

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022349.D
 Acq On : 20 May 2025 17:41
 Operator : SY/MD
 Sample : Q2032-06MSD
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

Quant Time: May 21 01:54:23 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	16153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	22646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	16045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	8294	46.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.634	113	6826	50.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.103	98	28858	52.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.408	95	7351	41.895	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	10576	62.747	ug/l	95
3) Chloromethane	2.068	50	15048	42.442	ug/l	95
4) Vinyl Chloride	2.202	62	26429	66.719	ug/l	100
5) Bromomethane	2.598	94	12046	37.356	ug/l	96
6) Chloroethane	2.739	64	15500	62.896	ug/l	96
7) Trichlorofluoromethane	3.056	101	21134	52.695	ug/l	99
8) Diethyl Ether	3.446	74	4070	42.286	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.806	101	12921	74.211	ug/l	97
10) Methyl Iodide	3.995	142	11297	56.060	ug/l	98
11) Tert butyl alcohol	4.842	59	4804	356.353	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	10869	62.906	ug/l	91
13) Acrolein	3.647	56	2482	125.939	ug/l	86
14) Allyl chloride	4.379	41	11650	38.454	ug/l	93
15) Acrylonitrile	5.049	53	11901	300.084	ug/l	96
16) Acetone	3.854	43	15288	461.846	ug/l	99
17) Carbon Disulfide	4.104	76	30044	53.323	ug/l	96
18) Methyl Acetate	4.379	43	11502	110.206	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	20723	43.498	ug/l	94
20) Methylene Chloride	4.610	84	7940	37.121	ug/l	87
21) trans-1,2-Dichloroethene	5.110	96	9176	48.114	ug/l	90
22) Diisopropyl ether	6.025	45	21616	33.786	ug/l	97
23) Vinyl Acetate	5.964	43	25029	64.755	ug/l	97
24) 1,1-Dichloroethane	5.909	63	15360	42.973	ug/l #	91
25) 2-Butanone	6.896	43	16846	304.245	ug/l	94
26) 2,2-Dichloropropane	6.890	77	16228	51.045	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	9267	42.107	ug/l	98
28) Bromochloromethane	7.244	49	6476	42.476	ug/l	98
29) Tetrahydrofuran	7.262	42	11083	311.125	ug/l	93
30) Chloroform	7.421	83	14078	41.062	ug/l	94
31) Cyclohexane	7.701	56	21939	61.432	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	17639	56.078	ug/l	99
36) 1,1-Dichloropropene	7.841	75	14864	66.765	ug/l	97
37) Ethyl Acetate	6.982	43	5897	55.051	ug/l #	90
38) Carbon Tetrachloride	7.817	117	16234	70.445	ug/l	88
39) Methylcyclohexane	9.103	83	22450	75.057	ug/l	94
40) Benzene	8.079	78	32761	49.638	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	4410	62.063	ug/l #	68
42) 1,2-Dichloroethane	8.158	62	8464	47.423	ug/l	99
43) Isopropyl Acetate	8.195	43	12549	53.717	ug/l	97
44) Trichloroethene	8.866	130	9336	56.890	ug/l	97
45) 1,2-Dichloropropane	9.140	63	7344	46.154	ug/l	89
46) Dibromomethane	9.225	93	4390	51.152	ug/l	97
47) Bromodichloromethane	9.420	83	9943	44.659	ug/l	94
48) Methyl methacrylate	9.219	41	5980	54.736	ug/l	96
49) 1,4-Dioxane	9.219	88	1721	1775.079	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	33849	295.294	ug/l	97
52) Toluene	10.170	92	19038	45.553	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	8593	39.548	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	9418	37.832	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	5756	52.376	ug/l	90
56) Ethyl methacrylate	10.439	69	7975	46.586	ug/l	95
57) 1,3-Dichloropropane	10.713	76	9586	49.093	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	18139	236.070	ug/l	98
59) 2-Hexanone	10.762	43	20675	269.010	ug/l	97
60) Dibromochloromethane	10.914	129	6117	42.883	ug/l	100
61) 1,2-Dibromoethane	11.012	107	5012	48.932	ug/l	97
64) Tetrachloroethene	10.646	164	10095	68.069	ug/l	89
65) Chlorobenzene	11.438	112	17975	49.656	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	5931	47.659	ug/l	95
67) Ethyl Benzene	11.518	91	36875	54.393	ug/l	95
68) m/p-Xylenes	11.633	106	26611	104.170	ug/l	95
69) o-Xylene	11.957	106	12285	50.829	ug/l	90
70) Styrene	11.969	104	16436	40.314	ug/l	96
71) Bromoform	12.133	173	3353	49.918	ug/l #	99
73) Isopropylbenzene	12.255	105	37516	71.675	ug/l	99
74) N-amyl acetate	12.072	43	2552	17.048	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	6089	75.643	ug/l	94
76) 1,2,3-Trichloropropane	12.554	75	7595	118.657	ug/l #	100
77) Bromobenzene	12.530	156	5816	52.026	ug/l	94
78) n-propylbenzene	12.597	91	42156	66.772	ug/l	98
79) 2-Chlorotoluene	12.682	91	19408	55.939	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	25630	60.660	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	1224	38.738	ug/l	93
82) 4-Chlorotoluene	12.773	91	17538	49.145	ug/l	95
83) tert-Butylbenzene	12.999	119	26015	69.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	21900	52.214	ug/l	96
85) sec-Butylbenzene	13.176	105	39635	71.099	ug/l	100
86) p-Isopropyltoluene	13.292	119	28766	61.354	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	9902	43.389	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	9009	41.040	ug/l	100
89) n-Butylbenzene	13.621	91	25111	56.613	ug/l	98
90) Hexachloroethane	13.877	117	4873	51.488	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	8375	43.690	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.279	75	745	57.394	ug/l	83
93) 1,2,4-Trichlorobenzene	14.926	180	2487	22.460	ug/l	95
94) Hexachlorobutadiene	15.023	225	2736	44.308	ug/l	97
95) Naphthalene	15.145	128	5908	28.116	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	1923	20.472	ug/l	94

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QLast Update : Fri May 16 01:42:09 2025
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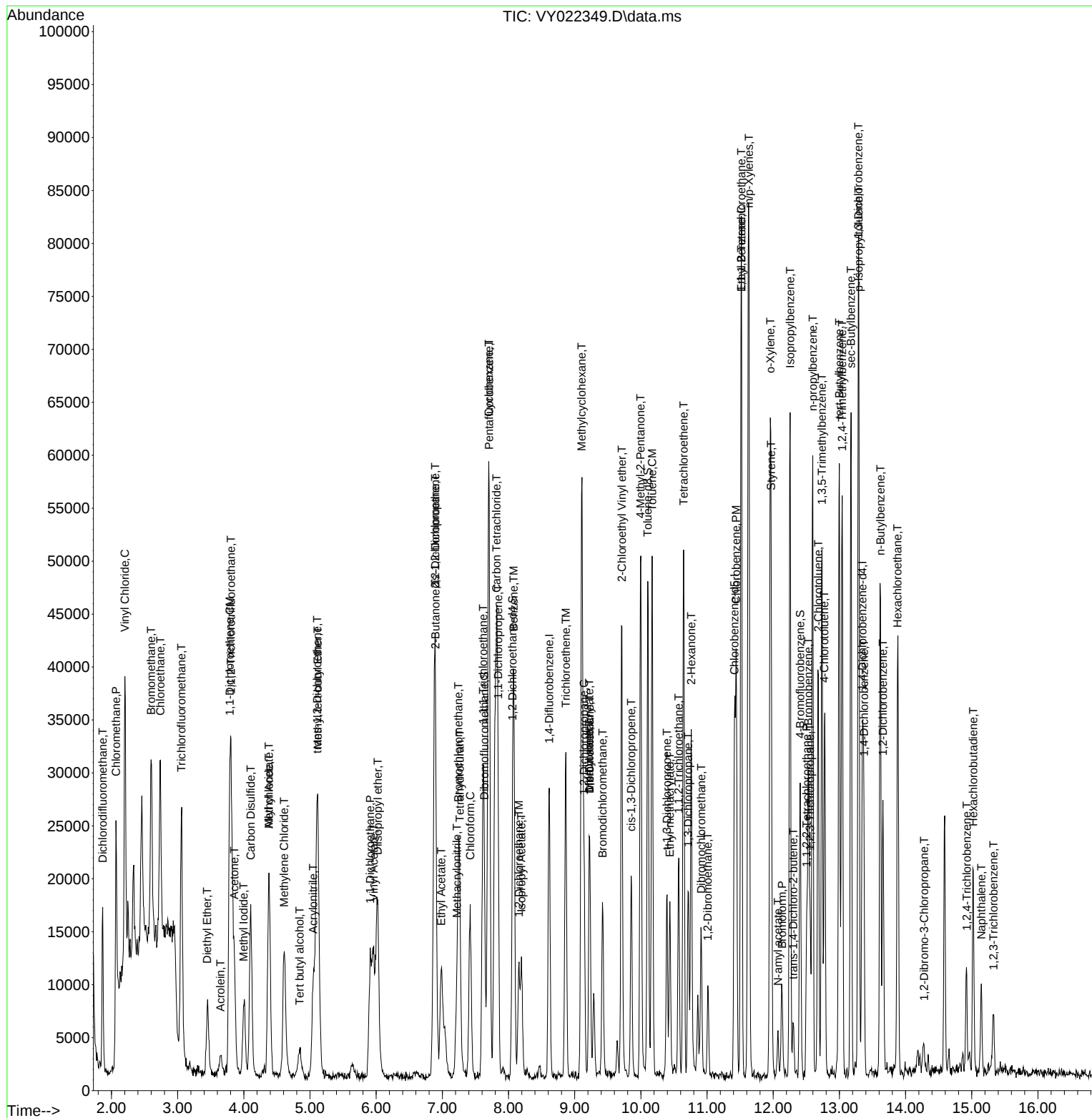
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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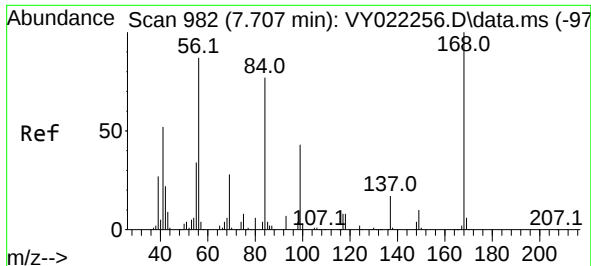
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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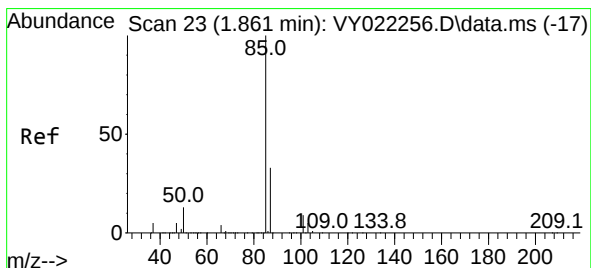
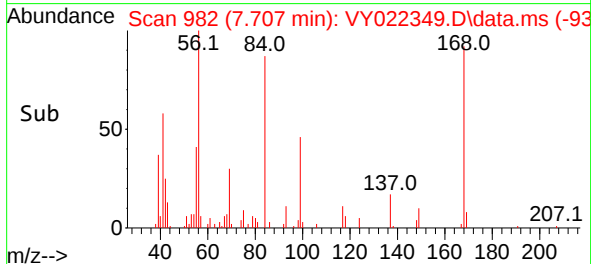
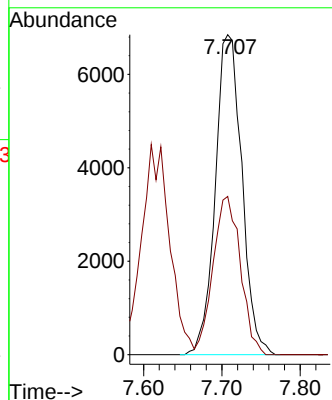
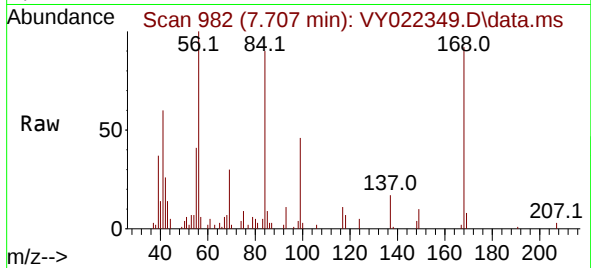




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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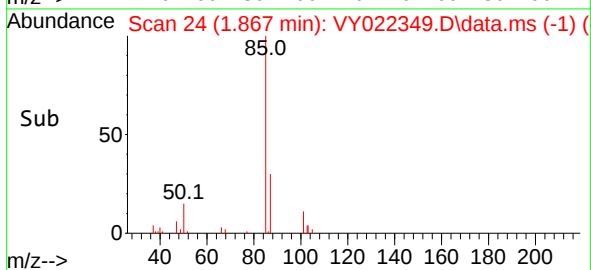
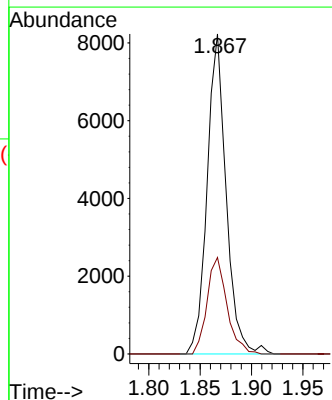
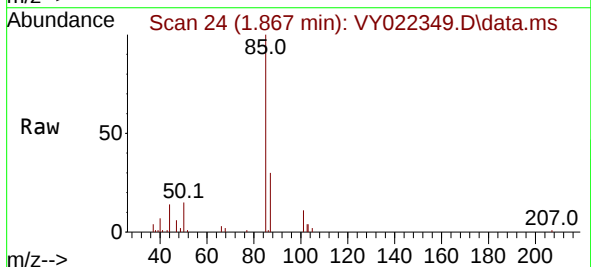
Instrument :
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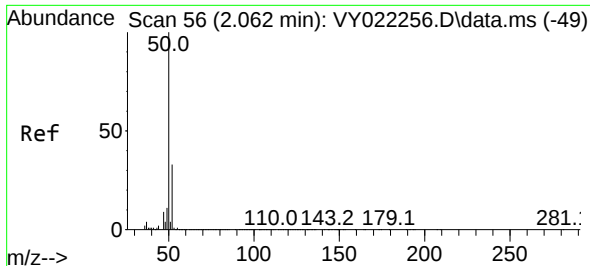
Tgt Ion:168 Resp: 16153
Ion Ratio Lower Upper
168 100
99 49.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 62.747 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 85 Resp: 10576
Ion Ratio Lower Upper
85 100
87 30.2 16.5 49.5

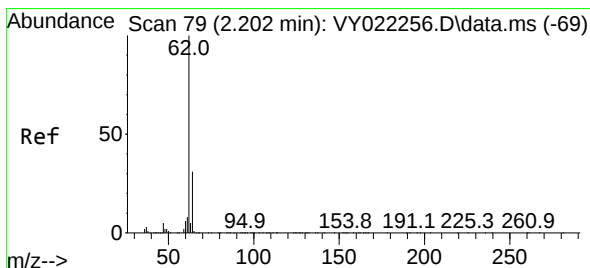
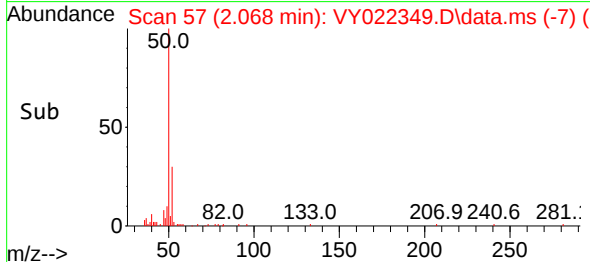
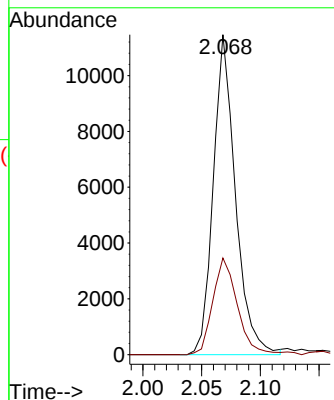
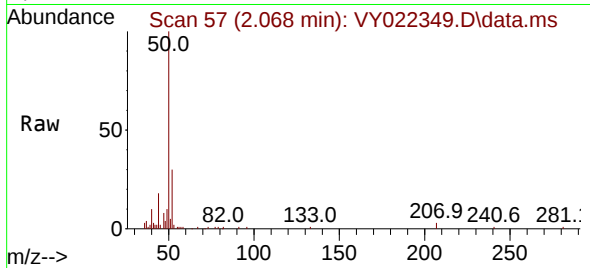




#3
Chloromethane
Concen: 42.442 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022349.D
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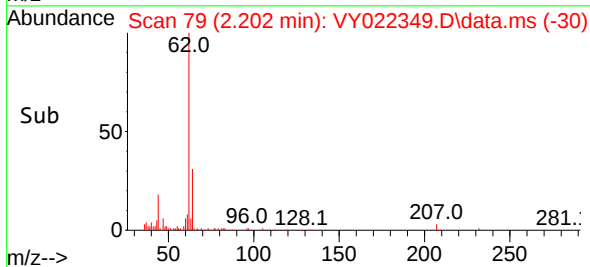
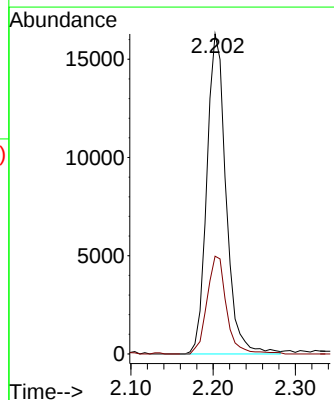
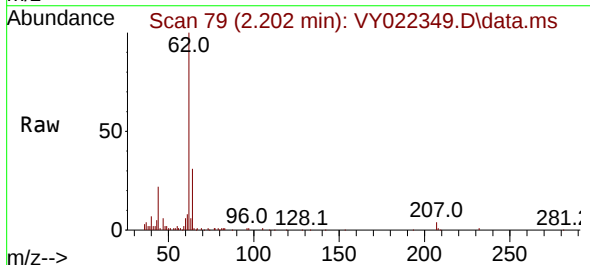
Instrument :
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Tgt Ion: 50 Resp: 15048
Ion Ratio Lower Upper
50 100
52 30.2 26.5 39.7



#4
Vinyl Chloride
Concen: 66.719 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 62 Resp: 26429
Ion Ratio Lower Upper
62 100
64 30.5 24.5 36.7

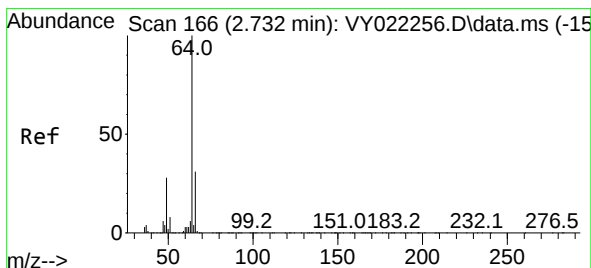
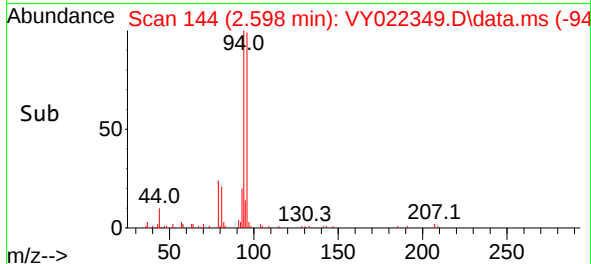
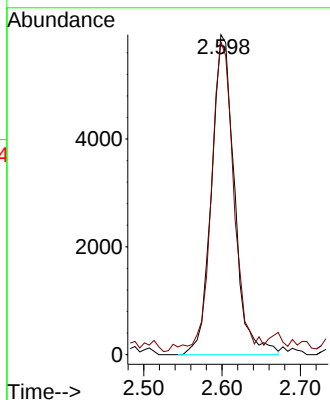
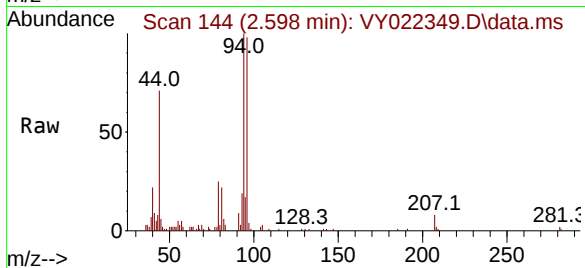




#5
Bromomethane
Concen: 37.356 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022349.D
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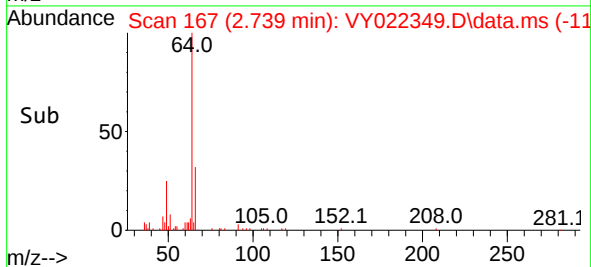
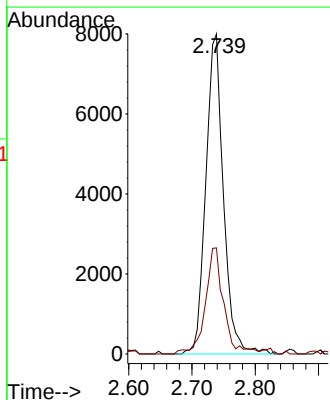
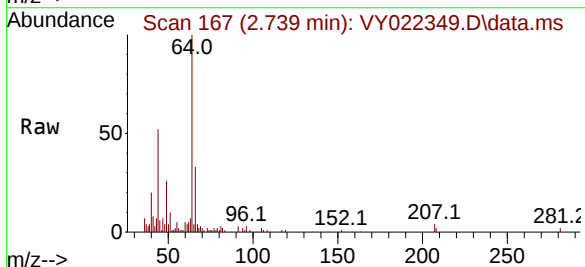
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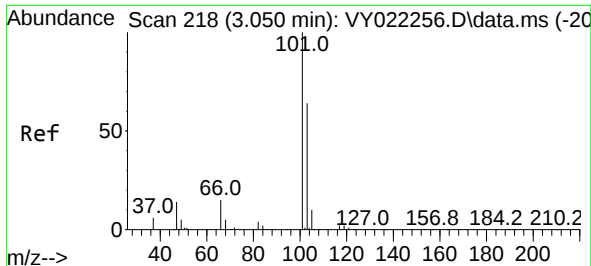
Tgt Ion: 94 Resp: 12046
Ion Ratio Lower Upper
94 100
96 95.3 73.4 110.0



#6
Chloroethane
Concen: 62.896 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 15500
Ion Ratio Lower Upper
64 100
66 33.1 24.8 37.2

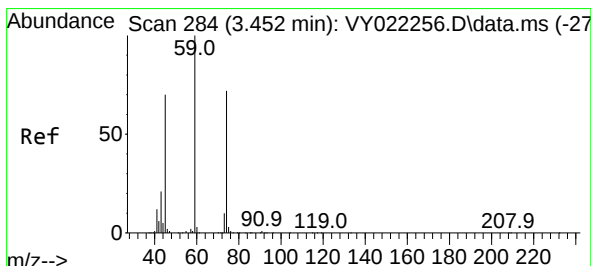
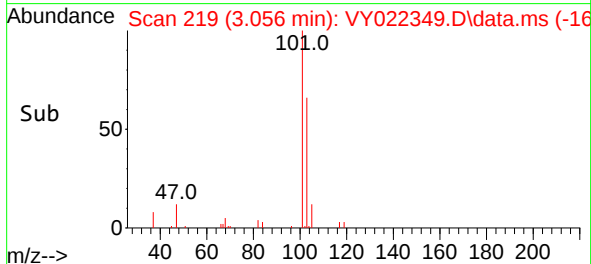
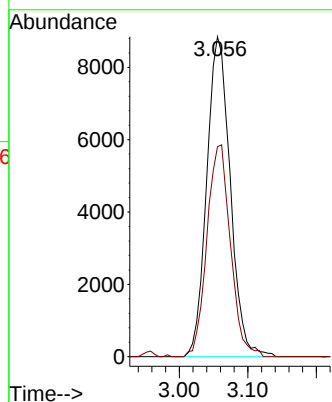
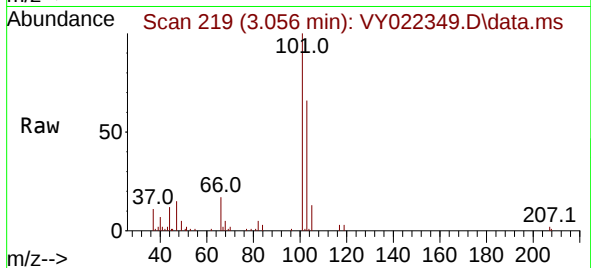




#7
 Trichlorofluoromethane
 Concen: 52.695 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
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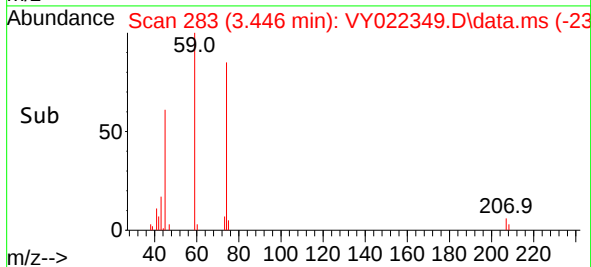
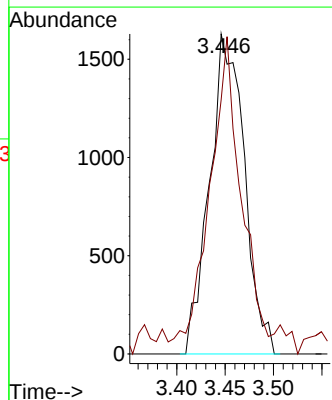
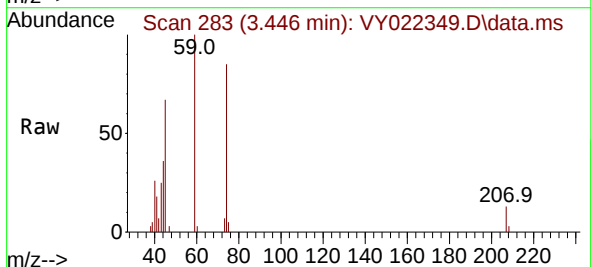
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Tgt Ion:101 Resp: 21134
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 42.286 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
 Lab File: VY022349.D
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Tgt Ion: 74 Resp: 4070
 Ion Ratio Lower Upper
 74 100
 45 90.8 48.6 145.8

