

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022332.D
 Acq On : 20 May 2025 10:43
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Quant Time: May 21 01:44:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	169930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	290999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	242816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	114105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93693	50.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.900%	
35) Dibromofluoromethane	7.634	113	88946	51.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.109	98	354104	49.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.408	95	106409	47.194	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	36582	20.631	ug/l	98
3) Chloromethane	2.068	50	100155	26.852	ug/l	97
4) Vinyl Chloride	2.202	62	116153	27.873	ug/l	95
5) Bromomethane	2.592	94	116162	34.242	ug/l	97
6) Chloroethane	2.733	64	80085	30.891	ug/l	97
7) Trichlorofluoromethane	3.050	101	104425	24.750	ug/l	98
8) Diethyl Ether	3.458	74	21092	20.831	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	40062	21.872	ug/l	98
10) Methyl Iodide	4.001	142	42650	20.118	ug/l	97
11) Tert butyl alcohol	4.885	59	15627	110.188	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	38757	21.322	ug/l	93
13) Acrolein	3.647	56	15501	74.765	ug/l	97
14) Allyl chloride	4.385	41	59919	18.800	ug/l	93
15) Acrylonitrile	5.061	53	45604	109.306	ug/l	99
16) Acetone	3.879	43	33618	96.539	ug/l	96
17) Carbon Disulfide	4.098	76	122812	20.720	ug/l	99
18) Methyl Acetate	4.385	43	22475	20.470	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	107372	21.423	ug/l	97
20) Methylene Chloride	4.616	84	44052	19.577	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	41579	20.724	ug/l	93
22) Diisopropyl ether	6.019	45	132222	19.645	ug/l	98
23) Vinyl Acetate	5.958	43	405343	99.687	ug/l	98
24) 1,1-Dichloroethane	5.915	63	77831	20.699	ug/l	98
25) 2-Butanone	6.896	43	59685	102.465	ug/l	99
26) 2,2-Dichloropropane	6.884	77	64389	19.252	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	48984	21.157	ug/l	96
28) Bromochloromethane	7.244	49	31117	19.401	ug/l	97
29) Tetrahydrofuran	7.262	42	40974	109.338	ug/l	96
30) Chloroform	7.421	83	76866	21.312	ug/l	100
31) Cyclohexane	7.701	56	73428	19.544	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	67791	20.487	ug/l	100
36) 1,1-Dichloropropene	7.835	75	56708	19.823	ug/l	99
37) Ethyl Acetate	6.988	43	28592	20.772	ug/l	96
38) Carbon Tetrachloride	7.817	117	58800	19.856	ug/l	99
39) Methylcyclohexane	9.109	83	74814	19.465	ug/l	98
40) Benzene	8.079	78	171947	20.275	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15257	16.710	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	47245	20.600	ug/l	99
43) Isopropyl Acetate	8.195	43	59680	19.881	ug/l	98
44) Trichloroethene	8.866	130	42693	20.246	ug/l	93
45) 1,2-Dichloropropane	9.140	63	40614	19.863	ug/l	99
46) Dibromomethane	9.231	93	22957	20.817	ug/l	97
47) Bromodichloromethane	9.420	83	57766	20.191	ug/l	100
48) Methyl methacrylate	9.219	41	27761	19.775	ug/l	96
49) 1,4-Dioxane	9.231	88	5365	430.632	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	150099	101.903	ug/l	99
52) Toluene	10.170	92	103990	19.364	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55026	19.708	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	63017	19.700	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	29249	20.712	ug/l	97
56) Ethyl methacrylate	10.438	69	44296	20.137	ug/l	99
57) 1,3-Dichloropropane	10.713	76	52068	20.752	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	83344	84.412	ug/l	98
59) 2-Hexanone	10.762	43	99369	100.617	ug/l	97
60) Dibromochloromethane	10.908	129	37017	20.195	ug/l	97
61) 1,2-Dibromoethane	11.012	107	27505	20.897	ug/l	98
64) Tetrachloroethene	10.646	164	45481	20.264	ug/l	97
65) Chlorobenzene	11.444	112	110375	20.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	36365	19.309	ug/l	95
67) Ethyl Benzene	11.518	91	201669	19.657	ug/l	99
68) m/p-Xylenes	11.627	106	153629	39.739	ug/l	96
69) o-Xylene	11.957	106	72117	19.717	ug/l	97
70) Styrene	11.969	104	118550	19.214	ug/l	99
71) Bromoform	12.133	173	20391	20.060	ug/l #	100
73) Isopropylbenzene	12.255	105	190932	20.198	ug/l	100
74) N-amyl acetate	12.072	43	52635	19.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	31351	21.565	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	44649	38.624	ug/l #	100
77) Bromobenzene	12.530	156	40575	20.097	ug/l	99
78) n-propylbenzene	12.597	91	228900	20.075	ug/l	99
79) 2-Chlorotoluene	12.682	91	120552	19.239	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	149517	19.594	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11182	19.595	ug/l	96
82) 4-Chlorotoluene	12.780	91	125421	19.460	ug/l	98
83) tert-Butylbenzene	12.999	119	134072	19.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	146859	19.387	ug/l	100
85) sec-Butylbenzene	13.176	105	198590	19.725	ug/l	100
86) p-Isopropyltoluene	13.292	119	165197	19.509	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	80338	19.492	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	78736	19.860	ug/l	100
89) n-Butylbenzene	13.615	91	158568	19.794	ug/l	99
90) Hexachloroethane	13.877	117	33297	19.480	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	67855	19.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4970	21.200	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	38588	19.296	ug/l	97
94) Hexachlorobutadiene	15.023	225	20554	18.430	ug/l	98
95) Naphthalene	15.145	128	75971	20.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	31508	18.573	ug/l	98

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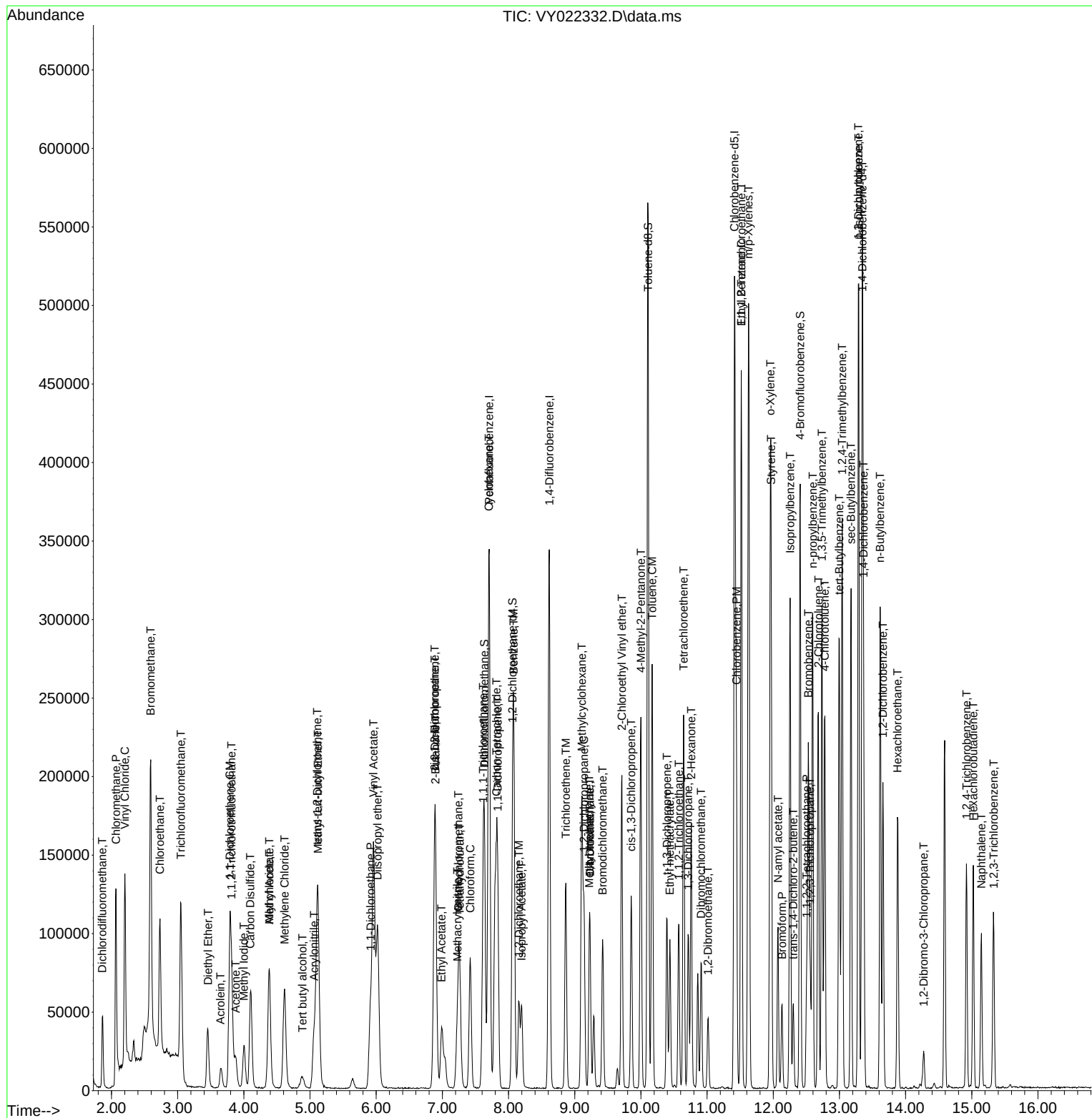
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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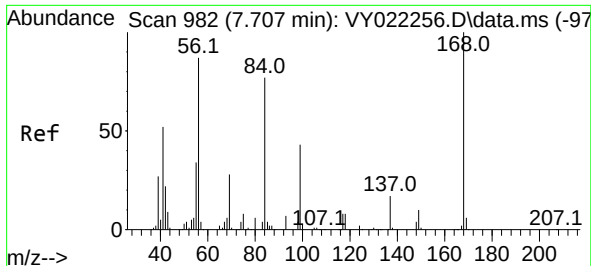
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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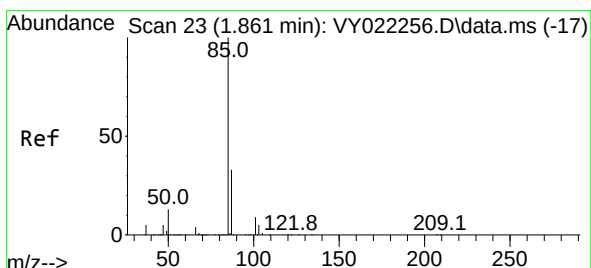
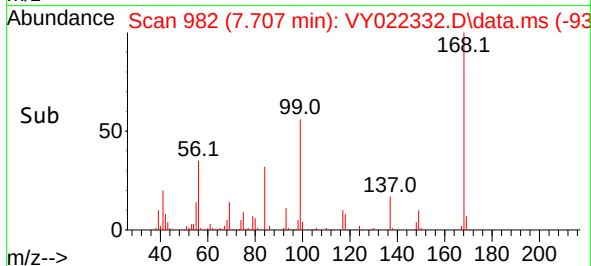
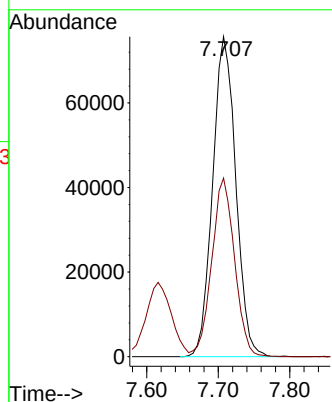
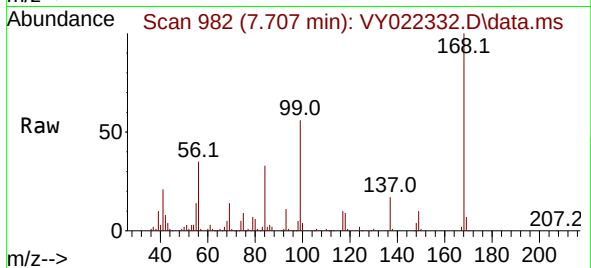




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022332.D
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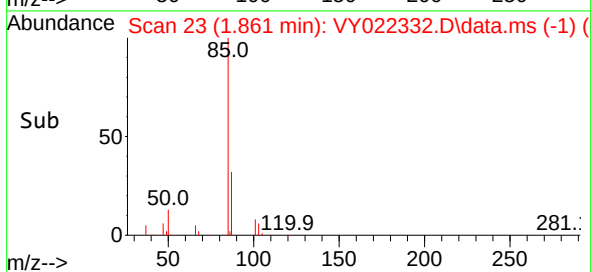
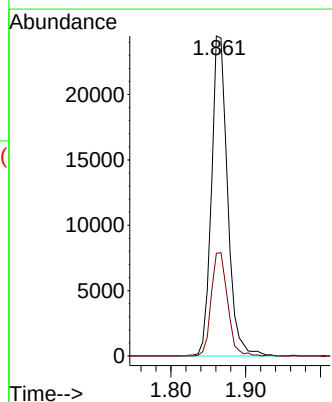
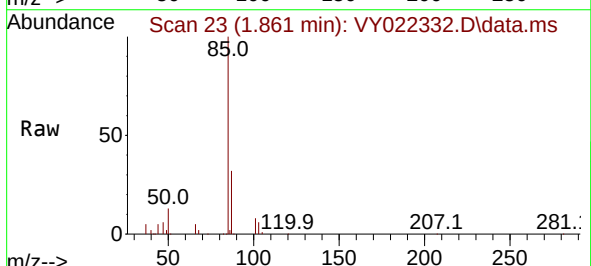
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

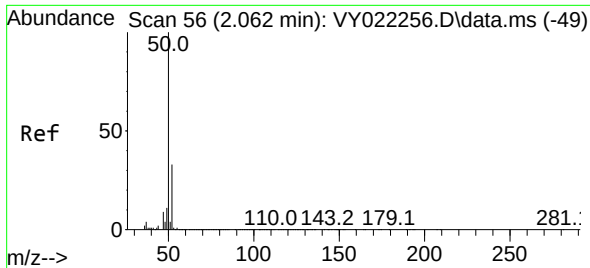
Tgt Ion:168 Resp: 169930
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.631 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 85 Resp: 36582
Ion Ratio Lower Upper
85 100
87 32.1 16.5 49.5

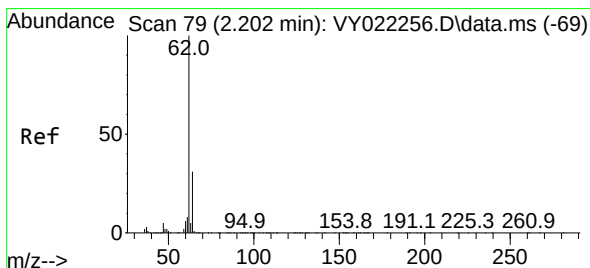
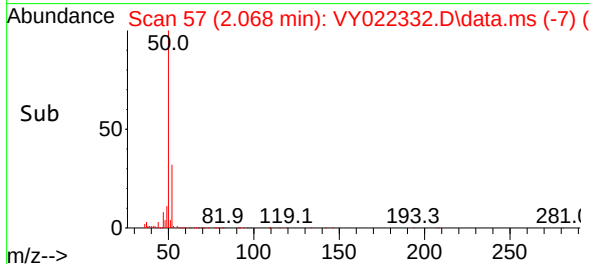
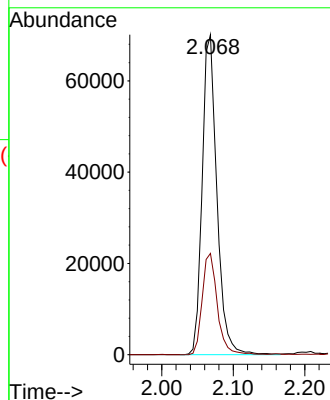
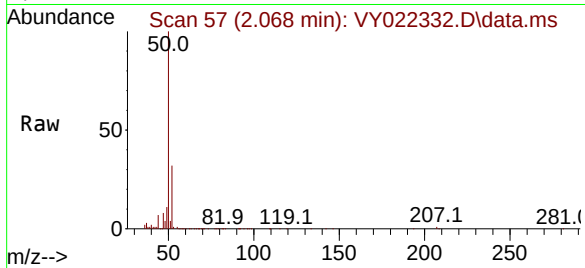




#3
Chloromethane
Concen: 26.852 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022332.D
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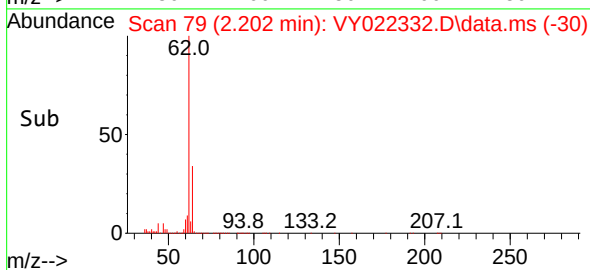
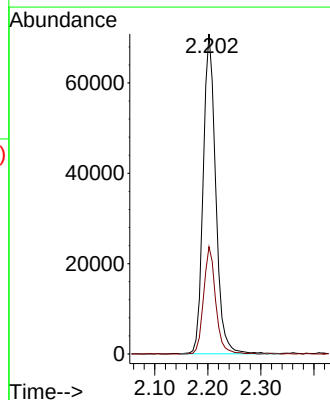
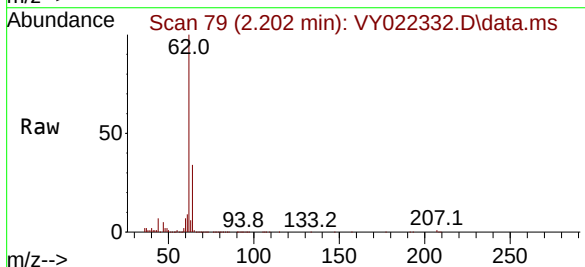
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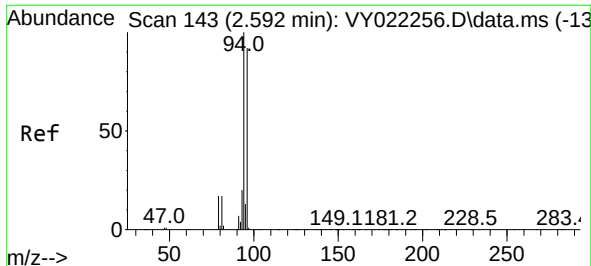
Tgt Ion: 50 Resp: 100155
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7



#4
Vinyl Chloride
Concen: 27.873 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 62 Resp: 116153
Ion Ratio Lower Upper
62 100
64 33.5 24.5 36.7

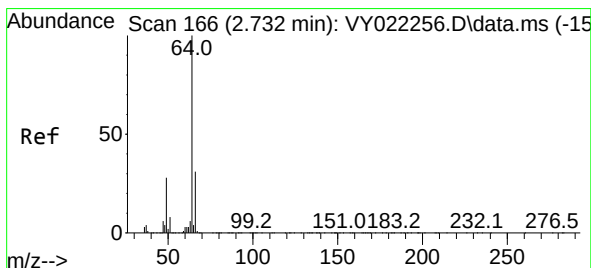
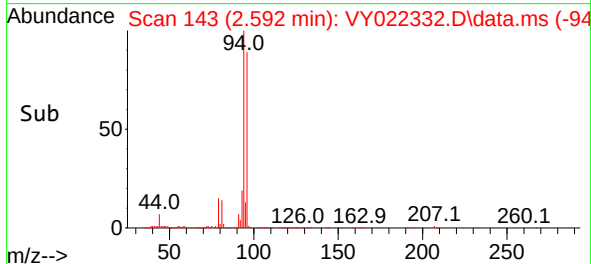
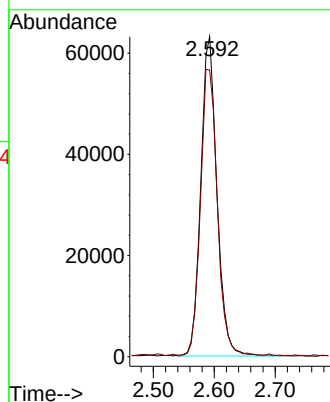
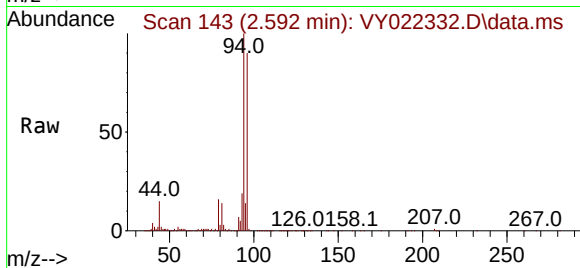




#5
Bromomethane
Concen: 34.242 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022332.D
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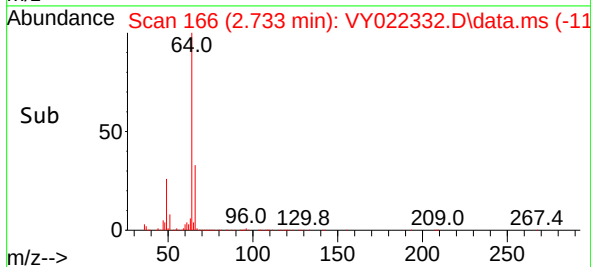
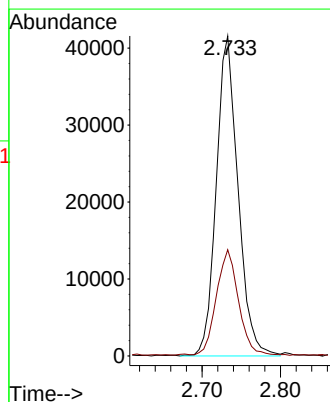
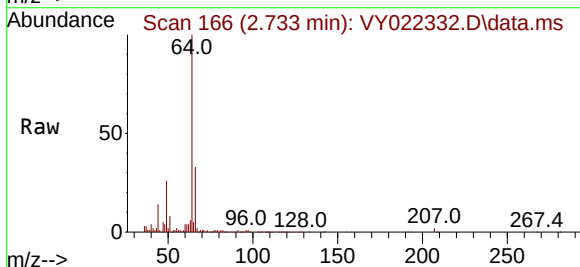
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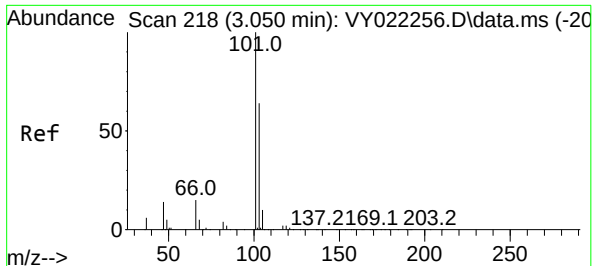
Tgt Ion: 94 Resp: 116162
Ion Ratio Lower Upper
94 100
96 89.3 73.4 110.0



#6
Chloroethane
Concen: 30.891 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 64 Resp: 80085
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2

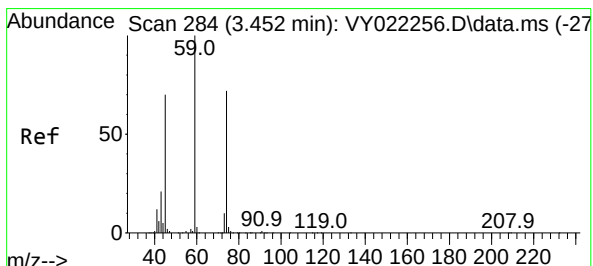
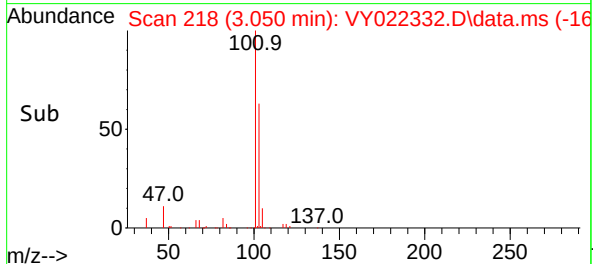
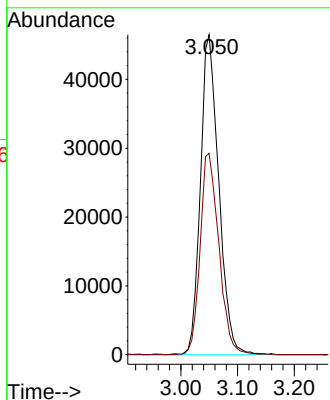
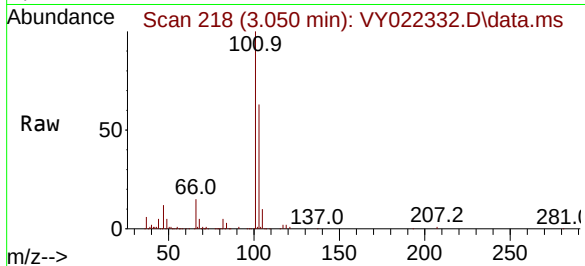




#7
 Trichlorofluoromethane
 Concen: 24.750 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022332.D
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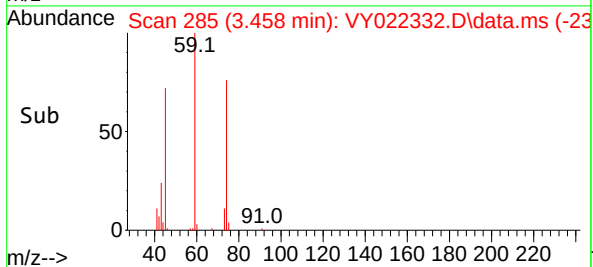
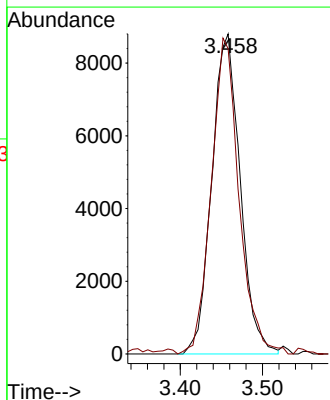
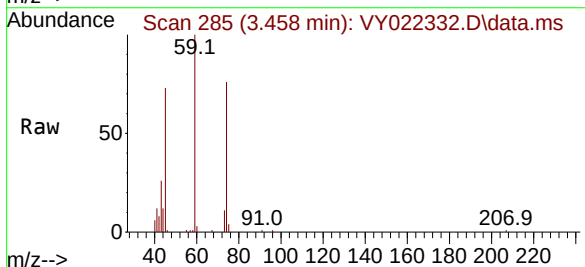
Instrument :
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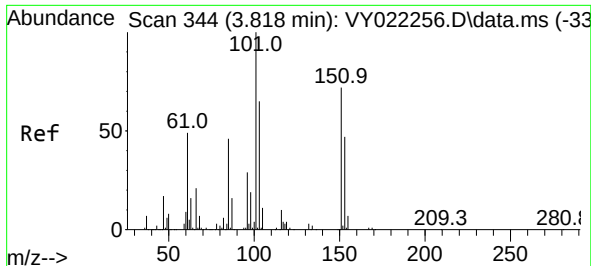
Tgt Ion:101 Resp: 104425
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.831 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022332.D
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Tgt Ion: 74 Resp: 21092
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.6 145.8

