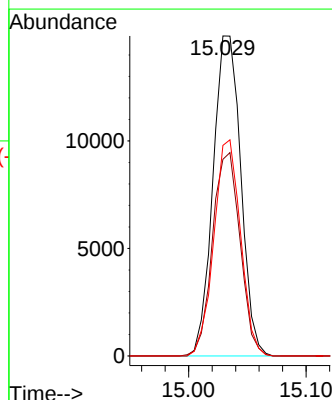
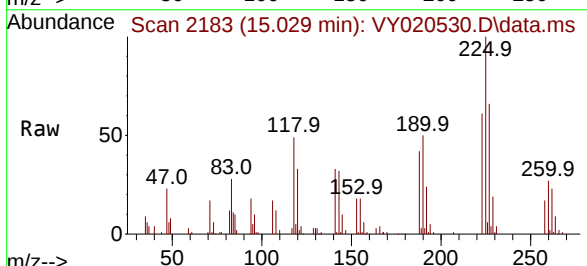
Tgt Ion:225 Resp: 24439

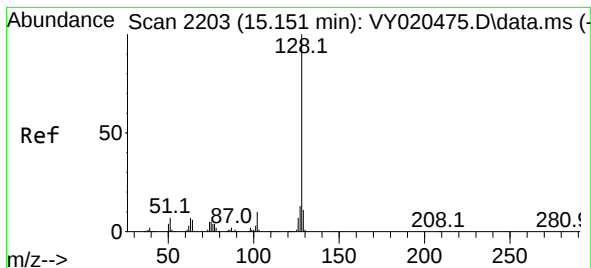
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.5

227 65.0 32.3 96.8





#95

Naphthalene

Concen: 21.977 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

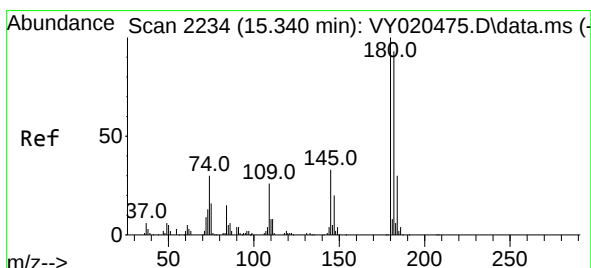
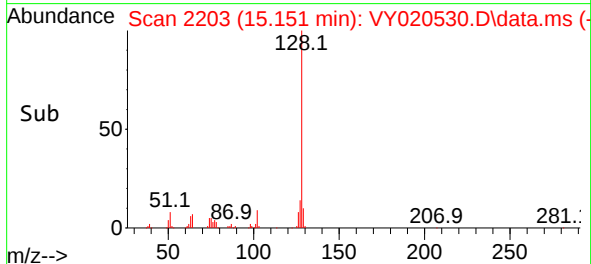
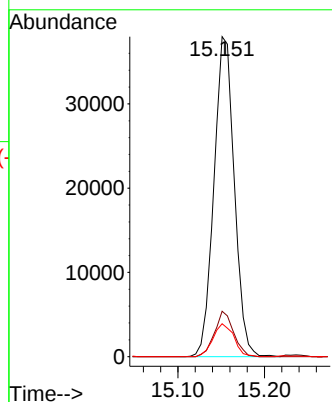
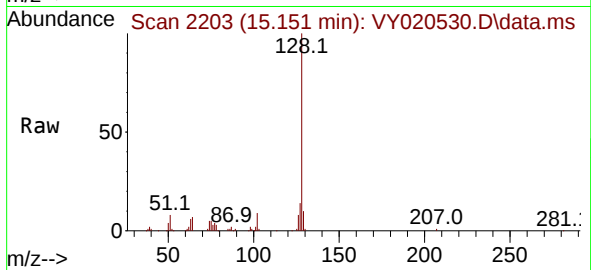
Tgt Ion:128 Resp: 62137

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.990 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020530.D

Acq: 06 Dec 2024 12:19

Tgt Ion:180 Resp: 31003

Ion Ratio Lower Upper

180 100

182 93.7 47.4 142.3

145 33.9 16.9 50.6