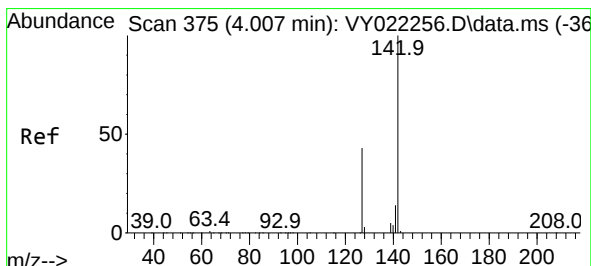
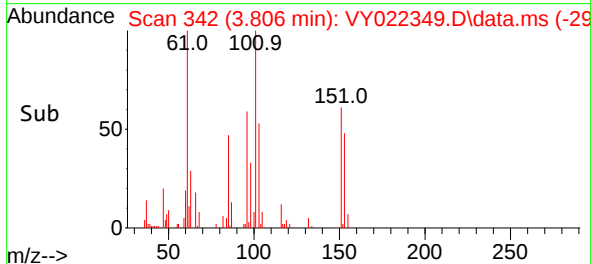
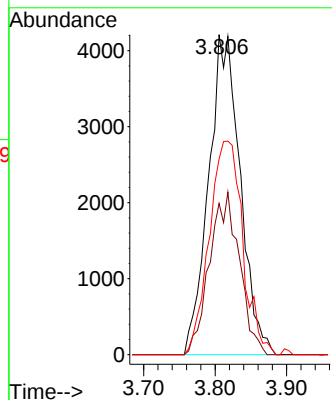
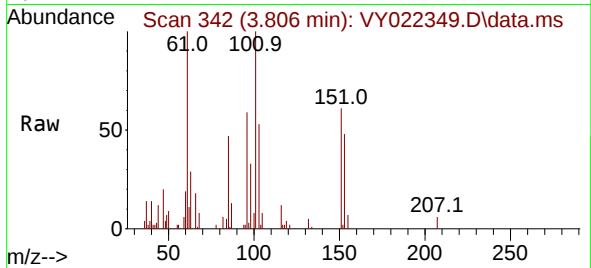




#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.211 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
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Acq: 20 May 2025 17:41

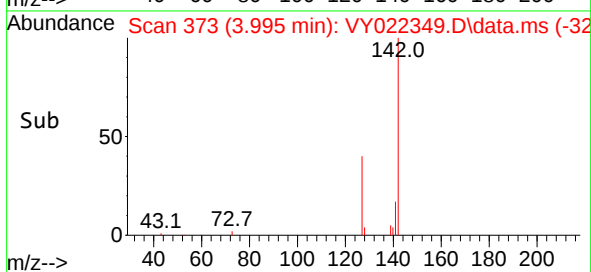
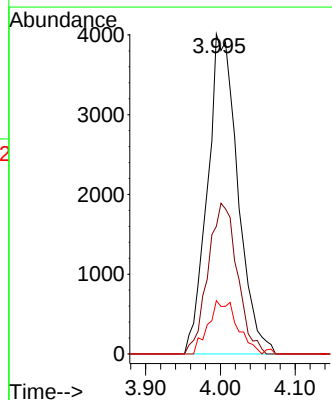
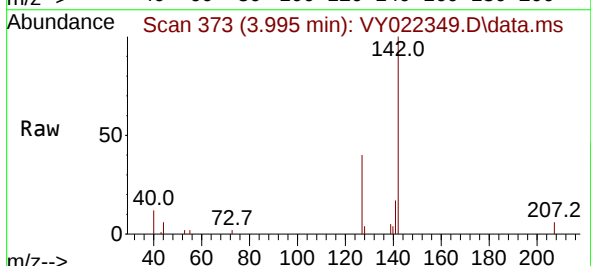
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

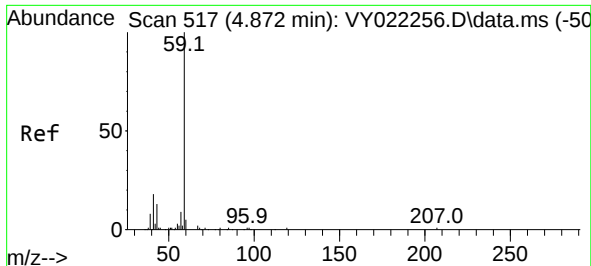
Tgt Ion:101 Resp: 12921
Ion Ratio Lower Upper
101 100
85 48.0 38.6 58.0
151 70.5 59.7 89.5



#10
Methyl Iodide
Concen: 56.060 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion:142 Resp: 11297
Ion Ratio Lower Upper
142 100
127 45.6 35.7 53.5
141 16.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 356.353 ug/l

RT: 4.842 min Scan# 517

Delta R.T. -0.030 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

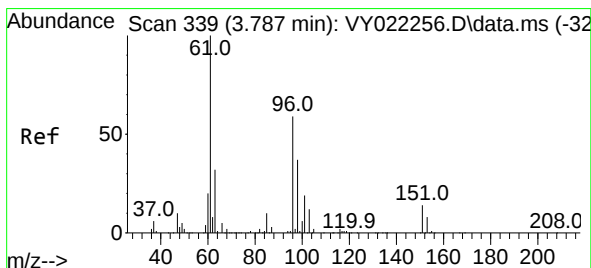
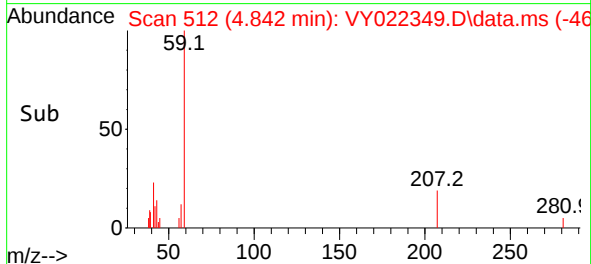
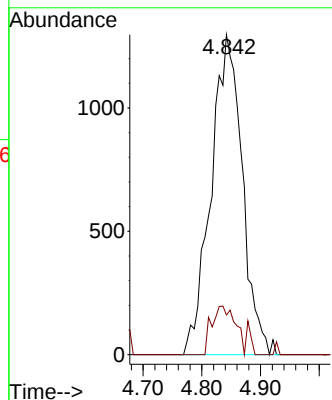
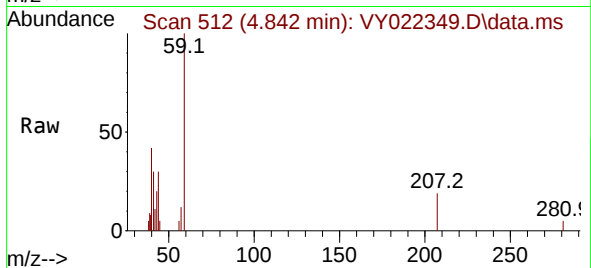
TP-24MSD

Tgt Ion: 59 Resp: 4804

Ion Ratio Lower Upper

59 100

57 11.5 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 62.906 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

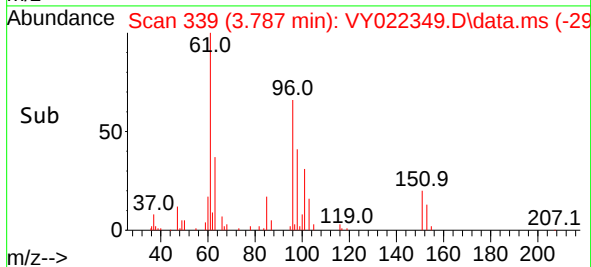
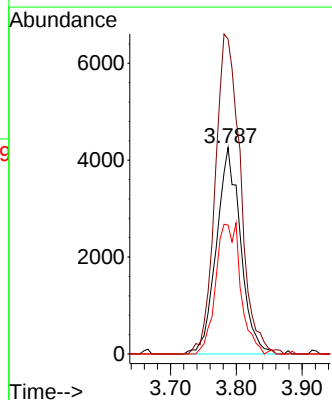
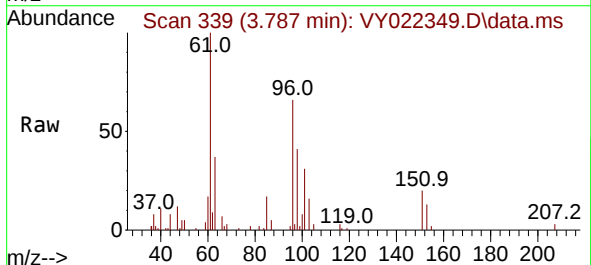
Tgt Ion: 96 Resp: 10869

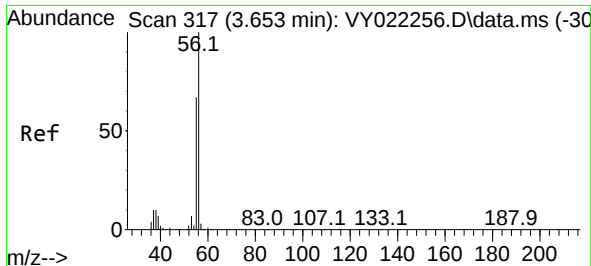
Ion Ratio Lower Upper

96 100

61 152.6 134.9 202.3

98 62.5 49.9 74.9





#13

Acrolein

Concen: 125.939 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

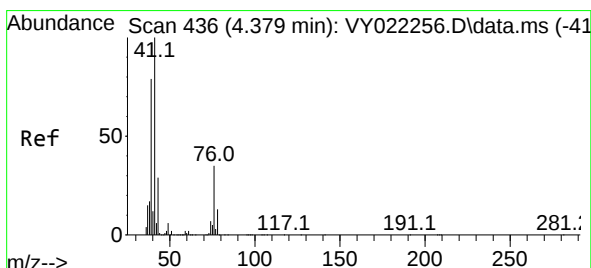
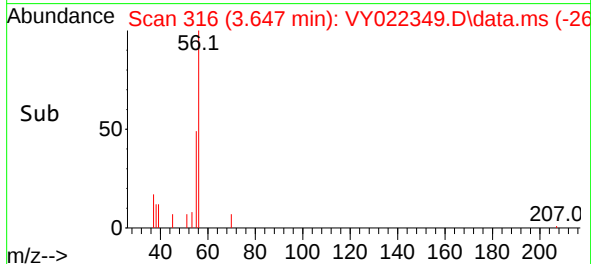
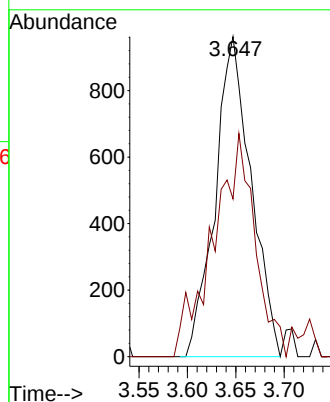
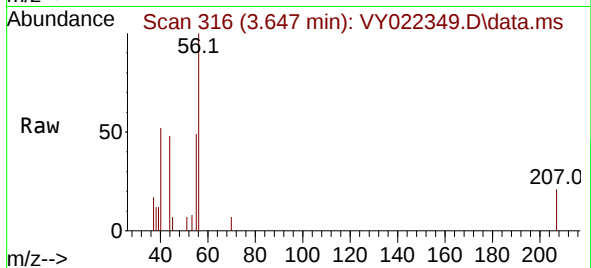
TP-24MSD

Tgt Ion: 56 Resp: 2482

Ion Ratio Lower Upper

56 100

55 80.7 55.6 83.4



#14

Allyl chloride

Concen: 38.454 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

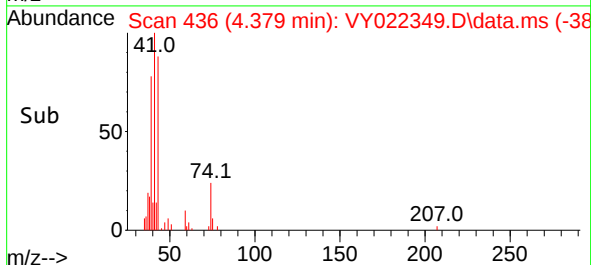
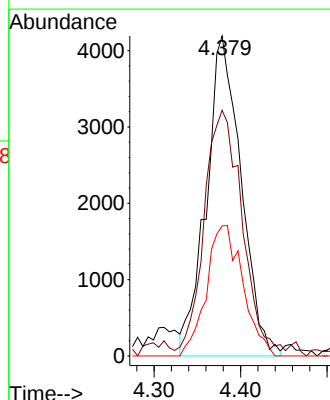
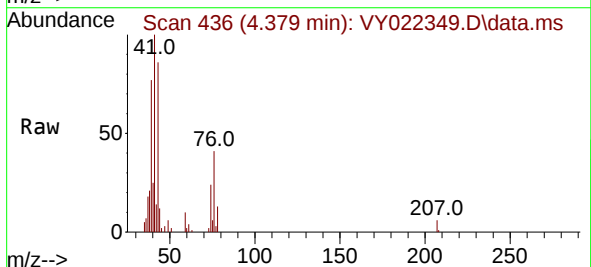
Tgt Ion: 41 Resp: 11650

Ion Ratio Lower Upper

41 100

39 84.5 63.4 95.0

76 42.8 29.5 44.3

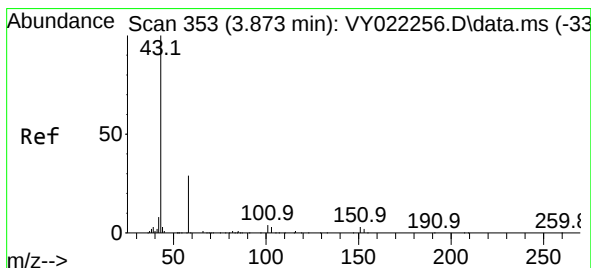
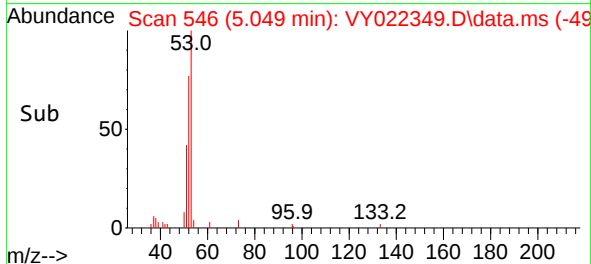
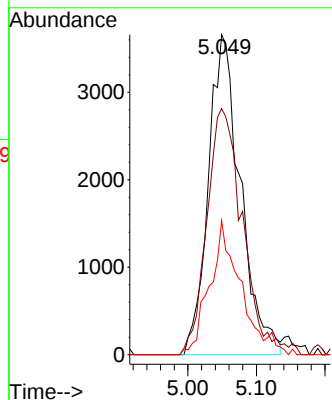
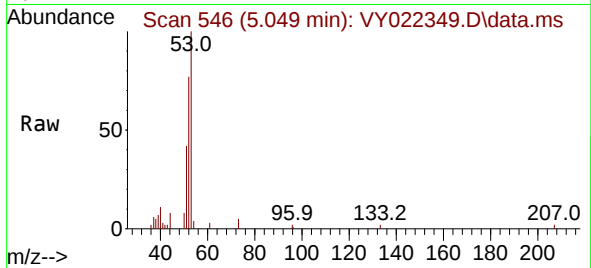




#15
Acrylonitrile
Concen: 300.084 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

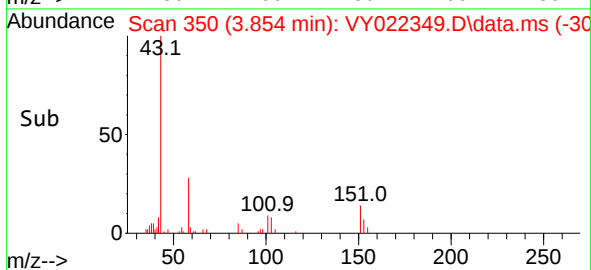
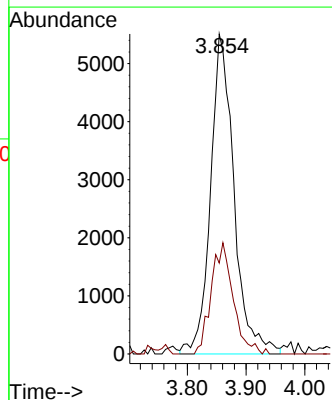
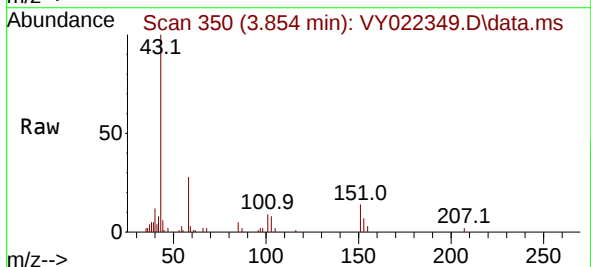
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion:	53	Resp:	11901
Ion	Ratio	Lower	Upper
53	100		
52	85.9	66.1	99.1
51	40.6	30.0	45.0



#16
Acetone
Concen: 461.846 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion:	43	Resp:	15288
Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.6	35.4

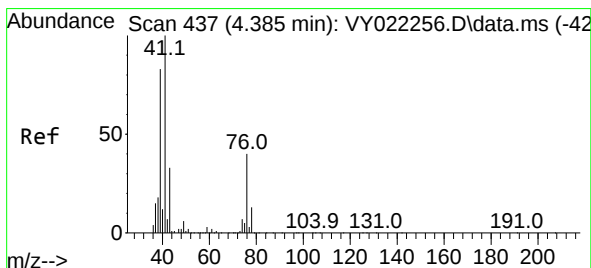
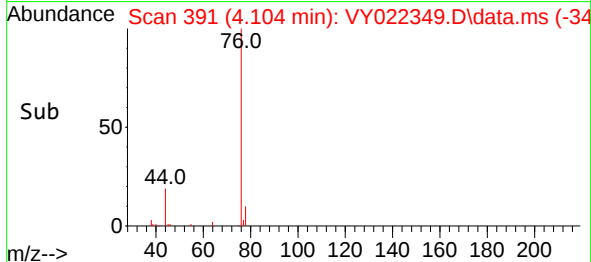
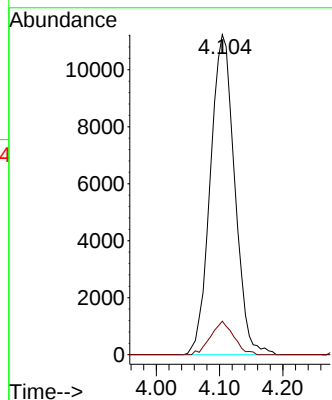
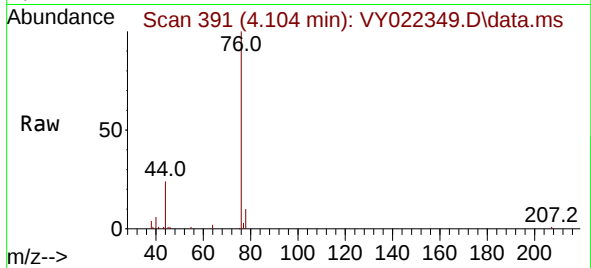




#17
Carbon Disulfide
Concen: 53.323 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

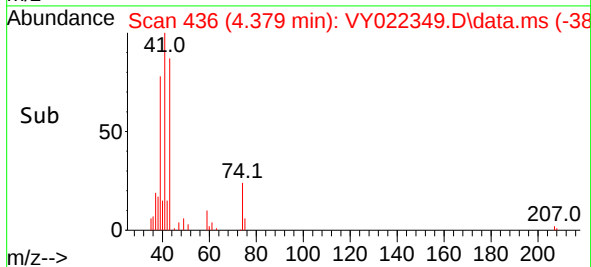
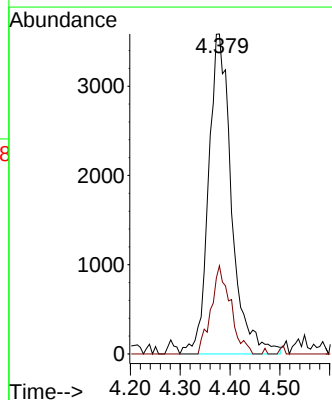
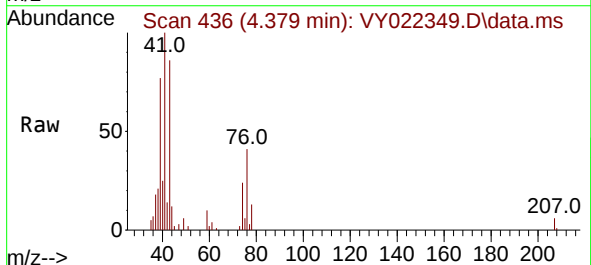
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

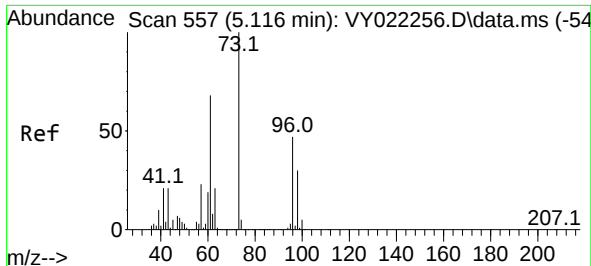
Tgt Ion: 76 Resp: 30044
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8



#18
Methyl Acetate
Concen: 110.206 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 43 Resp: 11502
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4

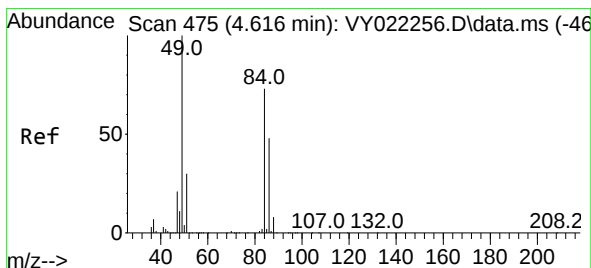
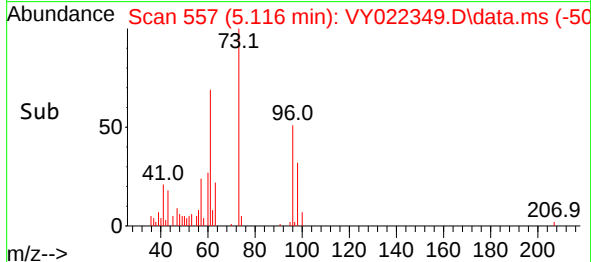
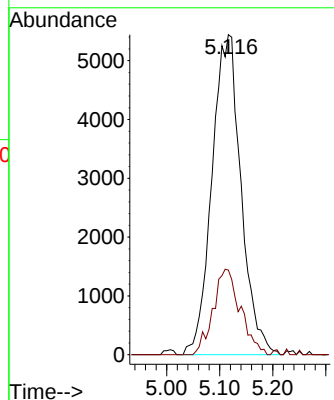
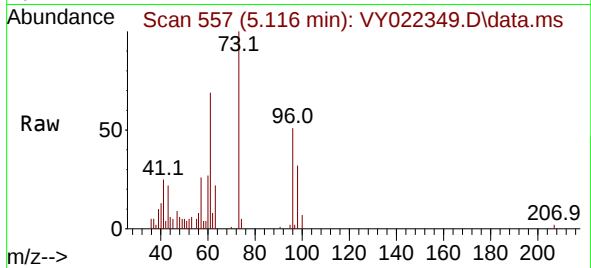




#19
Methyl tert-butyl Ether
Concen: 43.498 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

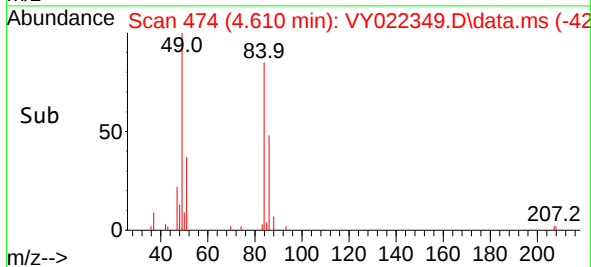
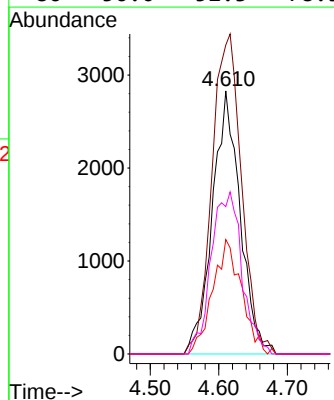
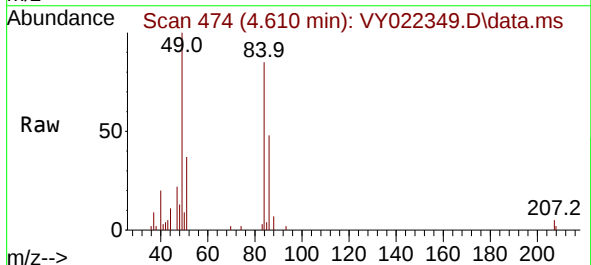
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 73 Resp: 20723
Ion Ratio Lower Upper
73 100
57 26.5 18.6 28.0



#20
Methylene Chloride
Concen: 37.121 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 84 Resp: 7940
Ion Ratio Lower Upper
84 100
49 117.5 109.6 164.4
51 43.5 32.4 48.6
86 56.0 52.3 78.5

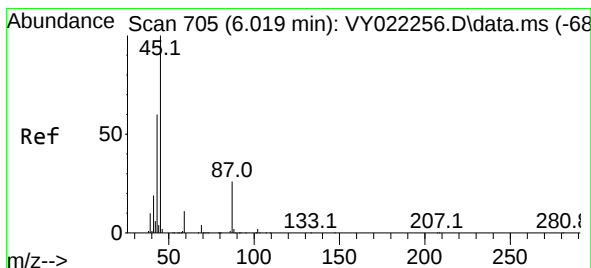
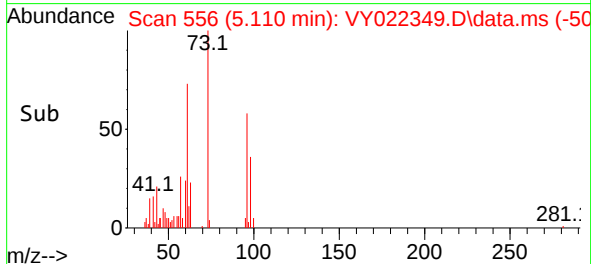
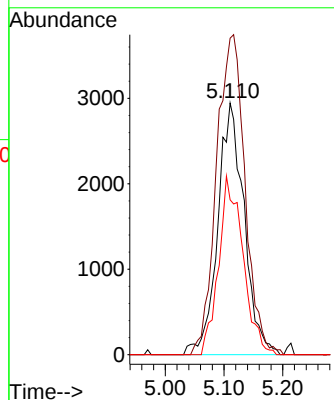
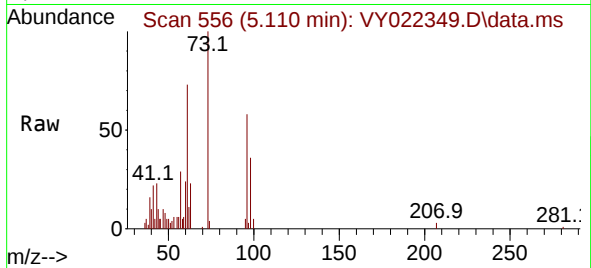




