

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022788.D
 Acq On : 24 Jun 2025 11:21
 Operator : SY/MD
 Sample : VY0624SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBSD01

Quant Time: Jun 25 01:22:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	454676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	751533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	644021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303566	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	246467	48.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.140%
35) Dibromofluoromethane	7.634	113	227031	49.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.340%
50) Toluene-d8	10.103	98	915700	50.490	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.401	95	277996	47.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	83841	21.564	ug/l	100
3) Chloromethane	2.068	50	148016	19.937	ug/l	98
4) Vinyl Chloride	2.196	62	190974	20.590	ug/l	97
5) Bromomethane	2.586	94	149920	20.560	ug/l	100
6) Chloroethane	2.726	64	124997	20.048	ug/l	93
7) Trichlorofluoromethane	3.043	101	212732	20.713	ug/l	100
8) Diethyl Ether	3.446	74	49045	19.335	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	98481	20.983	ug/l	98
10) Methyl Iodide	4.000	142	94235	18.441	ug/l	100
11) Tert butyl alcohol	4.860	59	31222	92.529	ug/l #	73
12) 1,1-Dichloroethene	3.781	96	91858	19.960	ug/l	98
13) Acrolein	3.647	56	43455	94.972	ug/l	99
14) Allyl chloride	4.378	41	140797	19.890	ug/l	95
15) Acrylonitrile	5.049	53	101092	95.519	ug/l	99
16) Acetone	3.860	43	90320	94.167	ug/l	99
17) Carbon Disulfide	4.098	76	304896	20.508	ug/l	99
18) Methyl Acetate	4.378	43	55496	17.471	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	239186	19.087	ug/l	98
20) Methylene Chloride	4.604	84	108504	17.913	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	104363	19.842	ug/l	96
22) Diisopropyl ether	6.018	45	314393	19.999	ug/l	97
23) Vinyl Acetate	5.957	43	854467	98.416	ug/l	99
24) 1,1-Dichloroethane	5.909	63	192393	20.261	ug/l	99
25) 2-Butanone	6.890	43	130645	93.588	ug/l	98
26) 2,2-Dichloropropane	6.878	77	160327	20.142	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	119261	19.513	ug/l	99
28) Bromochloromethane	7.238	49	80516	20.169	ug/l	94
29) Tetrahydrofuran	7.256	42	81271	92.199	ug/l	98
30) Chloroform	7.414	83	192735	19.707	ug/l	92
31) Cyclohexane	7.695	56	175872	20.177	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	172060	20.358	ug/l	99
36) 1,1-Dichloropropene	7.829	75	140846	20.331	ug/l	100
37) Ethyl Acetate	6.982	43	56563	18.921	ug/l	97
38) Carbon Tetrachloride	7.811	117	150312	20.563	ug/l	99
39) Methylcyclohexane	9.103	83	182366	20.342	ug/l	99
40) Benzene	8.079	78	429271	20.154	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	26911	14.623	ug/l #	83
42) 1,2-Dichloroethane	8.152	62	118209	20.253	ug/l	99
43) Isopropyl Acetate	8.195	43	117125	18.851	ug/l	97
44) Trichloroethene	8.859	130	110197	20.606	ug/l	99
45) 1,2-Dichloropropane	9.140	63	99722	20.004	ug/l	97
46) Dibromomethane	9.225	93	54686	19.325	ug/l	96
47) Bromodichloromethane	9.420	83	145543	19.945	ug/l	100
48) Methyl methacrylate	9.219	41	57360	19.204	ug/l	95
49) 1,4-Dioxane	9.225	88	12854	384.463	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	299993	95.014	ug/l	98
52) Toluene	10.170	92	268868	20.009	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	126826	19.317	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	149508	19.639	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	72385	19.754	ug/l	99
56) Ethyl methacrylate	10.438	69	89037	18.060	ug/l	97
57) 1,3-Dichloropropane	10.713	76	125029	19.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	230138	98.911	ug/l	99
59) 2-Hexanone	10.755	43	194180	90.459	ug/l	97
60) Dibromochloromethane	10.908	129	92711	19.588	ug/l	97
61) 1,2-Dibromoethane	11.011	107	65644	19.144	ug/l	96
64) Tetrachloroethene	10.646	164	131649	21.638	ug/l	97
65) Chlorobenzene	11.438	112	284096	20.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92635	19.327	ug/l	99
67) Ethyl Benzene	11.517	91	499591	20.093	ug/l	99
68) m/p-Xylenes	11.627	106	379372	39.471	ug/l	99
69) o-Xylene	11.950	106	174833	19.305	ug/l	98
70) Styrene	11.962	104	293422	19.343	ug/l	99
71) Bromoform	12.127	173	50804	19.036	ug/l #	98
73) Isopropylbenzene	12.249	105	460433	20.509	ug/l	99
74) N-amyl acetate	12.066	43	99500	19.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.499	83	67748	18.724	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	103863	33.513	ug/l #	100
77) Bromobenzene	12.523	156	102341	20.111	ug/l	99
78) n-propylbenzene	12.590	91	563511	20.789	ug/l	99
79) 2-Chlorotoluene	12.676	91	313424	20.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	370540	20.445	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22608	18.430	ug/l	92
82) 4-Chlorotoluene	12.773	91	323940	20.138	ug/l	99
83) tert-Butylbenzene	12.993	119	325208	20.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	365641	20.151	ug/l	100
85) sec-Butylbenzene	13.169	105	494743	20.573	ug/l	99
86) p-Isopropyltoluene	13.285	119	404814	20.228	ug/l	100
87) 1,3-Dichlorobenzene	13.279	146	205201	20.078	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	199889	19.689	ug/l	98
89) n-Butylbenzene	13.615	91	383849	20.391	ug/l	99
90) Hexachloroethane	13.871	117	85343	21.411	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	178210	19.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11713	19.089	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	101486	19.957	ug/l	97
94) Hexachlorobutadiene	15.017	225	59456	20.676	ug/l	97
95) Naphthalene	15.139	128	172250	18.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	85584	19.477	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0624SBSD01

