

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020495.D
 Acq On : 03 Dec 2024 10:34
 Operator : SY/MD
 Sample : VY1203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:41:50 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	159897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	252893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	211025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	103003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80104	49.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.646	113	75289	47.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.580%
50) Toluene-d8	10.115	98	285380	47.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.414	95	100365	47.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	26424	16.942	ug/l	100
3) Chloromethane	2.074	50	25392	16.079	ug/l	94
4) Vinyl Chloride	2.214	62	26346	16.363	ug/l	98
5) Bromomethane	2.610	94	15375	16.275	ug/l	99
6) Chloroethane	2.745	64	16408	16.627	ug/l	98
7) Trichlorofluoromethane	3.074	101	54494	18.071	ug/l	100
8) Diethyl Ether	3.464	74	16220	18.983	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	32147	18.296	ug/l	96
10) Methyl Iodide	4.025	142	33961	17.217	ug/l	95
11) Tert butyl alcohol	4.909	59	10616	100.636	ug/l #	88
12) 1,1-Dichloroethene	3.805	96	29573	17.817	ug/l	94
13) Acrolein	3.665	56	10592	107.244	ug/l	99
14) Allyl chloride	4.403	41	53678	18.132	ug/l	96
15) Acrylonitrile	5.086	53	36422	102.307	ug/l	98
16) Acetone	3.891	43	34910	86.337	ug/l	97
17) Carbon Disulfide	4.122	76	76675	16.140	ug/l	99
18) Methyl Acetate	4.409	43	17726	20.626	ug/l	95
19) Methyl tert-butyl Ether	5.134	73	84535	19.943	ug/l	98
20) Methylene Chloride	4.634	84	32266	18.759	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	32877	17.833	ug/l	98
22) Diisopropyl ether	6.037	45	115033	19.541	ug/l	96
23) Vinyl Acetate	5.976	43	306233	98.350	ug/l	99
24) 1,1-Dichloroethane	5.933	63	66355	18.723	ug/l	99
25) 2-Butanone	6.915	43	47872	93.759	ug/l	94
26) 2,2-Dichloropropane	6.902	77	61059	18.215	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	40749	18.929	ug/l	98
28) Bromochloromethane	7.262	49	23360	17.650	ug/l	92
29) Tetrahydrofuran	7.280	42	29473	101.184	ug/l	98
30) Chloroform	7.439	83	68509	18.835	ug/l	99
31) Cyclohexane	7.713	56	55673	17.376	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	65024	18.565	ug/l	98
36) 1,1-Dichloropropene	7.847	75	48965	18.212	ug/l	100
37) Ethyl Acetate	7.000	43	21913	20.573	ug/l	98
38) Carbon Tetrachloride	7.829	117	59077	18.411	ug/l	98
39) Methylcyclohexane	9.115	83	58953	17.671	ug/l	98
40) Benzene	8.091	78	145523	18.358	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11326	18.705	ug/l	93
42) 1,2-Dichloroethane	8.170	62	40196	19.298	ug/l	100
43) Isopropyl Acetate	8.207	43	43238	20.103	ug/l #	89
44) Trichloroethene	8.871	130	36023	18.434	ug/l	93
45) 1,2-Dichloropropane	9.152	63	34892	18.810	ug/l	98
46) Dibromomethane	9.243	93	18272	19.895	ug/l	98
47) Bromodichloromethane	9.432	83	51644	19.085	ug/l	99
48) Methyl methacrylate	9.231	41	20076	20.017	ug/l	97
49) 1,4-Dioxane	9.249	88	3515	400.390	ug/l #	73
51) 4-Methyl-2-Pentanone	10.005	43	106474	100.240	ug/l	99
52) Toluene	10.176	92	93587	18.923	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	47369	19.499	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	54964	19.144	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	24703	20.163	ug/l	96
56) Ethyl methacrylate	10.444	69	34022	19.626	ug/l	97
57) 1,3-Dichloropropane	10.725	76	42108	19.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	80035	98.608	ug/l	97
59) 2-Hexanone	10.768	43	75796	98.915	ug/l	98
60) Dibromochloromethane	10.920	129	33785	19.807	ug/l	99
61) 1,2-Dibromoethane	11.024	107	21768	19.429	ug/l	99
64) Tetrachloroethene	10.652	164	32316	18.123	ug/l	96
65) Chlorobenzene	11.450	112	99464	18.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	35526	18.938	ug/l	98
67) Ethyl Benzene	11.530	91	183169	18.475	ug/l	100
68) m/p-Xylenes	11.639	106	135370	37.287	ug/l	100
69) o-Xylene	11.962	106	64533	18.974	ug/l	99
70) Styrene	11.975	104	107827	19.002	ug/l	100
71) Bromoform	12.139	173	19231	20.164	ug/l #	100
73) Isopropylbenzene	12.261	105	176864	17.747	ug/l	100
74) N-amyl acetate	12.078	43	36453	18.662	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	26394	18.416	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	36562	34.845	ug/l #	100
77) Bromobenzene	12.542	156	37430	18.136	ug/l	97
78) n-propylbenzene	12.603	91	211522	17.926	ug/l	98
79) 2-Chlorotoluene	12.688	91	119739	17.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	144766	18.126	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	9333	18.251	ug/l	98
82) 4-Chlorotoluene	12.785	91	123419	18.164	ug/l	98
83) tert-Butylbenzene	13.005	119	131182	18.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	142407	18.345	ug/l	99
85) sec-Butylbenzene	13.182	105	188917	18.256	ug/l	100
86) p-Isopropyltoluene	13.298	119	153464	17.946	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	73369	18.433	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	70450	18.080	ug/l	97
89) n-Butylbenzene	13.627	91	144244	18.187	ug/l	99
90) Hexachloroethane	13.889	117	30024	18.016	ug/l	95
91) 1,2-Dichlorobenzene	13.669	146	62447	18.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4259	19.630	ug/l	93
93) 1,2,4-Trichlorobenzene	14.931	180	34057	17.943	ug/l	100
94) Hexachlorobutadiene	15.035	225	24400	18.376	ug/l	97
95) Naphthalene	15.157	128	56448	18.378	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	28313	18.487	ug/l	99

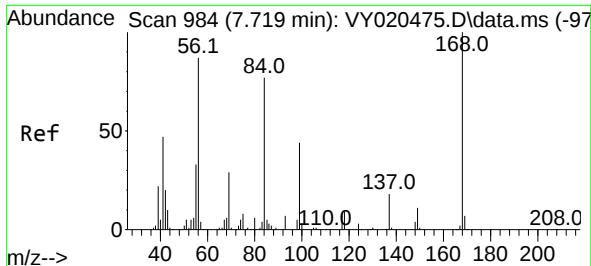
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
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Response via : Initial Calibration

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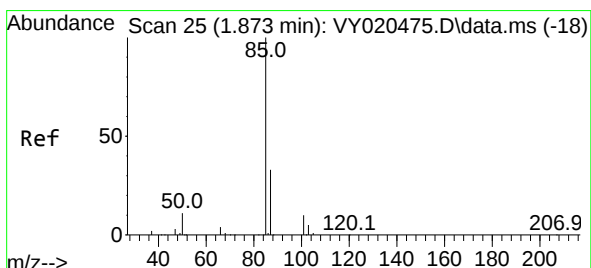
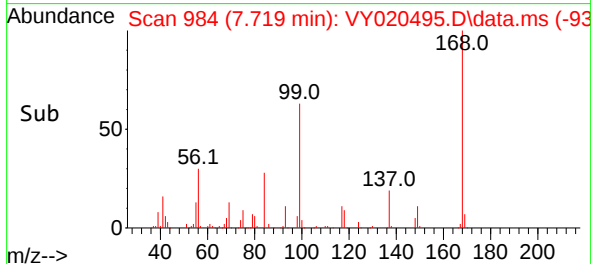
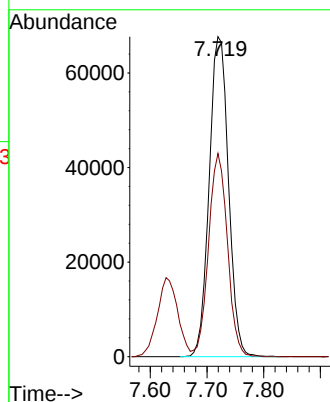
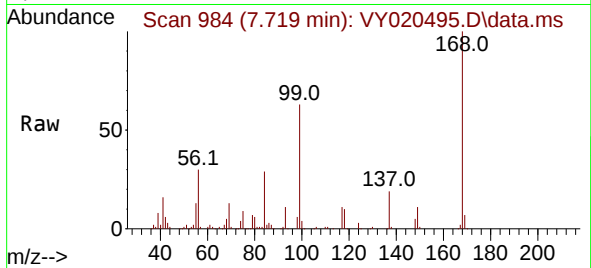
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

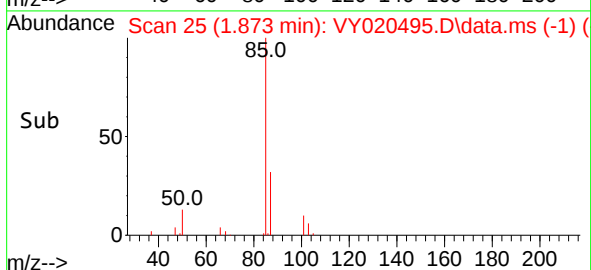
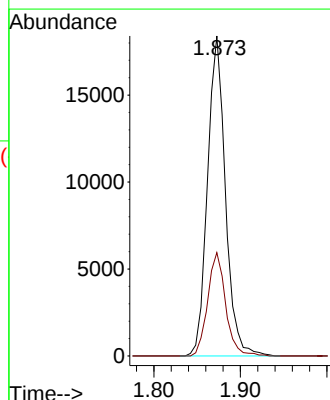
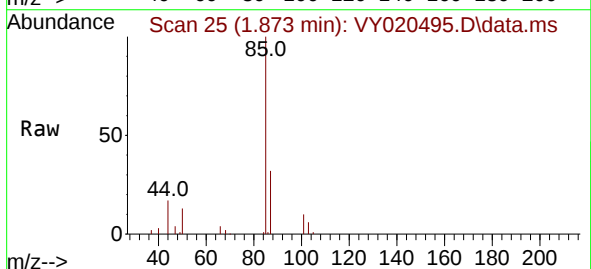
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ClientSampleId :

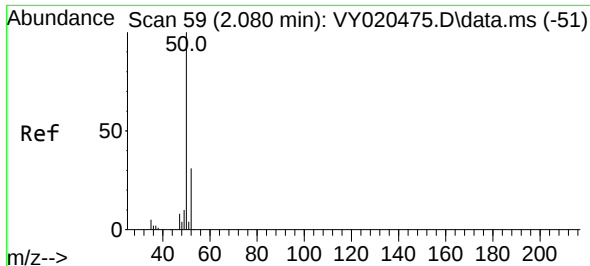
Tgt Ion:168 Resp: 159897
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 16.942 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

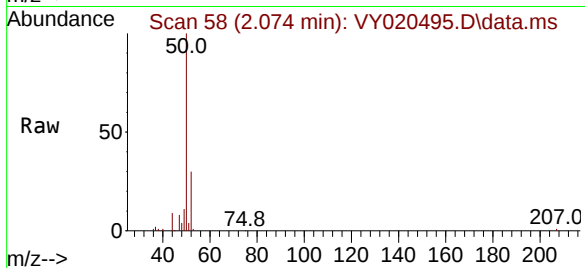
Tgt Ion: 85 Resp: 26424
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2



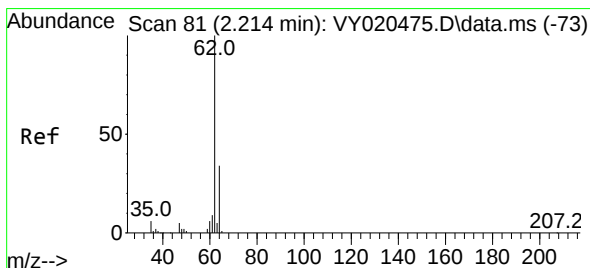
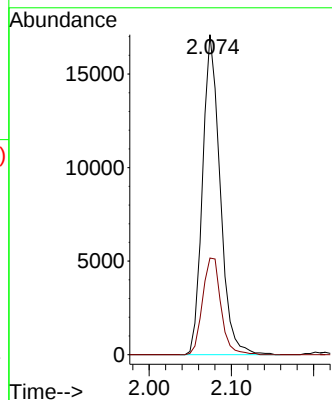
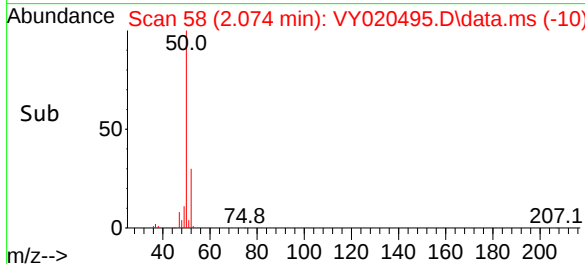


#3
Chloromethane
Concen: 16.079 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Instrument :
MSVOA_Y
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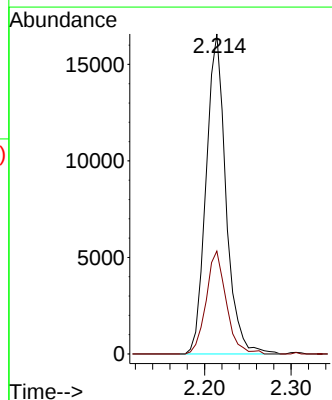
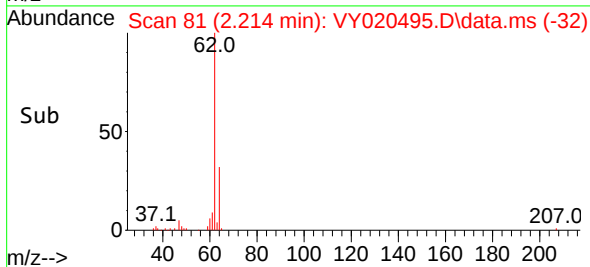
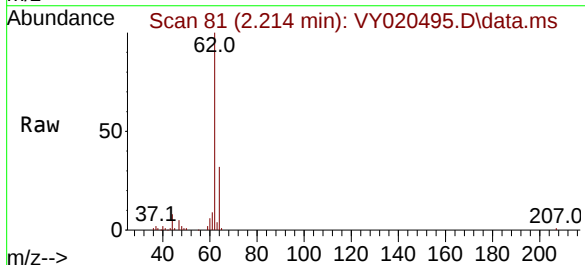


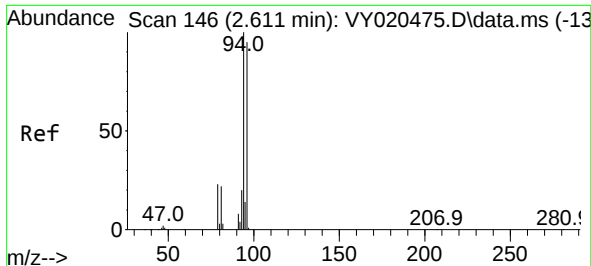
Tgt Ion: 50 Resp: 25392
Ion Ratio Lower Upper
50 100
52 30.2 26.9 40.3



#4
Vinyl Chloride
Concen: 16.363 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 62 Resp: 26346
Ion Ratio Lower Upper
62 100
64 32.1 24.7 37.1

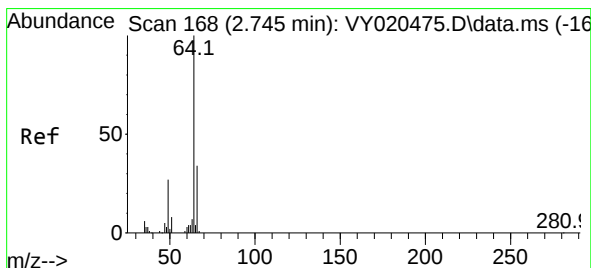
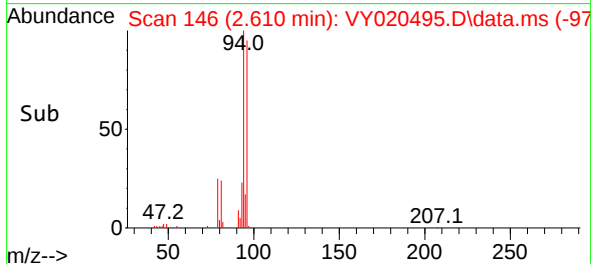
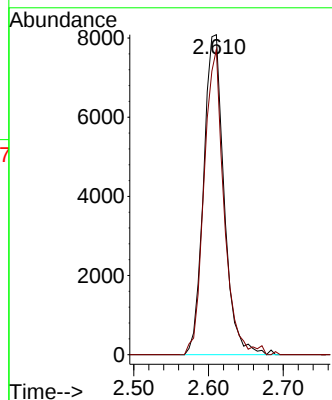
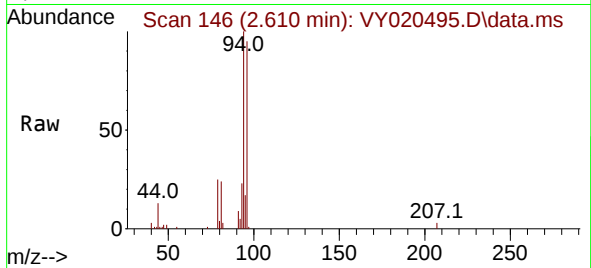




#5
Bromomethane
Concen: 16.275 ug/l
RT: 2.610 min Scan# 146
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

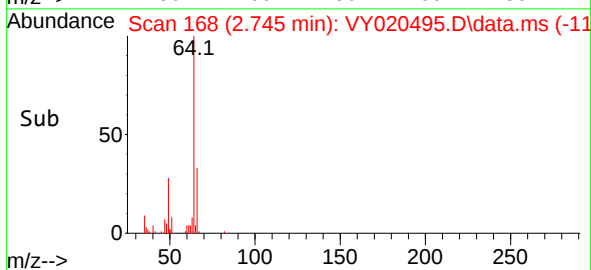
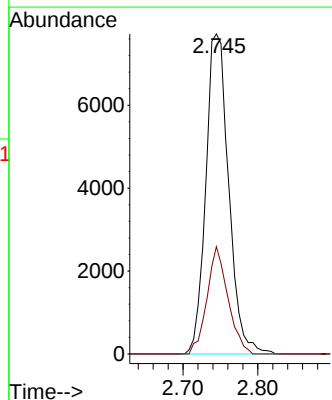
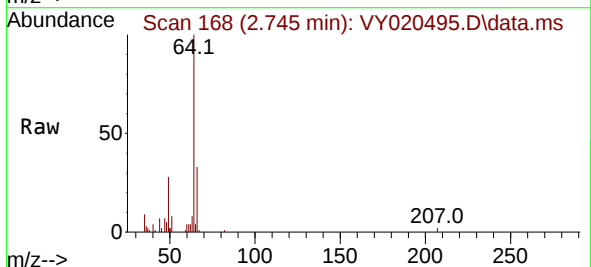
Instrument :
MSVOA_Y
ClientSampleId :

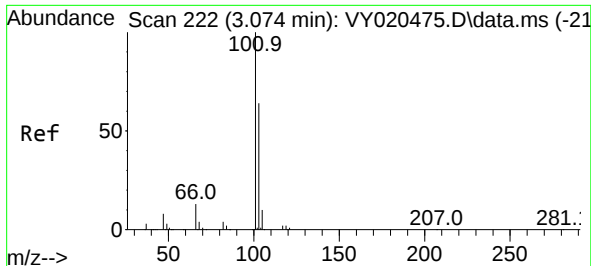
Tgt Ion: 94 Resp: 15375
Ion Ratio Lower Upper
94 100
96 95.3 75.4 113.2



#6
Chloroethane
Concen: 16.627 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

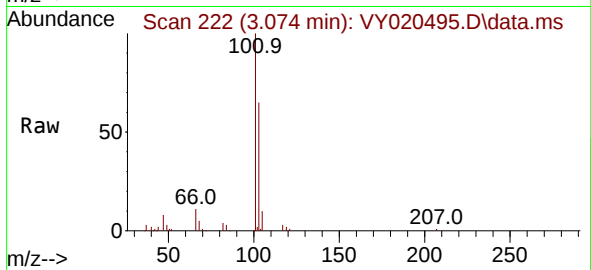
Tgt Ion: 64 Resp: 16408
Ion Ratio Lower Upper
64 100
66 33.5 25.7 38.5



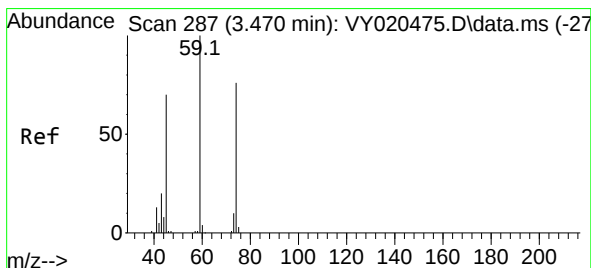
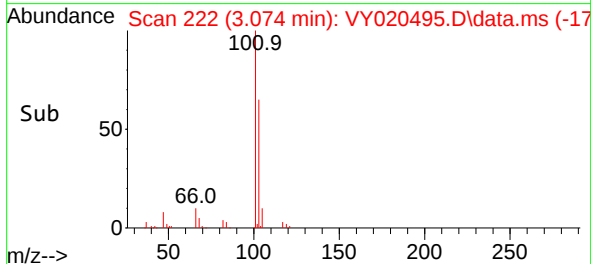
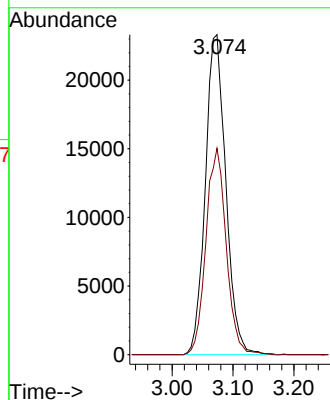


#7
Trichlorofluoromethane
Concen: 18.071 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY020495.D
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ClientSampleId :

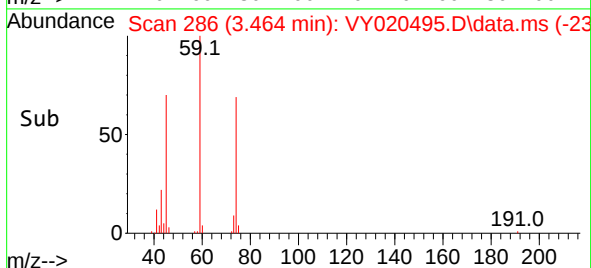
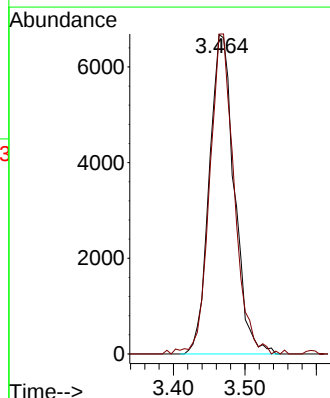
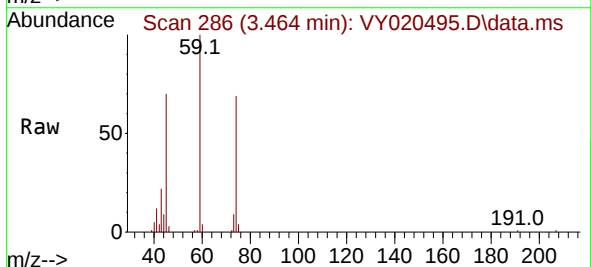


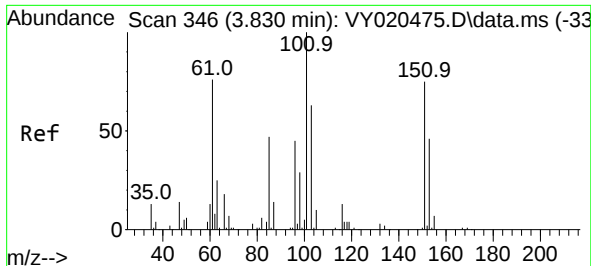
Tgt Ion:101 Resp: 54494
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3



#8
Diethyl Ether
Concen: 18.983 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 74 Resp: 16220
Ion Ratio Lower Upper
74 100
45 98.2 53.6 160.8

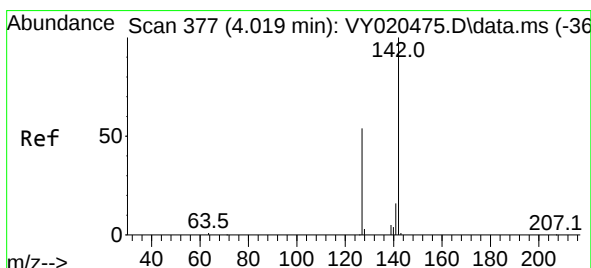
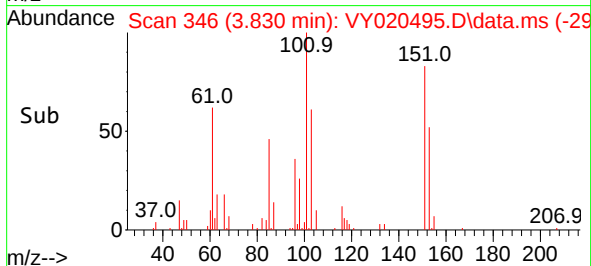
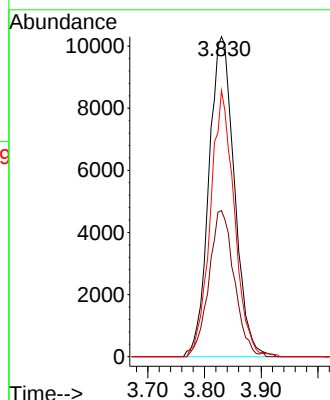
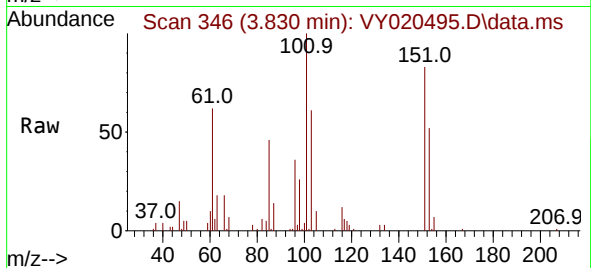




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.296 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020495.D
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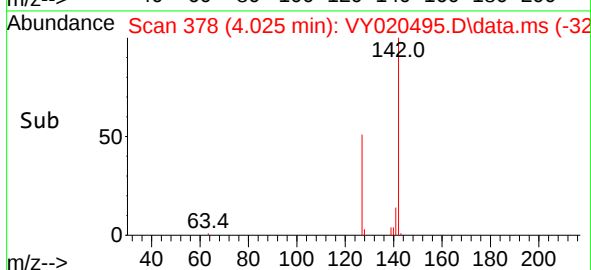
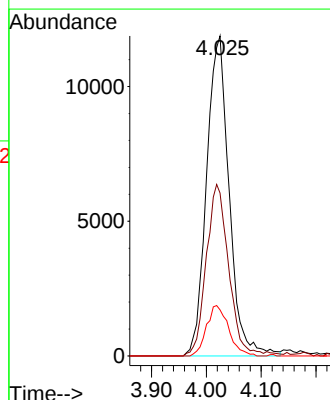
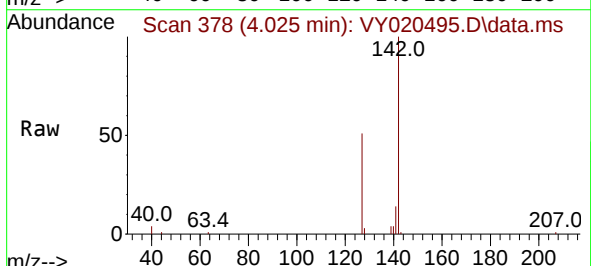
Instrument :
MSVOA_Y
ClientSampleId :