#21
trans-1,2-Dichloroethene
Concen: 48.114 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

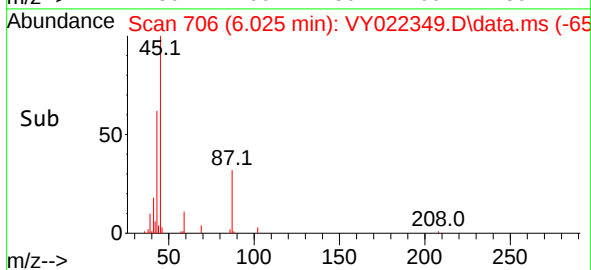
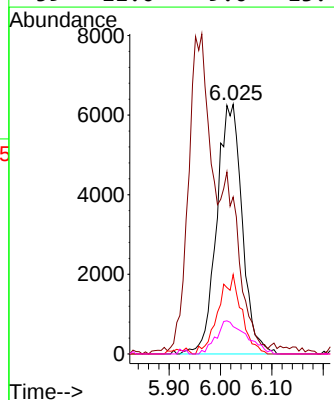
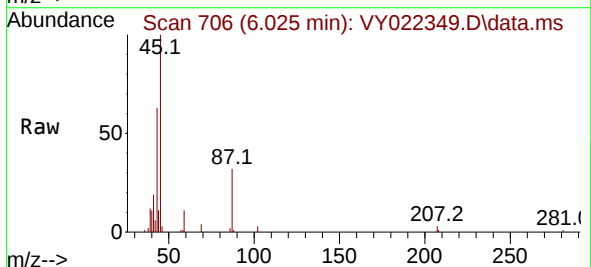
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 96 Resp: 9176
Ion Ratio Lower Upper
96 100
61 125.7 113.4 170.0
98 61.5 50.9 76.3



#22
Diisopropyl ether
Concen: 33.786 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 45 Resp: 21616
Ion Ratio Lower Upper
45 100
43 59.7 48.2 72.2
87 31.8 21.4 32.0
59 11.0 9.0 13.4

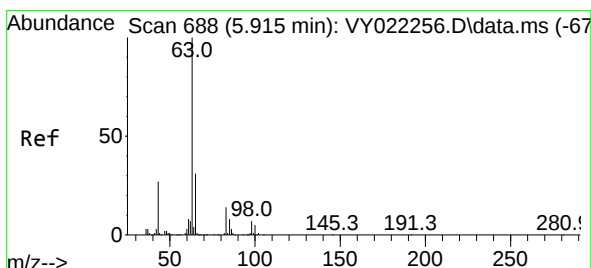
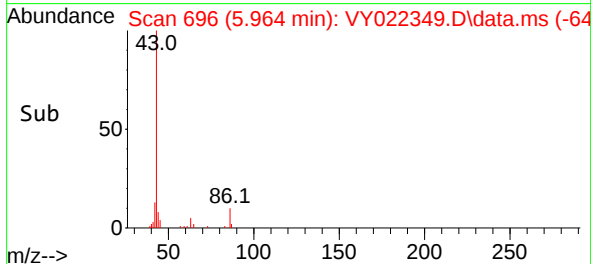
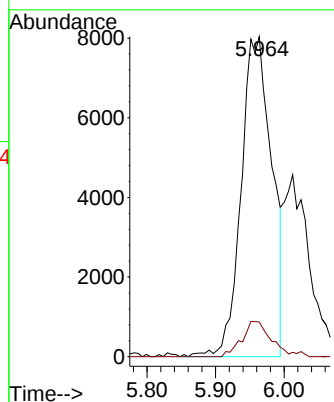
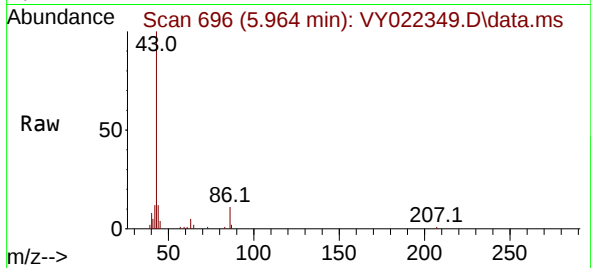




#23
 Vinyl Acetate
 Concen: 64.755 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

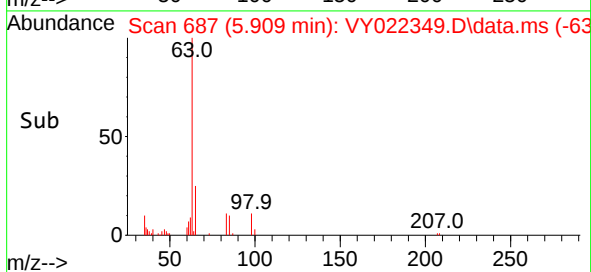
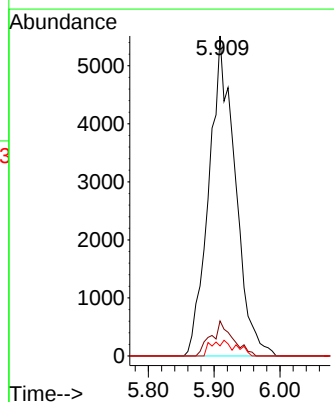
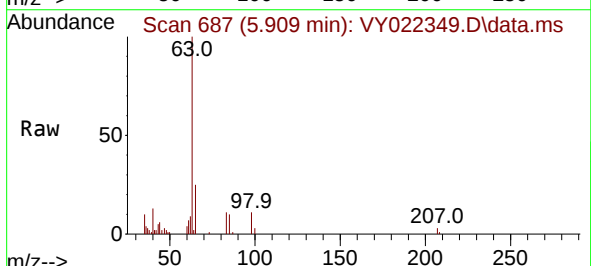
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

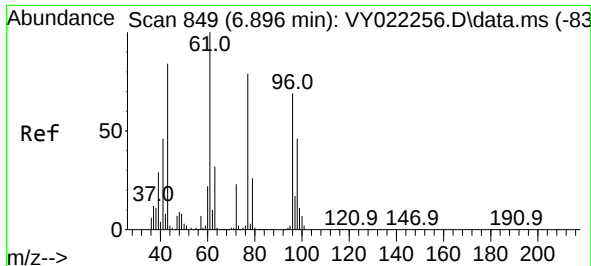
Tgt Ion: 43 Resp: 25029
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 42.973 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

Tgt Ion: 63 Resp: 15360
 Ion Ratio Lower Upper
 63 100
 98 11.0 3.5 10.5#
 100 3.1 2.4 7.2

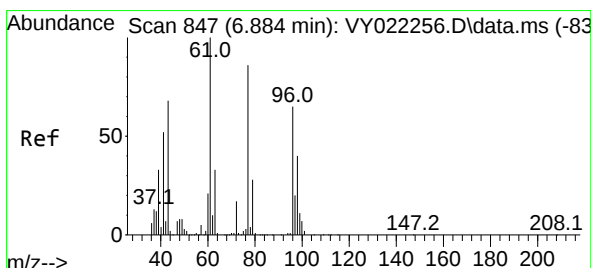
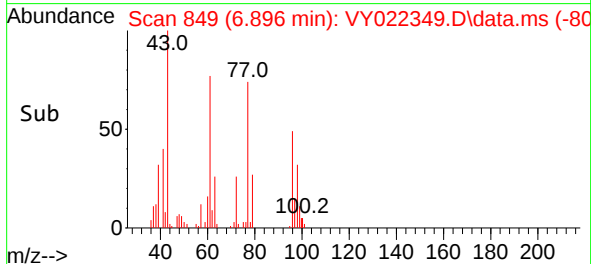
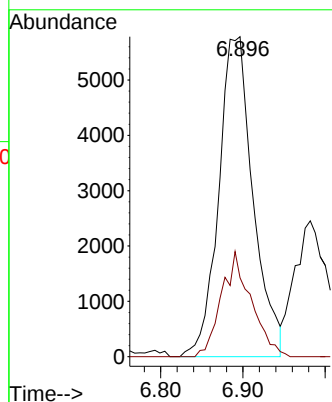
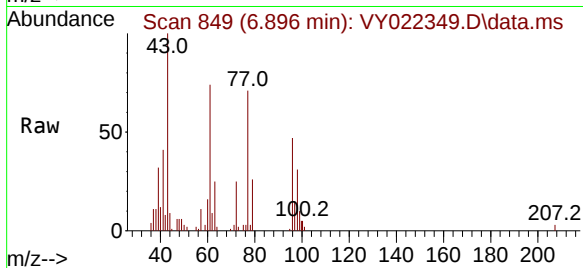




#25
2-Butanone
Concen: 304.245 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

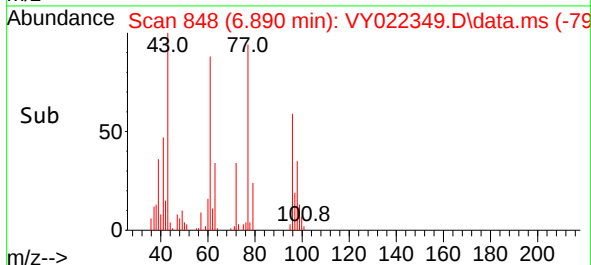
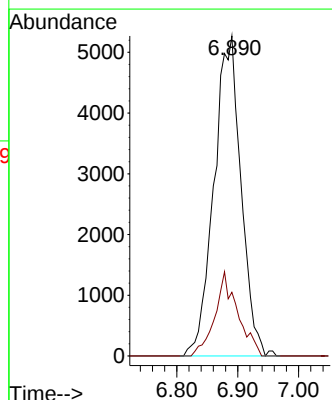
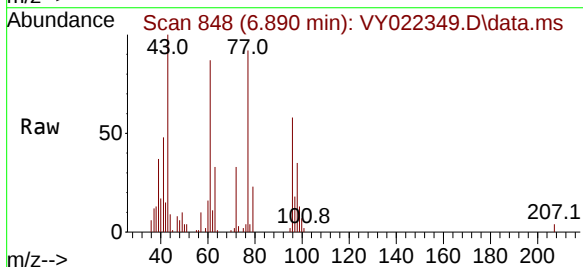
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

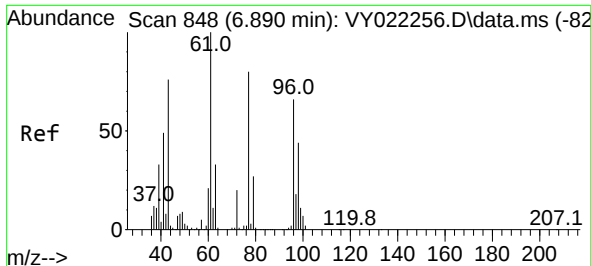
Tgt Ion: 43 Resp: 16846
Ion Ratio Lower Upper
43 100
72 24.7 22.1 33.1



#26
2,2-Dichloropropane
Concen: 51.045 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 77 Resp: 16228
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5

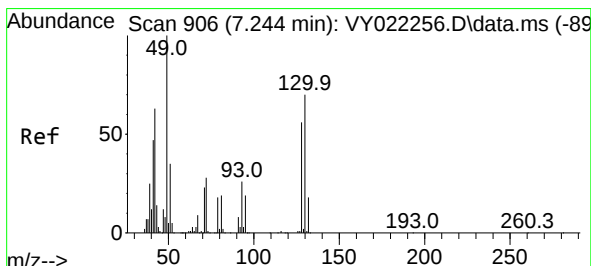
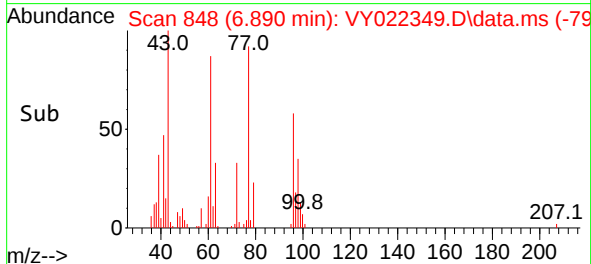
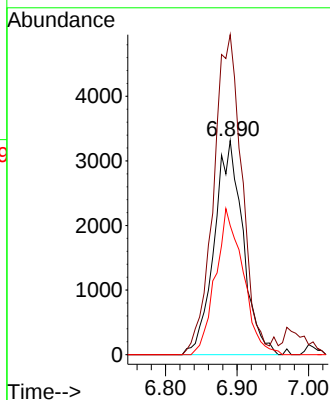
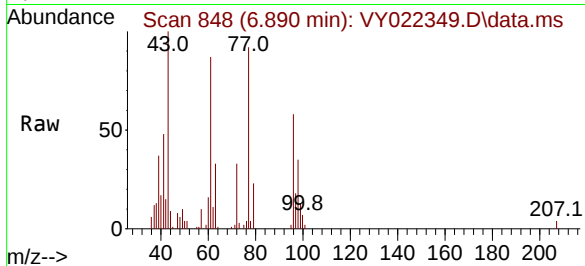




#27
 cis-1,2-Dichloroethene
 Concen: 42.107 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

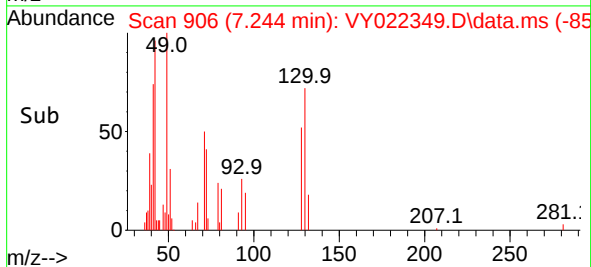
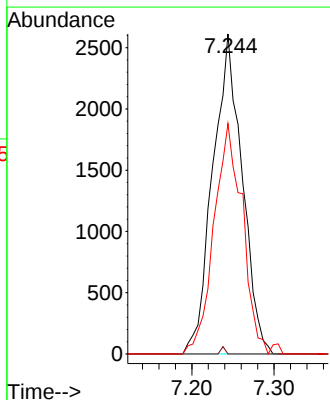
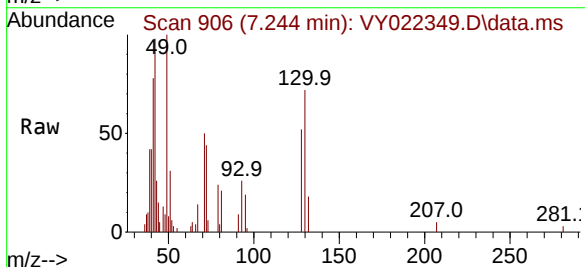
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

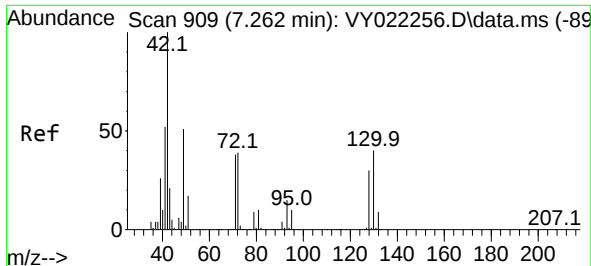
Tgt Ion: 96 Resp: 9267
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 302.6
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 42.476 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

Tgt Ion: 49 Resp: 6476
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 3.6
 130 69.8 54.7 82.1





#29

Tetrahydrofuran

Concen: 311.125 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

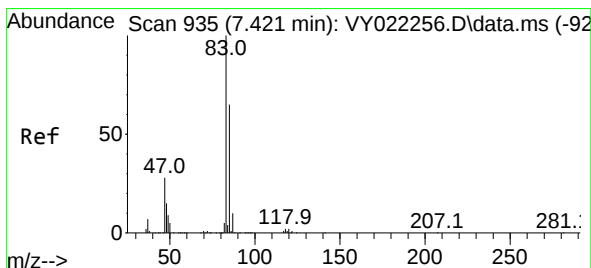
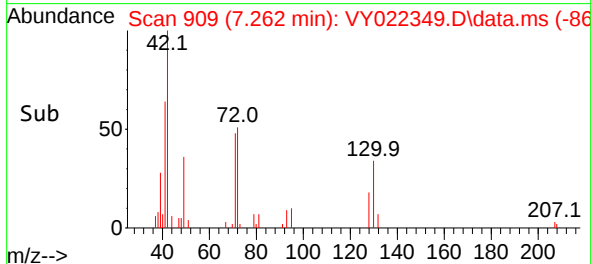
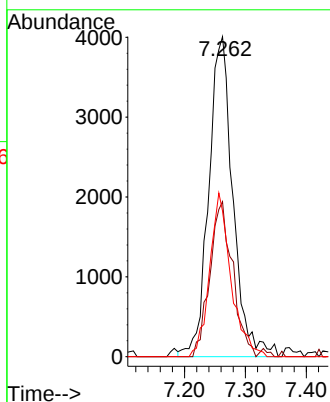
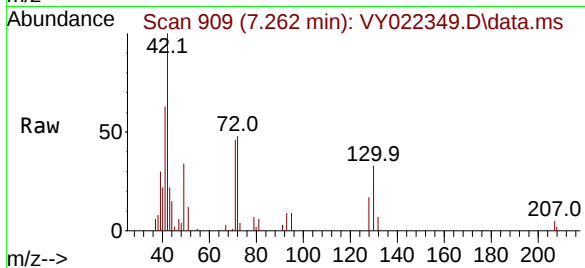
Tgt Ion: 42 Resp: 11083

Ion Ratio Lower Upper

42 100

72 45.6 33.8 50.6

71 45.2 31.5 47.3



#30

Chloroform

Concen: 41.062 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022349.D

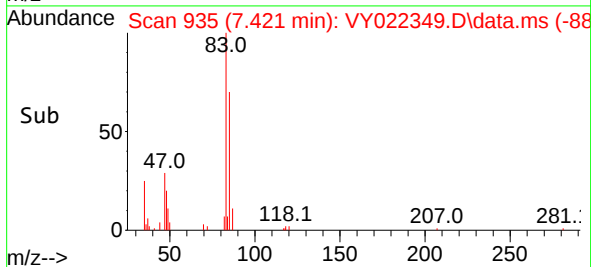
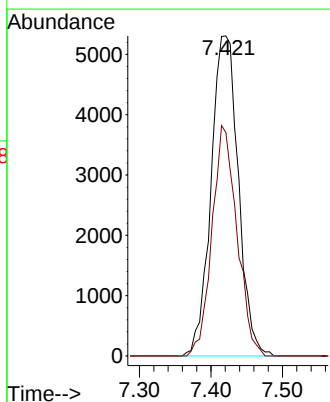
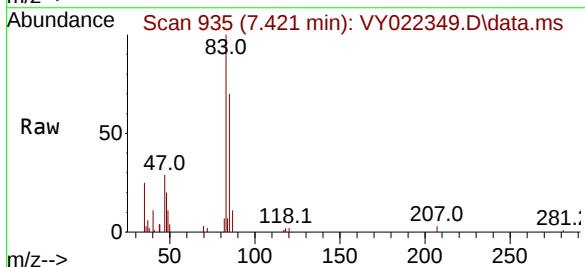
Acq: 20 May 2025 17:41

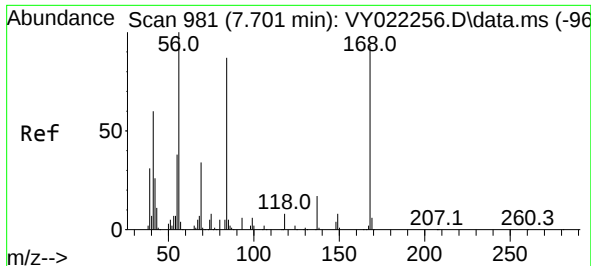
Tgt Ion: 83 Resp: 14078

Ion Ratio Lower Upper

83 100

85 69.8 51.8 77.8

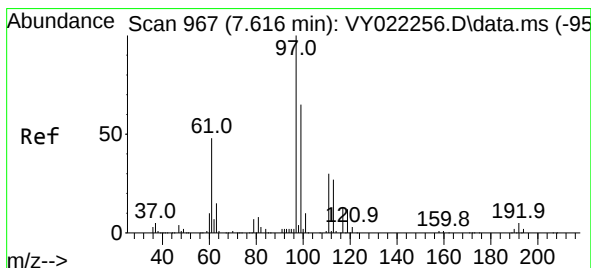
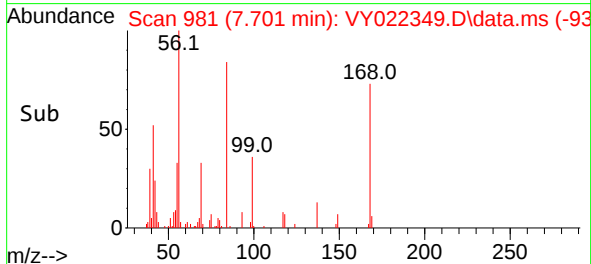
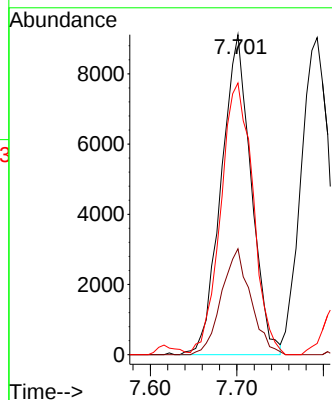
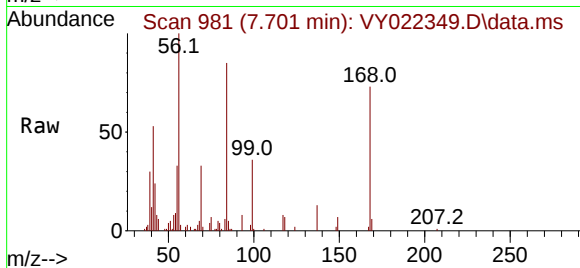




#31
Cyclohexane
Concen: 61.432 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

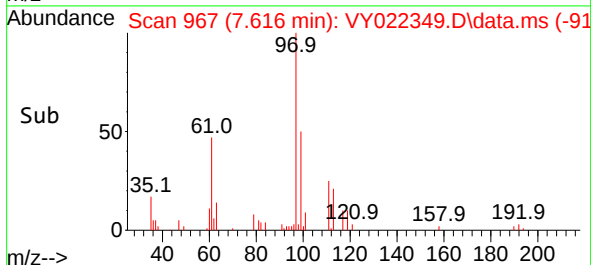
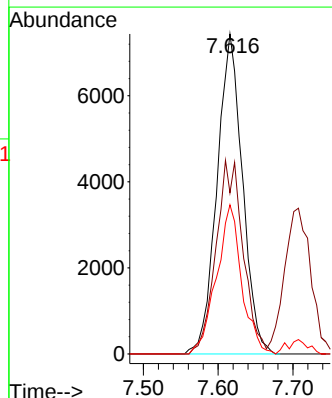
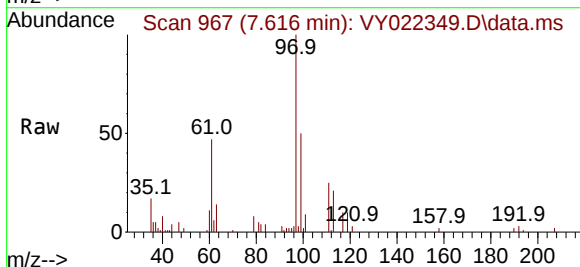
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

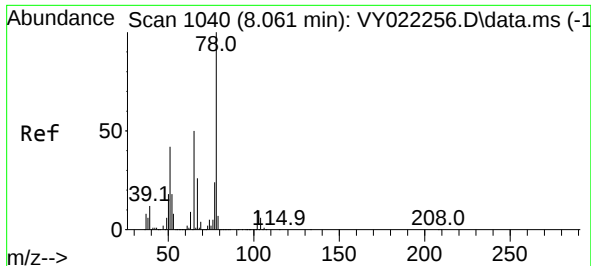
Tgt Ion: 56 Resp: 21939
Ion Ratio Lower Upper
56 100
69 33.1 27.4 41.2
84 83.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 56.078 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 97 Resp: 17639
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 46.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 46.982 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

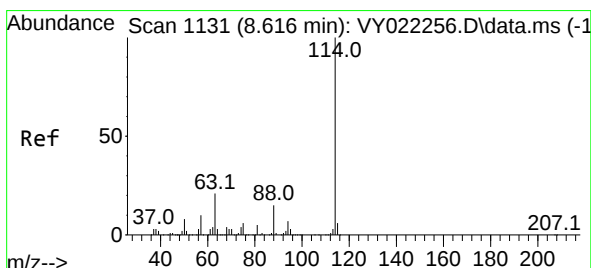
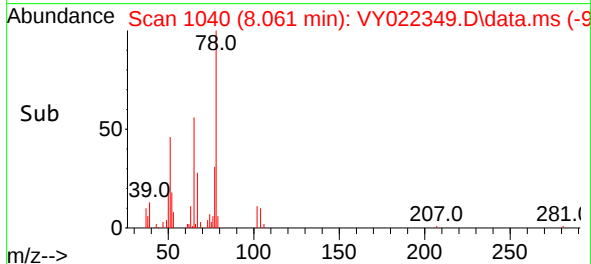
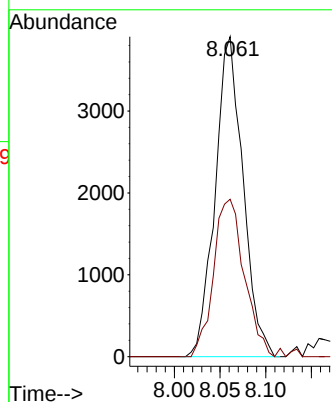
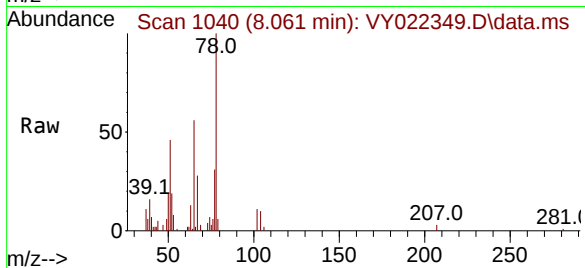
TP-24MSD

Tgt Ion: 65 Resp: 8294

Ion Ratio Lower Upper

65 100

67 54.1 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: VY022349.D

Acq: 20 May 2025 17:41

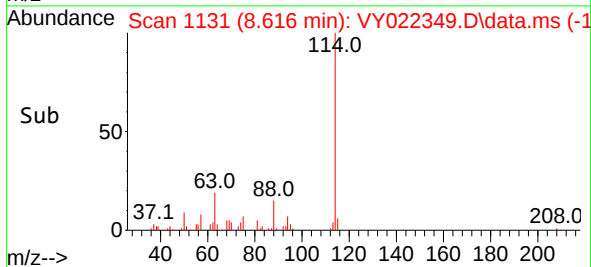
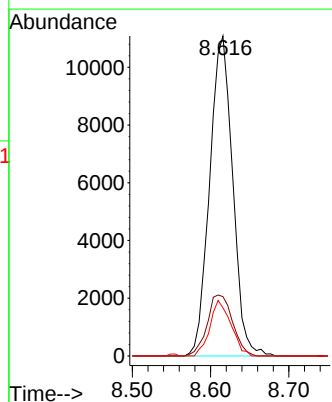
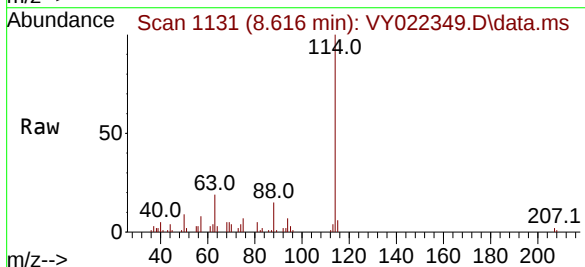
Tgt Ion: 114 Resp: 22646