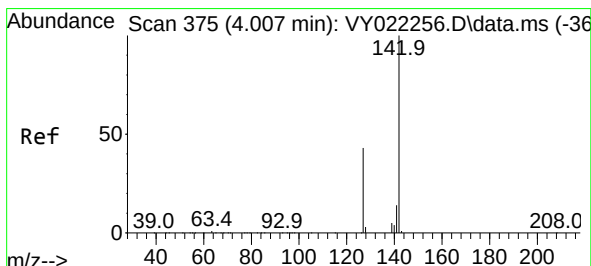
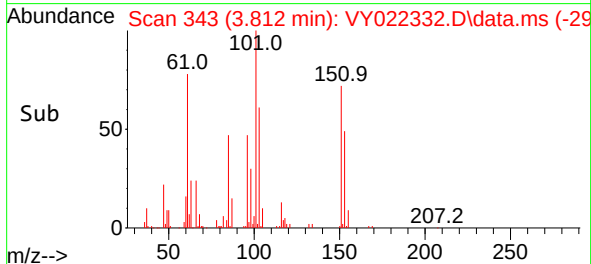
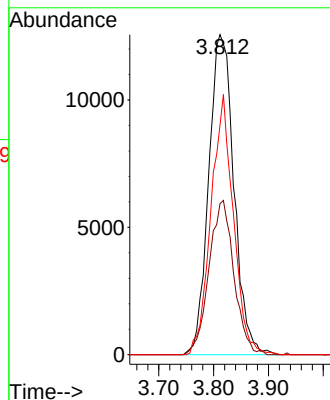
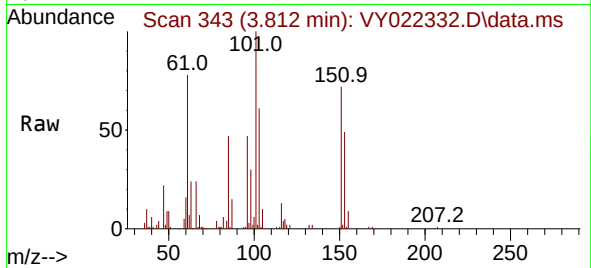




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.872 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

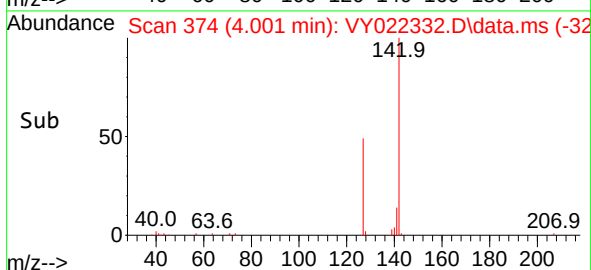
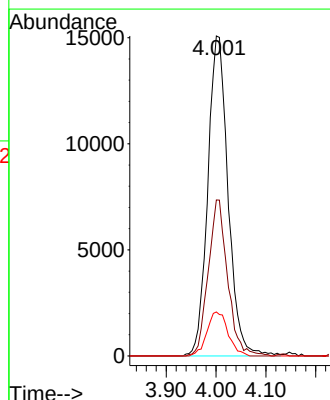
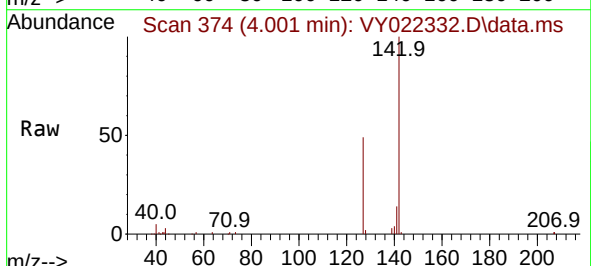
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

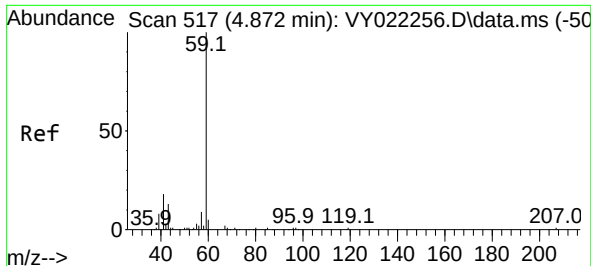
Tgt Ion:101 Resp: 40062
Ion Ratio Lower Upper
101 100
85 47.8 38.6 58.0
151 72.4 59.7 89.5



#10
Methyl Iodide
Concen: 20.118 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion:142 Resp: 42650
Ion Ratio Lower Upper
142 100
127 46.6 35.7 53.5
141 14.3 11.1 16.7

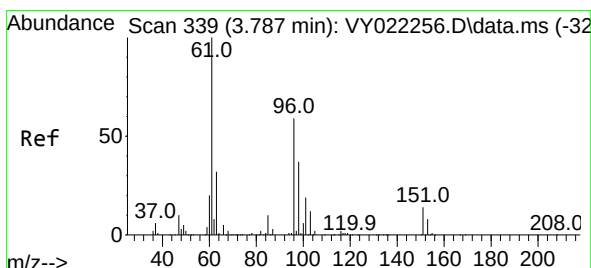
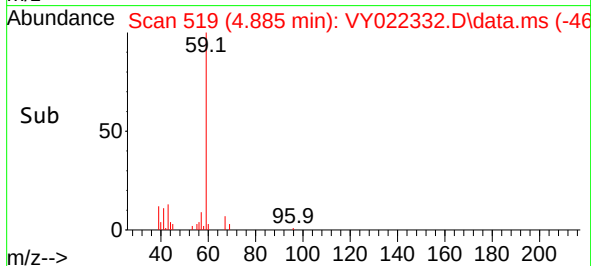
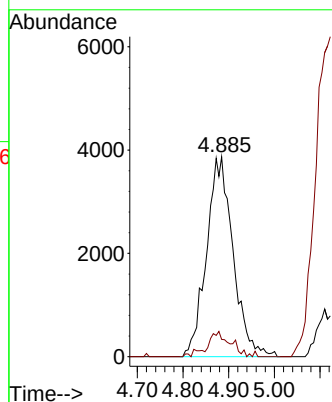
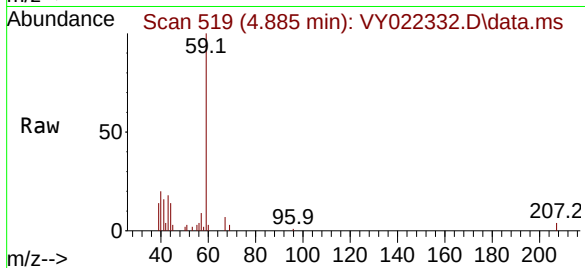




#11
Tert butyl alcohol
Concen: 110.188 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

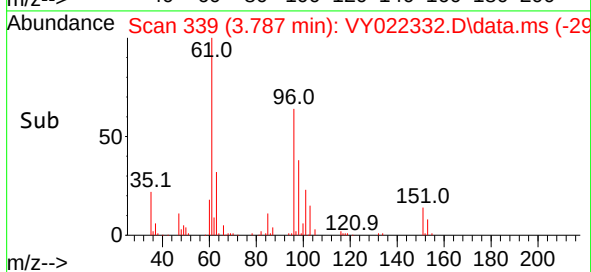
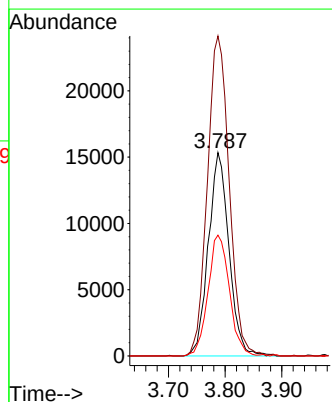
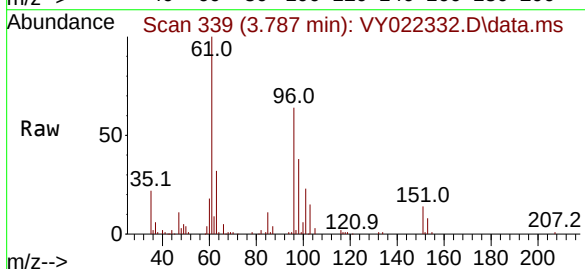
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

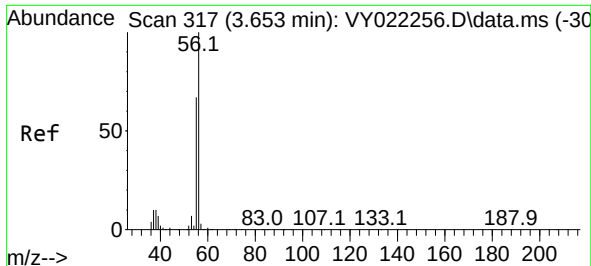
Tgt Ion: 59 Resp: 15627
Ion Ratio Lower Upper
59 100
57 9.3 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.322 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 96 Resp: 38757
Ion Ratio Lower Upper
96 100
61 157.3 134.9 202.3
98 59.3 49.9 74.9

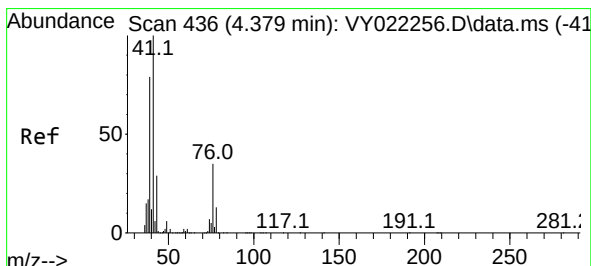
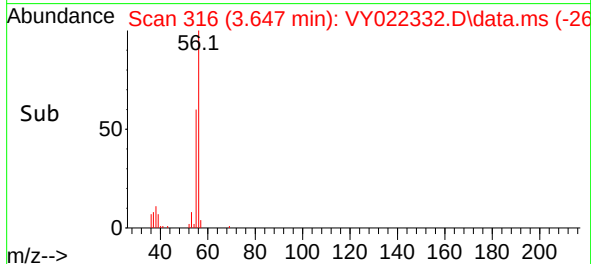
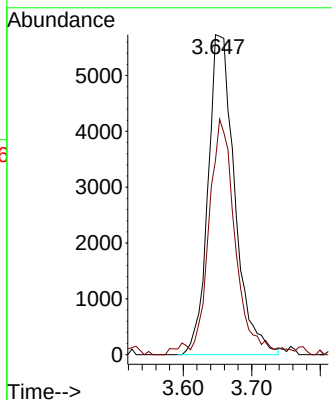
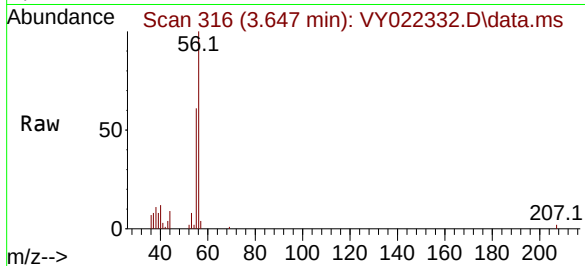




#13
Acrolein
Concen: 74.765 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

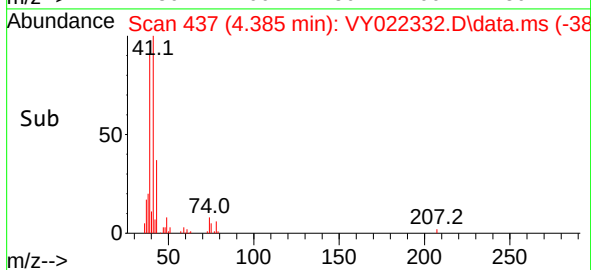
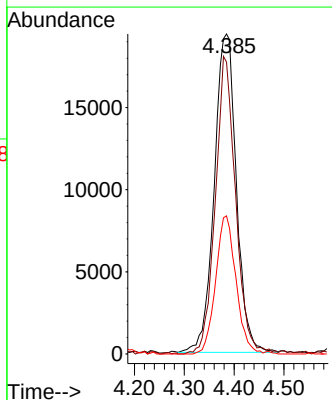
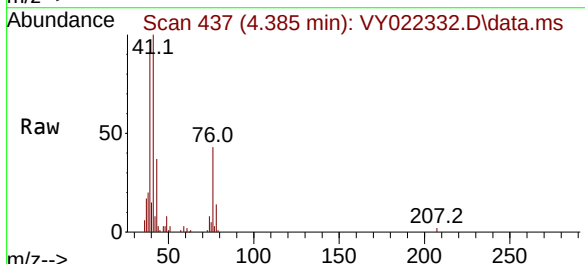
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

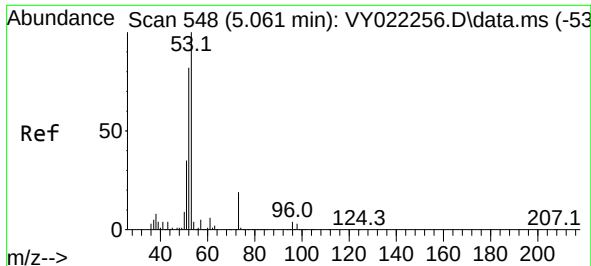
Tgt Ion: 56 Resp: 15501
Ion Ratio Lower Upper
56 100
55 72.1 55.6 83.4



#14
Allyl chloride
Concen: 18.800 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 41 Resp: 59919
Ion Ratio Lower Upper
41 100
39 85.6 63.4 95.0
76 39.7 29.5 44.3

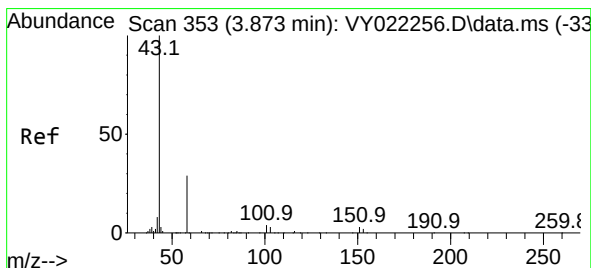
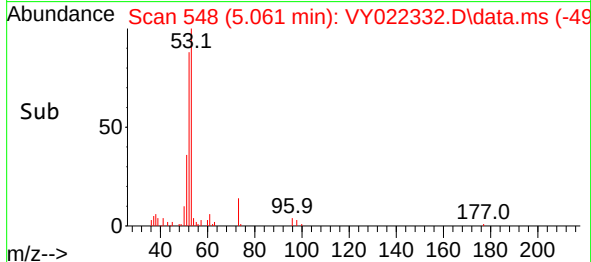
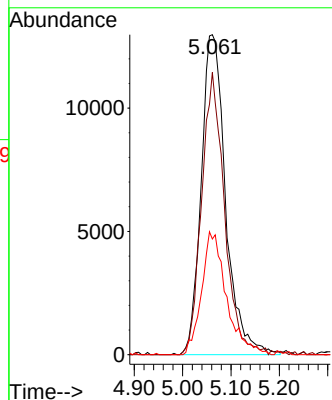
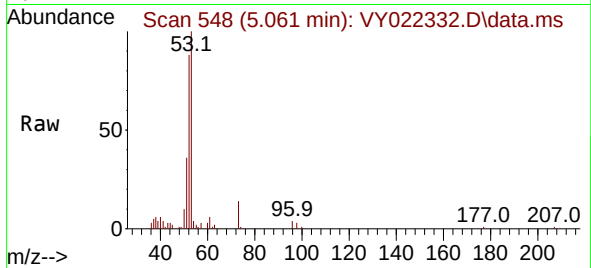




#15
Acrylonitrile
Concen: 109.306 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

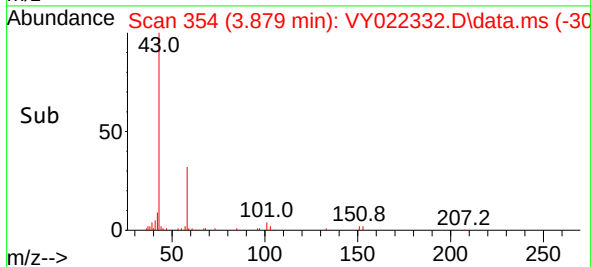
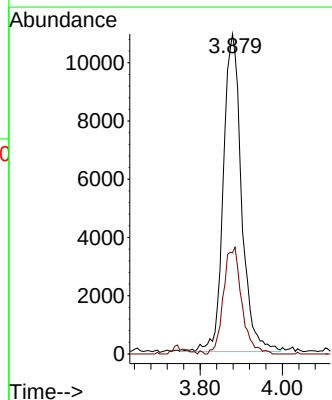
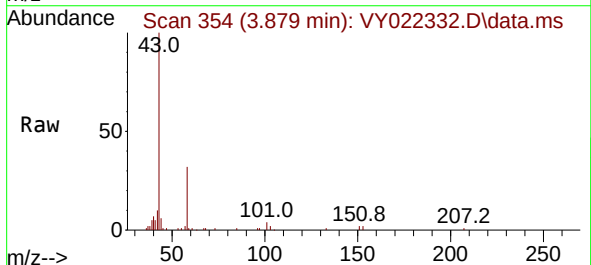
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

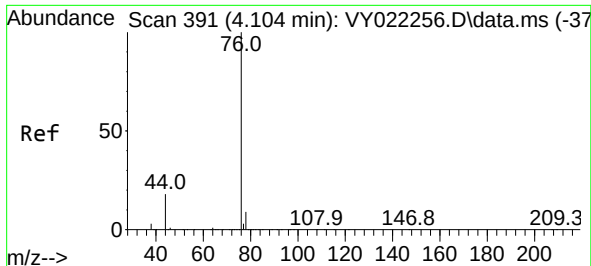
Tgt Ion: 53 Resp: 45604
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 39.0 30.0 45.0



#16
Acetone
Concen: 96.539 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 43 Resp: 33618
Ion Ratio Lower Upper
43 100
58 31.9 23.6 35.4

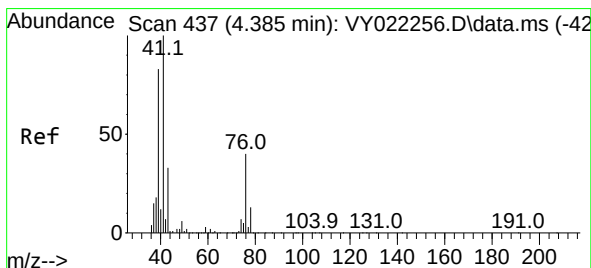
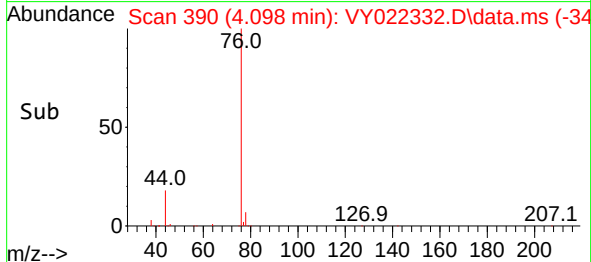
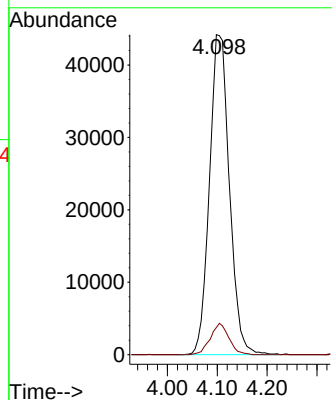
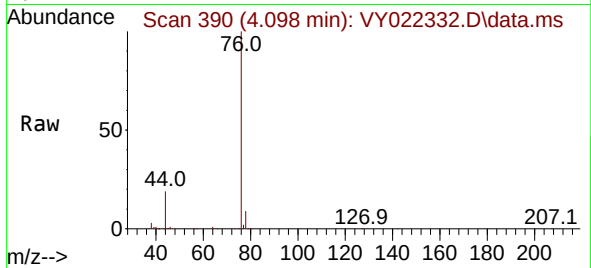




#17
Carbon Disulfide
Concen: 20.720 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

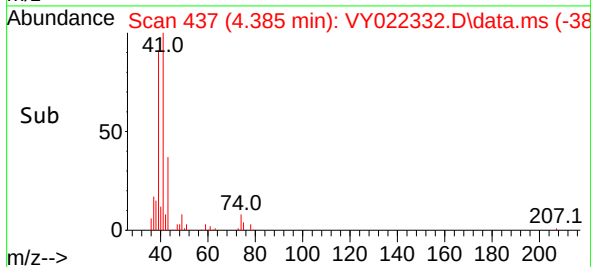
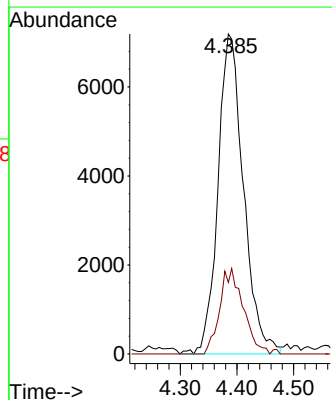
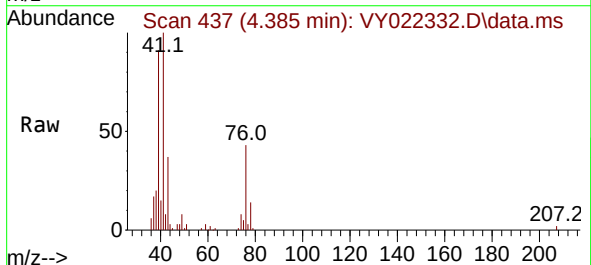
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

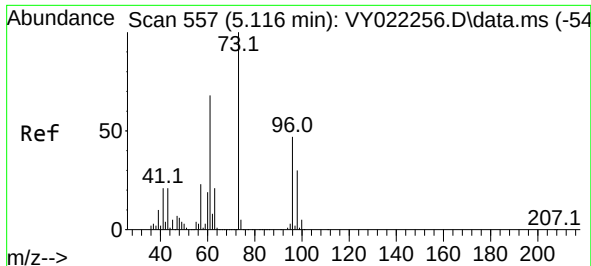
Tgt Ion: 76 Resp: 122812
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 20.470 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 43 Resp: 22475
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.4

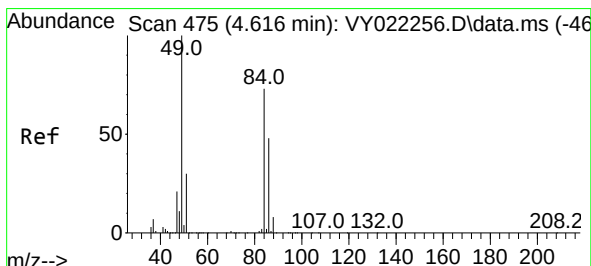
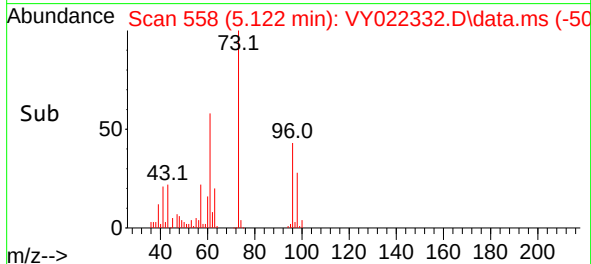
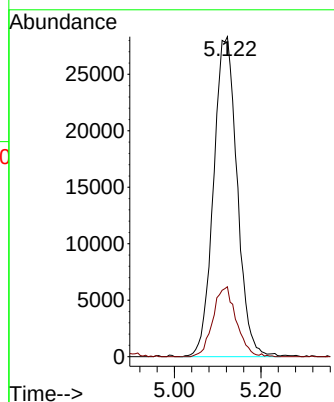
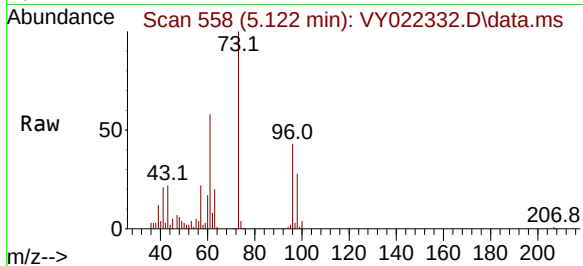




#19
Methyl tert-butyl Ether
Concen: 21.423 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

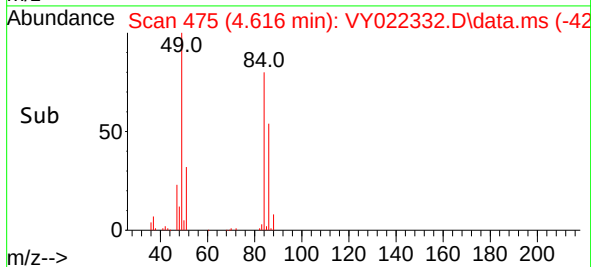
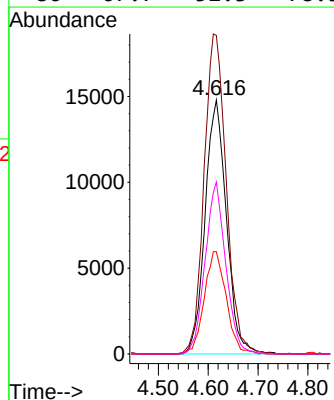
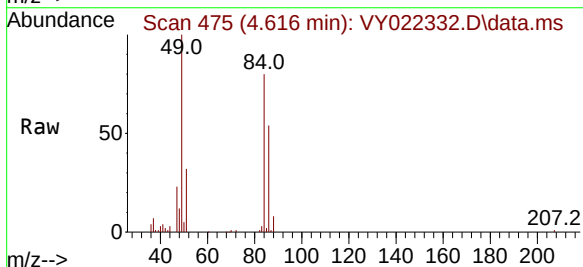
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

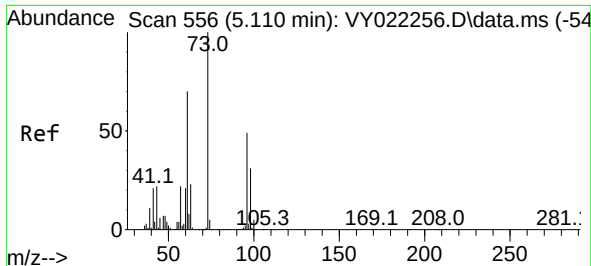
Tgt Ion: 73 Resp: 107372
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0



#20
Methylene Chloride
Concen: 19.577 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 84 Resp: 44052
Ion Ratio Lower Upper
84 100
49 125.5 109.6 164.4
51 40.3 32.4 48.6
86 67.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.724 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