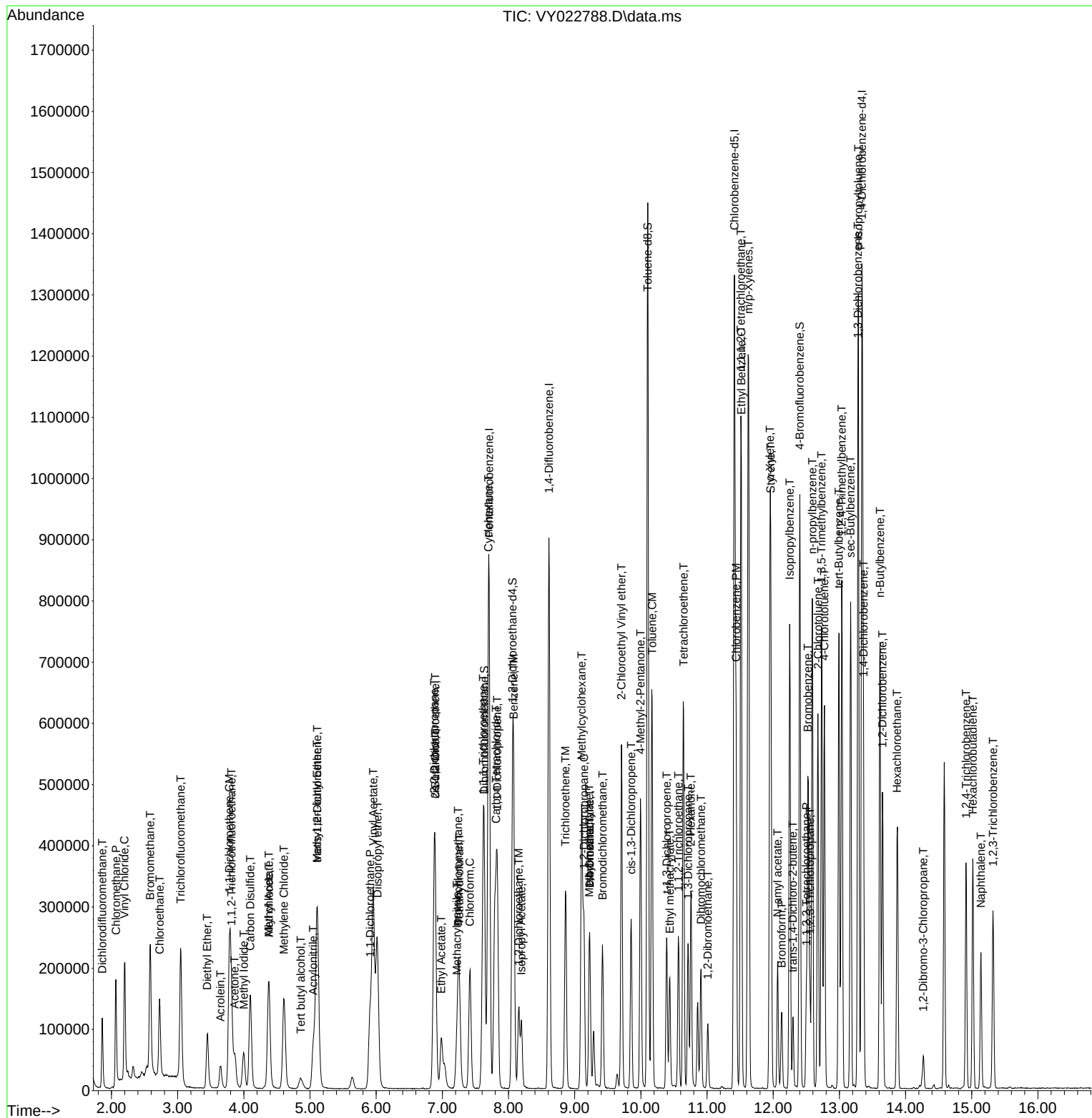
Quant Time: Jun 25 01:22:11 2025
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Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