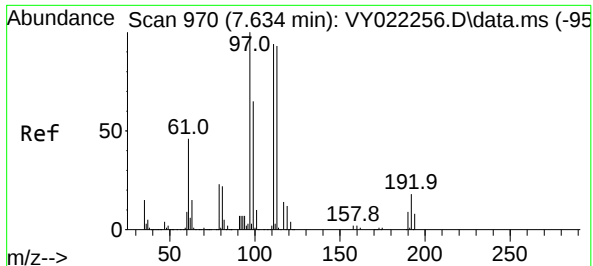
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.0

88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.501 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

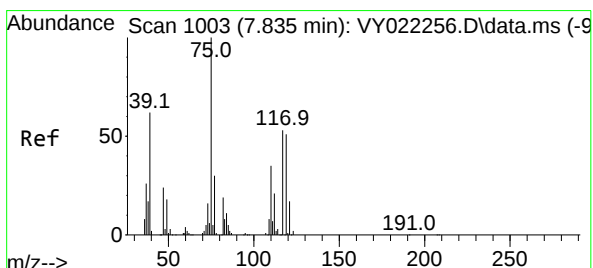
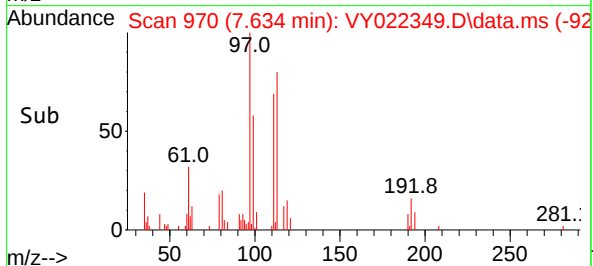
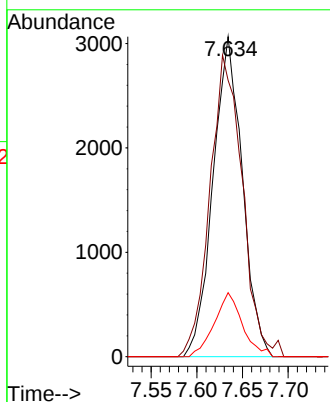
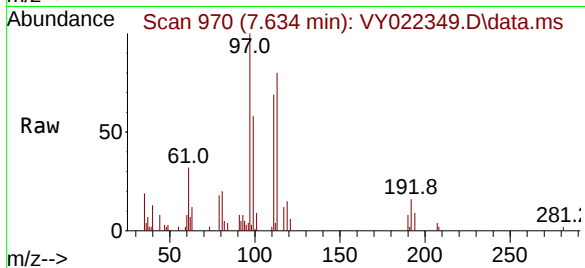
Tgt Ion:113 Resp: 6826

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 19.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 66.765 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

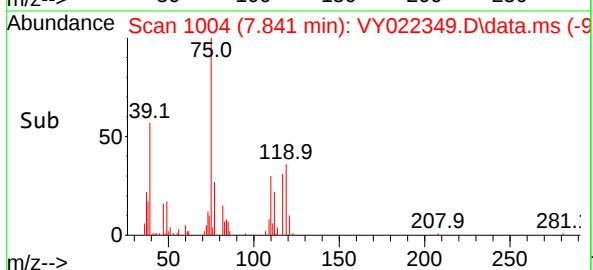
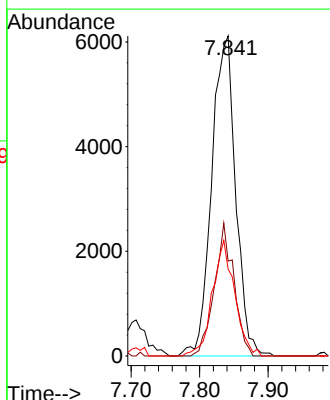
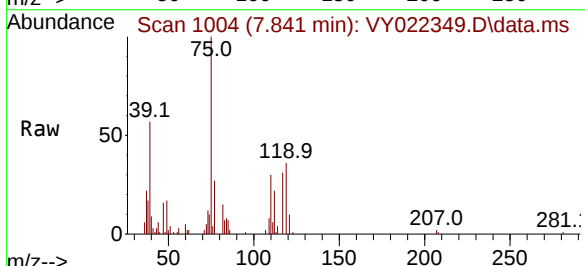
Tgt Ion: 75 Resp: 14864

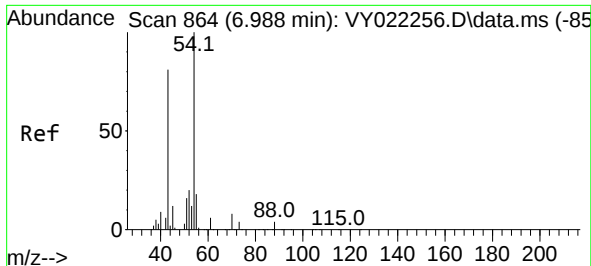
Ion Ratio Lower Upper

75 100

110 33.8 16.6 49.8

77 33.4 24.6 37.0





#37

Ethyl Acetate

Concen: 55.051 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

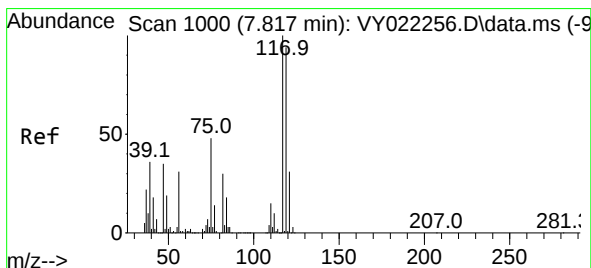
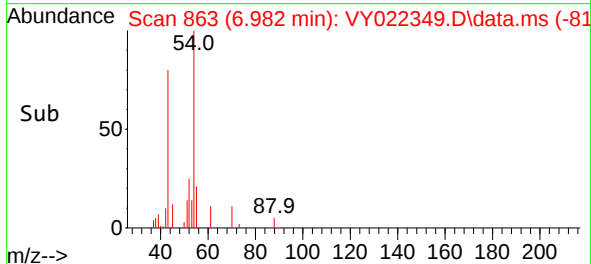
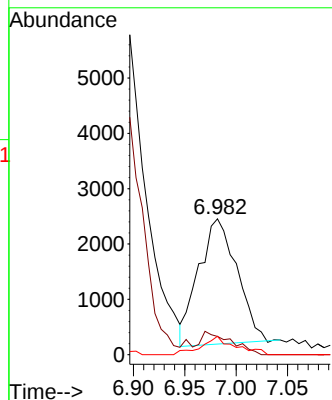
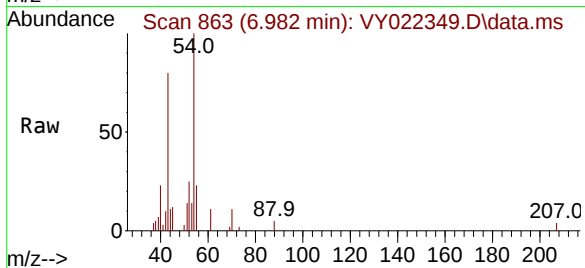
Tgt Ion: 43 Resp: 5897

Ion Ratio Lower Upper

43 100

61 17.3 10.2 15.2#

70 12.7 7.6 11.4#



#38

Carbon Tetrachloride

Concen: 70.445 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

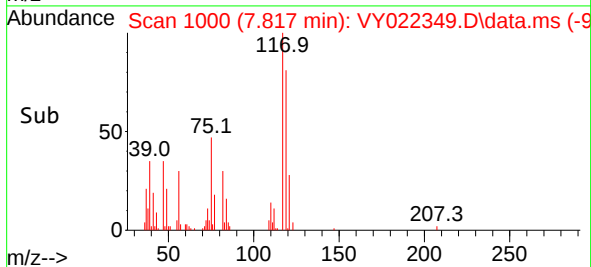
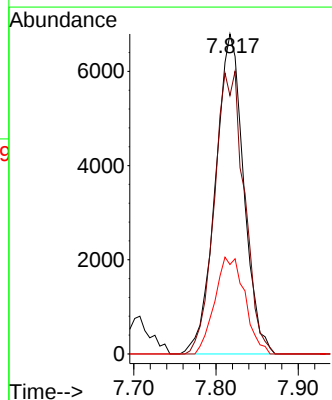
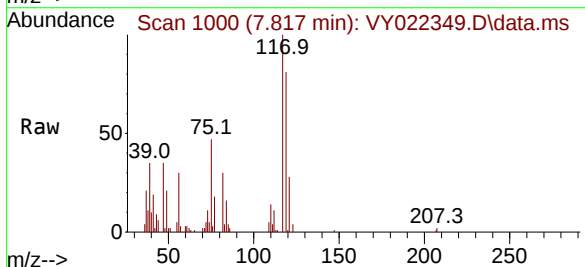
Tgt Ion: 117 Resp: 16234

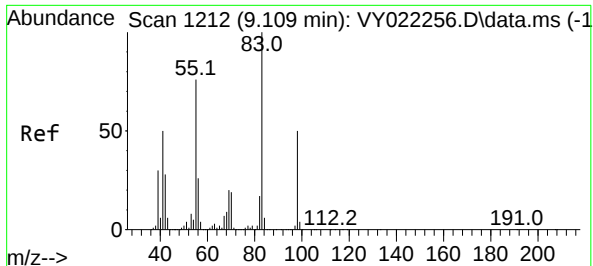
Ion Ratio Lower Upper

117 100

119 80.7 75.3 112.9

121 28.0 24.7 37.1





#39

Methylcyclohexane

Concen: 75.057 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

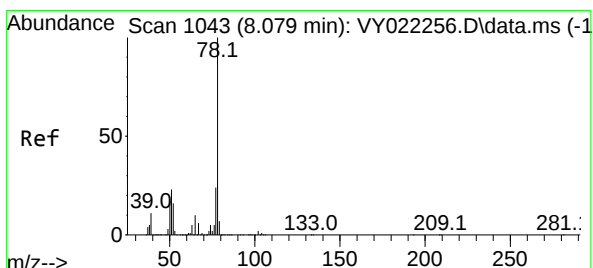
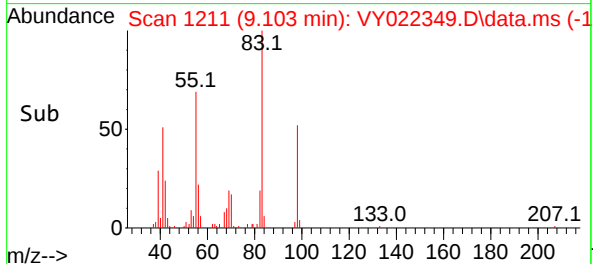
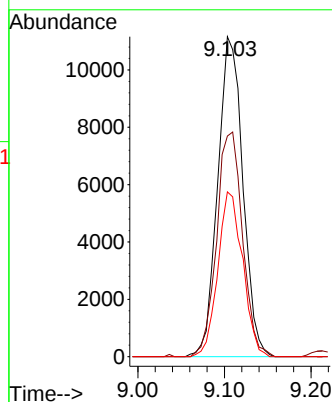
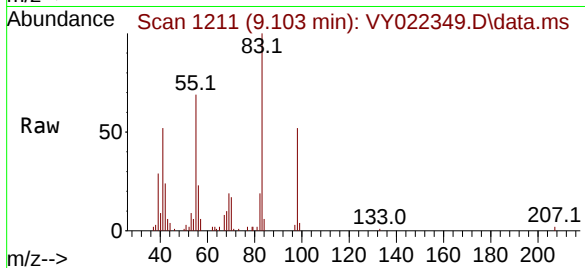
Tgt Ion: 83 Resp: 22450

Ion Ratio Lower Upper

83 100

55 68.9 60.6 90.8

98 51.5 40.0 60.0



#40

Benzene

Concen: 49.638 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022349.D

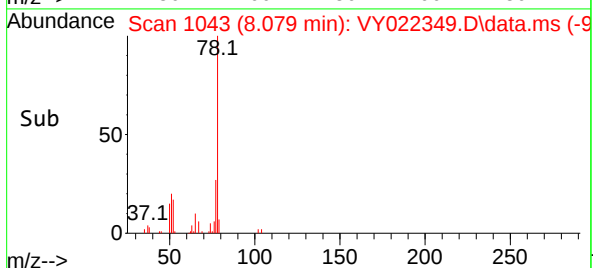
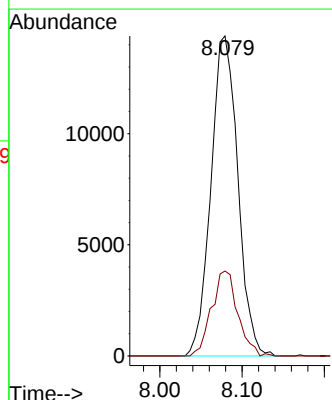
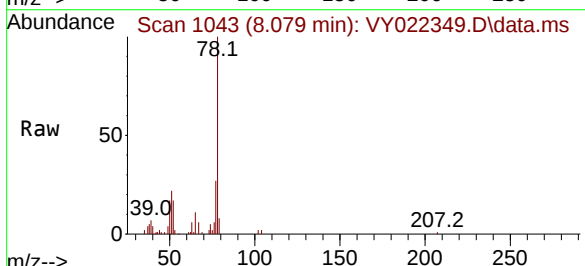
Acq: 20 May 2025 17:41

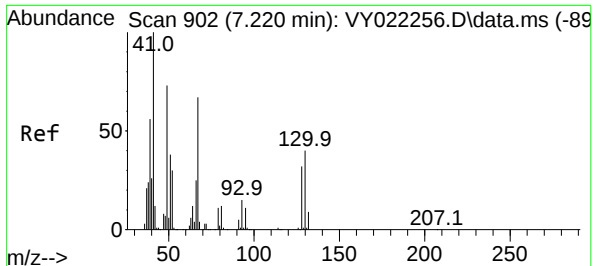
Tgt Ion: 78 Resp: 32761

Ion Ratio Lower Upper

78 100

77 26.6 18.9 28.3

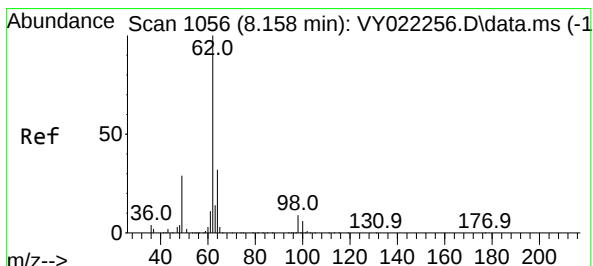
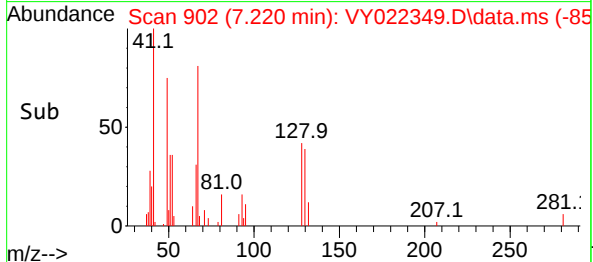
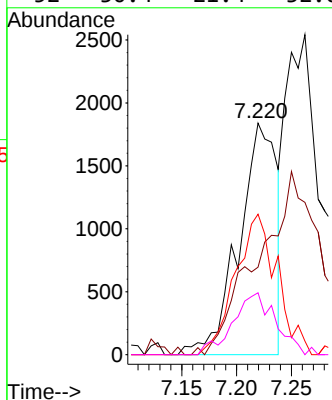
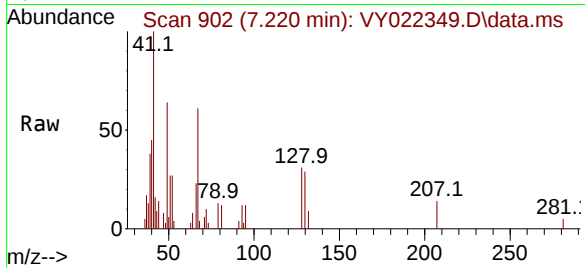




#41
Methacrylonitrile
Concen: 62.063 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

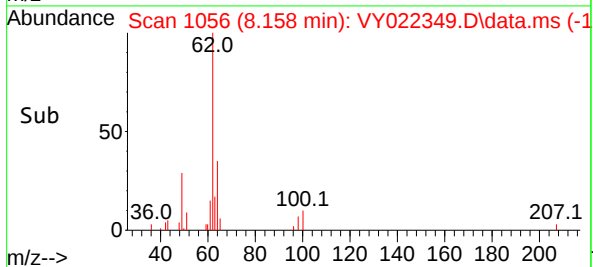
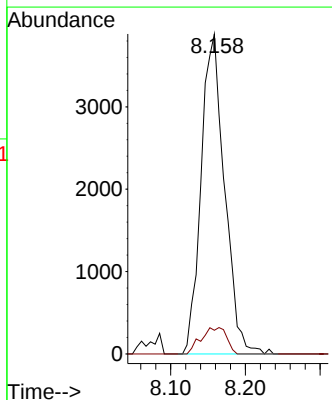
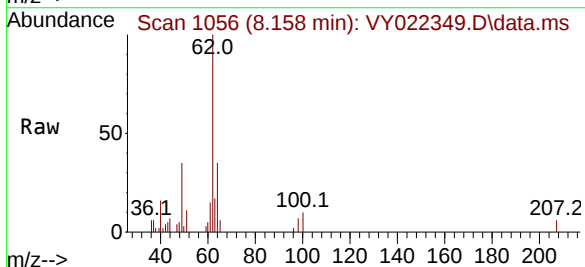
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

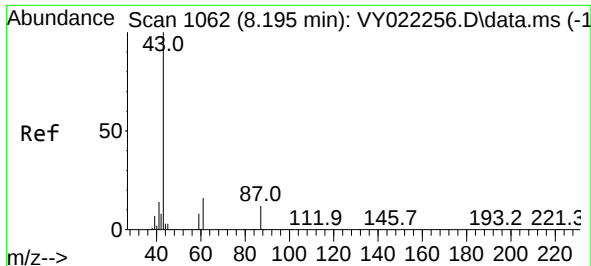
Tgt Ion:	41	Resp:	4410
Ion	Ratio	Lower	Upper
41	100		
39	0.0	39.1	58.7#
67	66.8	47.1	70.7
52	30.4	21.4	32.0



#42
1,2-Dichloroethane
Concen: 47.423 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion:	62	Resp:	8464
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4

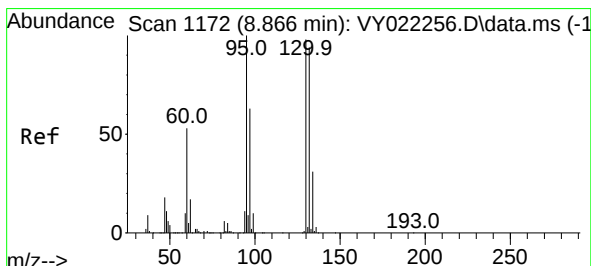
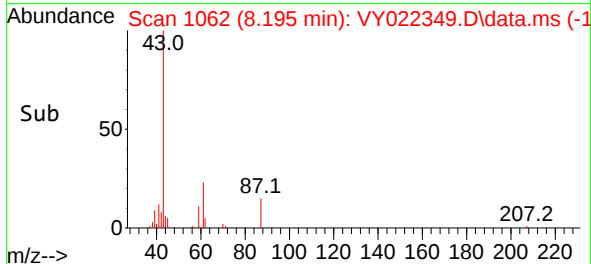
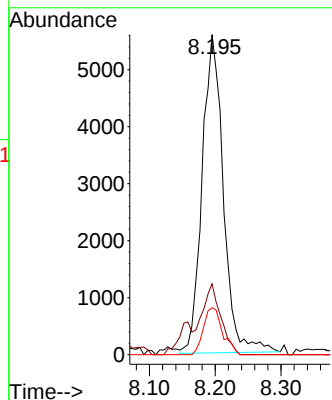
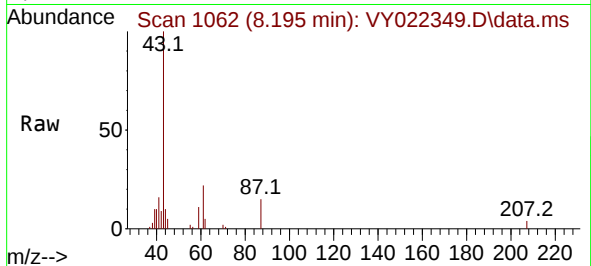




#43
Isopropyl Acetate
Concen: 53.717 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

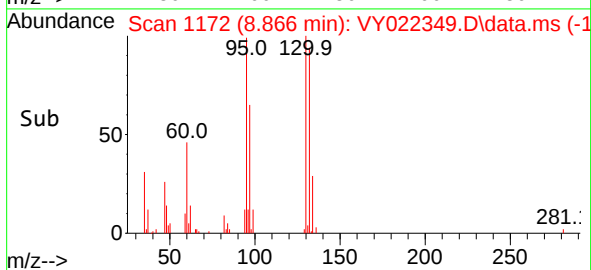
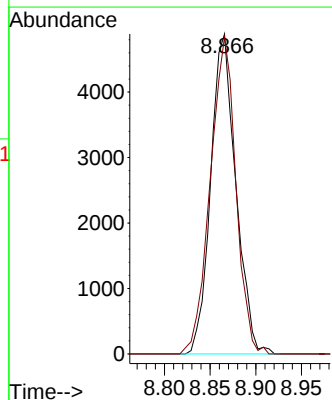
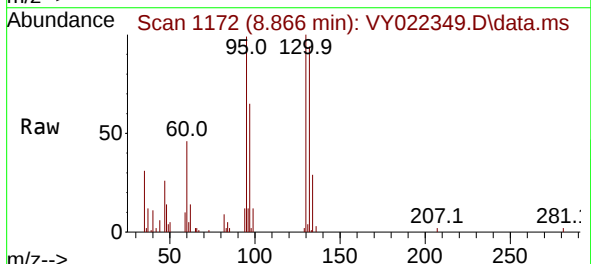
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 43 Resp: 12549
Ion Ratio Lower Upper
43 100
61 20.0 15.1 22.7
87 13.3 9.7 14.5



#44
Trichloroethene
Concen: 56.890 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion:130 Resp: 9336
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 46.154 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

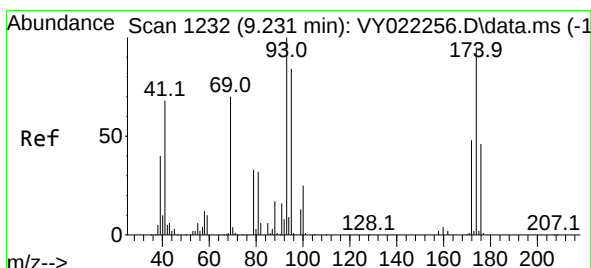
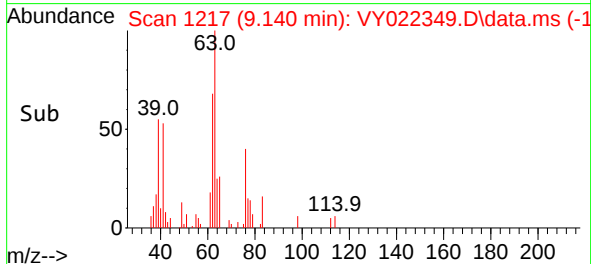
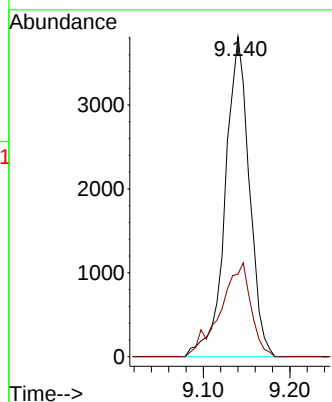
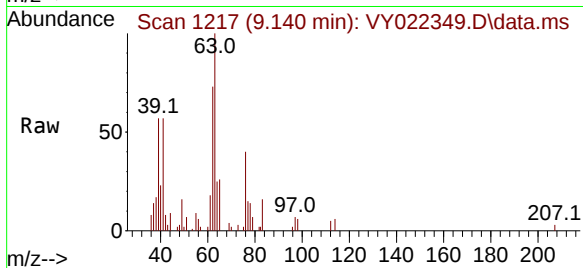
TP-24MSD

Tgt Ion: 63 Resp: 7344

Ion Ratio Lower Upper

63 100

65 25.8 25.7 38.5



#46

Dibromomethane

Concen: 51.152 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

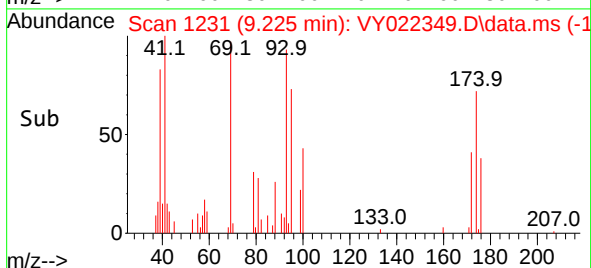
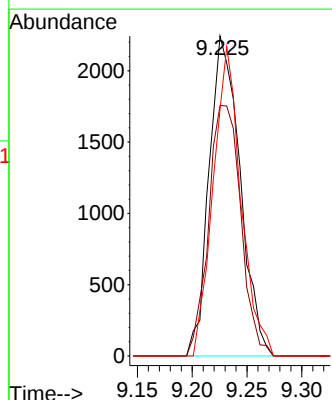
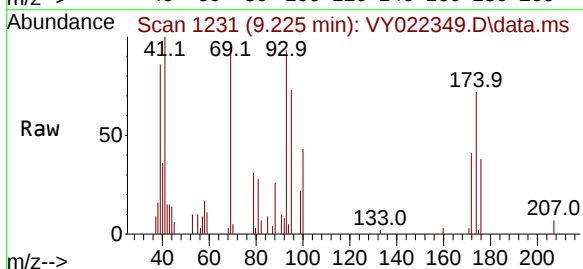
Tgt Ion: 93 Resp: 4390