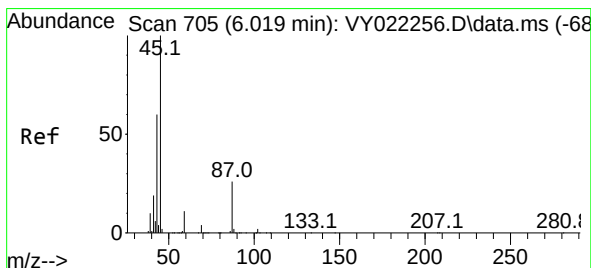
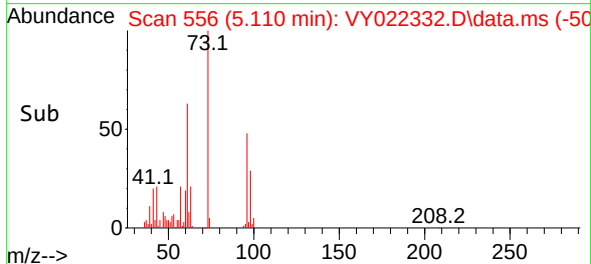
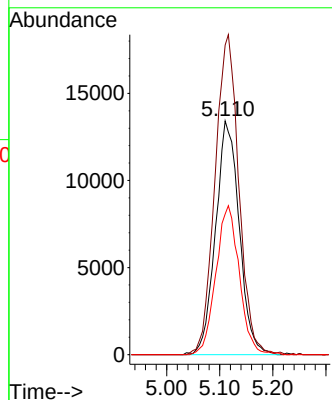
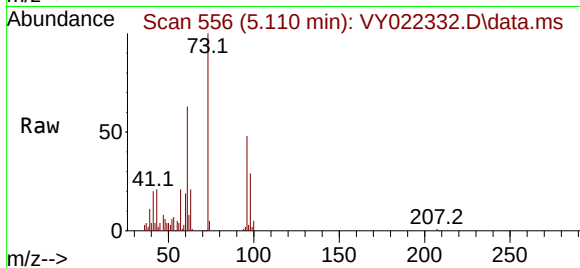
Tgt Ion: 96 Resp: 41579

Ion Ratio Lower Upper

96 100

61 132.4 113.4 170.0

98 60.2 50.9 76.3



#22

Diisopropyl ether

Concen: 19.645 ug/l

RT: 6.019 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Tgt Ion: 45 Resp: 132222

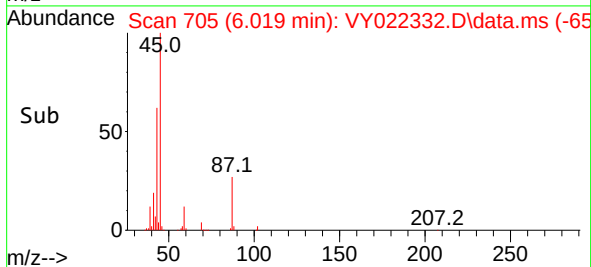
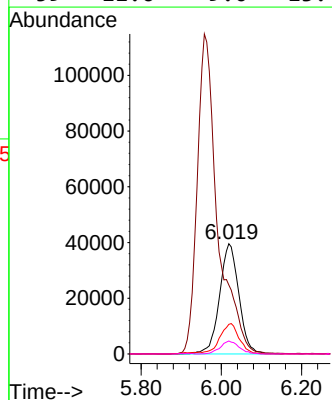
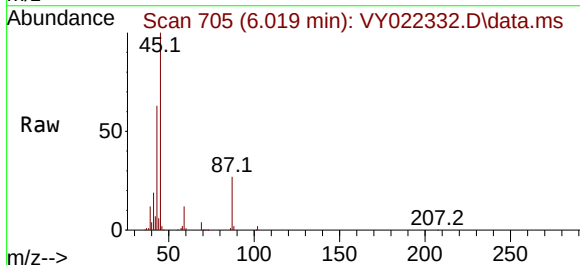
Ion Ratio Lower Upper

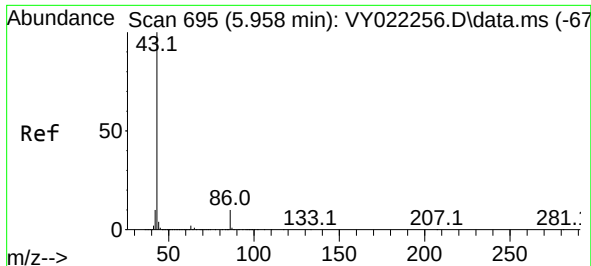
45 100

43 62.0 48.2 72.2

87 26.9 21.4 32.0

59 11.6 9.0 13.4

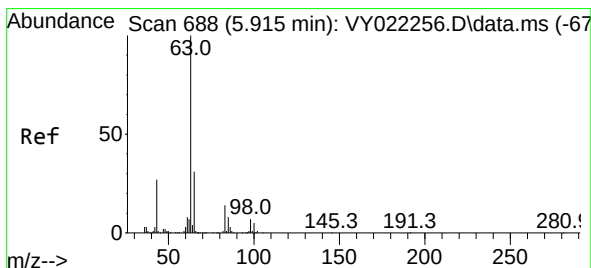
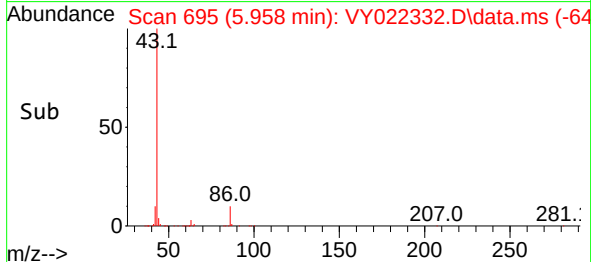
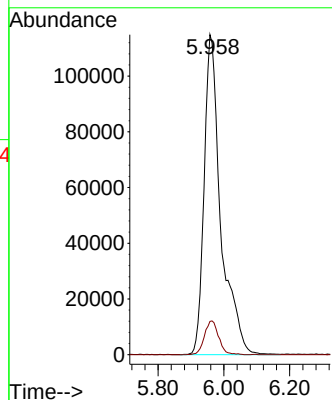
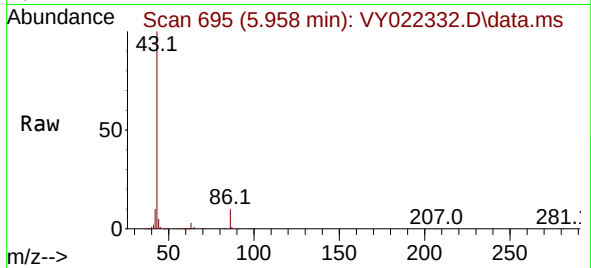




#23
 Vinyl Acetate
 Concen: 99.687 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

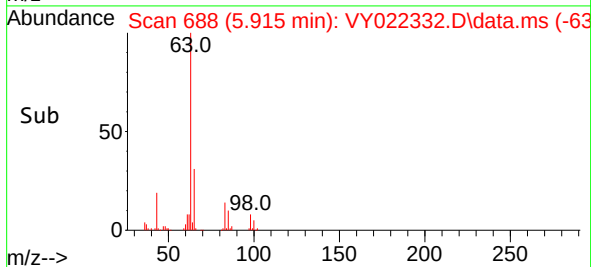
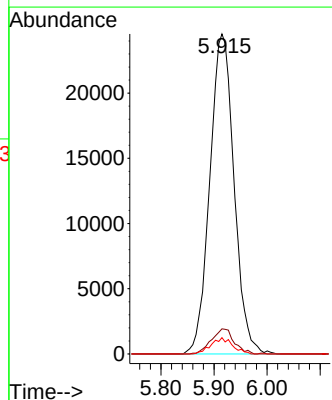
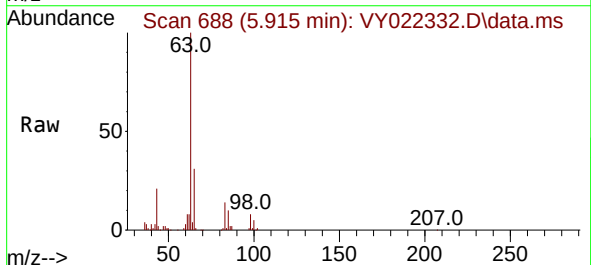
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

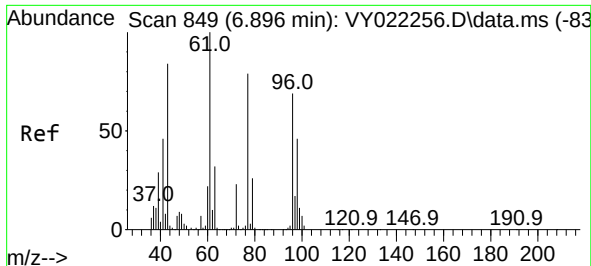
Tgt Ion: 43 Resp: 405343
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.699 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion: 63 Resp: 77831
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.5
 100 5.1 2.4 7.2

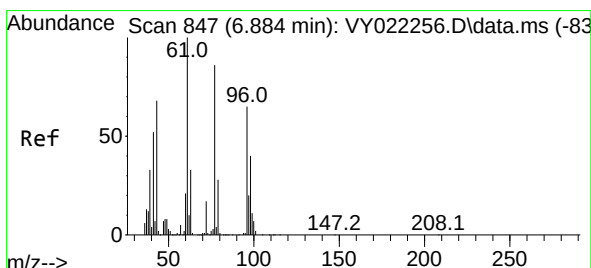
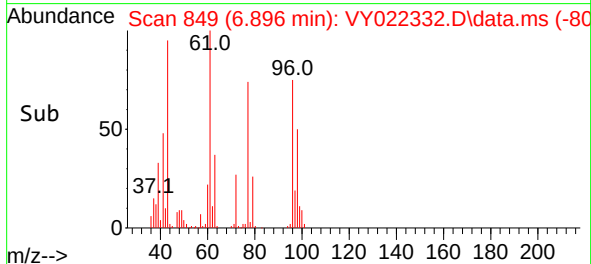
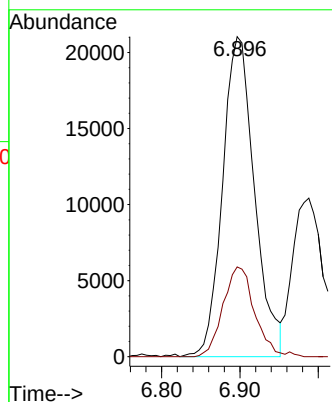
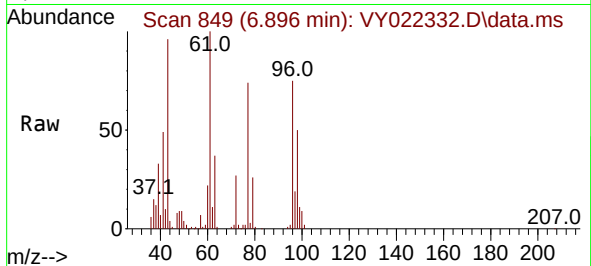




#25
2-Butanone
Concen: 102.465 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

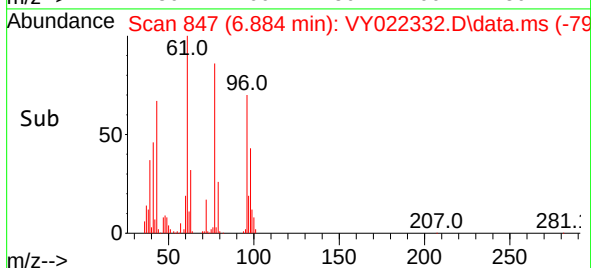
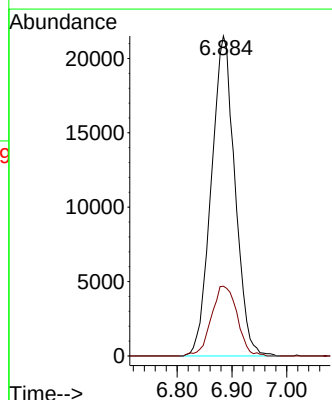
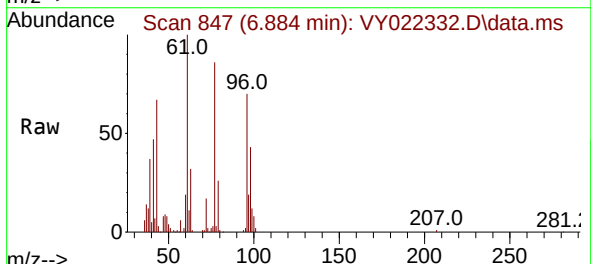
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

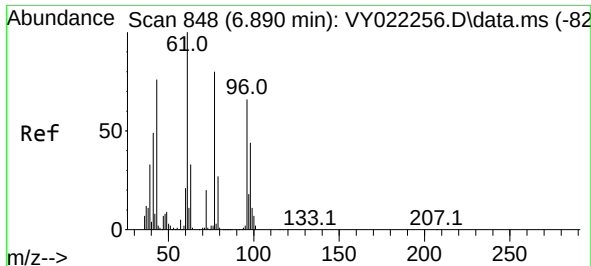
Tgt Ion: 43 Resp: 59685
Ion Ratio Lower Upper
43 100
72 28.1 22.1 33.1



#26
2,2-Dichloropropane
Concen: 19.252 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 77 Resp: 64389
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.5



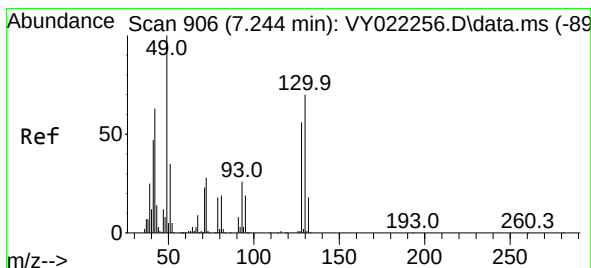
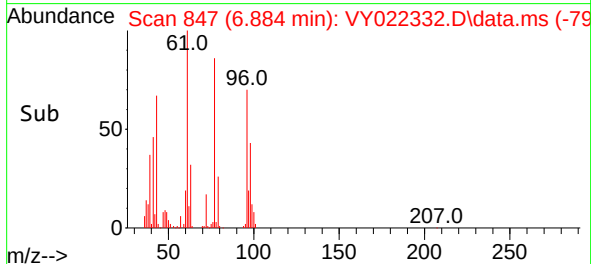
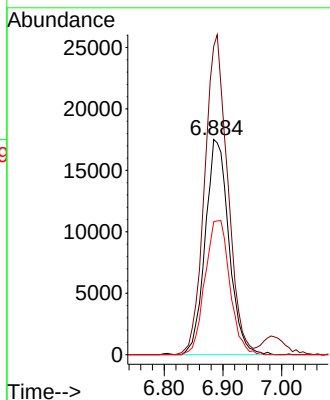
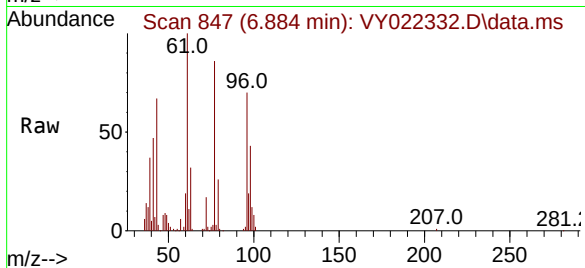


#27
 cis-1,2-Dichloroethene
 Concen: 21.157 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Tgt Ion: 96 Resp: 48984

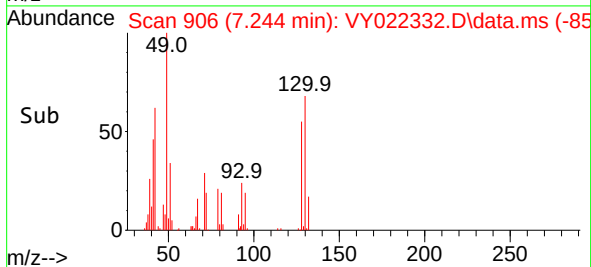
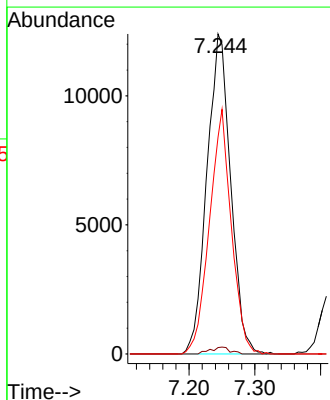
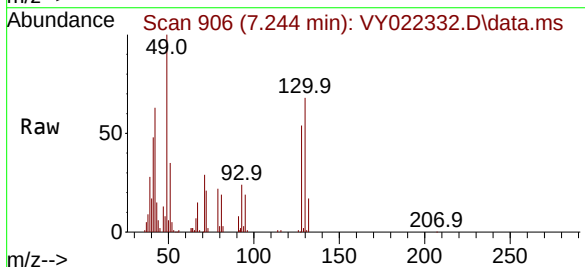
Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	302.6
98	65.2	0.0	128.8

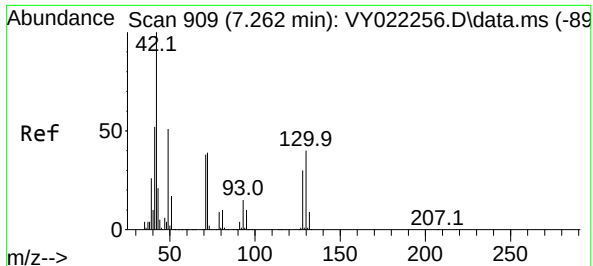


#28
 Bromochloromethane
 Concen: 19.401 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion: 49 Resp: 31117

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	70.7	54.7	82.1





#29

Tetrahydrofuran

Concen: 109.338 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

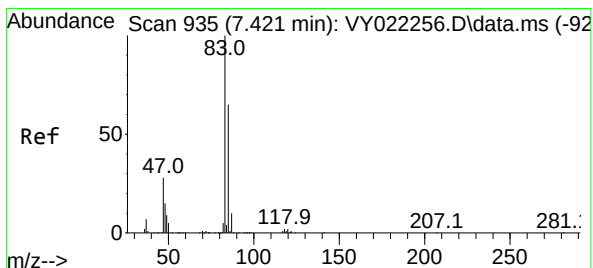
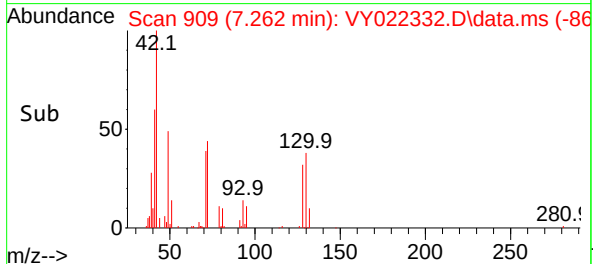
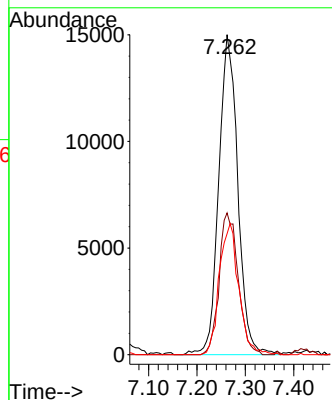
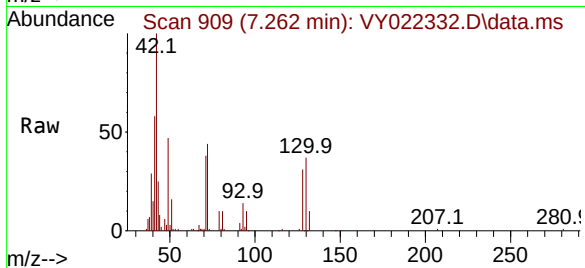
Tgt Ion: 42 Resp: 40974

Ion Ratio Lower Upper

42 100

72 44.3 33.8 50.6

71 41.9 31.5 47.3



#30

Chloroform

Concen: 21.312 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022332.D

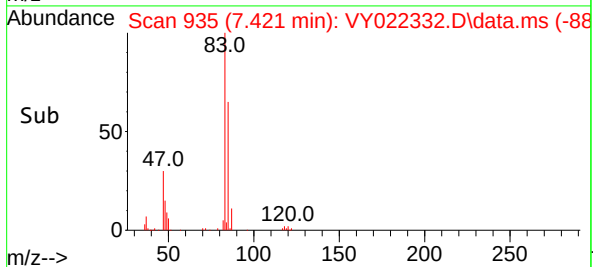
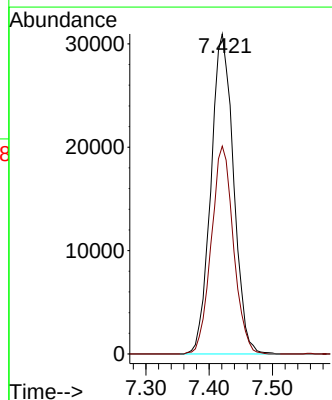
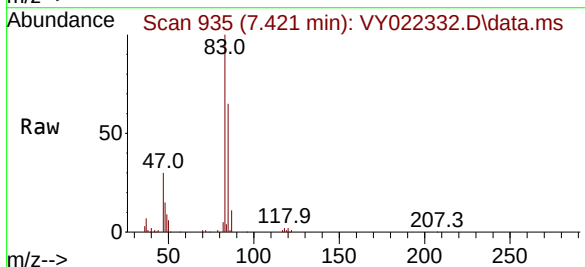
Acq: 20 May 2025 10:43

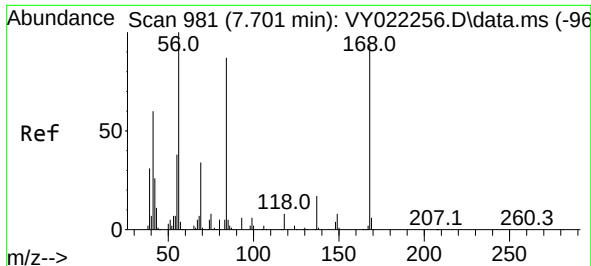
Tgt Ion: 83 Resp: 76866

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

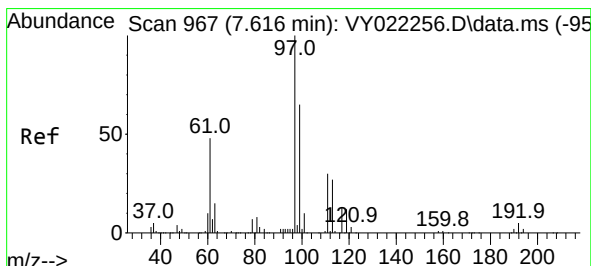
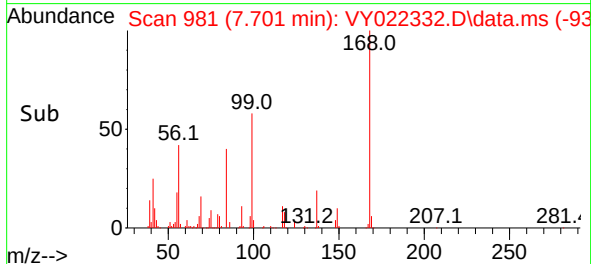
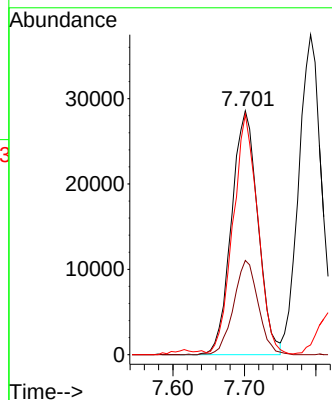
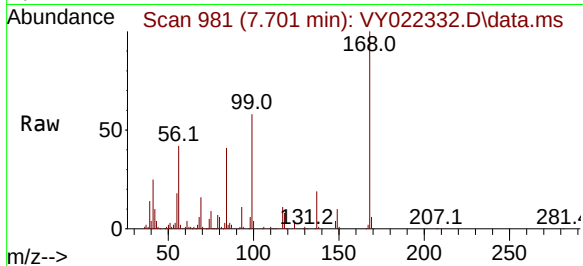




#31
Cyclohexane
Concen: 19.544 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

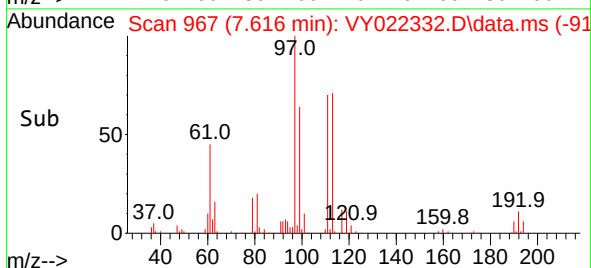
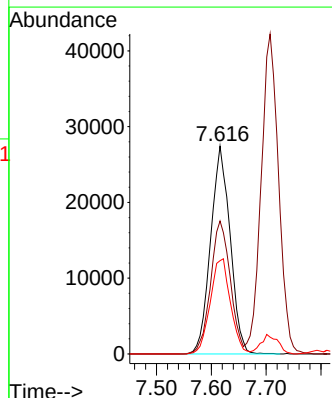
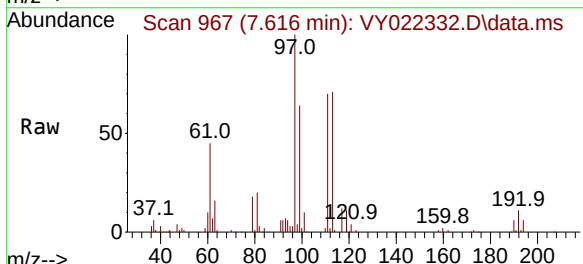
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

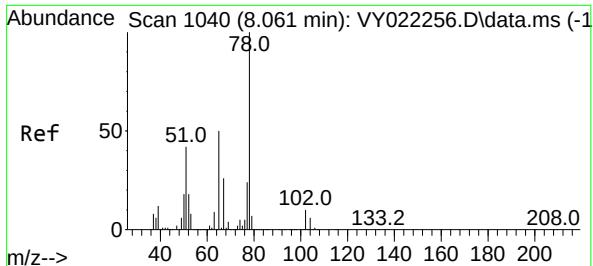
Tgt Ion: 56 Resp: 73428
Ion Ratio Lower Upper
56 100
69 38.6 27.4 41.2
84 97.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.487 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 97 Resp: 67791
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 47.6 38.1 57.1

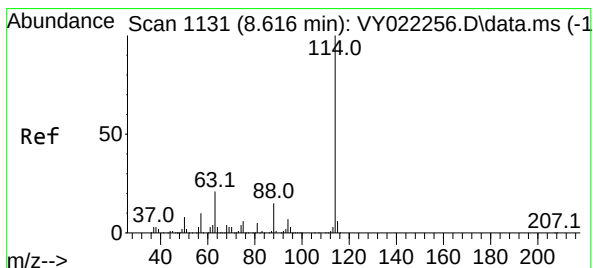
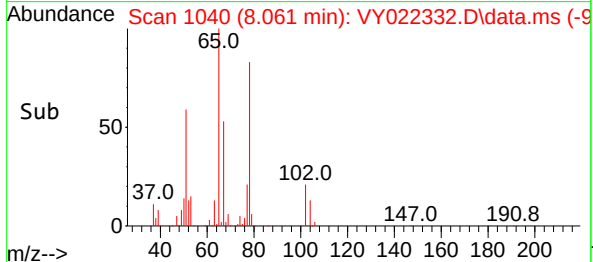
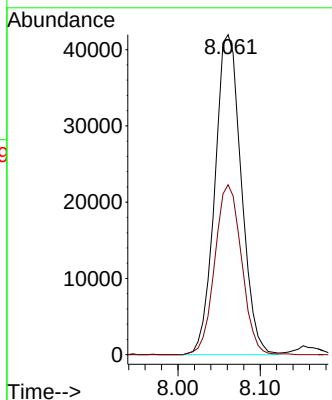
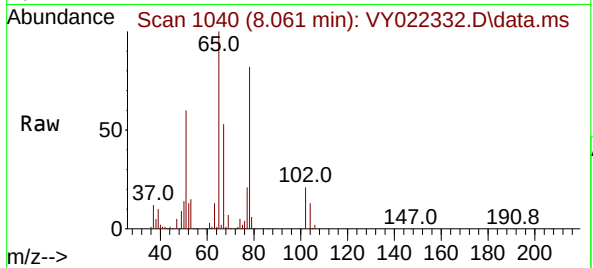




