

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022456.D
 Acq On : 29 May 2025 09:50
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Quant Time: May 30 05:30:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	205776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	359832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	305847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	119518	55.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.280%	
35) Dibromofluoromethane	7.640	113	110555	52.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.109	98	443079	51.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.408	95	129686	49.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	45950	23.405	ug/l	96
3) Chloromethane	2.068	50	127635	26.430	ug/l	99
4) Vinyl Chloride	2.208	62	143639	24.484	ug/l	98
5) Bromomethane	2.598	94	153498	28.792	ug/l	96
6) Chloroethane	2.739	64	103463	26.988	ug/l	99
7) Trichlorofluoromethane	3.050	101	125182	25.290	ug/l	97
8) Diethyl Ether	3.458	74	27089	23.735	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	46248	21.297	ug/l	100
10) Methyl Iodide	4.007	142	52695	21.509	ug/l	98
11) Tert butyl alcohol	4.897	59	18285	119.684	ug/l	99
12) 1,1-Dichloroethene	3.793	96	47557	22.059	ug/l	96
13) Acrolein	3.659	56	23667	103.387	ug/l	99
14) Allyl chloride	4.391	41	72904	22.480	ug/l	98
15) Acrylonitrile	5.068	53	53746	116.830	ug/l	100
16) Acetone	3.885	43	41379	116.179	ug/l	96
17) Carbon Disulfide	4.110	76	148882	21.639	ug/l	99
18) Methyl Acetate	4.391	43	33619	25.198	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	131747	23.017	ug/l	99
20) Methylene Chloride	4.629	84	53789	21.387	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	51482	21.873	ug/l	97
22) Diisopropyl ether	6.025	45	161945	22.626	ug/l	98
23) Vinyl Acetate	5.970	43	456630	111.108	ug/l	98
24) 1,1-Dichloroethane	5.921	63	96288	22.766	ug/l	99
25) 2-Butanone	6.903	43	68030	114.690	ug/l	99
26) 2,2-Dichloropropane	6.890	77	81729	21.341	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	59568	21.861	ug/l	99
28) Bromochloromethane	7.256	49	38824	21.983	ug/l	100
29) Tetrahydrofuran	7.274	42	46439	117.391	ug/l	98
30) Chloroform	7.427	83	94926	22.777	ug/l	98
31) Cyclohexane	7.707	56	86206	20.677	ug/l #	93
32) 1,1,1-Trichloroethane	7.622	97	81565	21.565	ug/l	98
36) 1,1-Dichloropropene	7.841	75	69669	20.835	ug/l	100
37) Ethyl Acetate	6.994	43	31627	22.255	ug/l	96
38) Carbon Tetrachloride	7.823	117	71355	20.484	ug/l	94
39) Methylcyclohexane	9.116	83	88788	19.975	ug/l	97
40) Benzene	8.085	78	212449	21.352	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	17862	20.709	ug/l	89
42) 1,2-Dichloroethane	8.165	62	57566	21.906	ug/l	100
43) Isopropyl Acetate	8.201	43	68235	21.973	ug/l #	87
44) Trichloroethene	8.872	130	51499	20.937	ug/l	98
45) 1,2-Dichloropropane	9.146	63	51267	21.930	ug/l	96
46) Dibromomethane	9.238	93	28152	21.556	ug/l	98
47) Bromodichloromethane	9.427	83	72157	21.486	ug/l	99
48) Methyl methacrylate	9.225	41	31618	21.934	ug/l	100
49) 1,4-Dioxane	9.238	88	6628	459.490	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	169643	110.718	ug/l	100
52) Toluene	10.176	92	127807	20.565	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	66189	21.159	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	77958	21.209	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	35077	21.244	ug/l	95
56) Ethyl methacrylate	10.445	69	50615	21.361	ug/l	97
57) 1,3-Dichloropropane	10.719	76	62576	21.506	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	124329	105.282	ug/l	98
59) 2-Hexanone	10.768	43	112377	111.915	ug/l	100
60) Dibromochloromethane	10.914	129	44484	21.090	ug/l	98
61) 1,2-Dibromoethane	11.018	107	32567	21.565	ug/l	100
64) Tetrachloroethene	10.652	164	54451	20.904	ug/l	97
65) Chlorobenzene	11.444	112	136170	20.880	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	45682	20.674	ug/l	98
67) Ethyl Benzene	11.524	91	245127	20.243	ug/l	99
68) m/p-Xylenes	11.633	106	183812	40.037	ug/l	100
69) o-Xylene	11.957	106	87779	20.343	ug/l	100
70) Styrene	11.975	104	146742	20.424	ug/l	100
71) Bromoform	12.133	173	24149	20.865	ug/l #	97
73) Isopropylbenzene	12.255	105	226043	20.435	ug/l	99
74) N-amyl acetate	12.072	43	58739	21.701	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	37969	21.786	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	54585	38.773	ug/l #	100
77) Bromobenzene	12.536	156	48852	20.522	ug/l	96
78) n-propylbenzene	12.597	91	274435	20.673	ug/l	98
79) 2-Chlorotoluene	12.682	91	148607	20.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	179270	20.742	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	13230	21.252	ug/l	99
82) 4-Chlorotoluene	12.780	91	152410	20.594	ug/l	99
83) tert-Butylbenzene	12.999	119	157690	20.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	178877	20.566	ug/l	100
85) sec-Butylbenzene	13.176	105	238715	20.613	ug/l	100
86) p-Isopropyltoluene	13.292	119	196000	20.268	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	97966	20.454	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	97065	21.194	ug/l	99
89) n-Butylbenzene	13.621	91	188466	20.785	ug/l	100
90) Hexachloroethane	13.883	117	40139	20.858	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	84578	21.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6003	22.291	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	48125	21.699	ug/l	97
94) Hexachlorobutadiene	15.023	225	24884	21.380	ug/l	97
95) Naphthalene	15.145	128	91603	22.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	39958	21.968	ug/l	97

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QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

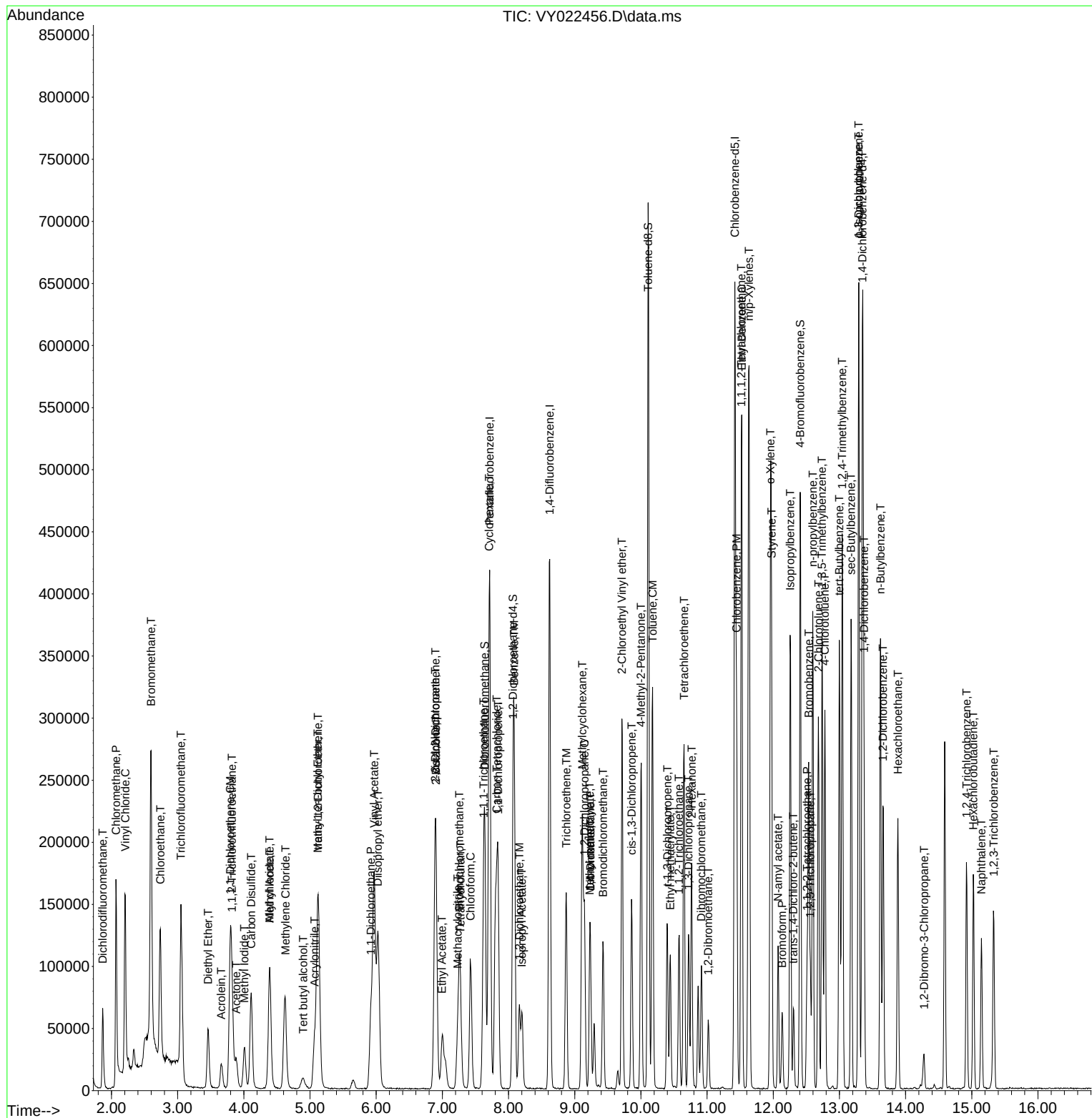
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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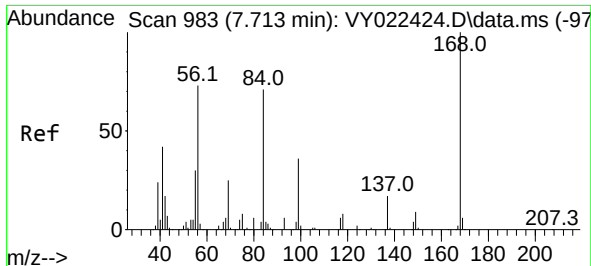
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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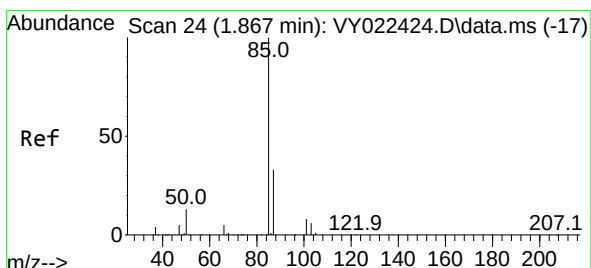
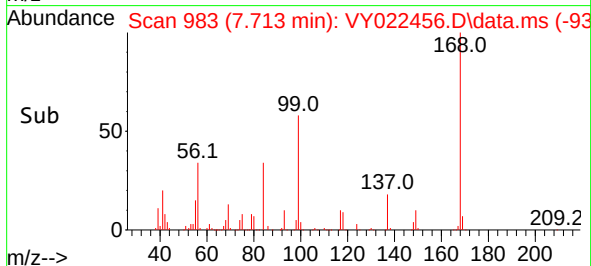
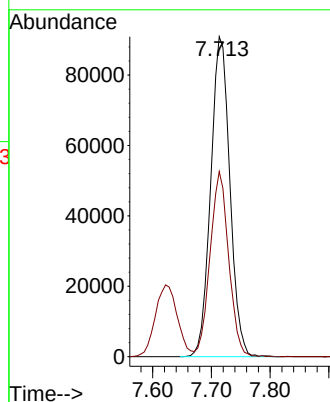
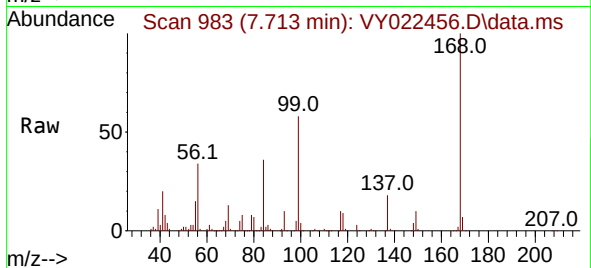




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022456.D
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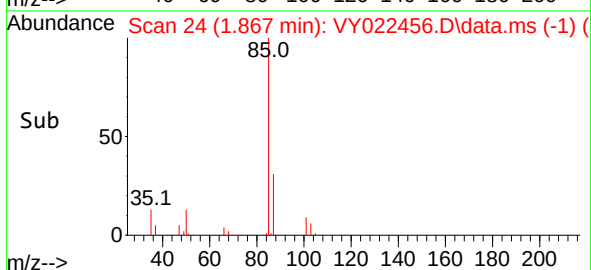
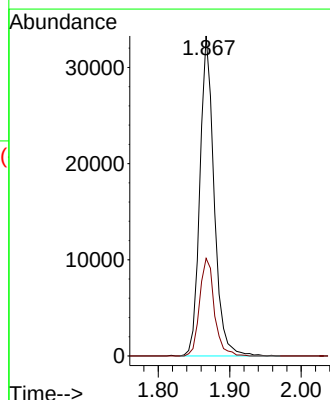
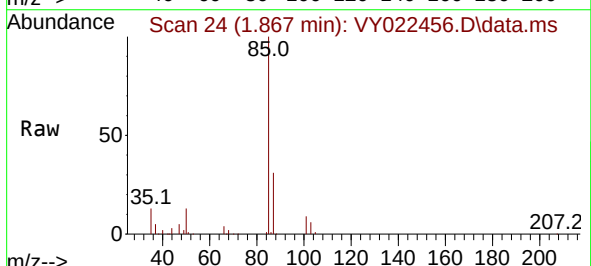
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

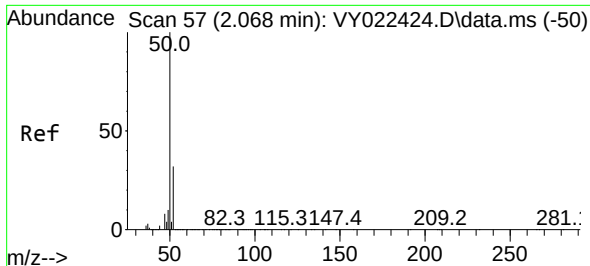
Tgt Ion:168 Resp: 205776
Ion Ratio Lower Upper
168 100
99 57.8 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 23.405 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 85 Resp: 45950
Ion Ratio Lower Upper
85 100
87 30.5 16.4 49.2

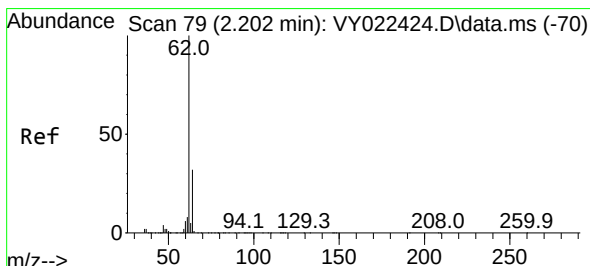
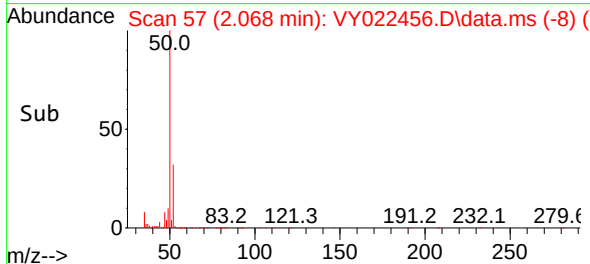
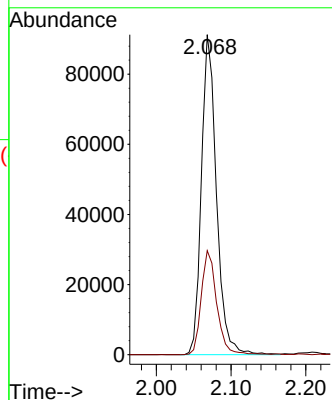
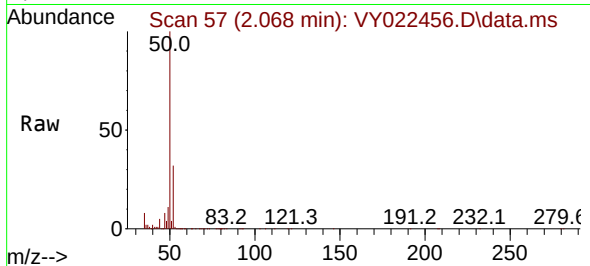




#3
Chloromethane
Concen: 26.430 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

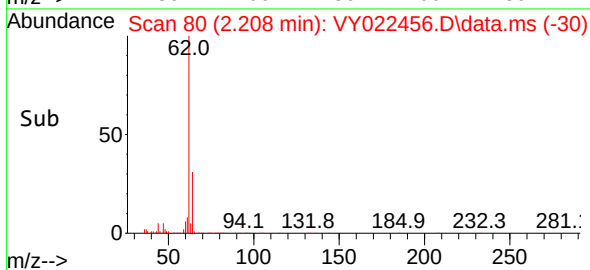
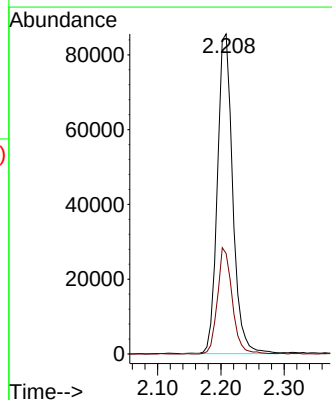
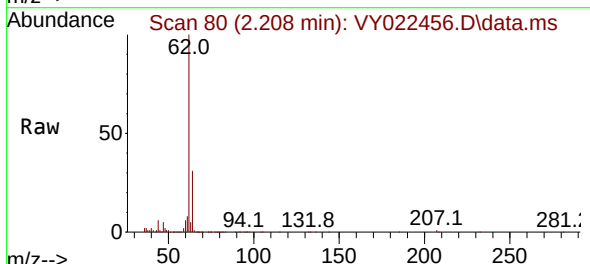
Instrument :
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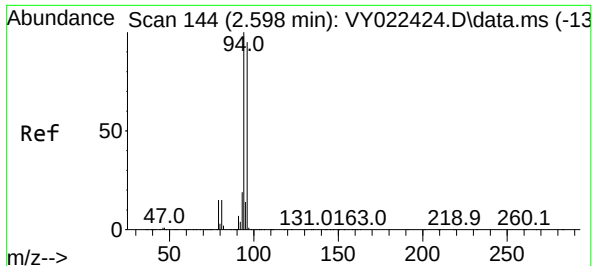
Tgt Ion: 50 Resp: 127635
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 24.484 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 62 Resp: 143639
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

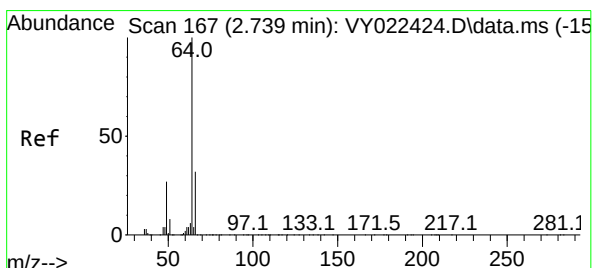
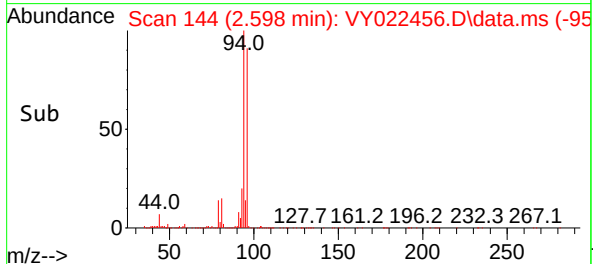
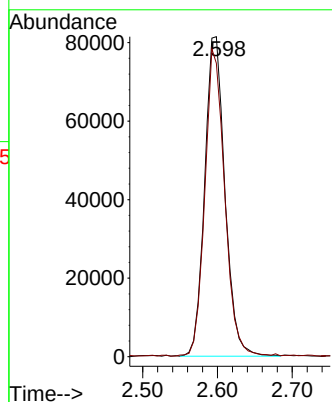
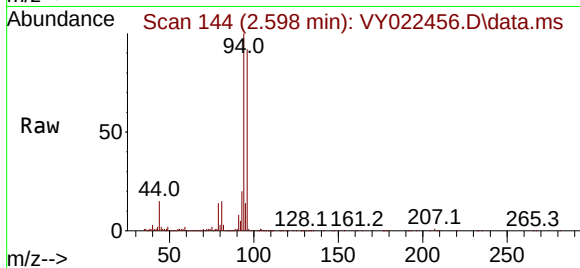




#5
Bromomethane
Concen: 28.792 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

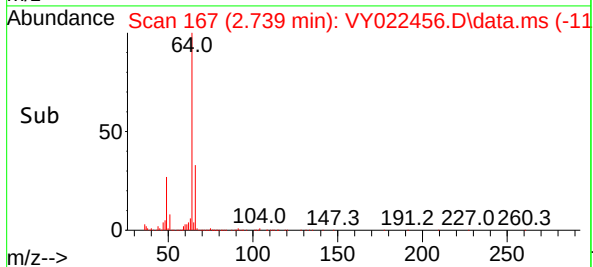
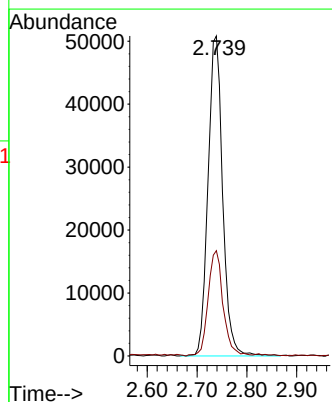
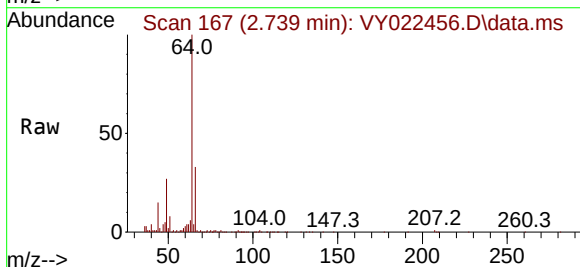
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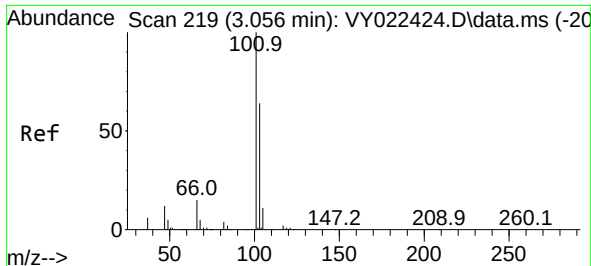
Tgt Ion: 94 Resp: 153498
Ion Ratio Lower Upper
94 100
96 91.5 76.0 114.0



#6
Chloroethane
Concen: 26.988 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 64 Resp: 103463
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9

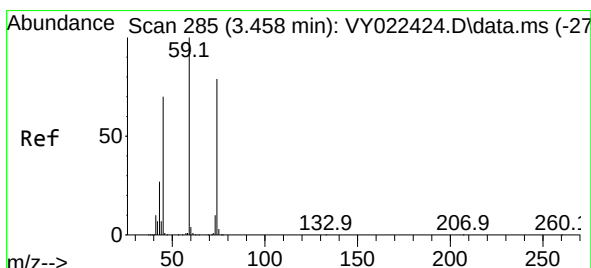
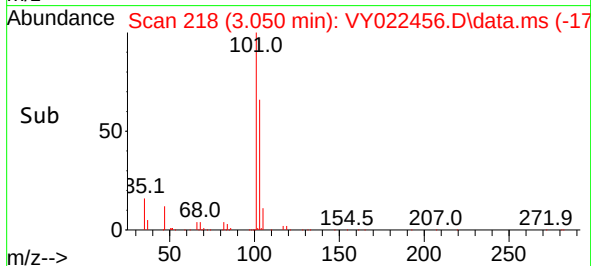
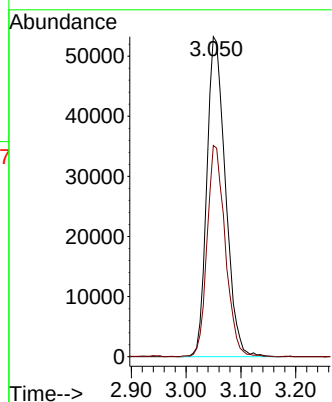
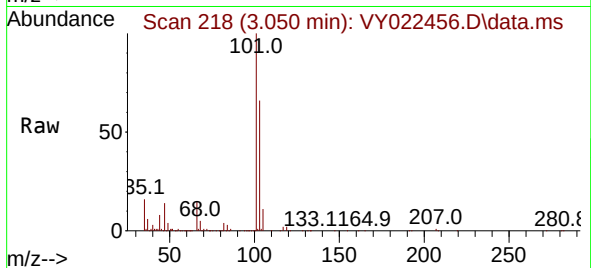




#7
 Trichlorofluoromethane
 Concen: 25.290 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

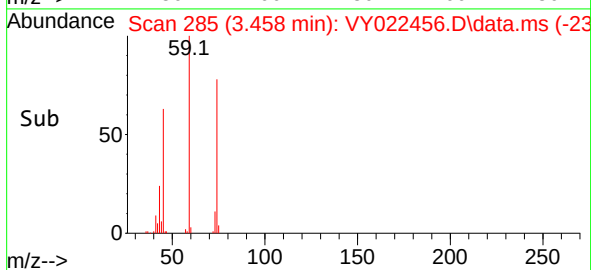
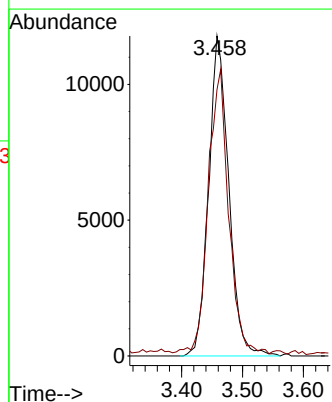
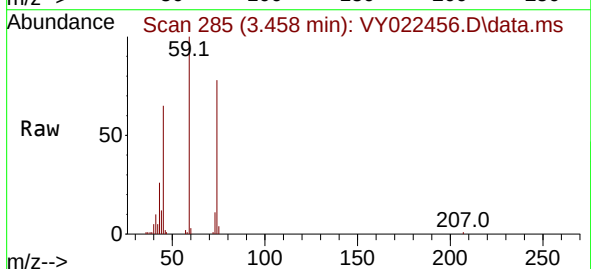
Instrument :
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 ClientSampleId :
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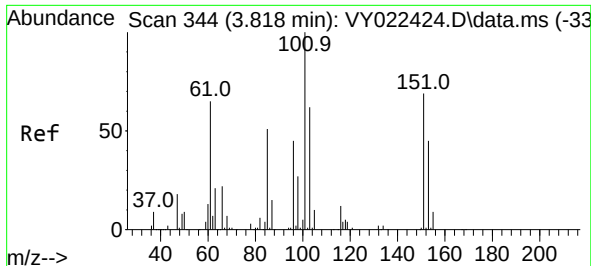
Tgt Ion:101 Resp: 125182
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.9 76.3