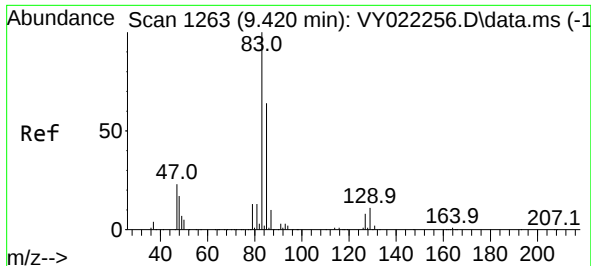
Ion Ratio Lower Upper

93 100

95 81.6 65.2 97.8

174 87.1 74.3 111.5

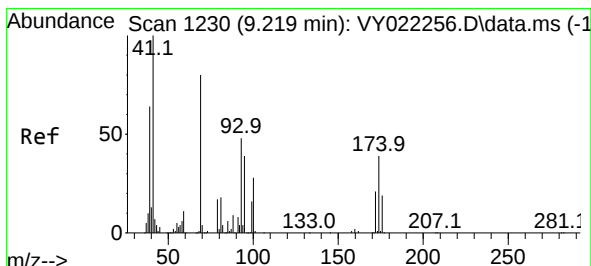
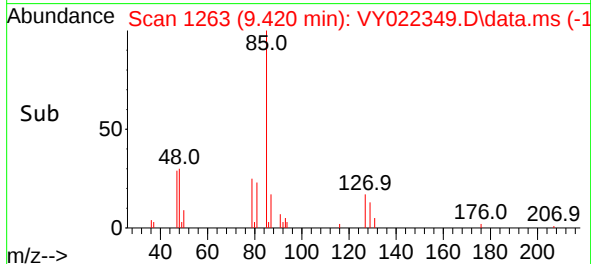
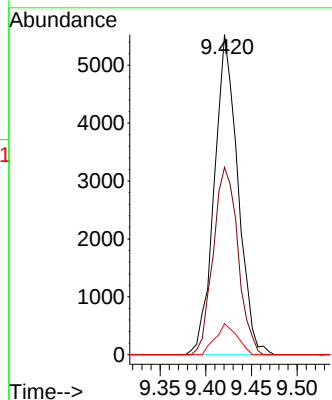
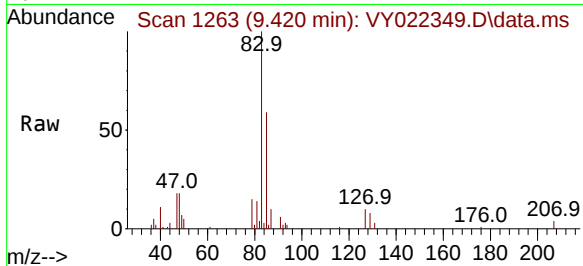




#47
Bromodichloromethane
Concen: 44.659 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

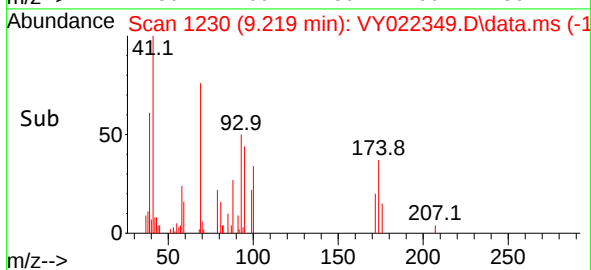
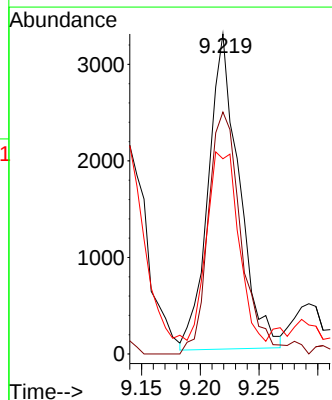
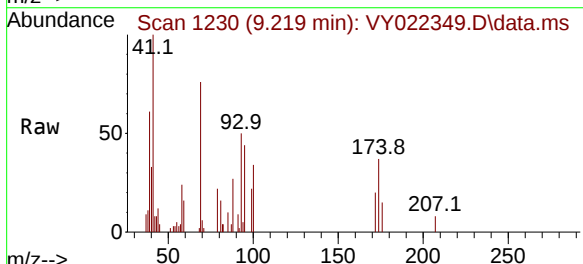
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

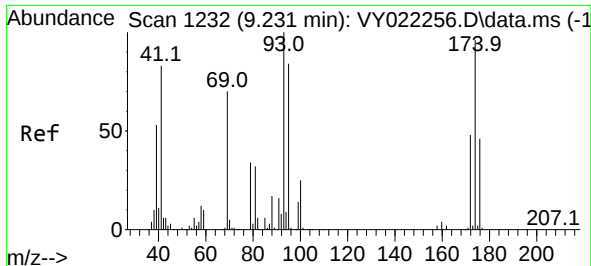
Tgt Ion: 83	Resp:	9943	
Ion Ratio	Lower	Upper	
83	100		
85	58.6	51.1	76.7
127	9.7	6.6	10.0



#48
Methyl methacrylate
Concen: 54.736 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 41	Resp: 5980
Ion Ratio	Lower Upper
41 100	
69 81.5	63.5 95.3
39 67.5	50.8 76.2





#49

1,4-Dioxane

Concen: 1775.079 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

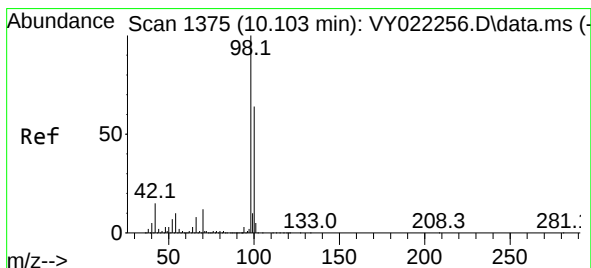
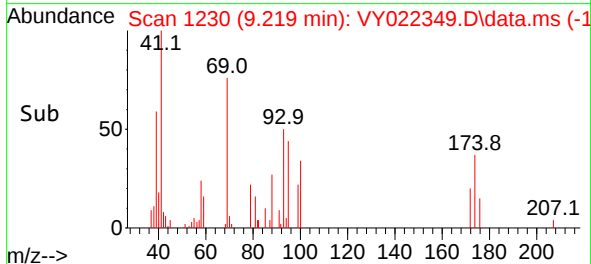
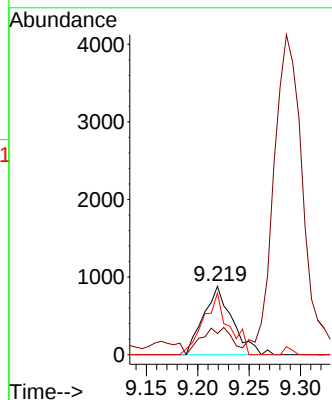
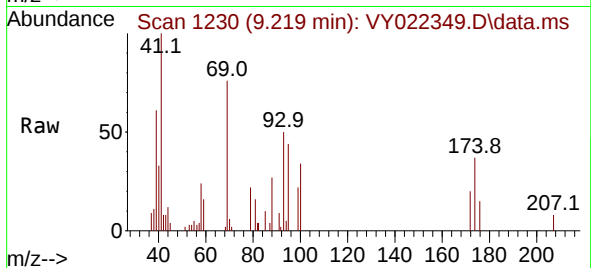
Tgt Ion: 88 Resp: 1721

Ion Ratio Lower Upper

88 100

43 42.0 28.5 42.7

58 78.8 61.4 92.2



#50

Toluene-d8

Concen: 52.130 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022349.D

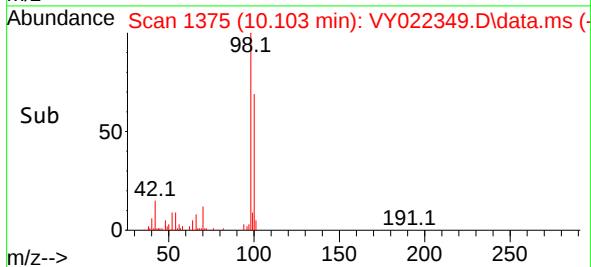
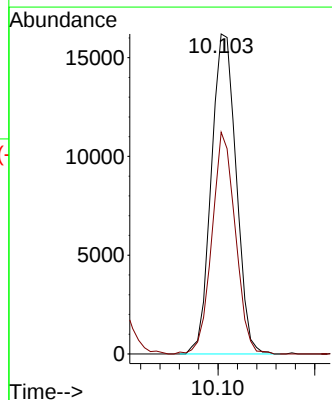
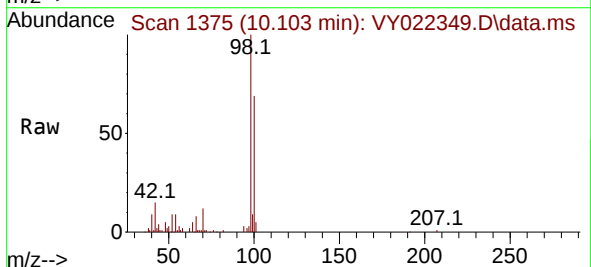
Acq: 20 May 2025 17:41

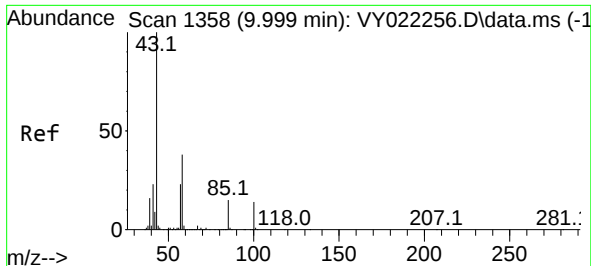
Tgt Ion: 98 Resp: 28858

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8

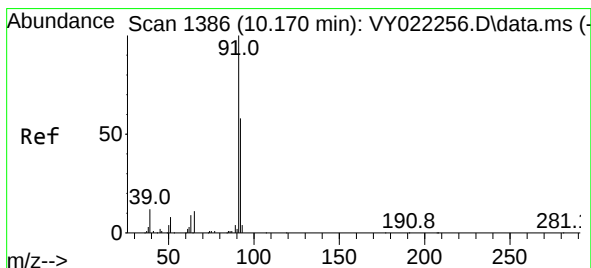
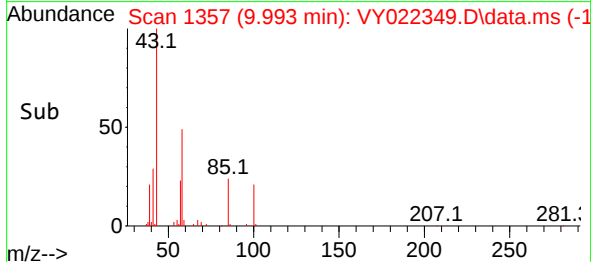
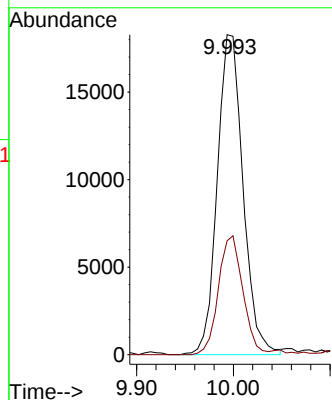
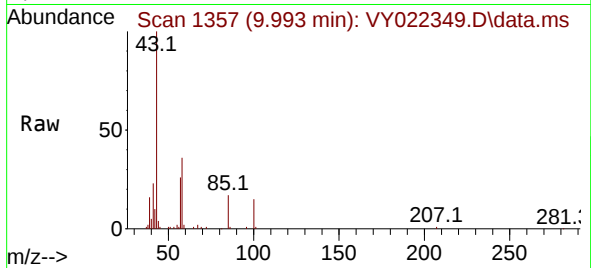




#51
4-Methyl-2-Pentanone
Concen: 295.294 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

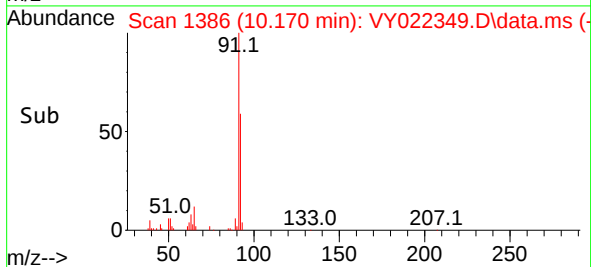
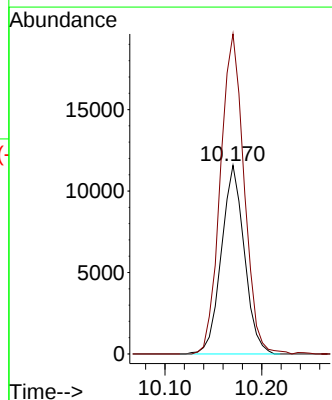
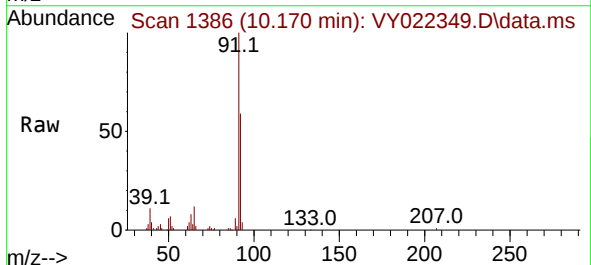
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

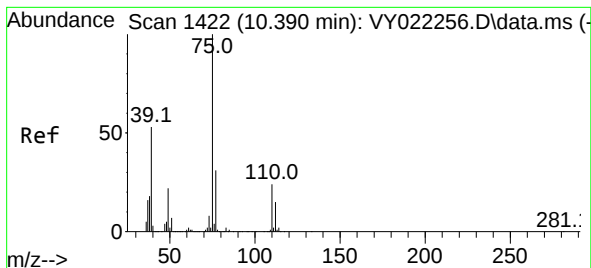
Tgt Ion: 43 Resp: 33849
Ion Ratio Lower Upper
43 100
58 35.1 29.4 44.2



#52
Toluene
Concen: 45.553 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 92 Resp: 19038
Ion Ratio Lower Upper
92 100
91 175.4 139.1 208.7

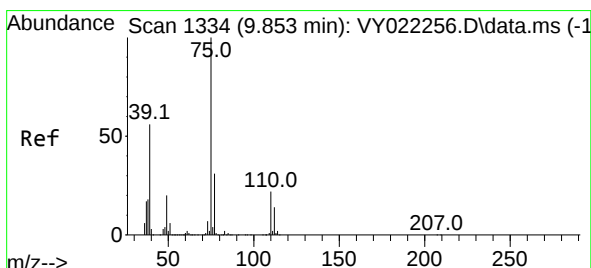
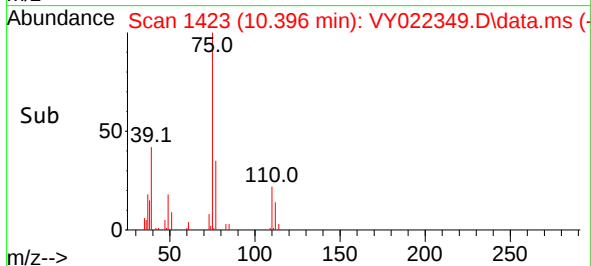
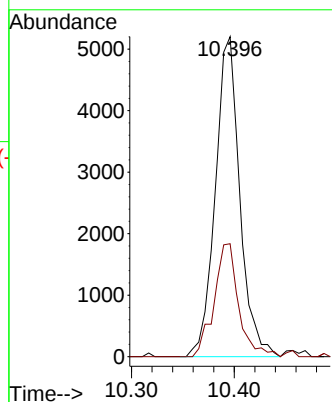
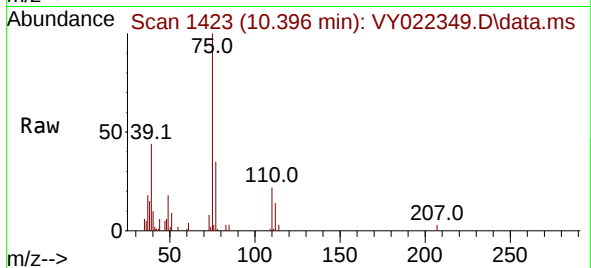




#53
t-1,3-Dichloropropene
Concen: 39.548 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

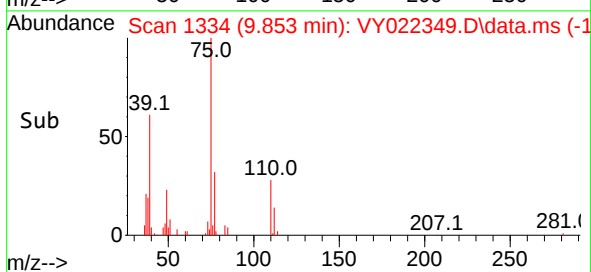
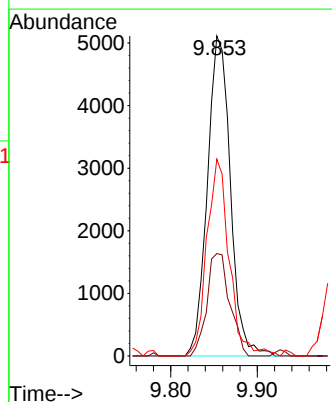
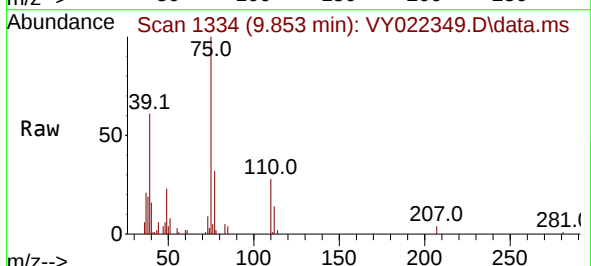
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

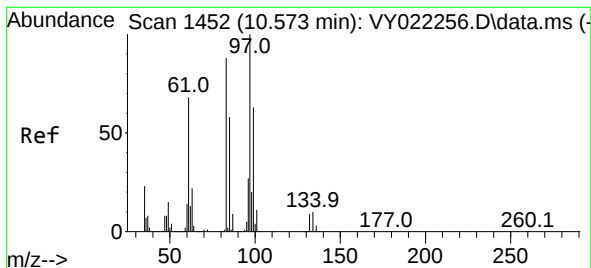
Tgt Ion: 75 Resp: 8593
Ion Ratio Lower Upper
75 100
77 35.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 37.832 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 75 Resp: 9418
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 61.5 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 52.376 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

Tgt Ion: 97 Resp: 5756

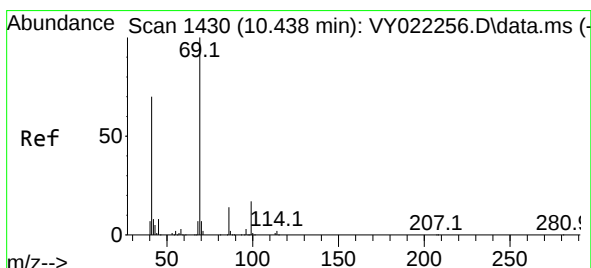
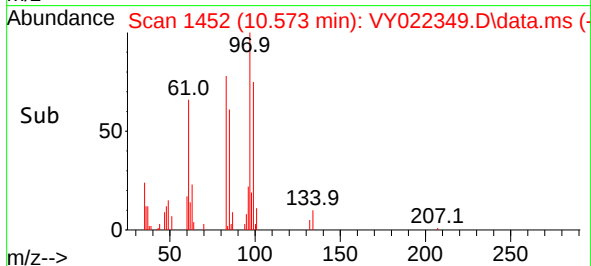
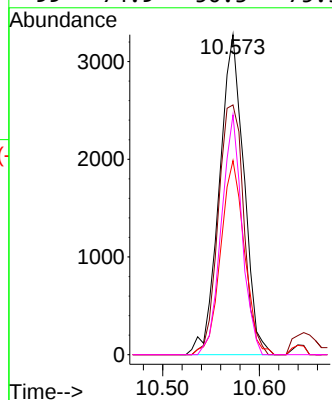
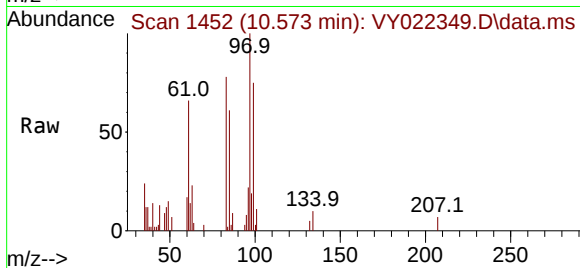
Ion Ratio Lower Upper

97 100

83 78.1 70.3 105.5

85 60.6 46.2 69.4

99 74.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 46.586 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

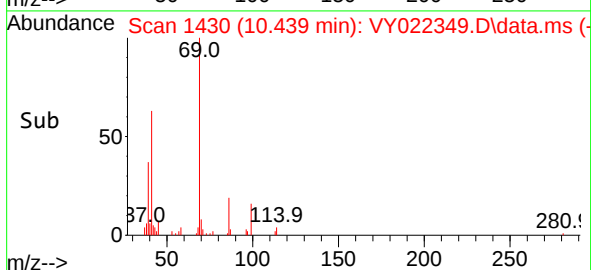
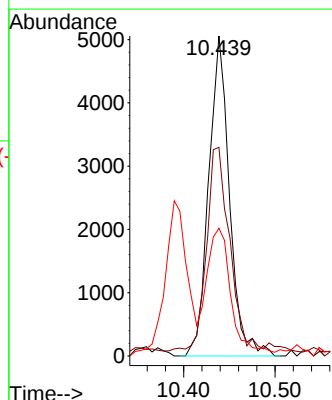
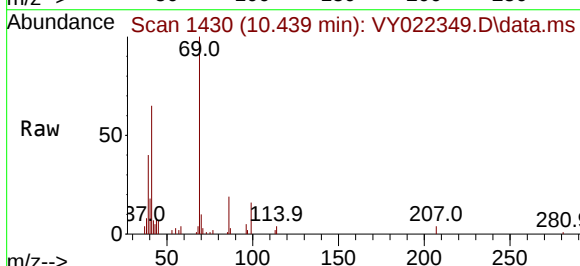
Tgt Ion: 69 Resp: 7975

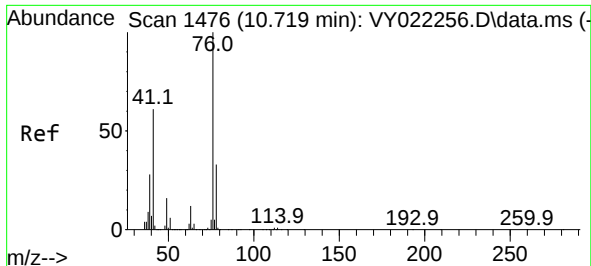
Ion Ratio Lower Upper

69 100

41 76.7 56.5 84.7

39 44.9 37.1 55.7

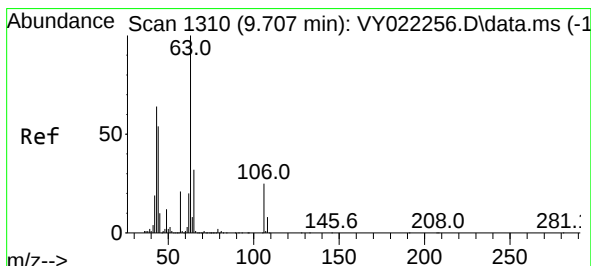
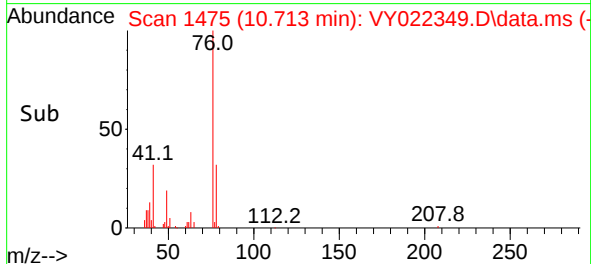
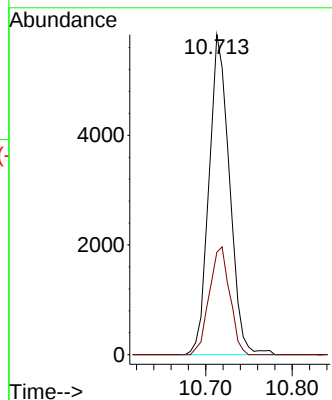
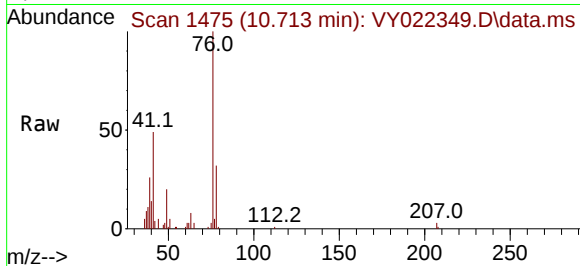




#57
1,3-Dichloropropane
Concen: 49.093 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

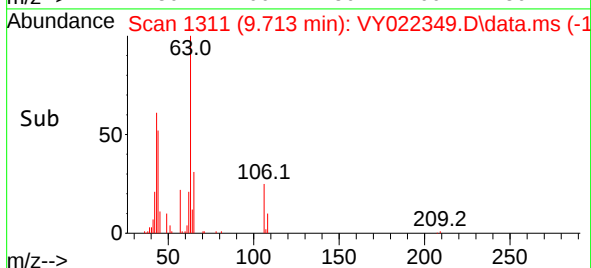
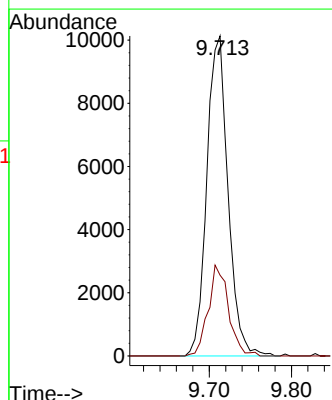
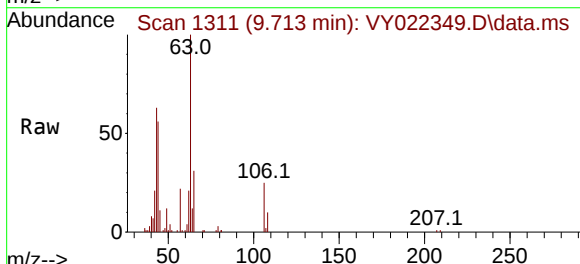
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

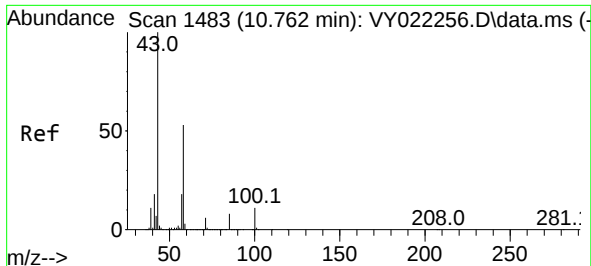
Tgt Ion: 76 Resp: 9586
Ion Ratio Lower Upper
76 100
78 33.7 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 236.070 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 63 Resp: 18139
Ion Ratio Lower Upper
63 100
106 27.1 21.0 31.4