#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

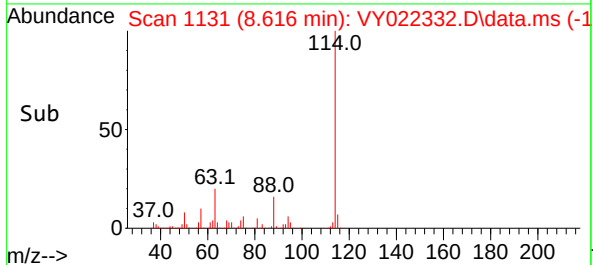
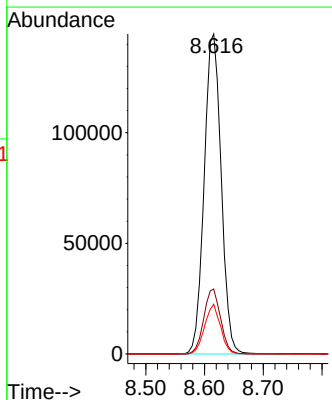
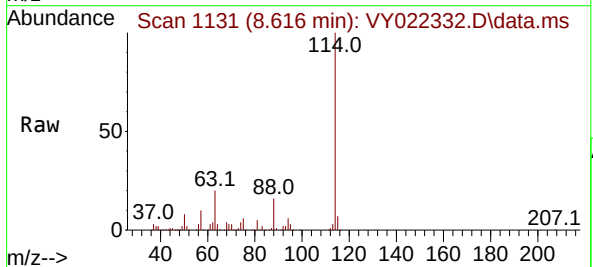
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

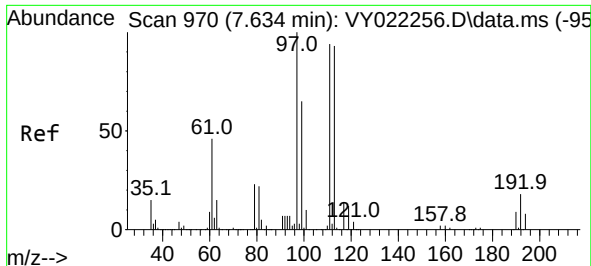
Tgt Ion: 65 Resp: 93693
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion: 114 Resp: 290999
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.0
 88 15.6 0.0 29.4

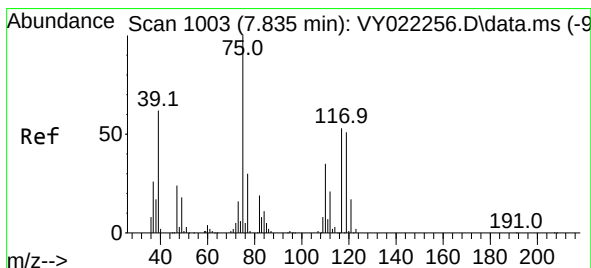
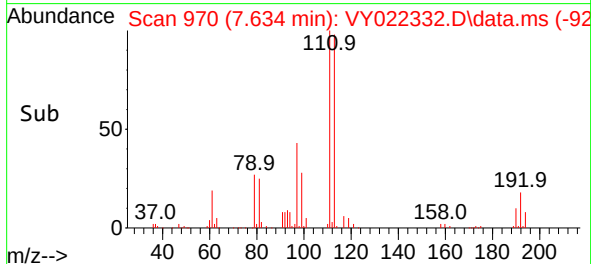
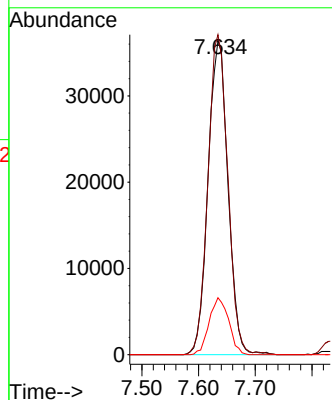
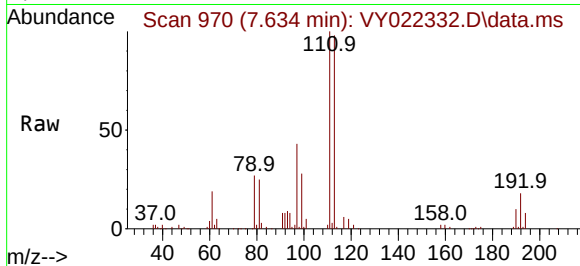




#35
Dibromofluoromethane
Concen: 51.211 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

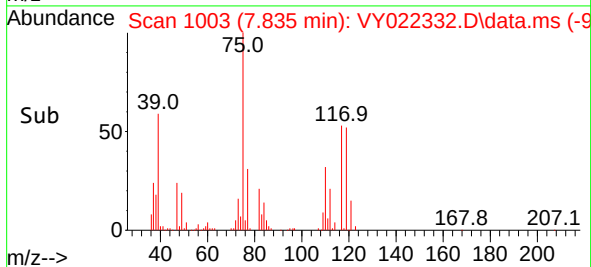
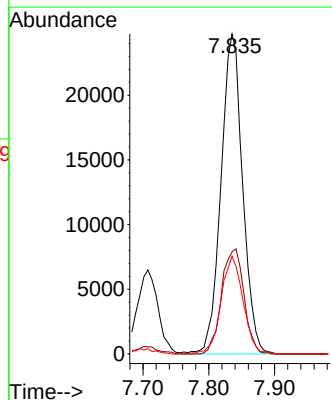
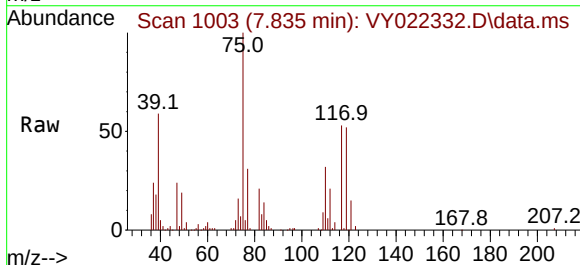
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

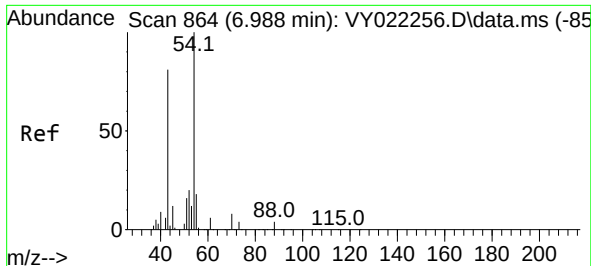
Tgt Ion:113 Resp: 88946
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.823 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 75 Resp: 56708
Ion Ratio Lower Upper
75 100
110 34.0 16.6 49.8
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 20.772 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

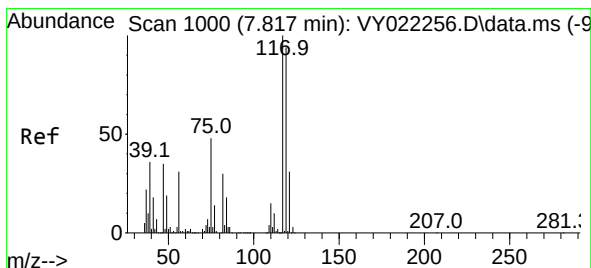
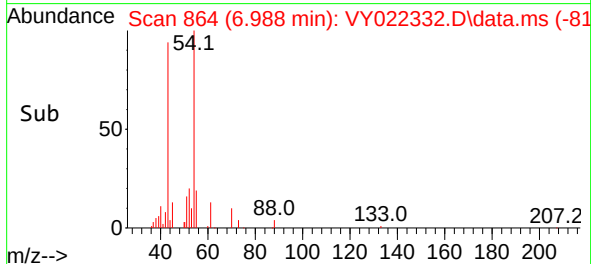
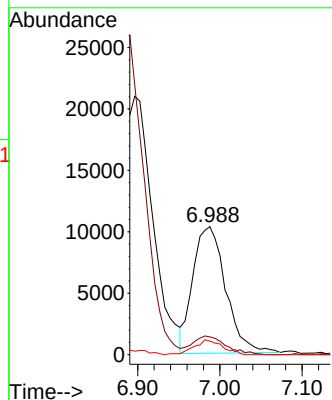
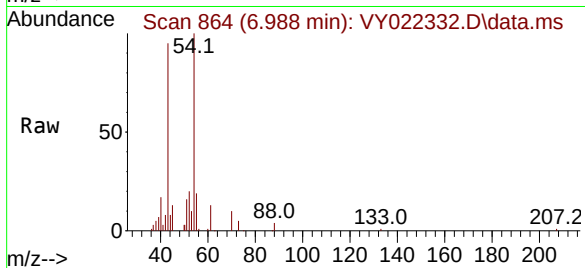
Tgt Ion: 43 Resp: 28592

Ion Ratio Lower Upper

43 100

61 15.1 10.2 15.2

70 10.2 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.856 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

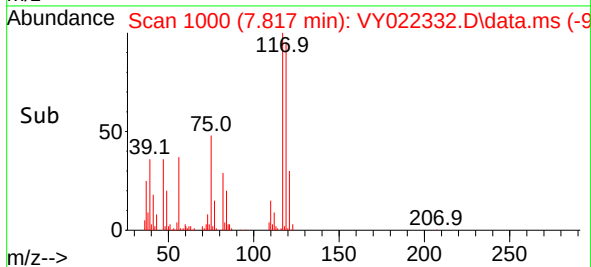
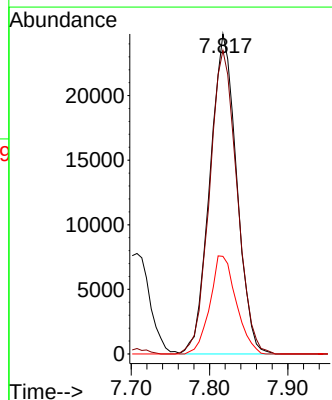
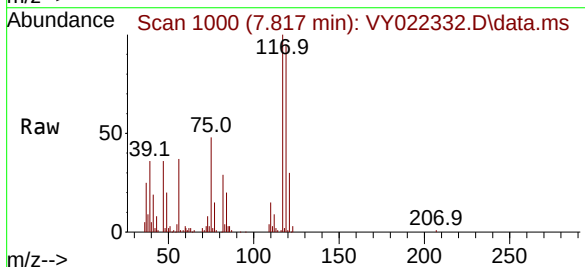
Tgt Ion: 117 Resp: 58800

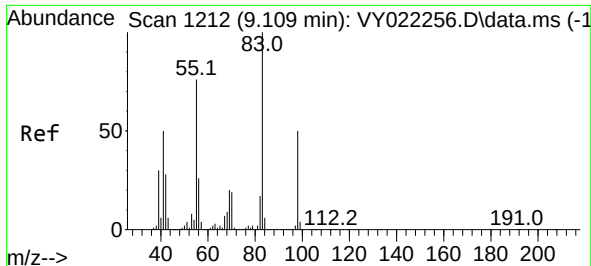
Ion Ratio Lower Upper

117 100

119 94.9 75.3 112.9

121 30.5 24.7 37.1





#39

Methylcyclohexane

Concen: 19.465 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

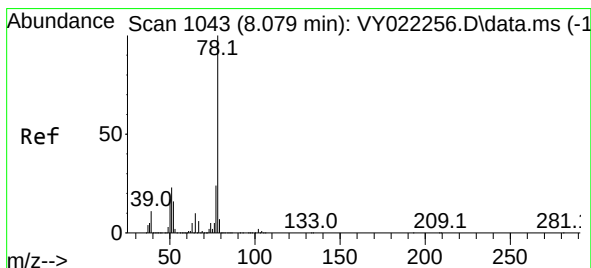
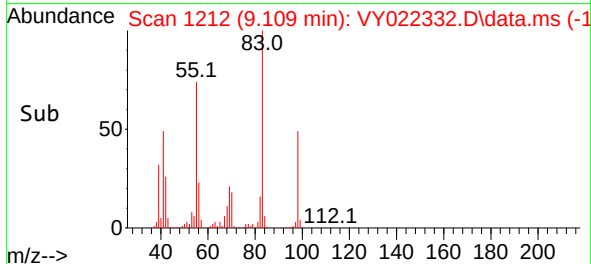
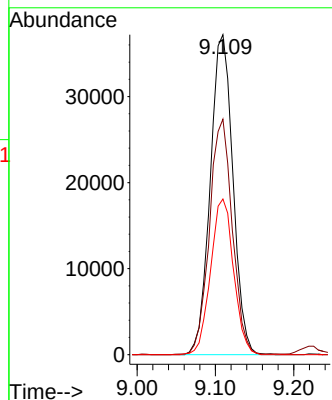
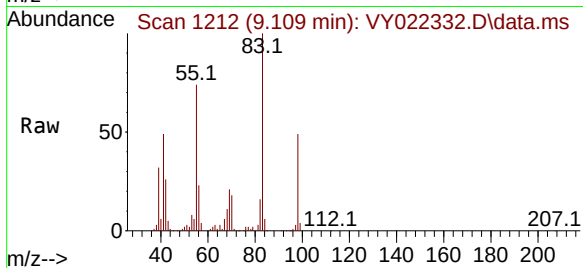
Tgt Ion: 83 Resp: 74814

Ion Ratio Lower Upper

83 100

55 73.4 60.6 90.8

98 48.7 40.0 60.0



#40

Benzene

Concen: 20.275 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022332.D

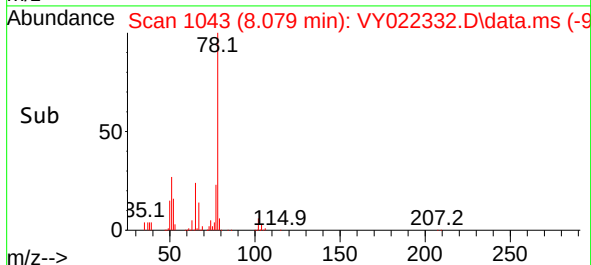
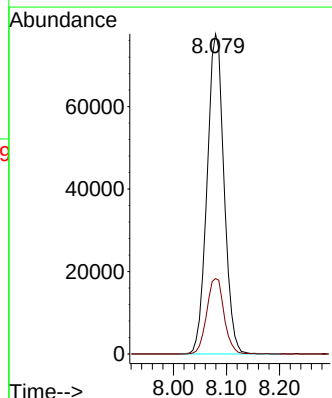
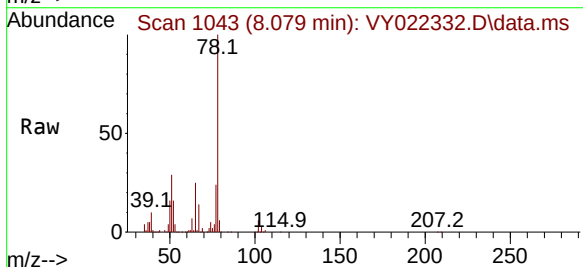
Acq: 20 May 2025 10:43

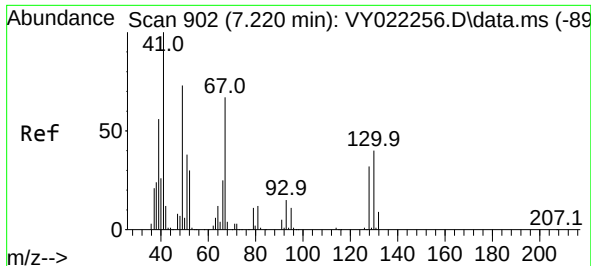
Tgt Ion: 78 Resp: 171947

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3

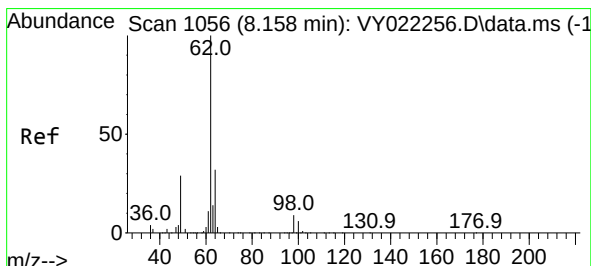
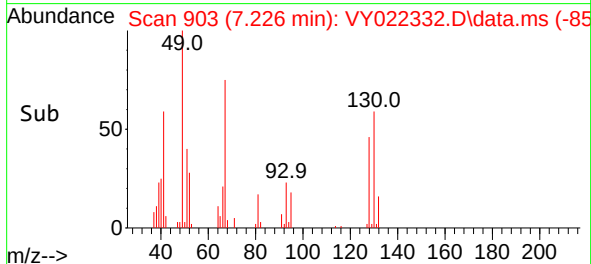
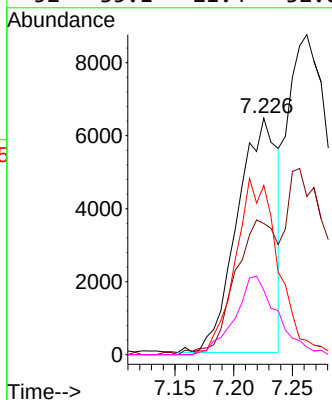
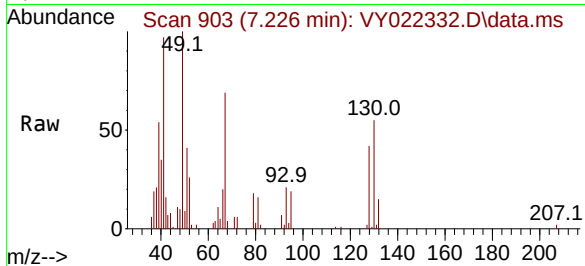




#41
Methacrylonitrile
Concen: 16.710 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

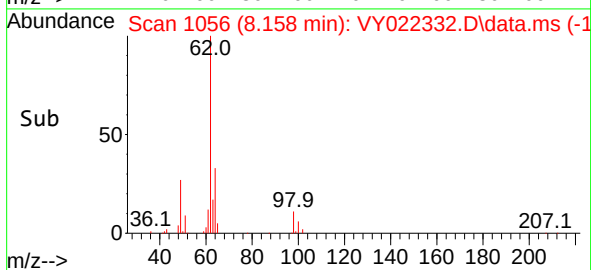
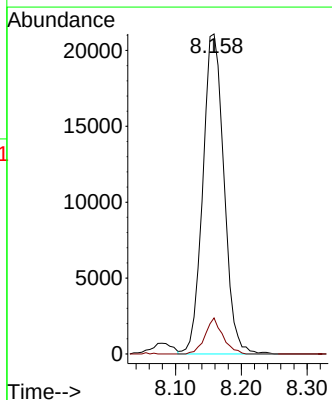
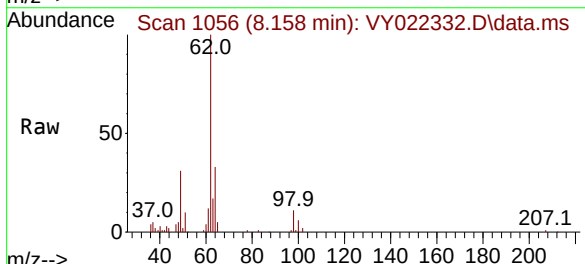
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

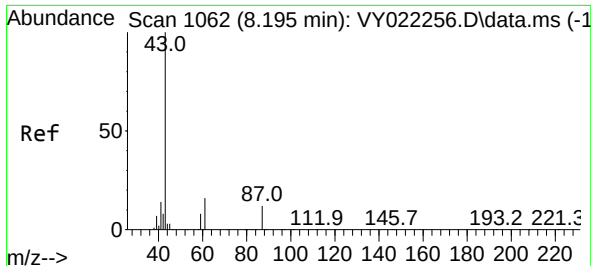
Tgt Ion: 41 Resp: 15257
Ion Ratio Lower Upper
41 100
39 60.3 39.1 58.7#
67 80.4 47.1 70.7#
52 35.1 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 20.600 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 62 Resp: 47245
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

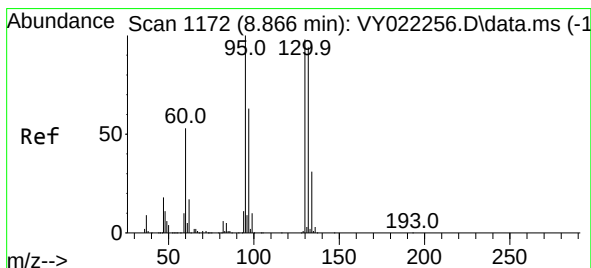
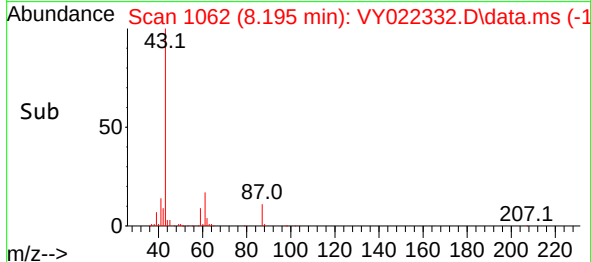
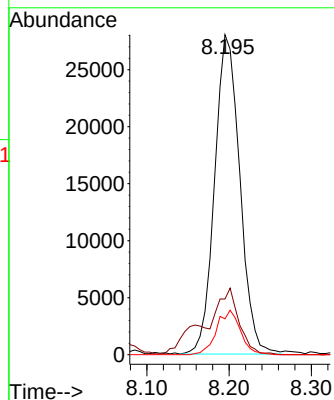
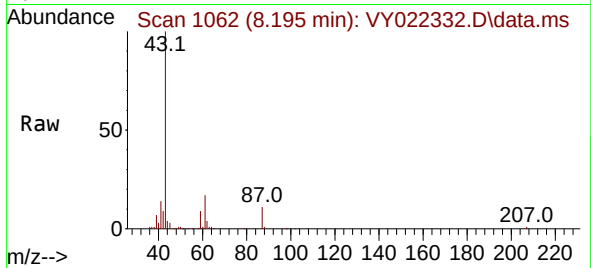




#43
Isopropyl Acetate
Concen: 19.881 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

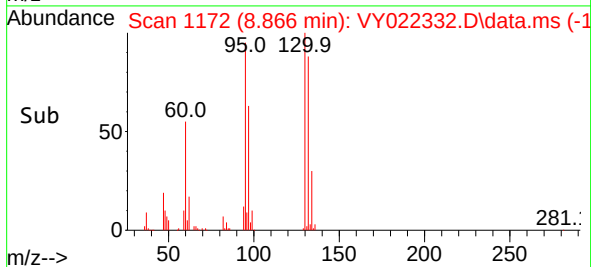
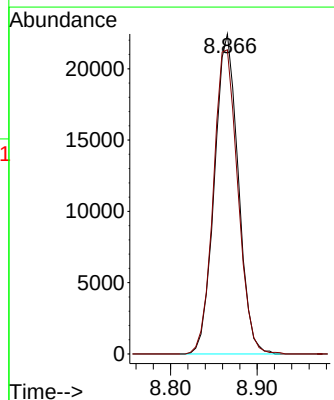
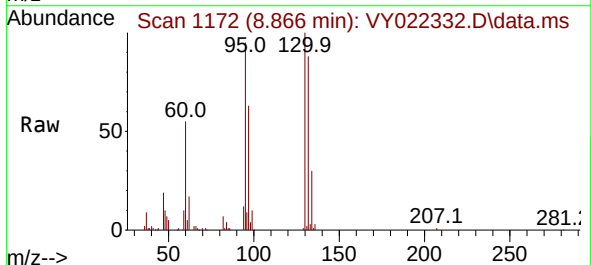
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

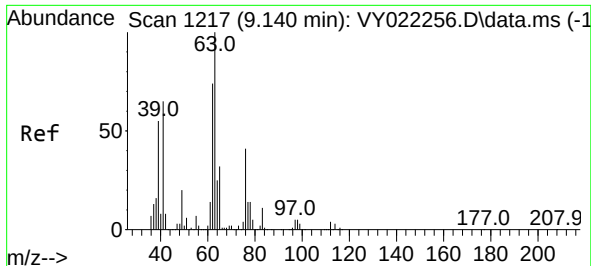
Tgt Ion: 43 Resp: 59680
Ion Ratio Lower Upper
43 100
61 18.0 15.1 22.7
87 13.2 9.7 14.5



#44
Trichloroethene
Concen: 20.246 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion:130 Resp: 42693
Ion Ratio Lower Upper
130 100
95 95.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.863 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

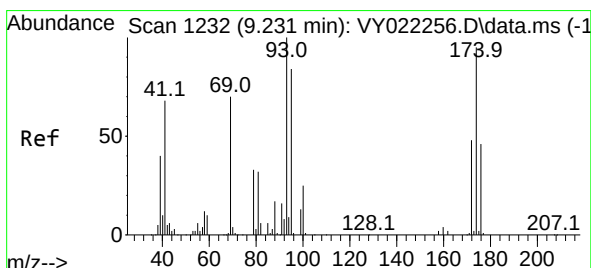
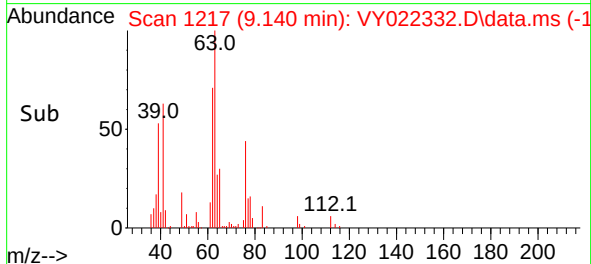
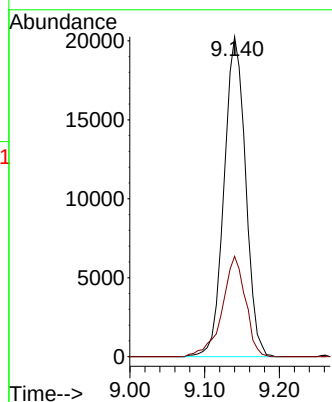
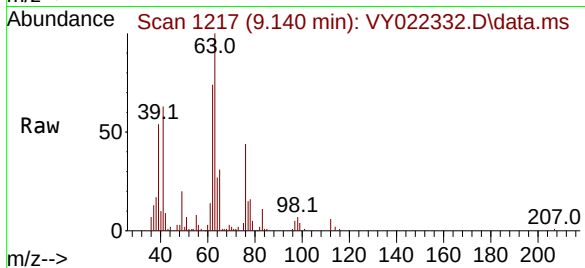
VY0520SBS01

Tgt Ion: 63 Resp: 40614

Ion Ratio Lower Upper

63 100

65 31.3 25.7 38.5



#46

Dibromomethane

Concen: 20.817 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

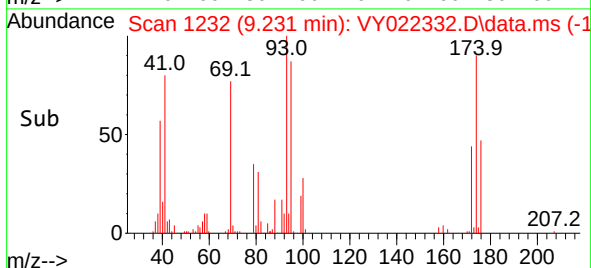
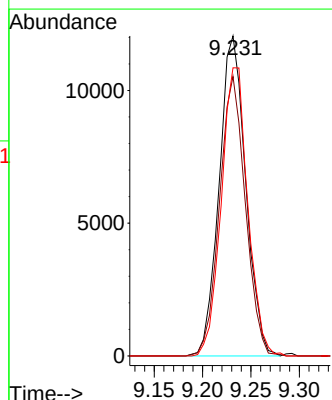
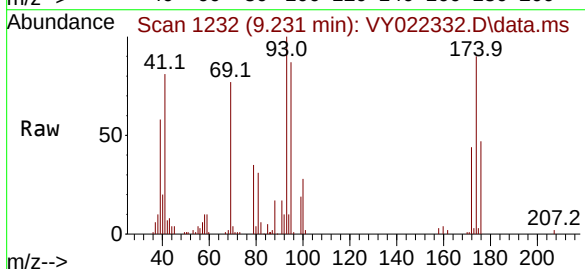
Tgt Ion: 93 Resp: 22957