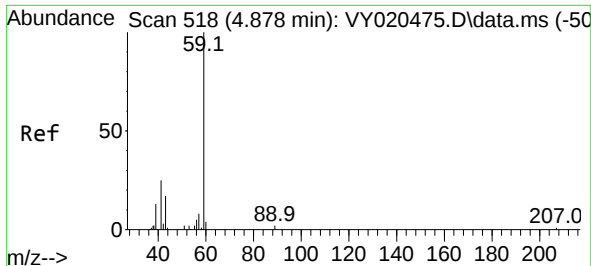
Tgt Ion:101 Resp: 32147
Ion Ratio Lower Upper
101 100
85 45.3 38.0 57.0
151 78.2 59.6 89.4



#10
Methyl Iodide
Concen: 17.217 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

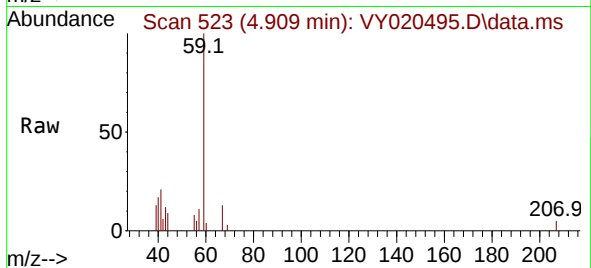
Tgt Ion:142 Resp: 33961
Ion Ratio Lower Upper
142 100
127 52.9 38.9 58.3
141 15.5 11.7 17.5



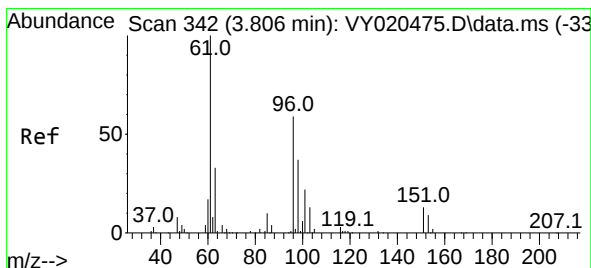
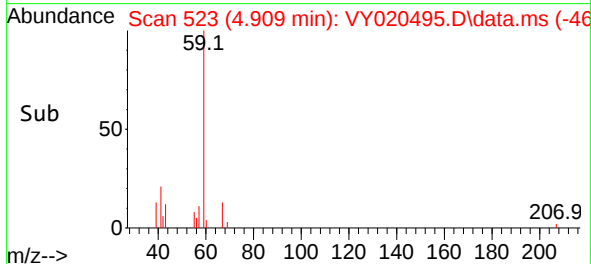
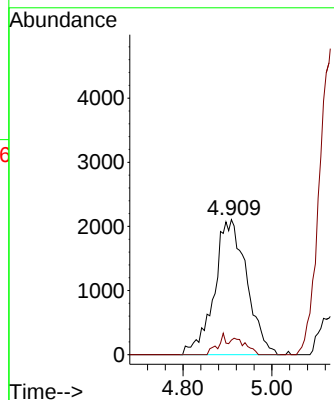


#11
Tert butyl alcohol
Concen: 100.636 ug/l
RT: 4.909 min Scan# 518
Delta R.T. 0.030 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Instrument :
MSVOA_Y
ClientSampleId :

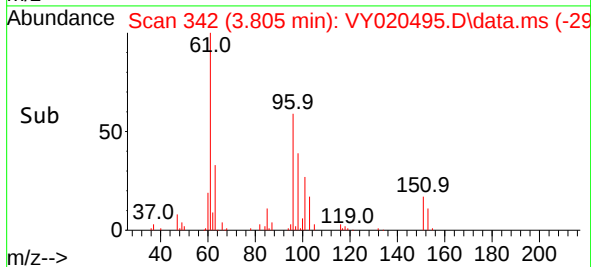
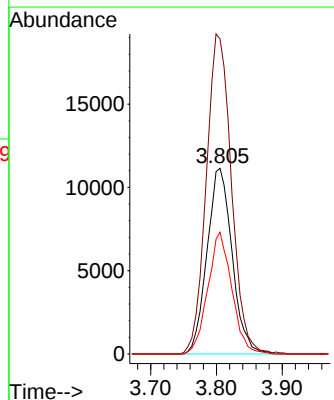
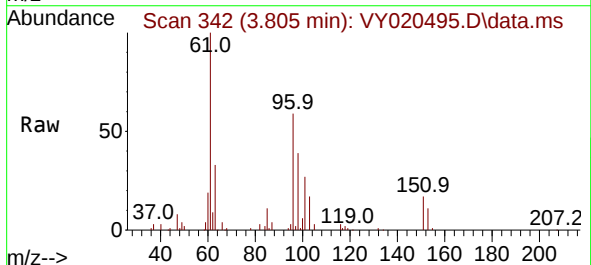


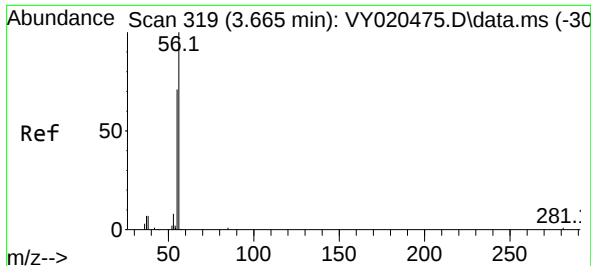
Tgt Ion: 59 Resp: 10616
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 17.817 ug/l
RT: 3.805 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 96 Resp: 29573
Ion Ratio Lower Upper
96 100
61 169.7 143.3 214.9
98 65.6 49.8 74.8

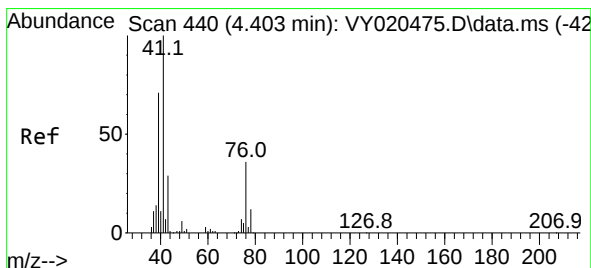
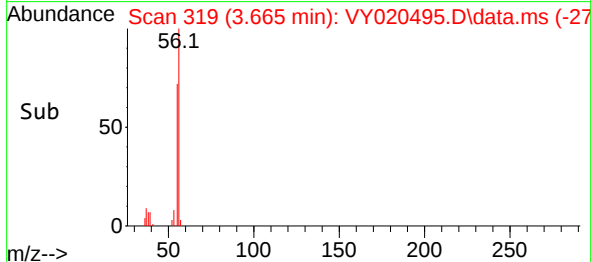
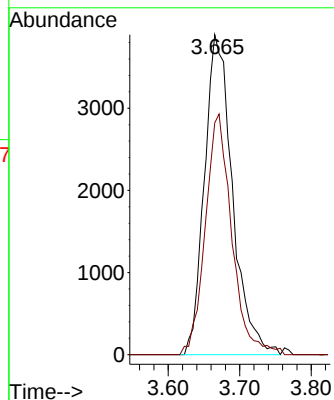
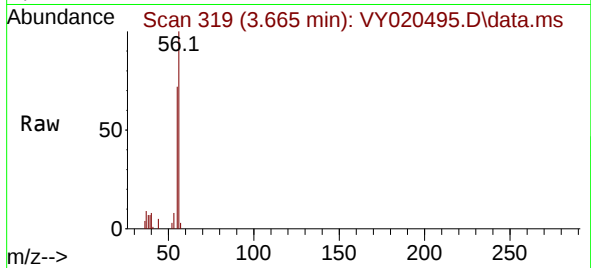




#13
Acrolein
Concen: 107.244 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

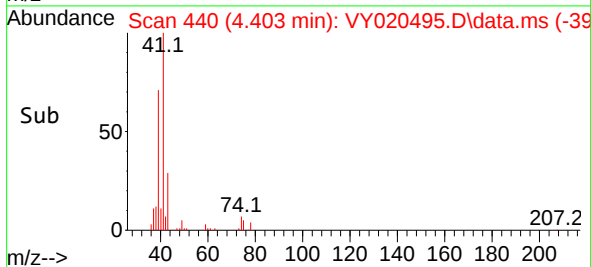
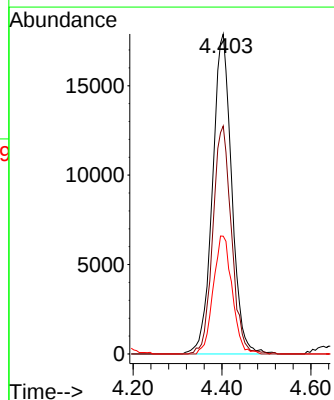
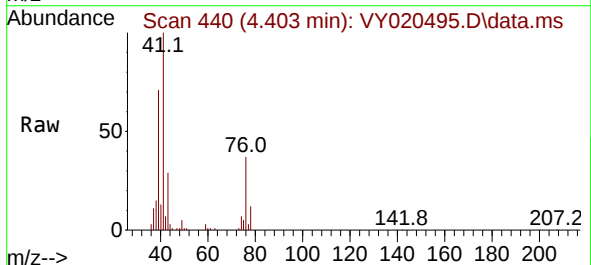
Instrument :
MSVOA_Y
ClientSampleId :

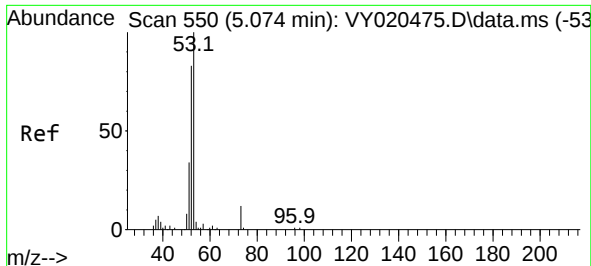
Tgt Ion: 56 Resp: 10592
Ion Ratio Lower Upper
56 100
55 71.2 57.7 86.5



#14
Allyl chloride
Concen: 18.132 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

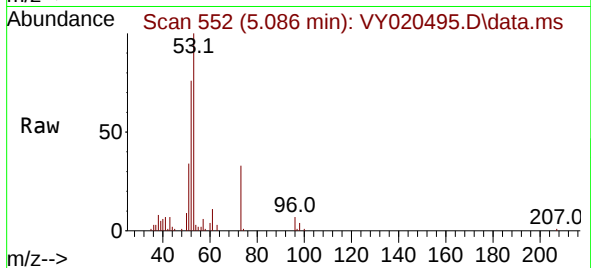
Tgt Ion: 41 Resp: 53678
Ion Ratio Lower Upper
41 100
39 69.1 58.8 88.2
76 36.3 29.7 44.5



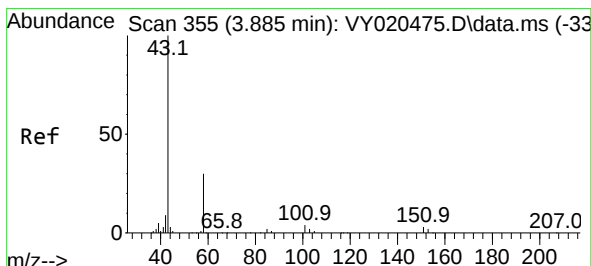
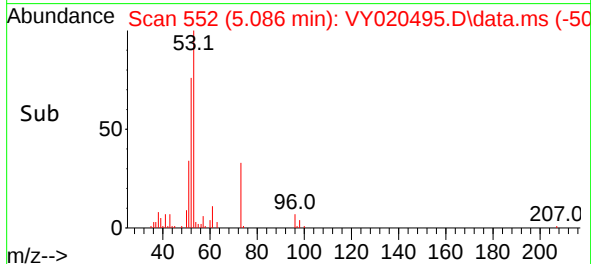
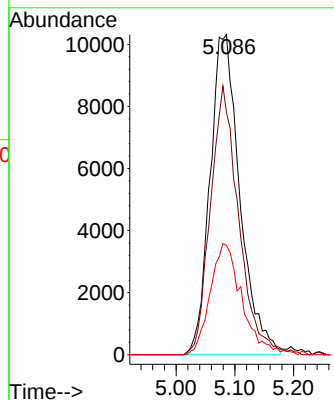


#15
Acrylonitrile
Concen: 102.307 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Instrument :
MSVOA_Y
ClientSampleId :

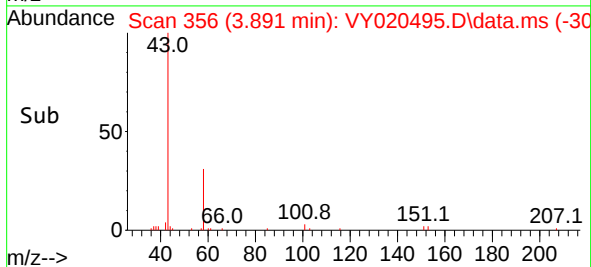
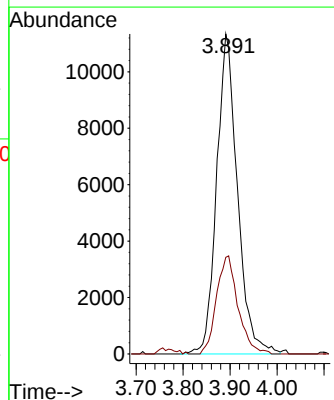
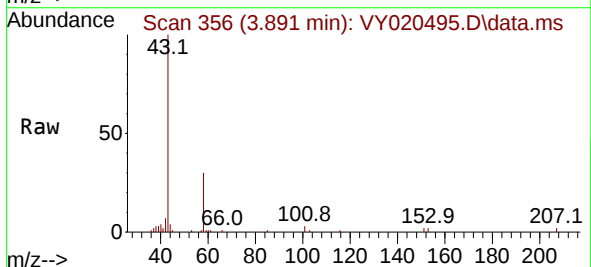


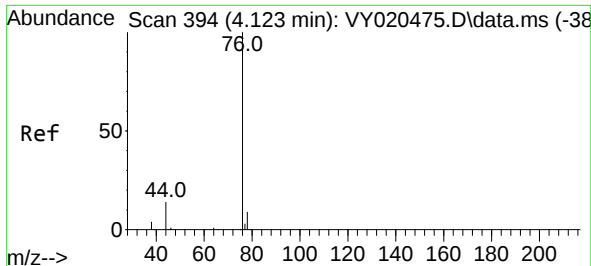
Tgt Ion:	53	Resp:	36422
Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.2	97.8
51	36.8	30.2	45.4



#16
Acetone
Concen: 86.337 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion:	43	Resp:	34910
Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.7	38.5





#17

Carbon Disulfide

Concen: 16.140 ug/l

RT: 4.122 min Scan# 394

Delta R.T. -0.000 min

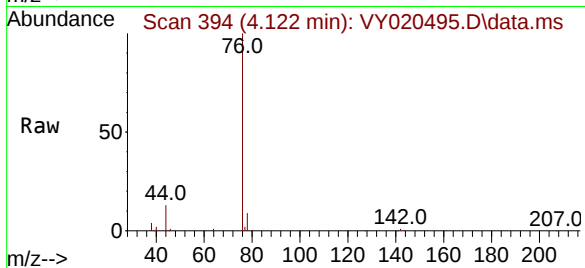
Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

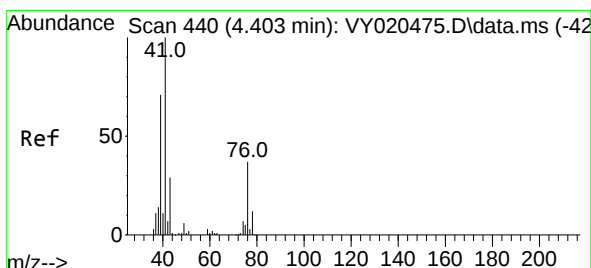
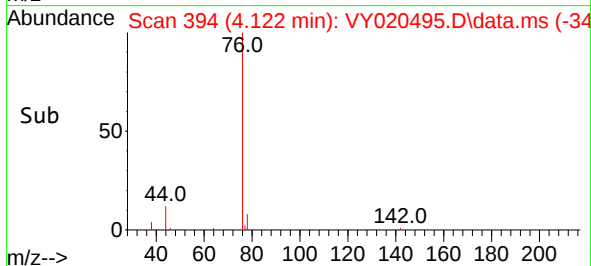
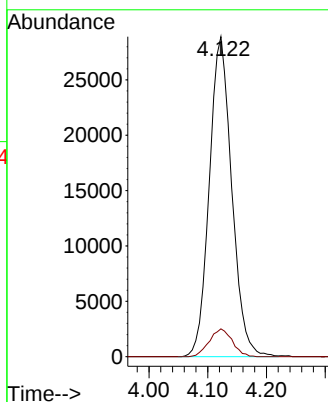


Tgt Ion: 76 Resp: 76675

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



#18

Methyl Acetate

Concen: 20.626 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.006 min

Lab File: VY020495.D

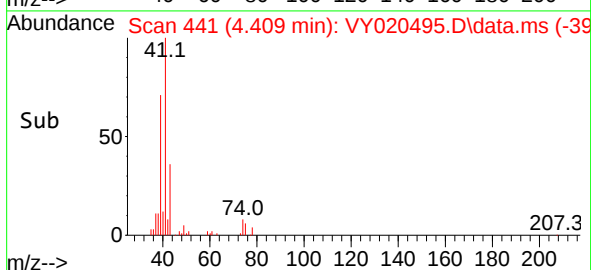
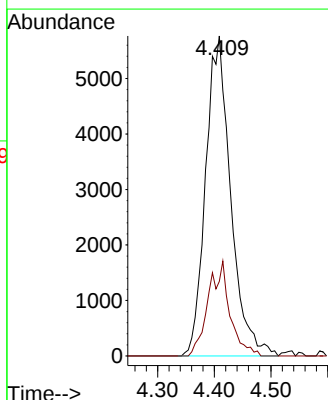
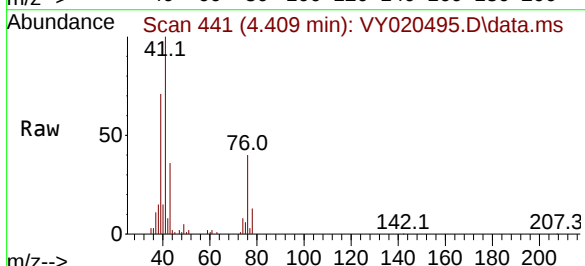
Acq: 03 Dec 2024 10:34

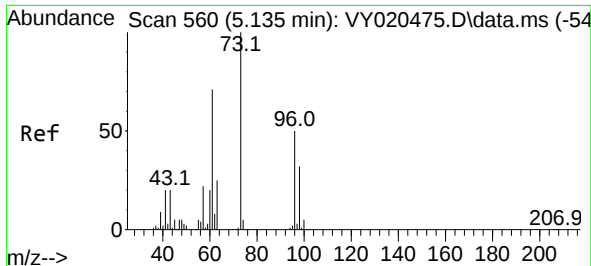
Tgt Ion: 43 Resp: 17726

Ion Ratio Lower Upper

43 100

74 25.6 18.6 27.8

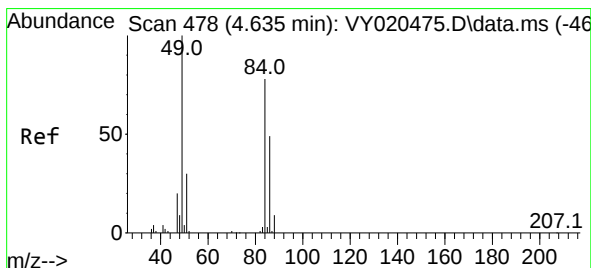
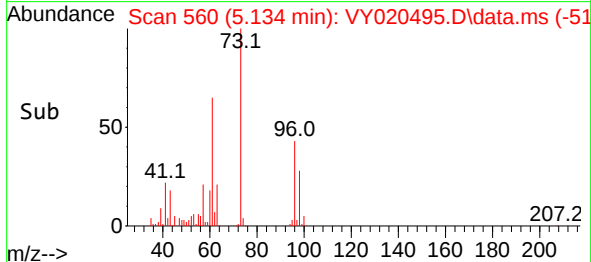
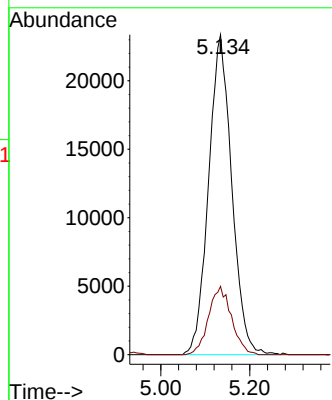
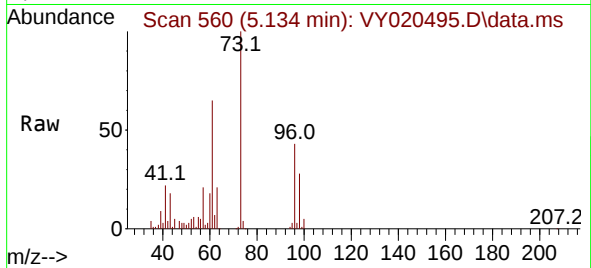




#19
Methyl tert-butyl Ether
Concen: 19.943 ug/l
RT: 5.134 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

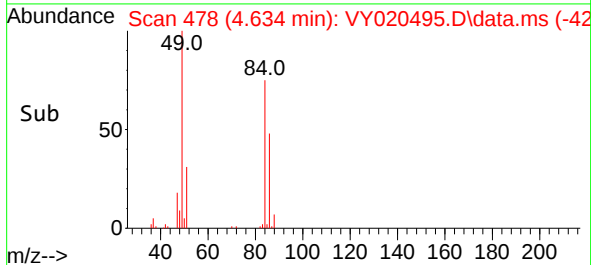
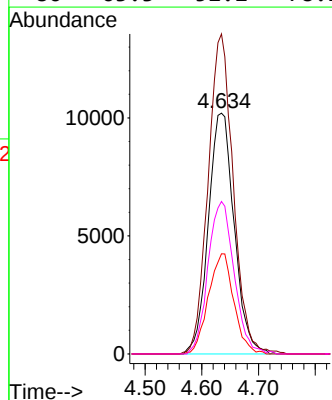
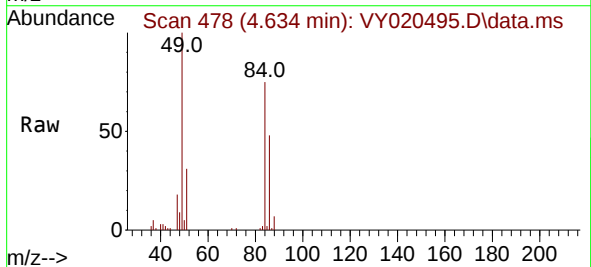
Instrument :
MSVOA_Y
ClientSampleId :

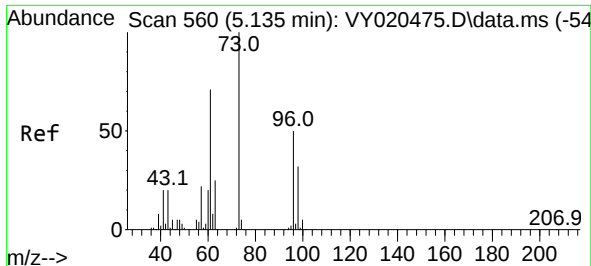
Tgt Ion: 73 Resp: 84535
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 18.759 ug/l
RT: 4.634 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

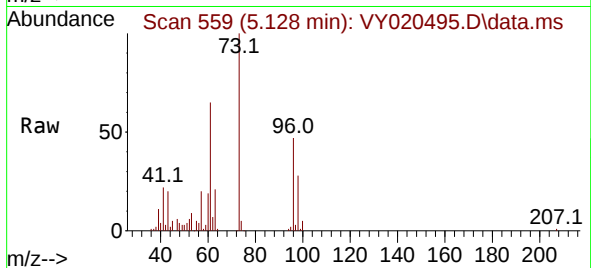
Tgt Ion: 84 Resp: 32266
Ion Ratio Lower Upper
84 100
49 132.9 104.7 157.1
51 41.6 33.4 50.0
86 63.3 52.2 78.2



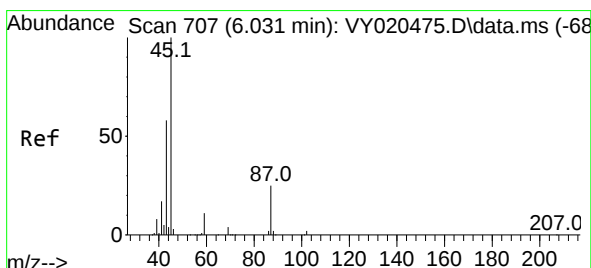
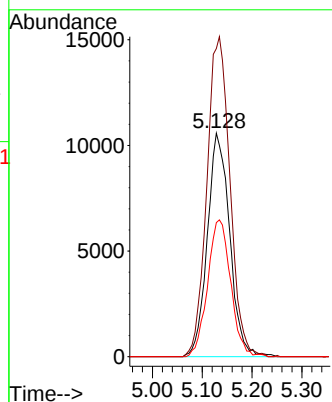
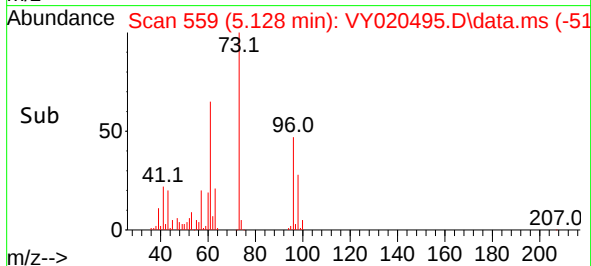


#21
trans-1,2-Dichloroethene
Concen: 17.833 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

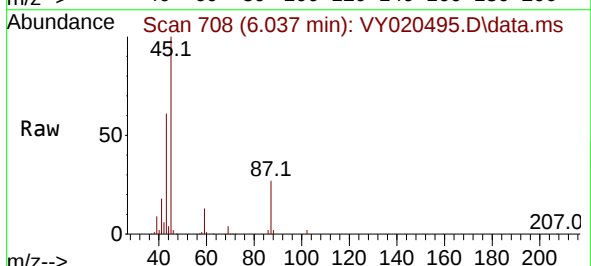
Instrument :
MSVOA_Y
ClientSampleId :