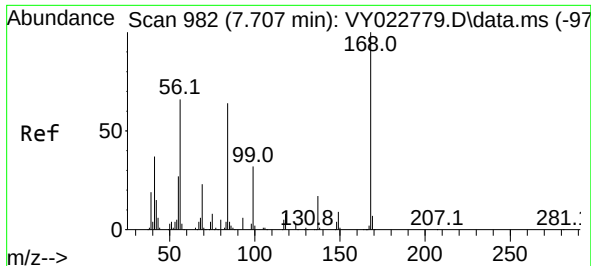
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

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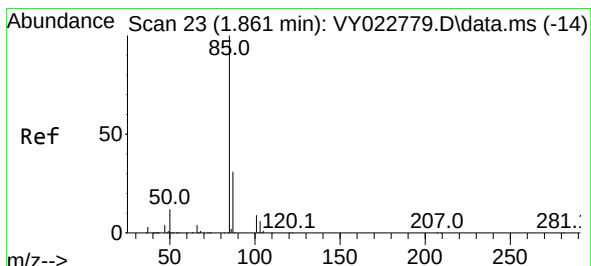
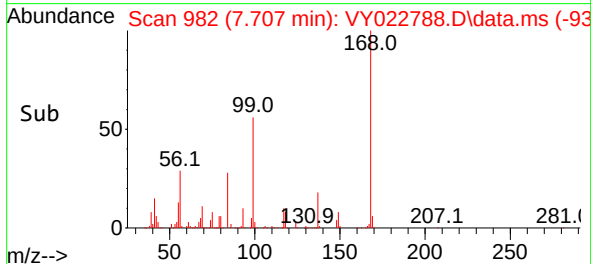
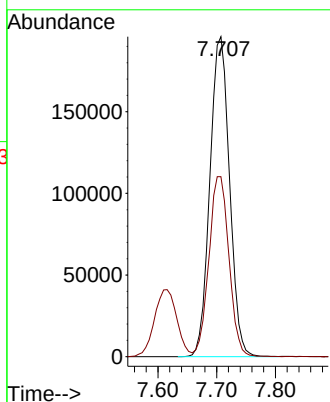
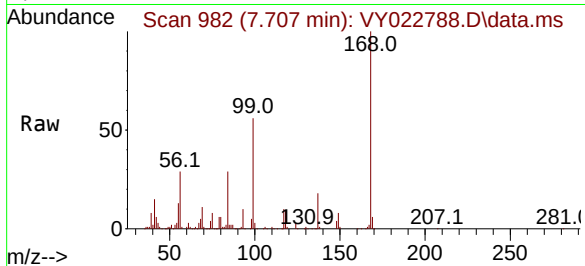