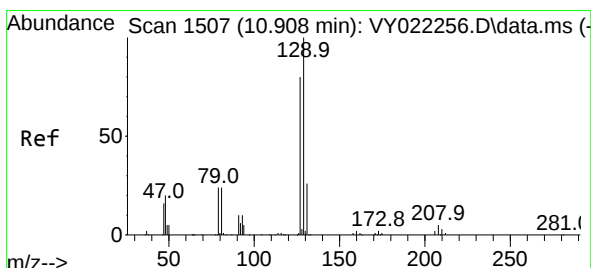
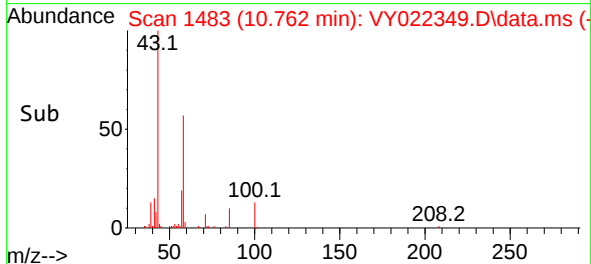
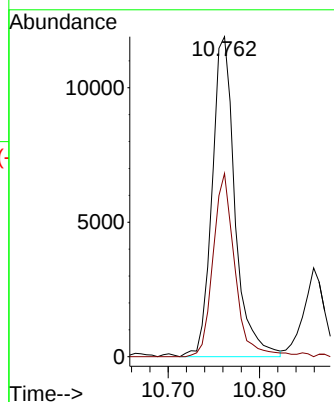
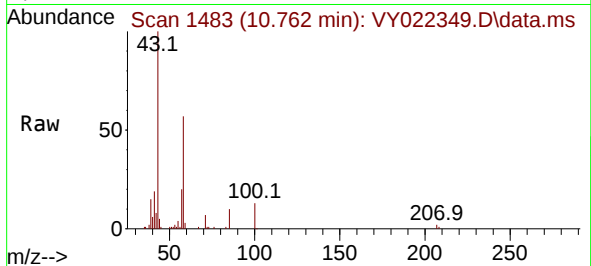




#59
2-Hexanone
Concen: 269.010 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

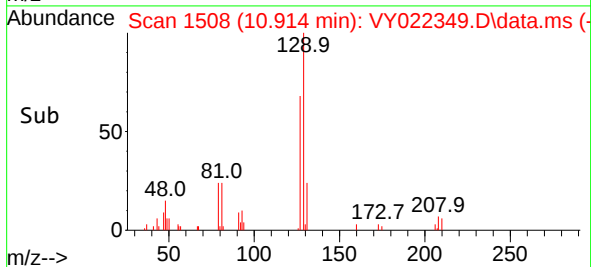
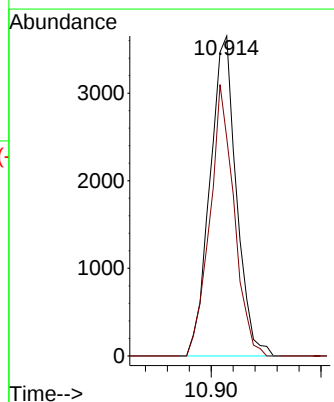
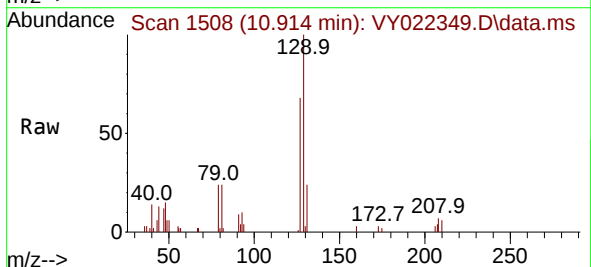
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

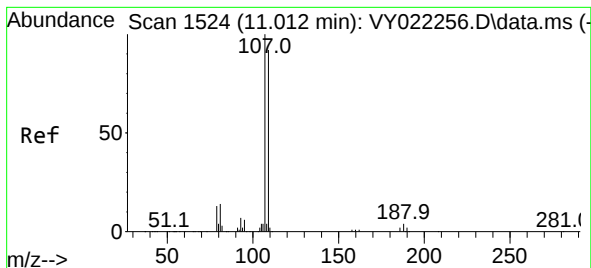
Tgt Ion: 43 Resp: 20675
Ion Ratio Lower Upper
43 100
58 54.6 26.1 78.3



#60
Dibromochloromethane
Concen: 42.883 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 129 Resp: 6117
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

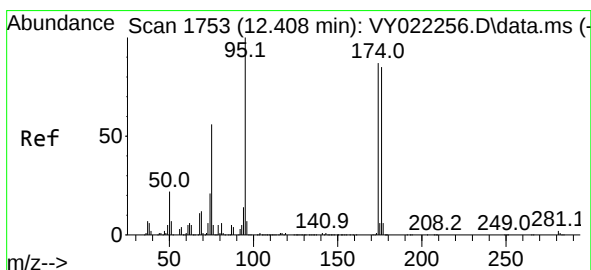
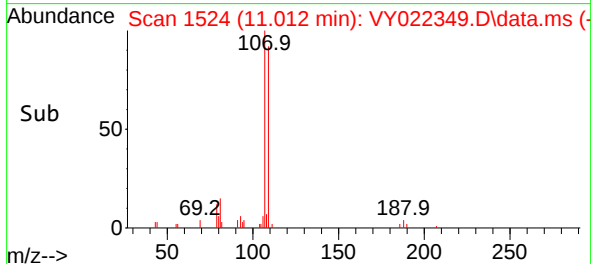
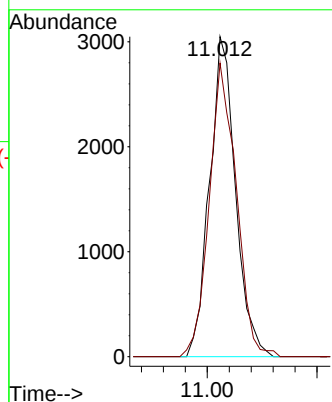
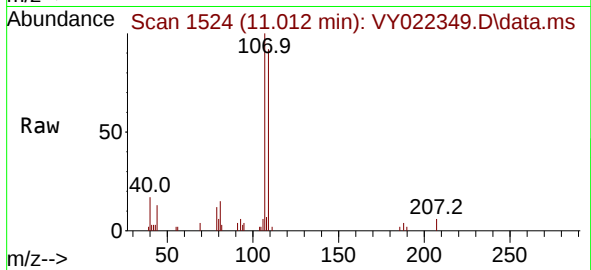




#61
1,2-Dibromoethane
Concen: 48.932 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

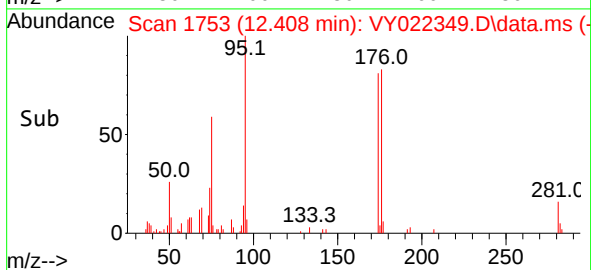
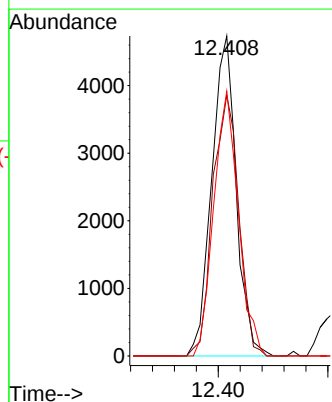
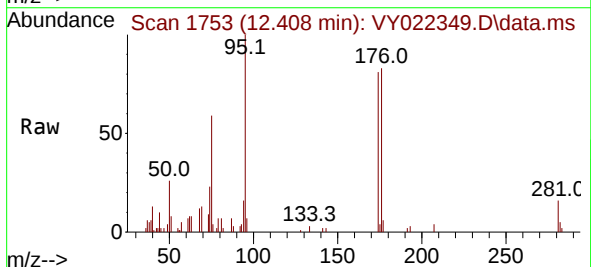
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

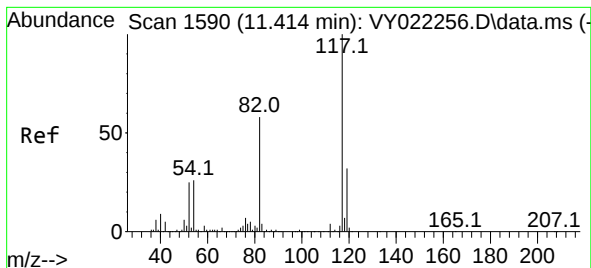
Tgt Ion:107 Resp: 5012
Ion Ratio Lower Upper
107 100
109 95.6 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 41.895 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 95 Resp: 7351
Ion Ratio Lower Upper
95 100
174 86.5 0.0 166.8
176 83.1 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: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

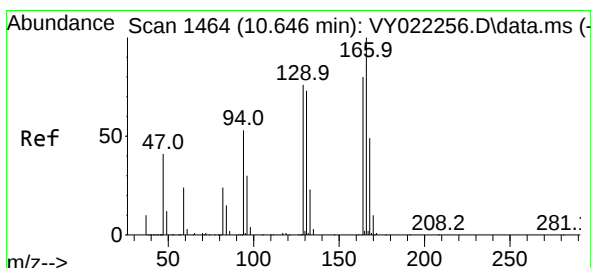
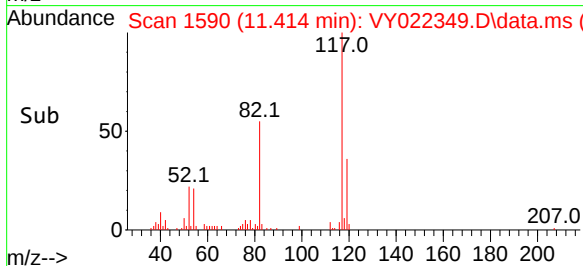
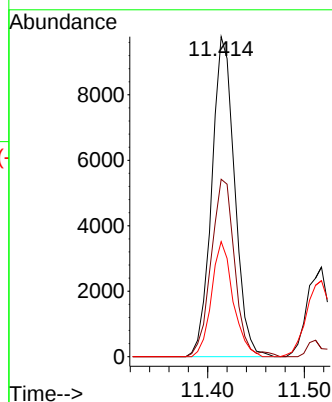
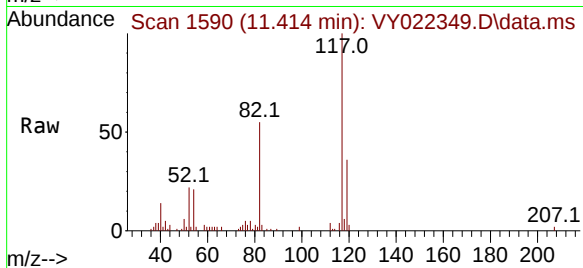
Tgt Ion:117 Resp: 16045

Ion Ratio Lower Upper

117 100

82 55.4 46.6 70.0

119 36.0 25.8 38.6



#64

Tetrachloroethene

Concen: 68.069 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Tgt Ion:164 Resp: 10095

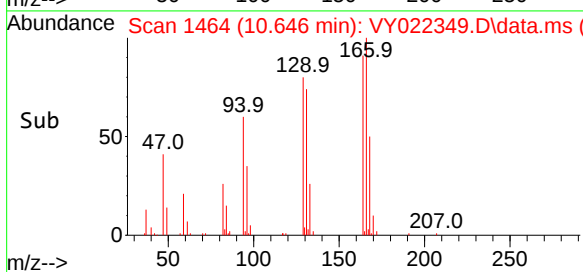
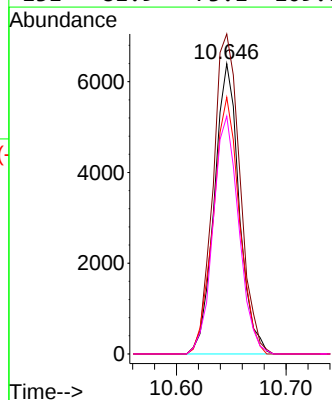
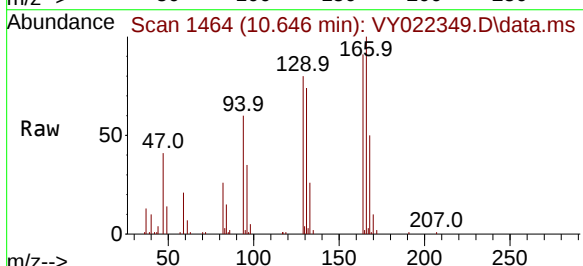
Ion Ratio Lower Upper

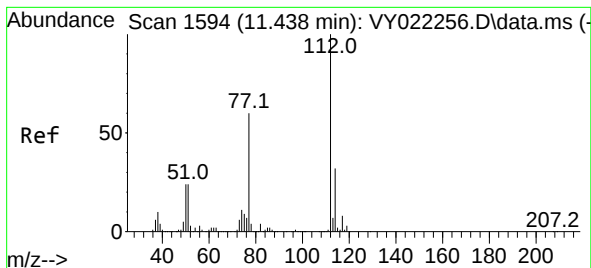
164 100

166 110.3 100.4 150.6

129 88.4 76.4 114.6

131 81.9 73.1 109.7





#65

Chlorobenzene

Concen: 49.656 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

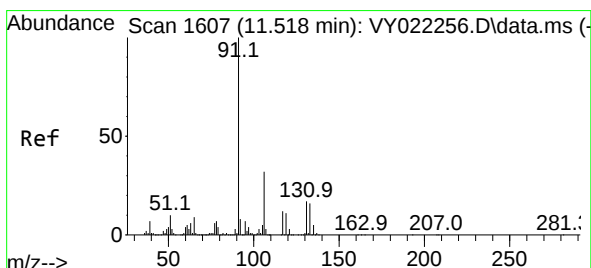
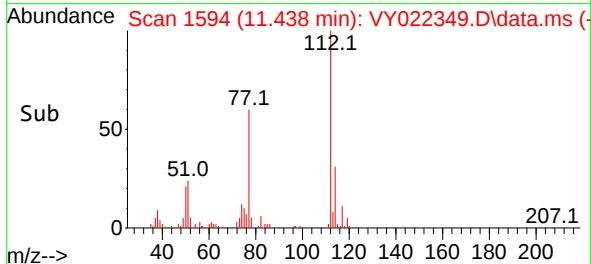
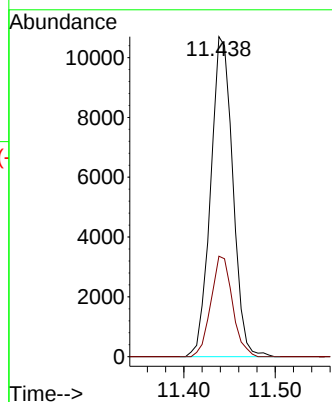
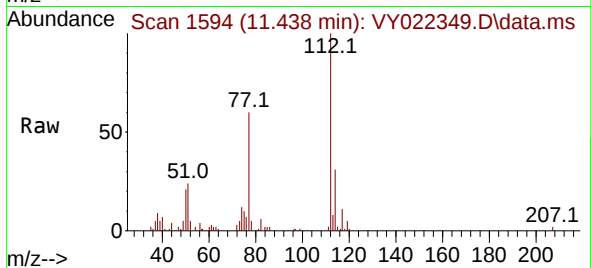
TP-24MSD

Tgt Ion:112 Resp: 17975

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.659 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

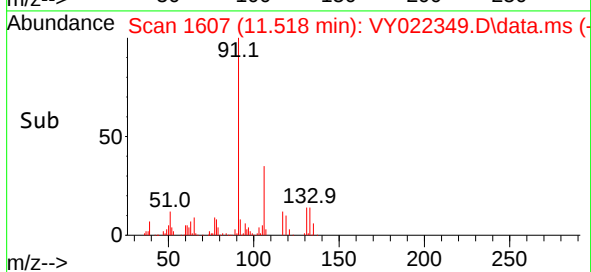
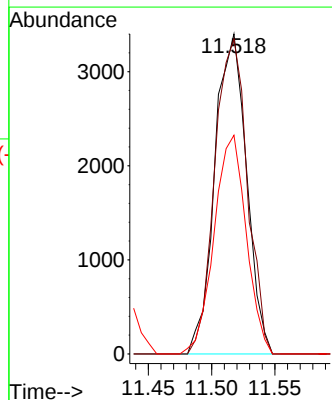
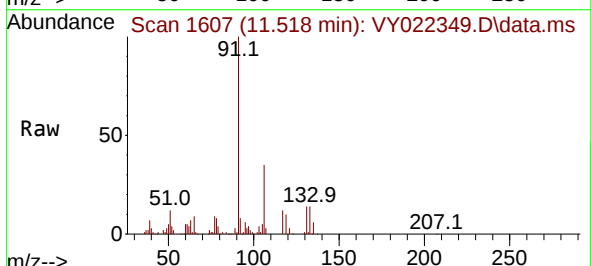
Tgt Ion:131 Resp: 5931

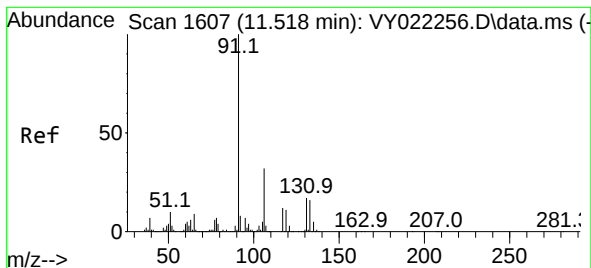
Ion Ratio Lower Upper

131 100

133 101.0 47.3 141.9

119 69.1 33.1 99.2





#67

Ethyl Benzene

Concen: 54.393 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

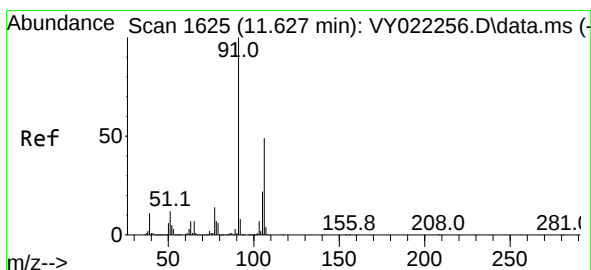
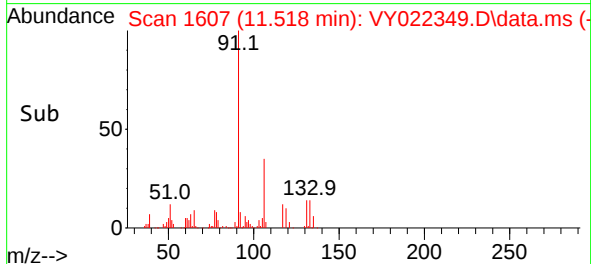
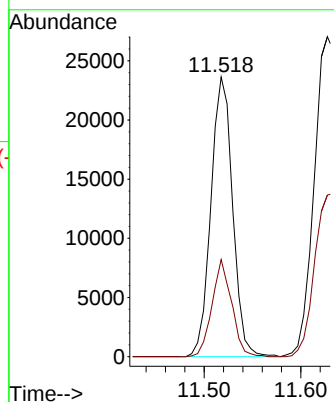
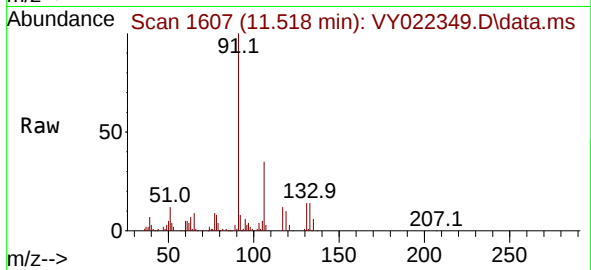
TP-24MSD

Tgt Ion: 91 Resp: 36875

Ion Ratio Lower Upper

91 100

106 34.7 25.4 38.0



#68

m/p-Xylenes

Concen: 104.170 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022349.D

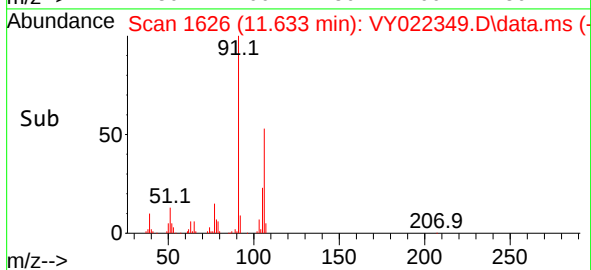
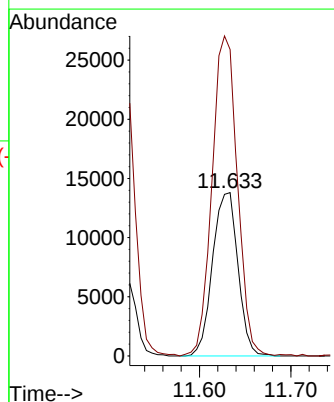
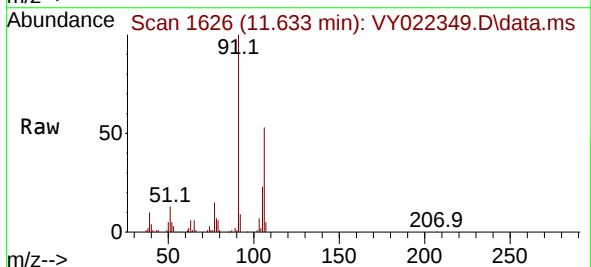
Acq: 20 May 2025 17:41

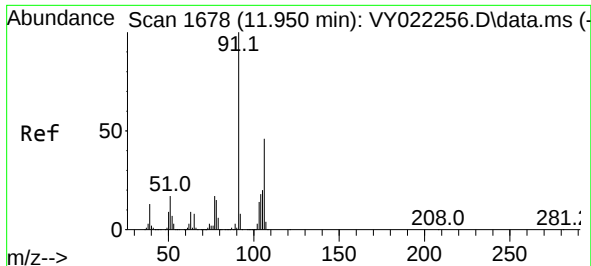
Tgt Ion:106 Resp: 26611

Ion Ratio Lower Upper

106 100

91 195.6 163.0 244.4

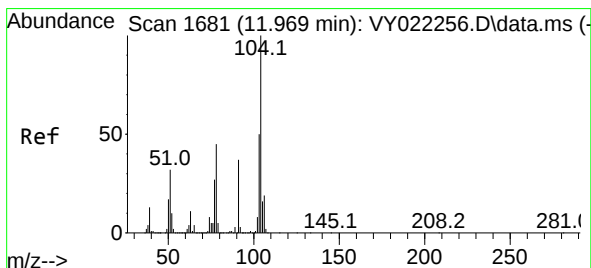
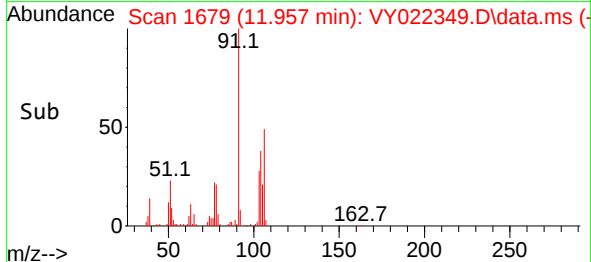
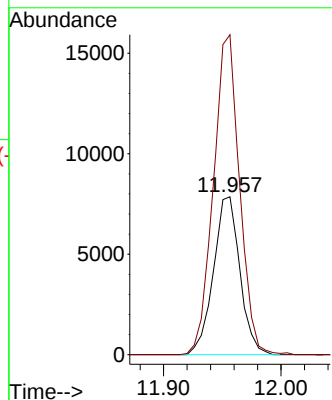
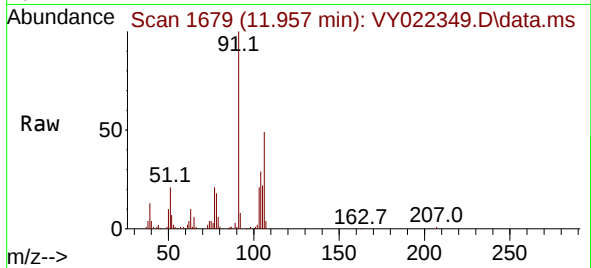




#69
o-Xylene
Concen: 50.829 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

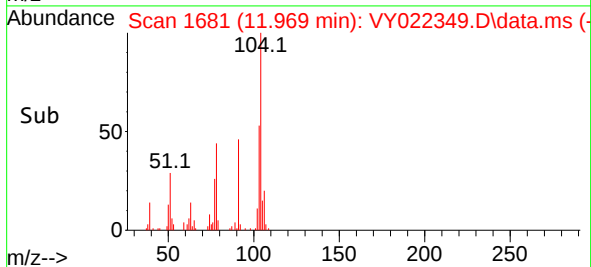
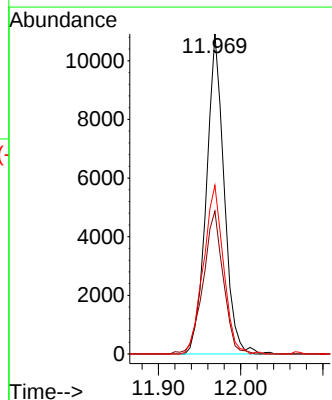
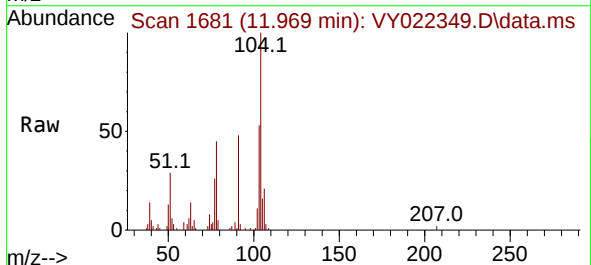
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

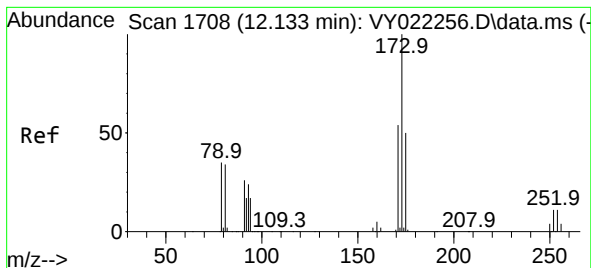
Tgt Ion:106 Resp: 12285
Ion Ratio Lower Upper
106 100
91 200.6 108.3 324.8



#70
Styrene
Concen: 40.314 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion:104 Resp: 16436
Ion Ratio Lower Upper
104 100
78 50.2 40.9 61.3
103 59.4 43.7 65.5