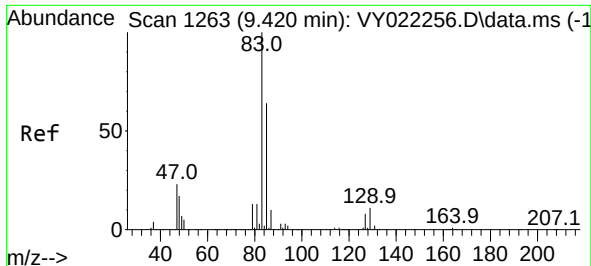
Ion Ratio Lower Upper

93 100

95 84.9 65.2 97.8

174 90.1 74.3 111.5

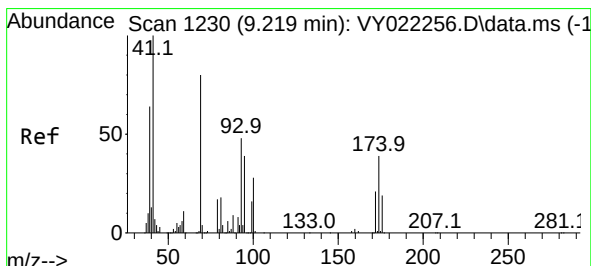
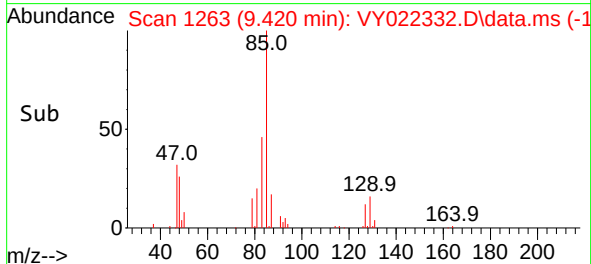
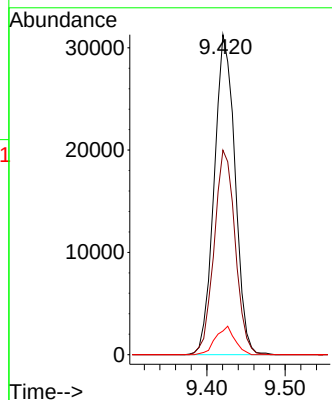
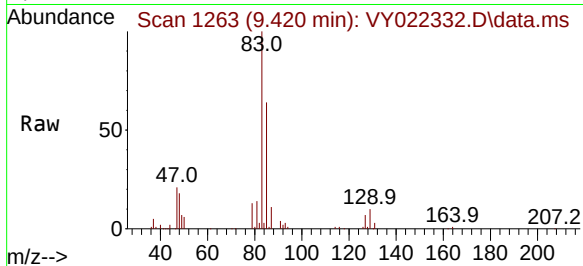




#47
Bromodichloromethane
Concen: 20.191 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

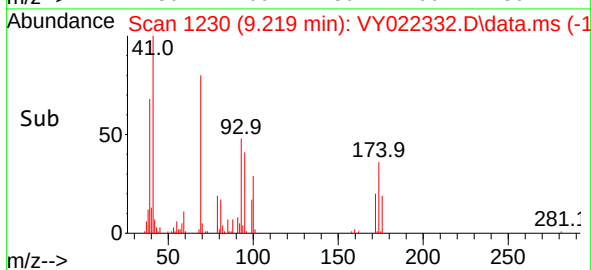
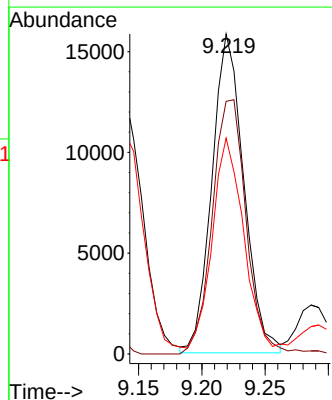
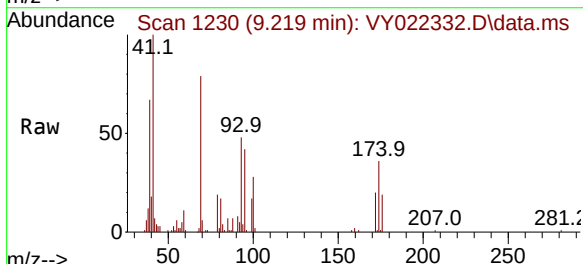
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

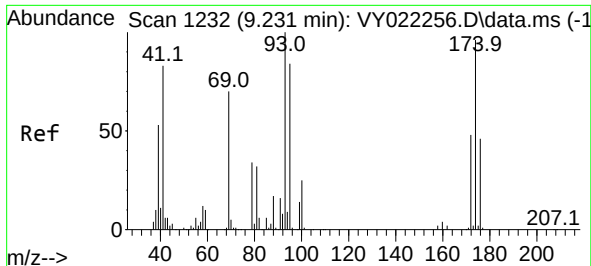
Tgt Ion:	83	Resp:	57766
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	7.4	6.6	10.0



#48
Methyl methacrylate
Concen: 19.775 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion:	41	Resp:	27761
Ion	Ratio	Lower	Upper
41	100		
69	85.3	63.5	95.3
39	64.5	50.8	76.2





#49

1,4-Dioxane

Concen: 430.632 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

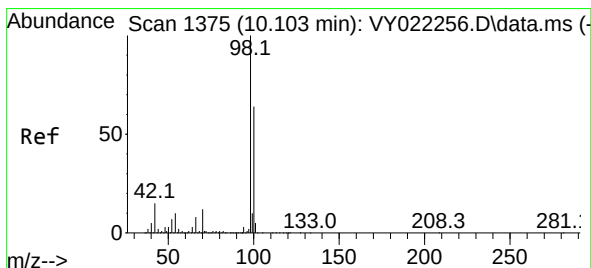
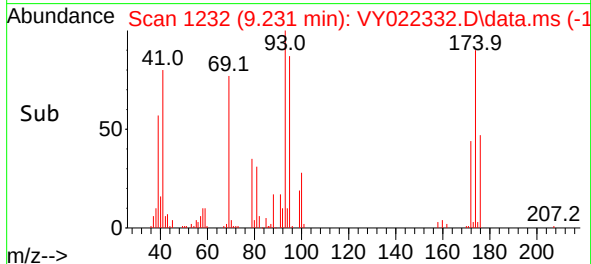
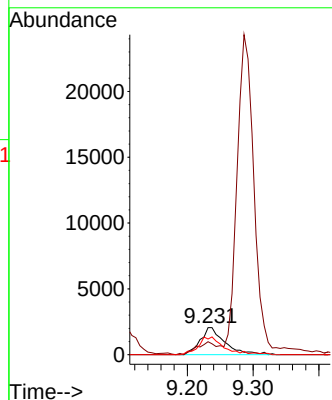
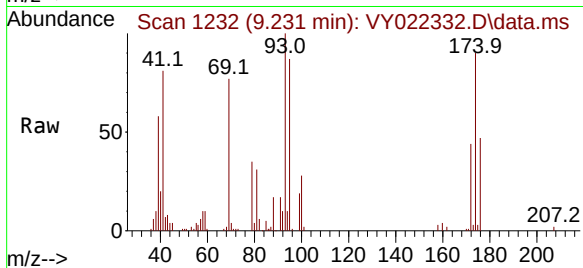
Tgt Ion: 88 Resp: 5365

Ion Ratio Lower Upper

88 100

43 34.5 28.5 42.7

58 65.6 61.4 92.2



#50

Toluene-d8

Concen: 49.780 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022332.D

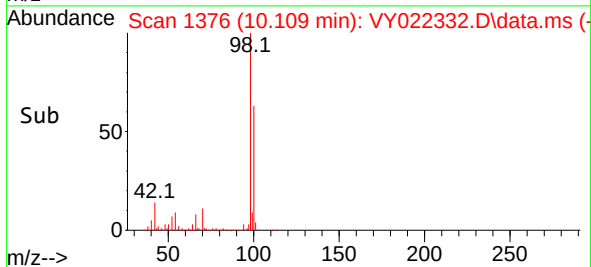
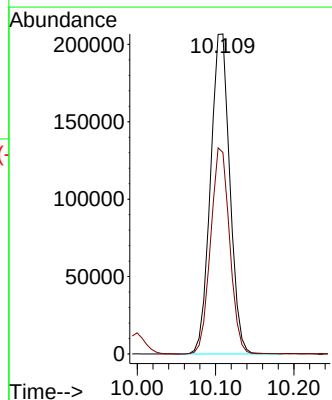
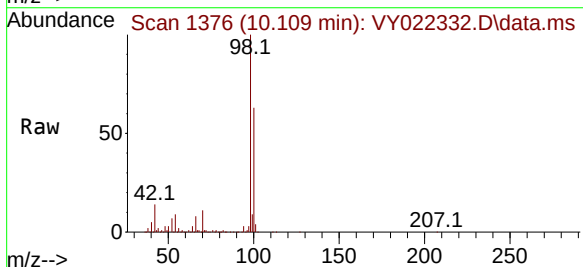
Acq: 20 May 2025 10:43

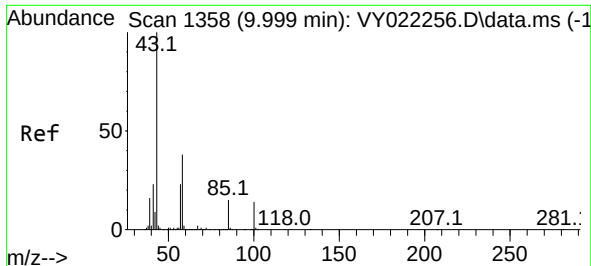
Tgt Ion: 98 Resp: 354104

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 101.903 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

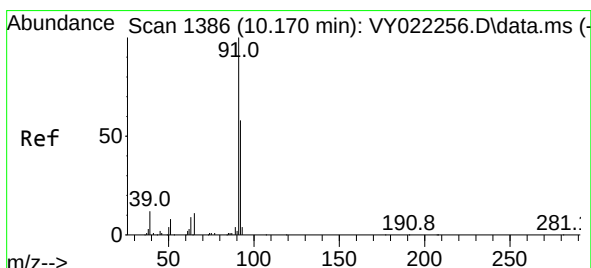
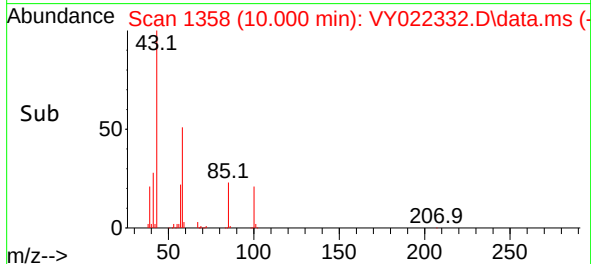
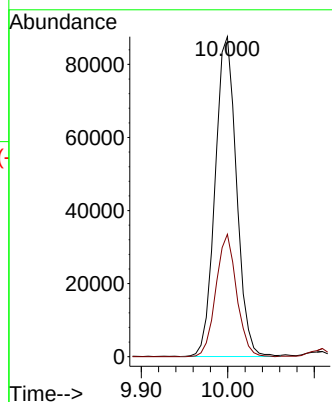
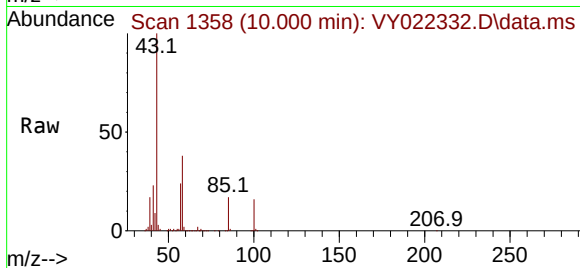
VY0520SBS01

Tgt Ion: 43 Resp: 150099

Ion Ratio Lower Upper

43 100

58 37.1 29.4 44.2



#52

Toluene

Concen: 19.364 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022332.D

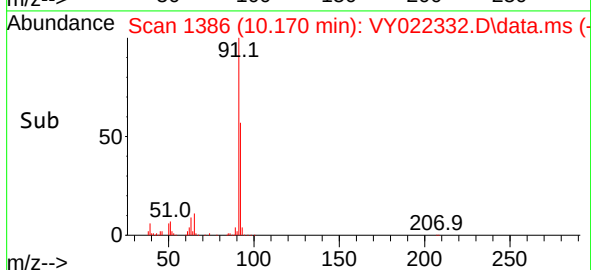
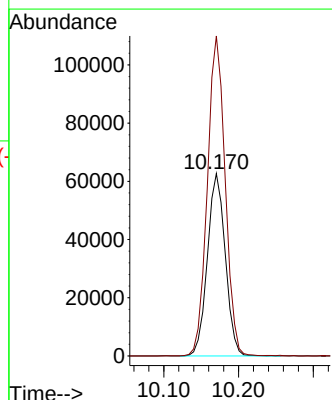
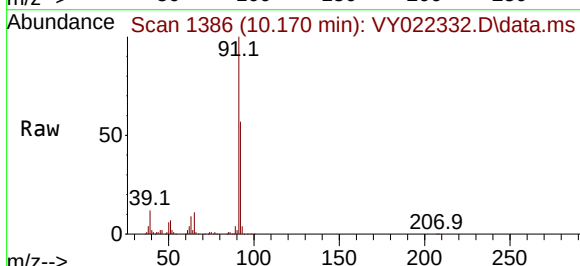
Acq: 20 May 2025 10:43

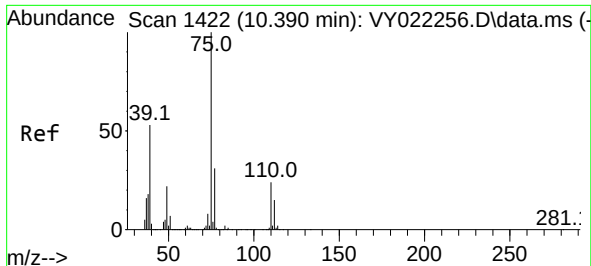
Tgt Ion: 92 Resp: 103990

Ion Ratio Lower Upper

92 100

91 175.3 139.1 208.7

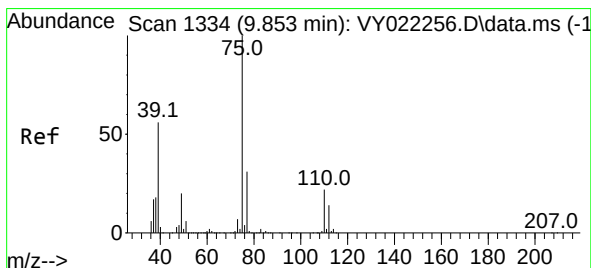
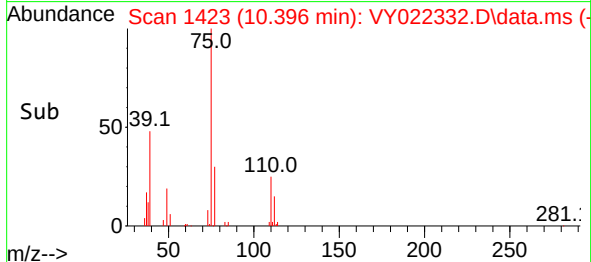
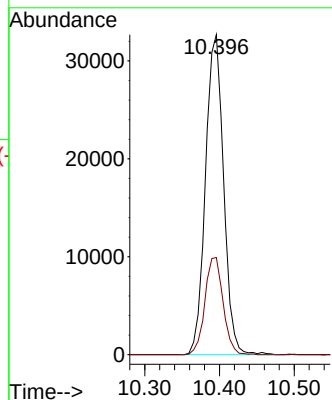
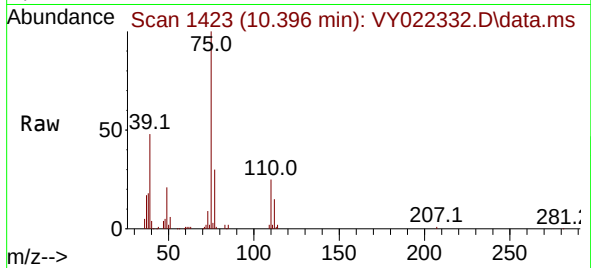




#53
 t-1,3-Dichloropropene
 Concen: 19.708 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

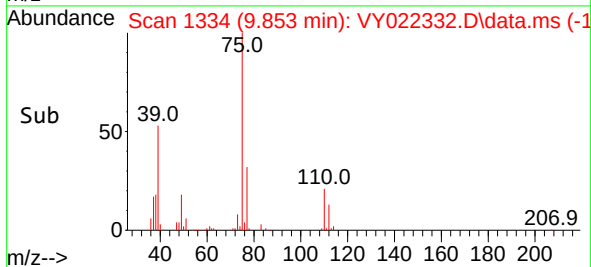
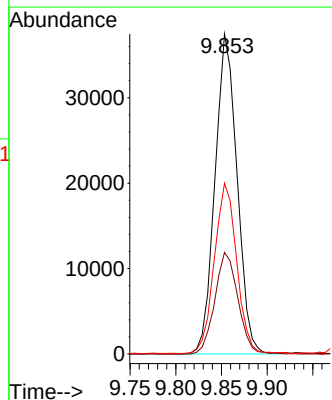
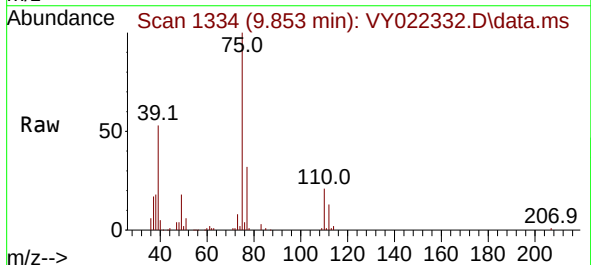
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

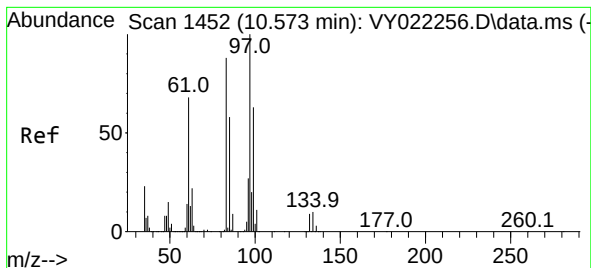
Tgt Ion: 75 Resp: 55026
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.700 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion: 75 Resp: 63017
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7
 39 53.2 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.712 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion: 97 Resp: 29249

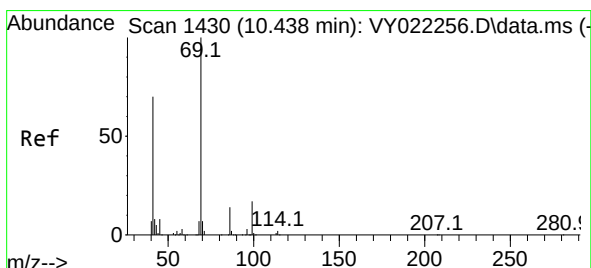
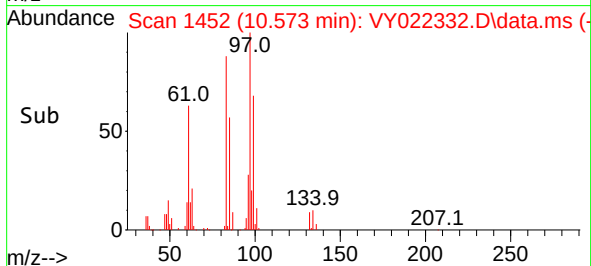
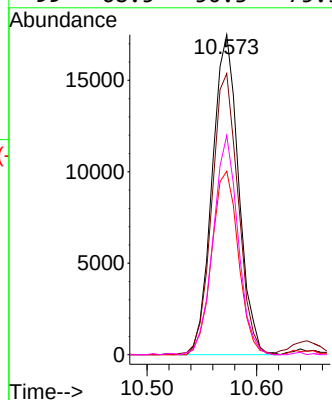
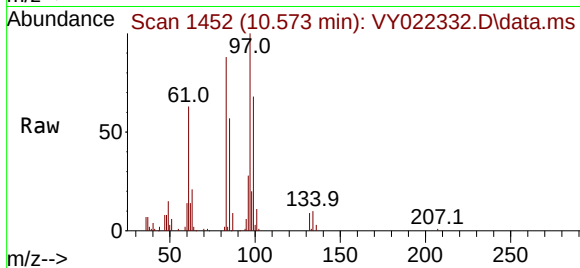
Ion Ratio Lower Upper

97 100

83 87.4 70.3 105.5

85 57.4 46.2 69.4

99 68.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.137 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

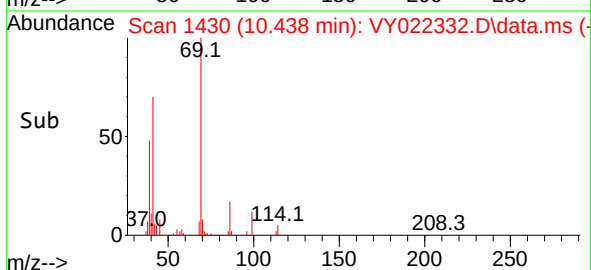
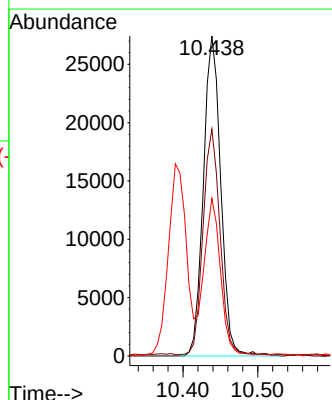
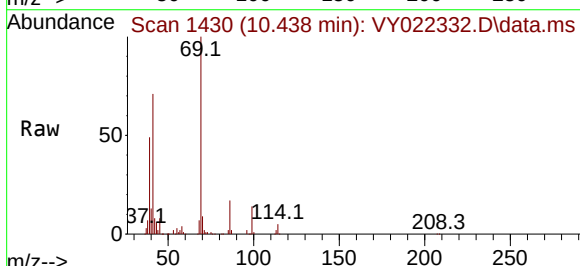
Tgt Ion: 69 Resp: 44296

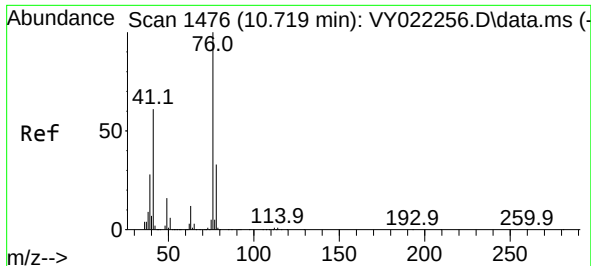
Ion Ratio Lower Upper

69 100

41 69.4 56.5 84.7

39 47.0 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.752 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

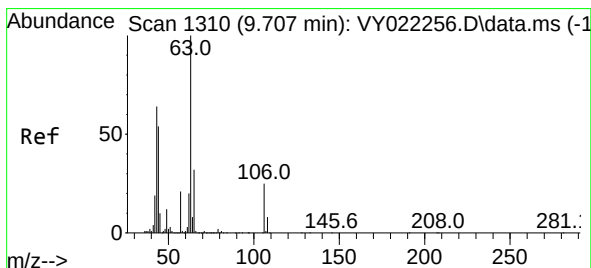
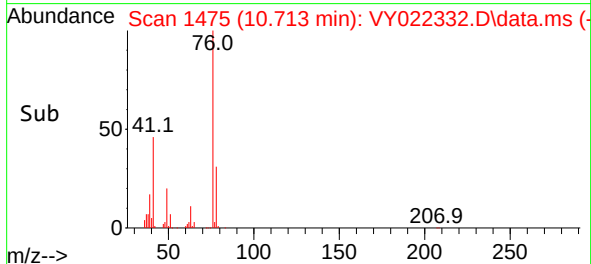
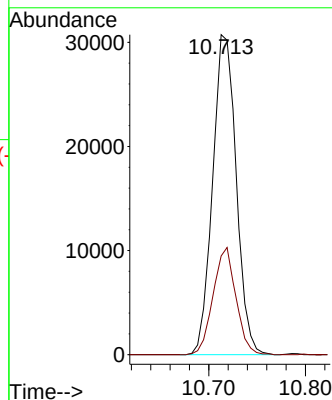
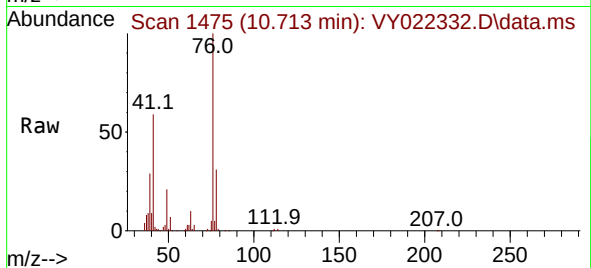
VY0520SBSD01

Tgt Ion: 76 Resp: 52068

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 84.412 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022332.D

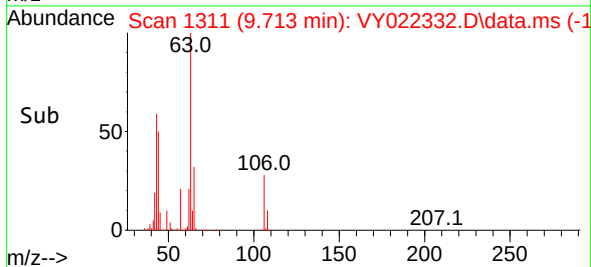
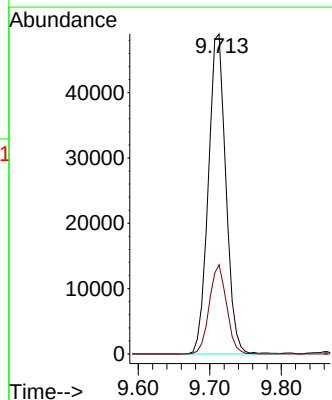
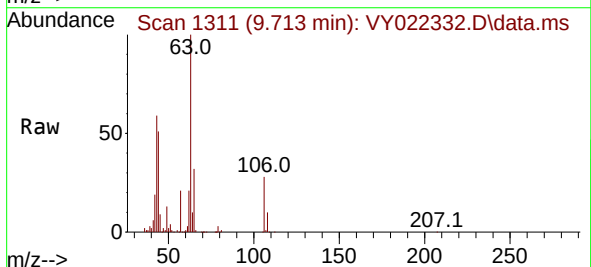
Acq: 20 May 2025 10:43