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022788.D
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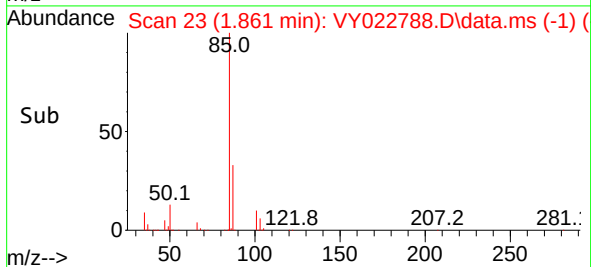
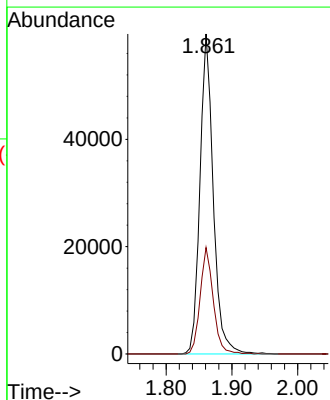
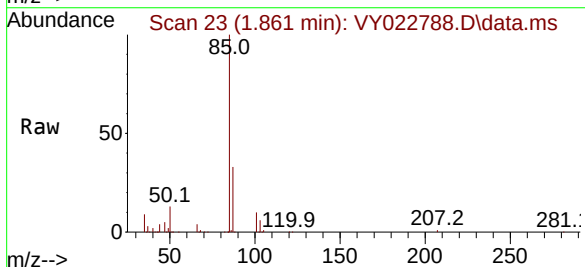
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

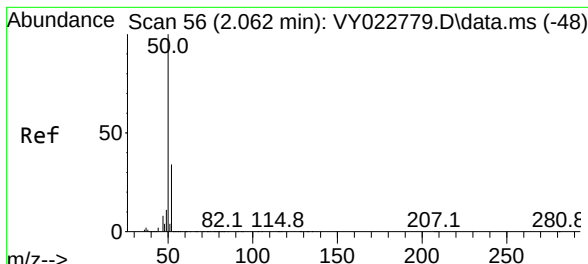
Tgt Ion:168 Resp: 454676
Ion Ratio Lower Upper
168 100
99 56.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.564 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 85 Resp: 83841
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

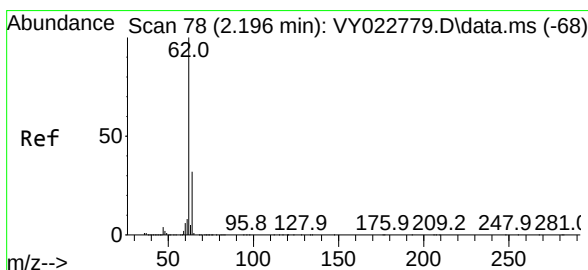
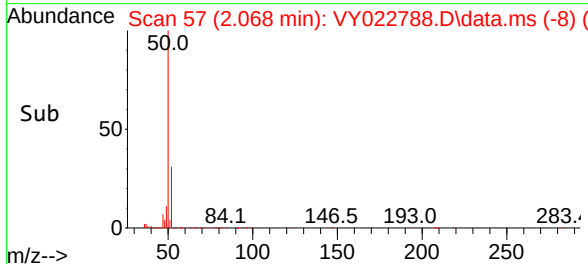
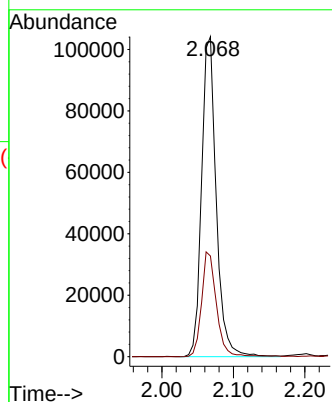
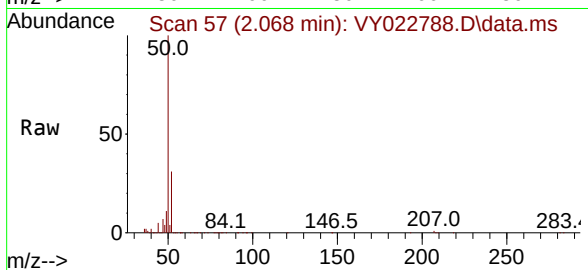