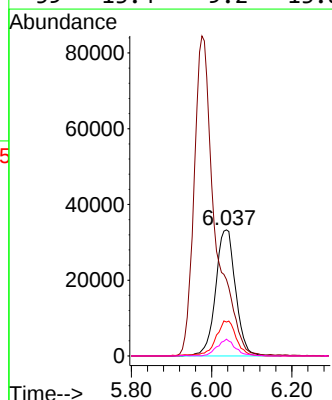
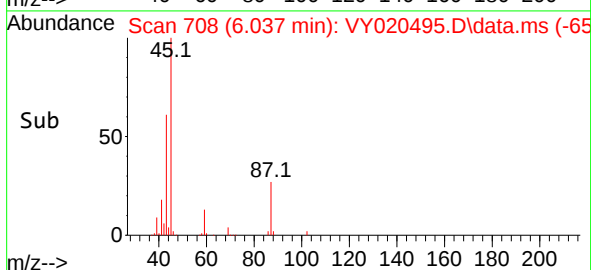
Tgt Ion: 96 Resp: 32877
Ion Ratio Lower Upper
96 100
61 137.9 111.6 167.4
98 60.0 46.7 70.1

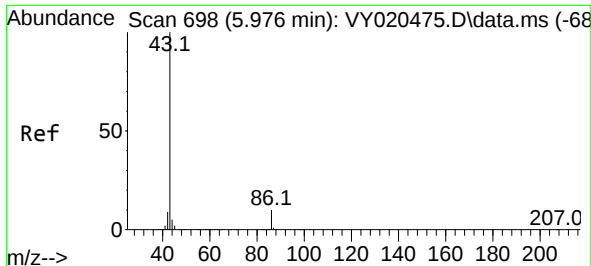


#22
Diisopropyl ether
Concen: 19.541 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34



Tgt Ion: 45 Resp: 115033
Ion Ratio Lower Upper
45 100
43 59.7 44.8 67.2
87 26.9 20.6 30.8
59 13.4 9.2 13.8

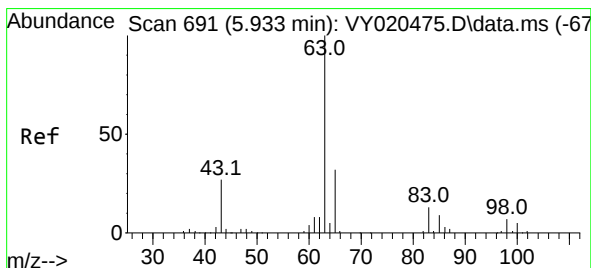
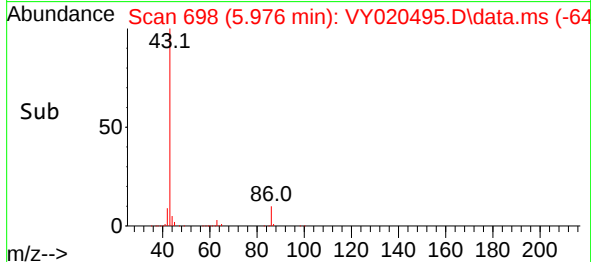
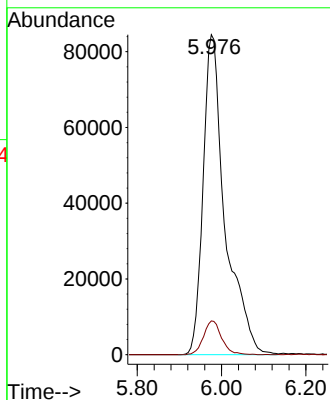
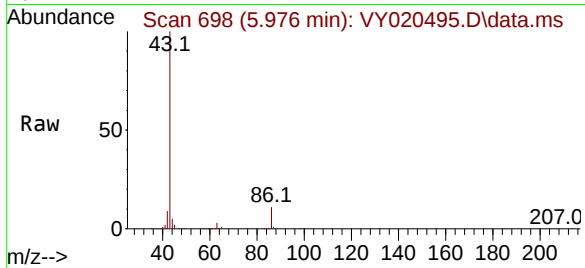




#23
 Vinyl Acetate
 Concen: 98.350 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

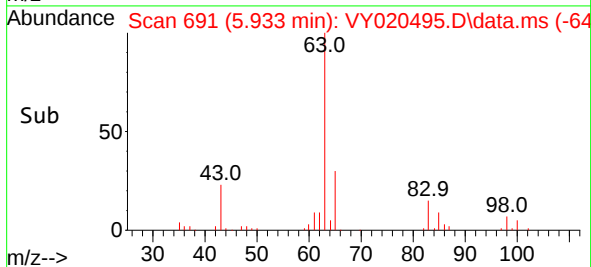
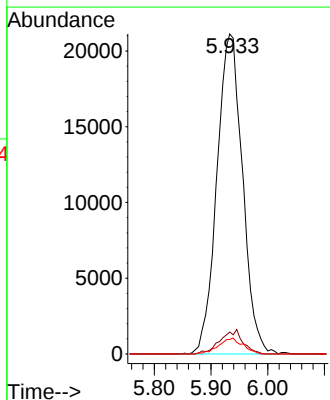
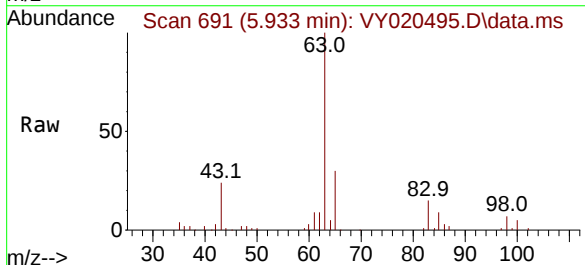
Instrument :
 MSVOA_Y
 ClientSampleId :

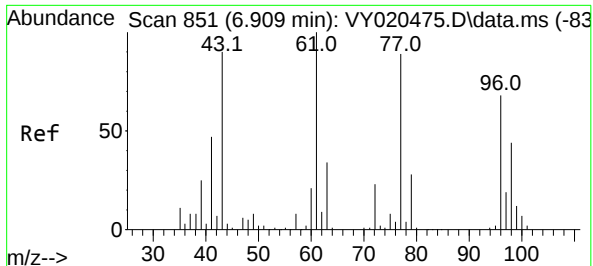
Tgt Ion: 43 Resp: 306233
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.723 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

Tgt Ion: 63 Resp: 66355
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 93.759 ug/l

RT: 6.915 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

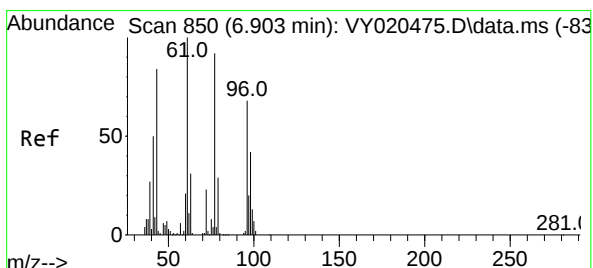
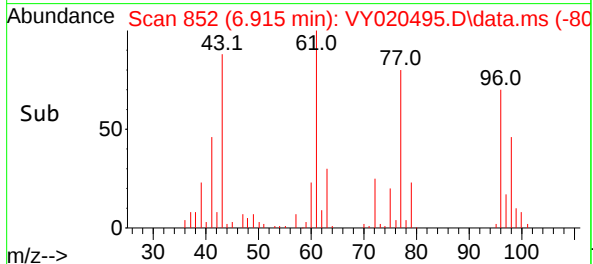
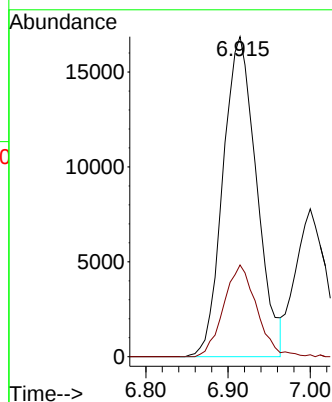
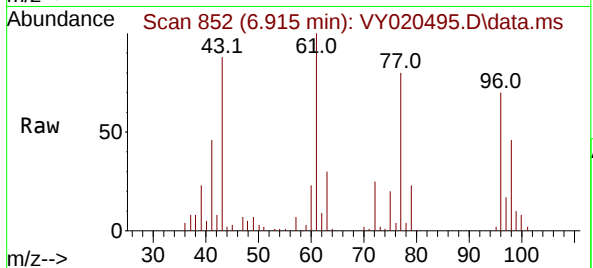
ClientSampleId :

Tgt Ion: 43 Resp: 47872

Ion Ratio Lower Upper

43 100

72 28.7 20.4 30.6



#26

2,2-Dichloropropane

Concen: 18.215 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY020495.D

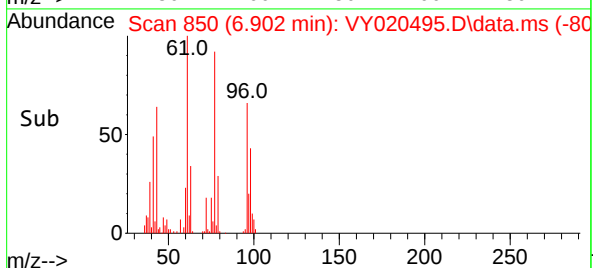
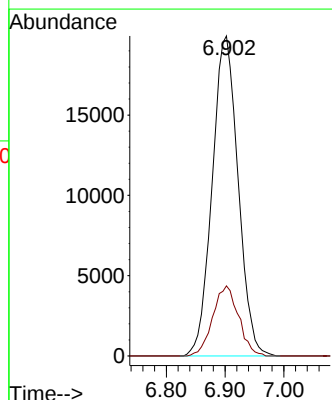
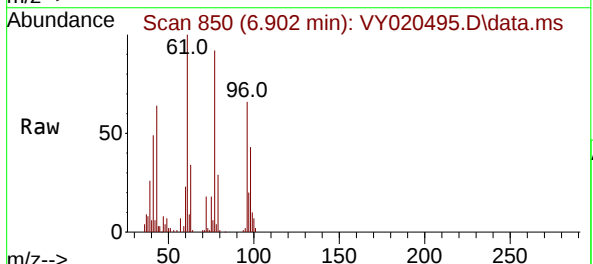
Acq: 03 Dec 2024 10:34

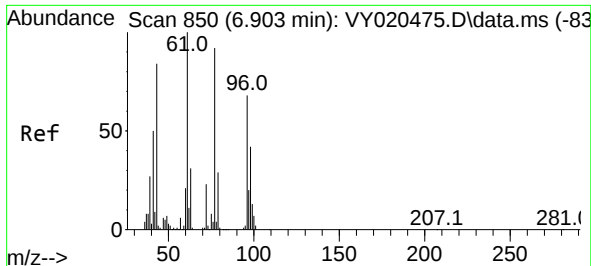
Tgt Ion: 77 Resp: 61059

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.7

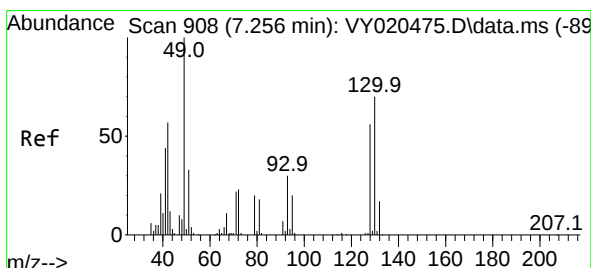
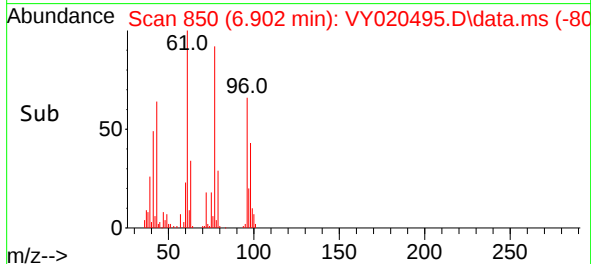
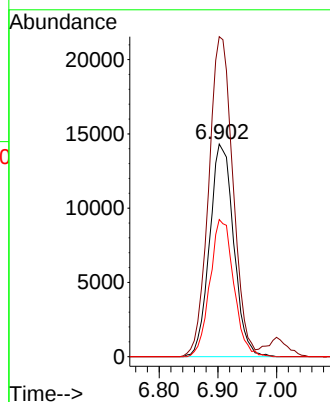
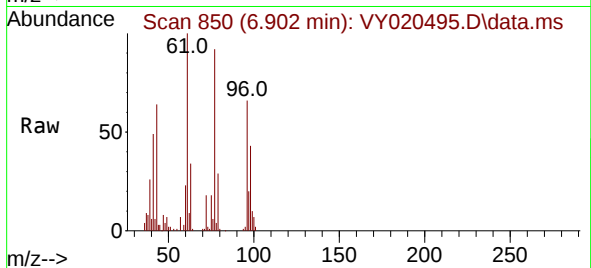




#27
 cis-1,2-Dichloroethene
 Concen: 18.929 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

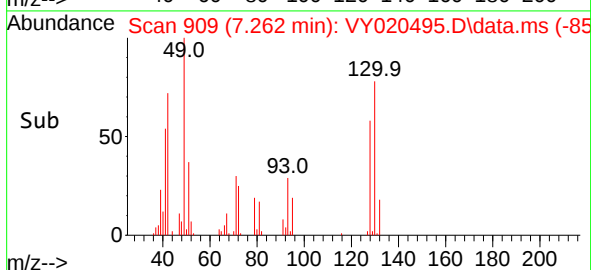
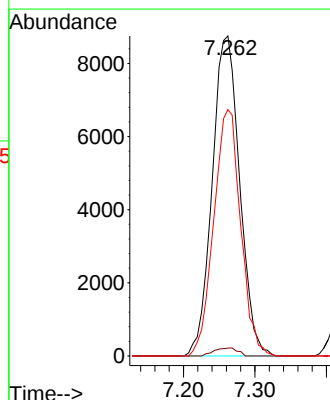
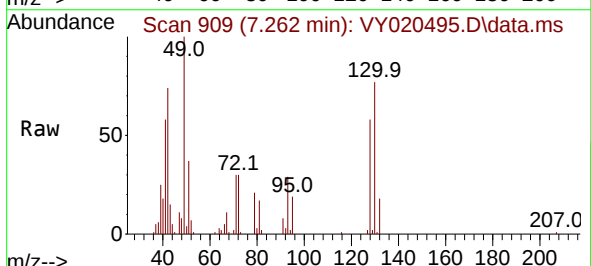
Instrument :
 MSVOA_Y
 ClientSampleId :

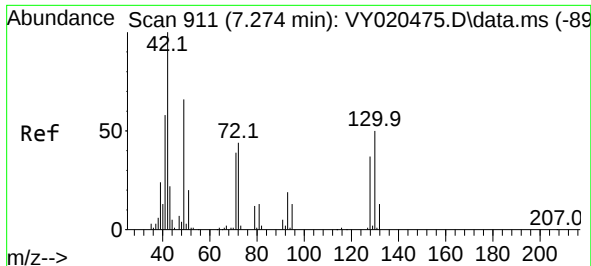
Tgt Ion: 96 Resp: 40749
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 312.4
 98 63.9 0.0 126.8



#28
 Bromochloromethane
 Concen: 17.650 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

Tgt Ion: 49 Resp: 23360
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 75.2 55.0 82.6





#29

Tetrahydrofuran

Concen: 101.184 ug/l

RT: 7.280 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

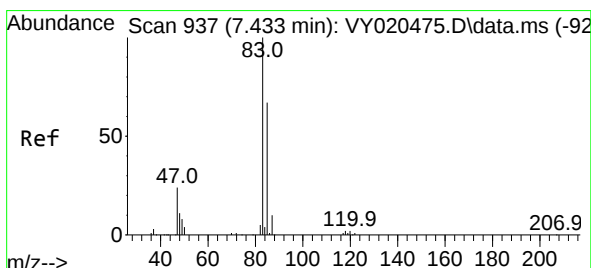
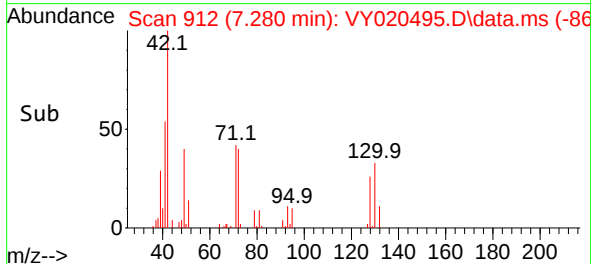
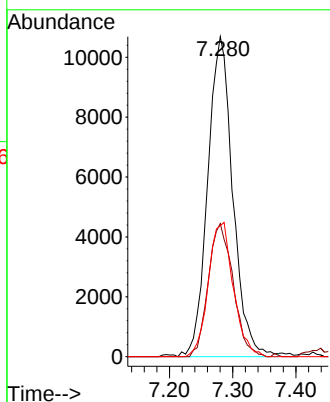
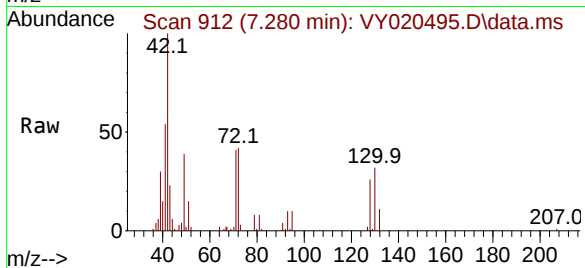
Tgt Ion: 42 Resp: 29473

Ion Ratio Lower Upper

42 100

72 41.1 33.4 50.0

71 41.7 31.9 47.9



#30

Chloroform

Concen: 18.835 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.006 min

Lab File: VY020495.D

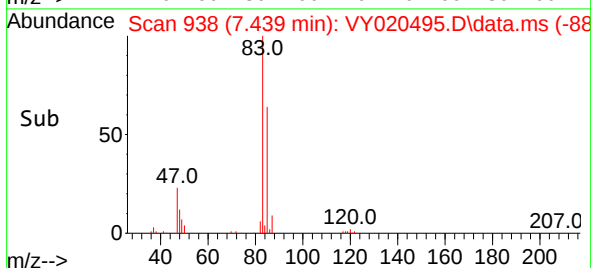
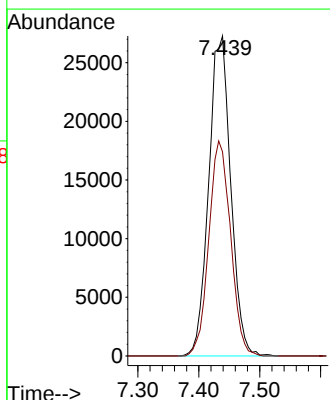
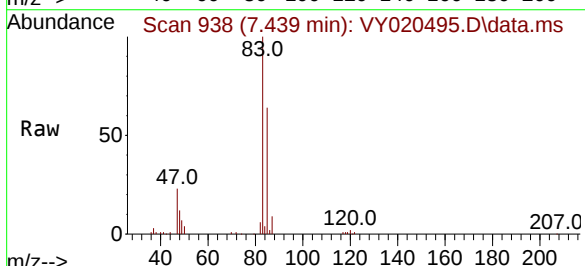
Acq: 03 Dec 2024 10:34

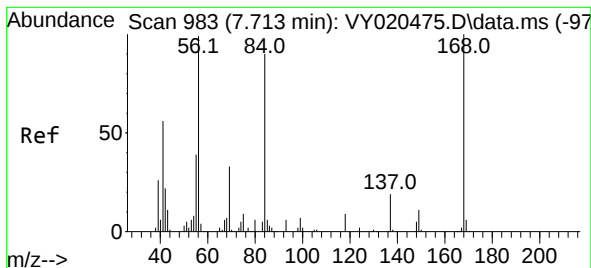
Tgt Ion: 83 Resp: 68509

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5





#31

Cyclohexane

Concen: 17.376 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.000 min

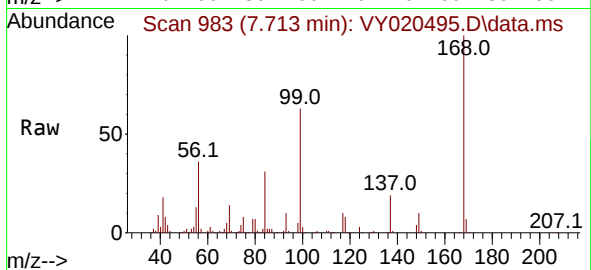
Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :



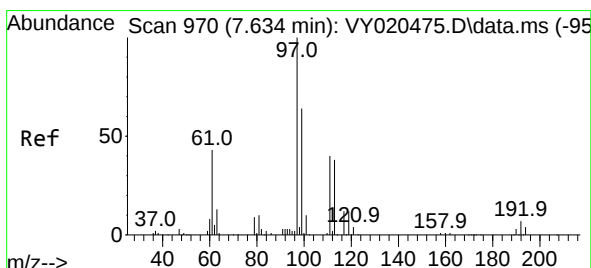
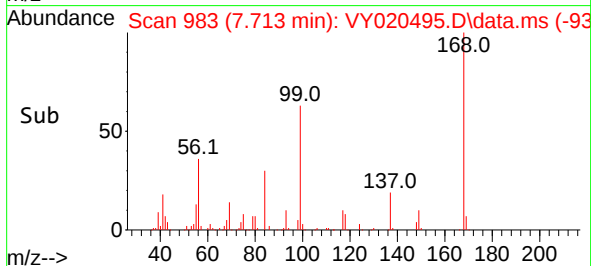
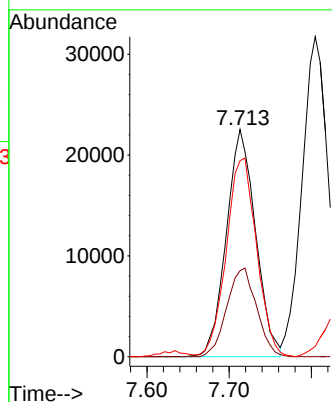
Tgt Ion: 56 Resp: 55673

Ion Ratio Lower Upper

56 100

69 37.8 25.3 37.9

84 84.6 66.9 100.3



#32

1,1,1-Trichloroethane

Concen: 18.565 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

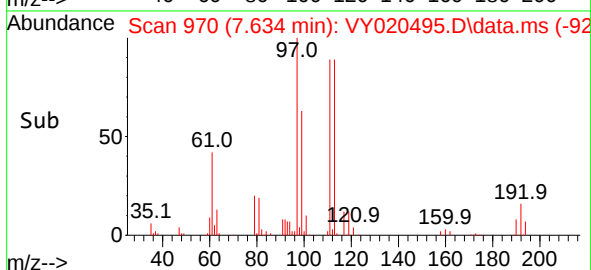
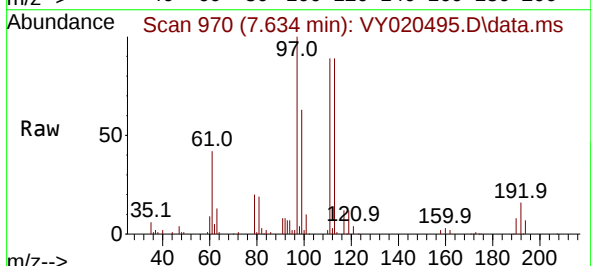
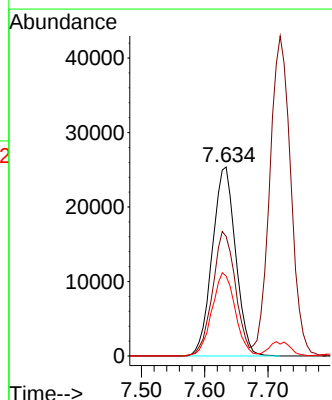
Tgt Ion: 97 Resp: 65024

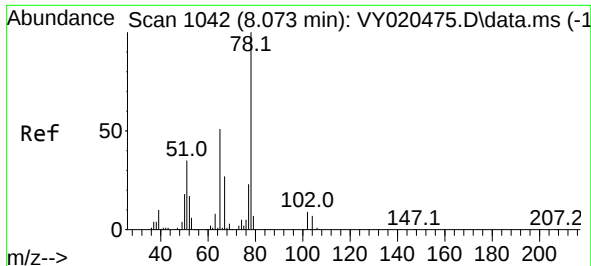
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 43.9 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 49.259 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

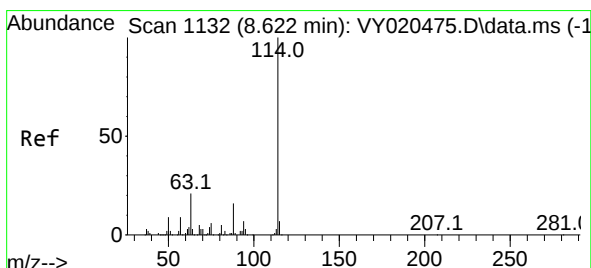
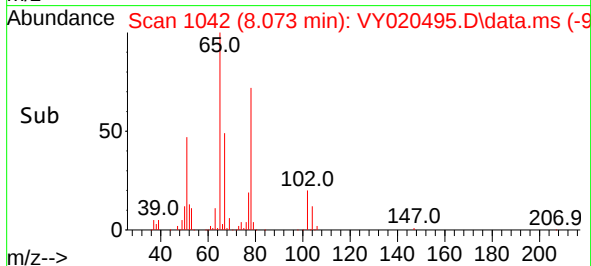
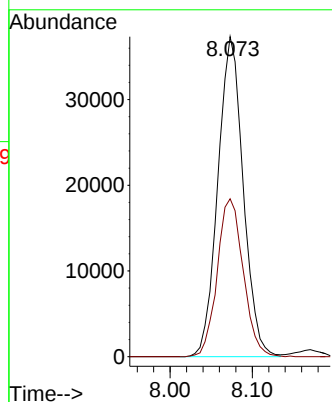
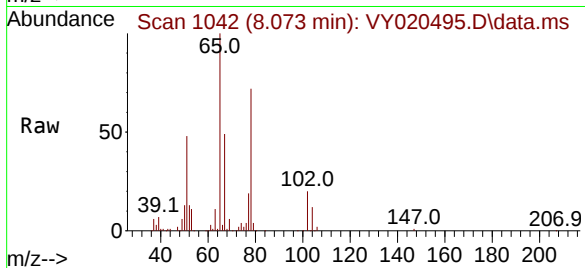
ClientSampleId :

Tgt Ion: 65 Resp: 80104

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

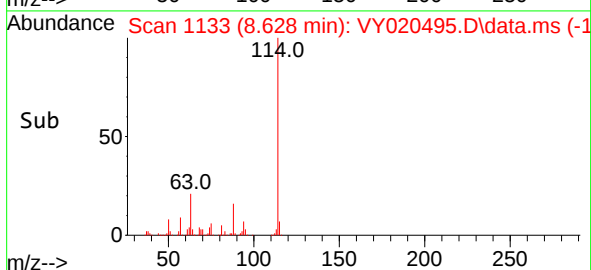
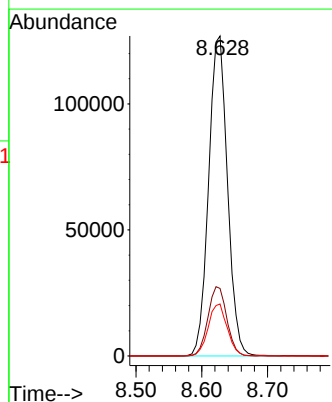
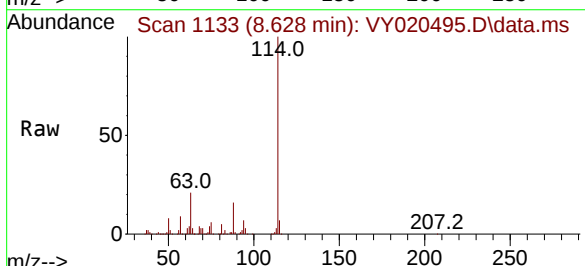
Tgt Ion:114 Resp: 252893