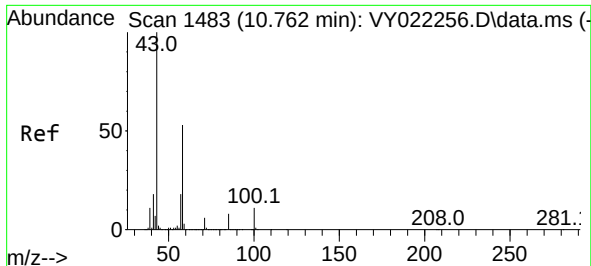
Tgt Ion: 63 Resp: 83344

Ion Ratio Lower Upper

63 100

106 27.4 21.0 31.4

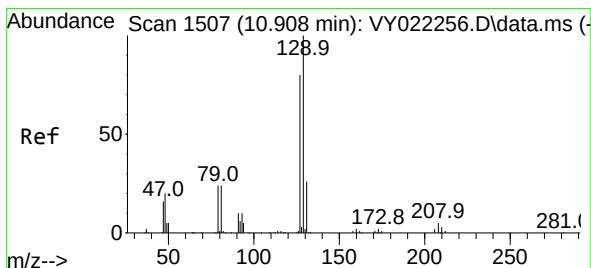
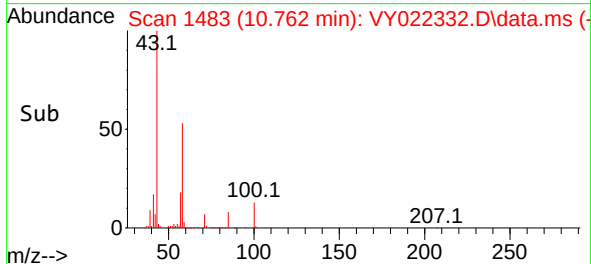
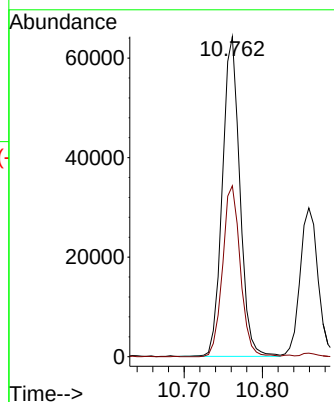
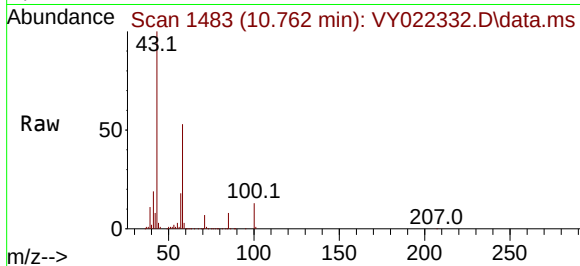




#59
2-Hexanone
Concen: 100.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

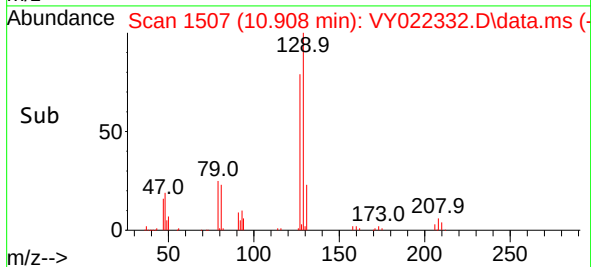
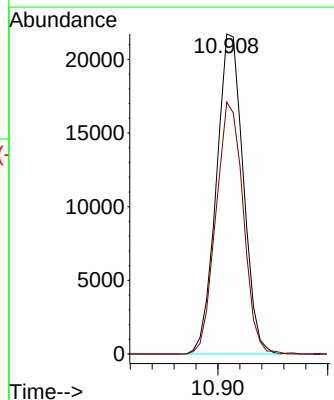
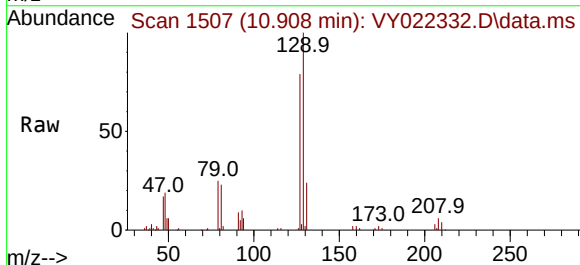
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

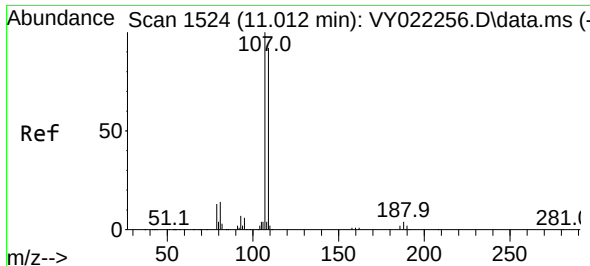
Tgt Ion: 43 Resp: 99369
Ion Ratio Lower Upper
43 100
58 54.5 26.1 78.3



#60
Dibromochloromethane
Concen: 20.195 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 129 Resp: 37017
Ion Ratio Lower Upper
129 100
127 79.7 38.6 115.7

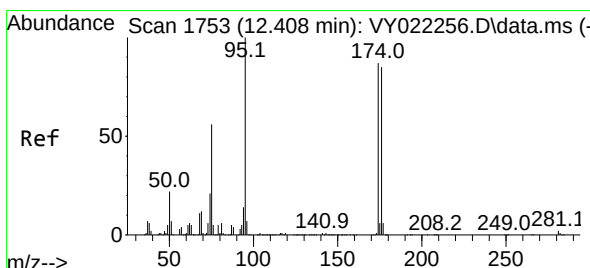
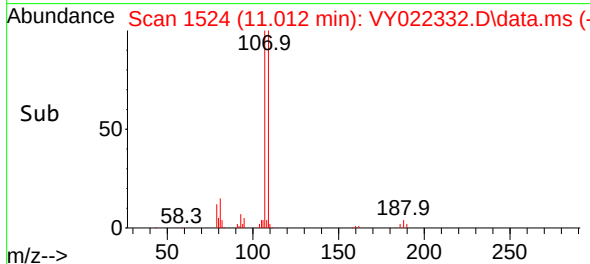
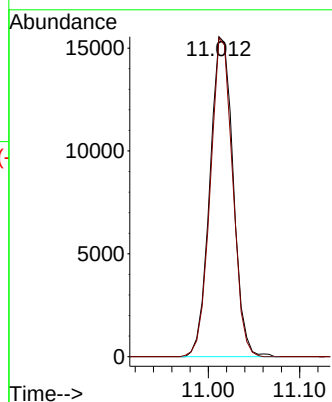
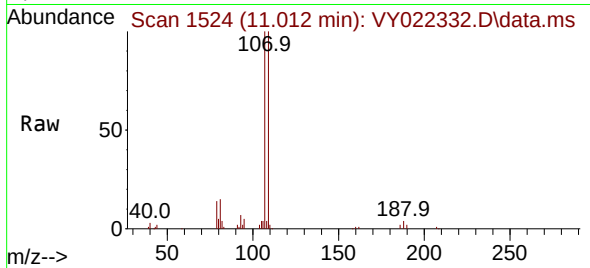




#61
1,2-Dibromoethane
Concen: 20.897 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

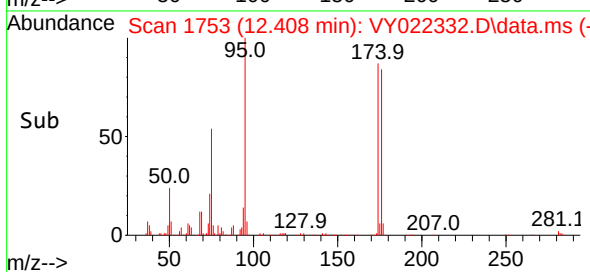
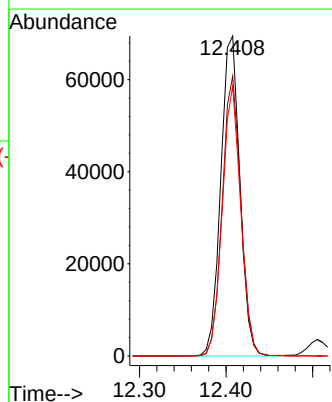
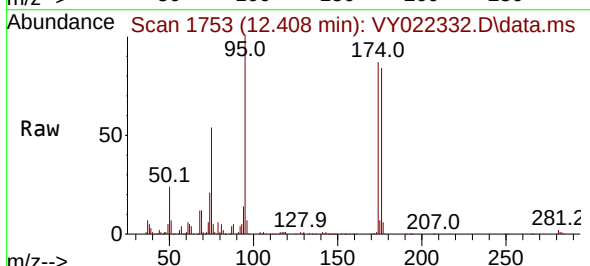
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

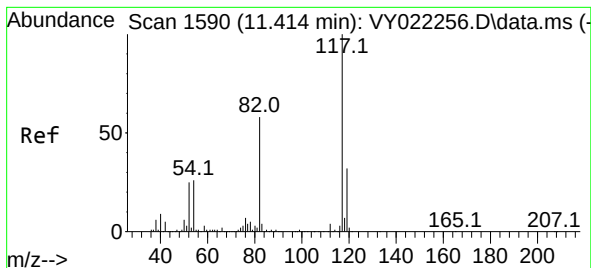
Tgt Ion:107 Resp: 27505
Ion Ratio Lower Upper
107 100
109 95.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.194 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 95 Resp: 106409
Ion Ratio Lower Upper
95 100
174 85.3 0.0 166.8
176 81.5 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

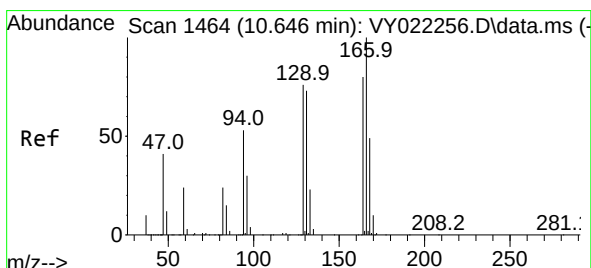
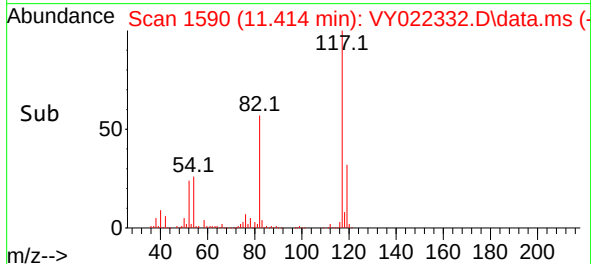
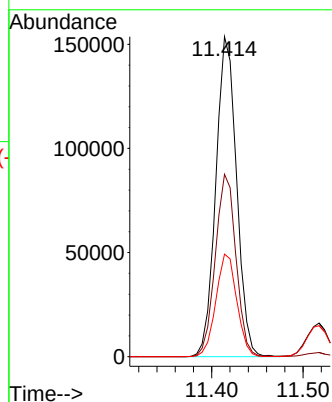
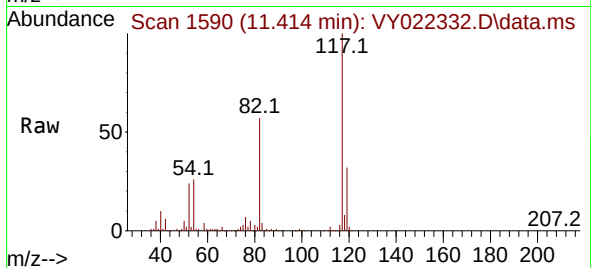
Tgt Ion:117 Resp: 242816

Ion Ratio Lower Upper

117 100

82 57.0 46.6 70.0

119 32.1 25.8 38.6



#64

Tetrachloroethene

Concen: 20.264 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Tgt Ion:164 Resp: 45481

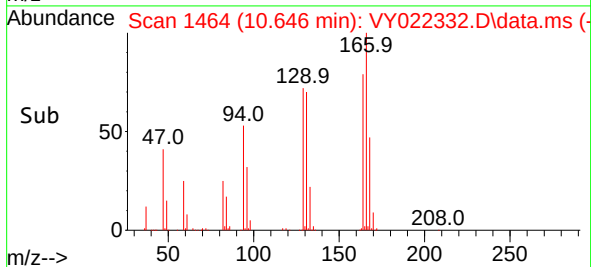
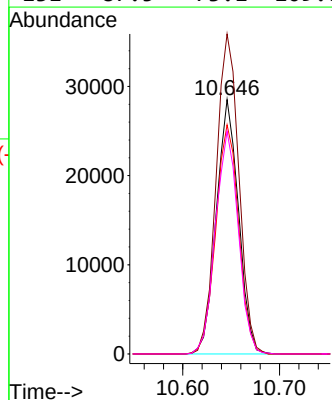
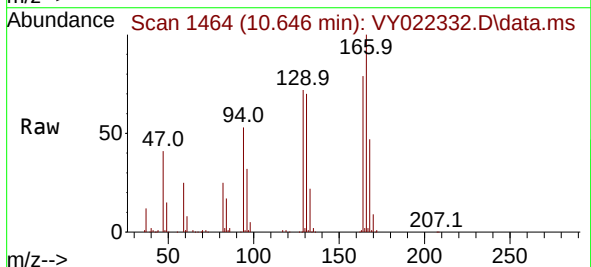
Ion Ratio Lower Upper

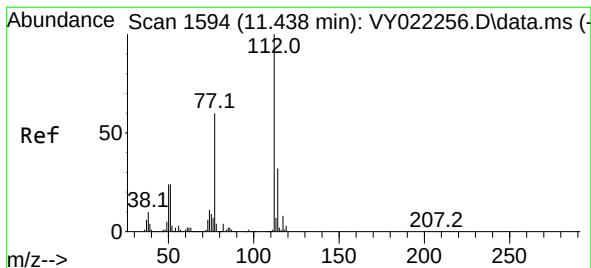
164 100

166 125.8 100.4 150.6

129 90.0 76.4 114.6

131 87.5 73.1 109.7





#65

Chlorobenzene

Concen: 20.148 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

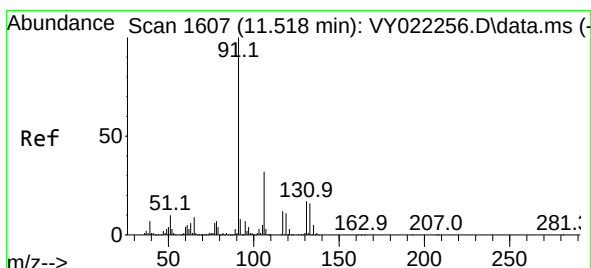
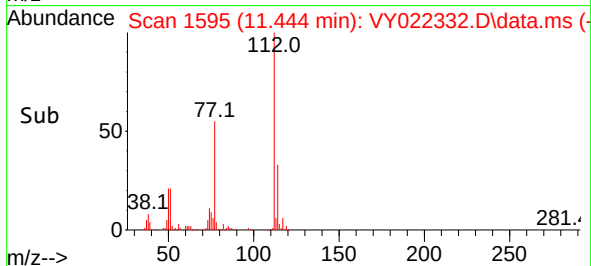
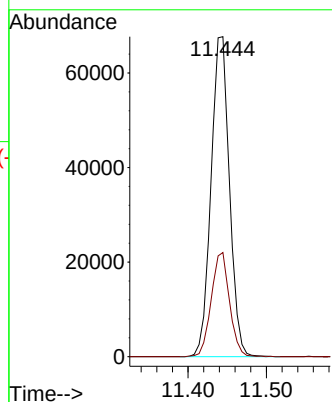
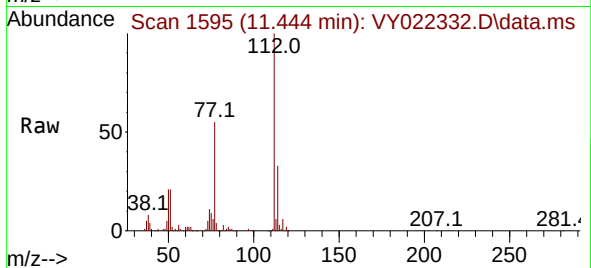
VY0520SBS01

Tgt Ion:112 Resp: 110375

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.309 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

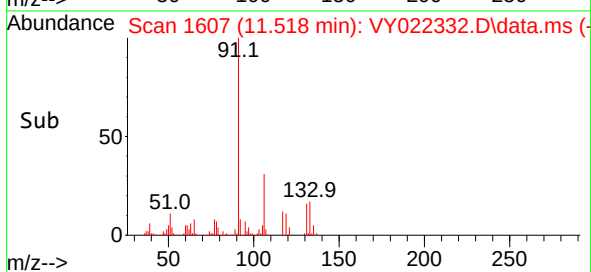
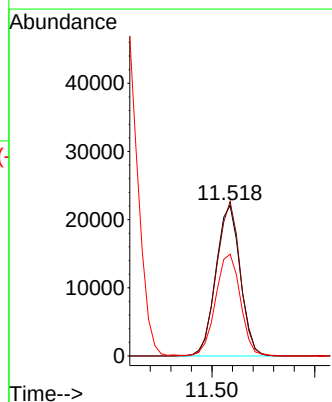
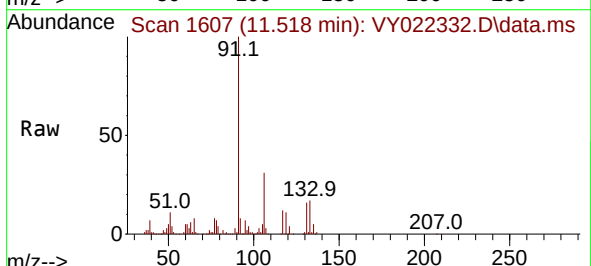
Tgt Ion:131 Resp: 36365

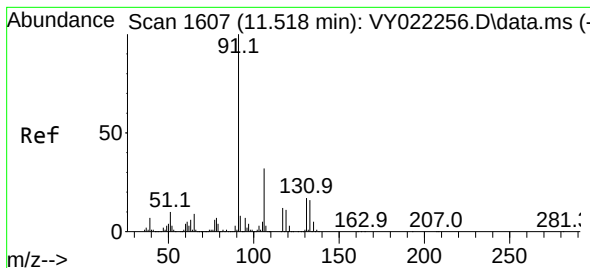
Ion Ratio Lower Upper

131 100

133 99.8 47.3 141.9

119 68.9 33.1 99.2

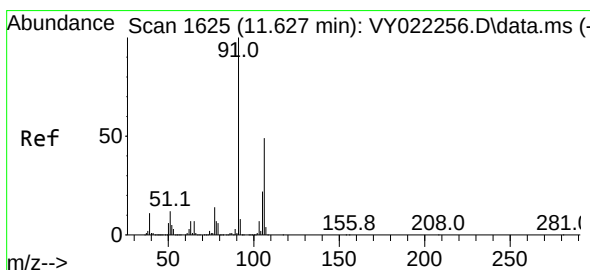
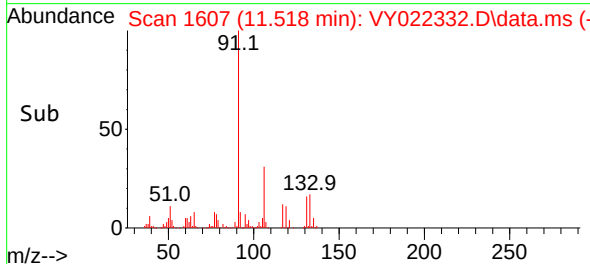
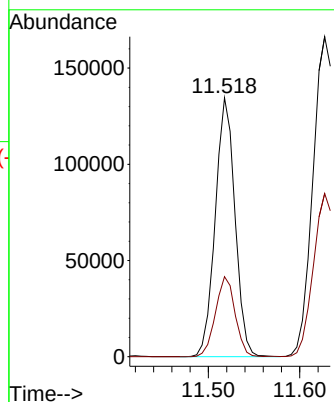
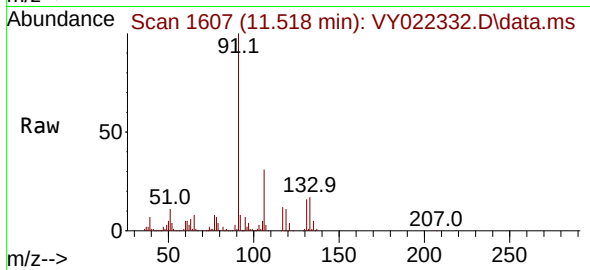




#67
Ethyl Benzene
Concen: 19.657 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

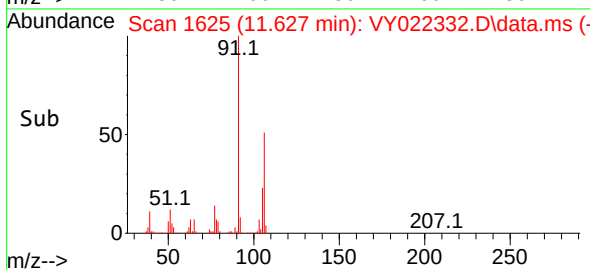
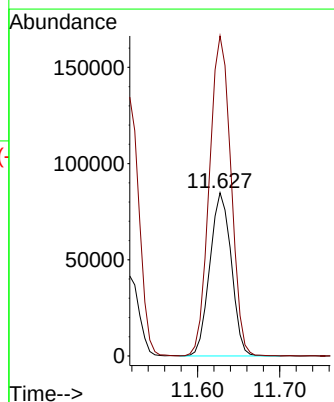
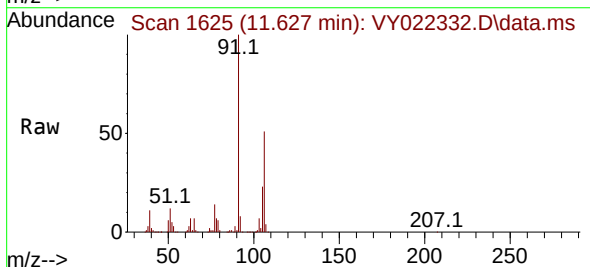
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

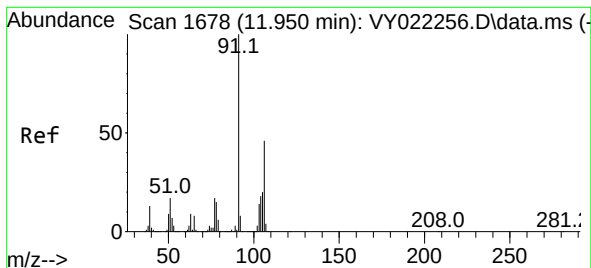
Tgt Ion: 91 Resp: 201669
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#68
m/p-Xylenes
Concen: 39.739 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion:106 Resp: 153629
Ion Ratio Lower Upper
106 100
91 197.6 163.0 244.4





#69

o-Xylene

Concen: 19.717 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

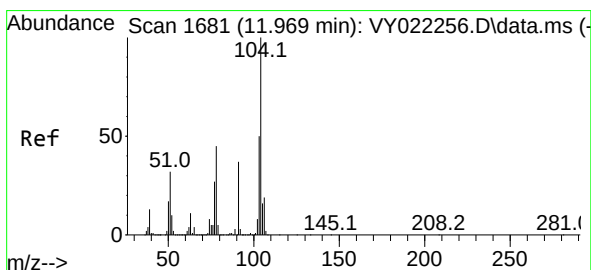
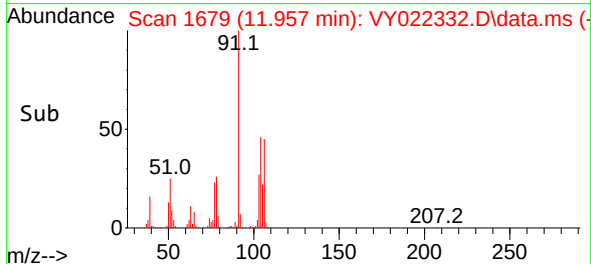
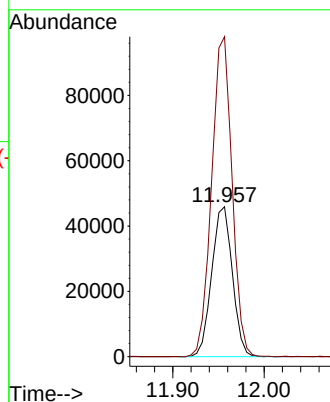
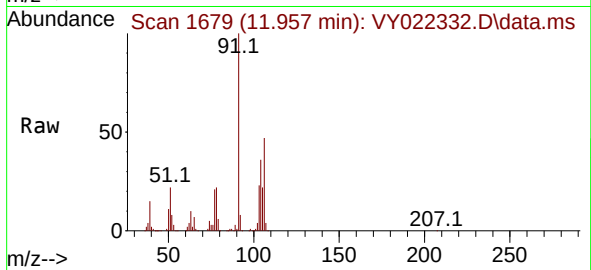
VY0520SBSD01

Tgt Ion:106 Resp: 72117

Ion Ratio Lower Upper

106 100

91 211.5 108.3 324.8



#70

Styrene

Concen: 19.214 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

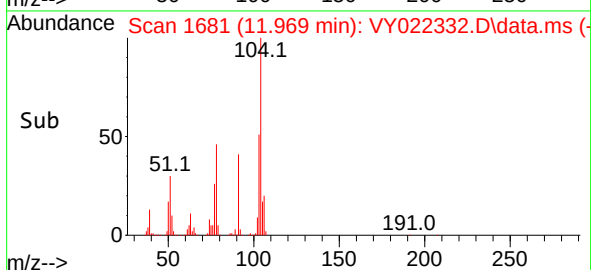
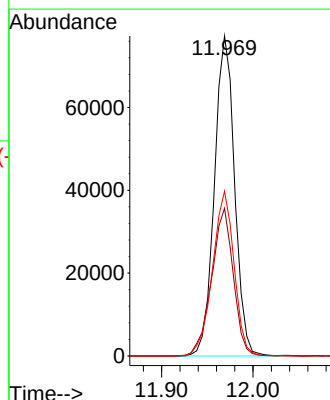
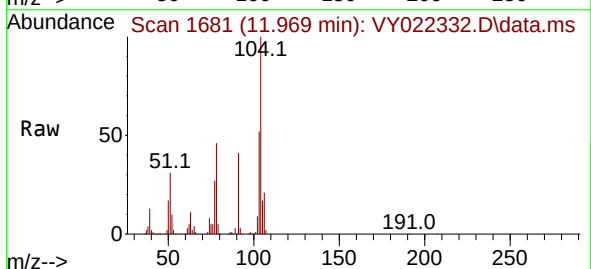
Tgt Ion:104 Resp: 118550