#3
 Chloromethane
 Concen: 19.937 ug/l
 RT: 2.068 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

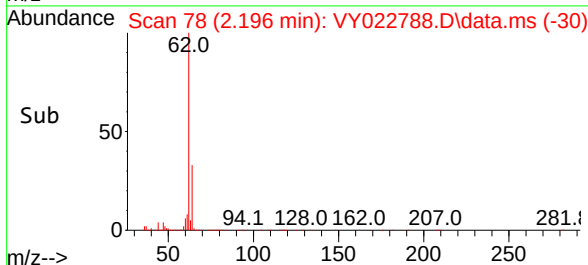
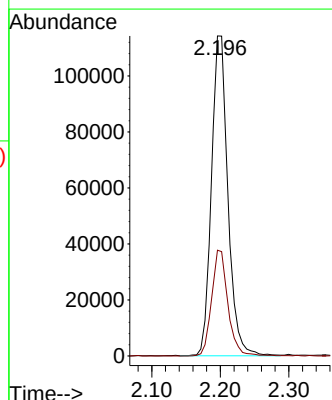
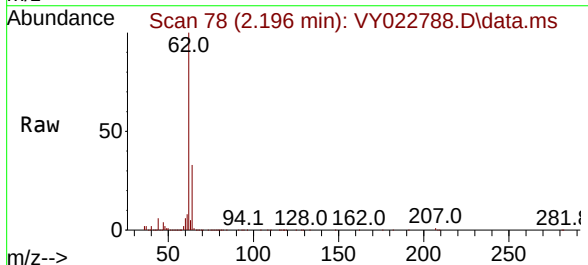
Instrument :
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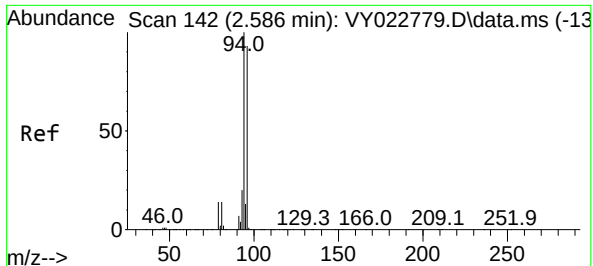
Tgt Ion:	50	Resp:	148016
Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.0	39.0



#4
 Vinyl Chloride
 Concen: 20.590 ug/l
 RT: 2.196 min Scan# 78
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Tgt Ion:	62	Resp:	190974
Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.3	37.9

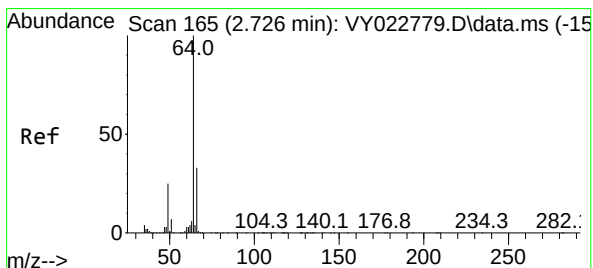
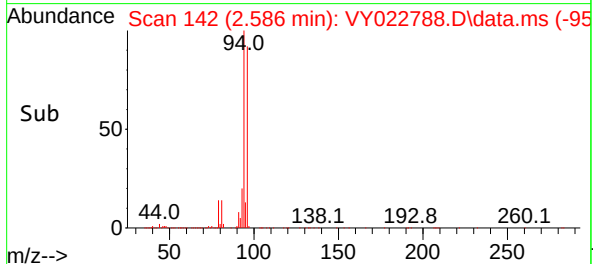
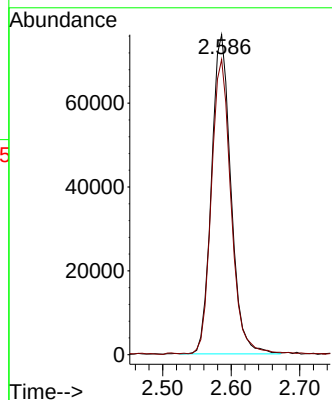
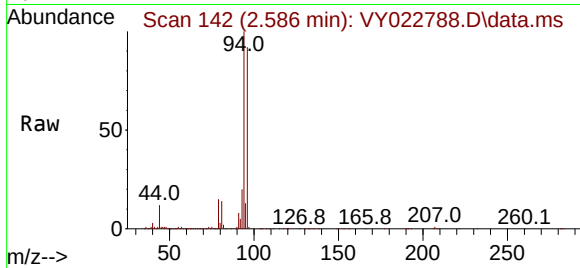