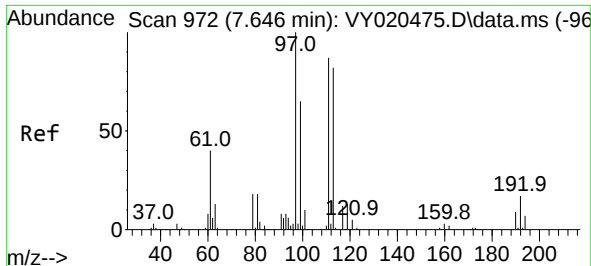
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.8

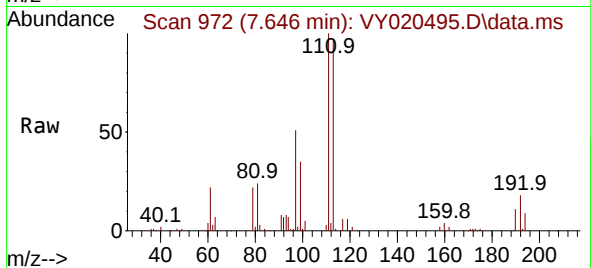
88 16.3 0.0 32.0



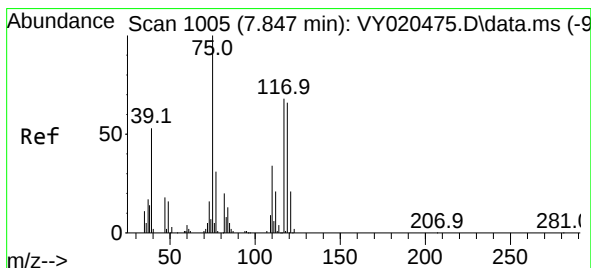
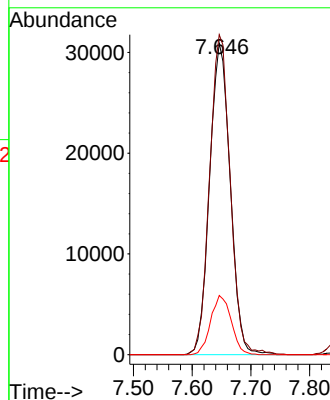
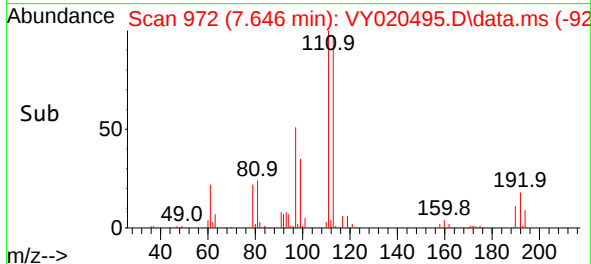


#35
Dibromofluoromethane
Concen: 47.290 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

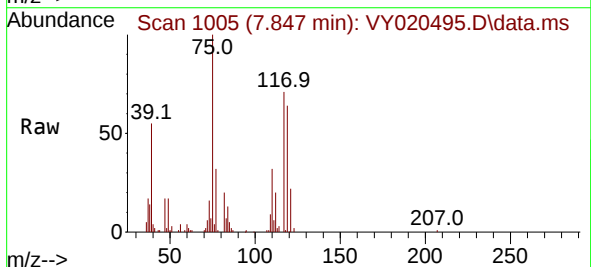
Instrument :
MSVOA_Y
ClientSampleId :



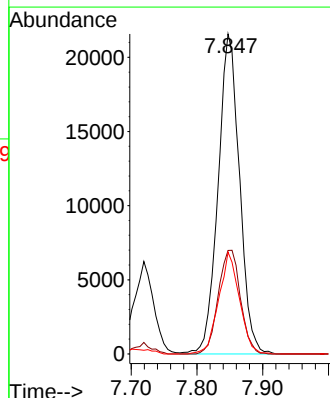
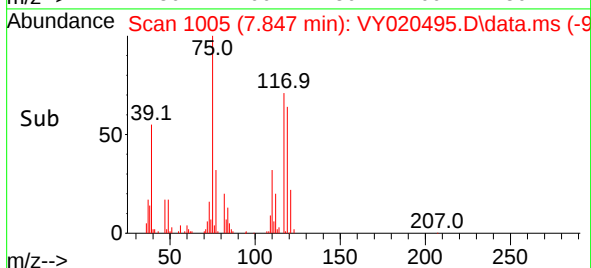
Tgt Ion:113 Resp: 75289
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 19.0 15.1 22.7

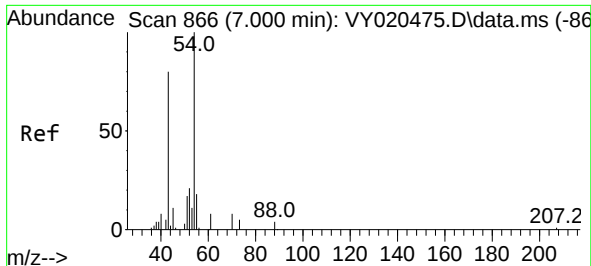


#36
1,1-Dichloropropene
Concen: 18.212 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34



Tgt Ion: 75 Resp: 48965
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.0
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 20.573 ug/l

RT: 7.000 min Scan# 866

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

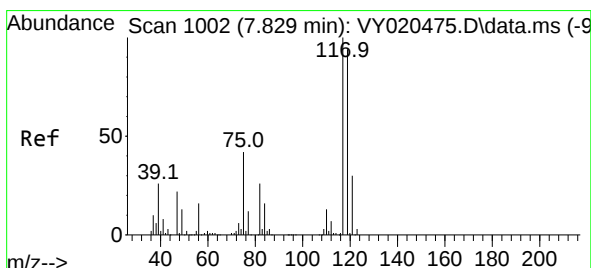
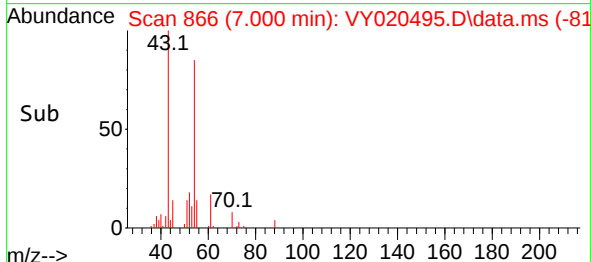
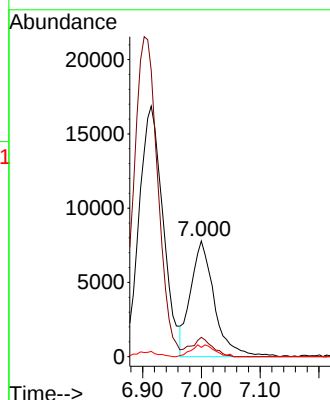
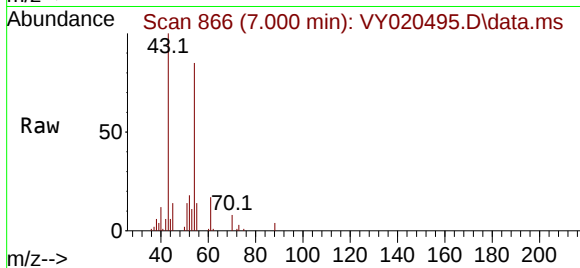
Tgt Ion: 43 Resp: 21913

Ion Ratio Lower Upper

43 100

61 14.2 10.7 16.1

70 9.9 7.3 10.9



#38

Carbon Tetrachloride

Concen: 18.411 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

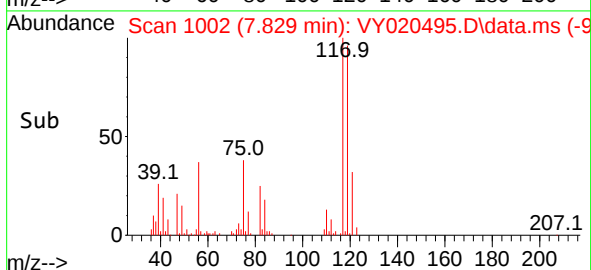
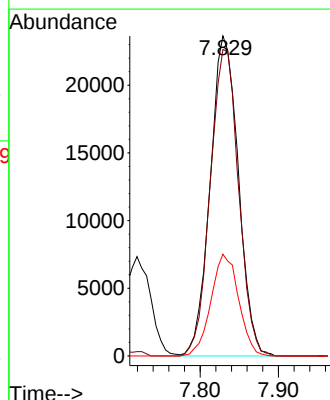
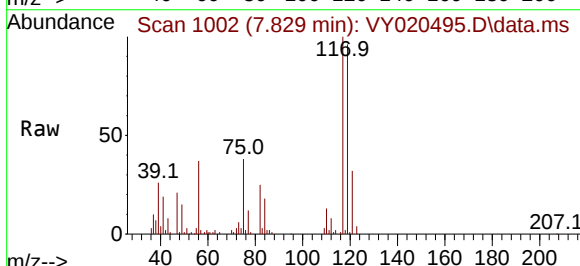
Tgt Ion: 117 Resp: 59077

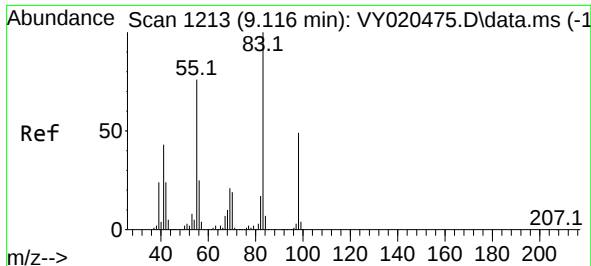
Ion Ratio Lower Upper

117 100

119 95.7 77.8 116.6

121 31.8 24.6 37.0





#39

Methylcyclohexane

Concen: 17.671 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

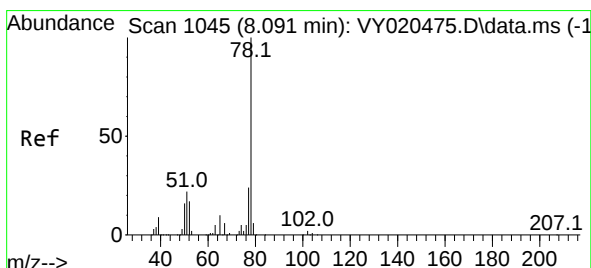
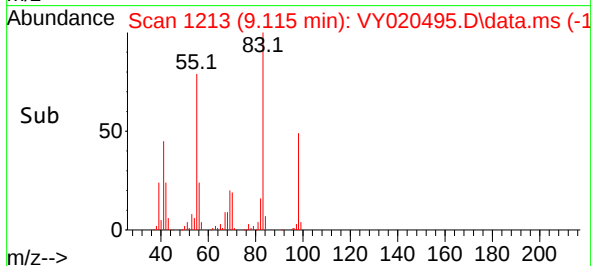
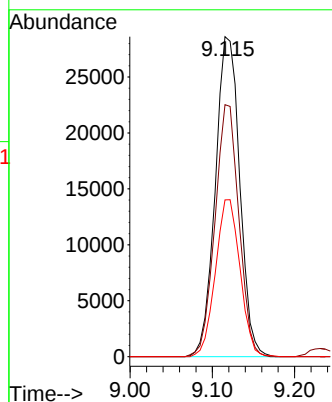
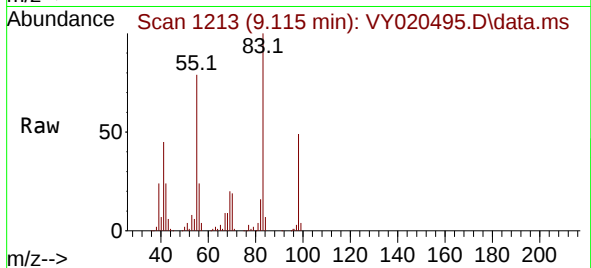
Tgt Ion: 83 Resp: 58953

Ion Ratio Lower Upper

83 100

55 78.8 62.6 93.8

98 49.0 37.0 55.4



#40

Benzene

Concen: 18.358 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VY020495.D

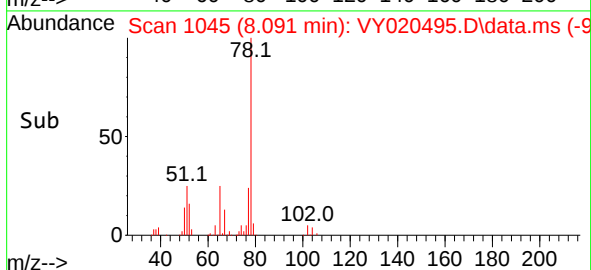
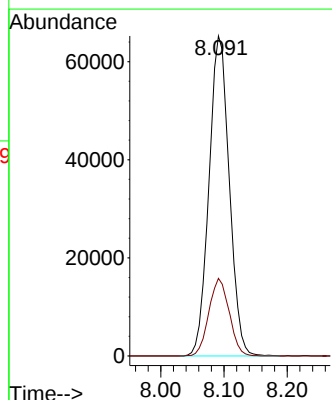
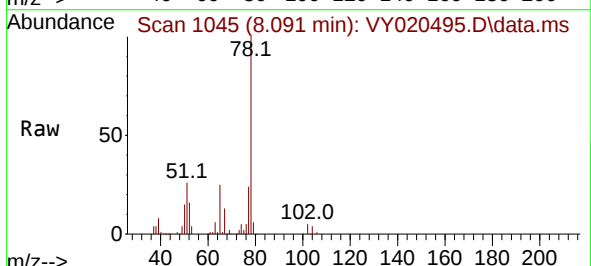
Acq: 03 Dec 2024 10:34

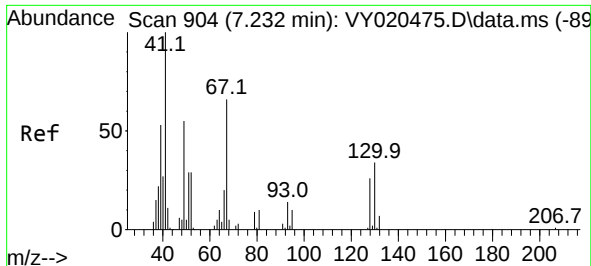
Tgt Ion: 78 Resp: 145523

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

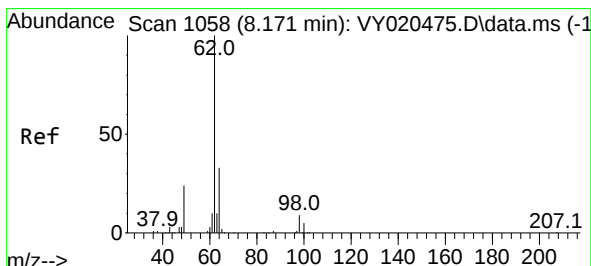
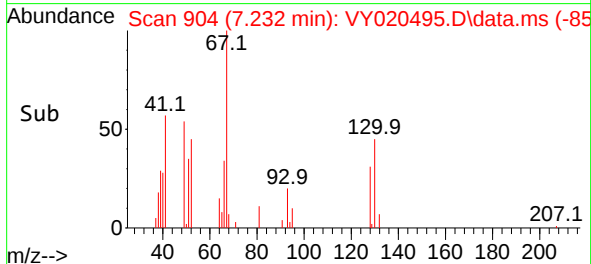
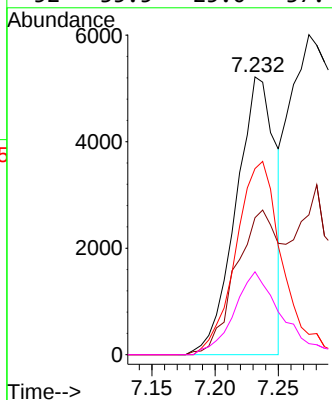
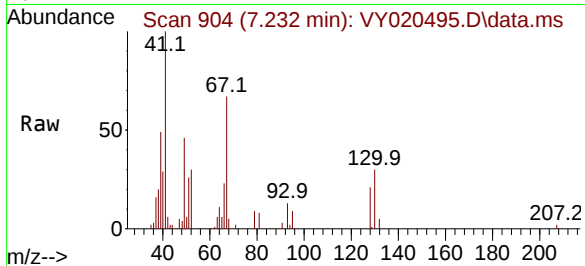




#41
Methacrylonitrile
Concen: 18.705 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

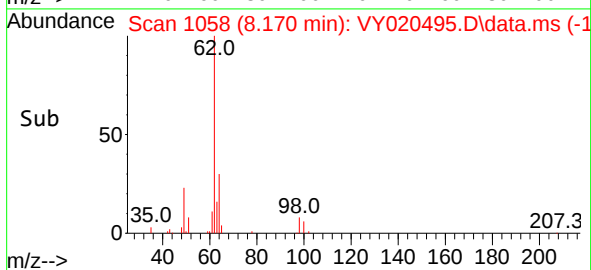
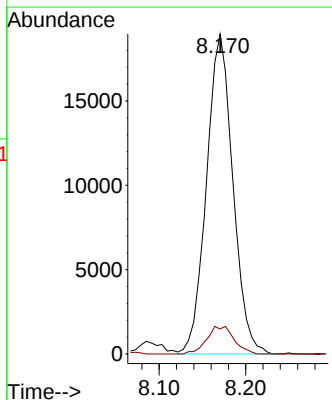
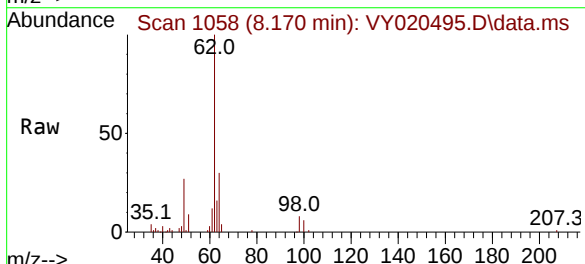
Instrument :
MSVOA_Y
ClientSampleId :

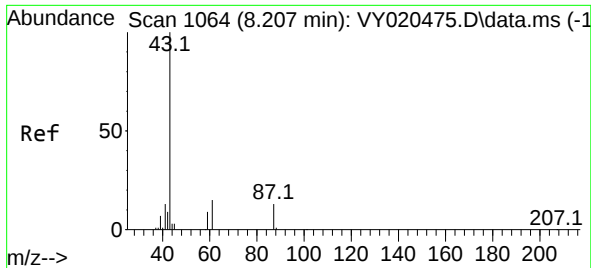
Tgt Ion:	41	Resp:	11326
Ion	Ratio	Lower	Upper
41	100		
39	60.5	49.0	73.4
67	81.8	57.1	85.7
52	35.5	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.298 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

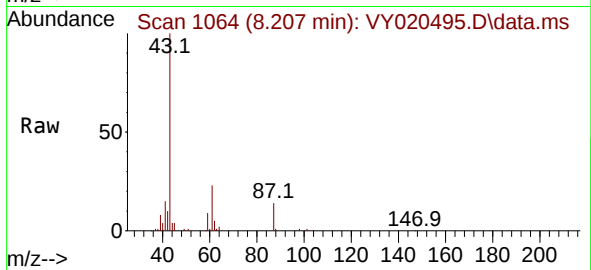
Tgt Ion:	62	Resp:	40196
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



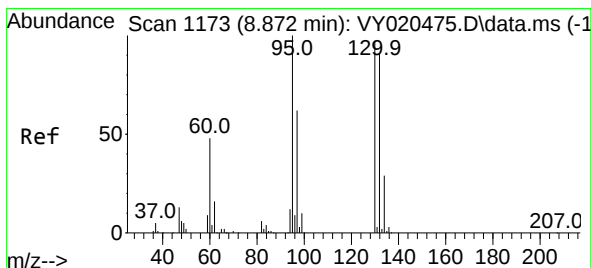
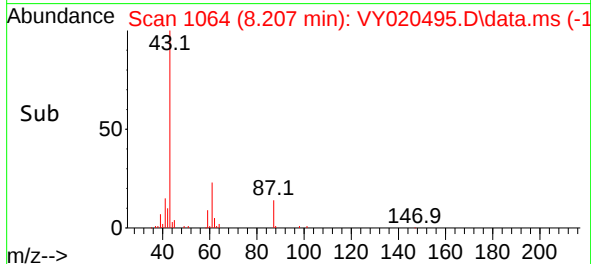
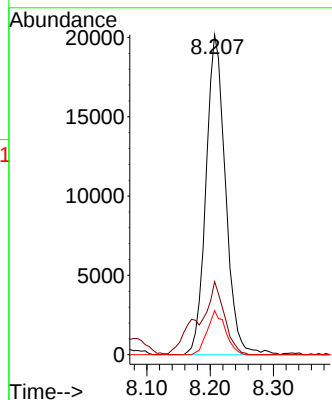


#43
Isopropyl Acetate
Concen: 20.103 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Instrument :
MSVOA_Y
ClientSampleId :

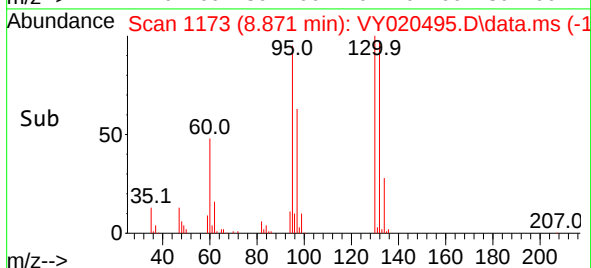
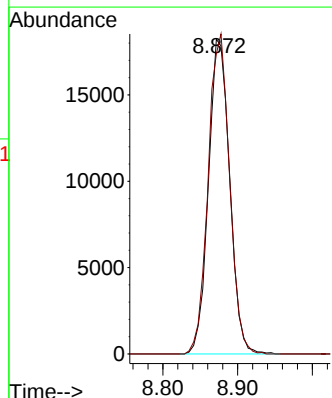
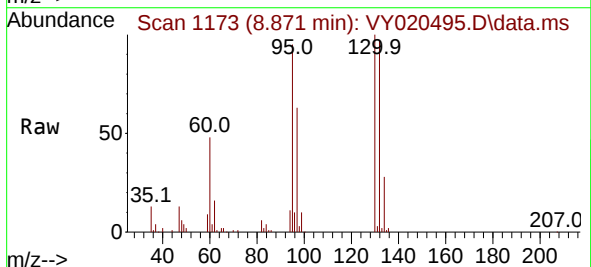


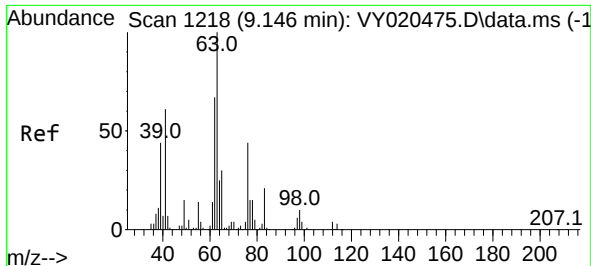
Tgt Ion: 43 Resp: 43238
Ion Ratio Lower Upper
43 100
61 20.7 22.8 34.2#
87 12.8 9.6 14.4



#44
Trichloroethene
Concen: 18.434 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion:130 Resp: 36023
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 18.810 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

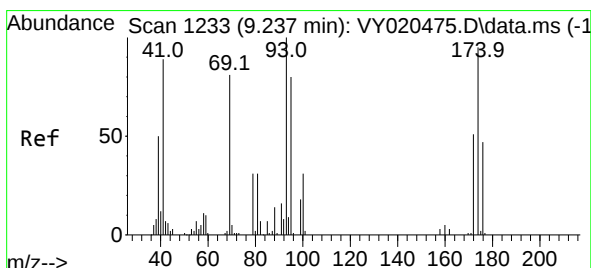
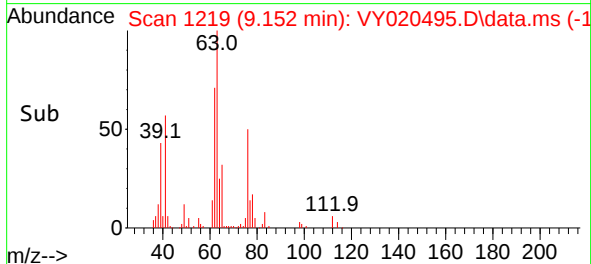
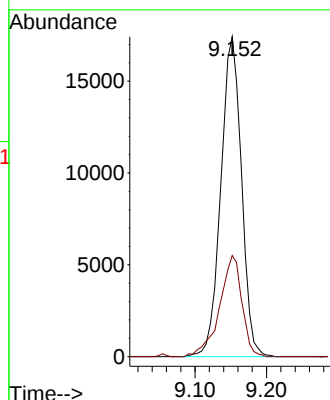
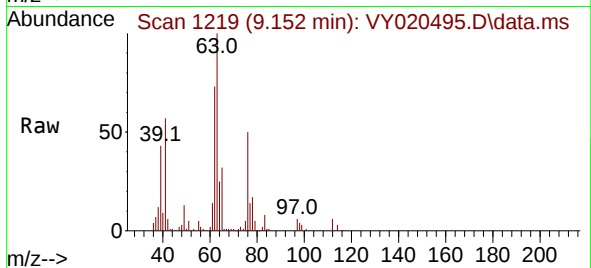
ClientSampleId :

Tgt Ion: 63 Resp: 34892

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.4



#46

Dibromomethane

Concen: 19.895 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

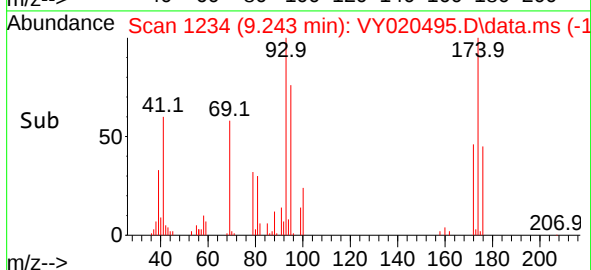
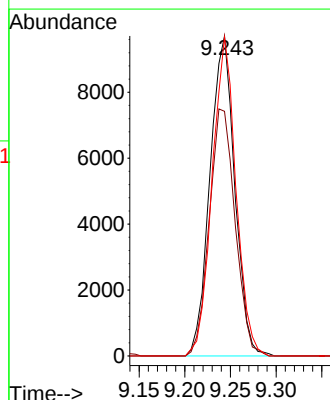
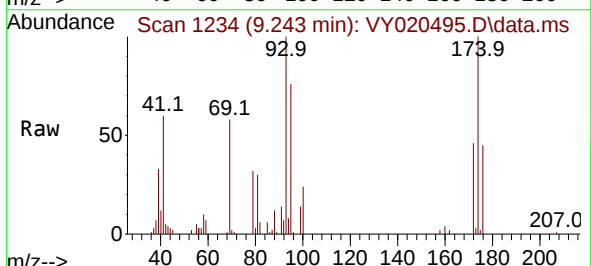
Tgt Ion: 93 Resp: 18272