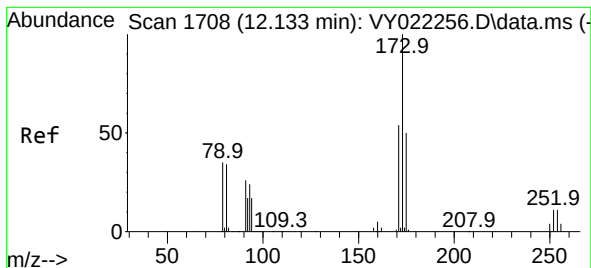
Ion Ratio Lower Upper

104 100

78 49.5 40.9 61.3

103 55.1 43.7 65.5





#71

Bromoform

Concen: 20.060 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

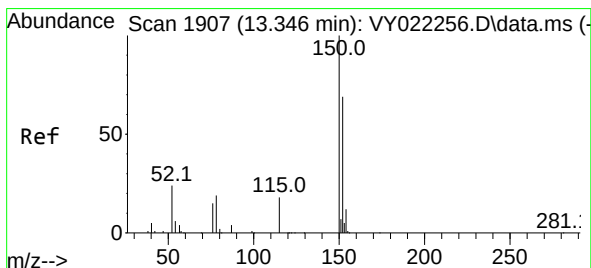
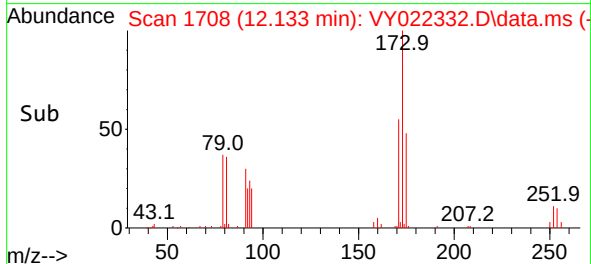
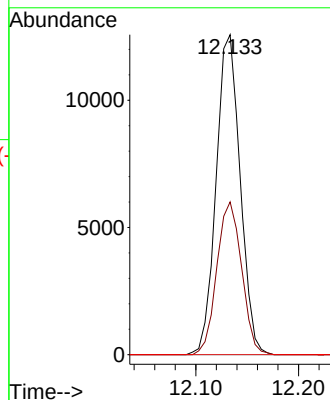
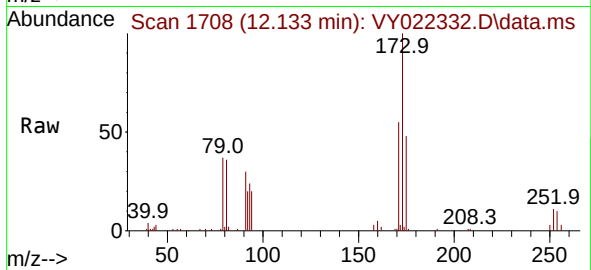
Tgt Ion:173 Resp: 20391

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

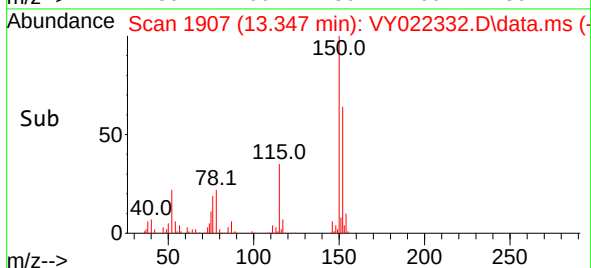
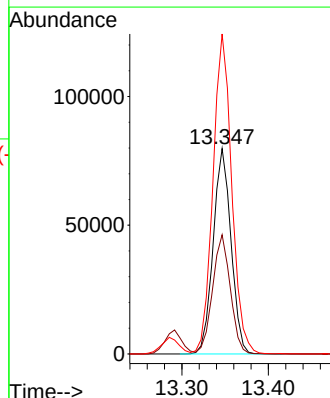
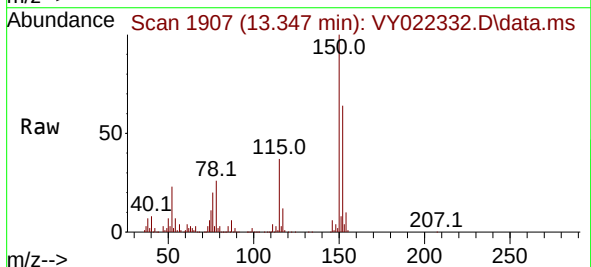
Tgt Ion:152 Resp: 114105

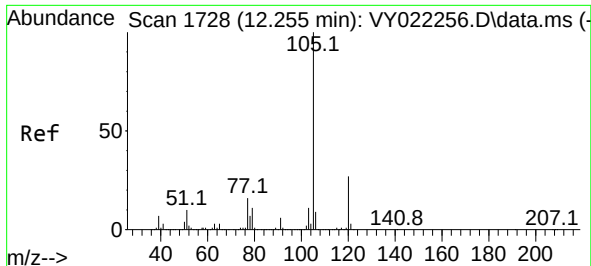
Ion Ratio Lower Upper

152 100

115 57.7 29.4 88.2

150 163.8 0.0 353.8

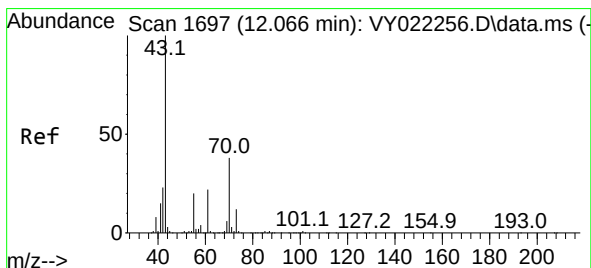
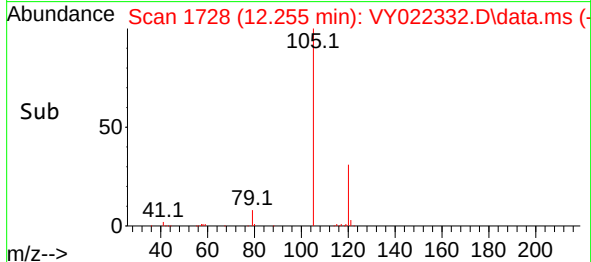
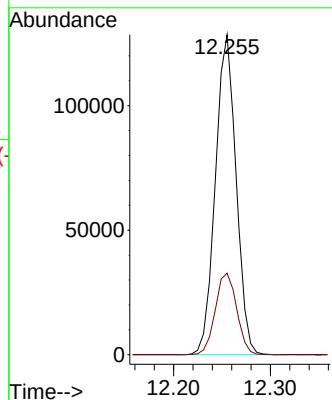
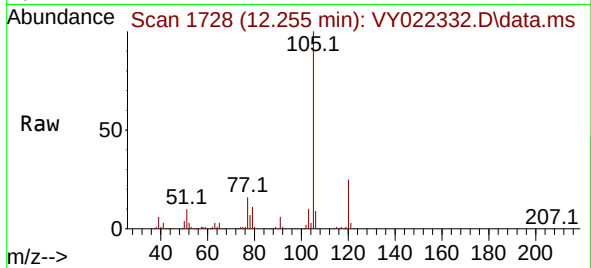




#73
Isopropylbenzene
Concen: 20.198 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

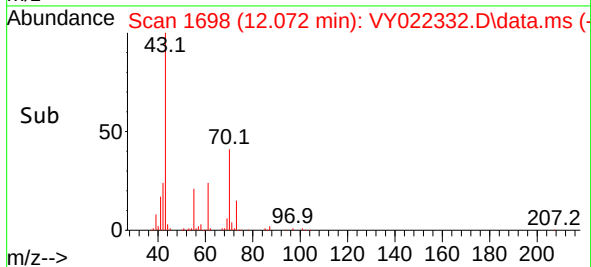
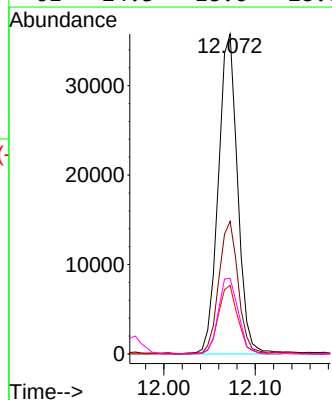
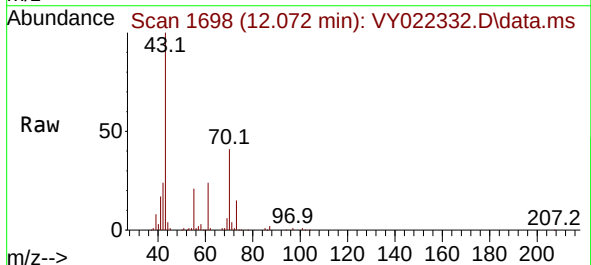
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

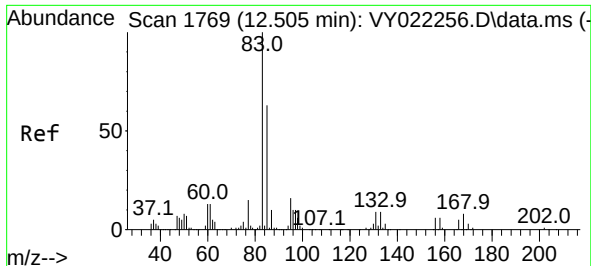
Tgt Ion:105 Resp: 190932
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 19.468 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion: 43 Resp: 52635
Ion Ratio Lower Upper
43 100
70 41.6 31.4 47.0
55 21.4 17.0 25.6
61 24.3 18.6 28.0

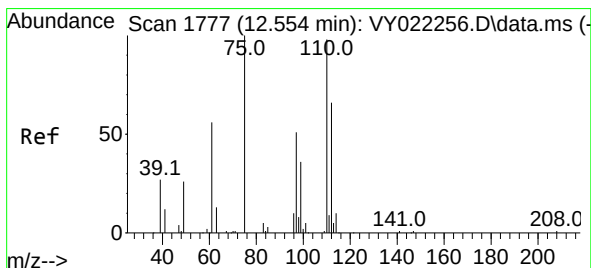
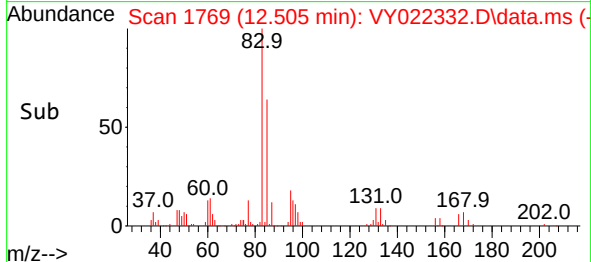
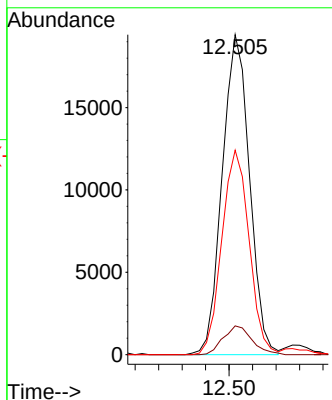
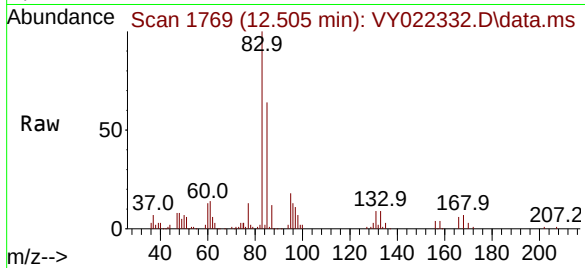




#75
 1,1,2-Tetrachloroethane
 Concen: 21.565 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

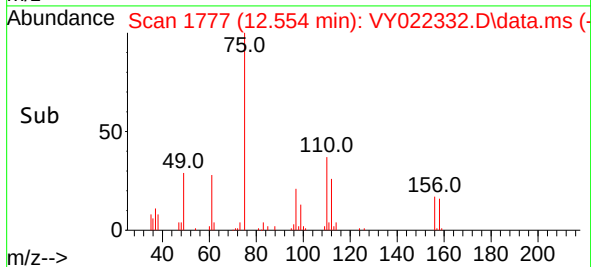
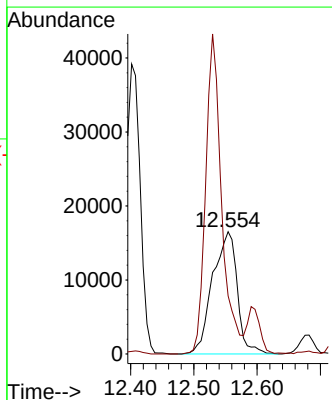
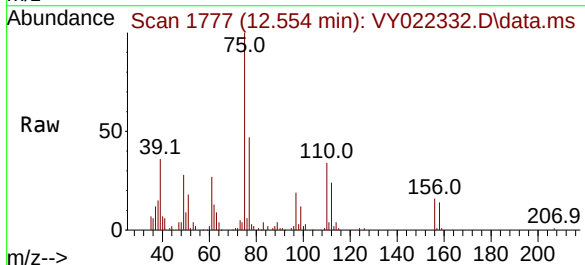
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

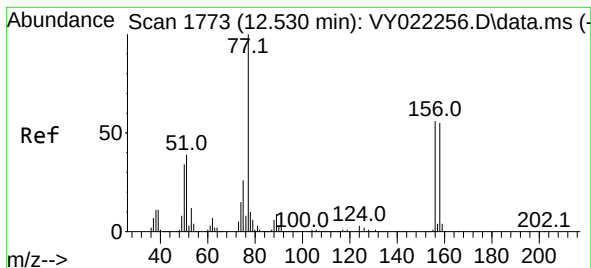
Tgt Ion: 83 Resp: 31351
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.7
 85 63.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 38.624 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion: 75 Resp: 44649
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.097 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

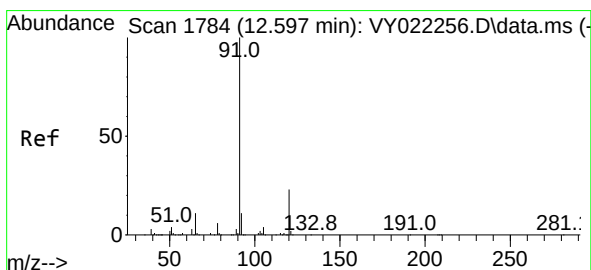
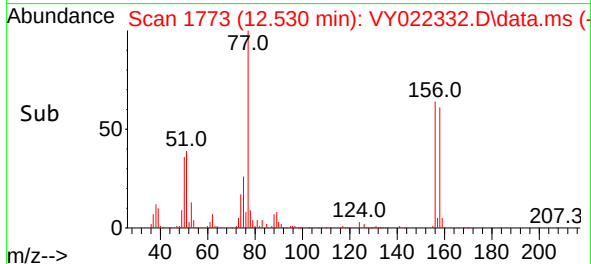
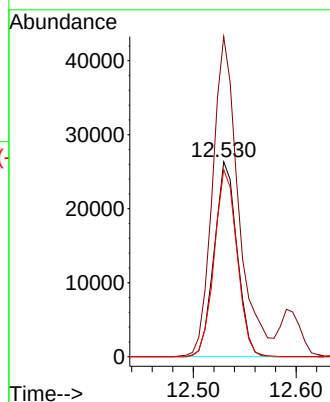
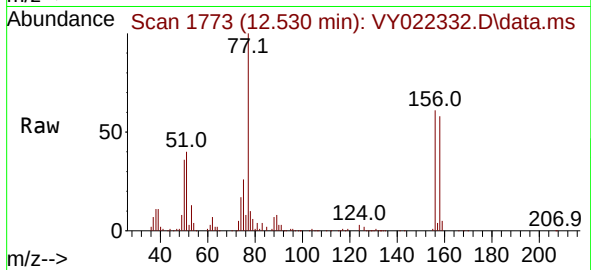
Tgt Ion:156 Resp: 40575

Ion Ratio Lower Upper

156 100

77 187.9 94.5 283.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 20.075 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022332.D

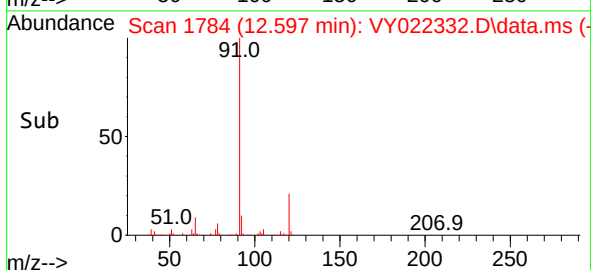
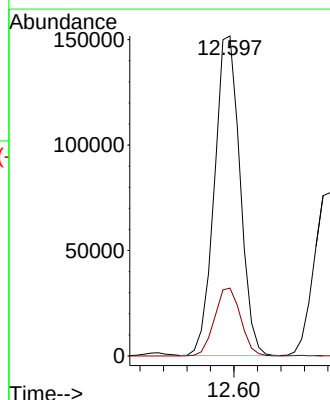
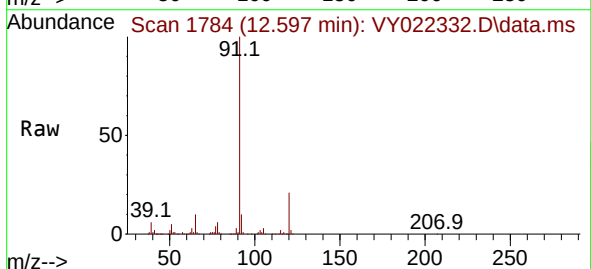
Acq: 20 May 2025 10:43

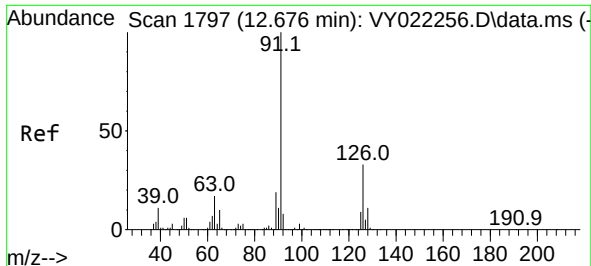
Tgt Ion: 91 Resp: 228900

Ion Ratio Lower Upper

91 100

120 21.7 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.239 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

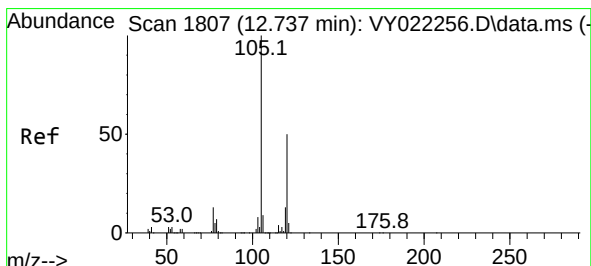
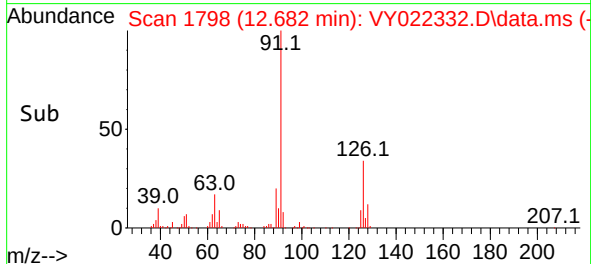
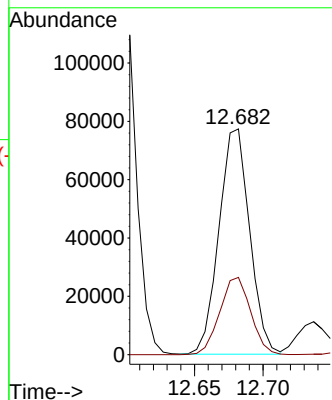
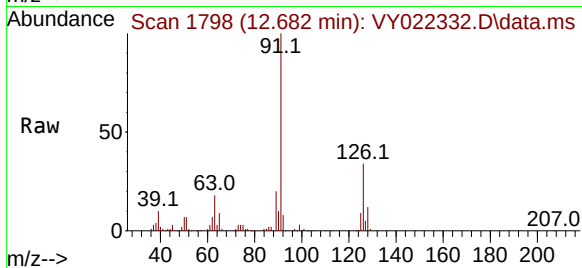
VY0520SBS01

Tgt Ion: 91 Resp: 120552

Ion Ratio Lower Upper

91 100

126 34.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 19.594 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022332.D

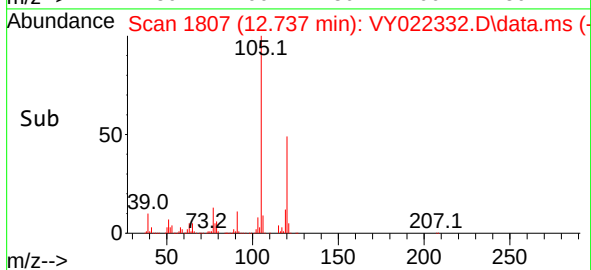
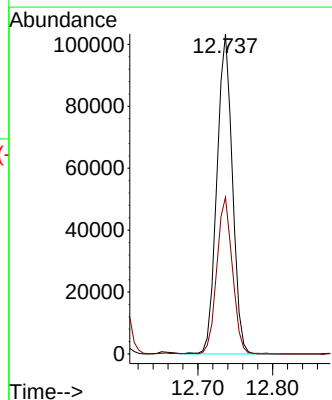
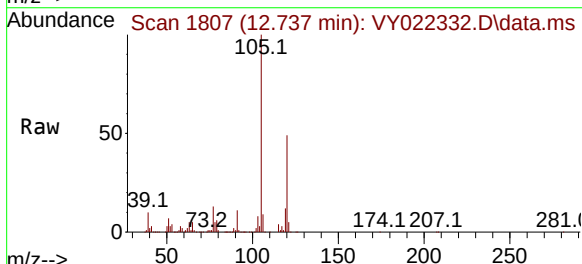
Acq: 20 May 2025 10:43

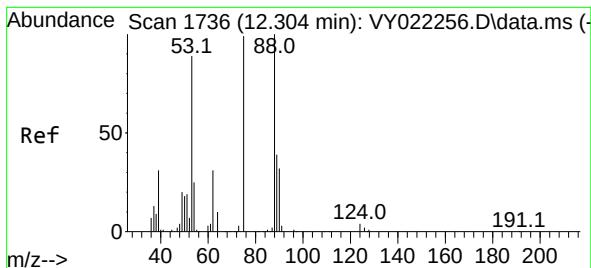
Tgt Ion:105 Resp: 149517

Ion Ratio Lower Upper

105 100

120 49.2 24.2 72.6

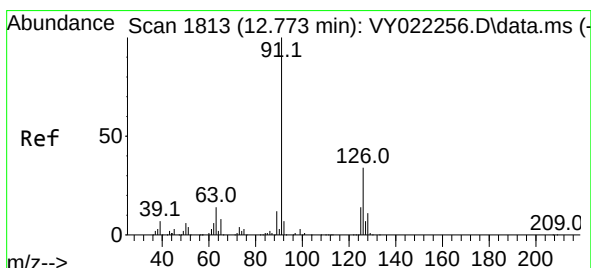
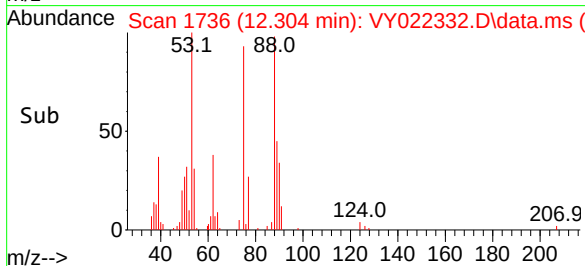
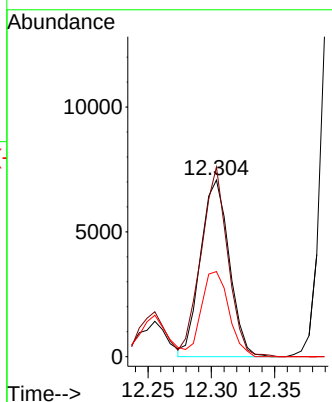
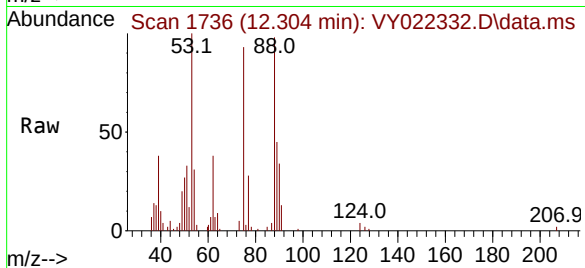




#81
trans-1,4-Dichloro-2-butene
Concen: 19.595 ug/l
RT: 12.304 min Scan# 11182
Delta R.T. 0.000 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

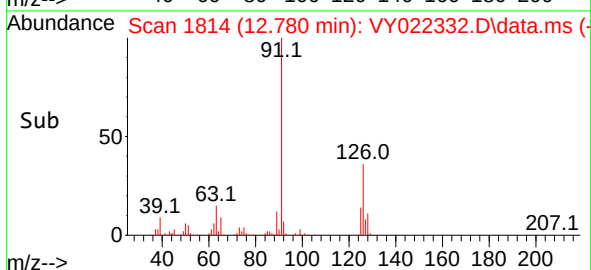
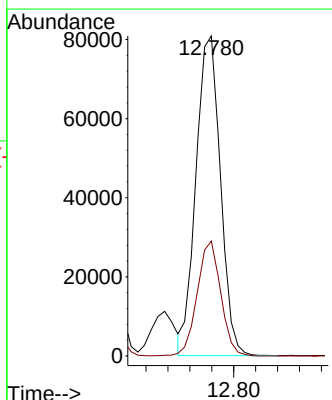
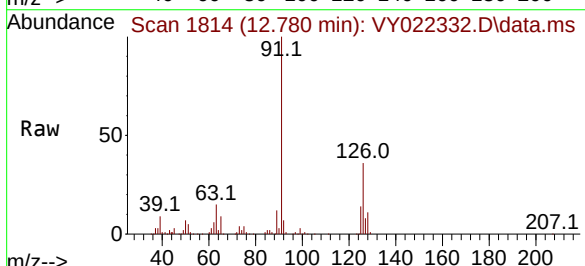
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

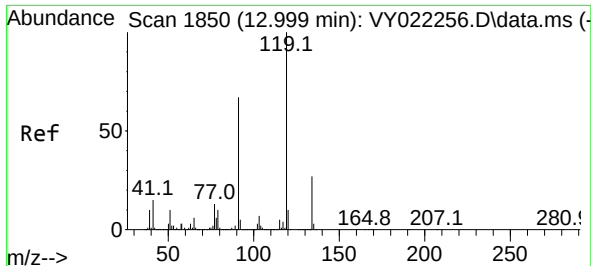
Tgt Ion:	75	Resp:	11182
Ion Ratio	Lower	Upper	
75	100		
53	100.1	75.8	113.8
89	45.7	36.2	54.2



#82
4-Chlorotoluene
Concen: 19.460 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022332.D
Acq: 20 May 2025 10:43

Tgt Ion:	91	Resp:	125421
Ion Ratio	Lower	Upper	
91	100		
126	34.6	16.8	50.4

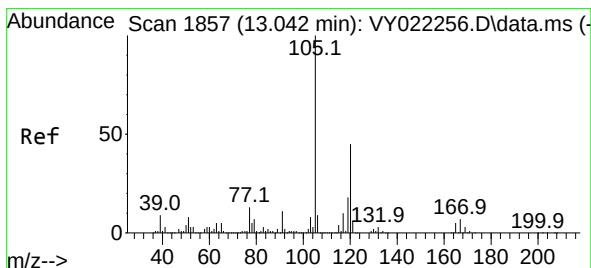
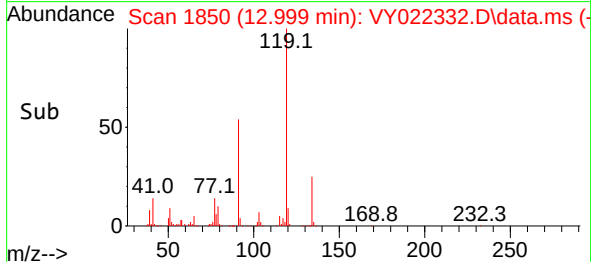
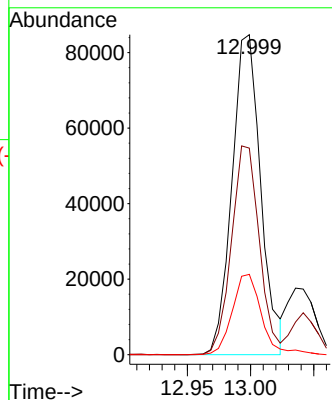
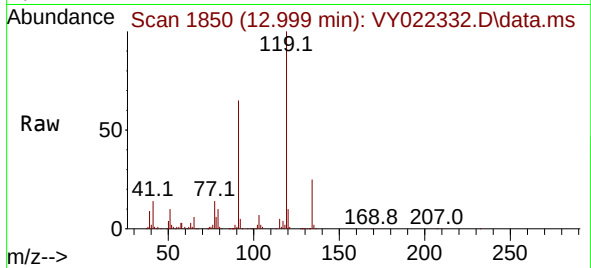