#5
Bromomethane
Concen: 20.560 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

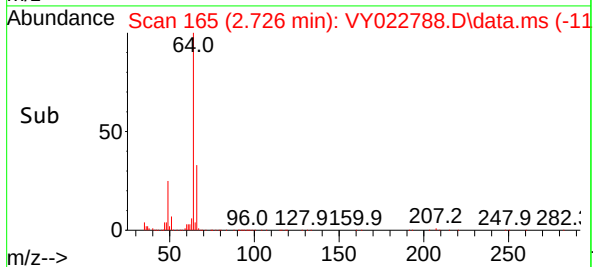
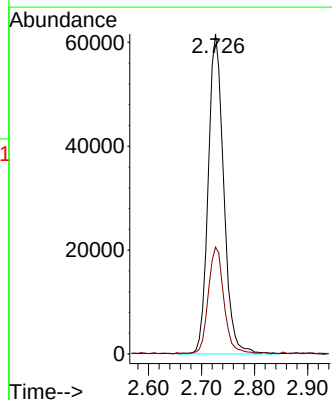
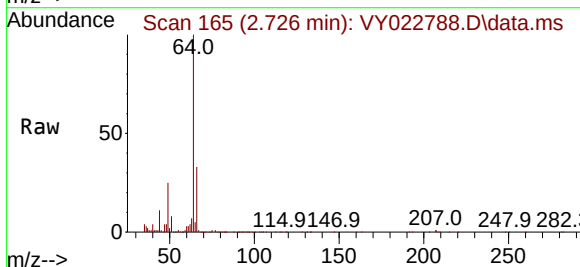
Instrument :
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ClientSampleId :
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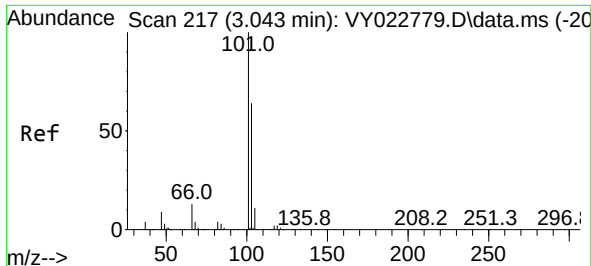
Tgt Ion: 94 Resp: 149920
Ion Ratio Lower Upper
94 100
96 92.1 74.0 111.0



#6
Chloroethane
Concen: 20.048 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 64 Resp: 124997
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.6