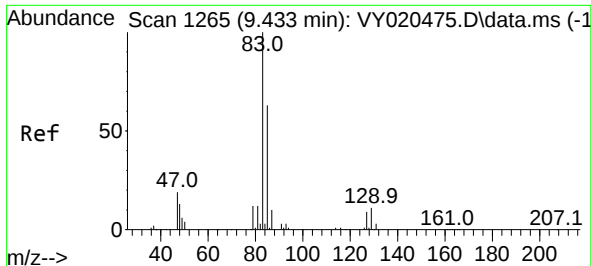
Ion Ratio Lower Upper

93 100

95 80.4 65.3 97.9

174 95.7 74.4 111.6

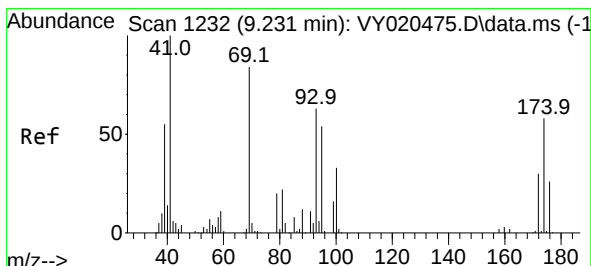
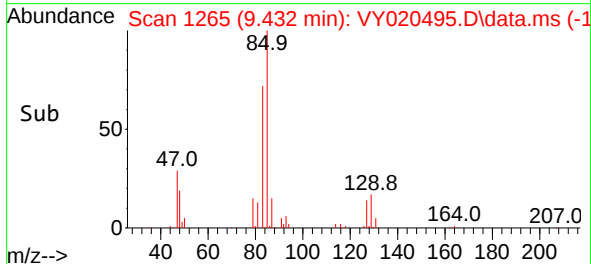
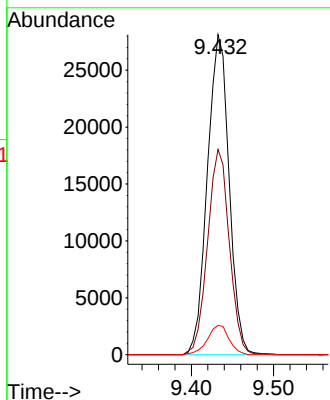
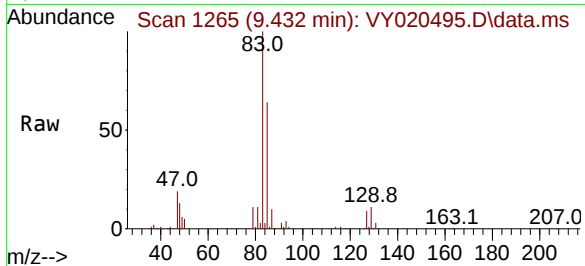




#47
Bromodichloromethane
Concen: 19.085 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

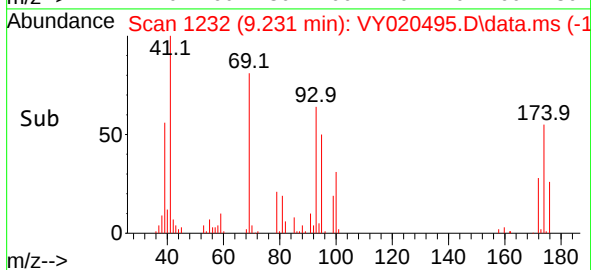
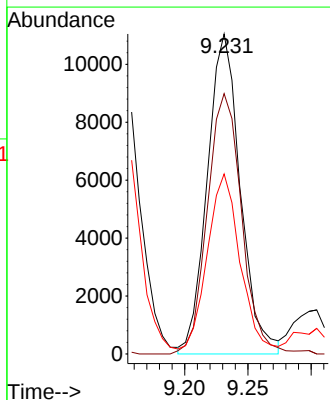
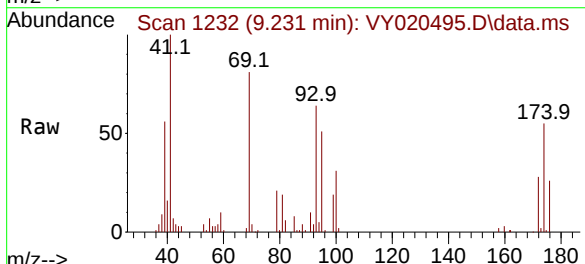
Instrument :
MSVOA_Y
ClientSampleId :

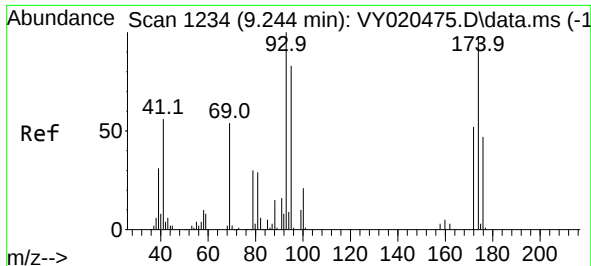
Tgt Ion: 83 Resp: 51644
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 20.017 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 41 Resp: 20076
Ion Ratio Lower Upper
41 100
69 84.6 66.1 99.1
39 53.7 46.0 69.0





#49

1,4-Dioxane

Concen: 400.390 ug/l

RT: 9.249 min Scan# 1

Delta R.T. 0.006 min

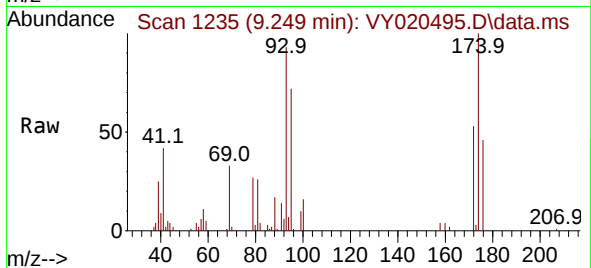
Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :



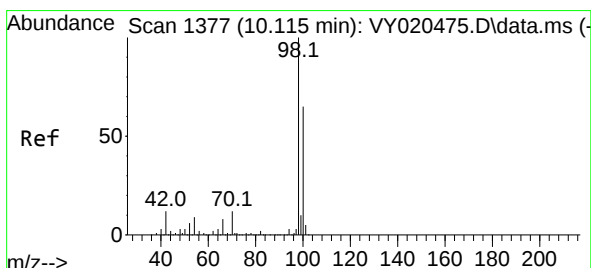
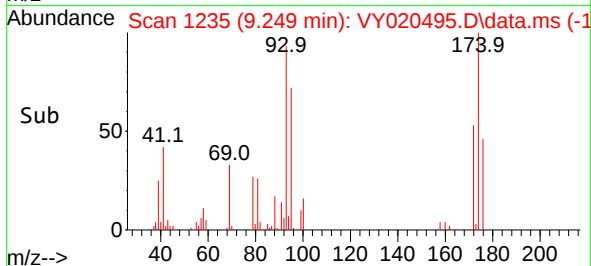
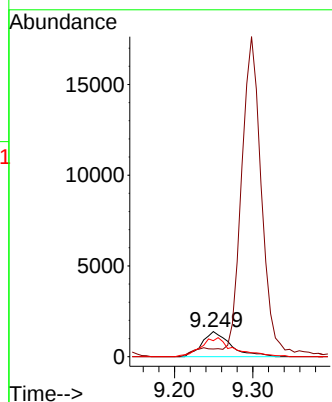
Tgt Ion: 88 Resp: 3515

Ion Ratio Lower Upper

88 100

43 0.0 24.6 37.0#

58 87.2 59.6 89.4



#50

Toluene-d8

Concen: 47.074 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020495.D

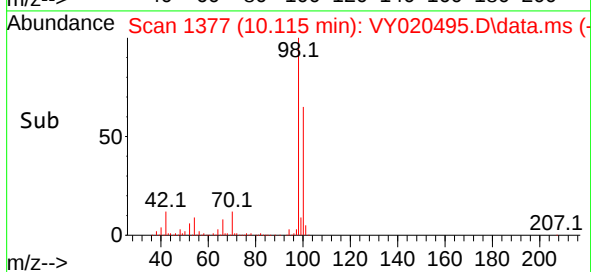
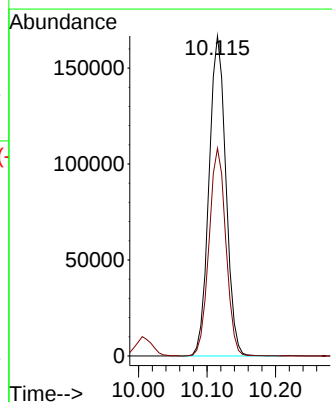
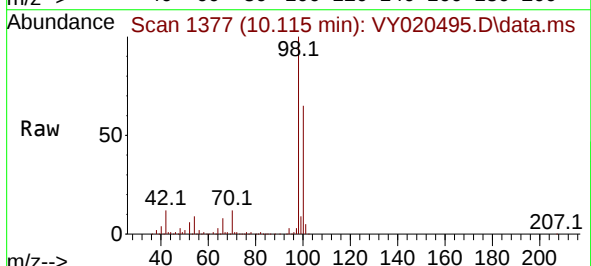
Acq: 03 Dec 2024 10:34

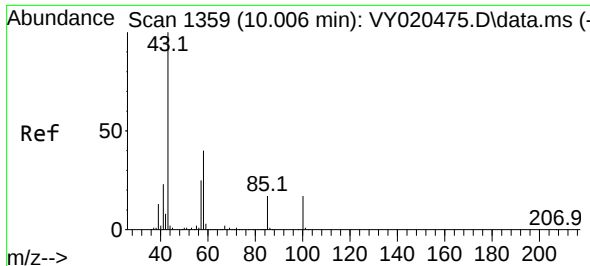
Tgt Ion: 98 Resp: 285380

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9

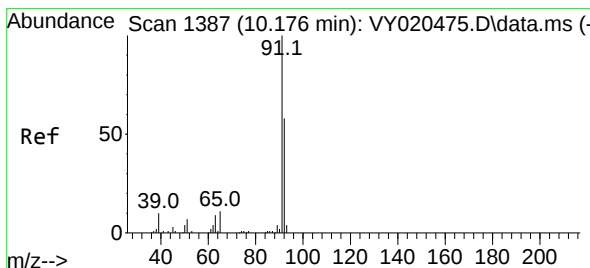
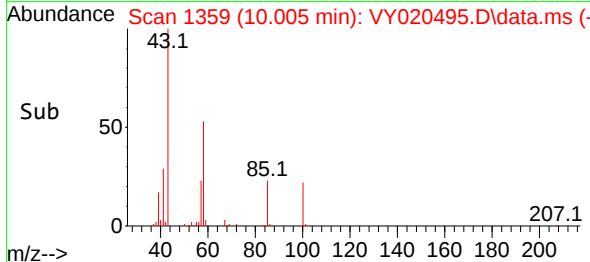
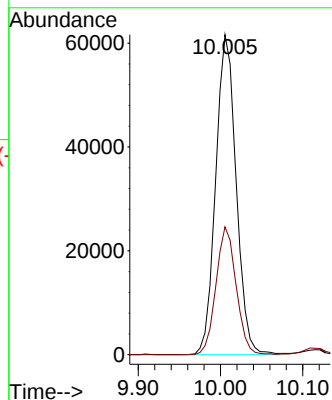
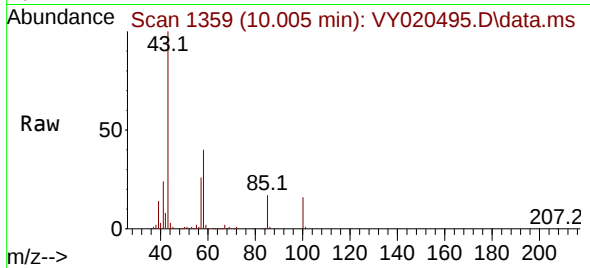




#51
4-Methyl-2-Pentanone
Concen: 100.240 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

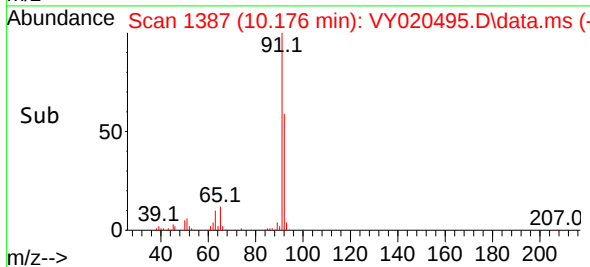
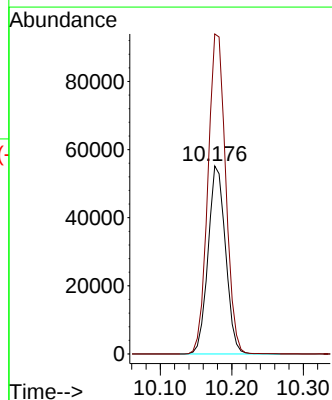
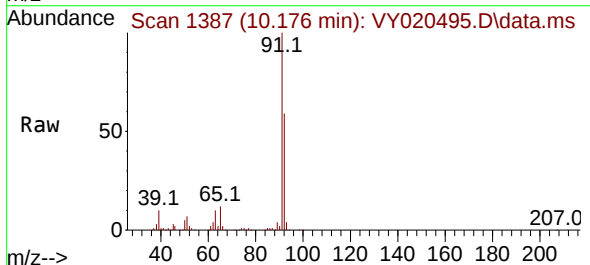
Instrument :
MSVOA_Y
ClientSampleId :

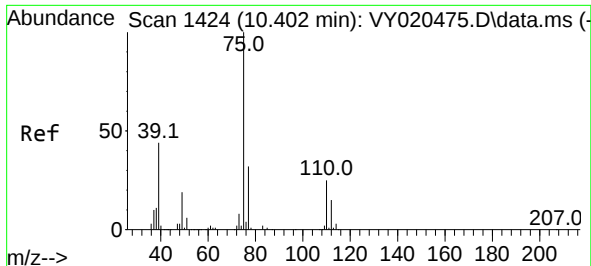
Tgt Ion: 43 Resp: 106474
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3



#52
Toluene
Concen: 18.923 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 92 Resp: 93587
Ion Ratio Lower Upper
92 100
91 173.4 139.7 209.5

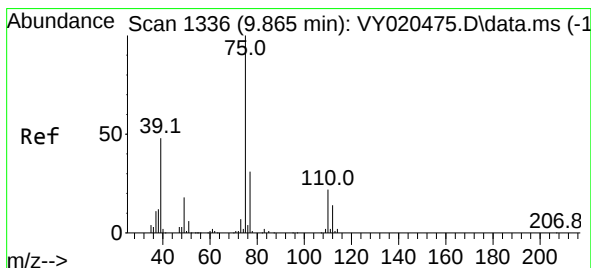
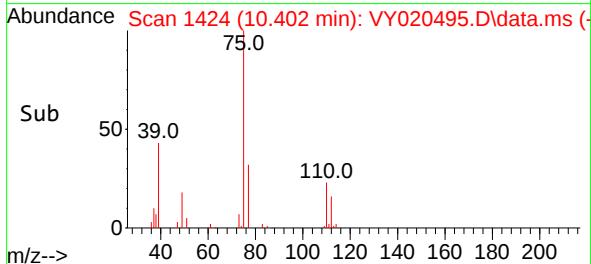
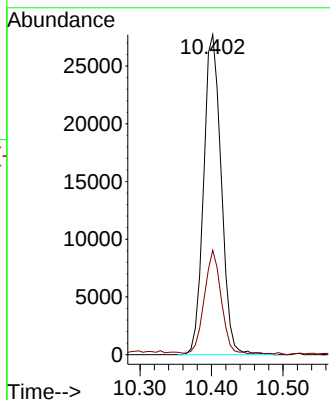
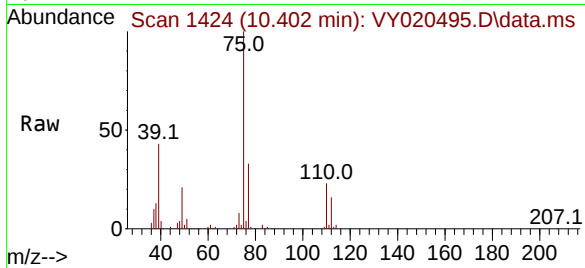




#53
 t-1,3-Dichloropropene
 Concen: 19.499 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

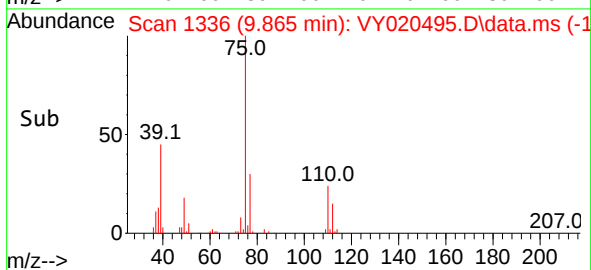
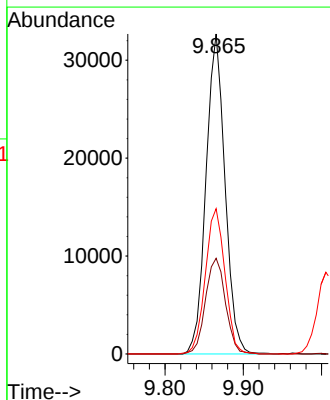
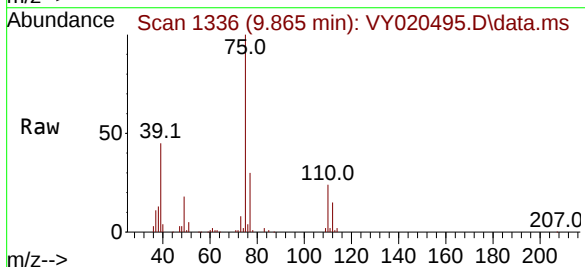
Instrument :
 MSVOA_Y
 ClientSampleId :

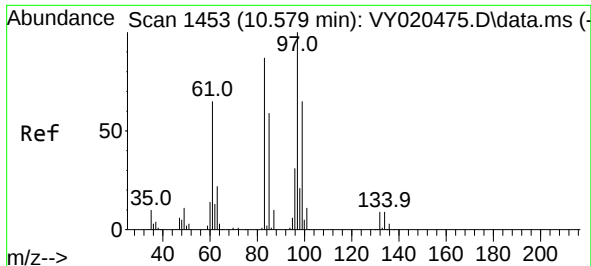
Tgt Ion: 75 Resp: 47369
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.144 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

Tgt Ion: 75 Resp: 54964
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.4
 39 45.4 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 20.163 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

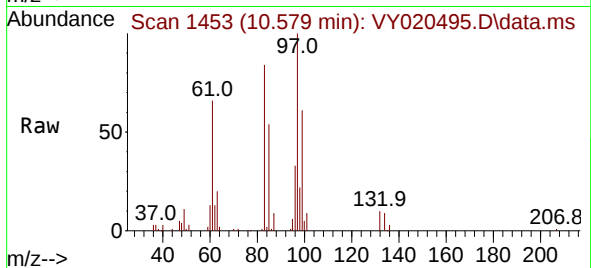
Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 24703

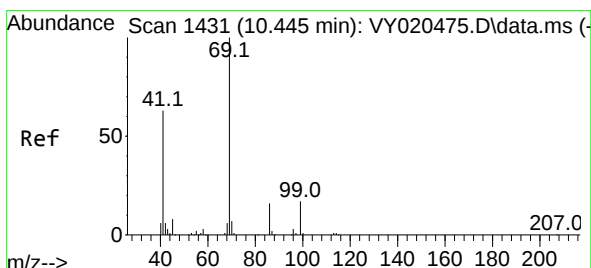
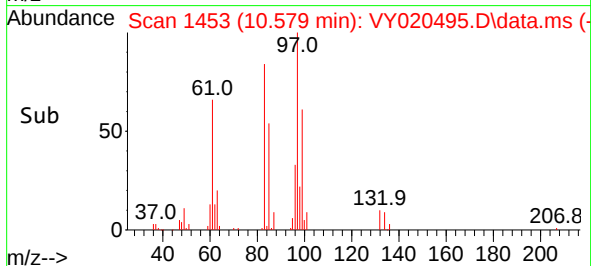
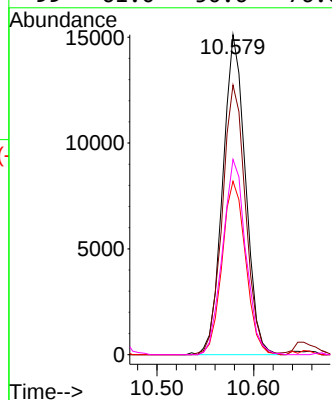
Ion Ratio Lower Upper

97 100

83 84.2 70.8 106.2

85 54.2 44.9 67.3

99 61.0 50.6 76.0



#56

Ethyl methacrylate

Concen: 19.626 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

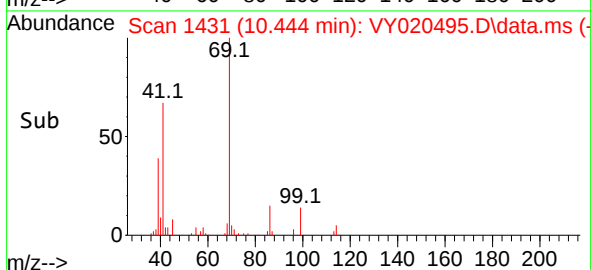
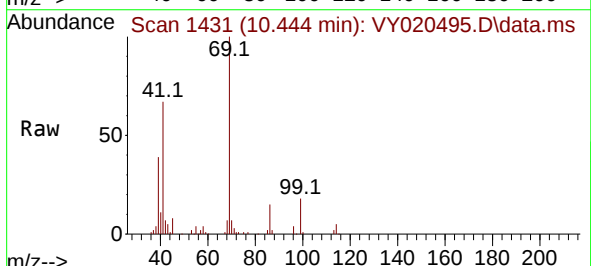
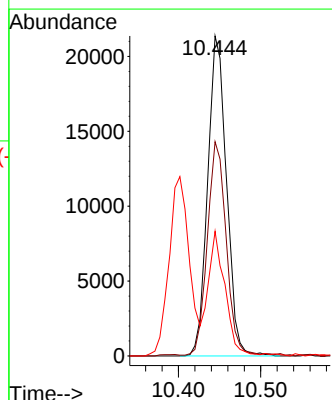
Tgt Ion: 69 Resp: 34022

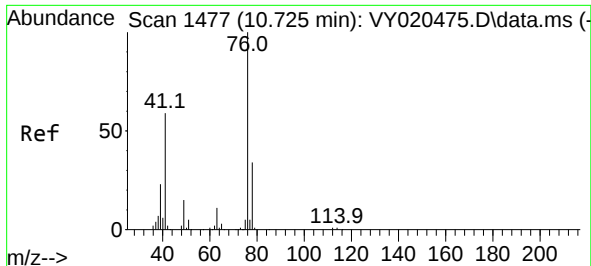
Ion Ratio Lower Upper

69 100

41 68.0 56.1 84.1

39 34.0 29.7 44.5





#57

1,3-Dichloropropane

Concen: 19.193 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

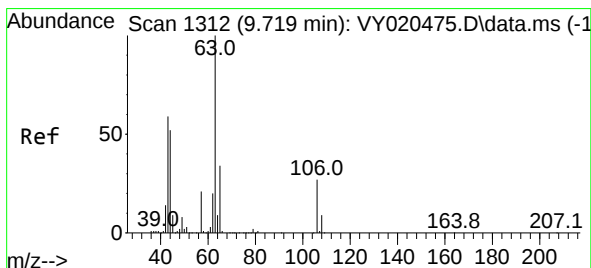
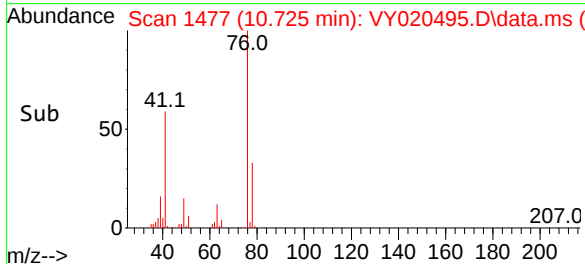
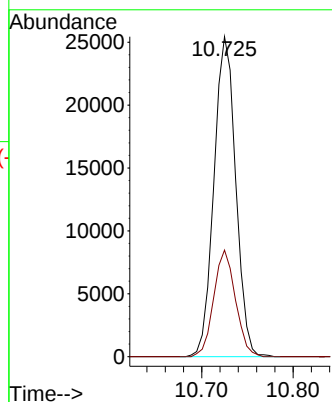
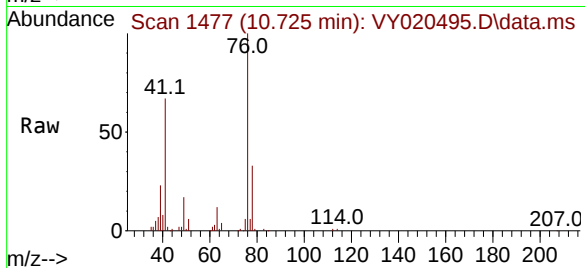
ClientSampleId :

Tgt Ion: 76 Resp: 42108

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.608 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020495.D

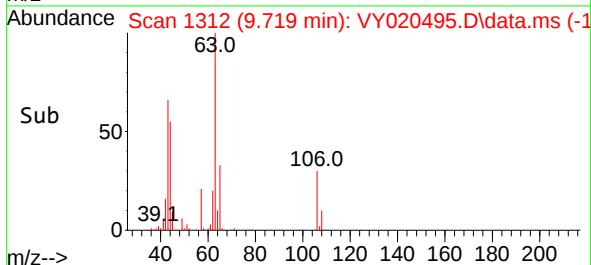
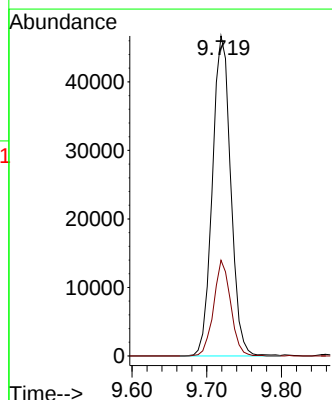
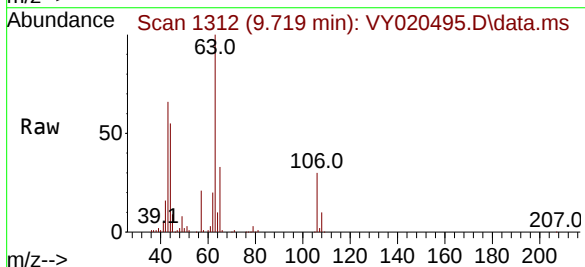
Acq: 03 Dec 2024 10:34