#8
 Diethyl Ether
 Concen: 23.735 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 27089
 Ion Ratio Lower Upper
 74 100
 45 89.9 44.9 134.5

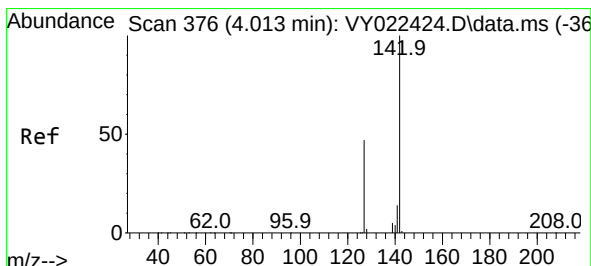
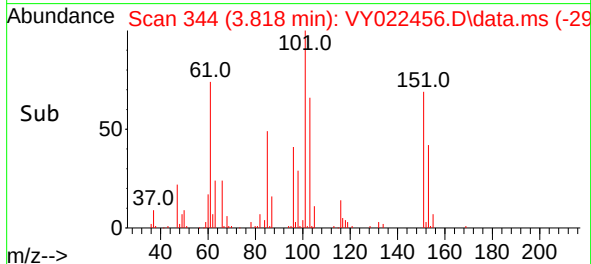
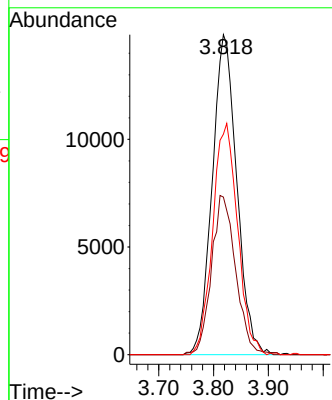
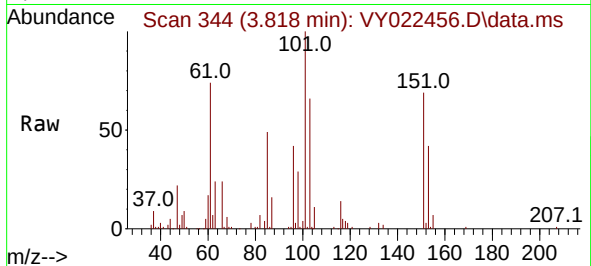




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.297 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

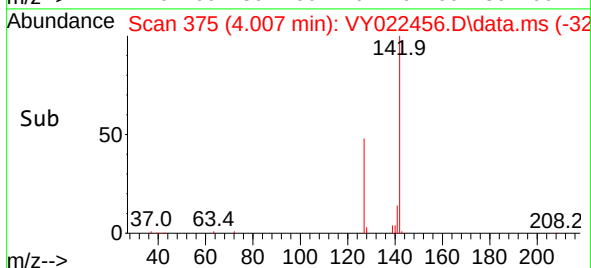
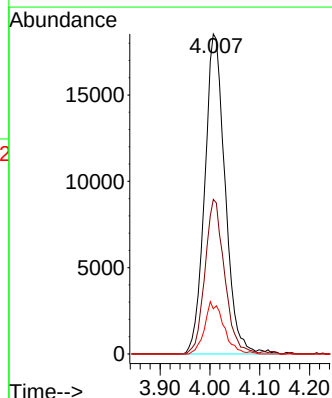
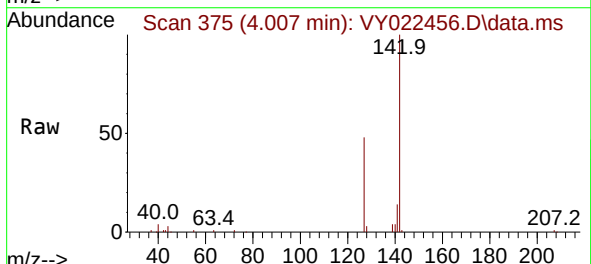
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

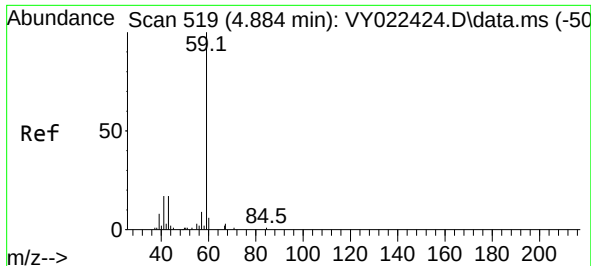
Tgt Ion:101 Resp: 46248
Ion Ratio Lower Upper
101 100
85 49.0 39.2 58.8
151 73.2 58.8 88.2



#10
Methyl Iodide
Concen: 21.509 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion:142 Resp: 52695
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.4
141 15.5 11.6 17.4

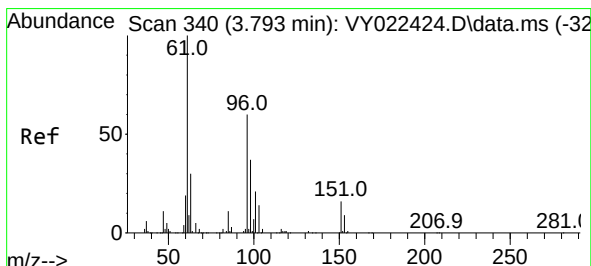
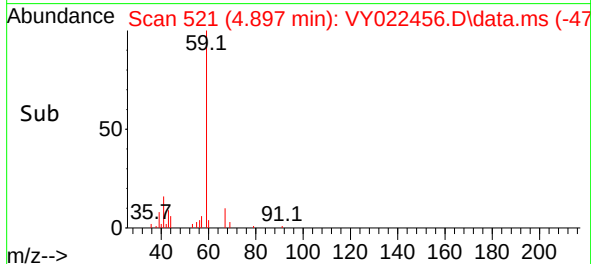
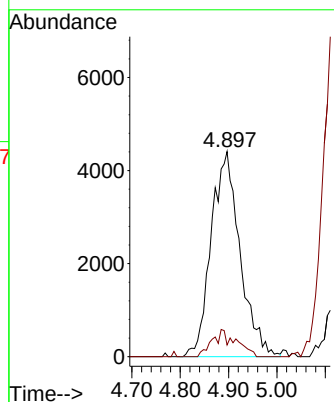
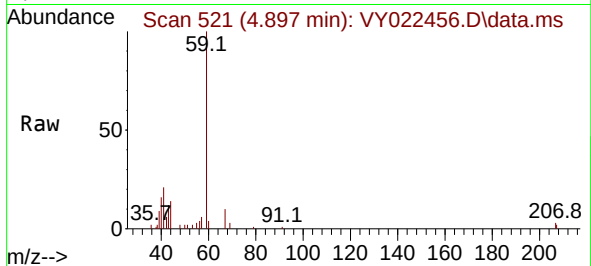




#11
Tert butyl alcohol
Concen: 119.684 ug/l
RT: 4.897 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

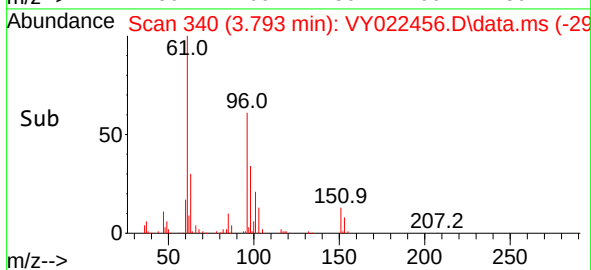
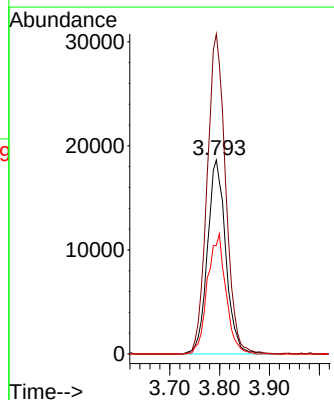
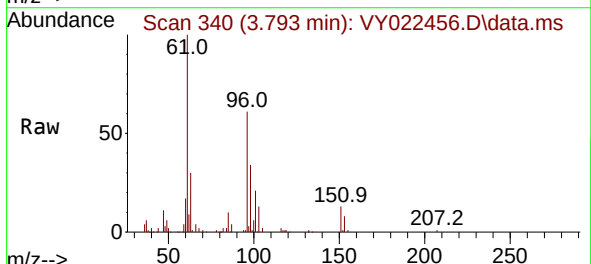
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

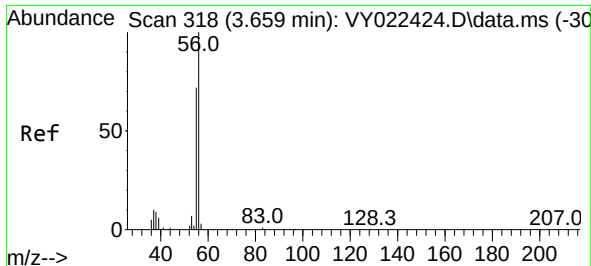
Tgt Ion: 59 Resp: 18285
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7



#12
1,1-Dichloroethene
Concen: 22.059 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 96 Resp: 47557
Ion Ratio Lower Upper
96 100
61 165.0 134.1 201.1
98 55.9 50.2 75.2





#13

Acrolein

Concen: 103.387 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

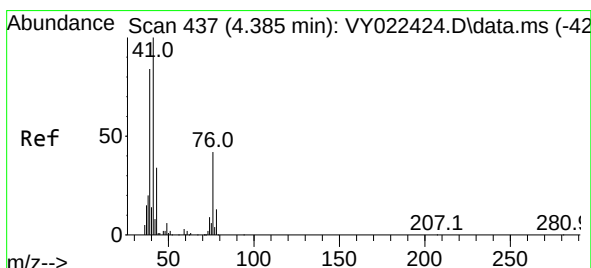
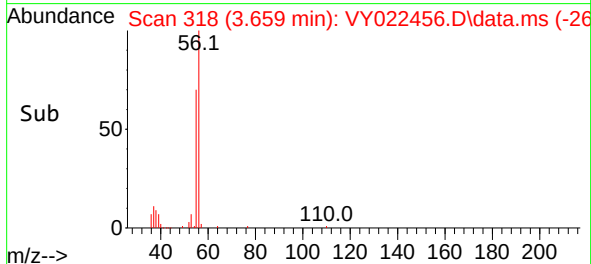
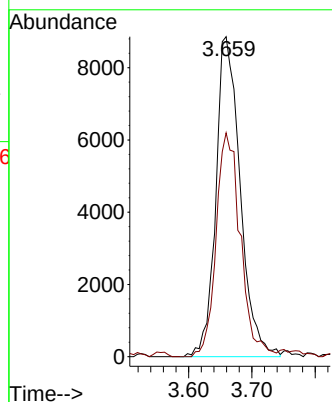
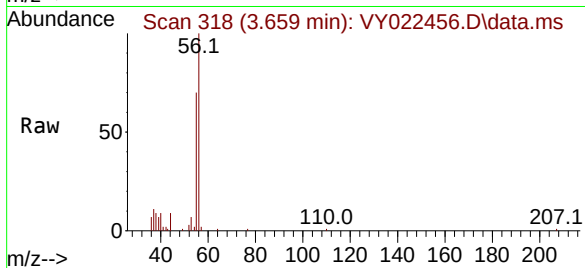
VY0529SBS01

Tgt Ion: 56 Resp: 23667

Ion Ratio Lower Upper

56 100

55 69.6 56.5 84.7



#14

Allyl chloride

Concen: 22.480 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

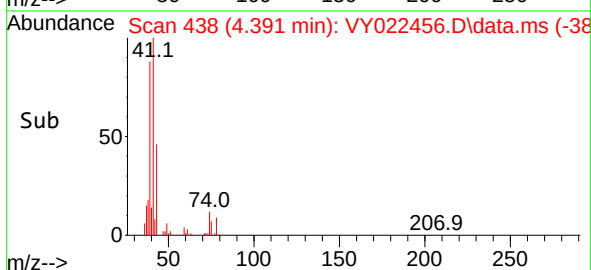
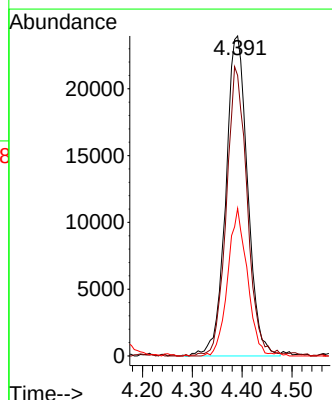
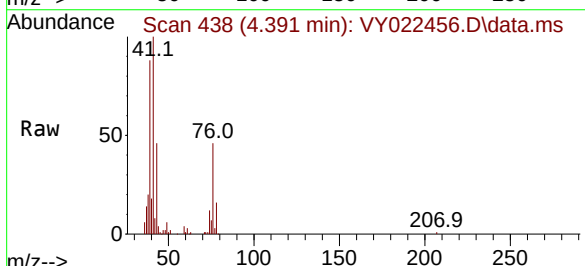
Tgt Ion: 41 Resp: 72904

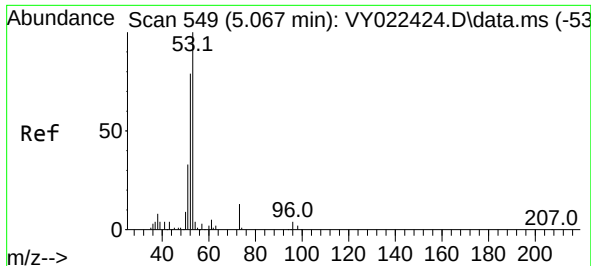
Ion Ratio Lower Upper

41 100

39 86.0 66.6 100.0

76 41.2 33.7 50.5

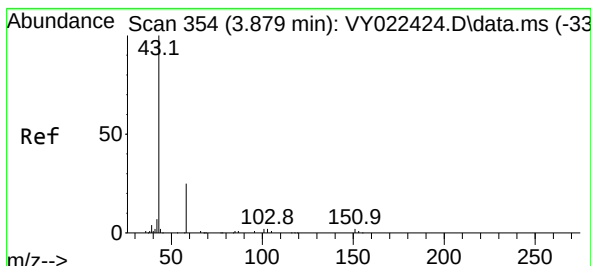
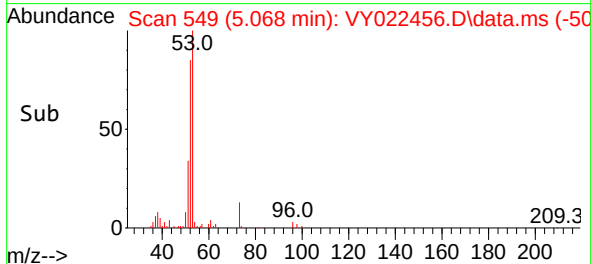
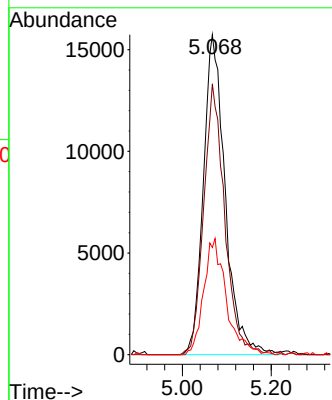
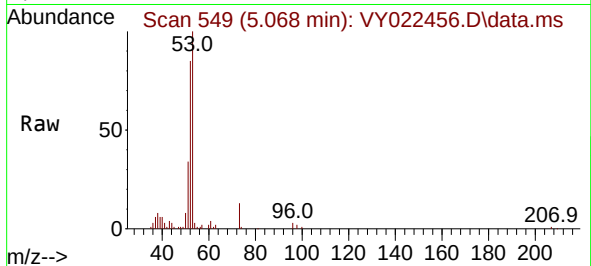




#15
Acrylonitrile
Concen: 116.830 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

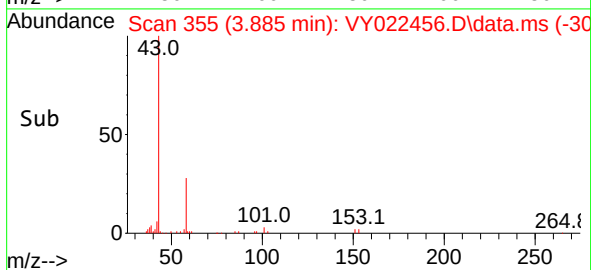
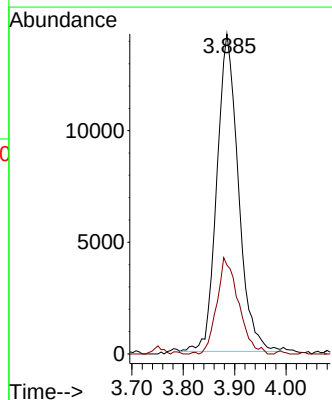
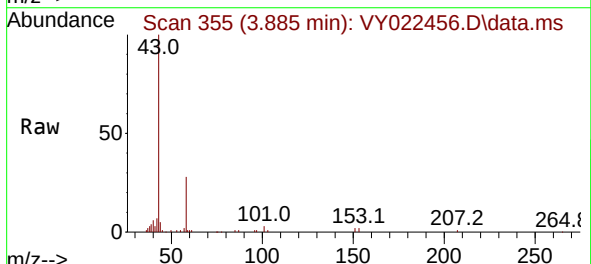
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

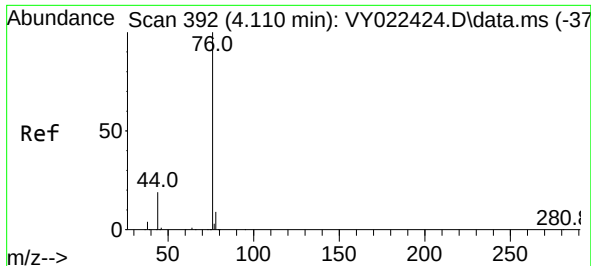
Tgt Ion: 53 Resp: 53746
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 37.6 30.0 45.0



#16
Acetone
Concen: 116.179 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 43 Resp: 41379
Ion Ratio Lower Upper
43 100
58 27.6 20.6 30.8

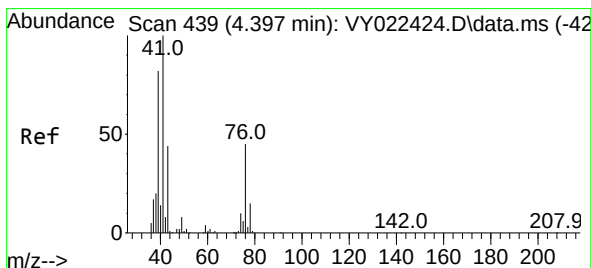
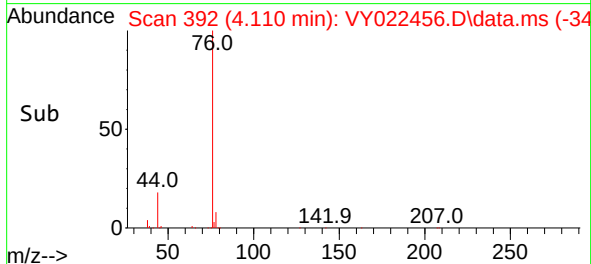
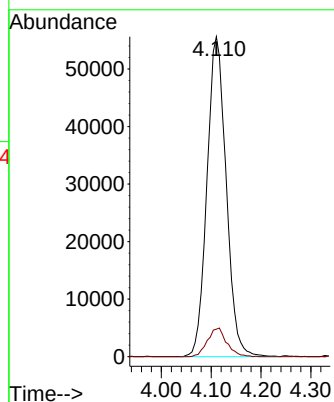
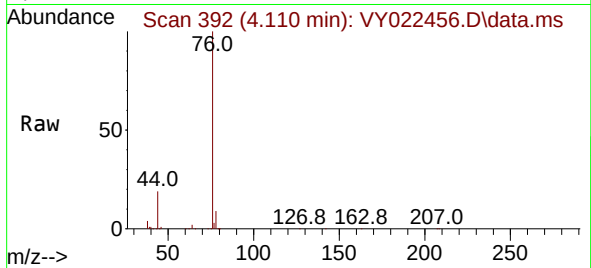




#17
Carbon Disulfide
Concen: 21.639 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

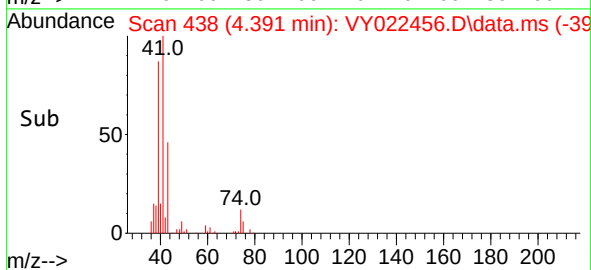
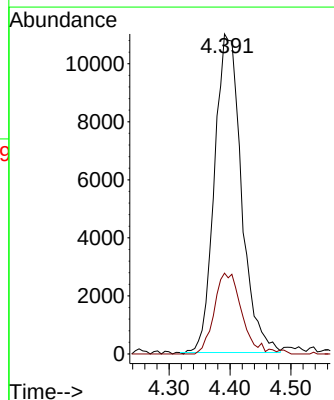
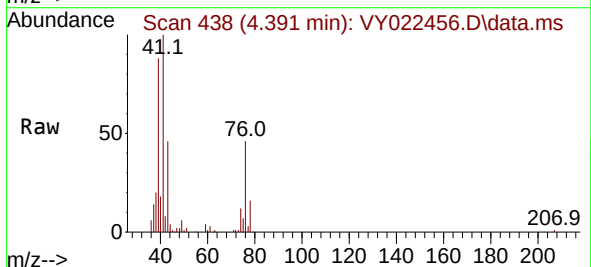
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

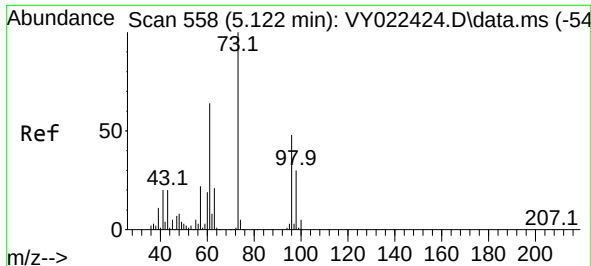
Tgt Ion: 76 Resp: 148882
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 25.198 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 43 Resp: 33619
Ion Ratio Lower Upper
43 100
74 25.9 21.2 31.8

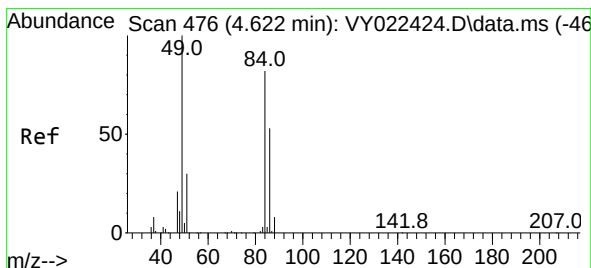
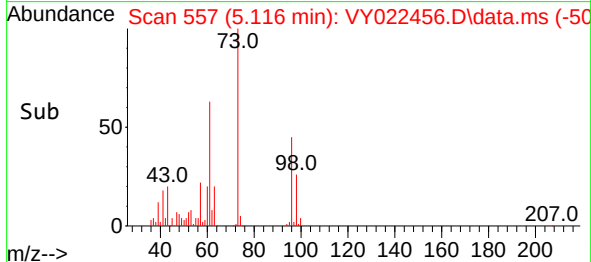
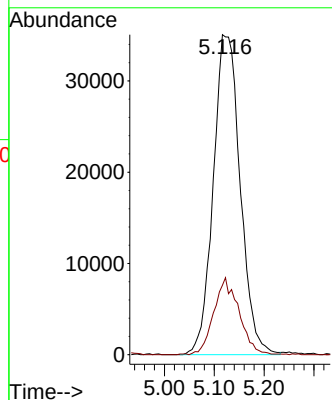
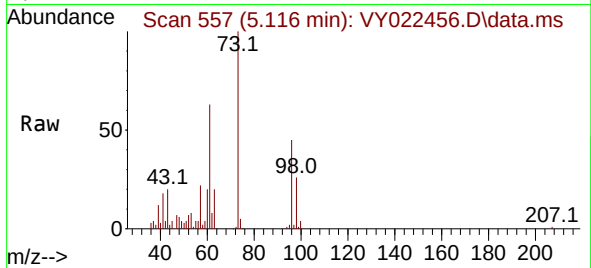




#19
Methyl tert-butyl Ether
Concen: 23.017 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

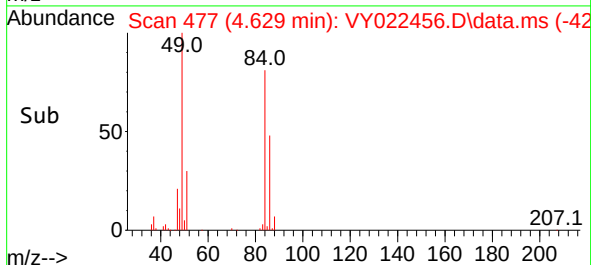
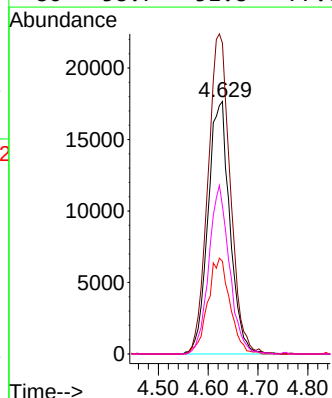
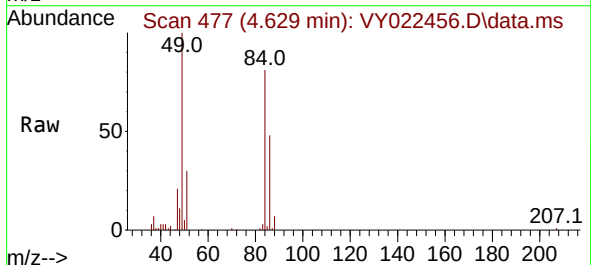
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

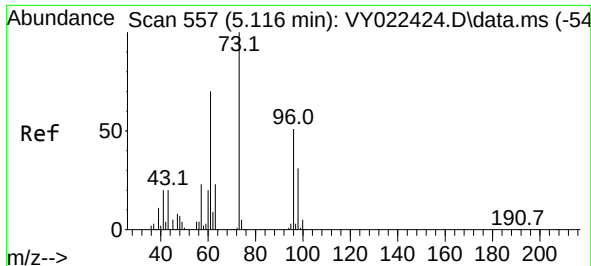
Tgt Ion: 73 Resp: 131747
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 21.387 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 84 Resp: 53789
Ion Ratio Lower Upper
84 100
49 123.2 97.8 146.8
51 36.7 29.5 44.3
86 58.7 51.8 77.6