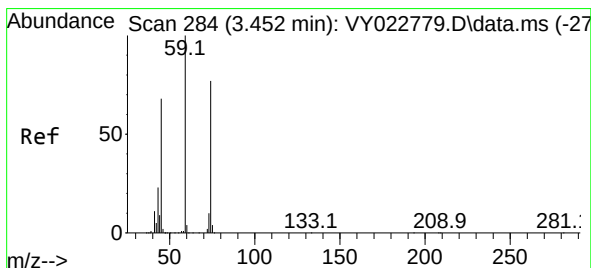
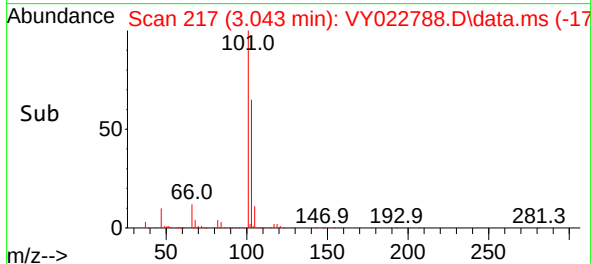
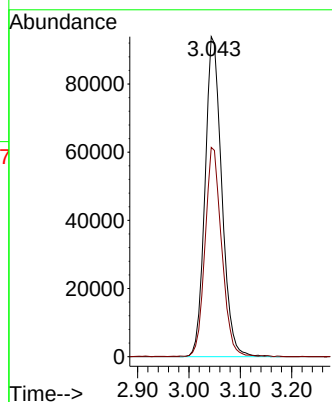
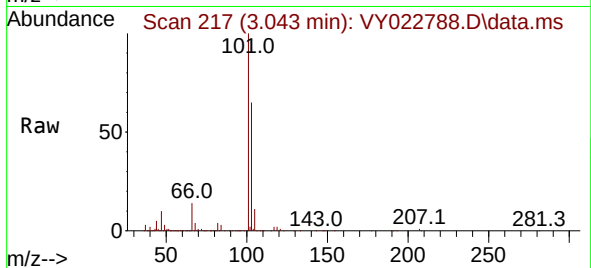




#7
 Trichlorofluoromethane
 Concen: 20.713 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. -0.012 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

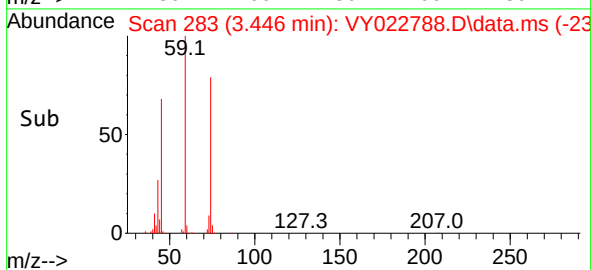
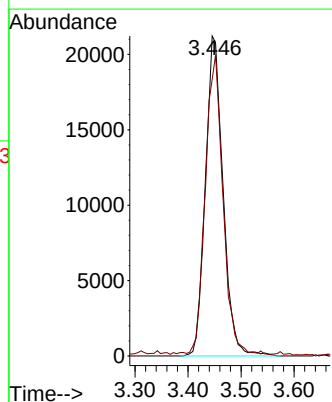
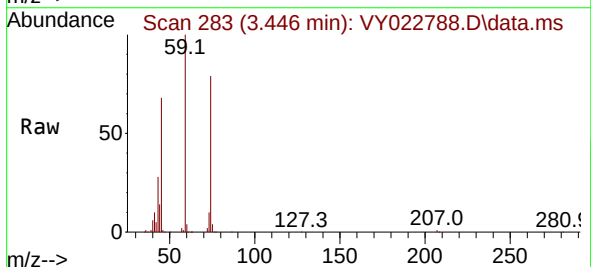
Instrument :
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 ClientSampleId :
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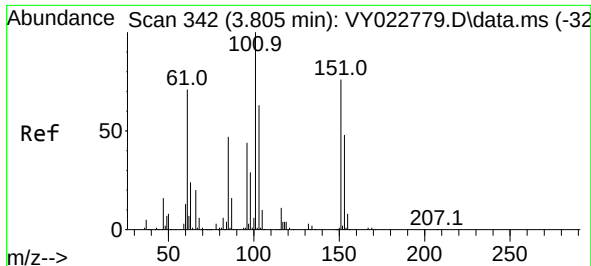
Tgt Ion:101 Resp: 212732
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 19.335 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.019 min
 Lab File: VY022788.D
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Tgt Ion: 74 Resp: 49045
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.9 137.6