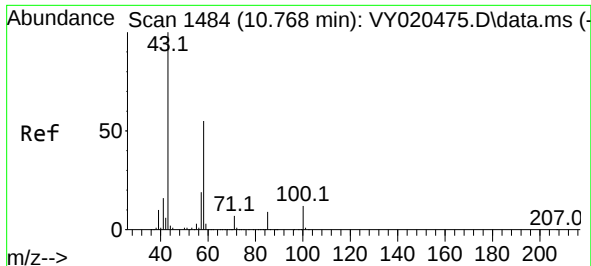
Tgt Ion: 63 Resp: 80035

Ion Ratio Lower Upper

63 100

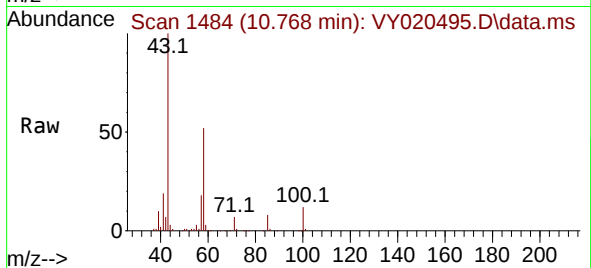
106 27.7 21.0 31.4



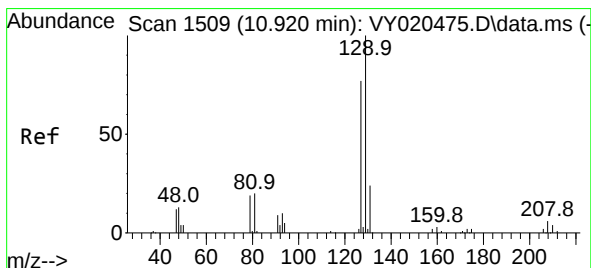
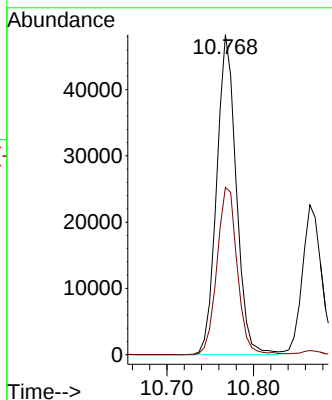
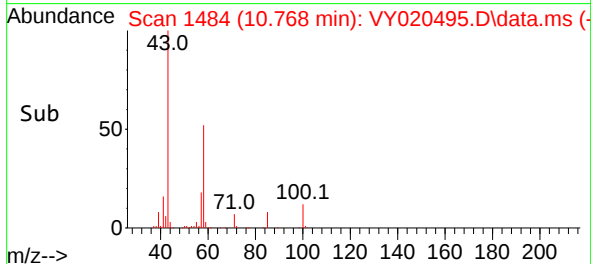


#59
2-Hexanone
Concen: 98.915 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Instrument :
MSVOA_Y
ClientSampleId :

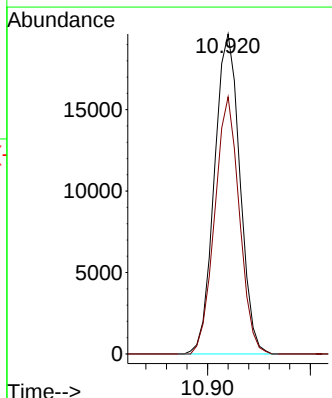
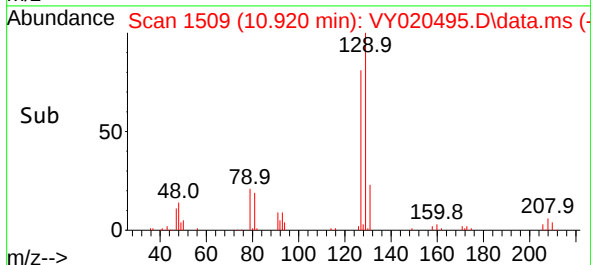
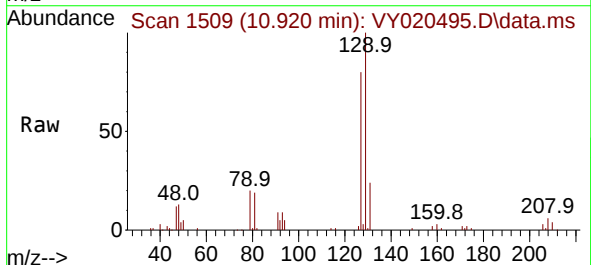


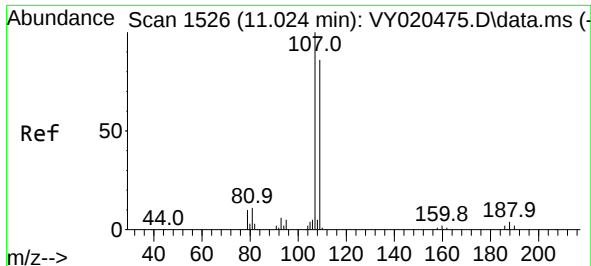
Tgt Ion: 43 Resp: 75796
Ion Ratio Lower Upper
43 100
58 54.2 26.4 79.2



#60
Dibromochloromethane
Concen: 19.807 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 129 Resp: 33785
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

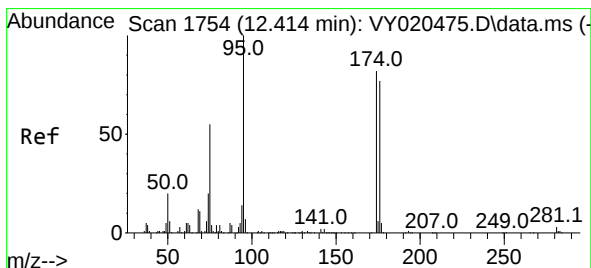
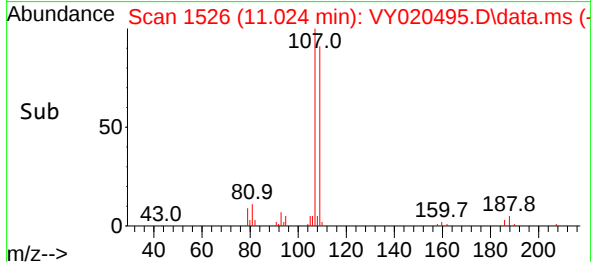
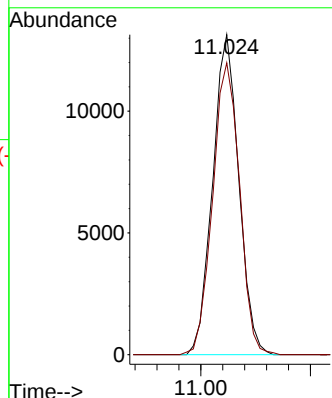
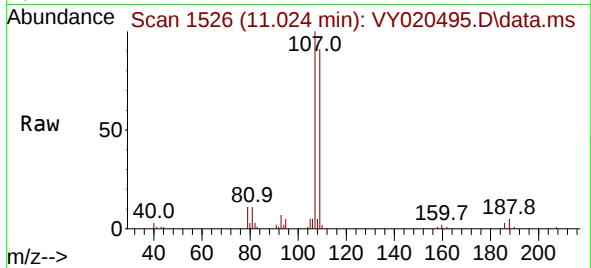




#61
1,2-Dibromoethane
Concen: 19.429 ug/l
RT: 11.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

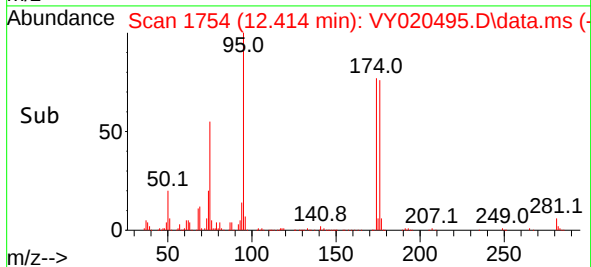
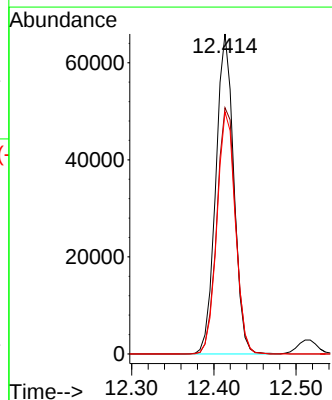
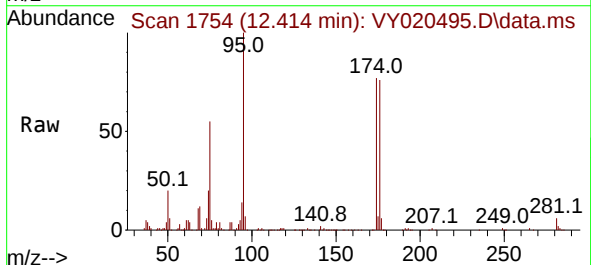
Instrument :
MSVOA_Y
ClientSampleId :

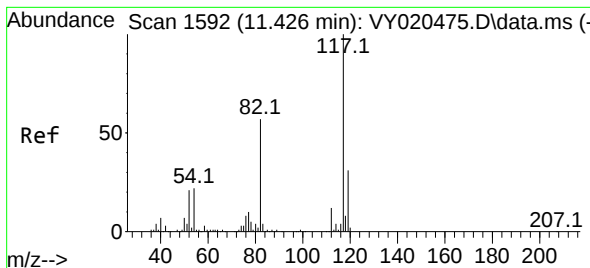
Tgt Ion:107 Resp: 21768
Ion Ratio Lower Upper
107 100
109 93.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.335 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 95 Resp: 100365
Ion Ratio Lower Upper
95 100
174 79.9 0.0 156.8
176 77.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

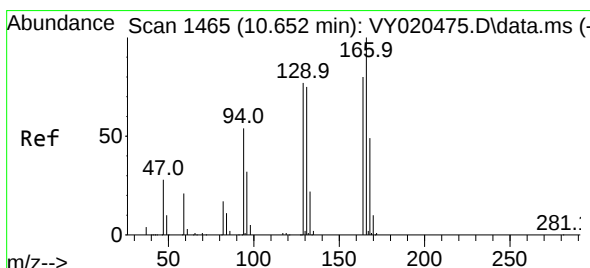
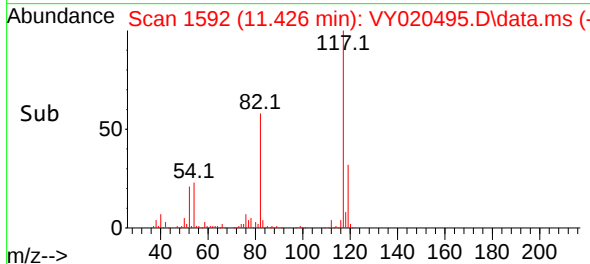
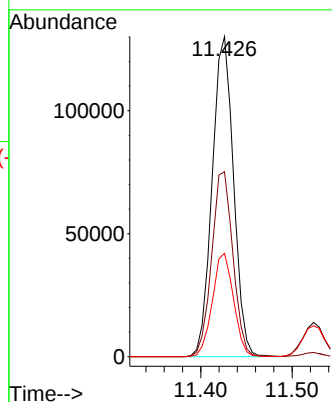
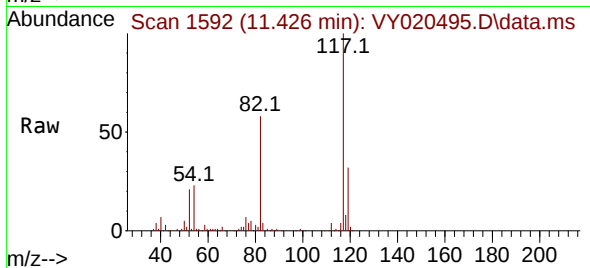
Tgt Ion:117 Resp: 211025

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 18.123 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Tgt Ion:164 Resp: 32316

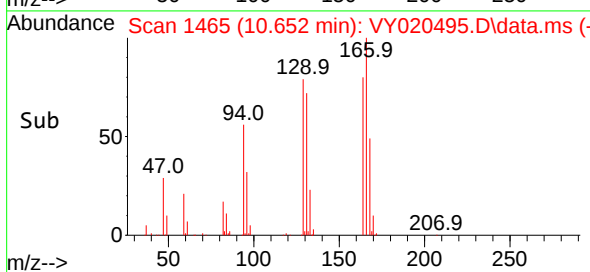
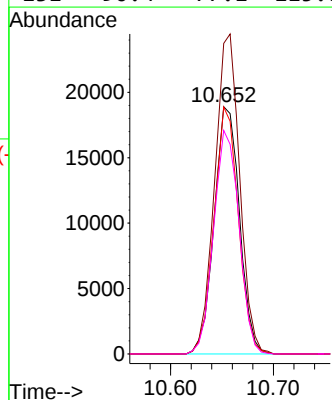
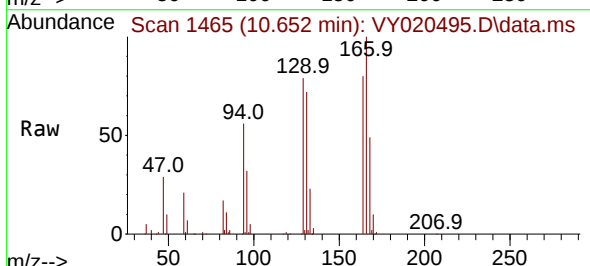
Ion Ratio Lower Upper

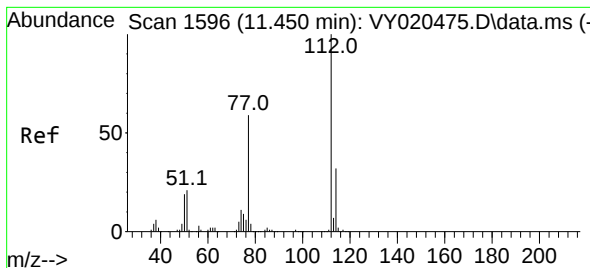
164 100

166 125.6 103.8 155.8

129 99.8 79.0 118.4

131 90.4 77.1 115.7





#65

Chlorobenzene

Concen: 18.804 ug/l

RT: 11.450 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

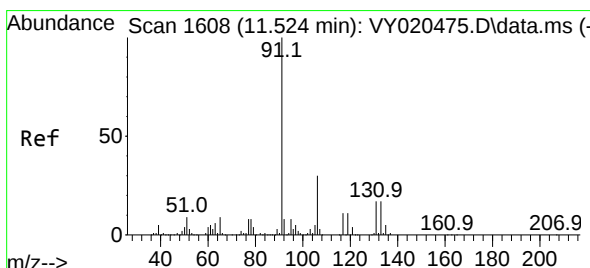
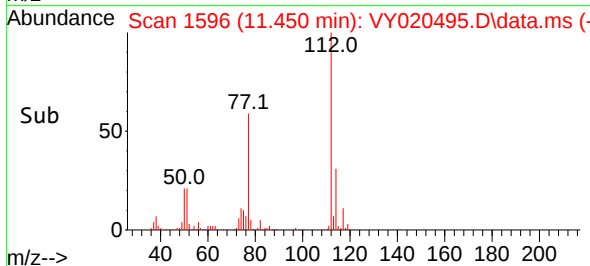
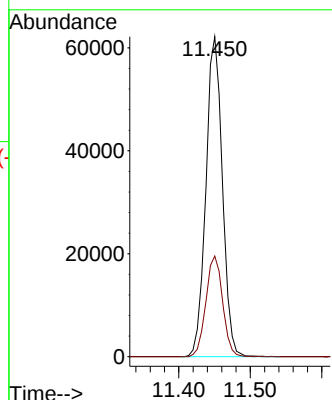
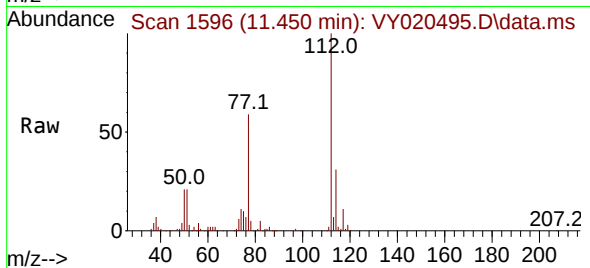
ClientSampleId :

Tgt Ion:112 Resp: 99464

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.938 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

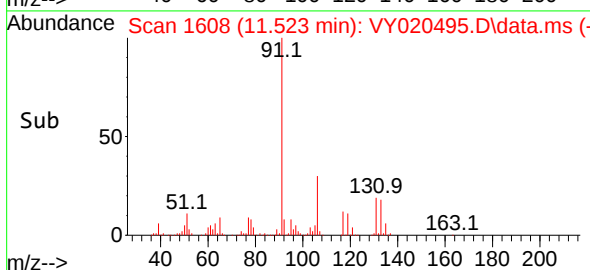
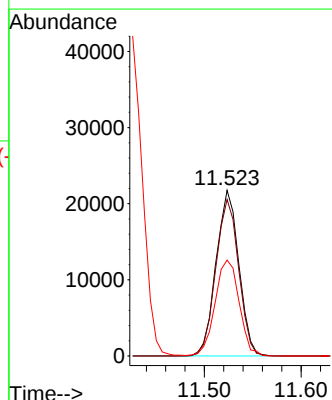
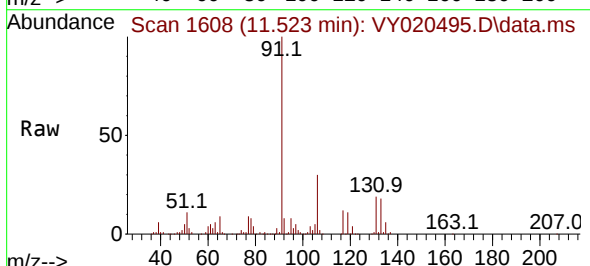
Tgt Ion:131 Resp: 35526

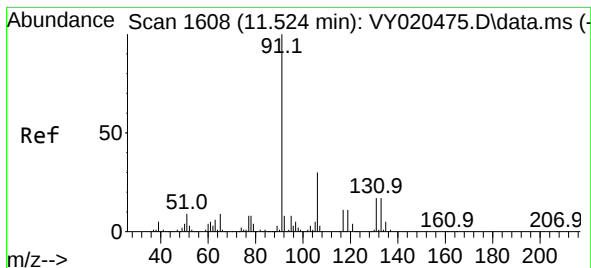
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 61.3 32.5 97.5





#67

Ethyl Benzene

Concen: 18.475 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

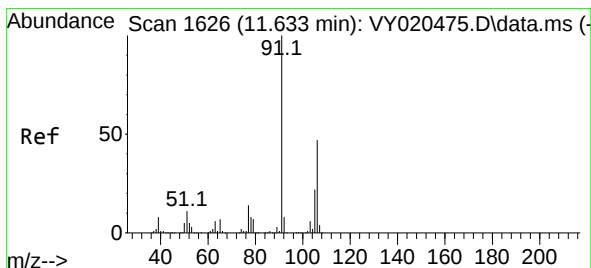
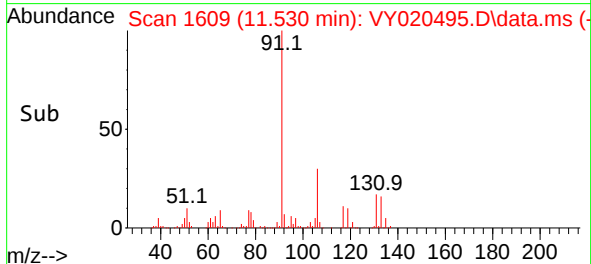
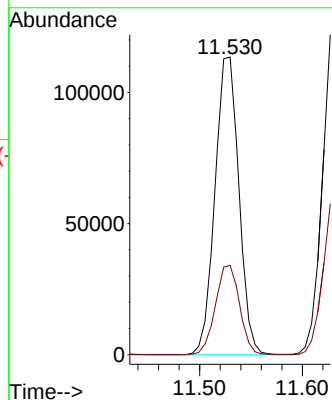
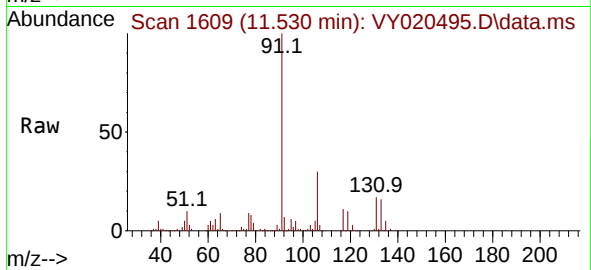
ClientSampleId :

Tgt Ion: 91 Resp: 183169

Ion Ratio Lower Upper

91 100

106 30.0 23.9 35.9



#68

m/p-Xylenes

Concen: 37.287 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020495.D

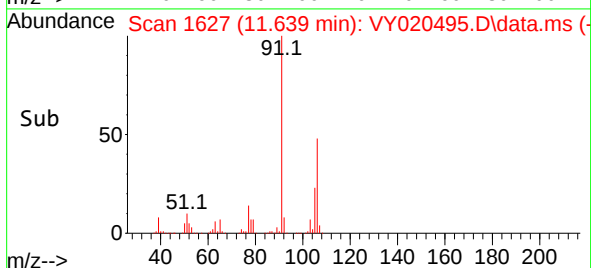
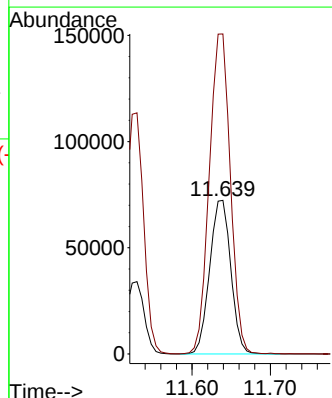
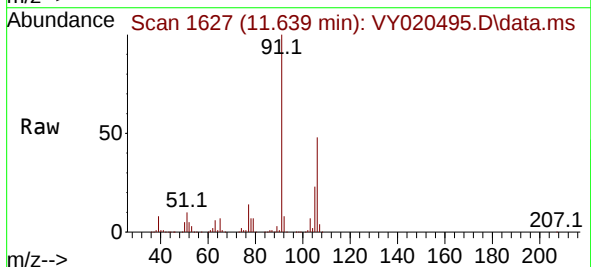
Acq: 03 Dec 2024 10:34

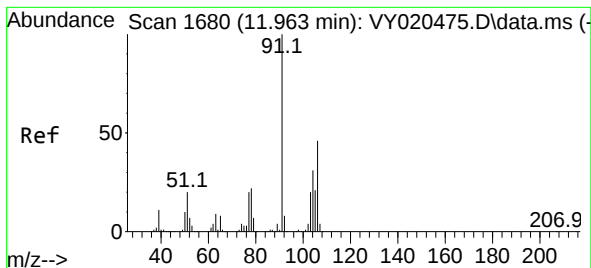
Tgt Ion:106 Resp: 135370

Ion Ratio Lower Upper

106 100

91 207.4 166.0 249.0





#69

o-Xylene

Concen: 18.974 ug/l

RT: 11.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

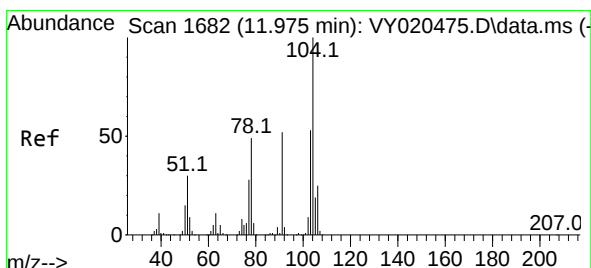
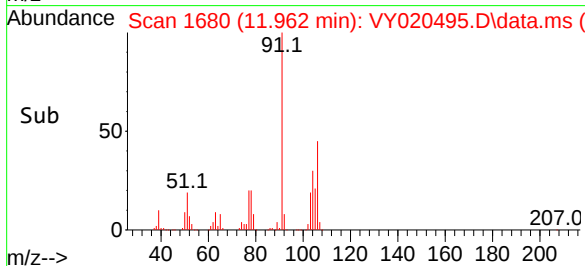
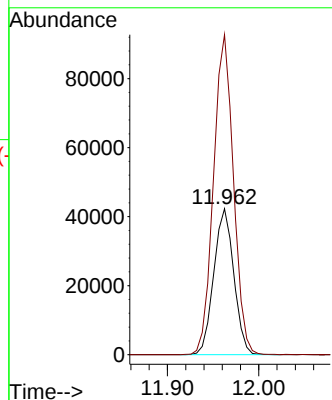
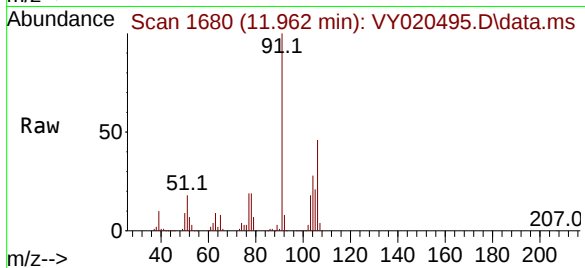
ClientSampleId :

Tgt Ion:106 Resp: 64533

Ion Ratio Lower Upper

106 100

91 218.6 110.0 330.0



#70

Styrene

Concen: 19.002 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

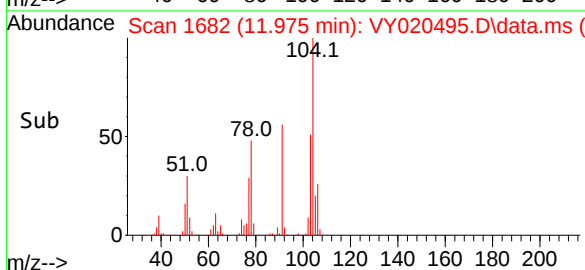
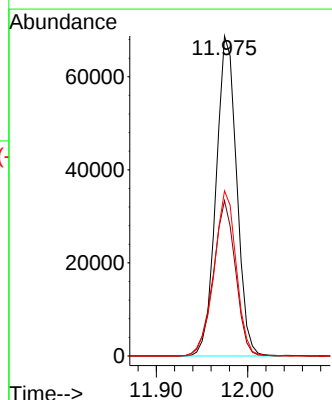
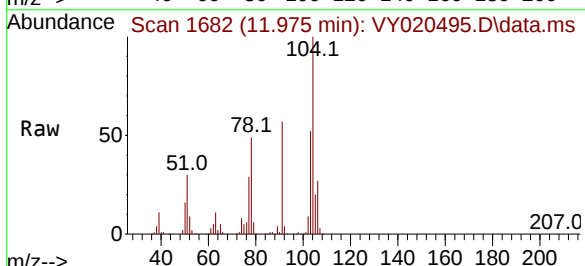
Tgt Ion:104 Resp: 107827