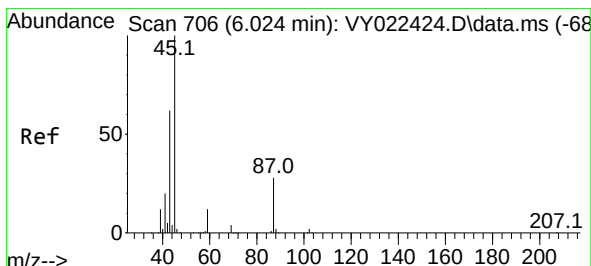
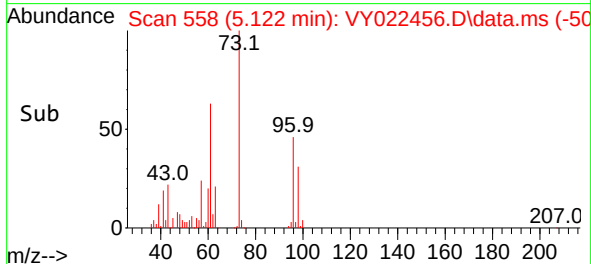
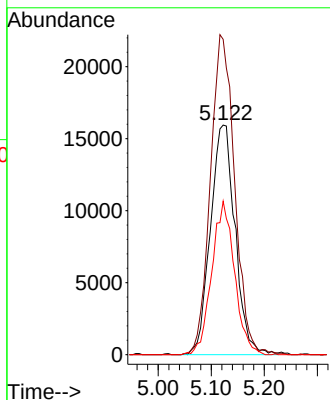
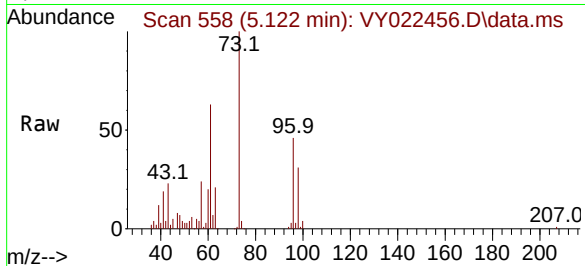




#21
trans-1,2-Dichloroethene
Concen: 21.873 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

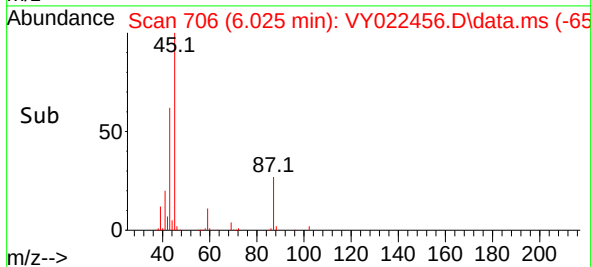
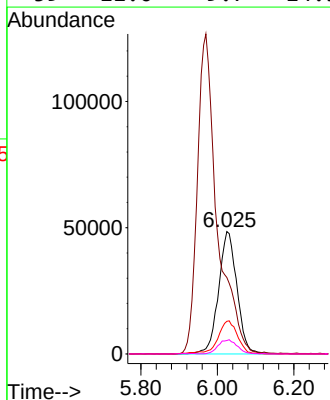
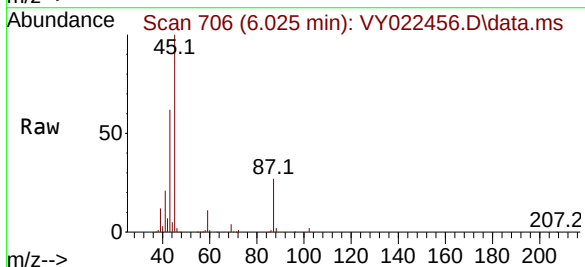
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

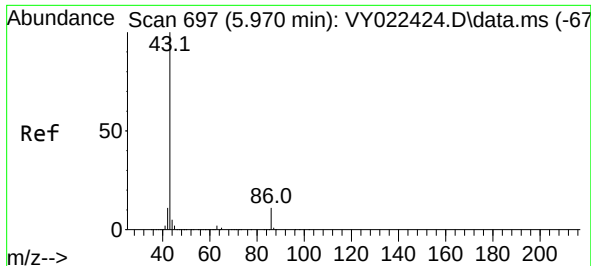
Tgt Ion: 96 Resp: 51482
Ion Ratio Lower Upper
96 100
61 137.4 110.4 165.6
98 66.8 48.6 73.0



#22
Diisopropyl ether
Concen: 22.626 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 45 Resp: 161945
Ion Ratio Lower Upper
45 100
43 62.2 49.8 74.8
87 26.7 23.0 34.6
59 11.0 9.7 14.5

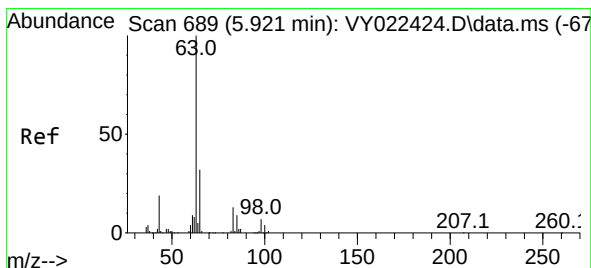
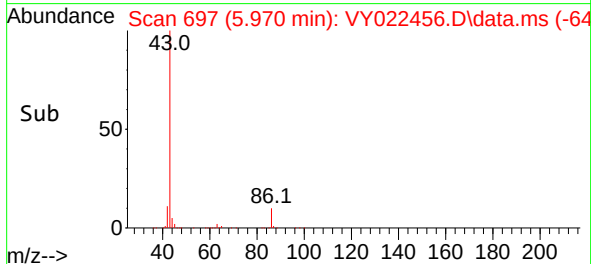
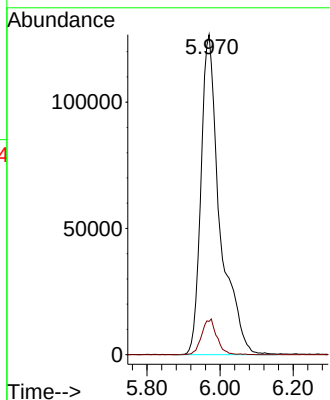
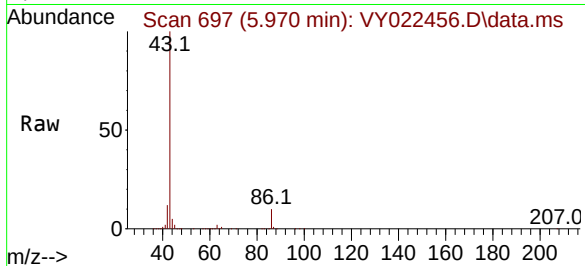




#23
 Vinyl Acetate
 Concen: 111.108 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

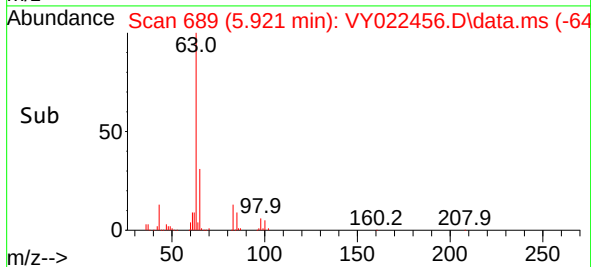
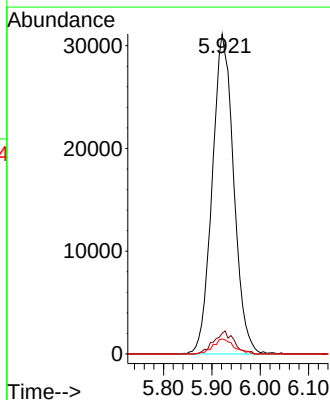
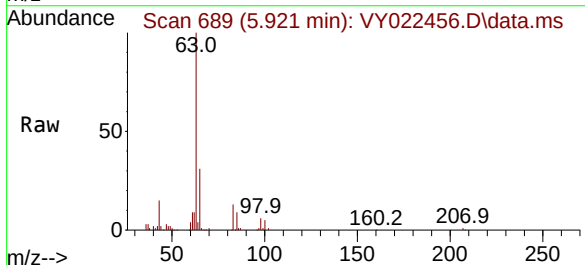
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

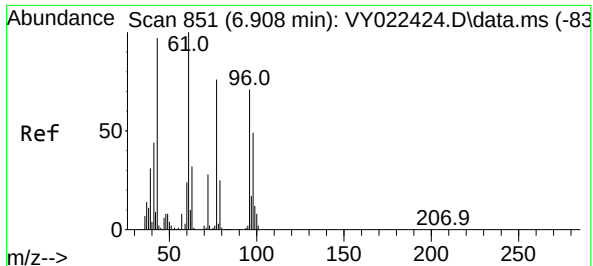
Tgt Ion: 43 Resp: 456630
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 22.766 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

Tgt Ion: 63 Resp: 96288
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.7 2.1 6.5

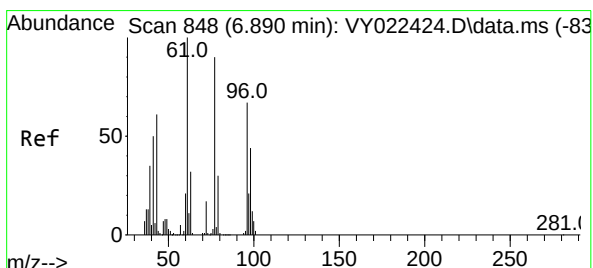
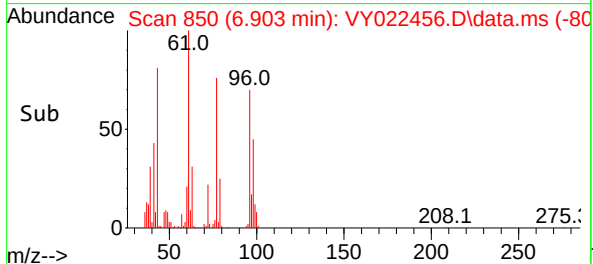
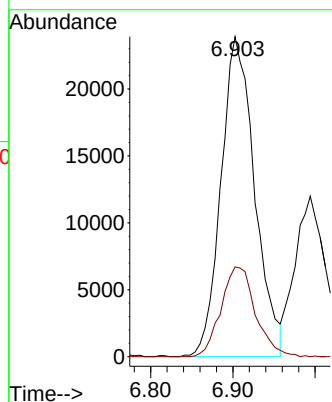
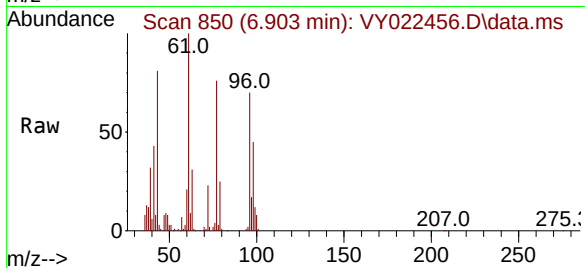




#25
2-Butanone
Concen: 114.690 ug/l
RT: 6.903 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

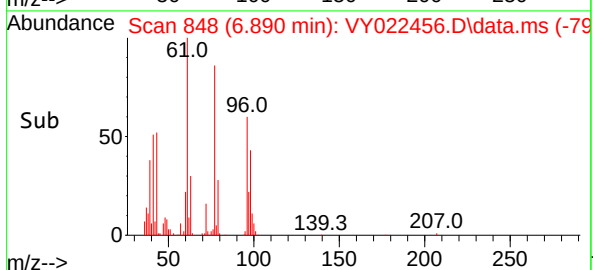
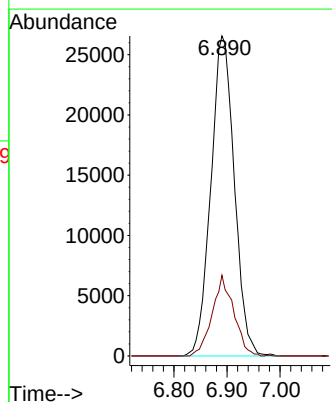
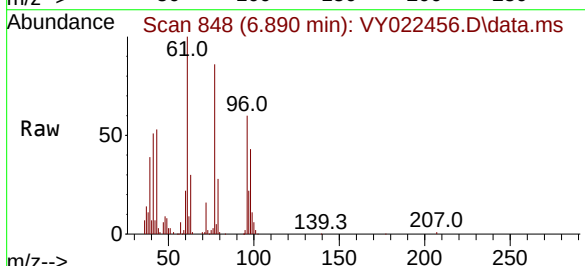
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

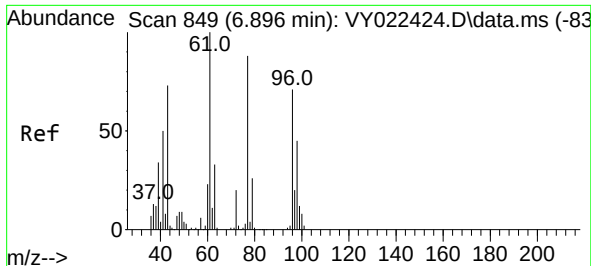
Tgt Ion: 43 Resp: 68030
Ion Ratio Lower Upper
43 100
72 28.0 22.8 34.2



#26
2,2-Dichloropropane
Concen: 21.341 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 77 Resp: 81729
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.861 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

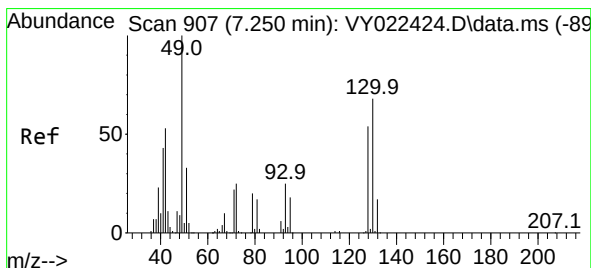
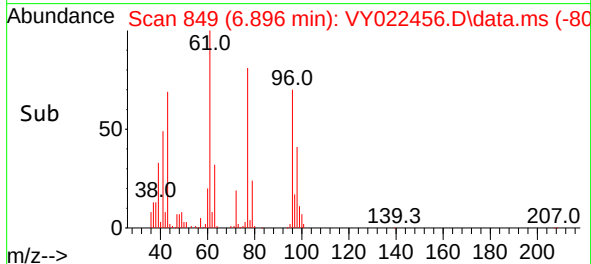
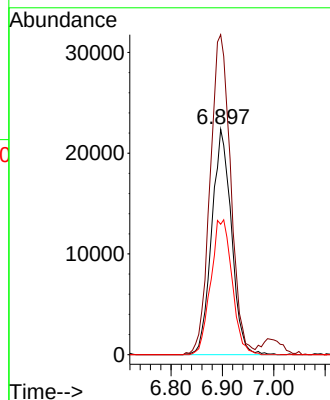
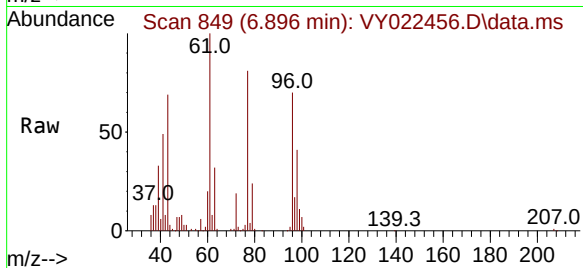
Tgt Ion: 96 Resp: 59568

Ion Ratio Lower Upper

96 100

61 148.0 0.0 292.0

98 64.8 0.0 131.0



#28

Bromochloromethane

Concen: 21.983 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

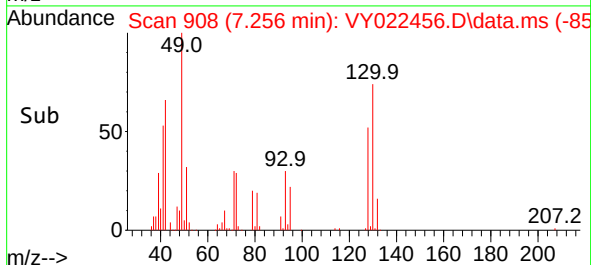
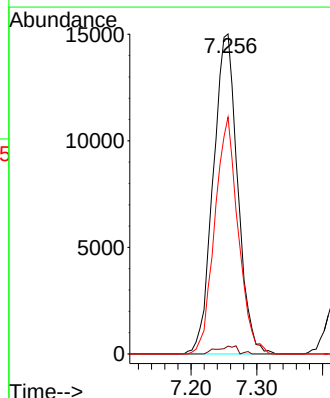
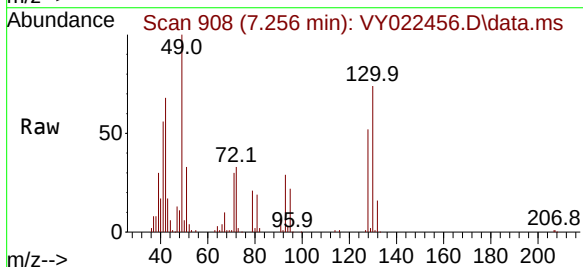
Tgt Ion: 49 Resp: 38824

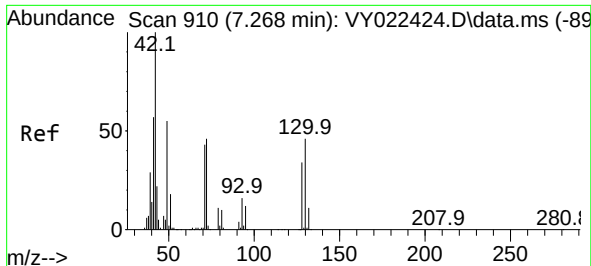
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 70.9 56.9 85.3





#29

Tetrahydrofuran

Concen: 117.391 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

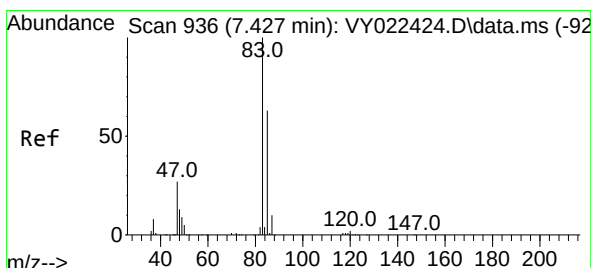
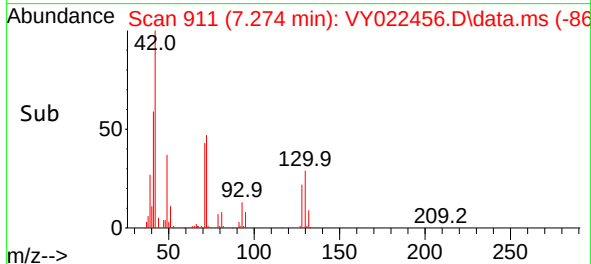
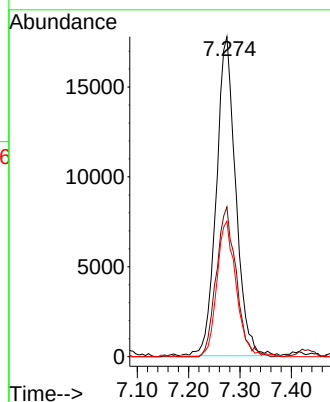
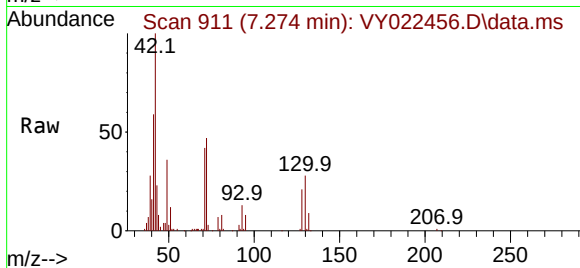
Tgt Ion: 42 Resp: 46439

Ion Ratio Lower Upper

42 100

72 48.1 37.7 56.5

71 42.3 34.7 52.1



#30

Chloroform

Concen: 22.777 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022456.D

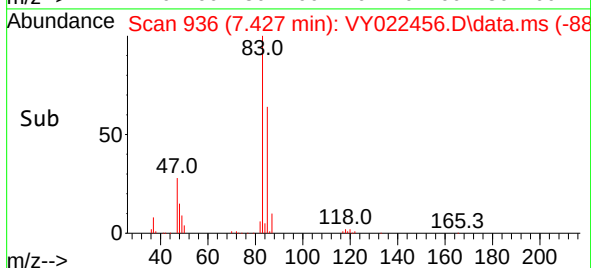
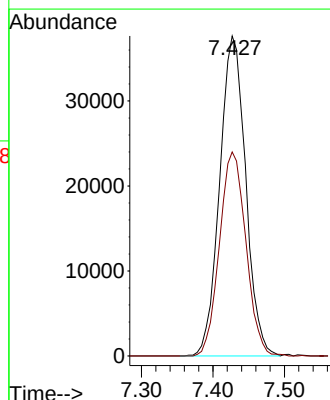
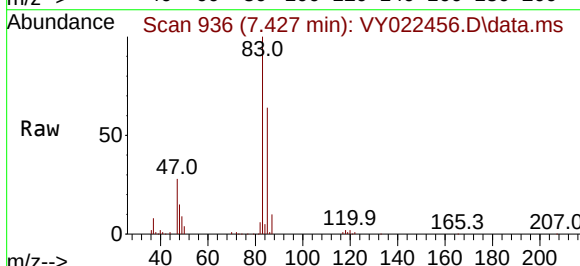
Acq: 29 May 2025 09:50

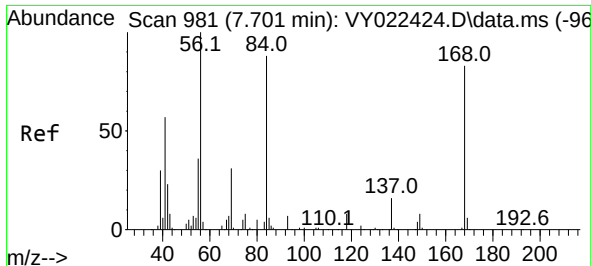
Tgt Ion: 83 Resp: 94926

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

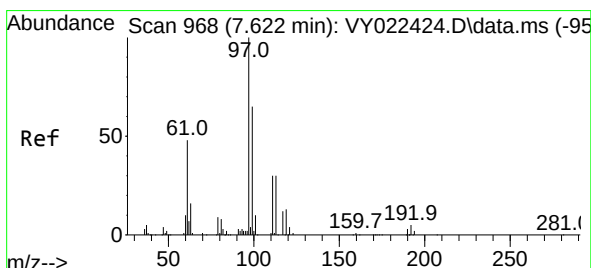
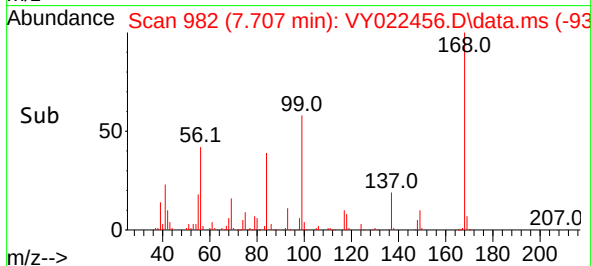
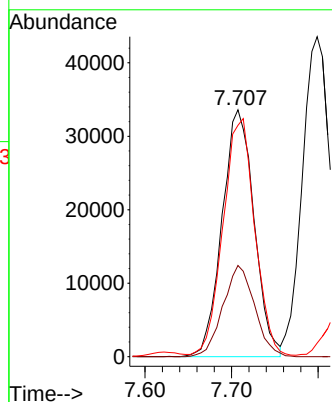
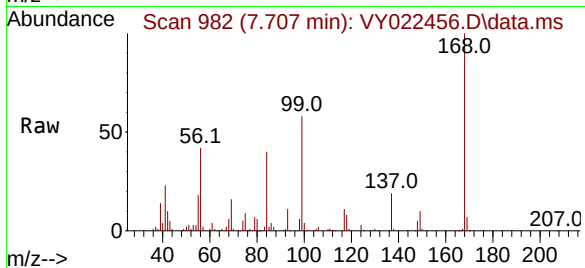




#31
Cyclohexane
Concen: 20.677 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

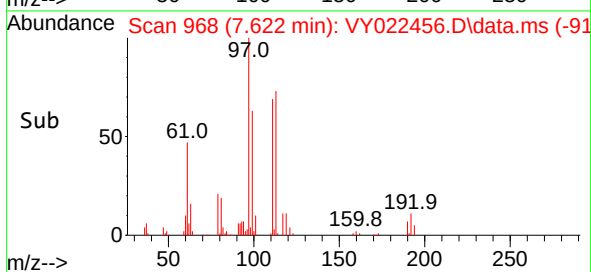
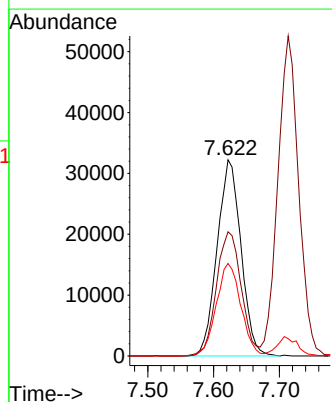
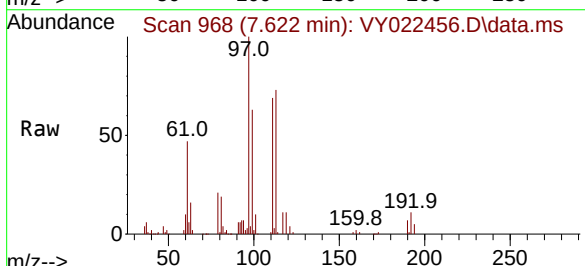
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

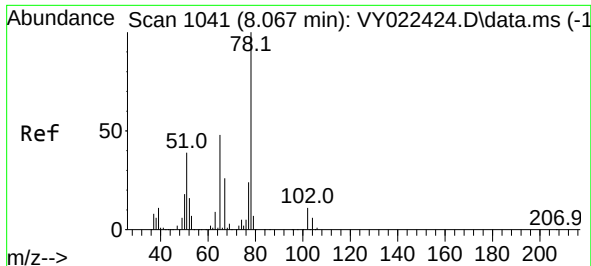
Tgt Ion: 56 Resp: 86206
Ion Ratio Lower Upper
56 100
69 36.9 24.6 36.8#
84 92.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 21.565 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 97 Resp: 81565
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 48.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 55.142 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

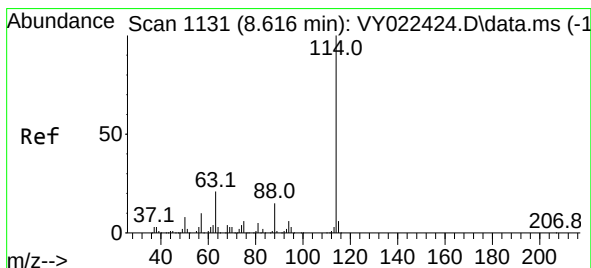
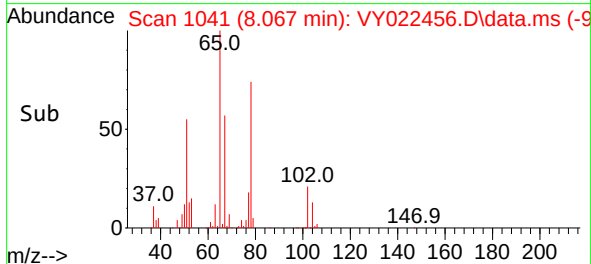
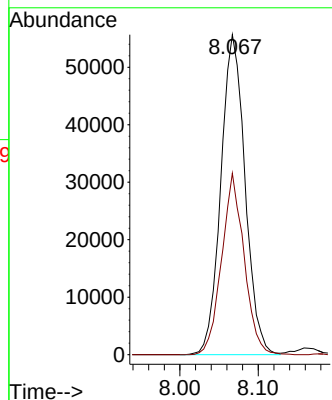
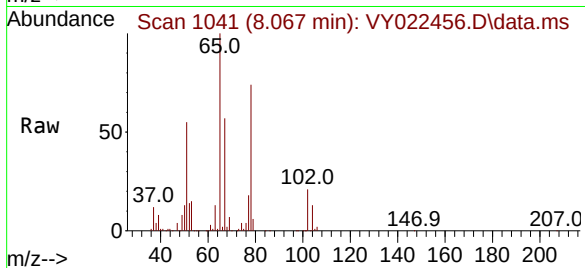
VY0529SBS01