#71

Bromoform

Concen: 49.918 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

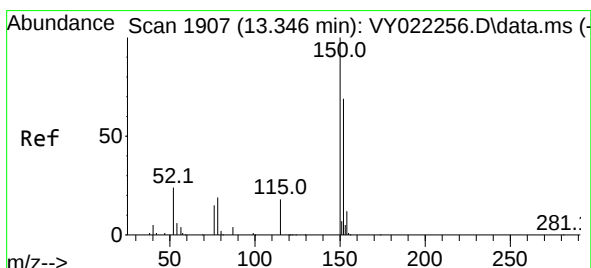
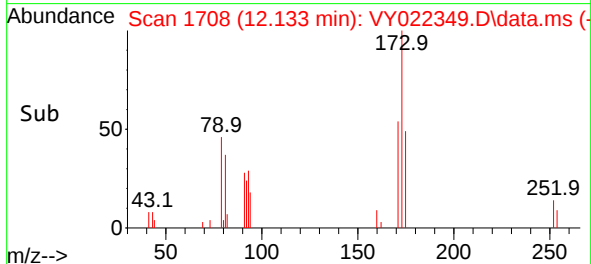
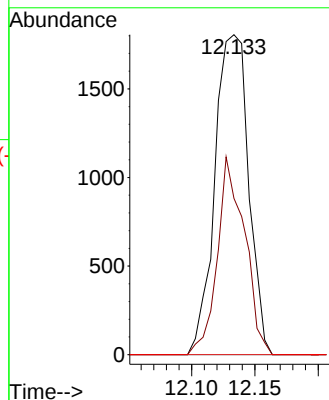
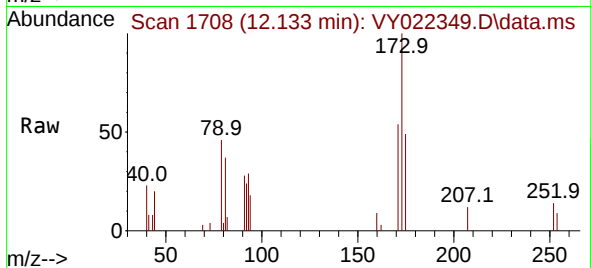
Tgt Ion:173 Resp: 3353

Ion Ratio Lower Upper

173 100

175 49.9 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: VY022349.D

Acq: 20 May 2025 17:41

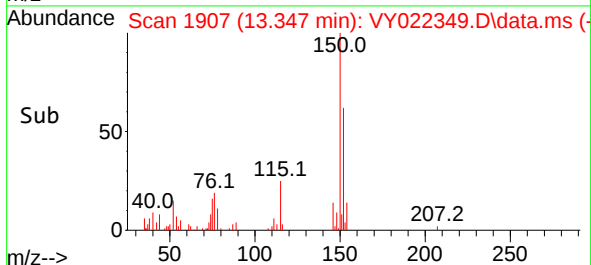
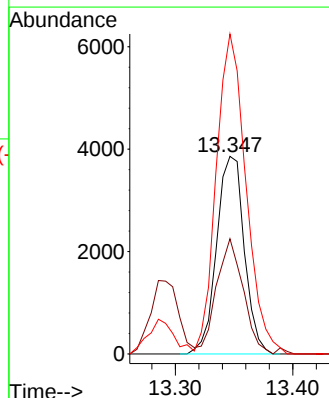
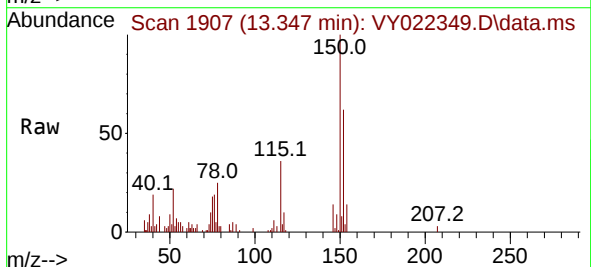
Tgt Ion:152 Resp: 6318

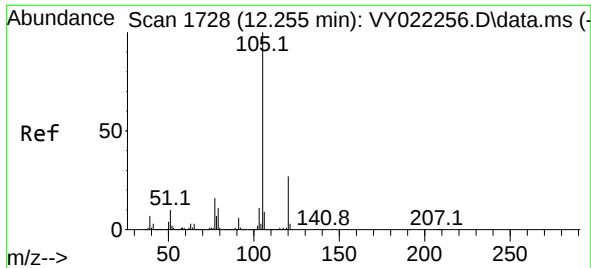
Ion Ratio Lower Upper

152 100

115 56.3 29.4 88.2

150 173.8 0.0 353.8

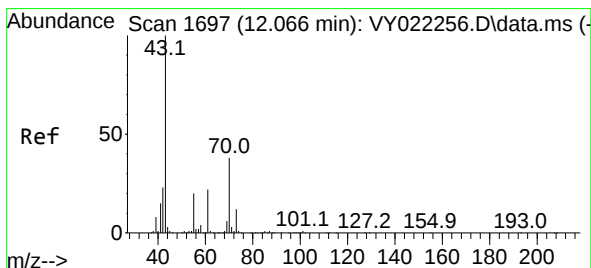
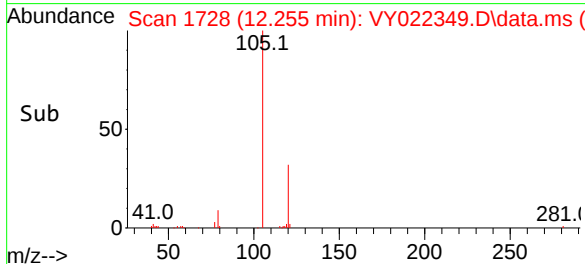
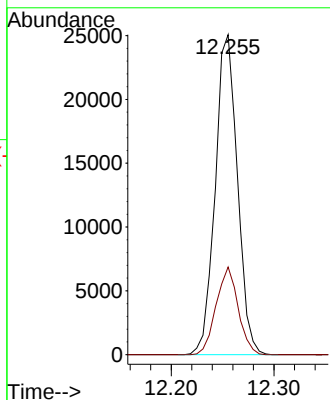
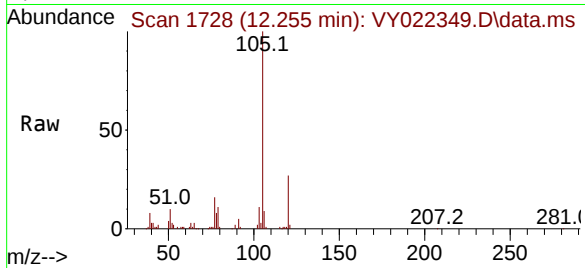




#73
Isopropylbenzene
Concen: 71.675 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

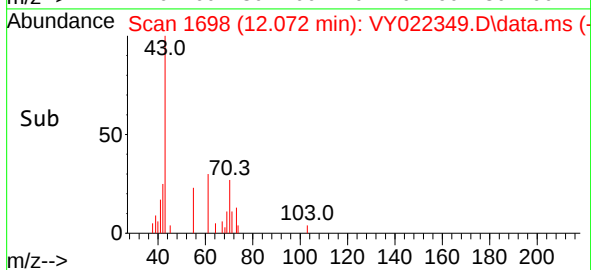
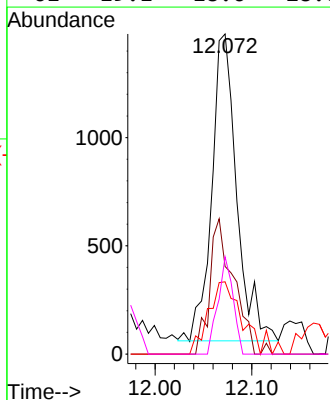
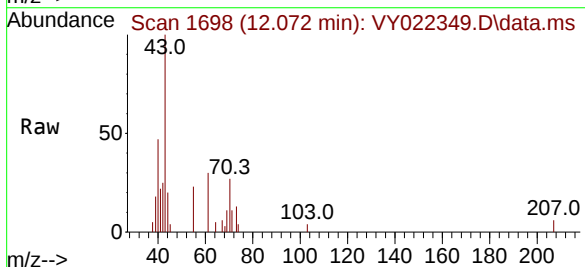
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

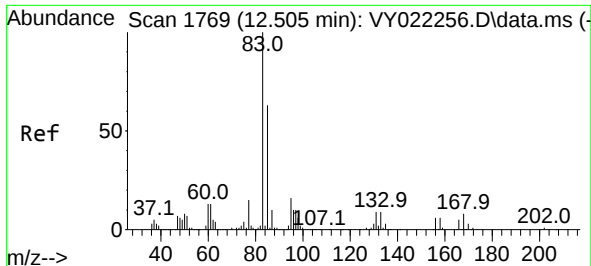
Tgt Ion:105 Resp: 37516
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6



#74
N-ethyl acetate
Concen: 17.048 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
70 41.5 31.4 47.0
55 30.1 17.0 25.6#
61 19.1 18.6 28.0

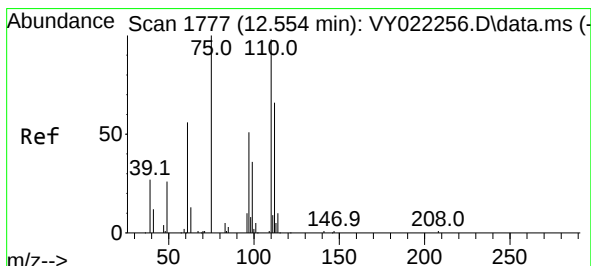
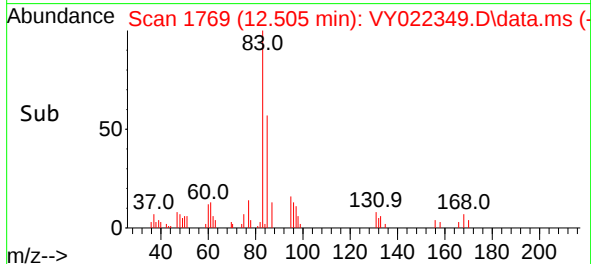
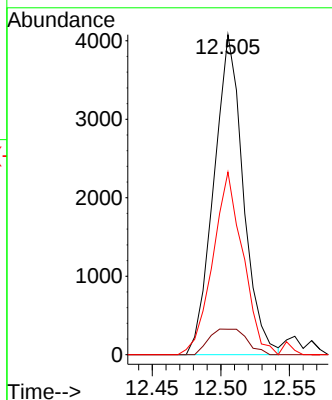
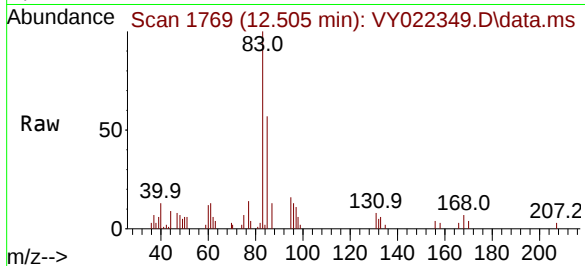




#75
 1,1,2,2-Tetrachloroethane
 Concen: 75.643 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

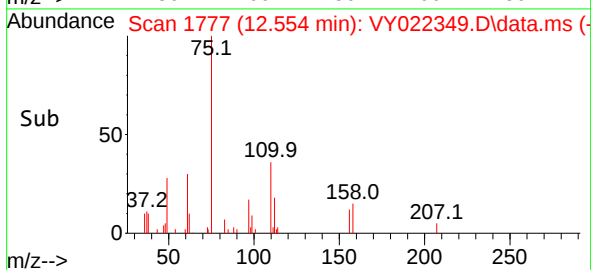
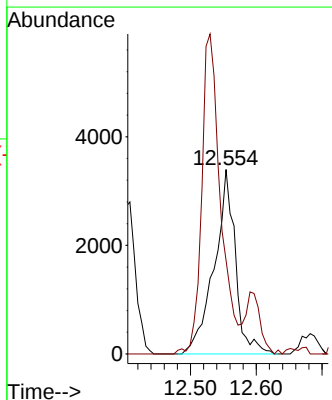
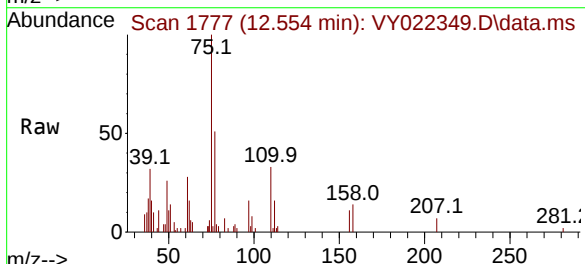
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

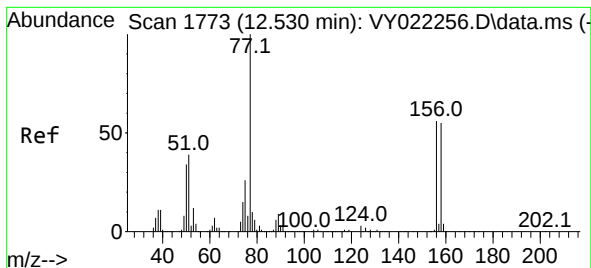
Tgt Ion: 83 Resp: 6089
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.7
 85 58.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 118.657 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

Tgt Ion: 75 Resp: 7595
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.026 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

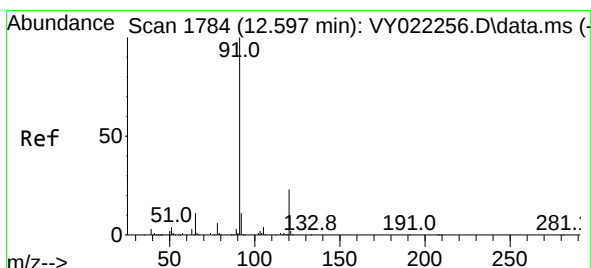
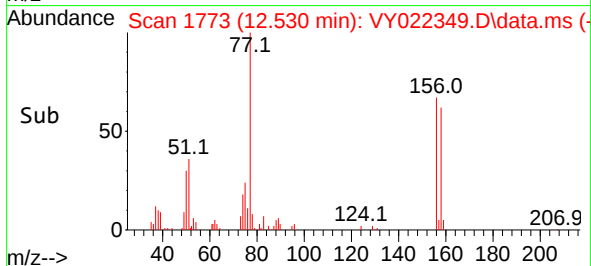
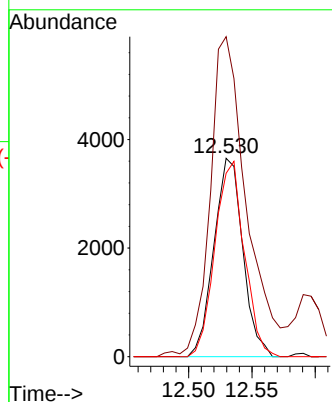
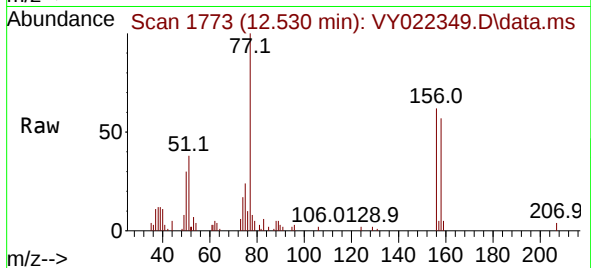
Tgt Ion:156 Resp: 5816

Ion Ratio Lower Upper

156 100

77 200.7 94.5 283.6

158 99.7 48.4 145.3



#78

n-propylbenzene

Concen: 66.772 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022349.D

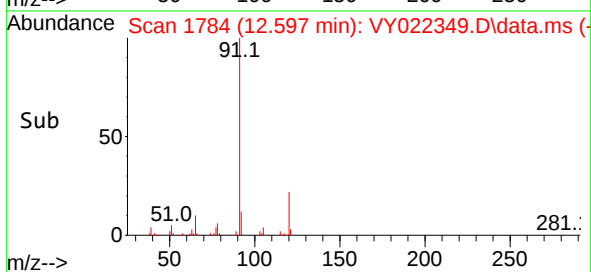
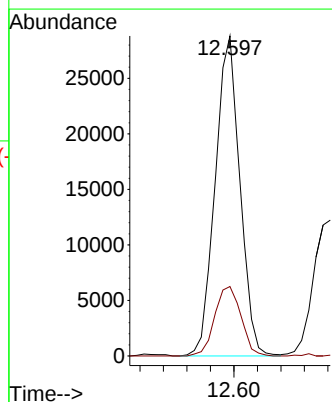
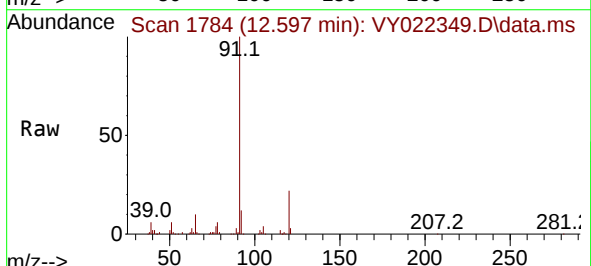
Acq: 20 May 2025 17:41

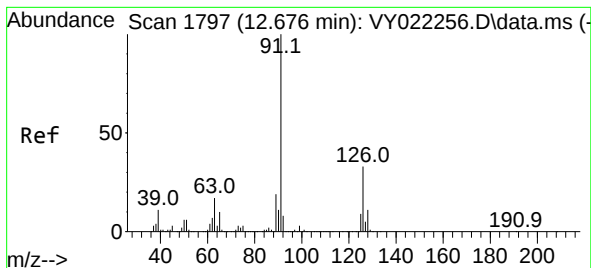
Tgt Ion: 91 Resp: 42156

Ion Ratio Lower Upper

91 100

120 23.0 11.1 33.3





#79

2-Chlorotoluene

Concen: 55.939 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

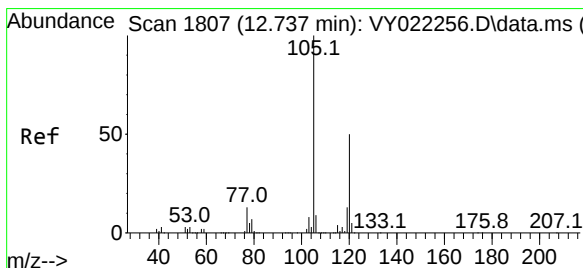
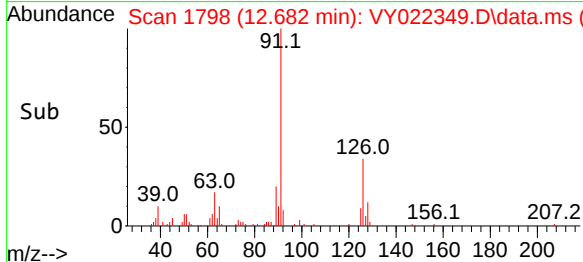
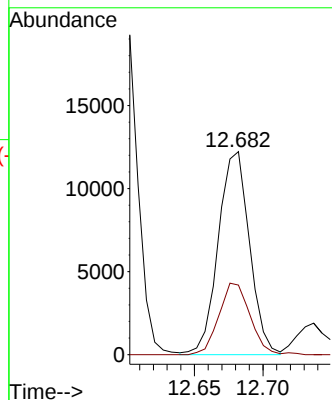
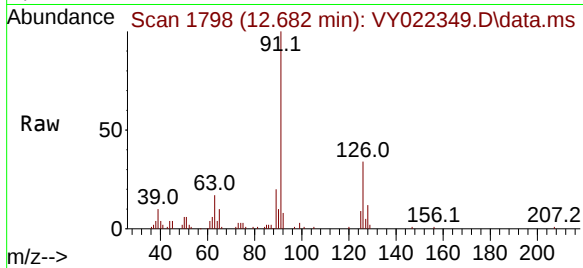
TP-24MSD

Tgt Ion: 91 Resp: 19408

Ion Ratio Lower Upper

91 100

126 35.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 60.660 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022349.D

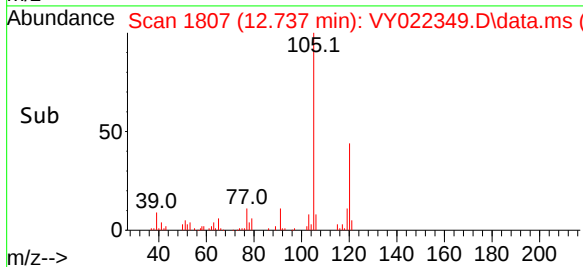
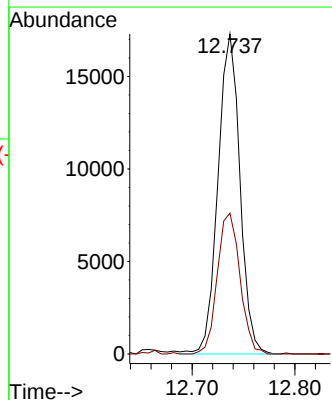
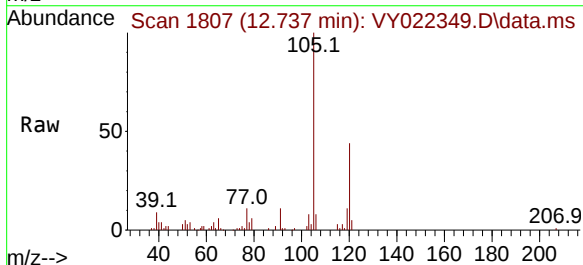
Acq: 20 May 2025 17:41

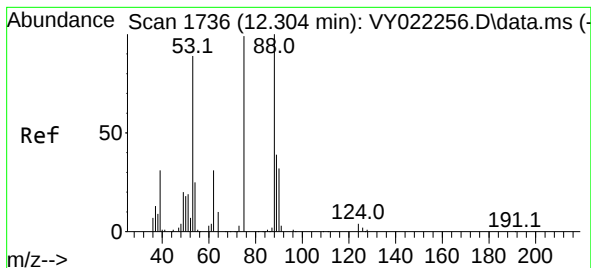
Tgt Ion: 105 Resp: 25630

Ion Ratio Lower Upper

105 100

120 45.4 24.2 72.6

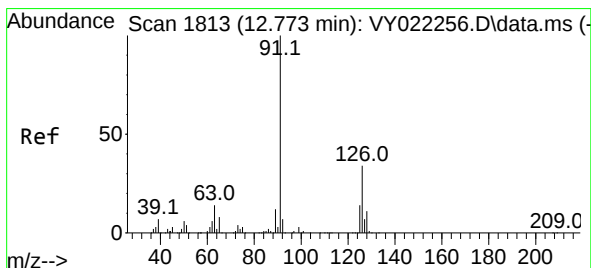
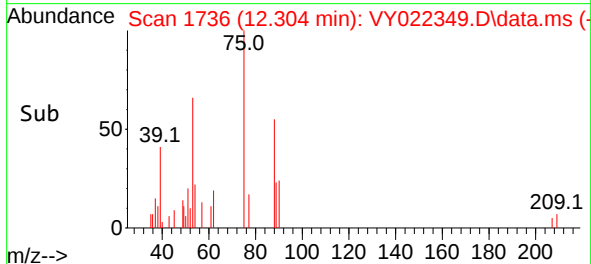
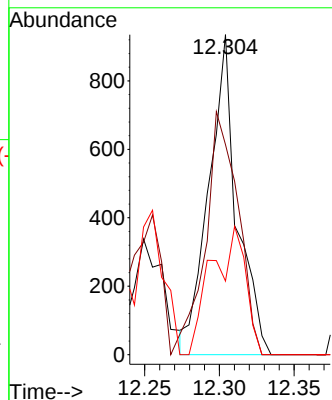
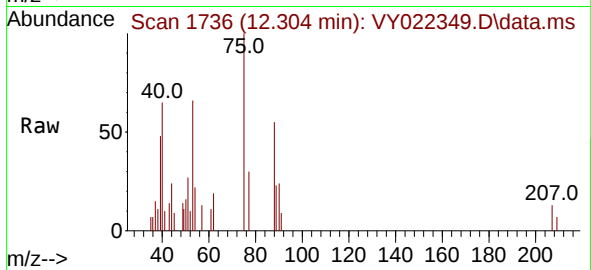




#81
trans-1,4-Dichloro-2-butene
Concen: 38.738 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

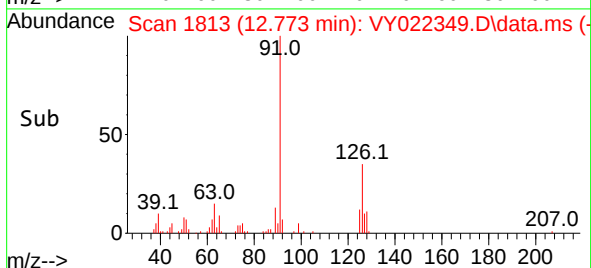
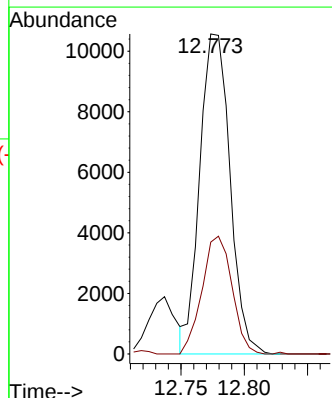
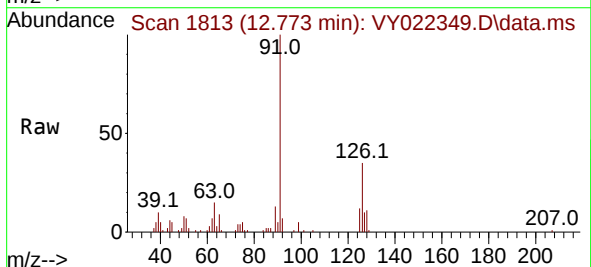
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

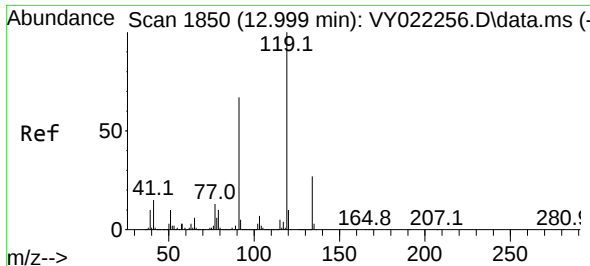
Tgt Ion: 75 Resp: 1224
Ion Ratio Lower Upper
75 100
53 86.4 75.8 113.8
89 48.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.145 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion: 91 Resp: 17538
Ion Ratio Lower Upper
91 100
126 36.6 16.8 50.4

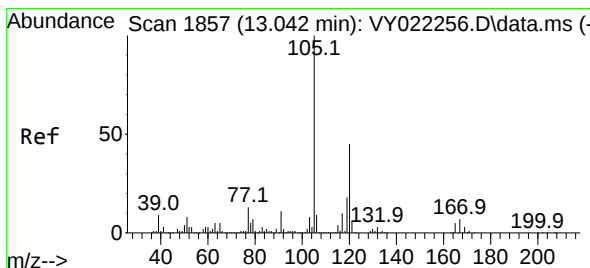
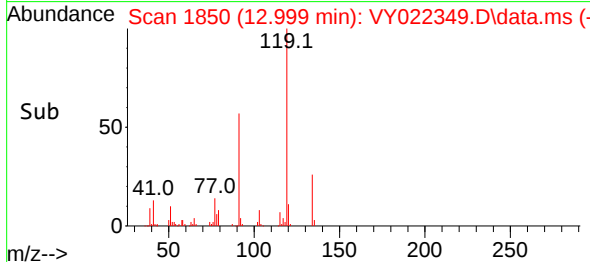
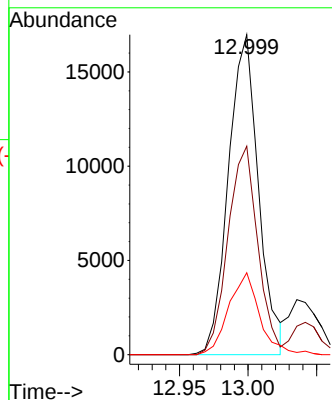
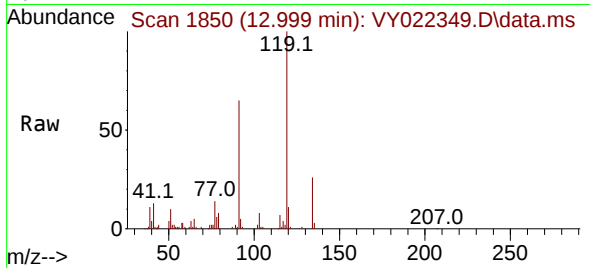