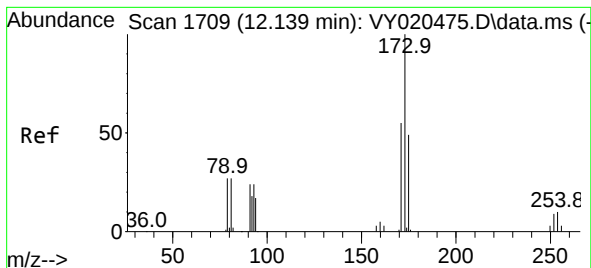
Ion Ratio Lower Upper

104 100

78 52.2 41.4 62.2

103 55.3 44.2 66.4





#71

Bromoform

Concen: 20.164 ug/l

RT: 12.139 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

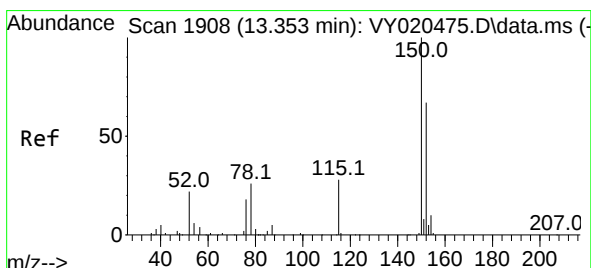
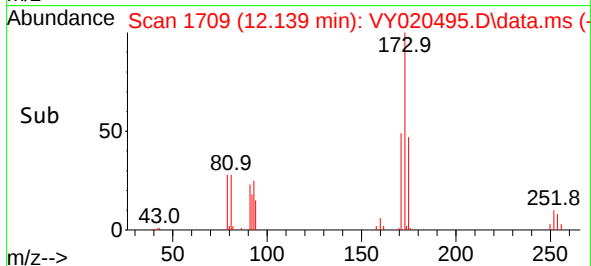
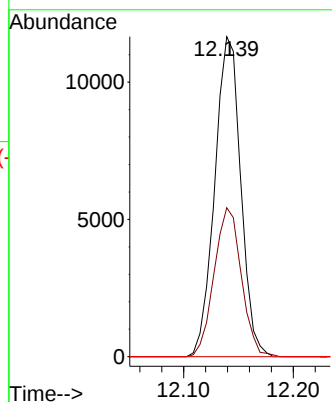
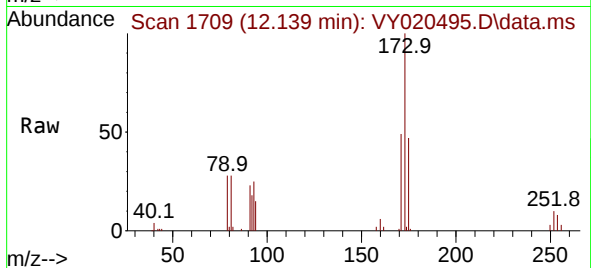
Tgt Ion:173 Resp: 19231

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

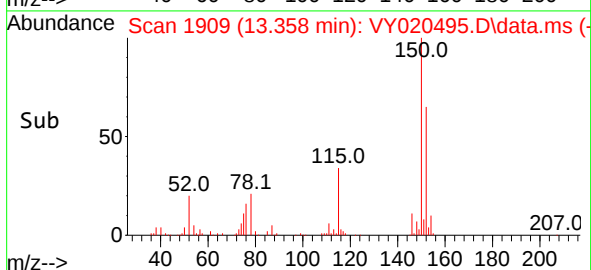
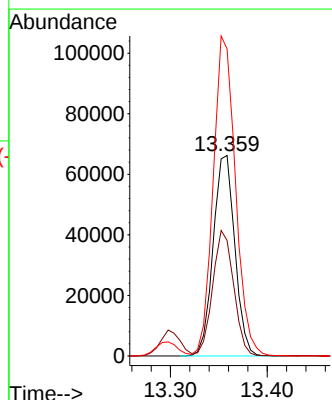
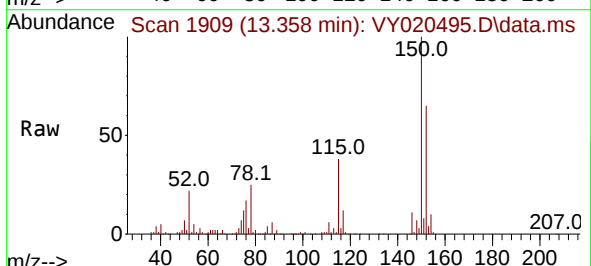
Tgt Ion:152 Resp: 103003

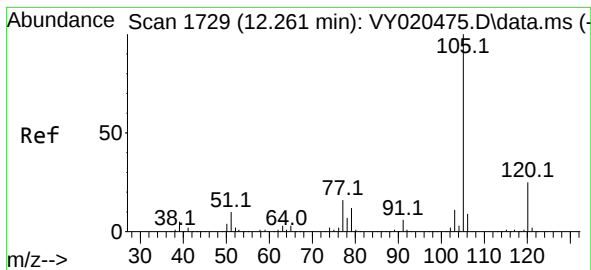
Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 164.1 0.0 348.2





#73

Isopropylbenzene

Concen: 17.747 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

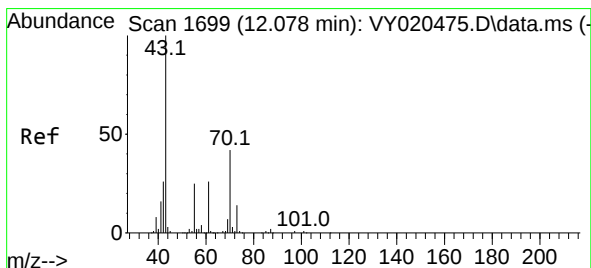
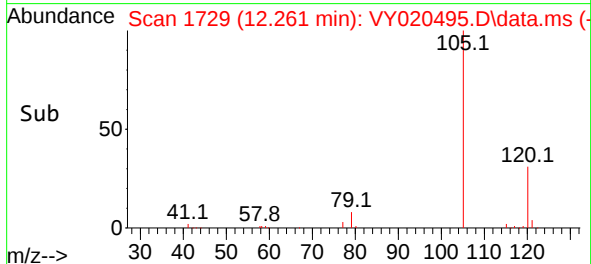
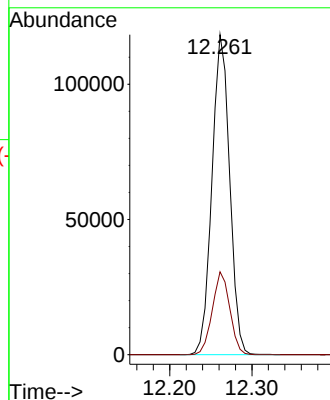
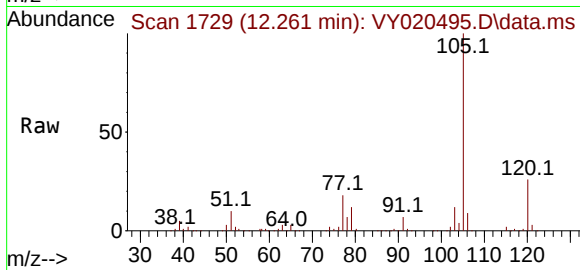
ClientSampleId :

Tgt Ion:105 Resp: 176864

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.1



#74

N-ethyl acetate

Concen: 18.662 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Tgt Ion: 43 Resp: 36453

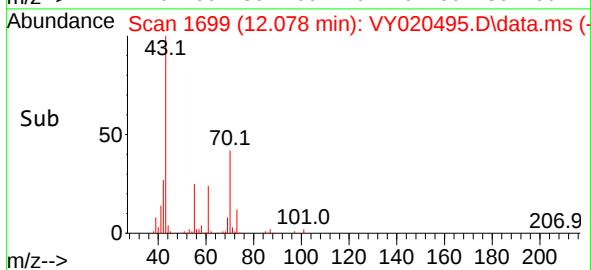
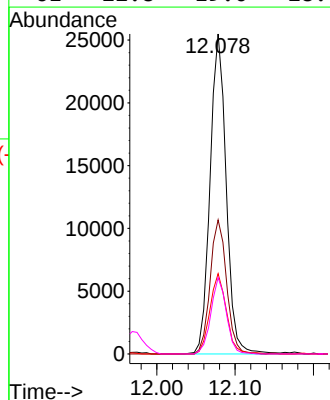
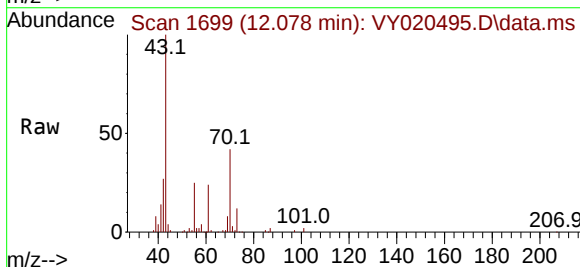
Ion Ratio Lower Upper

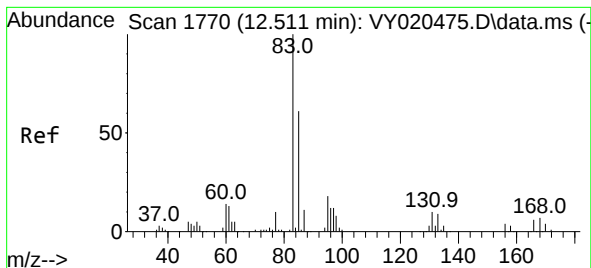
43 100

70 42.7 32.9 49.3

55 25.7 19.3 28.9

61 22.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.416 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

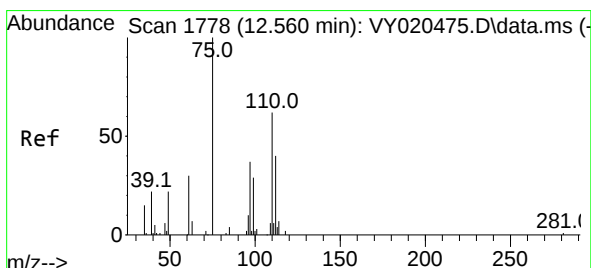
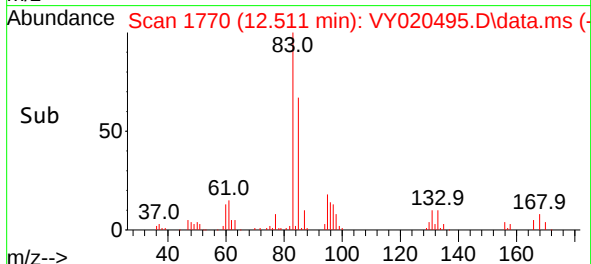
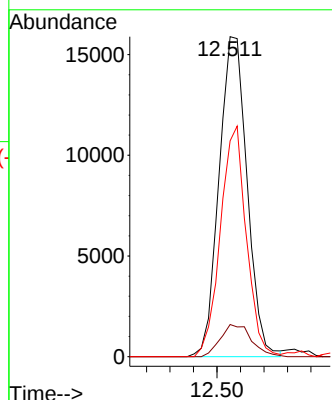
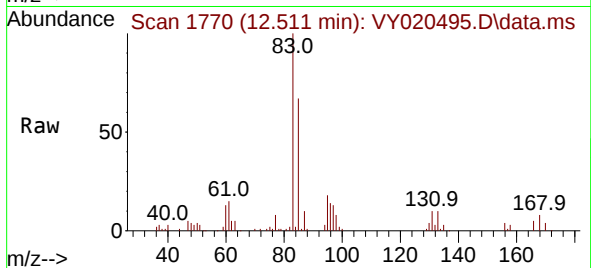
Tgt Ion: 83 Resp: 26394

Ion Ratio Lower Upper

83 100

131 11.1 4.8 14.4

85 66.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.845 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020495.D

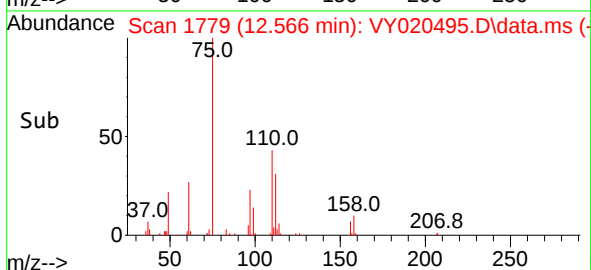
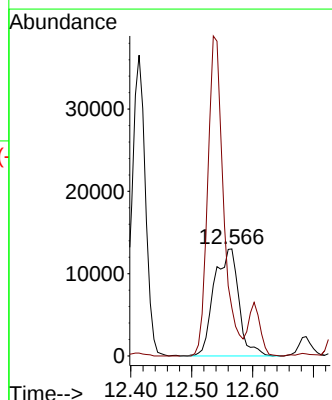
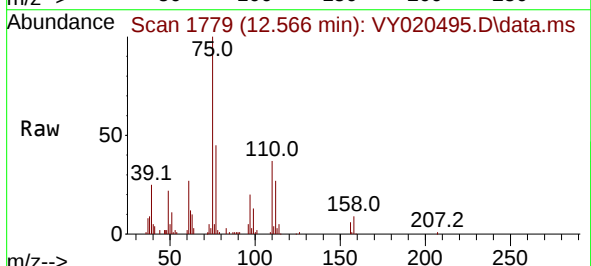
Acq: 03 Dec 2024 10:34

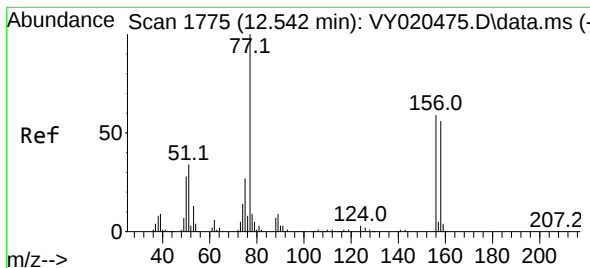
Tgt Ion: 75 Resp: 36562

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.136 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

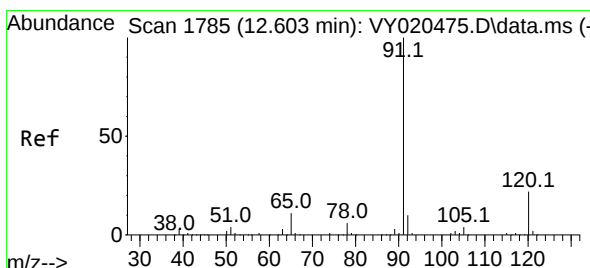
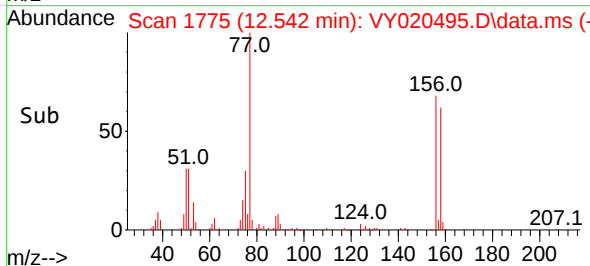
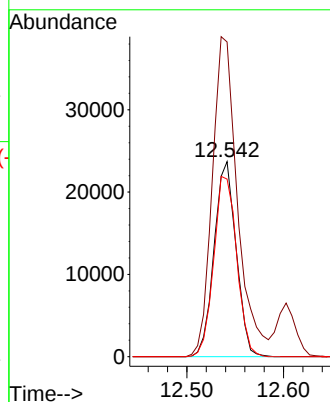
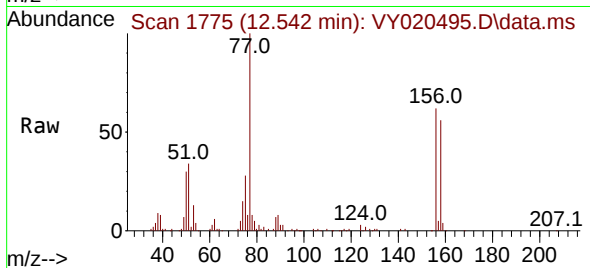
Tgt Ion:156 Resp: 37430

Ion Ratio Lower Upper

156 100

77 188.2 97.2 291.6

158 96.5 47.8 143.4



#78

n-propylbenzene

Concen: 17.926 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020495.D

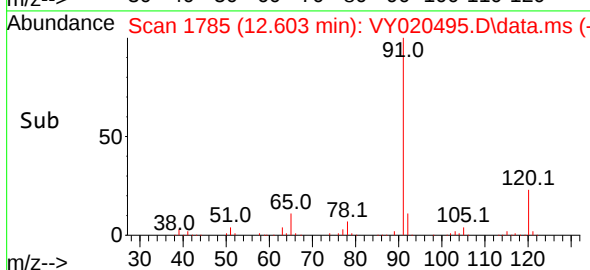
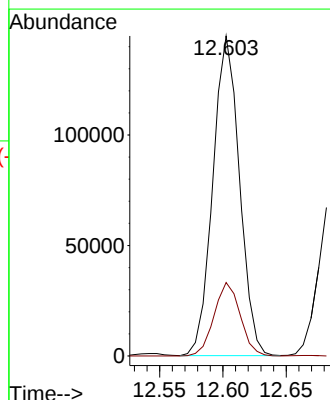
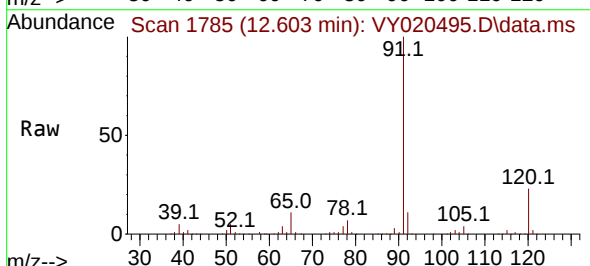
Acq: 03 Dec 2024 10:34

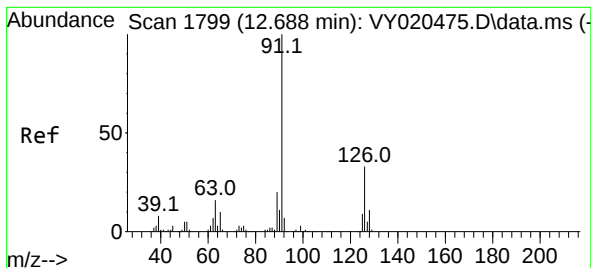
Tgt Ion: 91 Resp: 211522

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.6





#79

2-Chlorotoluene

Concen: 17.984 ug/l

RT: 12.688 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

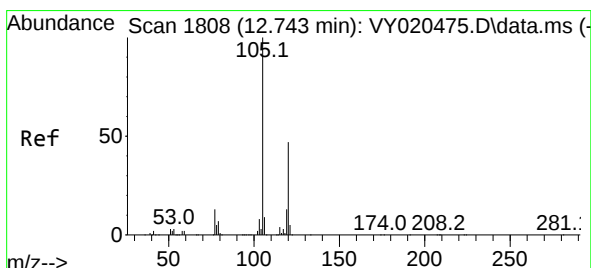
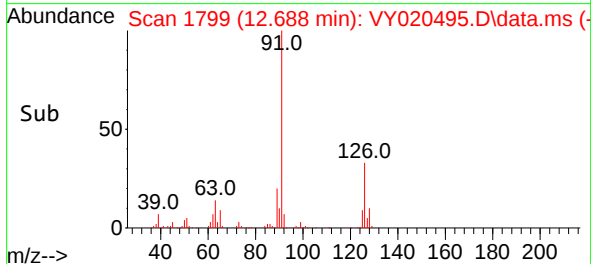
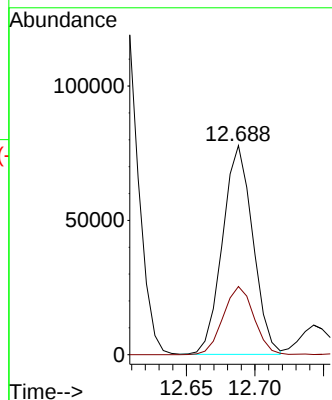
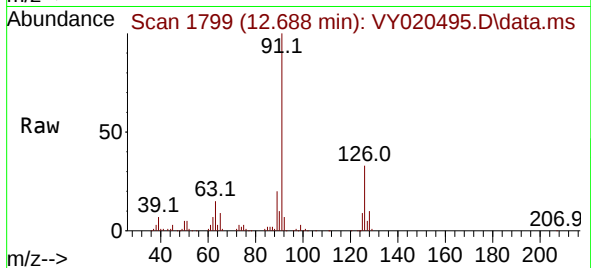
ClientSampleId :

Tgt Ion: 91 Resp: 119739

Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 18.126 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020495.D

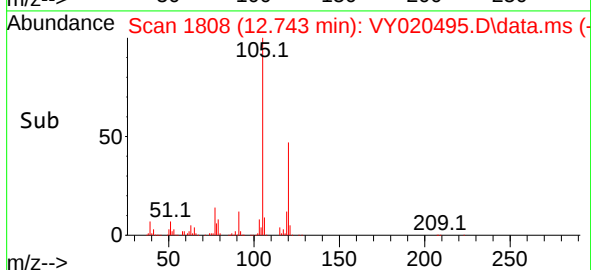
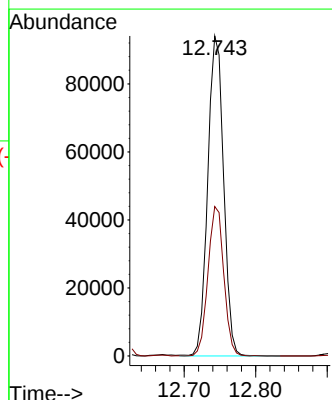
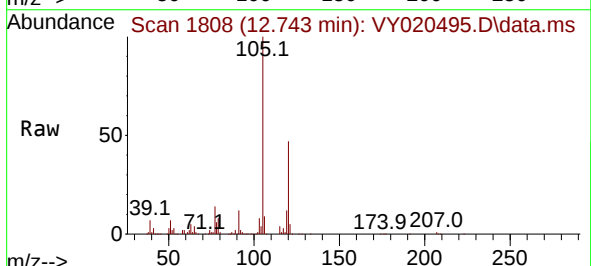
Acq: 03 Dec 2024 10:34

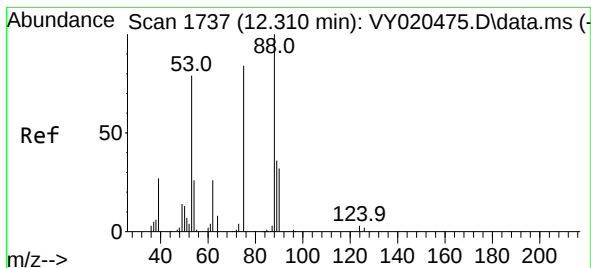
Tgt Ion:105 Resp: 144766

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.8

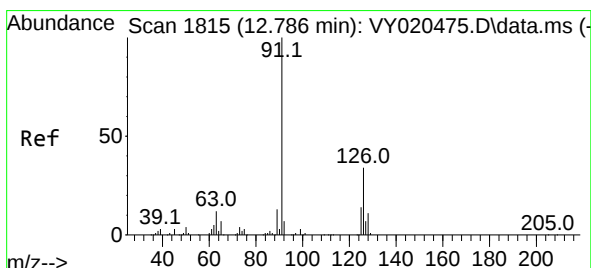
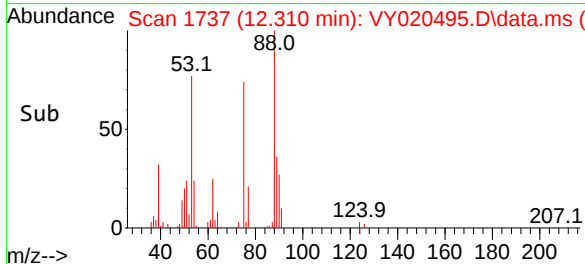
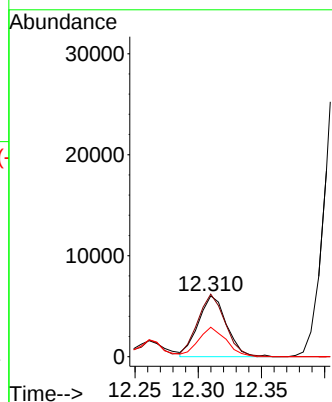
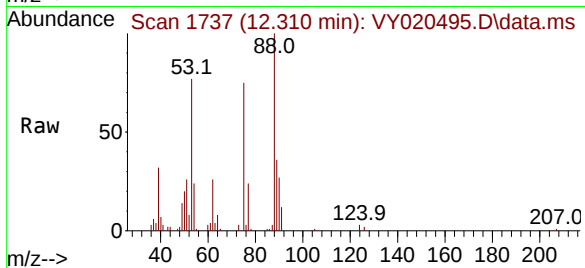




#81
trans-1,4-Dichloro-2-butene
Concen: 18.251 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

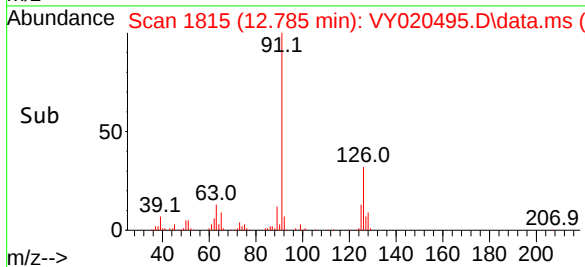
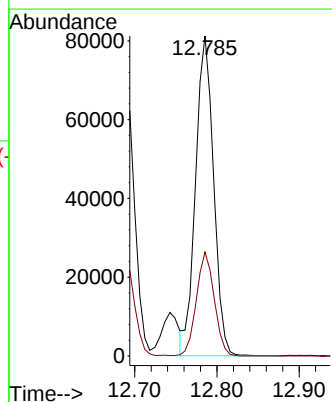
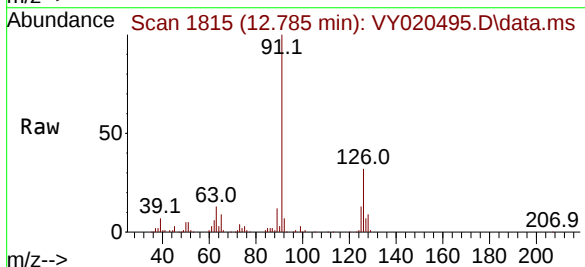
Instrument :
MSVOA_Y
ClientSampleId :

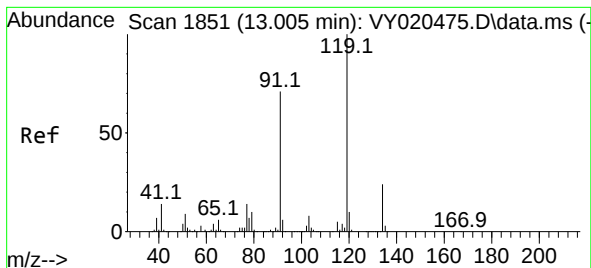
Tgt Ion: 75 Resp: 9333
Ion Ratio Lower Upper
75 100
53 101.9 81.1 121.7
89 47.3 35.1 52.7



#82
4-Chlorotoluene
Concen: 18.164 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 91 Resp: 123419
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.8





#83

tert-Butylbenzene

Concen: 18.168 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

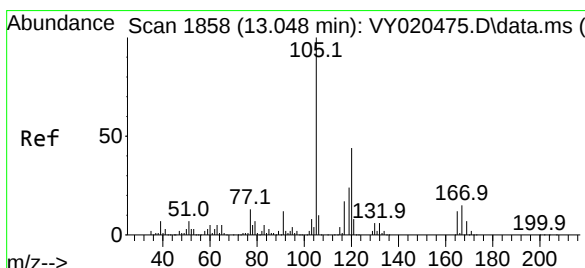
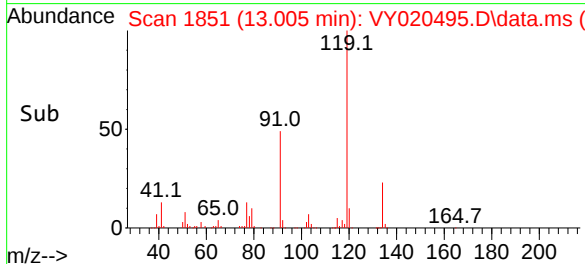
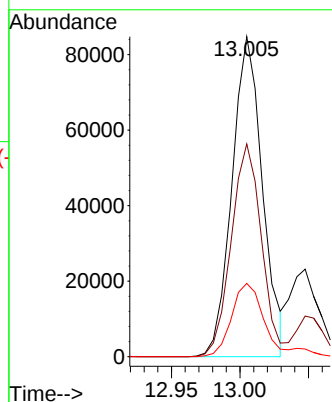
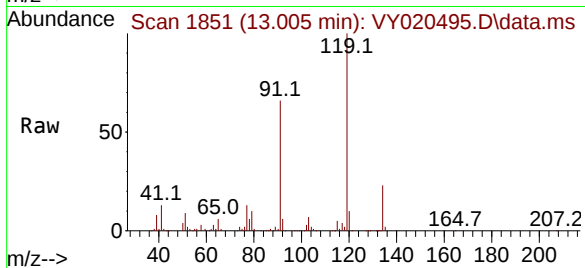
Tgt Ion:119 Resp: 131182