Tgt Ion: 65 Resp: 119518

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

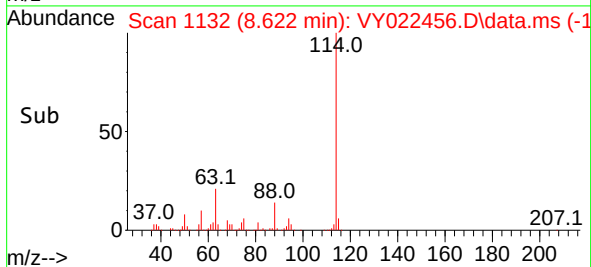
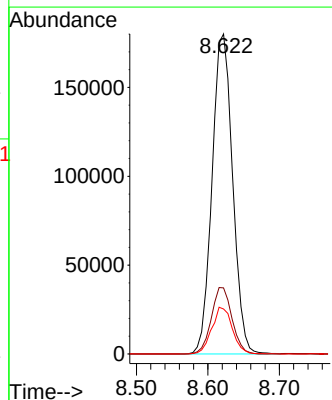
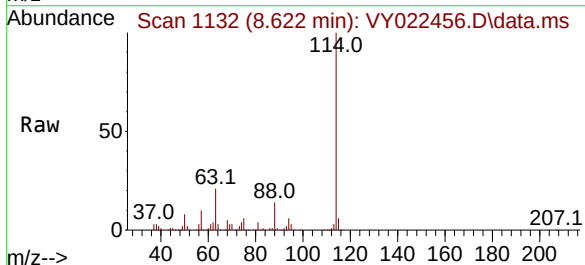
Tgt Ion: 114 Resp: 359832

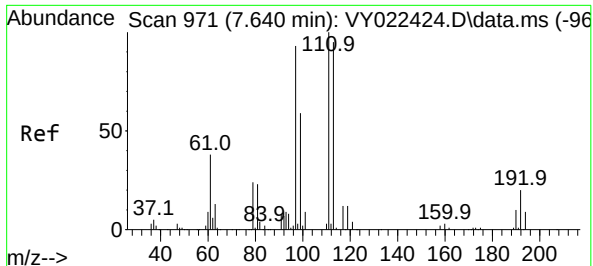
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 14.1 0.0 29.4

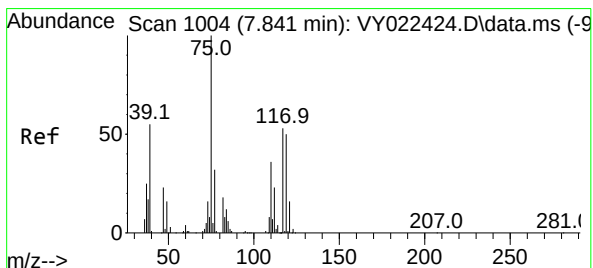
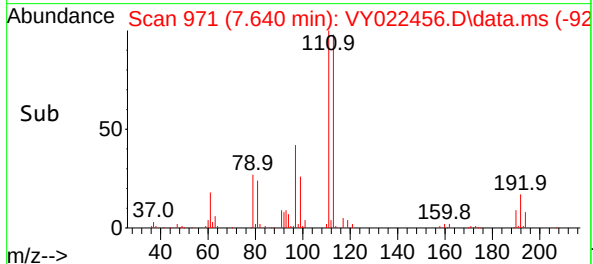
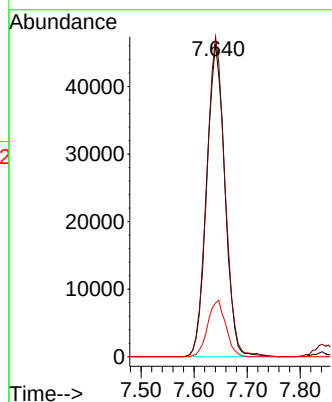
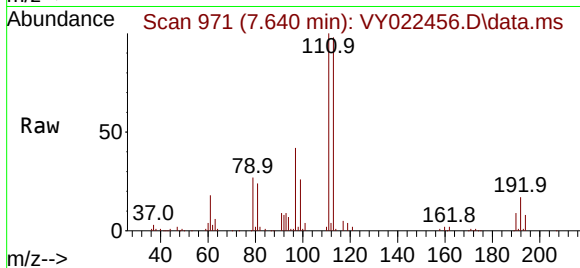




#35
Dibromofluoromethane
Concen: 52.463 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

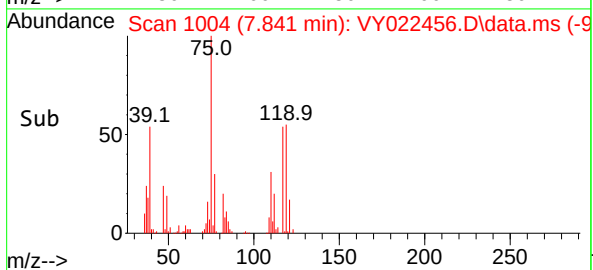
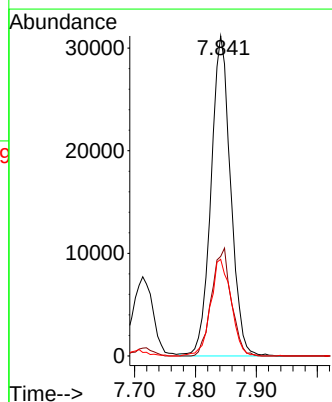
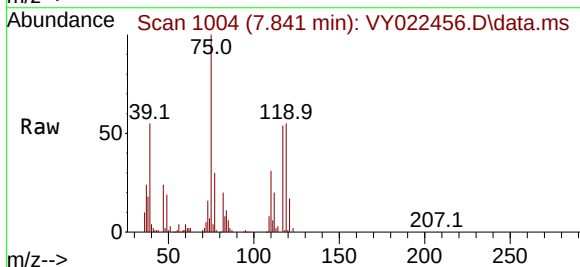
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

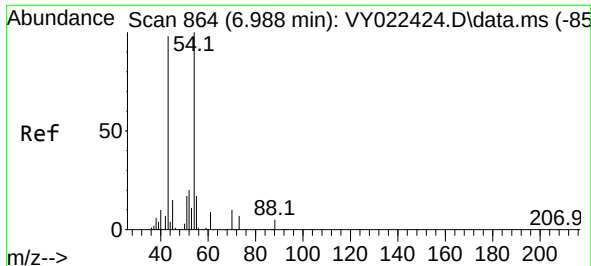
Tgt Ion:113 Resp: 110555
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.835 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 75 Resp: 69669
Ion Ratio Lower Upper
75 100
110 33.8 17.1 51.2
77 31.5 25.1 37.7

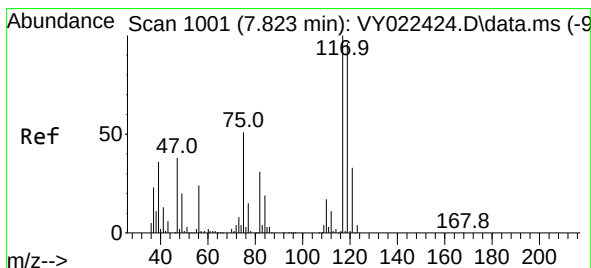
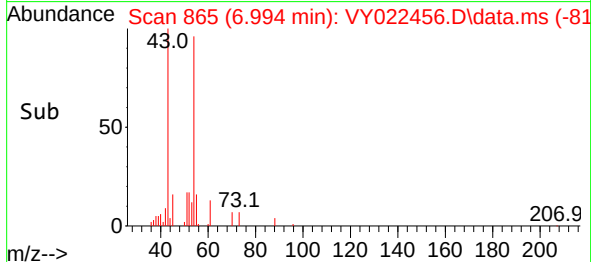
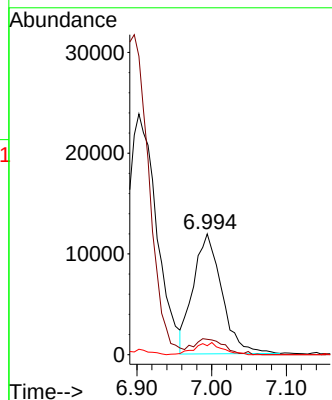
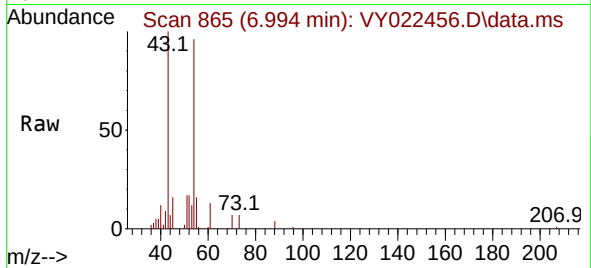




#37
Ethyl Acetate
Concen: 22.255 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

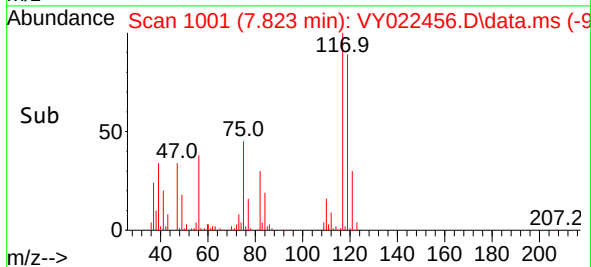
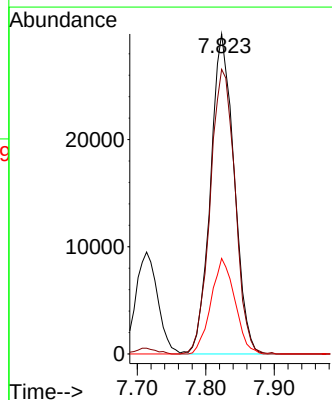
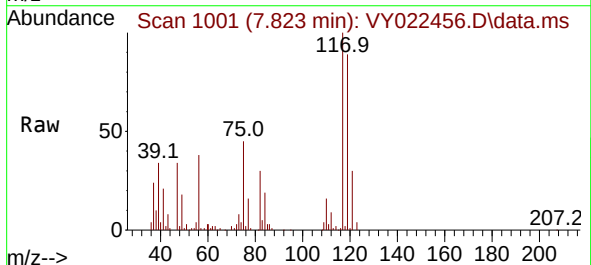
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

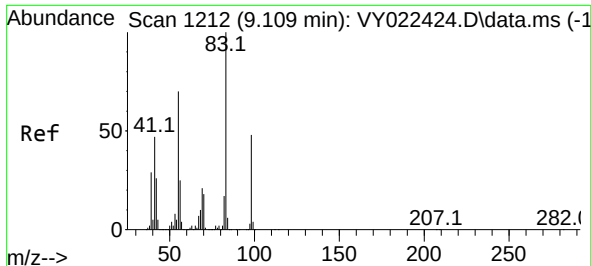
Tgt Ion: 43 Resp: 31627
Ion Ratio Lower Upper
43 100
61 12.2 11.7 17.5
70 9.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.484 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 117 Resp: 71355
Ion Ratio Lower Upper
117 100
119 88.9 76.3 114.5
121 29.8 26.1 39.1





#39

Methylcyclohexane

Concen: 19.975 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

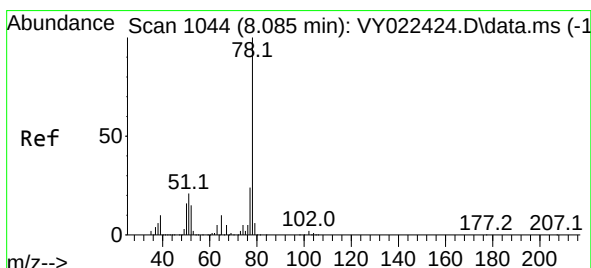
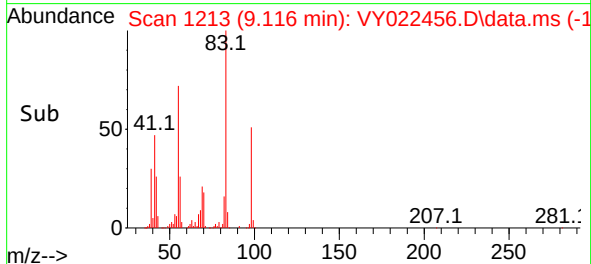
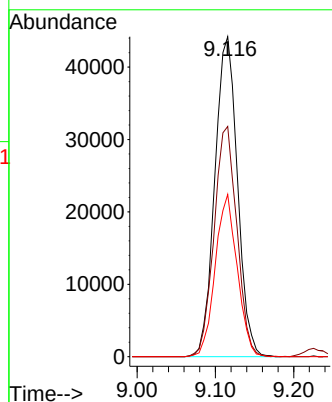
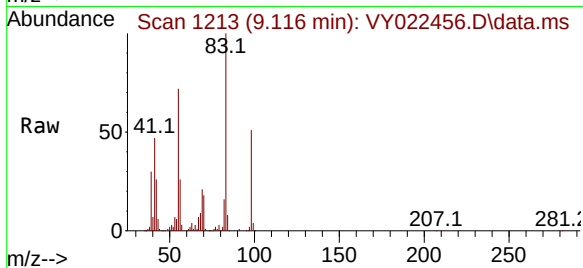
Tgt Ion: 83 Resp: 88788

Ion Ratio Lower Upper

83 100

55 71.9 56.2 84.2

98 50.7 38.4 57.6



#40

Benzene

Concen: 21.352 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022456.D

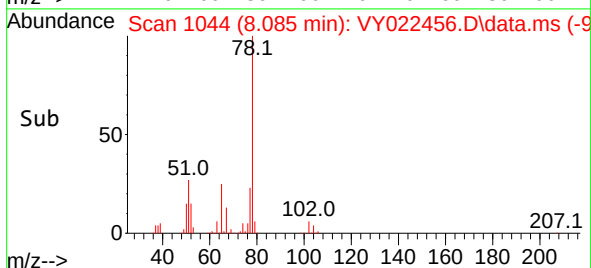
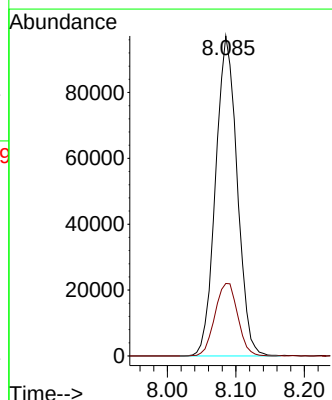
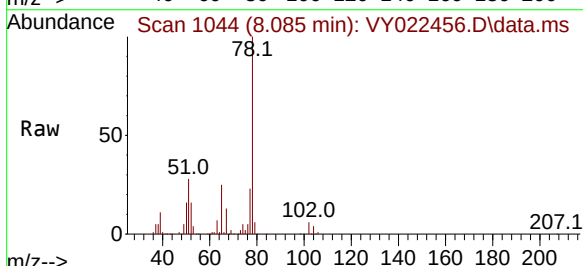
Acq: 29 May 2025 09:50

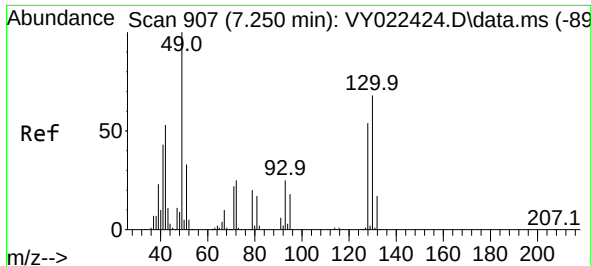
Tgt Ion: 78 Resp: 212449

Ion Ratio Lower Upper

78 100

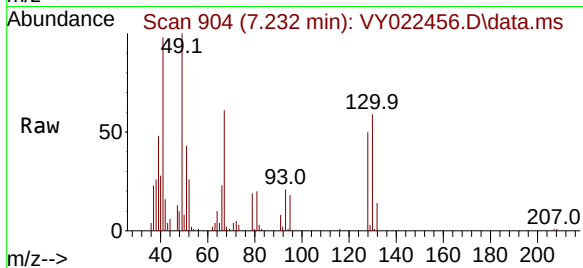
77 22.7 19.4 29.2



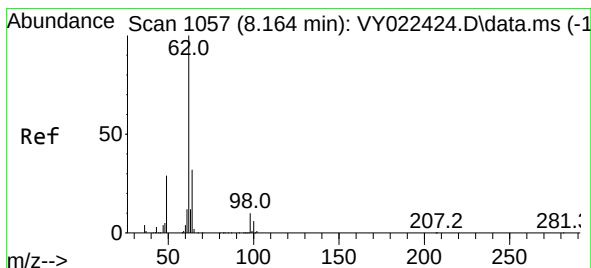
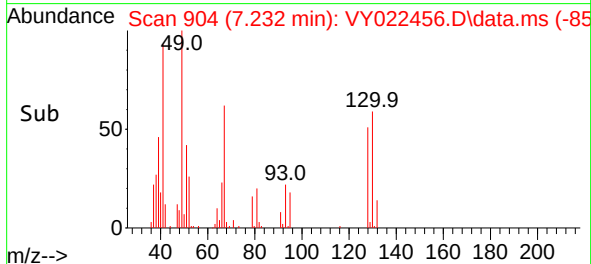
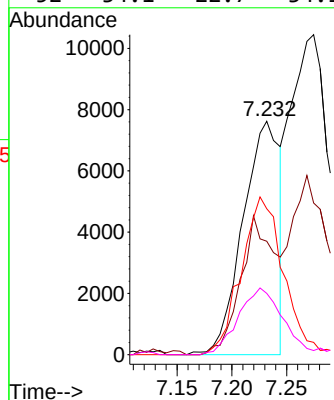


#41
Methacrylonitrile
Concen: 20.709 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

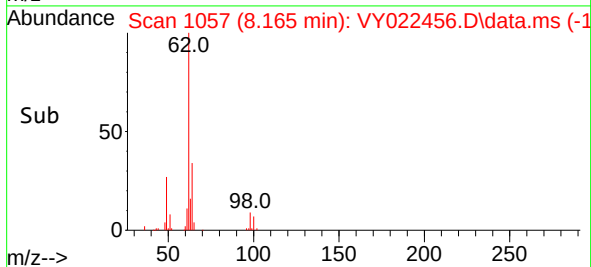
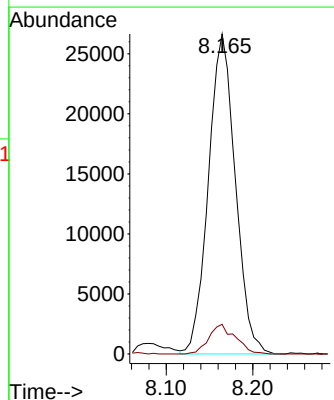
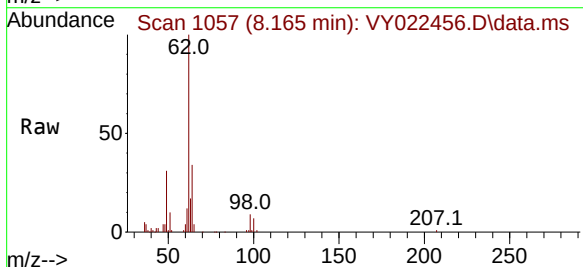


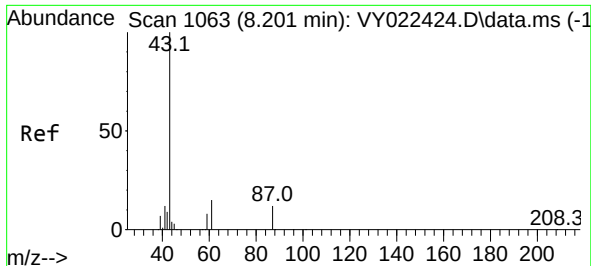
Tgt Ion:	41	Resp:	17862
Ion	Ratio	Lower	Upper
41	100		
39	55.1	40.4	60.6
67	77.5	53.0	79.4
52	34.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 21.906 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion:	62	Resp:	57566
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.973 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

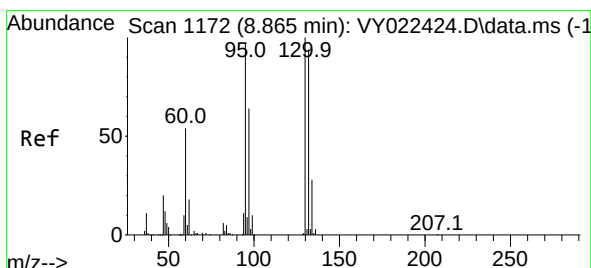
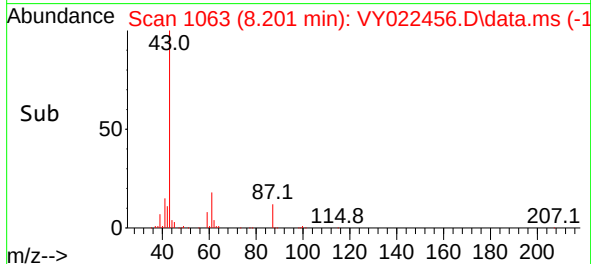
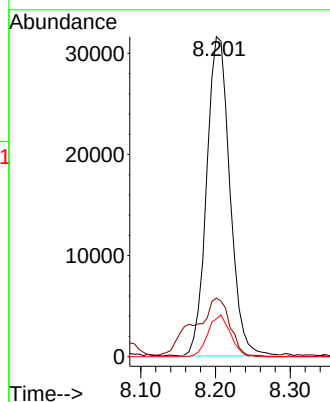
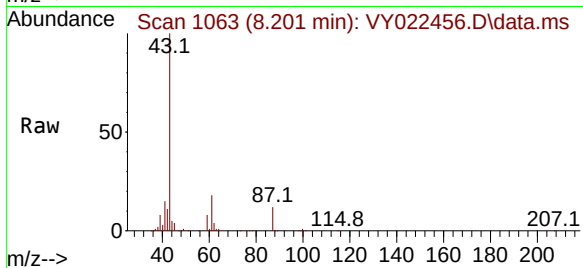
Tgt Ion: 43 Resp: 68235

Ion Ratio Lower Upper

43 100

61 28.6 15.4 23.0#

87 12.5 10.6 15.8



#44

Trichloroethene

Concen: 20.937 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY022456.D

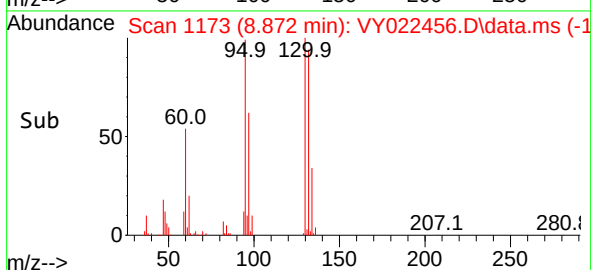
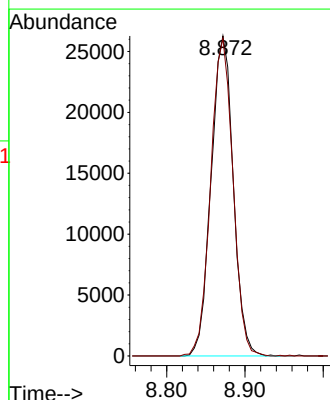
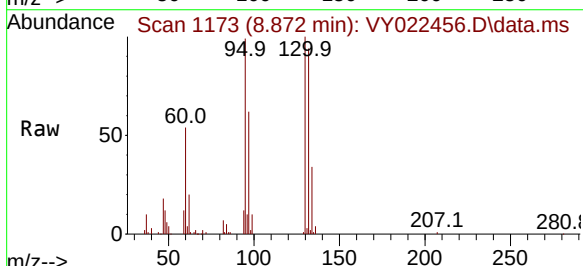
Acq: 29 May 2025 09:50

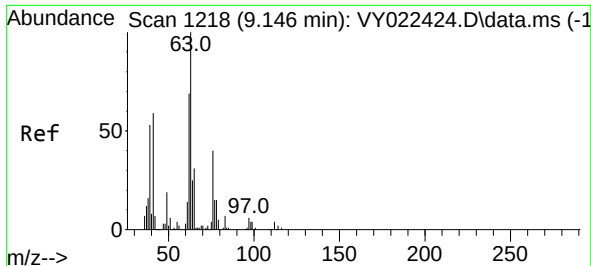
Tgt Ion:130 Resp: 51499

Ion Ratio Lower Upper

130 100

95 99.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.930 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

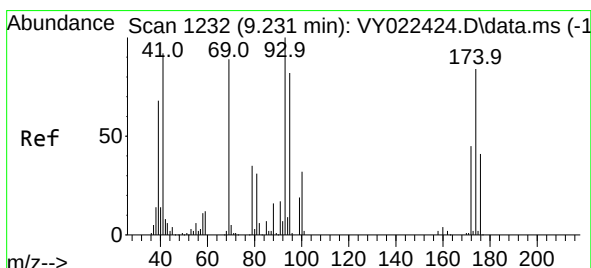
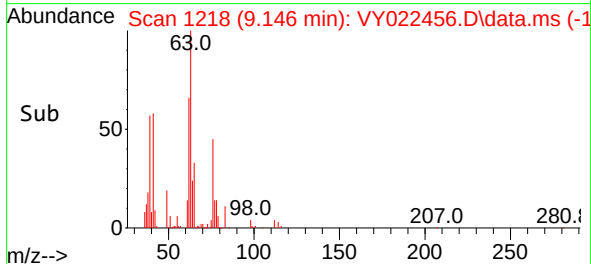
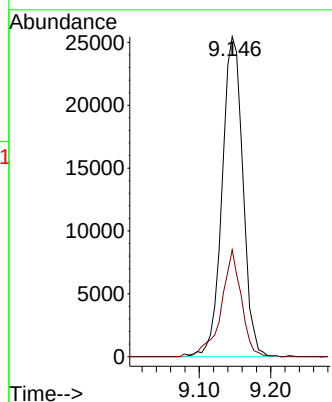
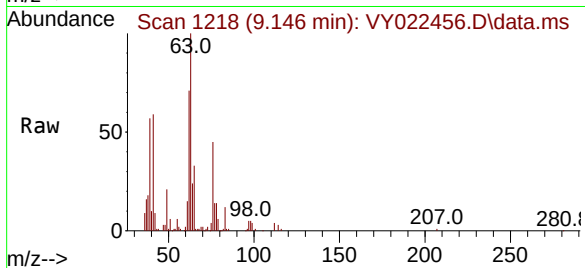
VY0529SBS01