#83
tert-Butylbenzene
Concen: 69.274 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

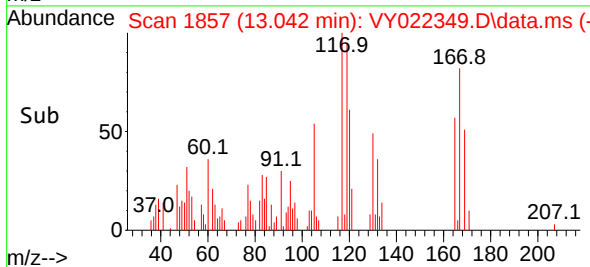
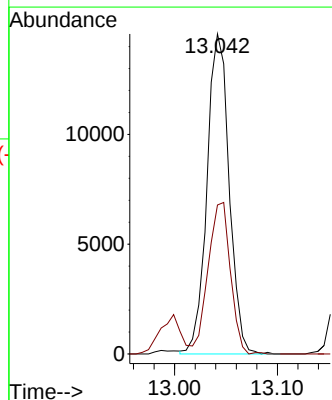
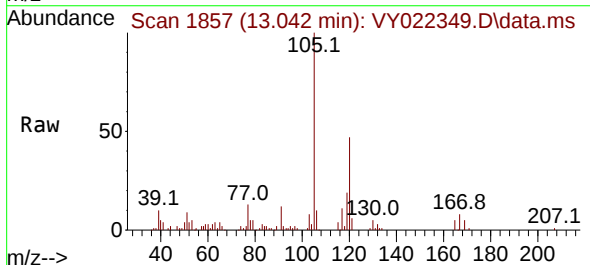
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion:119 Resp: 26015
Ion Ratio Lower Upper
119 100
91 64.3 32.8 98.3
134 26.4 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 52.214 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022349.D
Acq: 20 May 2025 17:41

Tgt Ion:105 Resp: 21900
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 71.099 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

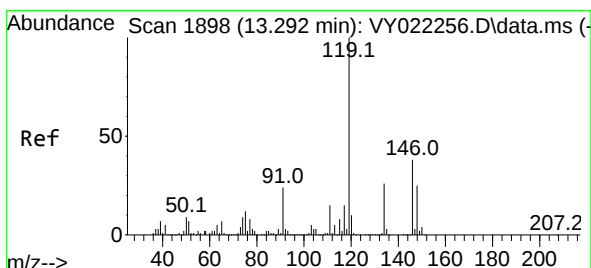
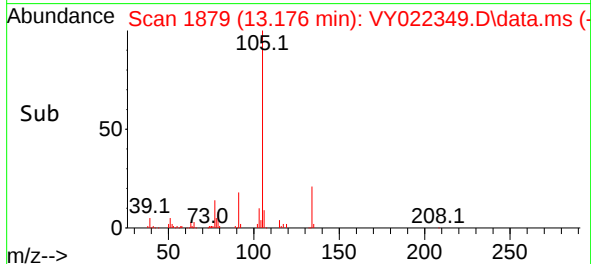
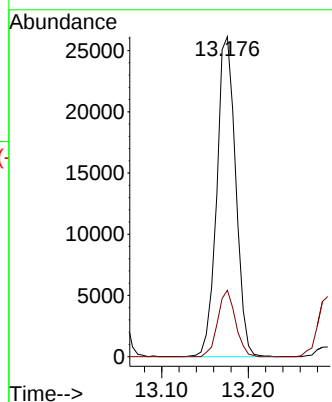
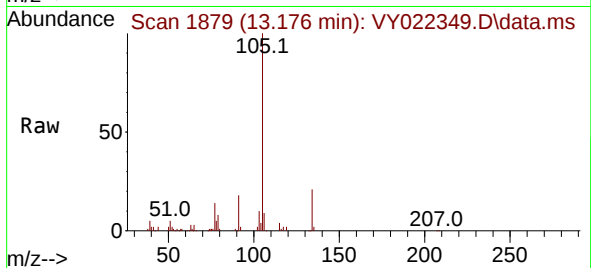
TP-24MSD

Tgt Ion:105 Resp: 39635

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 61.354 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

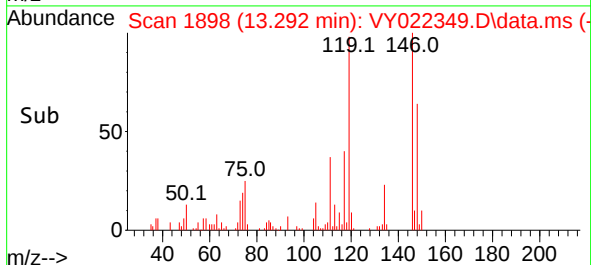
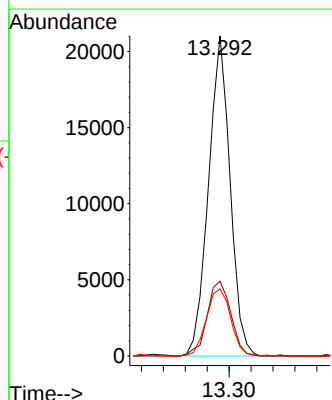
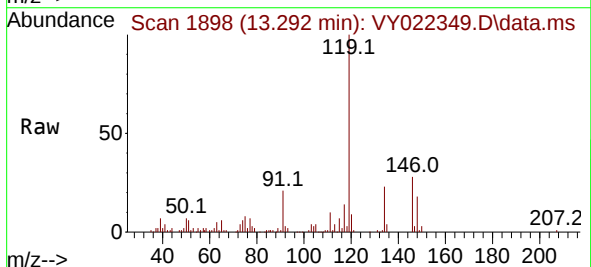
Tgt Ion:119 Resp: 28766

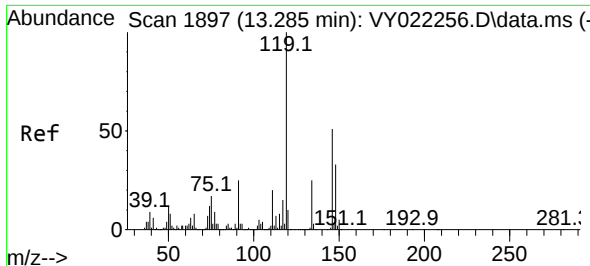
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.6 12.1 36.3

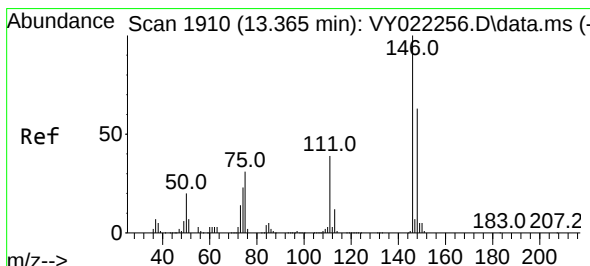
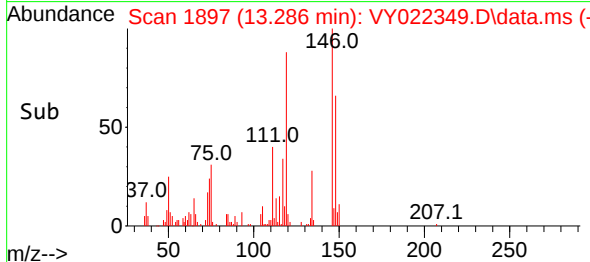
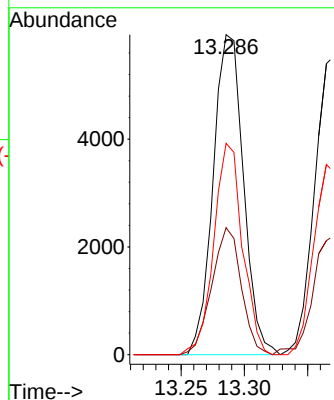
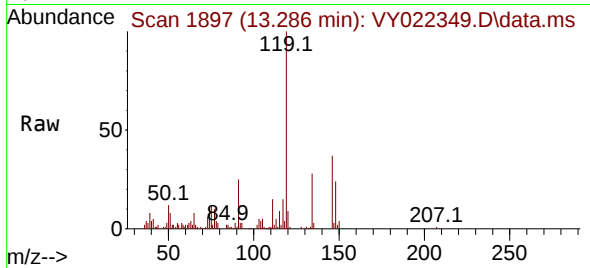




#87
 1,3-Dichlorobenzene
 Concen: 43.389 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

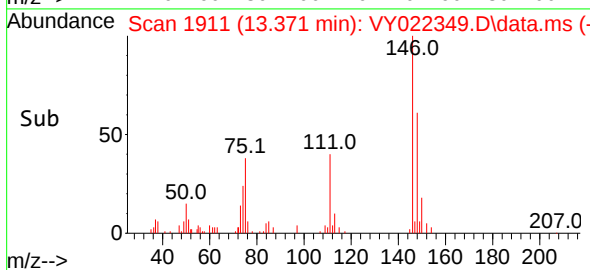
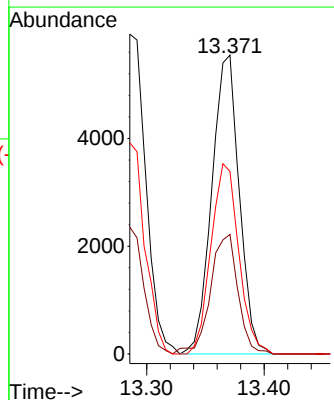
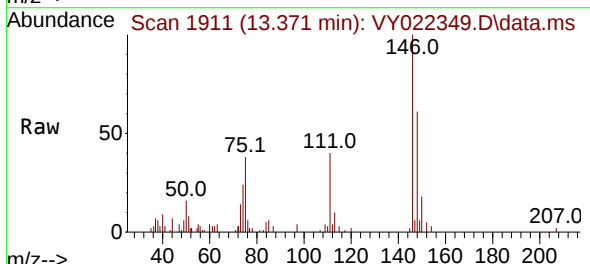
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

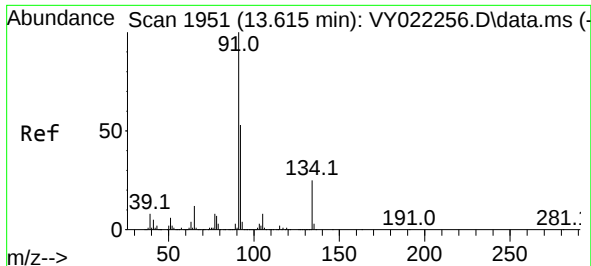
Tgt Ion:146	Resp:	9902
Ion	Ratio	Lower Upper
146	100	
111	38.5	19.9 59.7
148	62.5	31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 41.040 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

Tgt Ion:146	Resp:	9009
Ion	Ratio	Lower Upper
146	100	
111	40.1	20.0 59.9
148	64.6	32.1 96.5





#89

n-Butylbenzene

Concen: 56.613 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

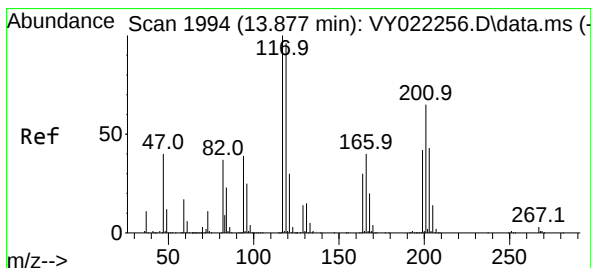
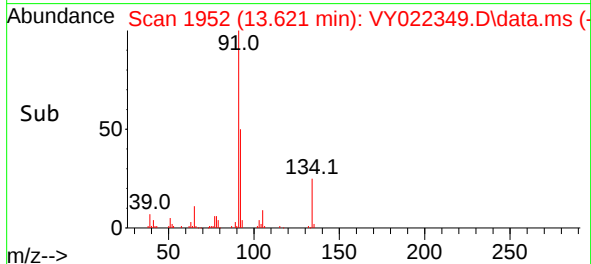
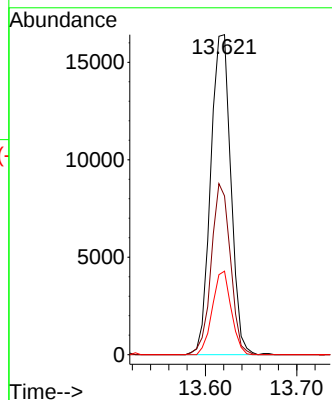
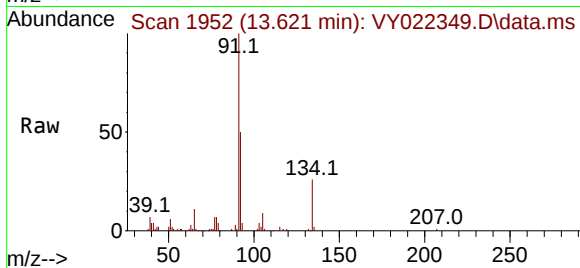
Tgt Ion: 91 Resp: 25111

Ion Ratio Lower Upper

91 100

92 50.8 26.3 78.9

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 51.488 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022349.D

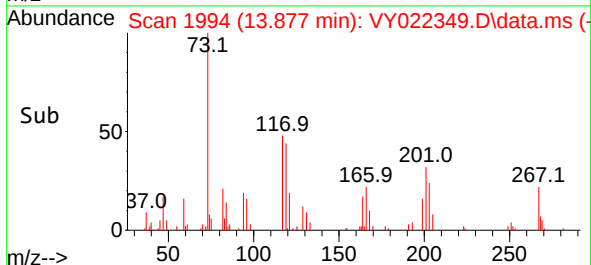
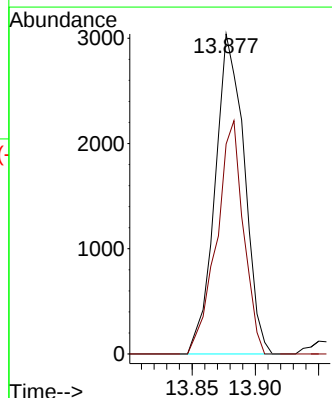
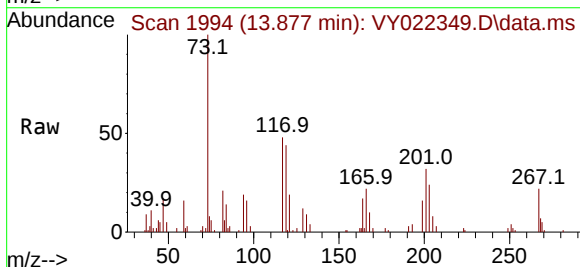
Acq: 20 May 2025 17:41

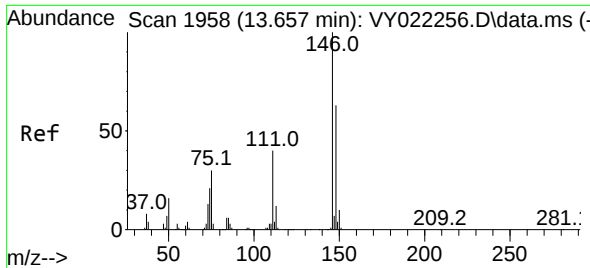
Tgt Ion: 117 Resp: 4873

Ion Ratio Lower Upper

117 100

201 67.2 35.2 105.6

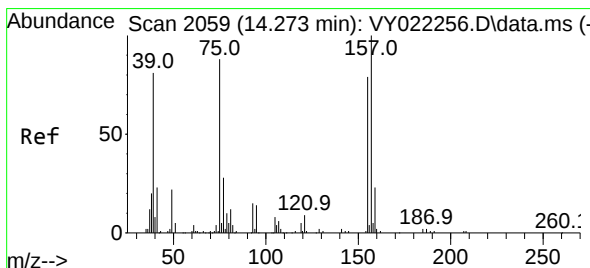
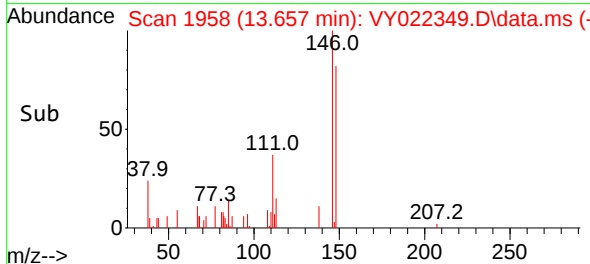
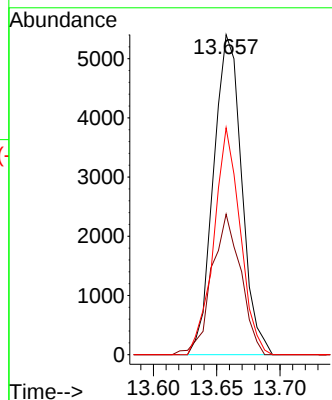
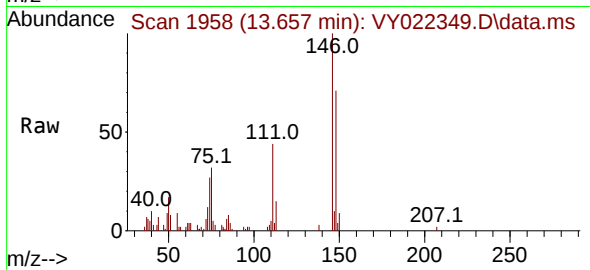




#91
 1,2-Dichlorobenzene
 Concen: 43.690 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

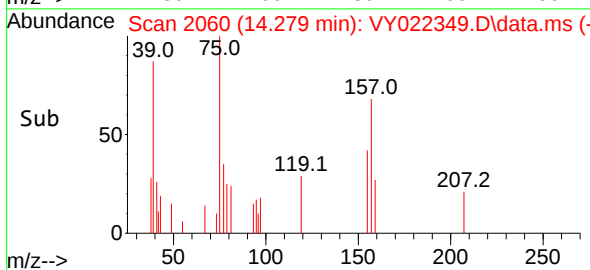
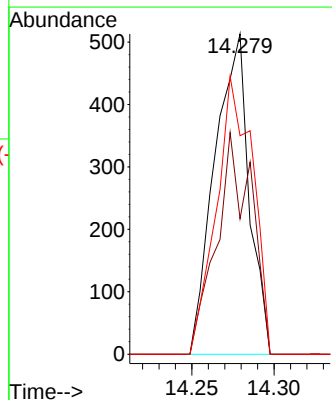
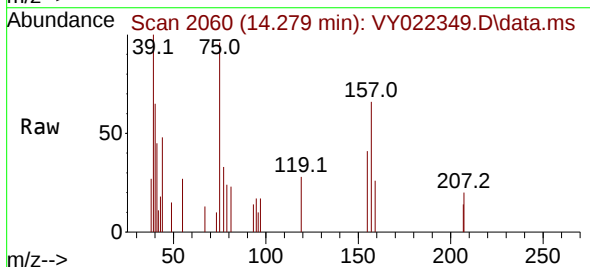
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

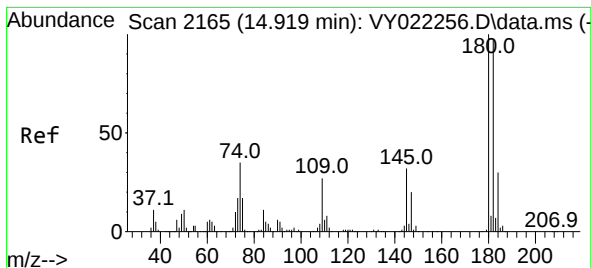
Tgt Ion:	146	Resp:	8375
Ion	Ratio	Lower	Upper
146	100		
111	45.4	20.5	61.5
148	66.6	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.394 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022349.D
 Acq: 20 May 2025 17:41

Tgt Ion:	75	Resp:	745
Ion	Ratio	Lower	Upper
75	100		
155	70.5	43.4	130.1
157	91.8	54.6	163.9





#93

1,2,4-Trichlorobenzene

Concen: 22.460 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

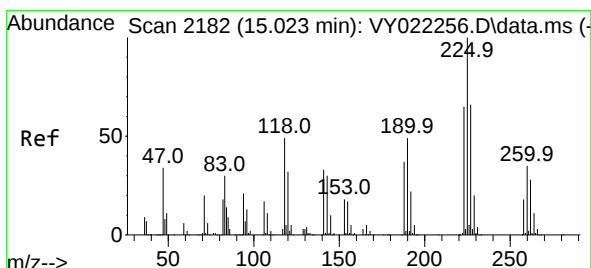
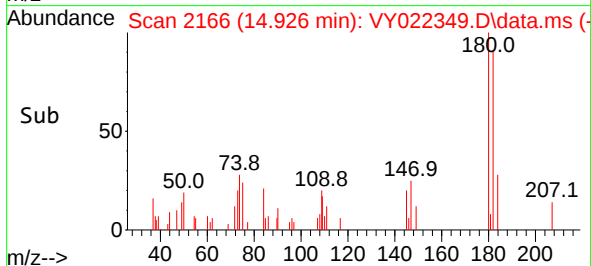
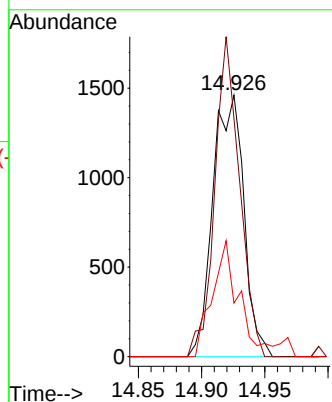
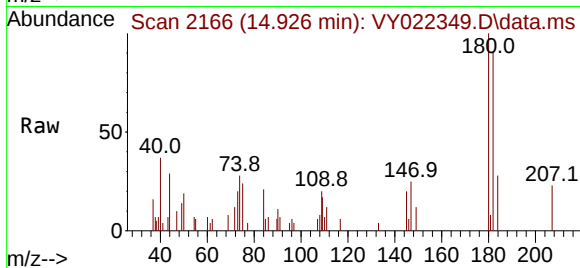
Tgt Ion:180 Resp: 2487

Ion Ratio Lower Upper

180 100

182 97.7 48.0 144.0

145 38.5 15.0 45.1



#94

Hexachlorobutadiene

Concen: 44.308 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

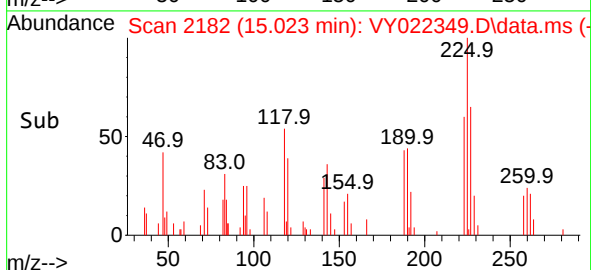
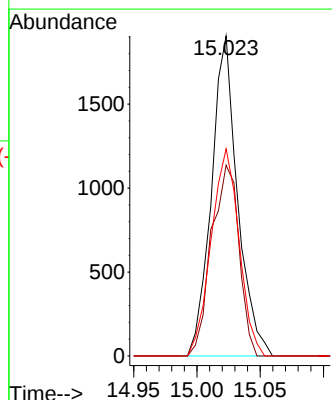
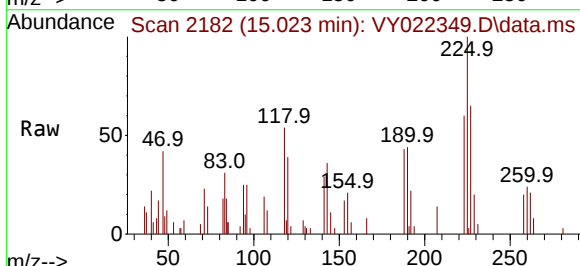
Tgt Ion:225 Resp: 2736

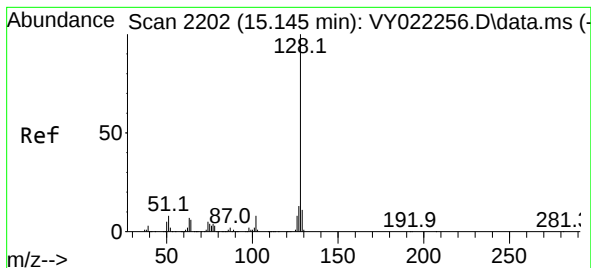
Ion Ratio Lower Upper

225 100

223 62.7 31.5 94.5

227 69.0 32.1 96.3





#95

Naphthalene

Concen: 28.116 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

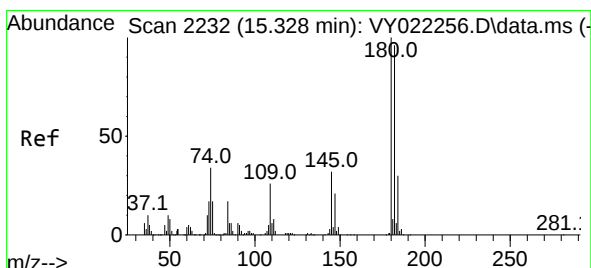
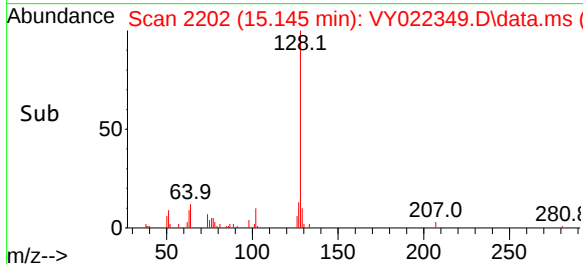
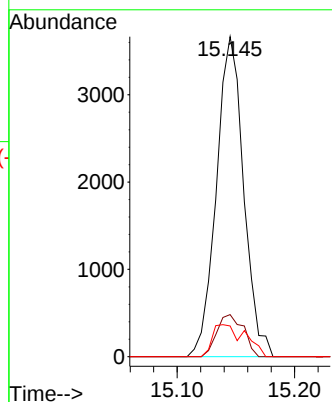
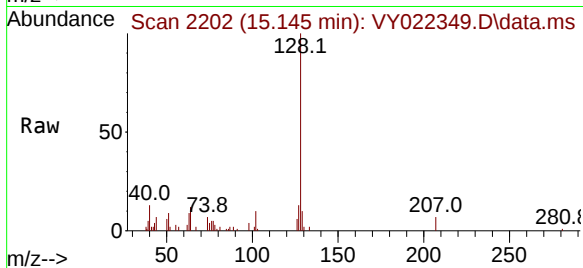
Tgt Ion:128 Resp: 5908

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 12.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.472 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022349.D

Acq: 20 May 2025 17:41

Tgt Ion:180 Resp: 1923

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 44.9 15.9 47.6