Ion Ratio Lower Upper

119 100

91 65.5 33.3 99.9

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.345 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020495.D

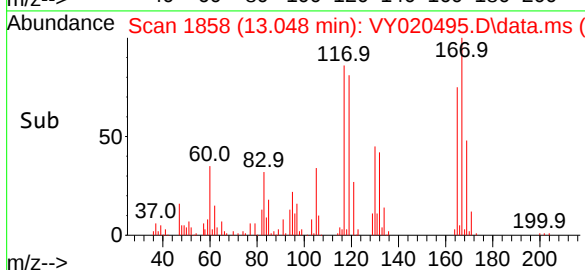
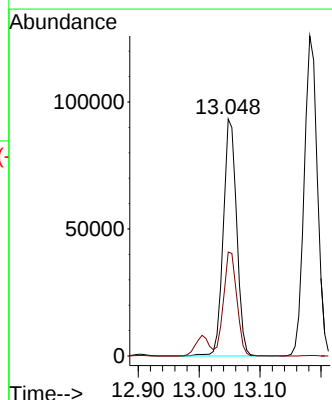
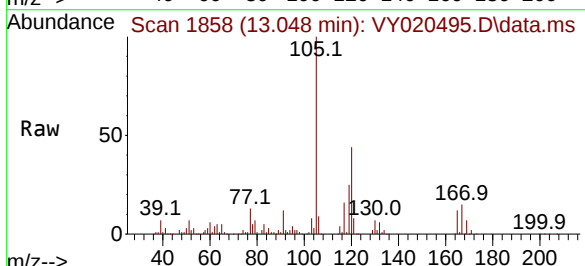
Acq: 03 Dec 2024 10:34

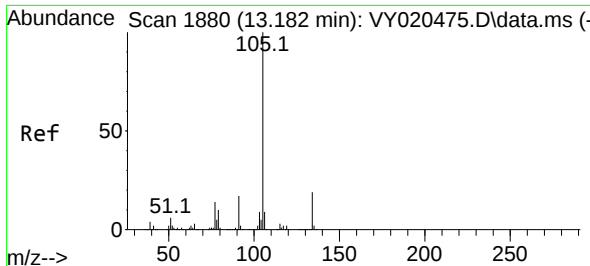
Tgt Ion:105 Resp: 142407

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0

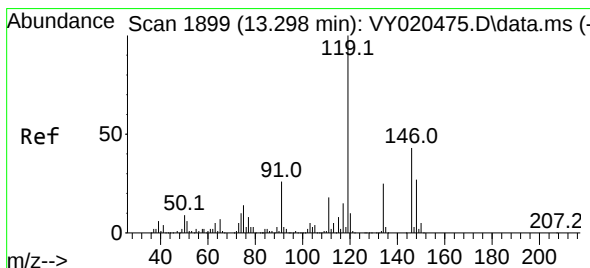
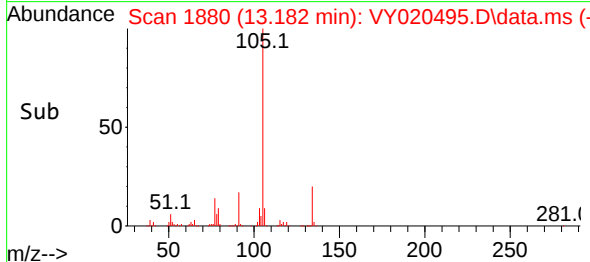
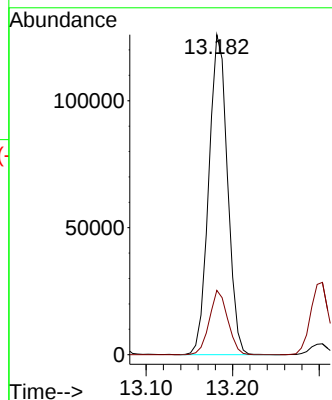
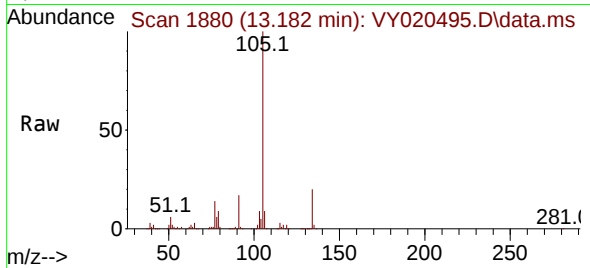




#85
 sec-Butylbenzene
 Concen: 18.256 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

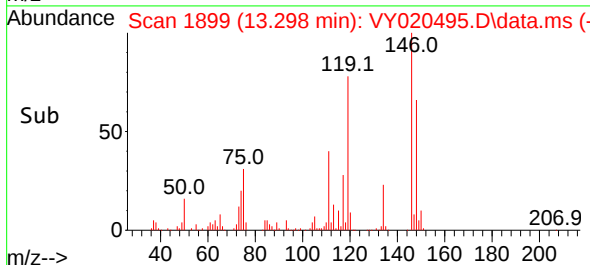
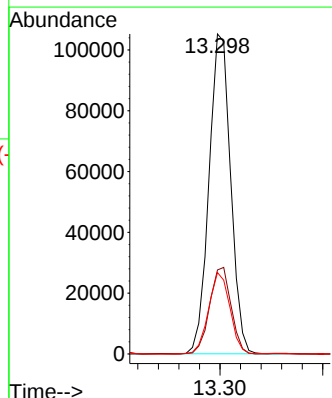
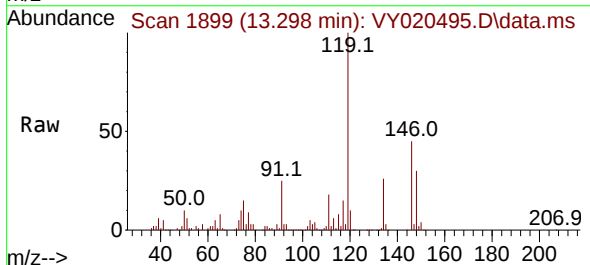
Instrument :
 MSVOA_Y
 ClientSampleId :

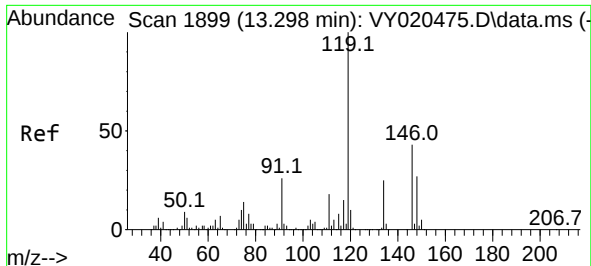
Tgt Ion:105 Resp: 188917
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 17.946 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020495.D
 Acq: 03 Dec 2024 10:34

Tgt Ion:119 Resp: 153464
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.4
 91 25.1 12.3 36.8

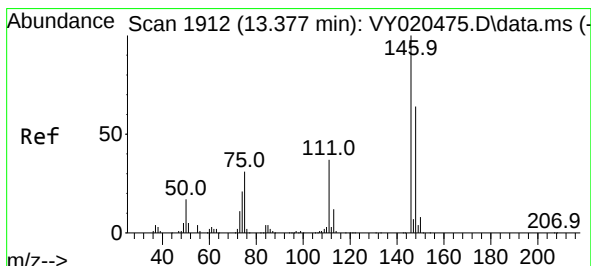
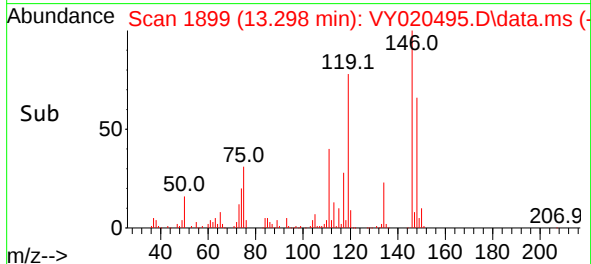
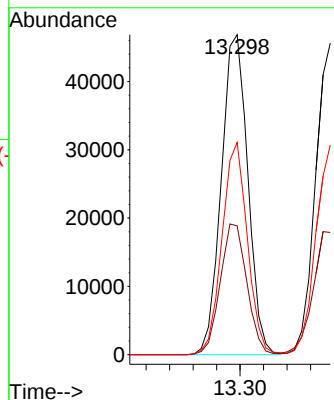
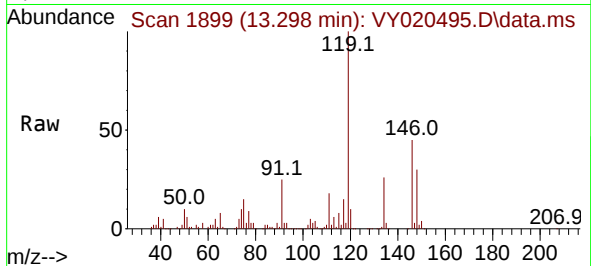




#87
1,3-Dichlorobenzene
Concen: 18.433 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

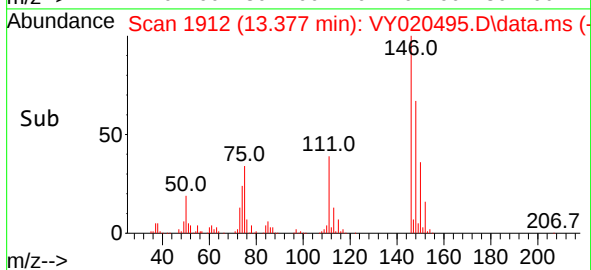
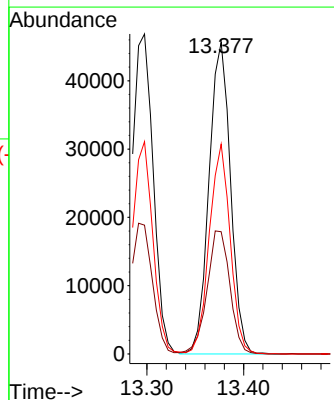
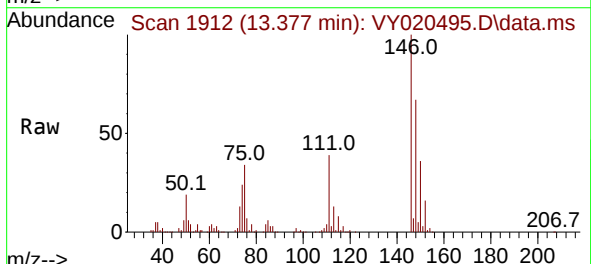
Instrument :
MSVOA_Y
ClientSampleId :

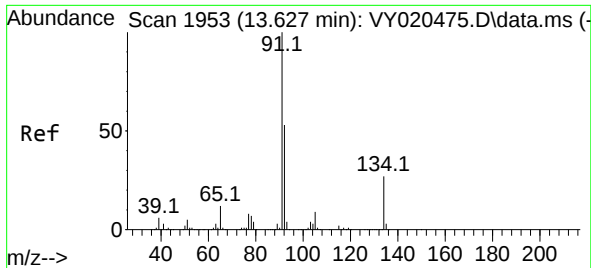
Tgt Ion:146 Resp: 73369
Ion Ratio Lower Upper
146 100
111 41.2 20.5 61.6
148 63.6 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 18.080 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion:146 Resp: 70450
Ion Ratio Lower Upper
146 100
111 42.3 19.9 59.6
148 65.5 32.0 96.2

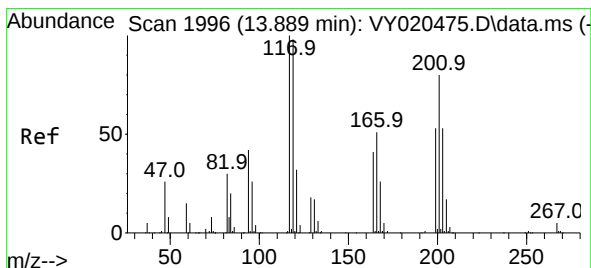
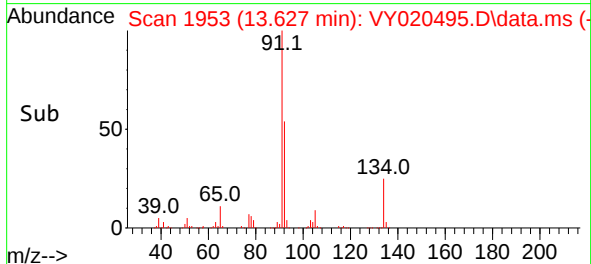
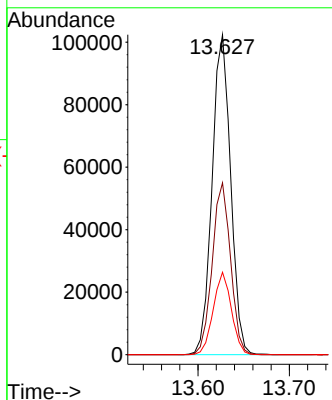
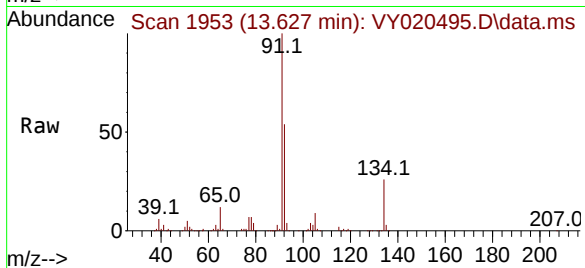




#89
n-Butylbenzene
Concen: 18.187 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

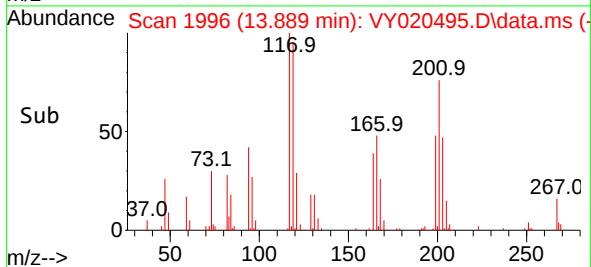
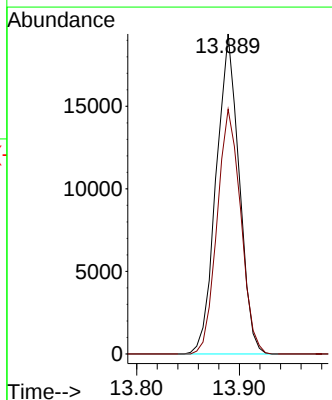
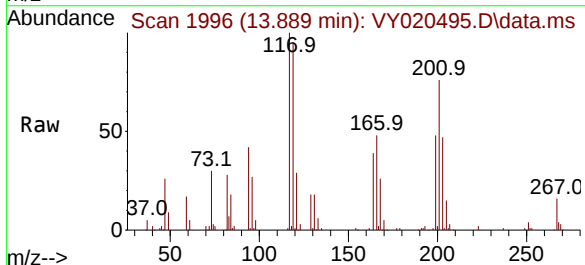
Instrument :
MSVOA_Y
ClientSampleId :

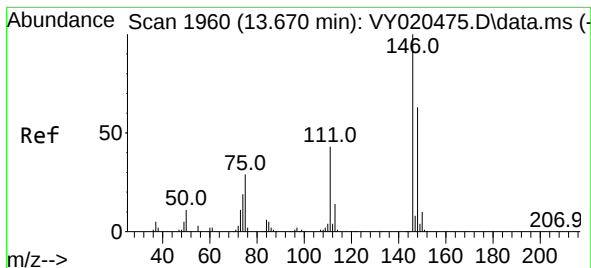
Tgt Ion: 91 Resp: 144244
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 25.3 12.2 36.4



#90
Hexachloroethane
Concen: 18.016 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY020495.D
Acq: 03 Dec 2024 10:34

Tgt Ion: 117 Resp: 30024
Ion Ratio Lower Upper
117 100
201 78.7 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 18.500 ug/l

RT: 13.669 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

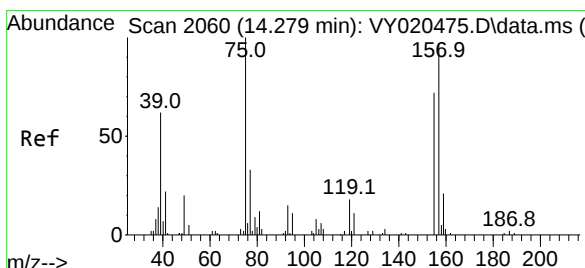
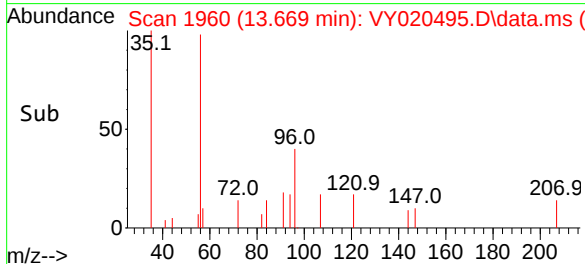
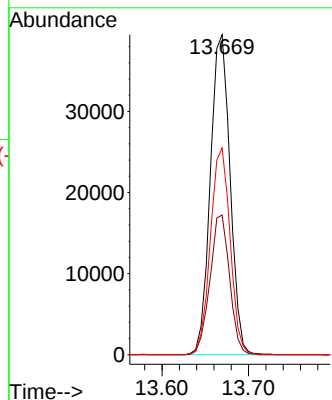
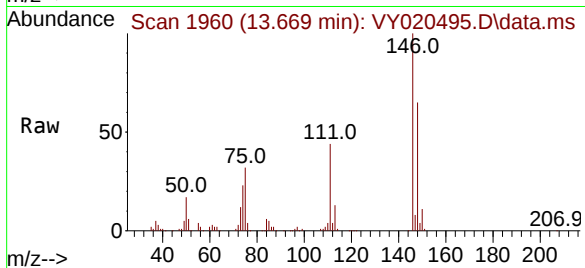
Tgt Ion:146 Resp: 62447

Ion Ratio Lower Upper

146 100

111 43.4 20.8 62.5

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.630 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

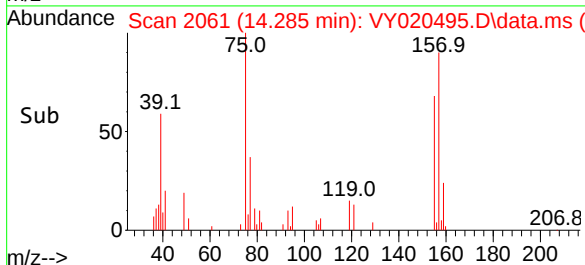
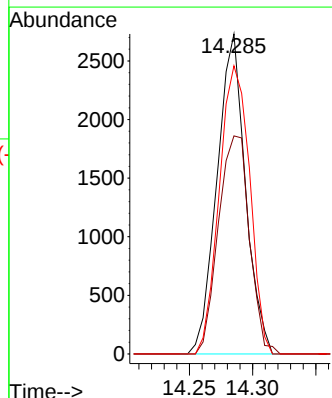
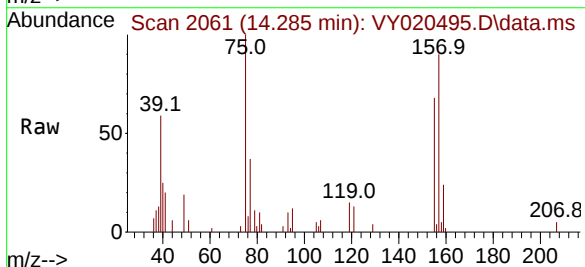
Tgt Ion: 75 Resp: 4259

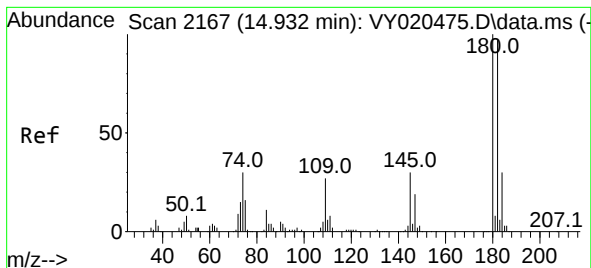
Ion Ratio Lower Upper

75 100

155 74.3 39.7 119.1

157 96.4 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 17.943 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

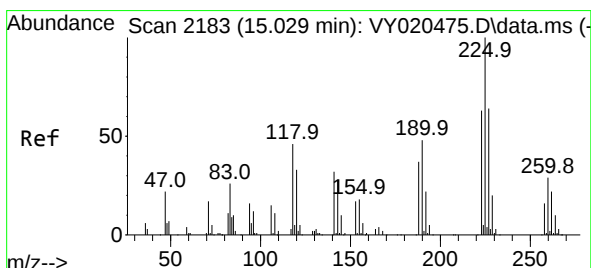
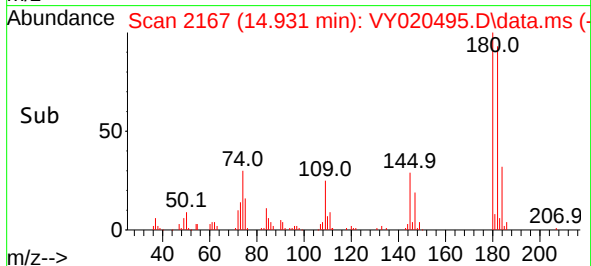
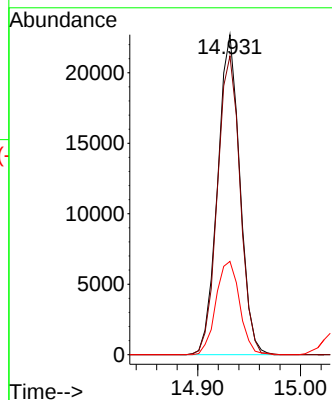
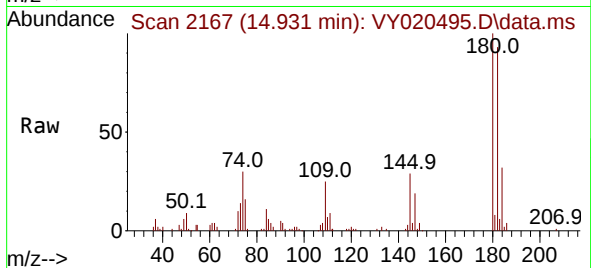
Tgt Ion:180 Resp: 34057

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.8

145 31.1 15.8 47.3



#94

Hexachlorobutadiene

Concen: 18.376 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

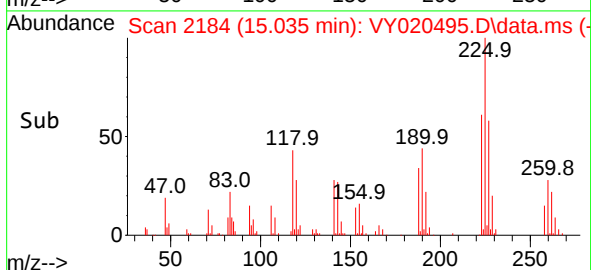
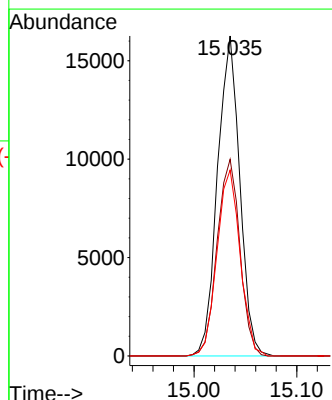
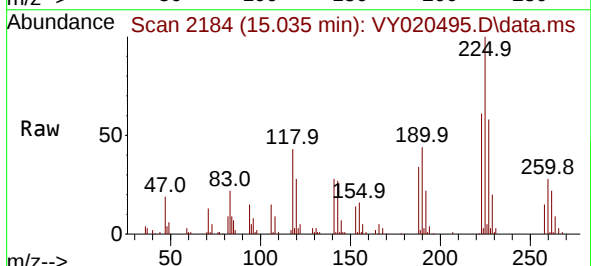
Tgt Ion:225 Resp: 24400

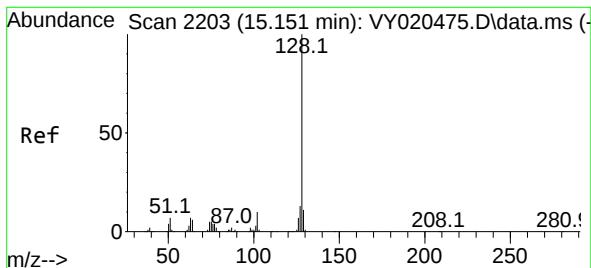
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.5

227 60.5 32.3 96.8





#95

Naphthalene

Concen: 18.378 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_Y

ClientSampleId :

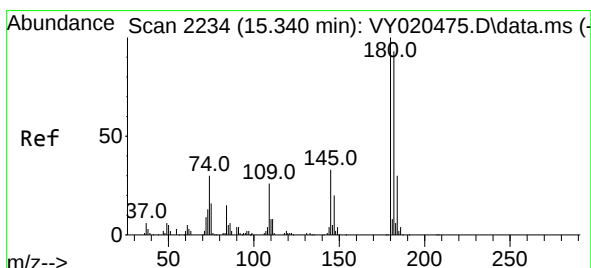
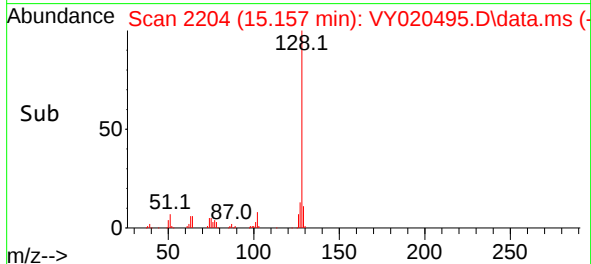
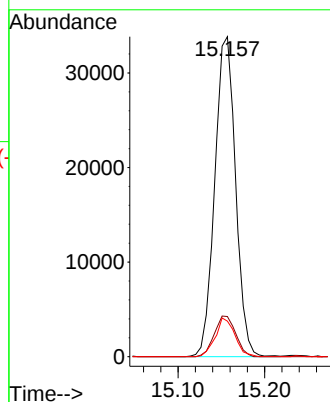
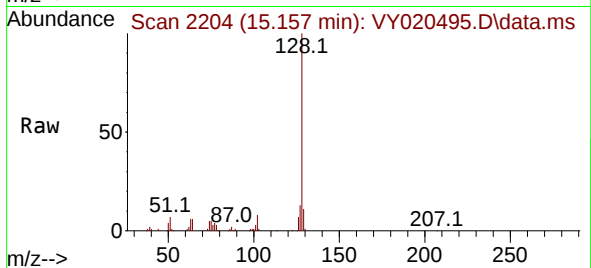
Tgt Ion:128 Resp: 56448

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.487 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020495.D

Acq: 03 Dec 2024 10:34

Tgt Ion:180 Resp: 28313

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 32.4 16.9 50.6