Tgt Ion: 63 Resp: 51267

Ion Ratio Lower Upper

63 100

65 33.4 25.1 37.7



#46

Dibromomethane

Concen: 21.556 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

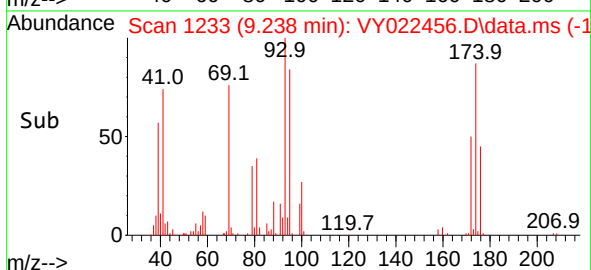
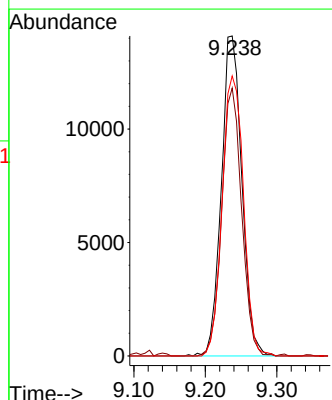
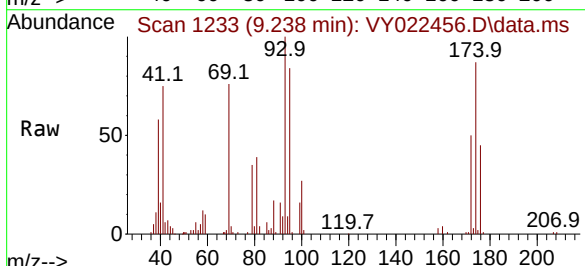
Tgt Ion: 93 Resp: 28152

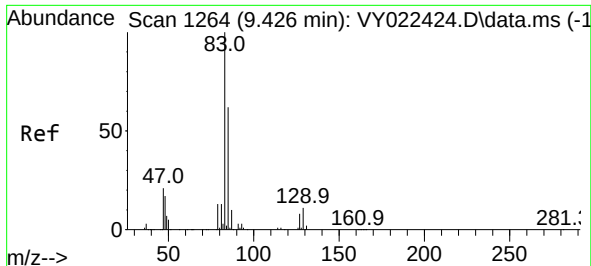
Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.2

174 90.5 71.1 106.7

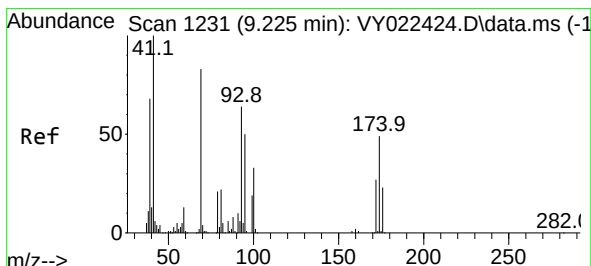
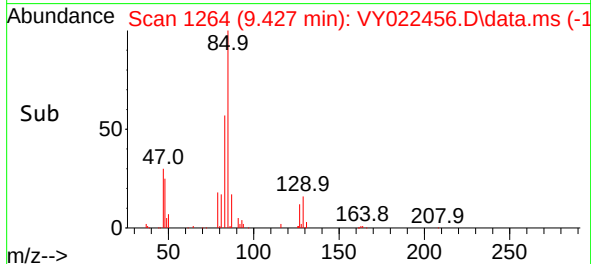
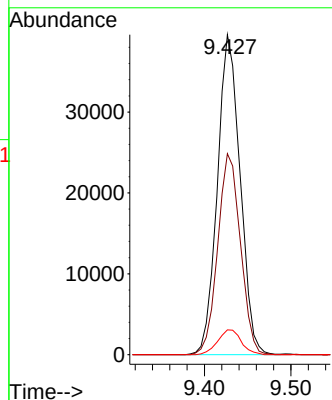
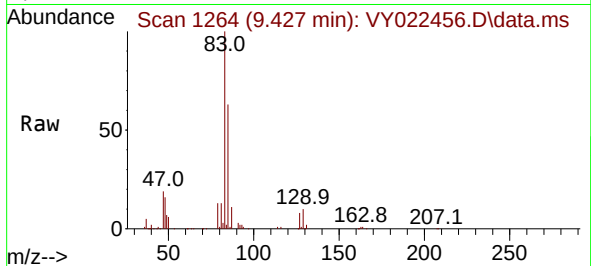




#47
Bromodichloromethane
Concen: 21.486 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

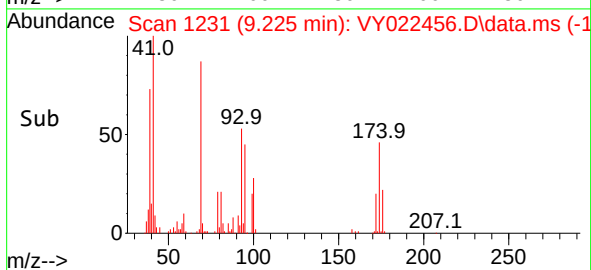
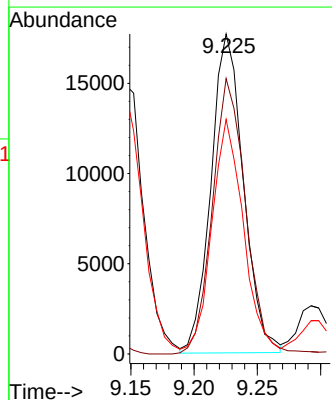
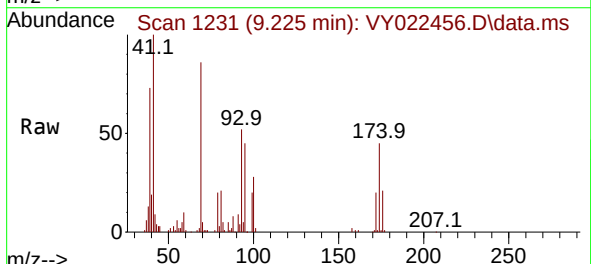
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

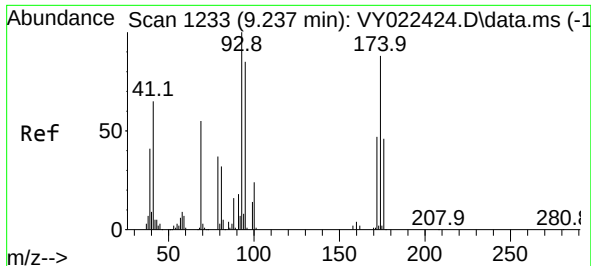
Tgt Ion: 83 Resp: 72157
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 21.934 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 41 Resp: 31618
Ion Ratio Lower Upper
41 100
69 88.2 70.3 105.5
39 68.8 55.4 83.0





#49

1,4-Dioxane

Concen: 459.490 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBSD01

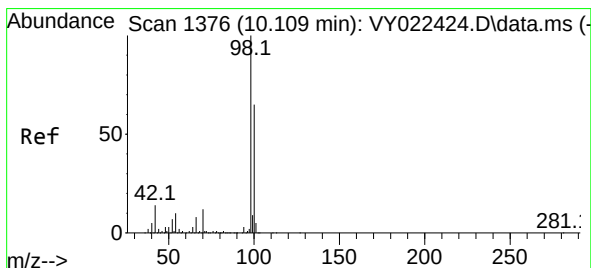
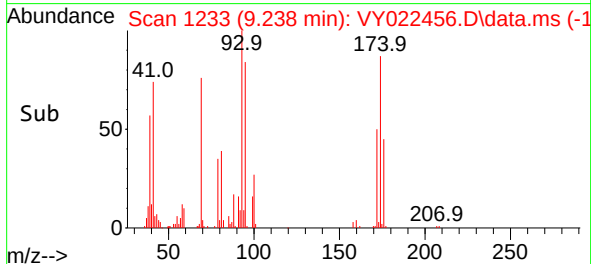
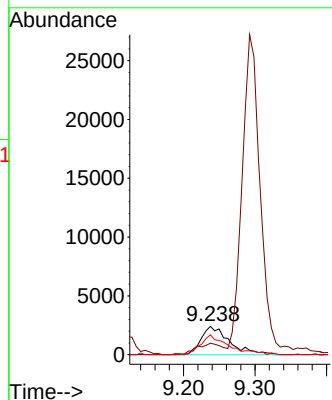
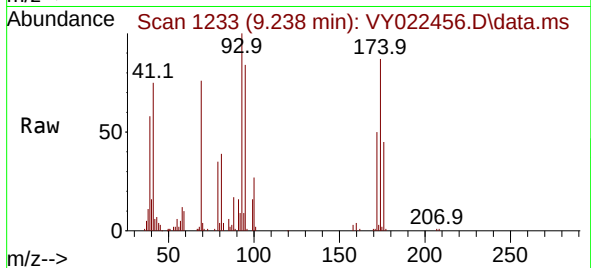
Tgt Ion: 88 Resp: 6628

Ion Ratio Lower Upper

88 100

43 34.7 26.9 40.3

58 68.9 55.8 83.6



#50

Toluene-d8

Concen: 51.578 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022456.D

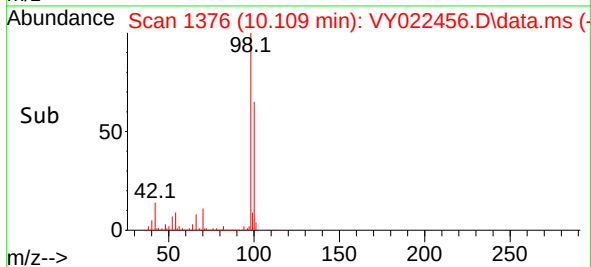
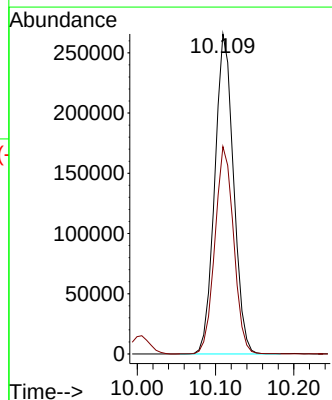
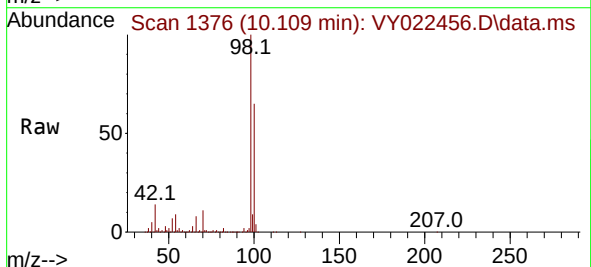
Acq: 29 May 2025 09:50

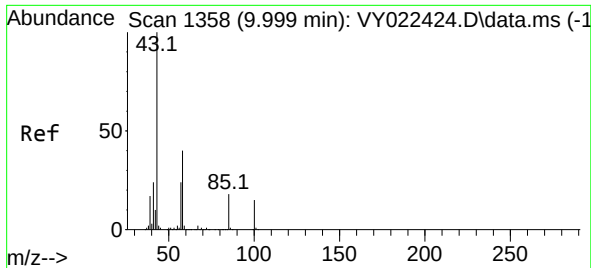
Tgt Ion: 98 Resp: 443079

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2

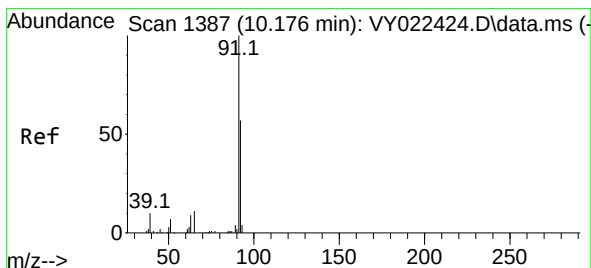
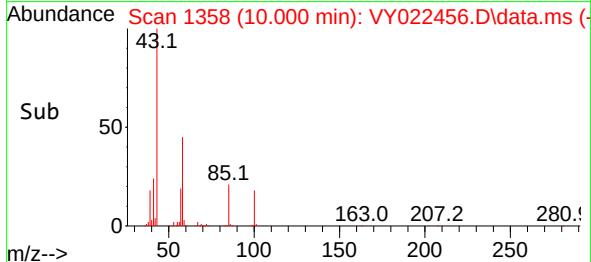
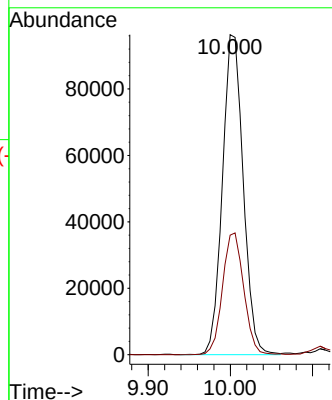
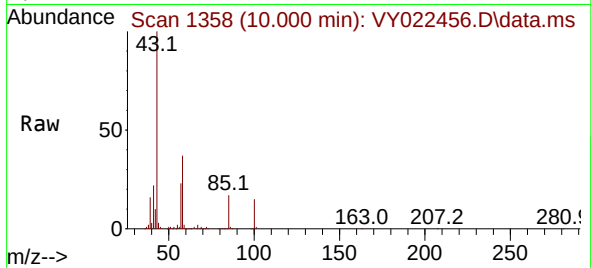




#51
4-Methyl-2-Pentanone
Concen: 110.718 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

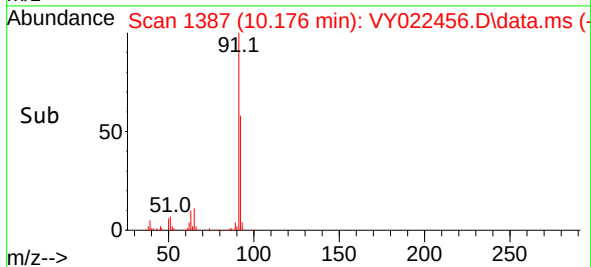
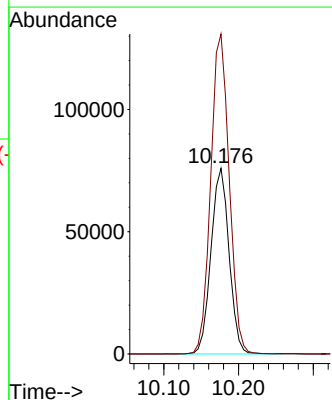
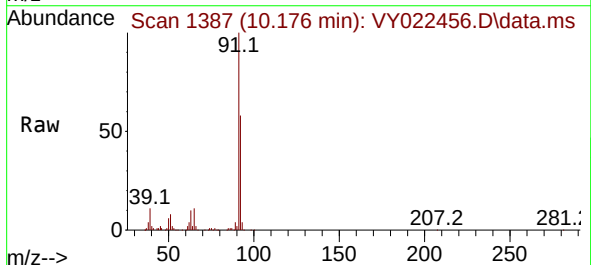
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

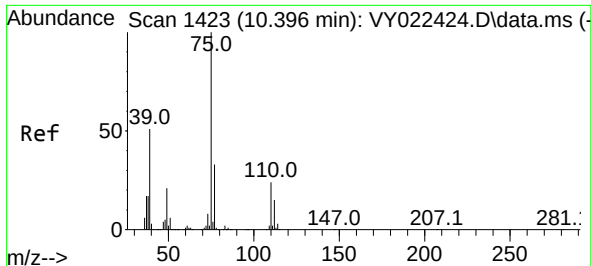
Tgt Ion: 43 Resp: 169643
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8



#52
Toluene
Concen: 20.565 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 92 Resp: 127807
Ion Ratio Lower Upper
92 100
91 176.3 139.8 209.6

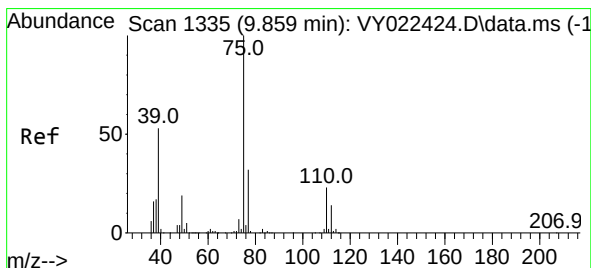
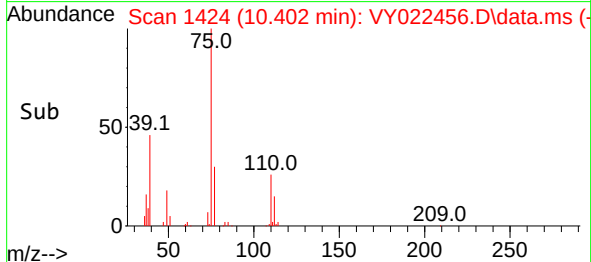
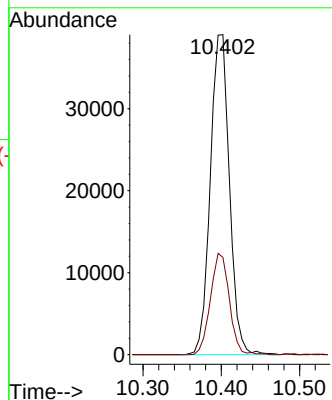
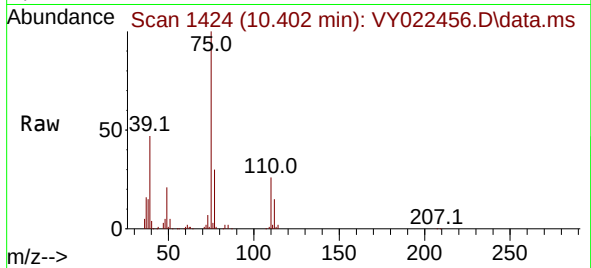




#53
t-1,3-Dichloropropene
Concen: 21.159 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

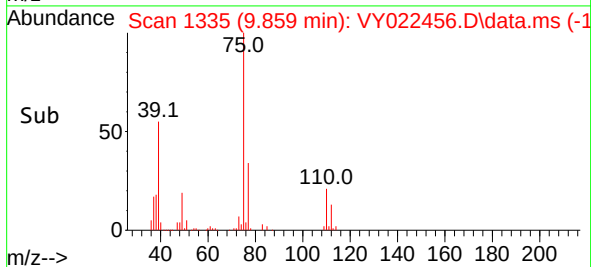
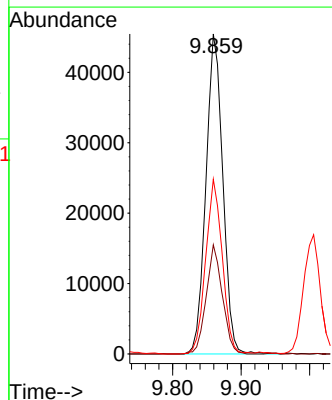
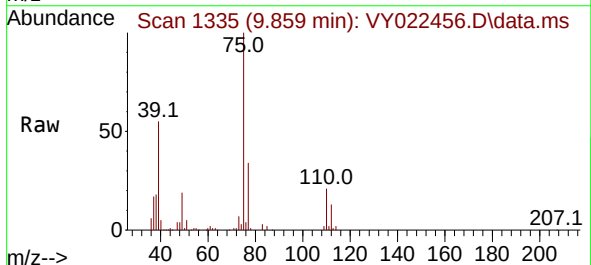
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

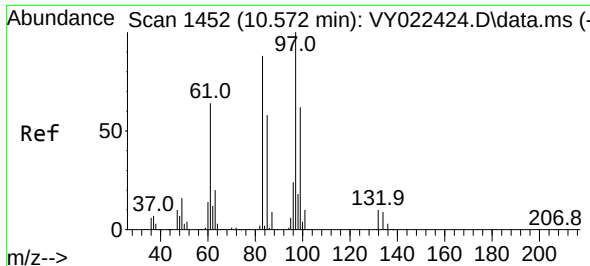
Tgt Ion: 75 Resp: 66189
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 21.209 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 75 Resp: 77958
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2
39 54.6 42.5 63.7

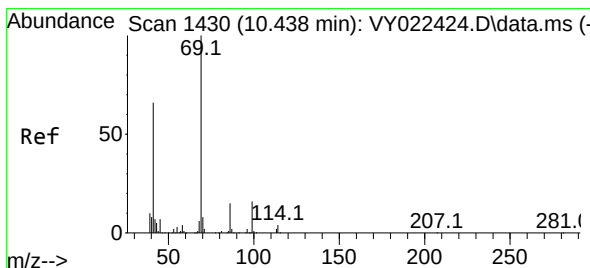
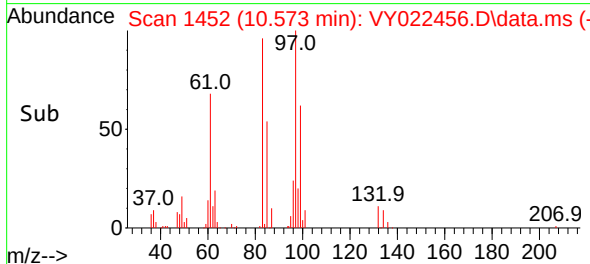
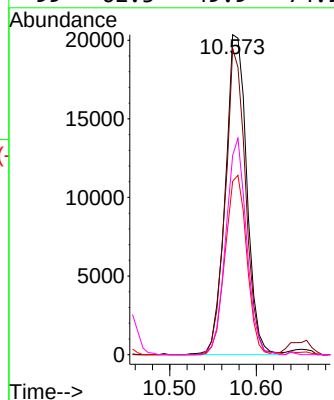
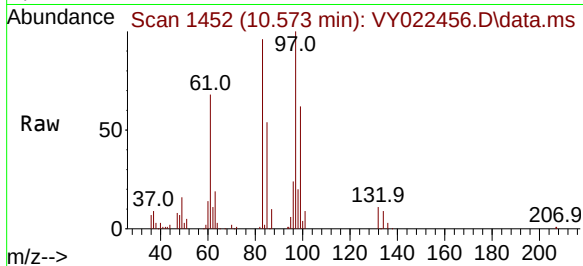




#55
 1,1,2-Trichloroethane
 Concen: 21.244 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

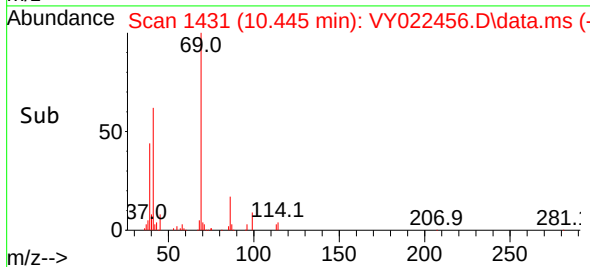
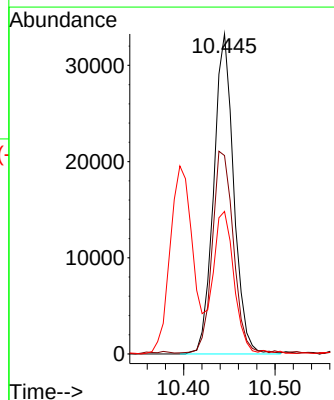
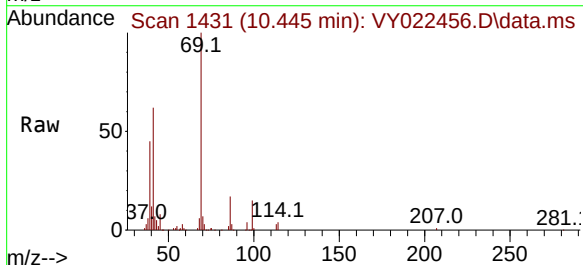
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBSD01

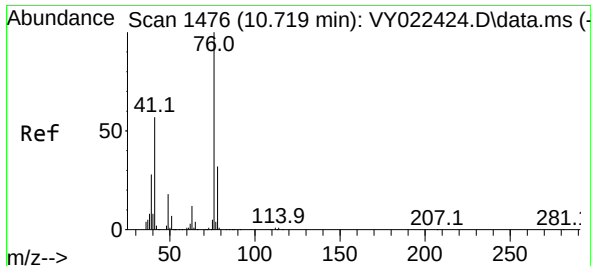
Tgt Ion:	97	Resp:	35077
Ion	Ratio	Lower	Upper
97	100		
83	95.7	70.2	105.4
85	54.2	46.1	69.1
99	62.3	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 21.361 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

Tgt Ion:	69	Resp:	50615
Ion	Ratio	Lower	Upper
69	100		
41	66.4	51.2	76.8
39	45.8	35.2	52.8





#57

1,3-Dichloropropane

Concen: 21.506 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

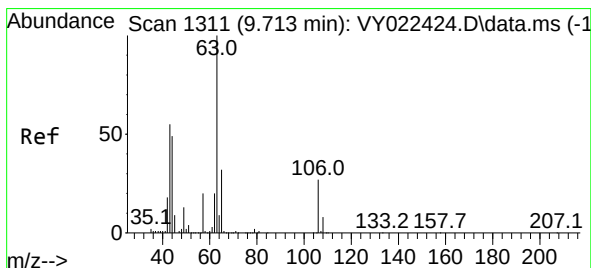
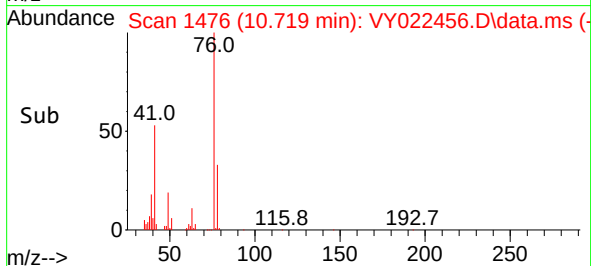
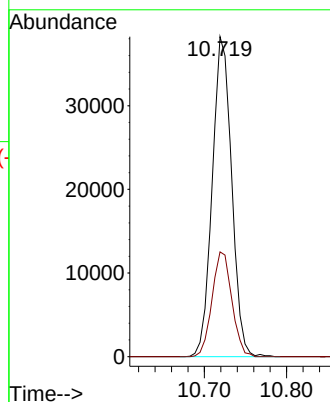
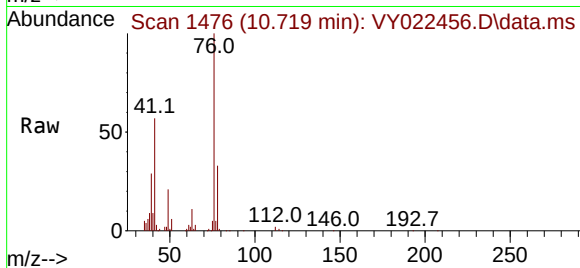
VY0529SBSD01

Tgt Ion: 76 Resp: 62576

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.282 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022456.D

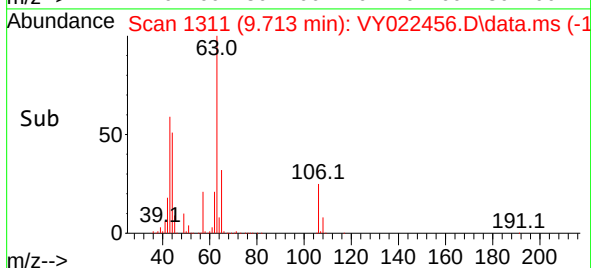
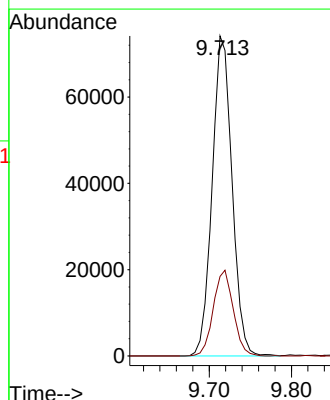
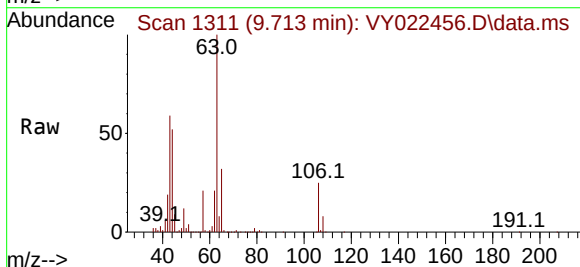
Acq: 29 May 2025 09:50