#83
 tert-Butylbenzene
 Concen: 19.768 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

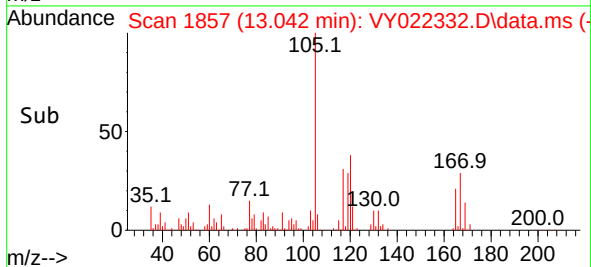
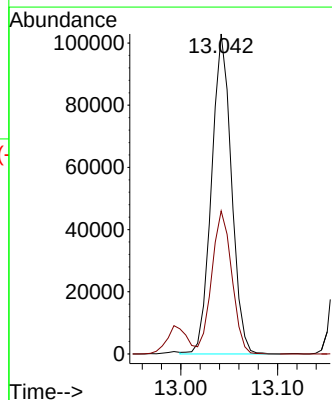
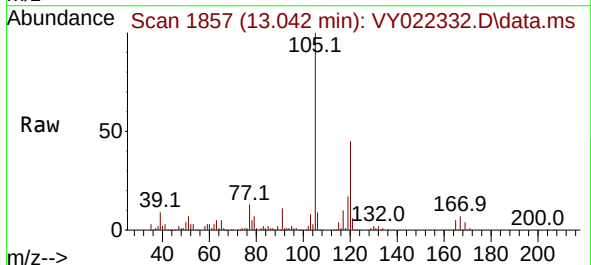
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

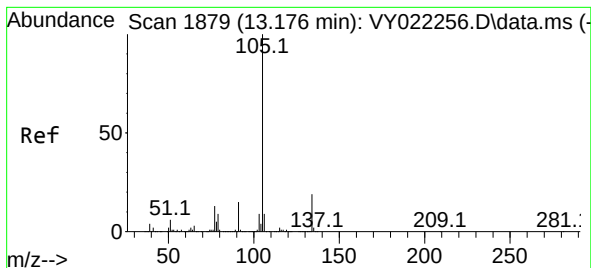
Tgt Ion:119 Resp: 134072
 Ion Ratio Lower Upper
 119 100
 91 63.4 32.8 98.3
 134 25.6 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.387 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion:105 Resp: 146859
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.725 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

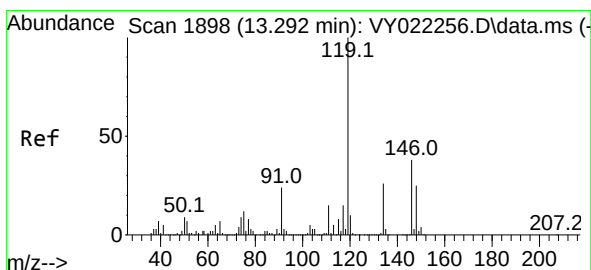
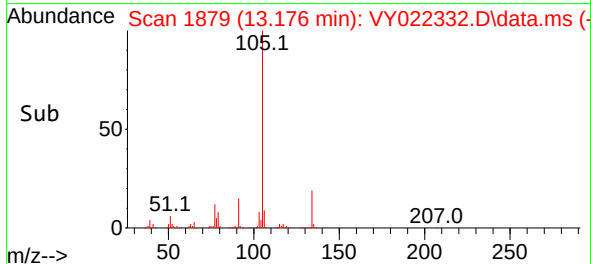
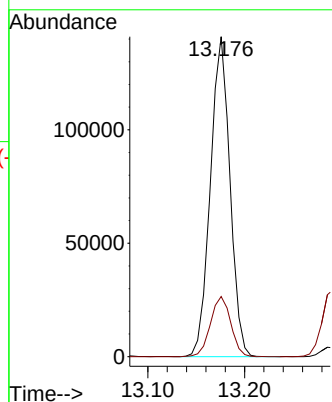
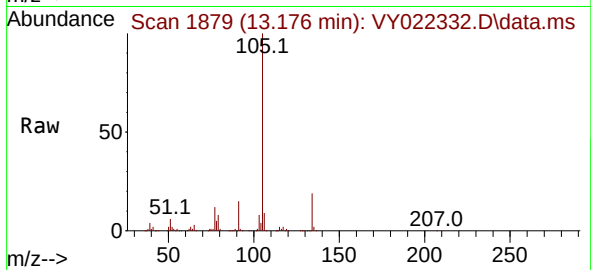
VY0520SBSD01

Tgt Ion:105 Resp: 198590

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.509 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

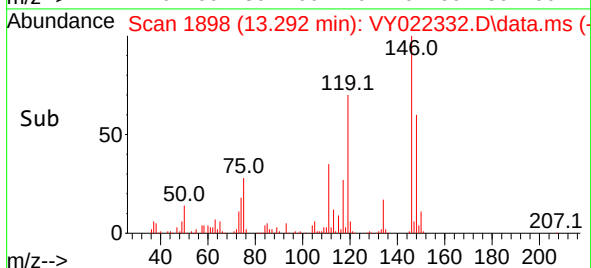
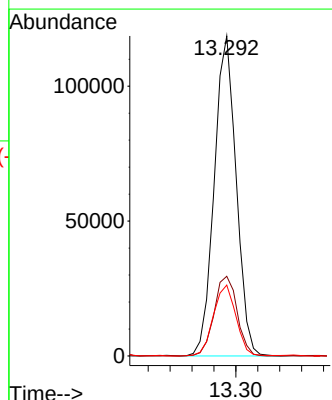
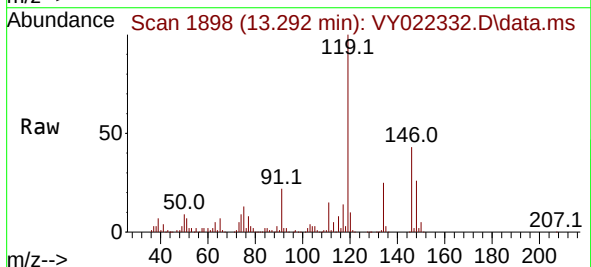
Tgt Ion:119 Resp: 165197

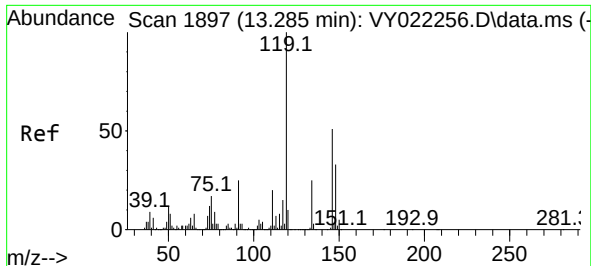
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 22.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.492 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

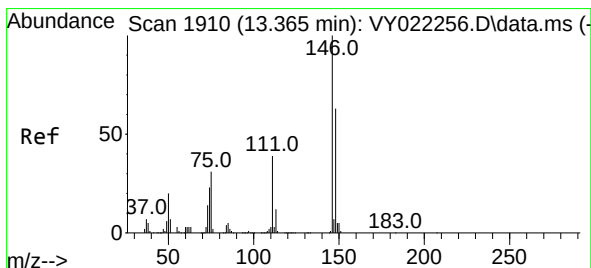
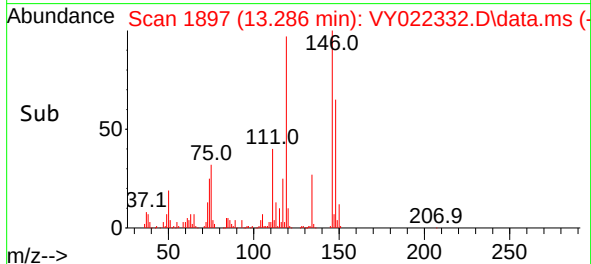
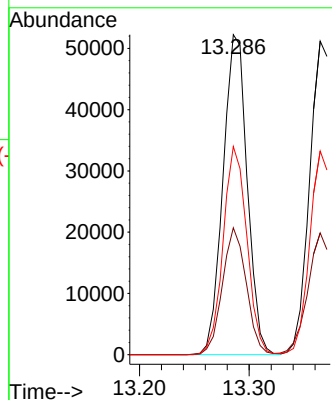
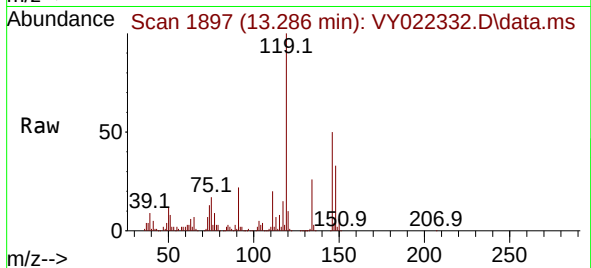
Tgt Ion:146 Resp: 80338

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.860 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

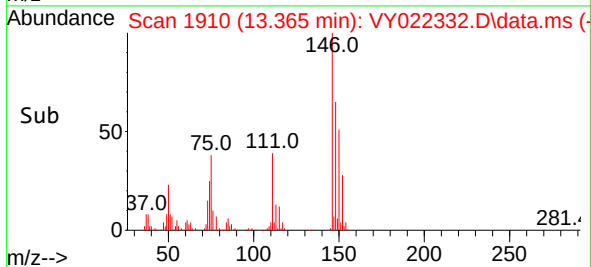
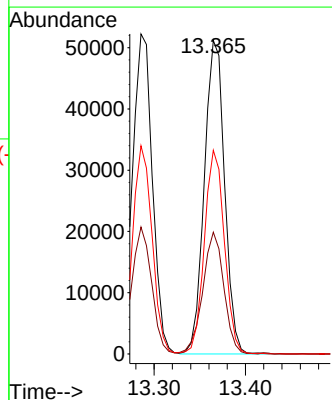
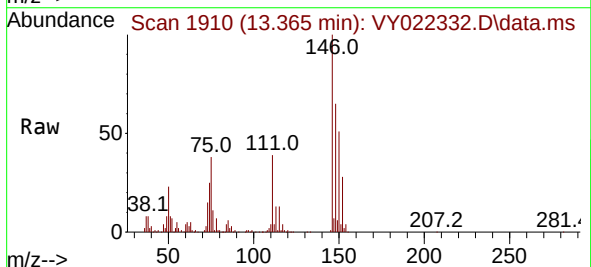
Tgt Ion:146 Resp: 78736

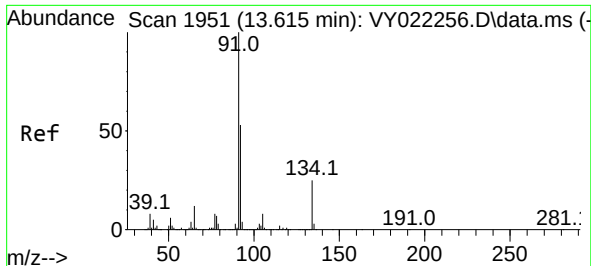
Ion Ratio Lower Upper

146 100

111 40.4 20.0 59.9

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 19.794 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

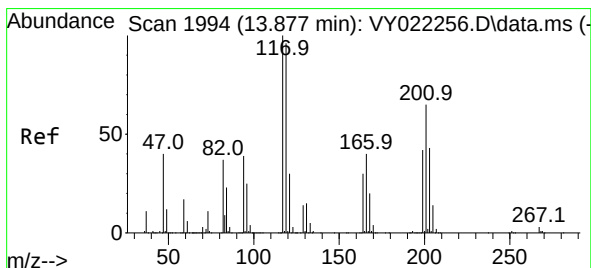
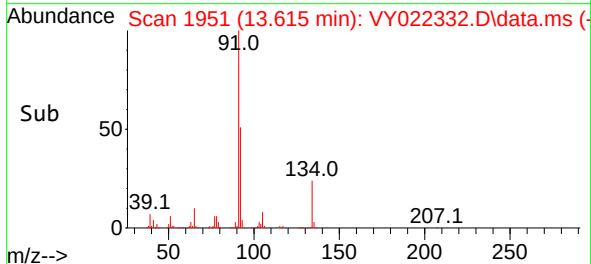
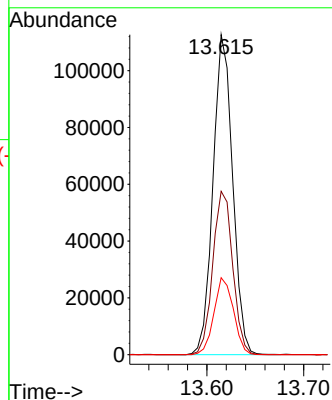
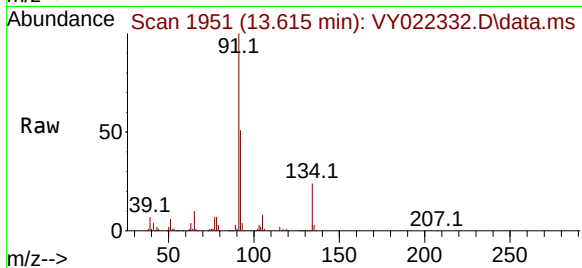
Tgt Ion: 91 Resp: 158568

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

134 23.9 12.4 37.4



#90

Hexachloroethane

Concen: 19.480 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022332.D

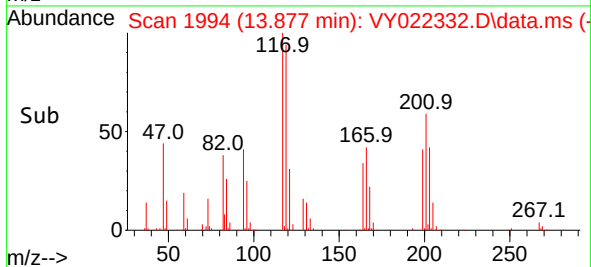
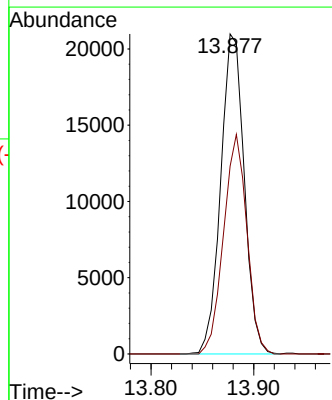
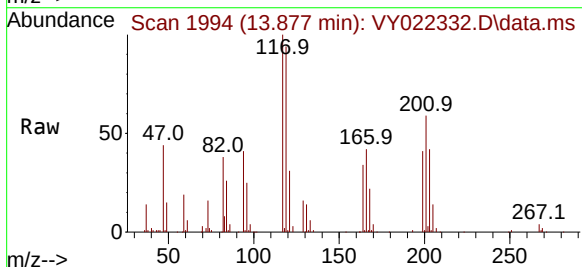
Acq: 20 May 2025 10:43

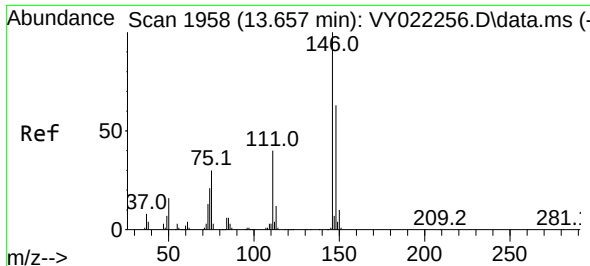
Tgt Ion: 117 Resp: 33297

Ion Ratio Lower Upper

117 100

201 68.0 35.2 105.6

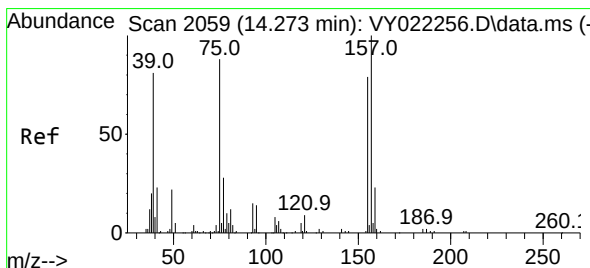
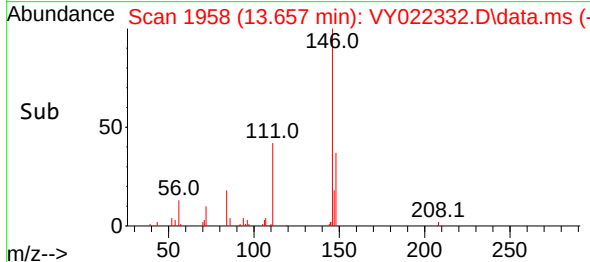
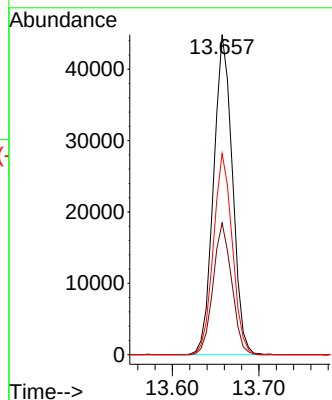
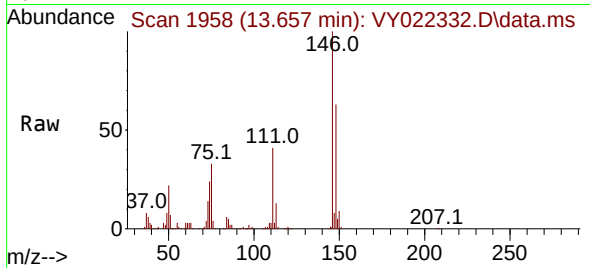




#91
 1,2-Dichlorobenzene
 Concen: 19.600 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

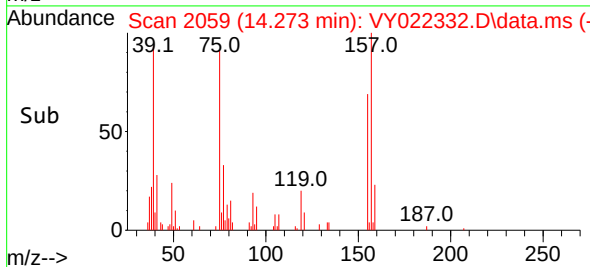
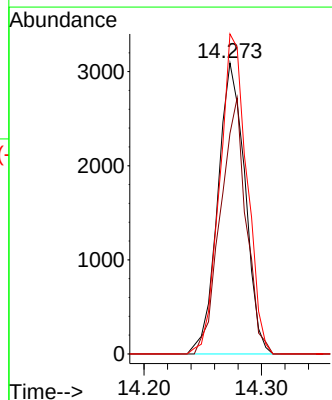
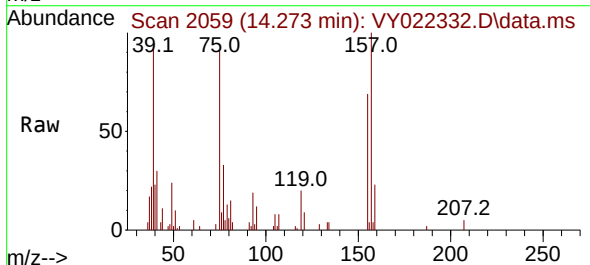
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

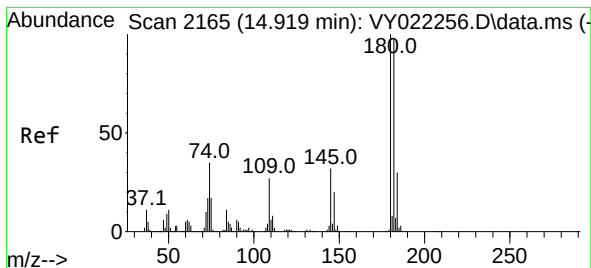
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.5
148	63.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.200 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022332.D
 Acq: 20 May 2025 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.4	130.1
157	110.1	54.6	163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.296 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

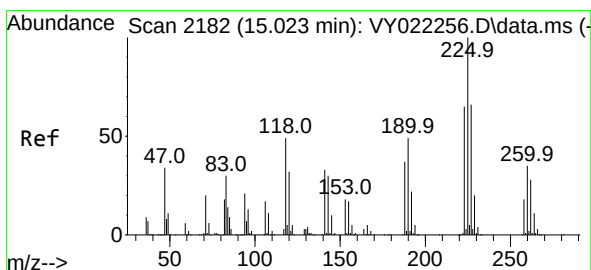
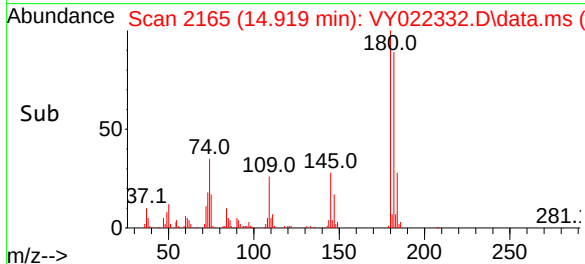
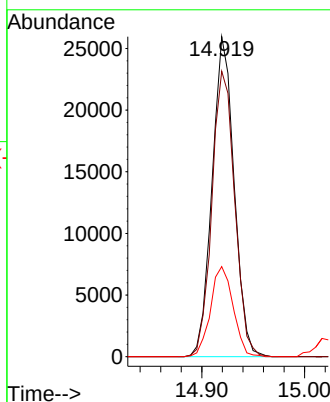
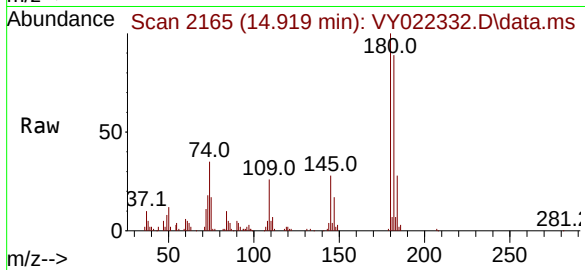
Tgt Ion:180 Resp: 38588

Ion Ratio Lower Upper

180 100

182 92.2 48.0 144.0

145 29.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.430 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

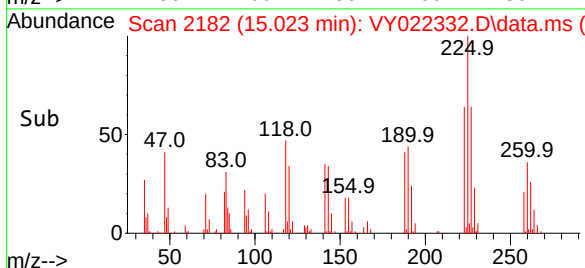
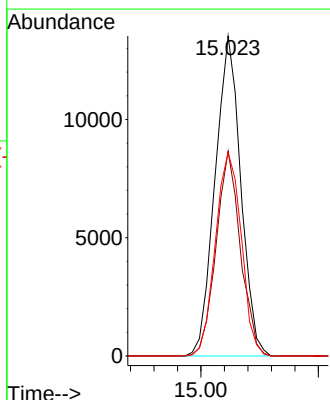
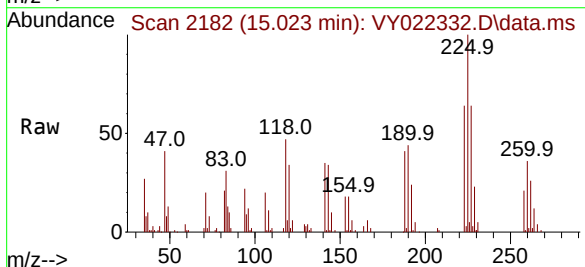
Tgt Ion:225 Resp: 20554

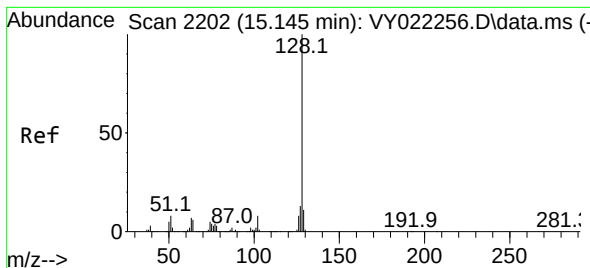
Ion Ratio Lower Upper

225 100

223 60.7 31.5 94.5

227 64.1 32.1 96.3





#95

Naphthalene

Concen: 20.019 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

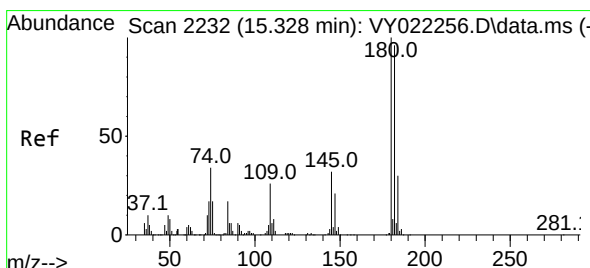
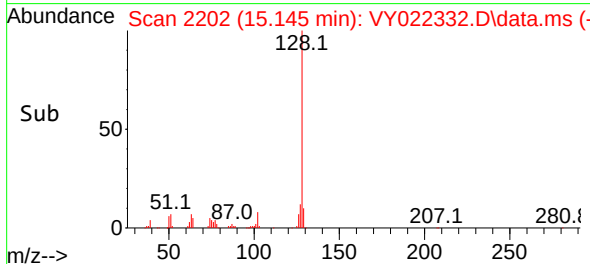
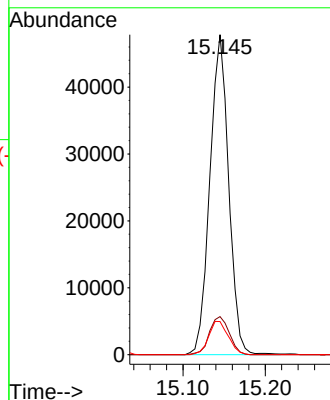
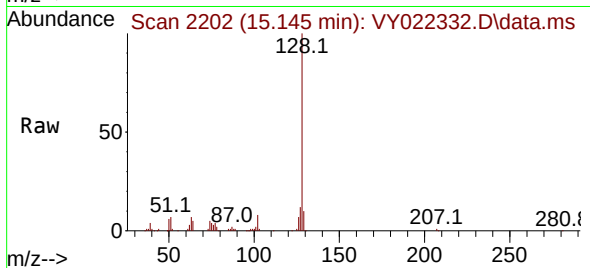
Tgt Ion:128 Resp: 75971

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.573 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022332.D

Acq: 20 May 2025 10:43

Tgt Ion:180 Resp: 31508

Ion Ratio Lower Upper

180 100

182 93.0 47.1 141.3

145 33.9 15.9 47.6