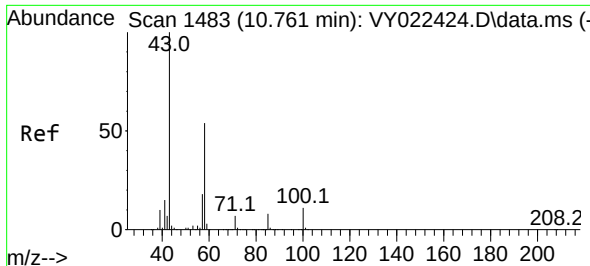
Tgt Ion: 63 Resp: 124329

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2

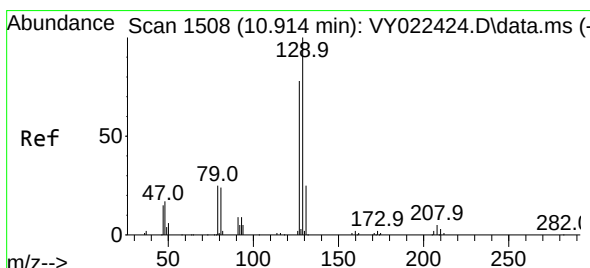
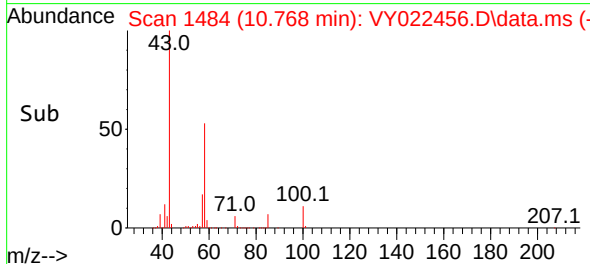
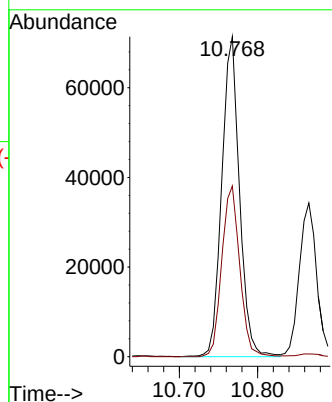
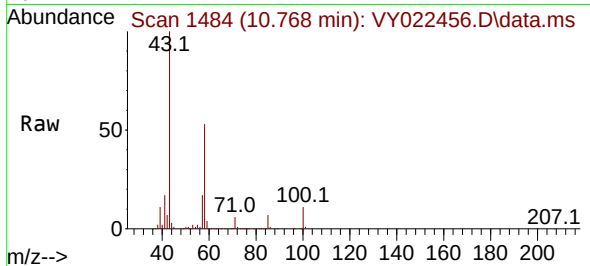




#59
2-Hexanone
Concen: 111.915 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

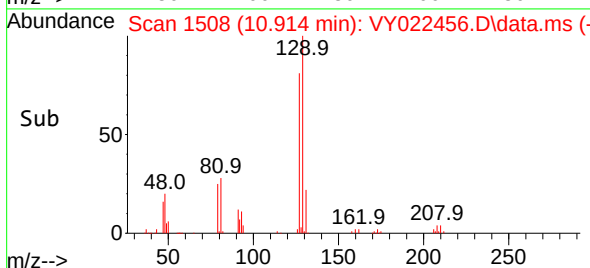
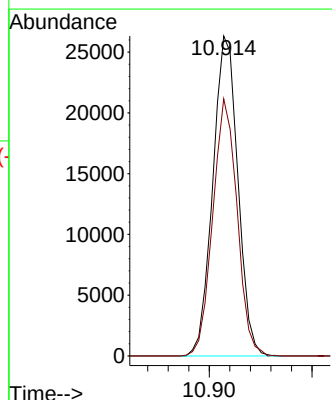
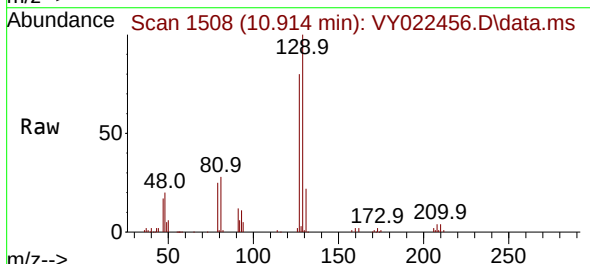
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

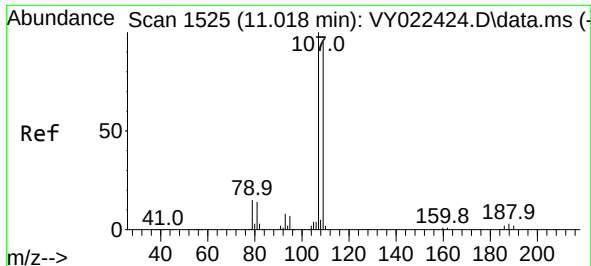
Tgt Ion: 43 Resp: 112377
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.2



#60
Dibromochloromethane
Concen: 21.090 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 129 Resp: 44484
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

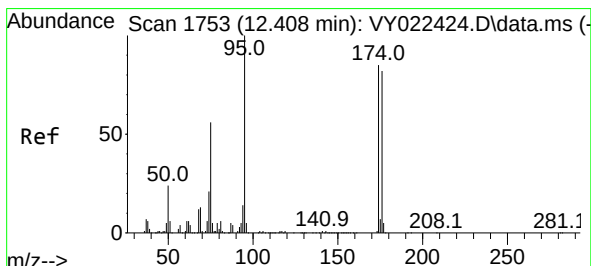
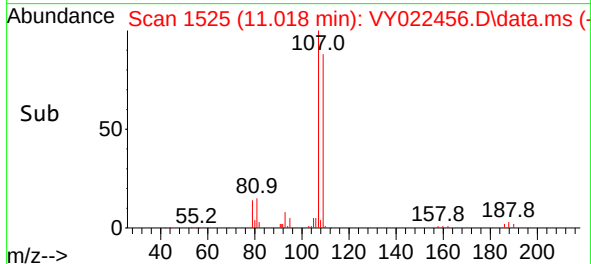
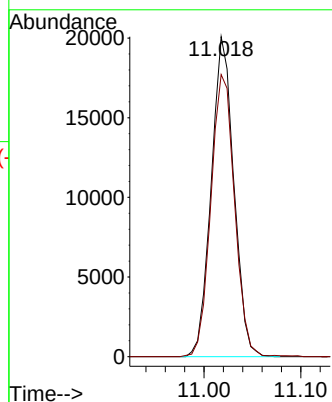
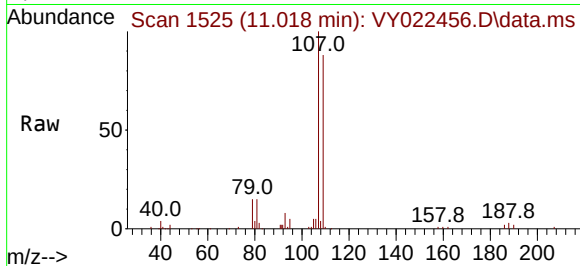




#61
1,2-Dibromoethane
Concen: 21.565 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

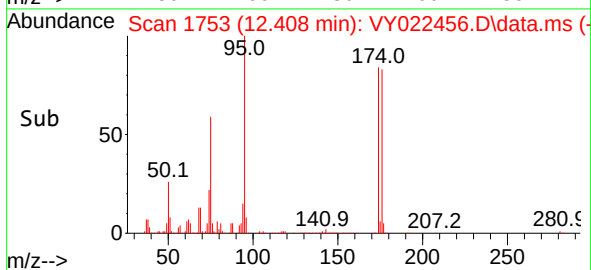
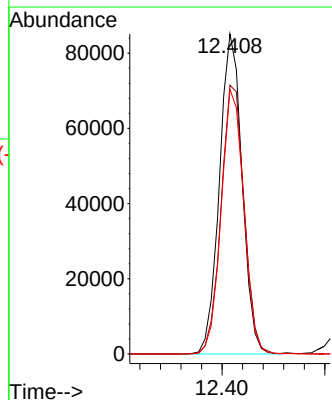
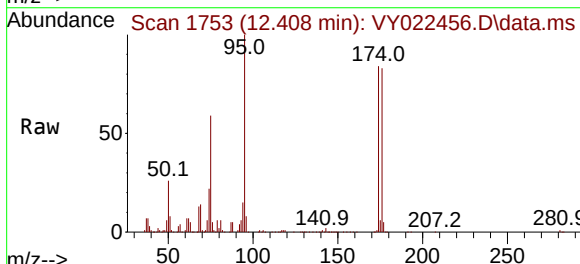
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

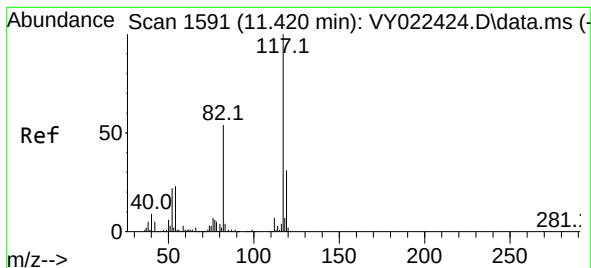
Tgt Ion:107 Resp: 32567
Ion Ratio Lower Upper
107 100
109 92.2 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 49.908 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 95 Resp: 129686
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 82.7 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

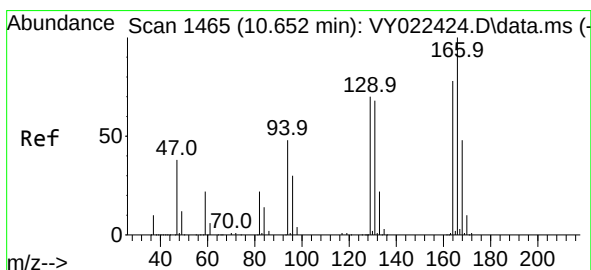
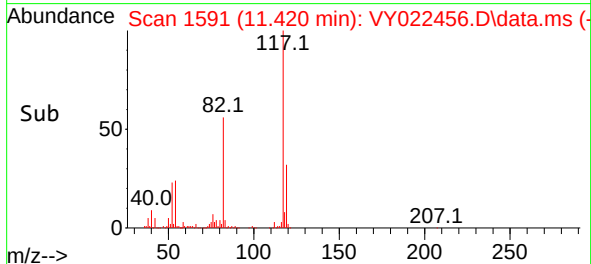
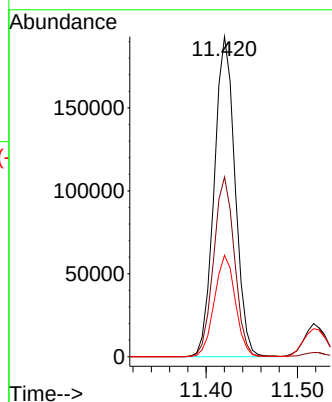
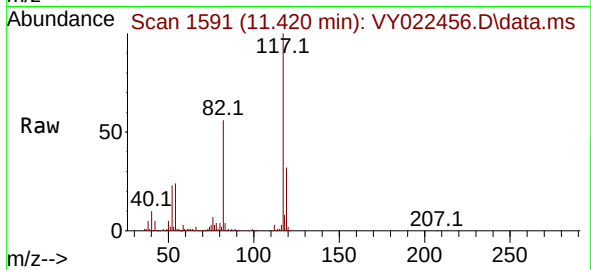
Tgt Ion:117 Resp: 305847

Ion Ratio Lower Upper

117 100

82 56.2 43.3 64.9

119 31.7 24.5 36.7



#64

Tetrachloroethene

Concen: 20.904 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Tgt Ion:164 Resp: 54451

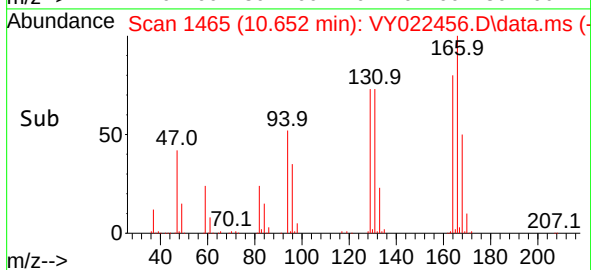
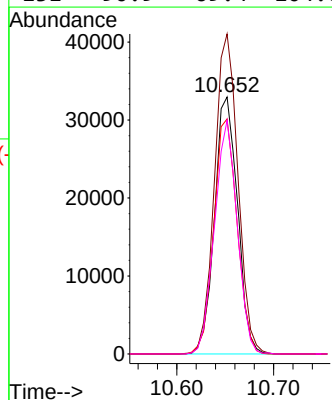
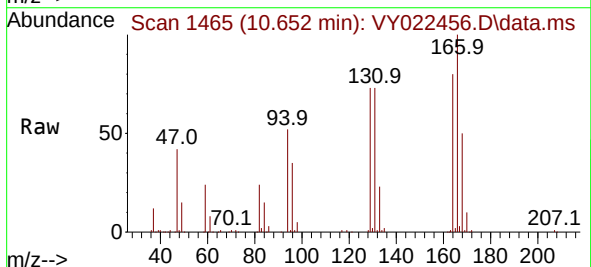
Ion Ratio Lower Upper

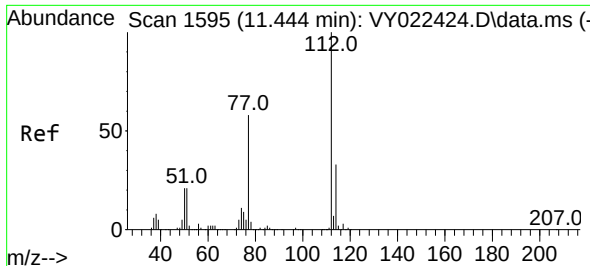
164 100

166 124.5 102.0 153.0

129 91.5 71.3 106.9

131 90.9 69.4 104.0

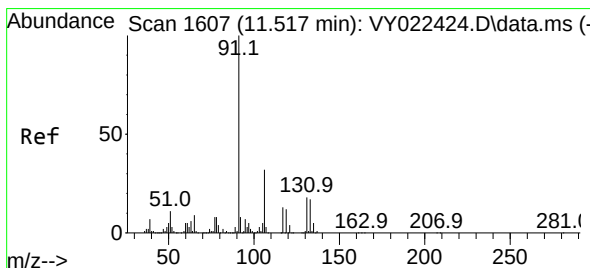
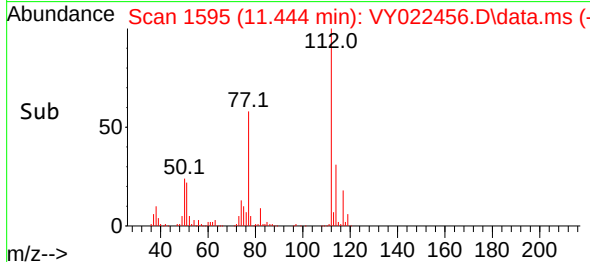
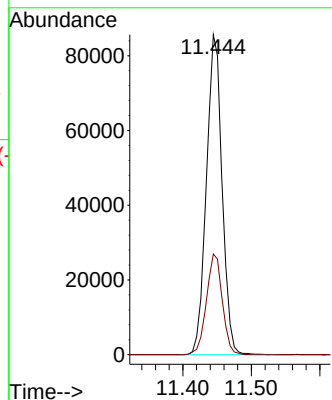
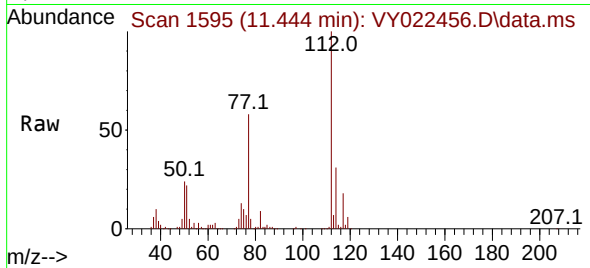




#65
Chlorobenzene
Concen: 20.880 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

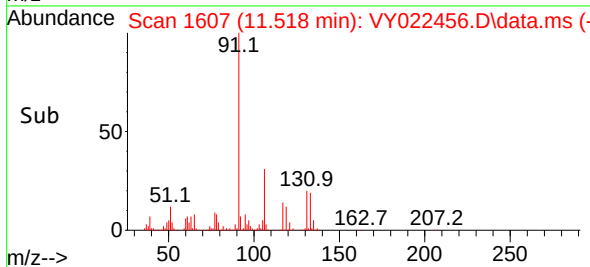
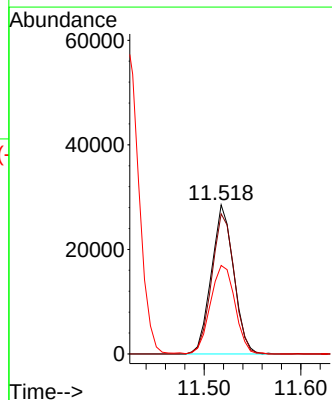
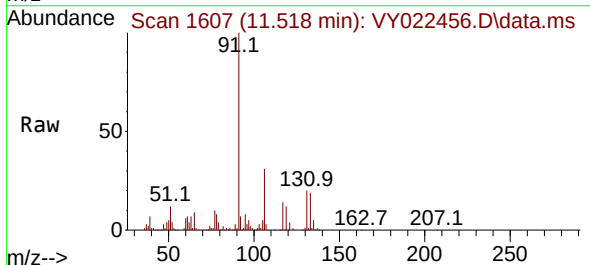
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

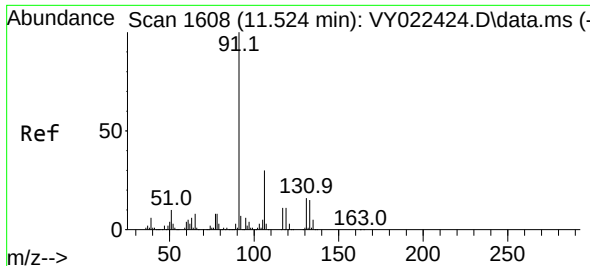
Tgt Ion:112 Resp: 136170
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion:131 Resp: 45682
Ion Ratio Lower Upper
131 100
133 95.0 46.6 139.8
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 20.243 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

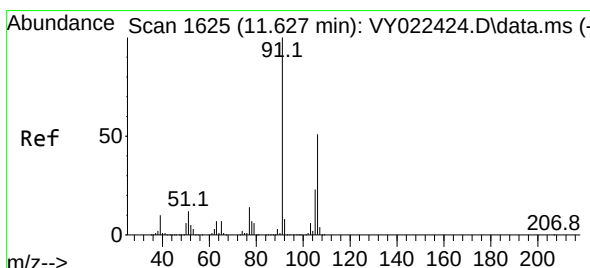
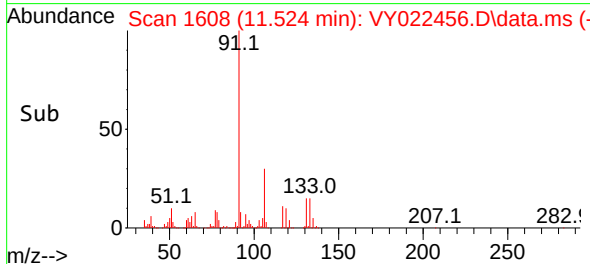
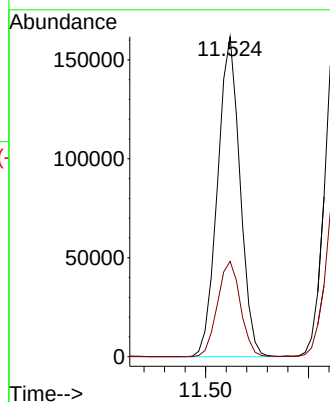
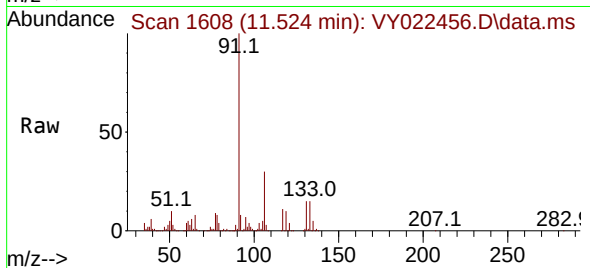
VY0529SBSD01

Tgt Ion: 91 Resp: 245127

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 40.037 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022456.D

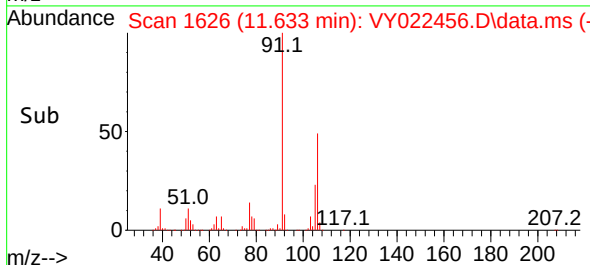
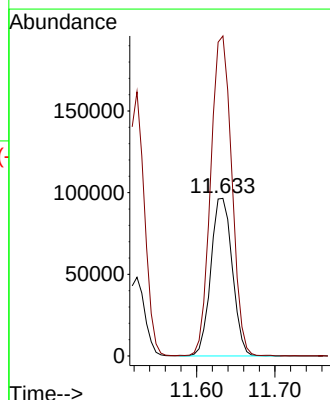
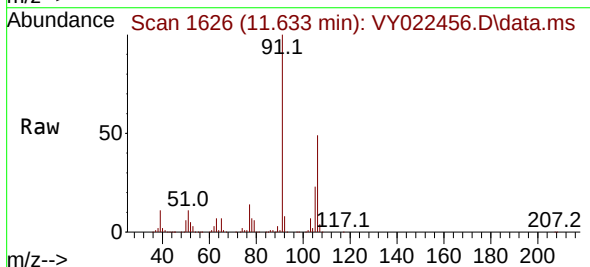
Acq: 29 May 2025 09:50

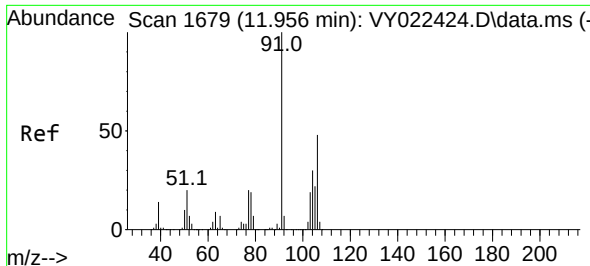
Tgt Ion: 106 Resp: 183812

Ion Ratio Lower Upper

106 100

91 199.6 159.8 239.8

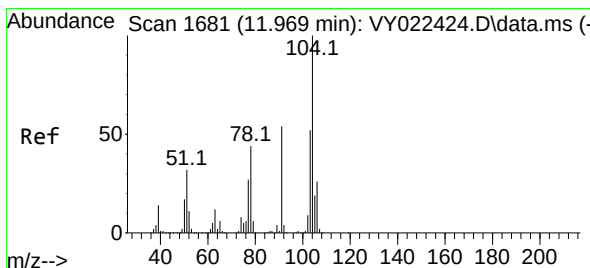
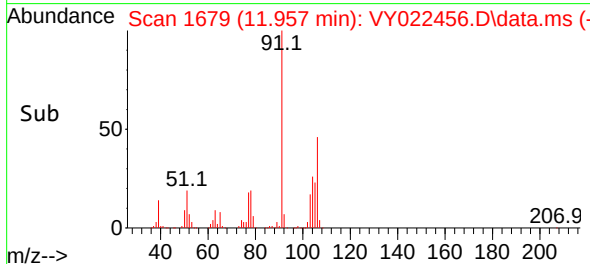
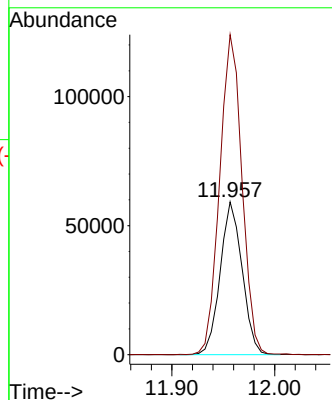
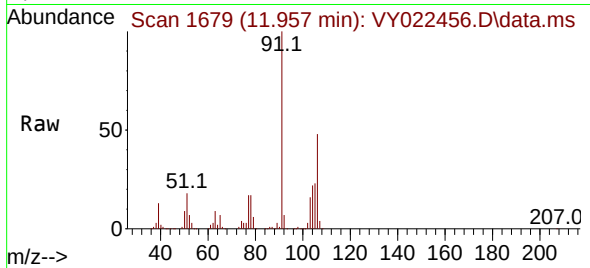




#69
o-Xylene
Concen: 20.343 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

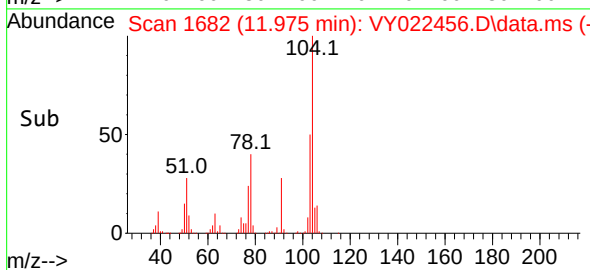
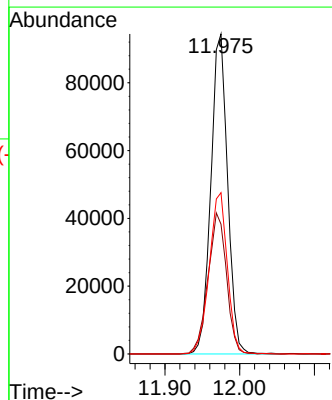
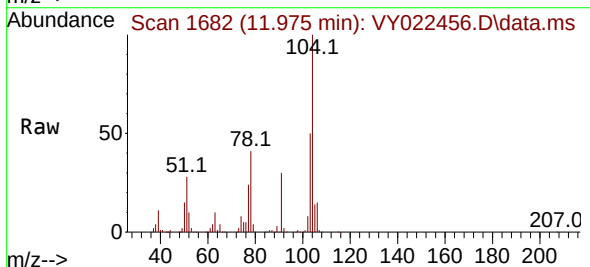
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

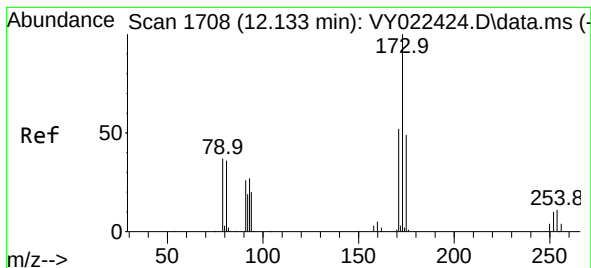
Tgt Ion:106 Resp: 87779
Ion Ratio Lower Upper
106 100
91 213.1 106.3 318.9



#70
Styrene
Concen: 20.424 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion:104 Resp: 146742
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 54.5 43.4 65.2





#71

Bromoform

Concen: 20.865 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBSD01

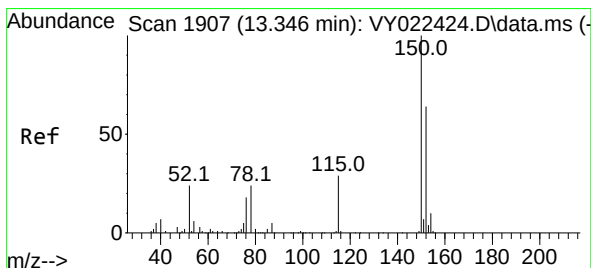
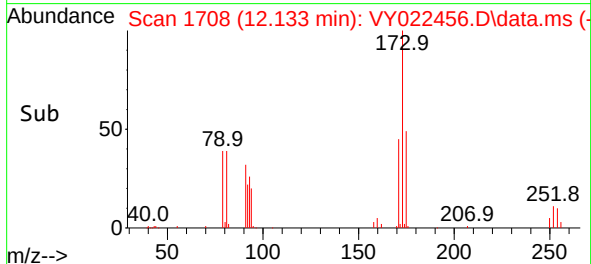
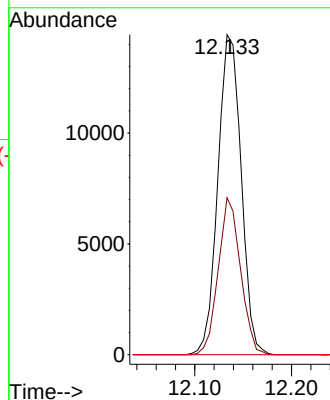
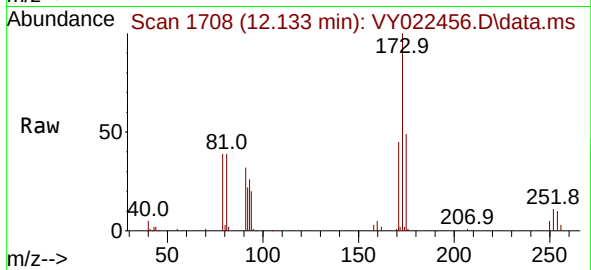
Tgt Ion:173 Resp: 24149

Ion Ratio Lower Upper

173 100

175 46.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

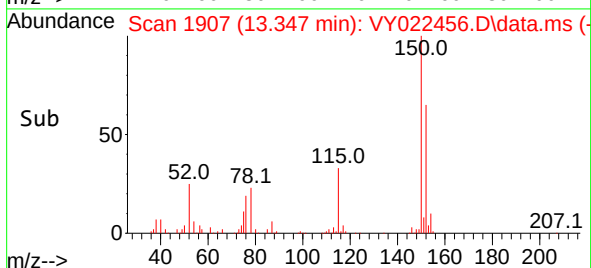
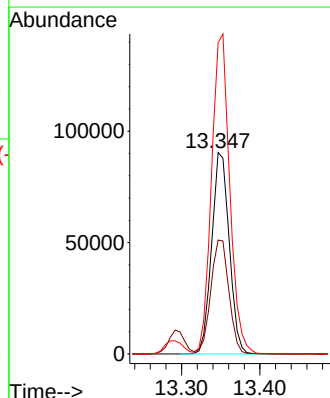
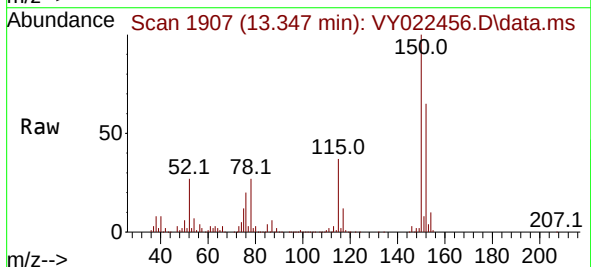
Tgt Ion:152 Resp: 140548

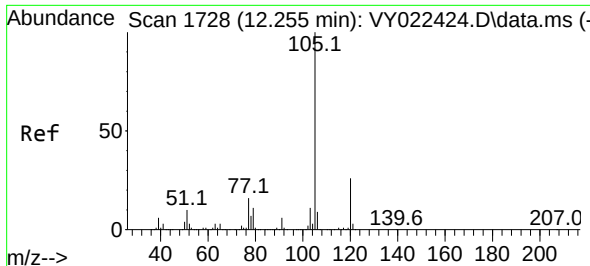
Ion Ratio Lower Upper

152 100

115 58.3 28.4 85.3

150 164.8 0.0 345.8

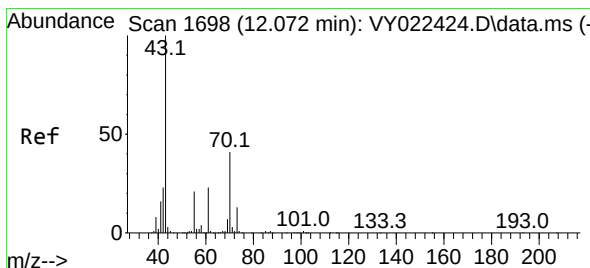
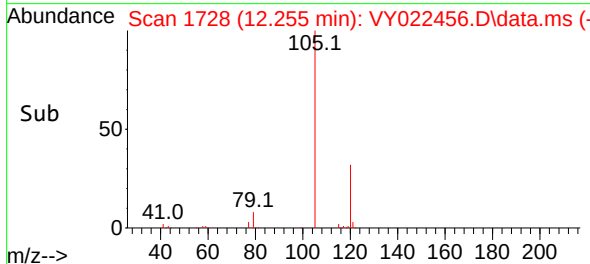
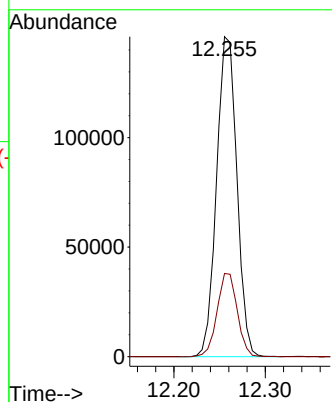
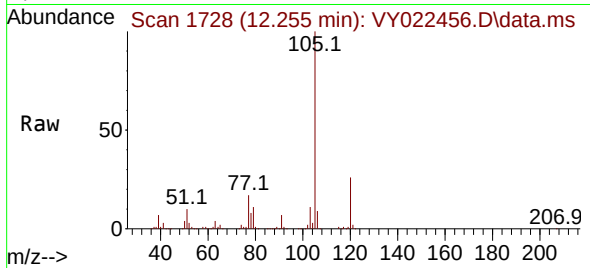




#73
Isopropylbenzene
Concen: 20.435 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

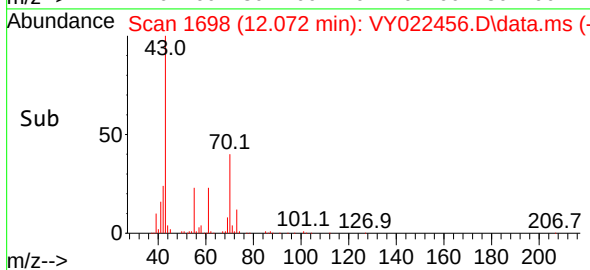
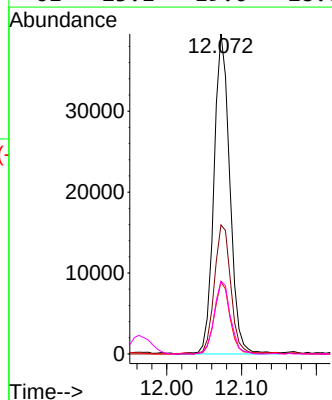
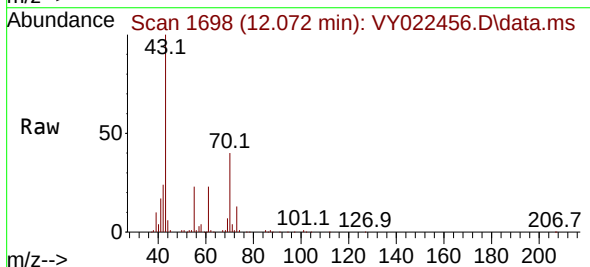
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

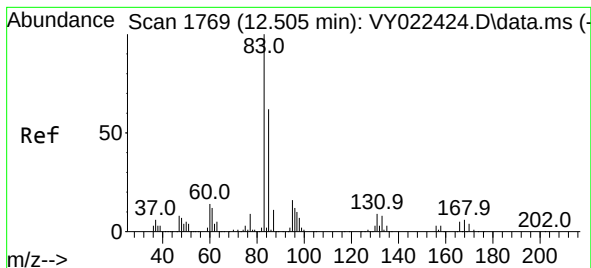
Tgt Ion:105 Resp: 226043
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5



#74
N-ethyl acetate
Concen: 21.701 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 43 Resp: 58739
Ion Ratio Lower Upper
43 100
70 41.5 33.0 49.4
55 22.2 17.5 26.3
61 23.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.786 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

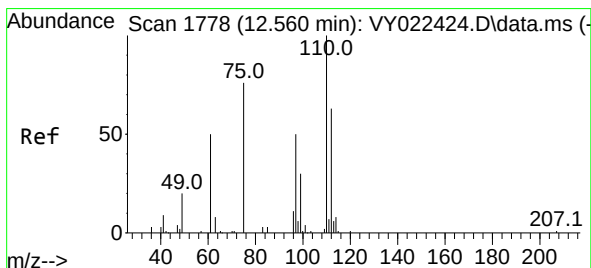
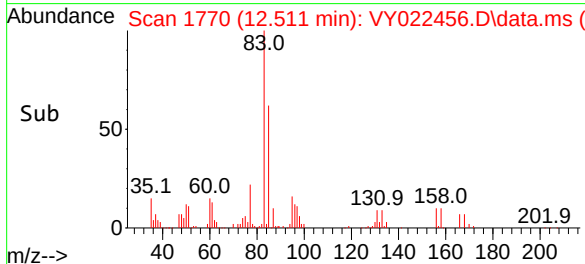
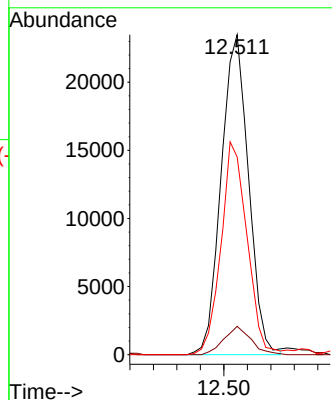
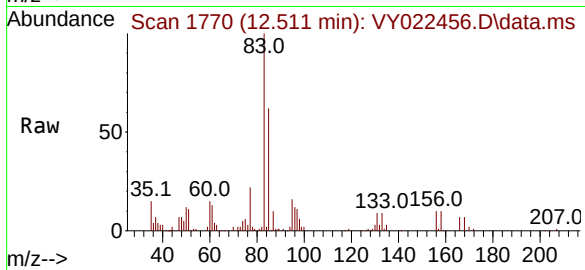
Tgt Ion: 83 Resp: 37969

Ion Ratio Lower Upper

83 100

131 8.7 4.8 14.4

85 63.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 38.773 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022456.D

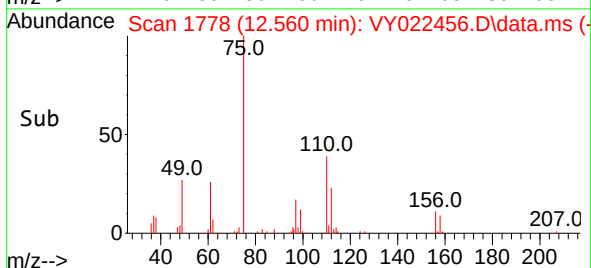
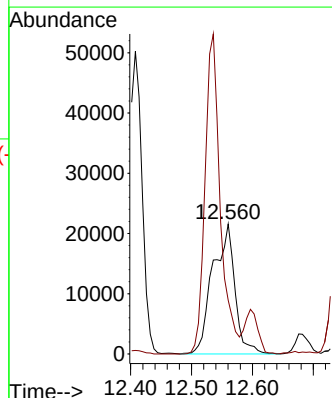
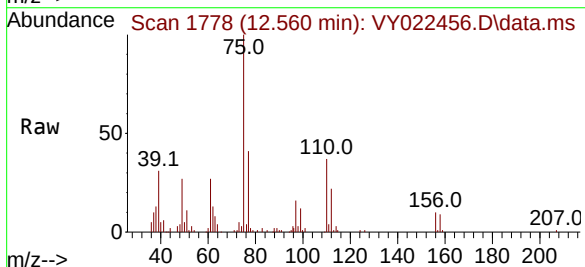
Acq: 29 May 2025 09:50

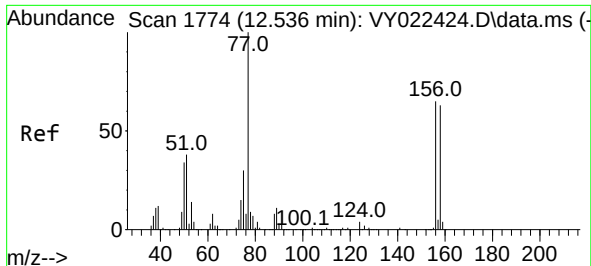
Tgt Ion: 75 Resp: 54585

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

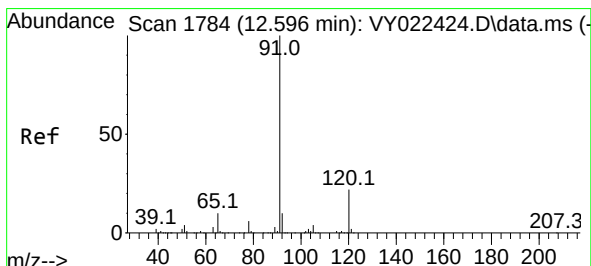
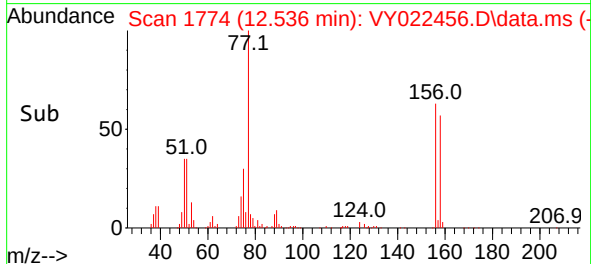
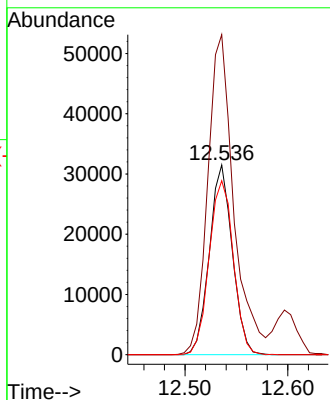
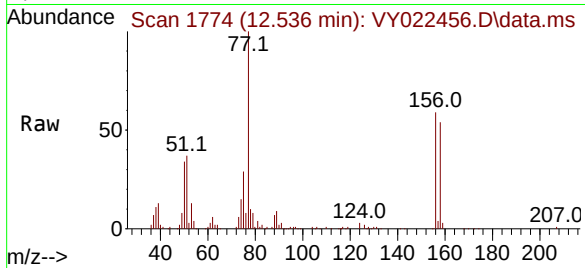




#77
Bromobenzene
Concen: 20.522 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

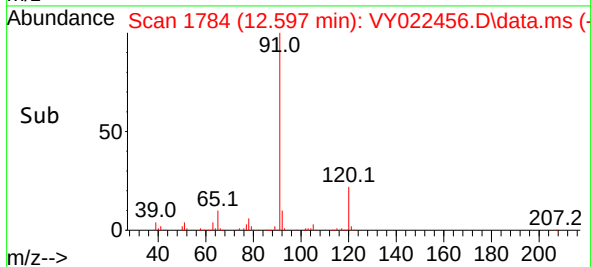
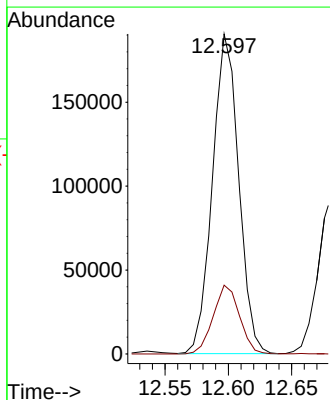
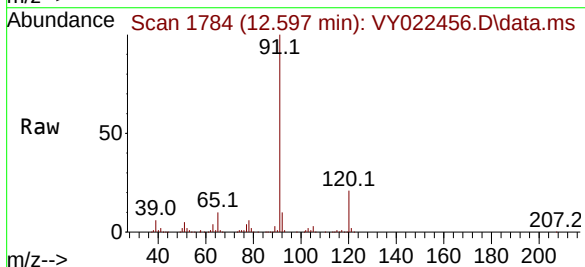
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

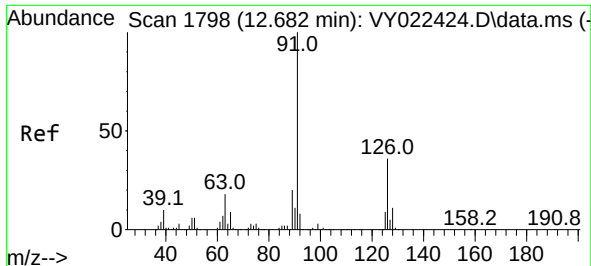
Tgt Ion:156 Resp: 48852
Ion Ratio Lower Upper
156 100
77 190.4 91.4 274.2
158 96.8 48.1 144.3



#78
n-propylbenzene
Concen: 20.673 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 91 Resp: 274435
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.5

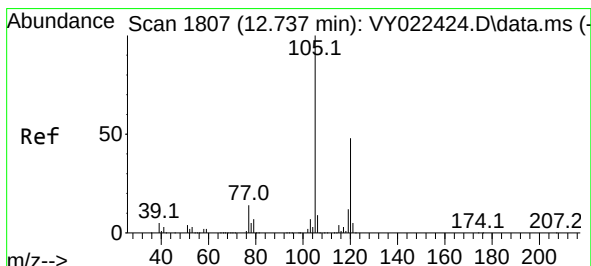
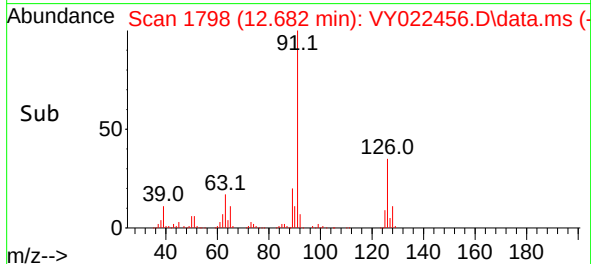
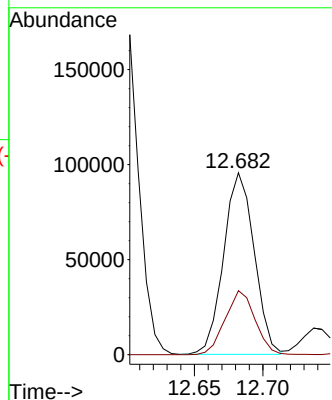
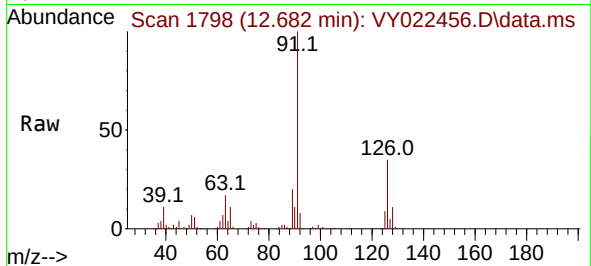




#79
2-Chlorotoluene
Concen: 20.680 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

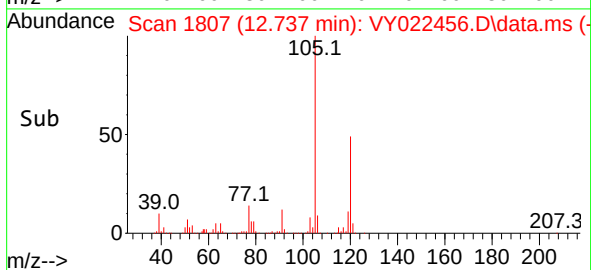
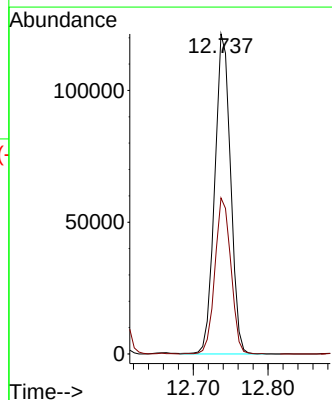
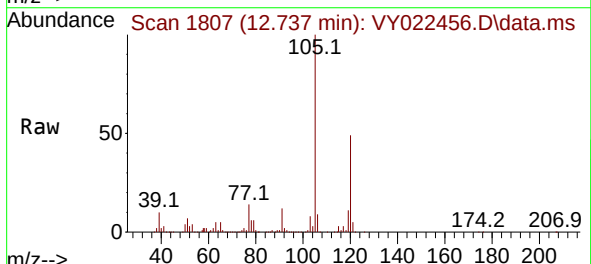
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

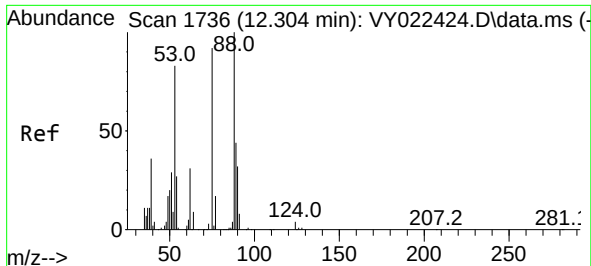
Tgt Ion: 91 Resp: 148607
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.742 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion:105 Resp: 179270
Ion Ratio Lower Upper
105 100
120 49.2 24.3 73.0

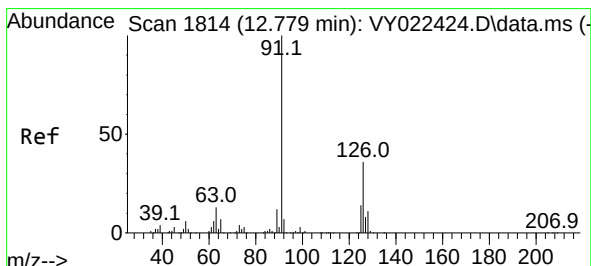
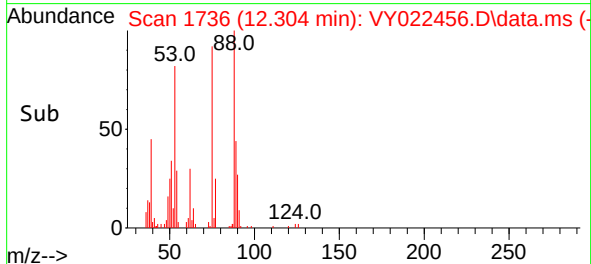
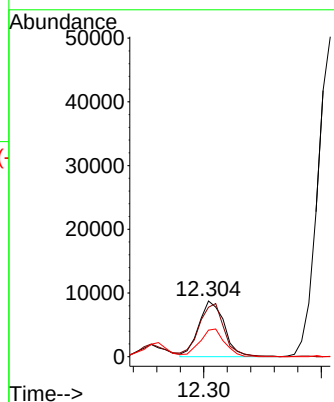
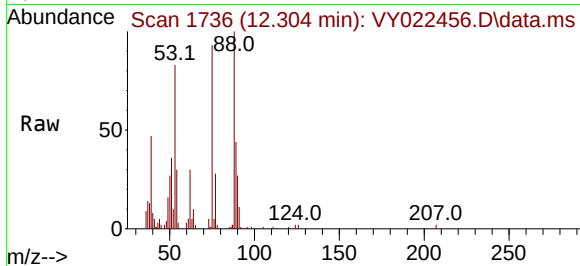




#81
trans-1,4-Dichloro-2-butene
Concen: 21.252 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

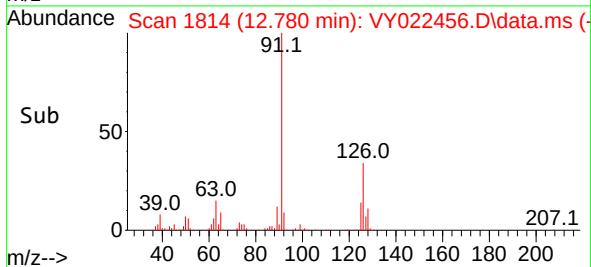
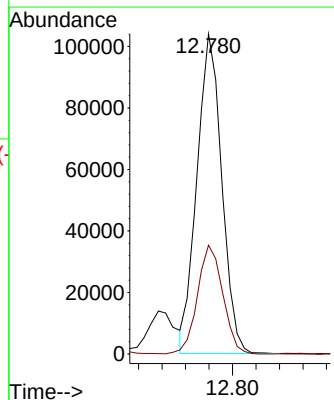
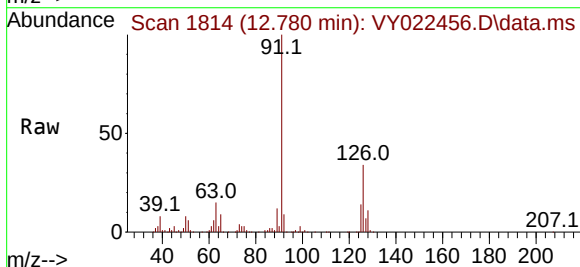
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

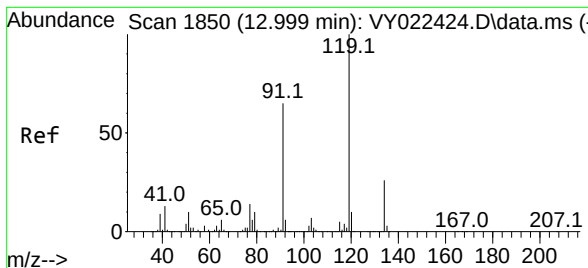
Tgt Ion: 75 Resp: 13230
Ion Ratio Lower Upper
75 100
53 94.1 75.1 112.7
89 48.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.594 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 91 Resp: 152410
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.194 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

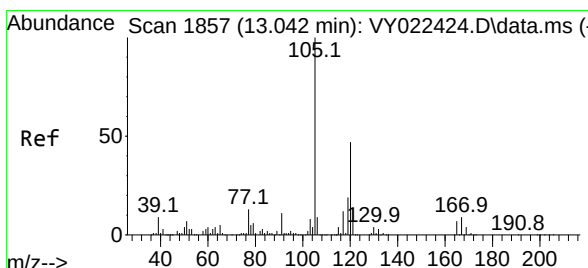
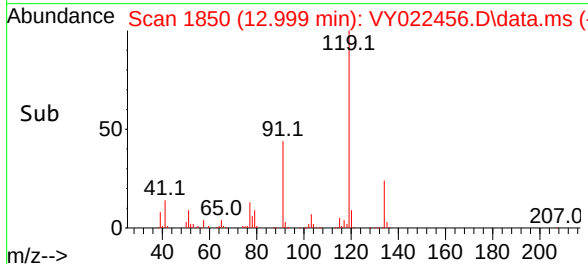
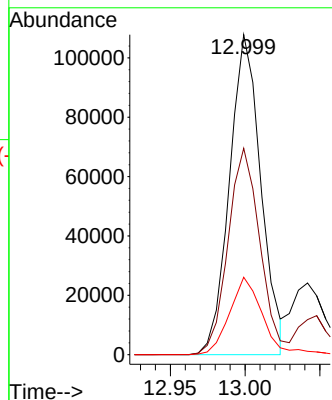
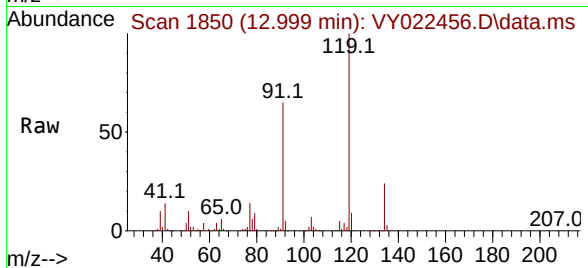
Tgt Ion:119 Resp: 157690

Ion Ratio Lower Upper

119 100

91 65.8 31.8 95.3

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.566 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022456.D

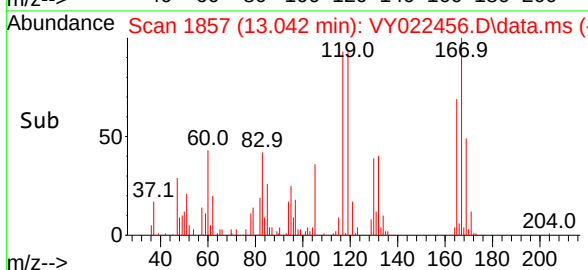
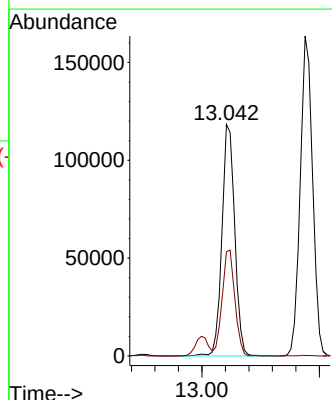
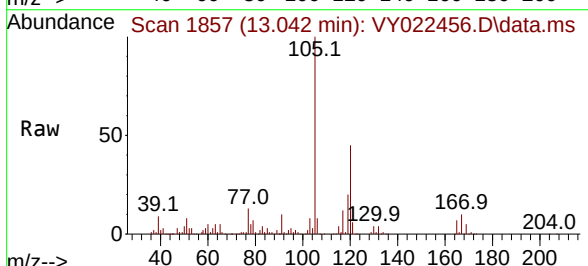
Acq: 29 May 2025 09:50

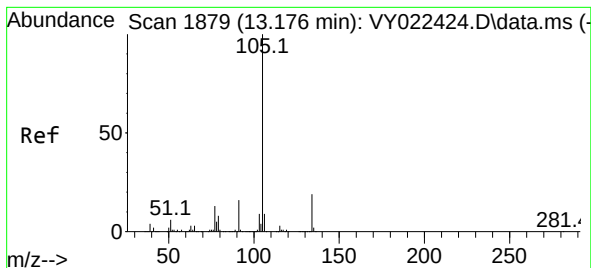
Tgt Ion:105 Resp: 178877

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.613 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

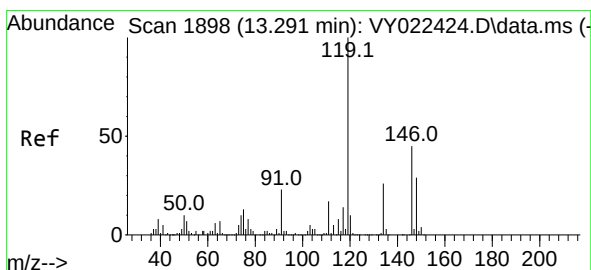
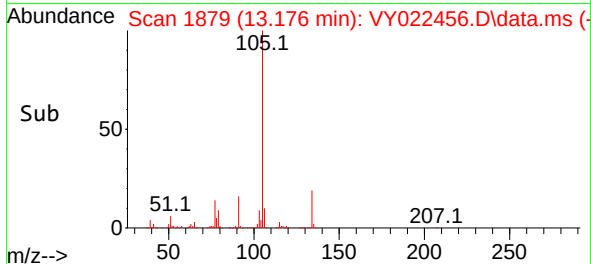
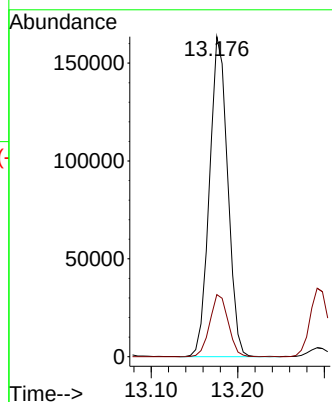
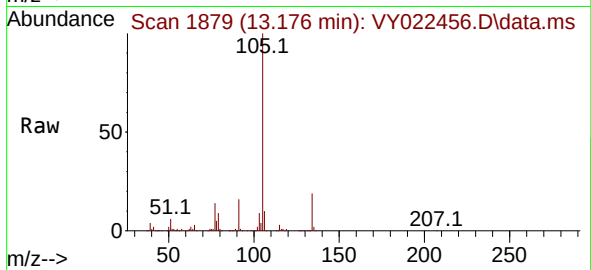
VY0529SBSD01

Tgt Ion:105 Resp: 238715

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.268 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

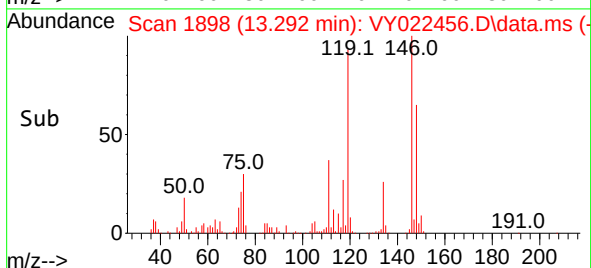
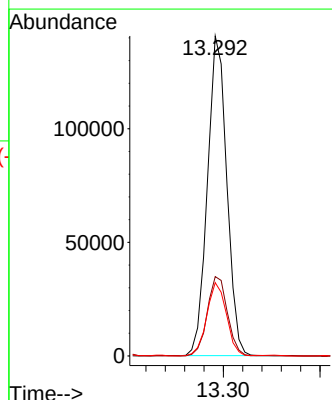
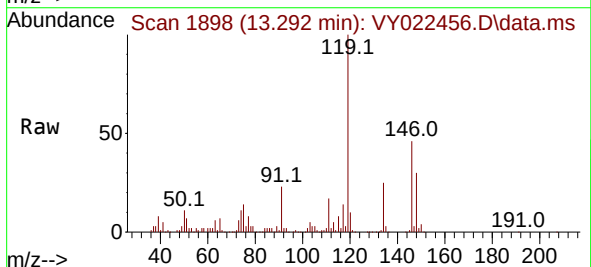
Tgt Ion:119 Resp: 196000

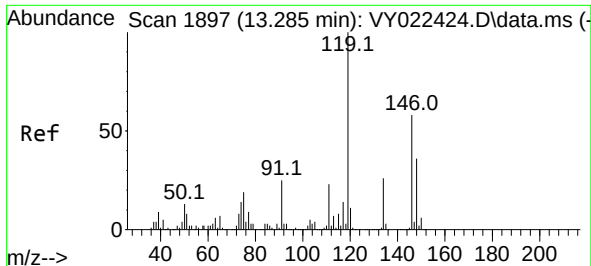
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.1 11.6 34.8

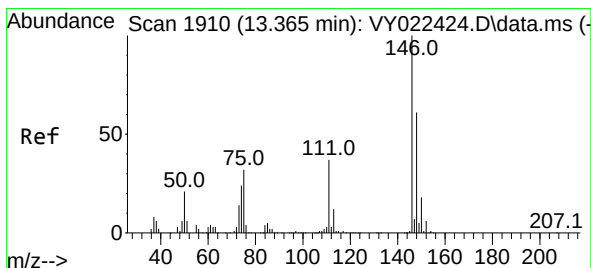
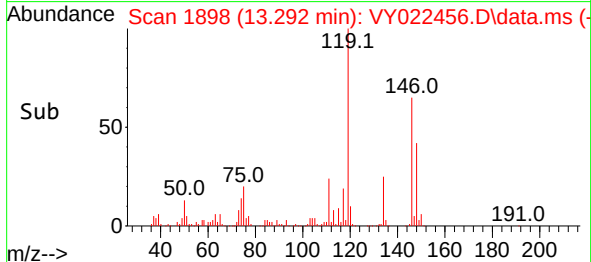
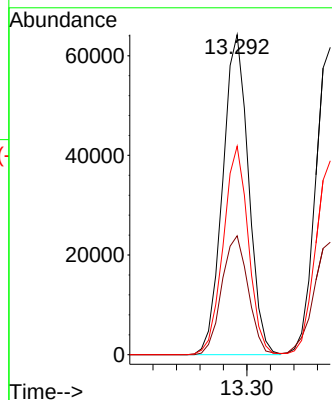
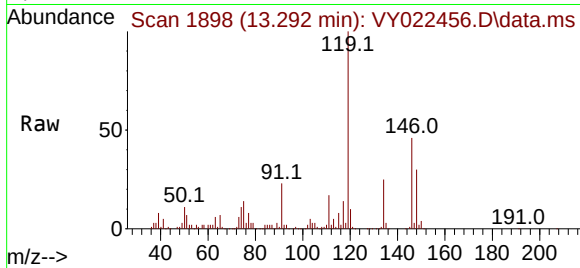




#87
1,3-Dichlorobenzene
Concen: 20.454 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

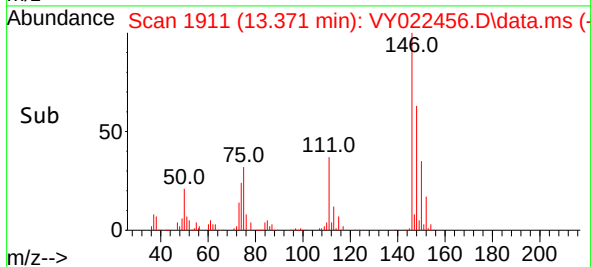
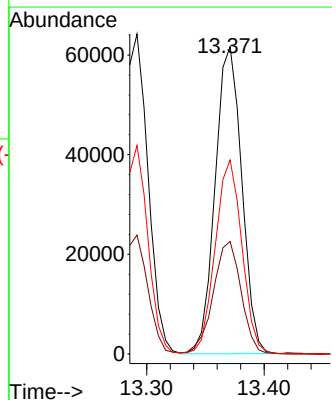
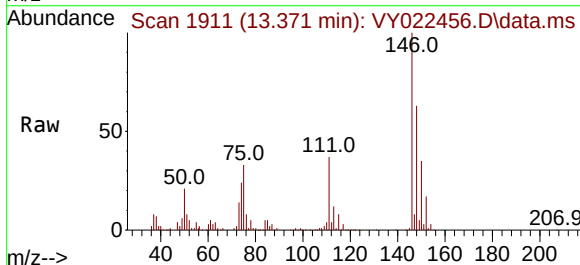
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

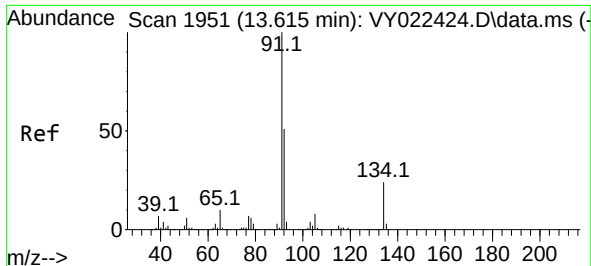
Tgt Ion:146 Resp: 97966
Ion Ratio Lower Upper
146 100
111 38.1 19.6 58.8
148 63.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 21.194 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion:146 Resp: 97065
Ion Ratio Lower Upper
146 100
111 38.6 18.7 56.1
148 63.4 31.4 94.3

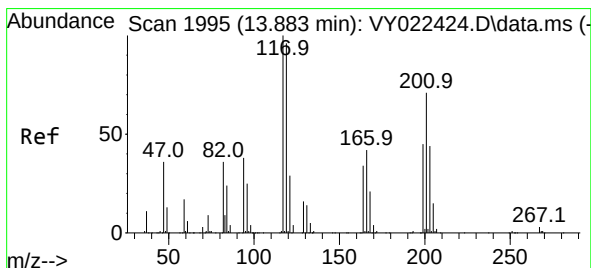
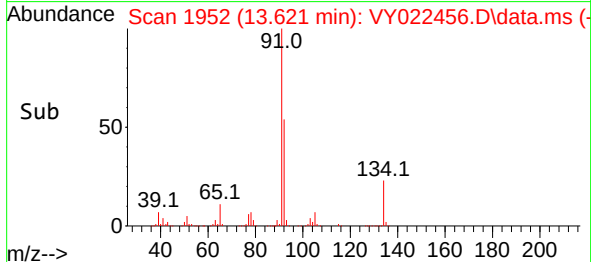
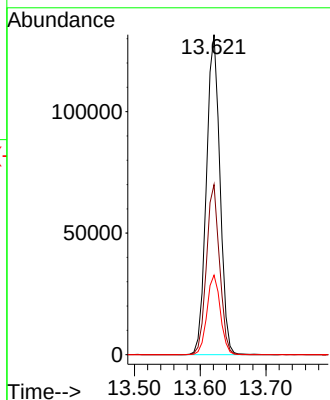
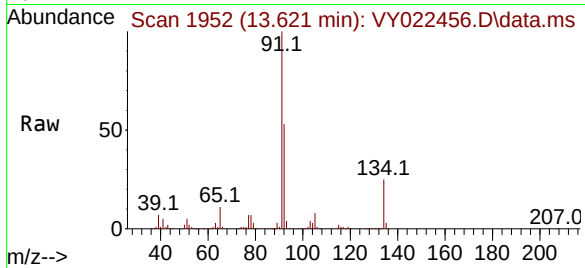




#89
n-Butylbenzene
Concen: 20.785 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

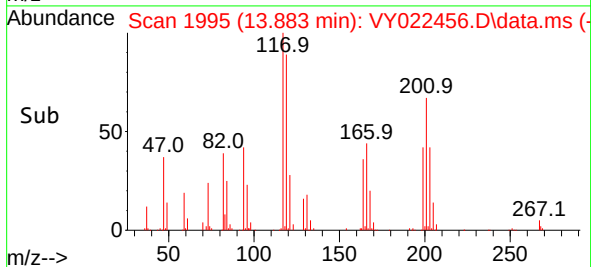
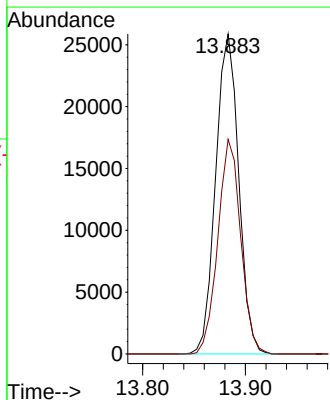
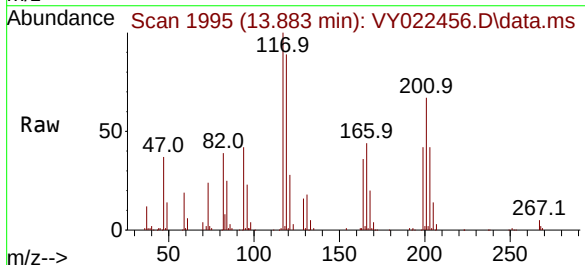
Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBSD01

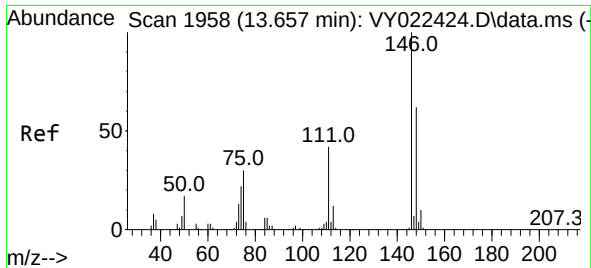
Tgt Ion: 91 Resp: 188466
Ion Ratio Lower Upper
91 100
92 51.5 25.9 77.6
134 24.6 12.4 37.0



#90
Hexachloroethane
Concen: 20.858 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022456.D
Acq: 29 May 2025 09:50

Tgt Ion: 117 Resp: 40139
Ion Ratio Lower Upper
117 100
201 66.8 35.0 105.0

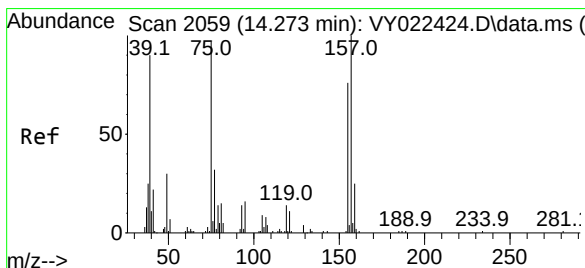
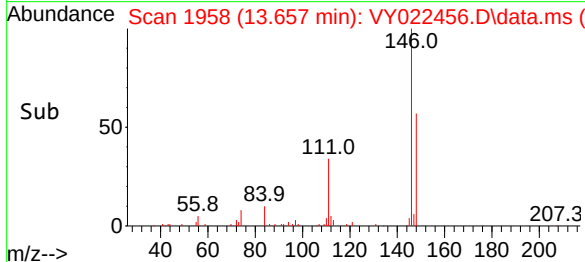
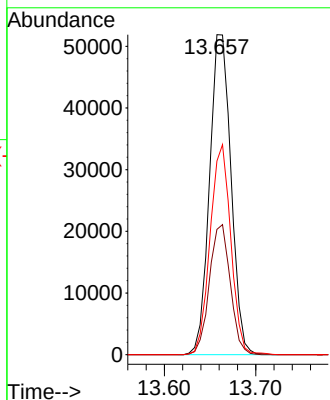
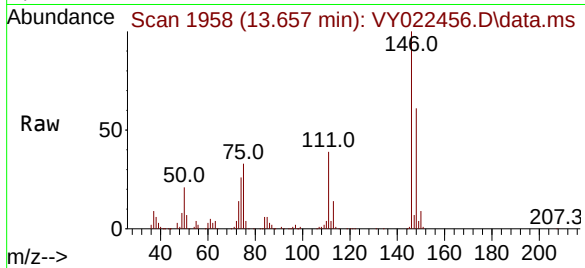




#91
 1,2-Dichlorobenzene
 Concen: 21.142 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

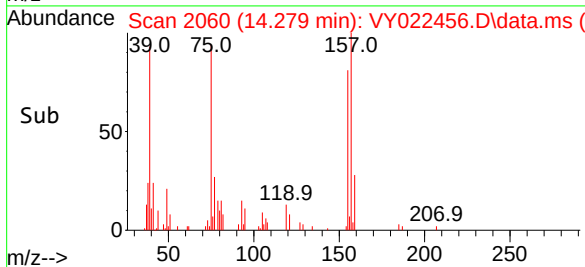
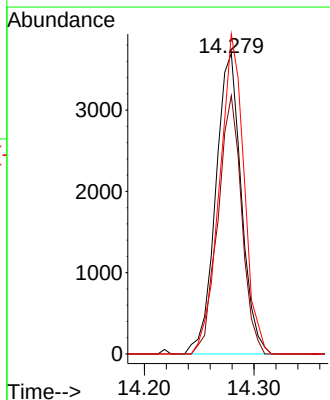
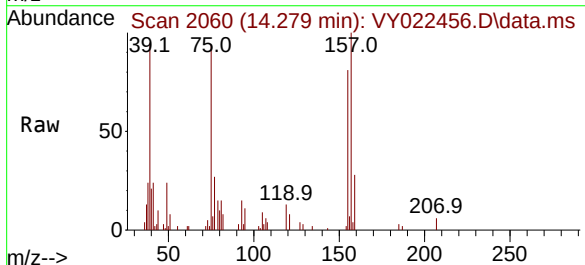
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

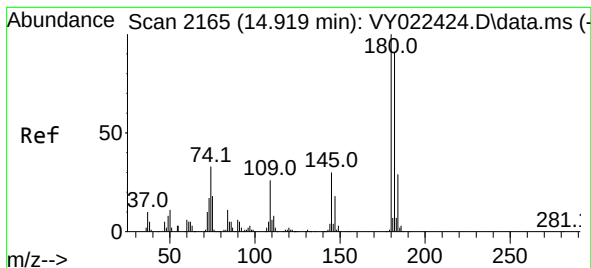
Tgt Ion:146 Resp: 84578
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.5 61.6
 148 63.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.291 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022456.D
 Acq: 29 May 2025 09:50

Tgt Ion: 75 Resp: 6003
 Ion Ratio Lower Upper
 75 100
 155 79.8 42.3 126.8
 157 101.8 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 21.699 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBSD01

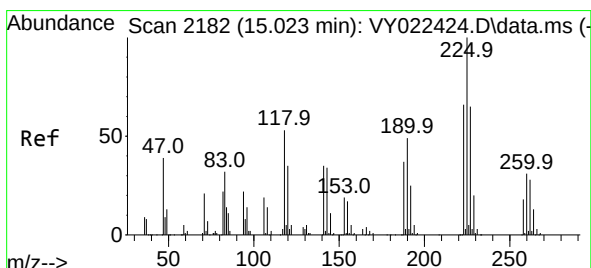
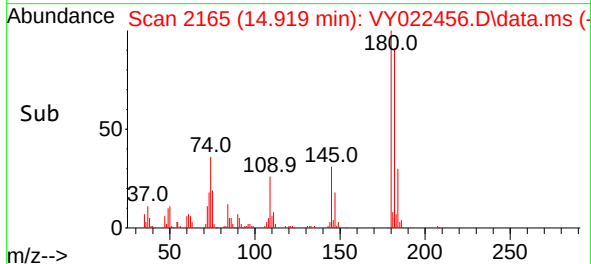
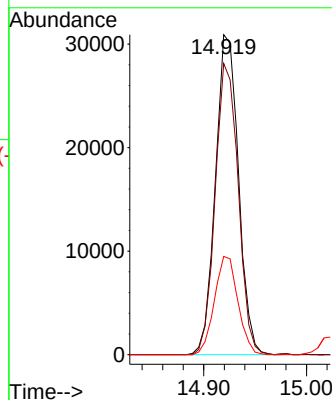
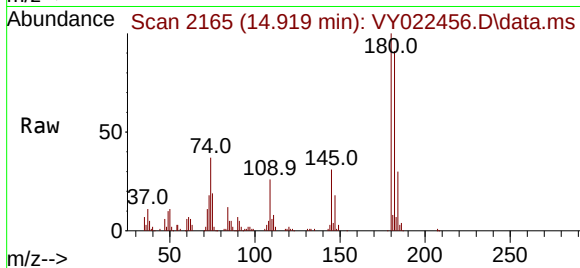
Tgt Ion:180 Resp: 48125

Ion Ratio Lower Upper

180 100

182 90.7 46.2 138.6

145 31.3 14.2 42.8



#94

Hexachlorobutadiene

Concen: 21.380 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

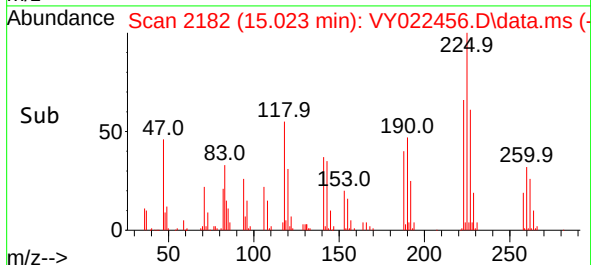
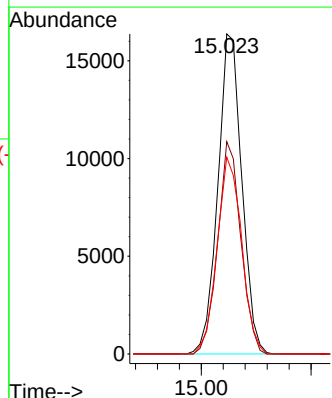
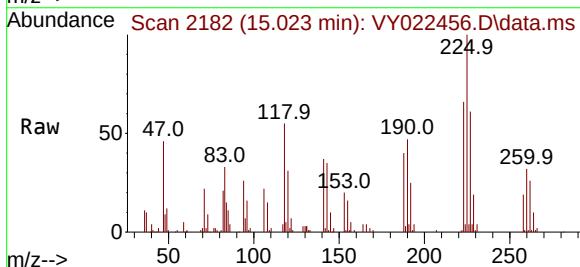
Tgt Ion:225 Resp: 24884

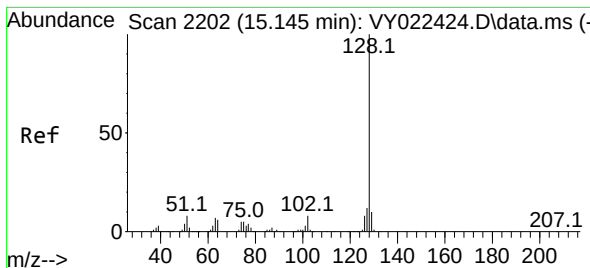
Ion Ratio Lower Upper

225 100

223 63.9 32.6 97.7

227 62.9 33.0 99.0





#95

Naphthalene

Concen: 22.342 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0529SBS01

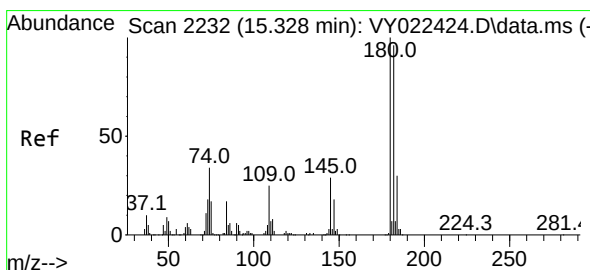
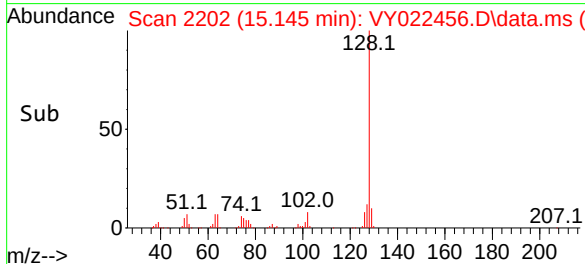
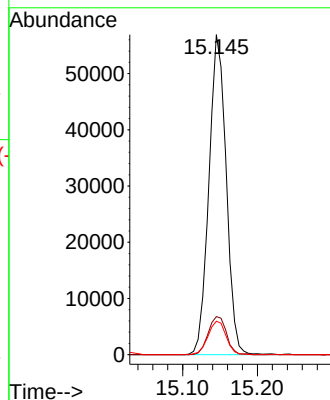
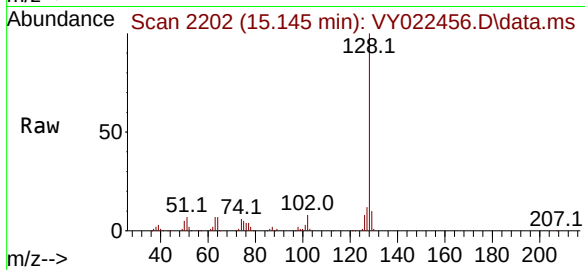
Tgt Ion:128 Resp: 91603

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.968 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022456.D

Acq: 29 May 2025 09:50

Tgt Ion:180 Resp: 39958

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.3

145 32.2 14.9 44.5