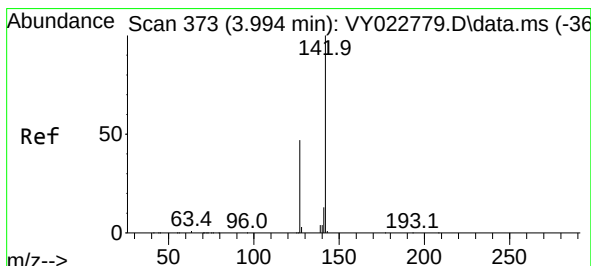
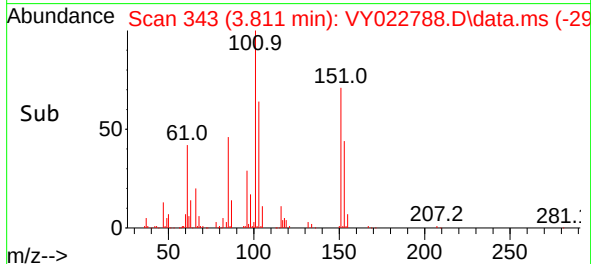
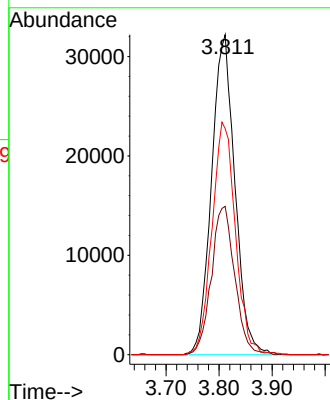
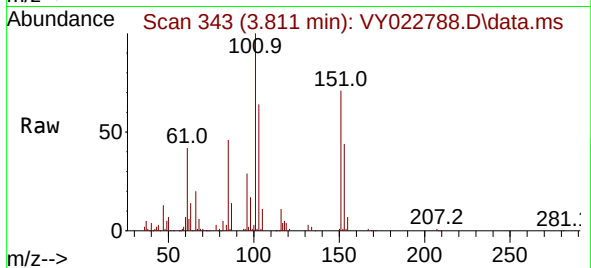




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.983 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

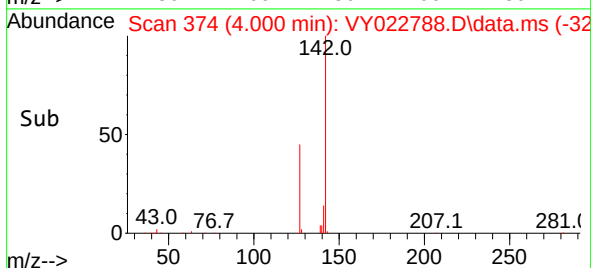
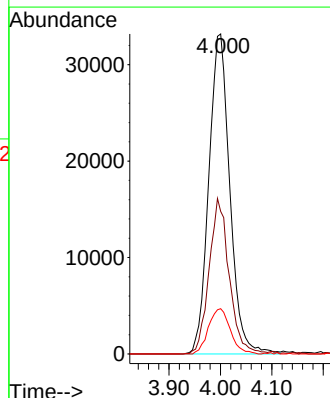
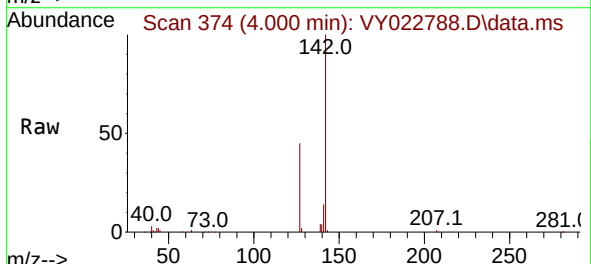
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

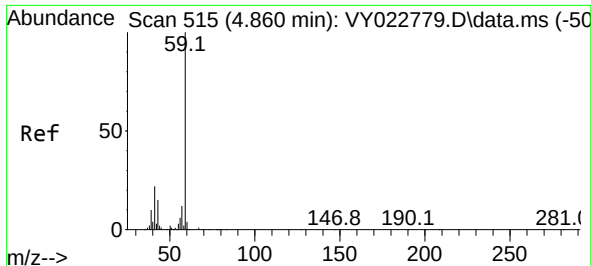
Tgt Ion:101 Resp: 98481
Ion Ratio Lower Upper
101 100
85 46.5 39.3 58.9
151 73.1 57.8 86.8



#10
Methyl Iodide
Concen: 18.441 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion:142 Resp: 94235
Ion Ratio Lower Upper
142 100
127 46.3 37.1 55.7
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 92.529 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.025 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

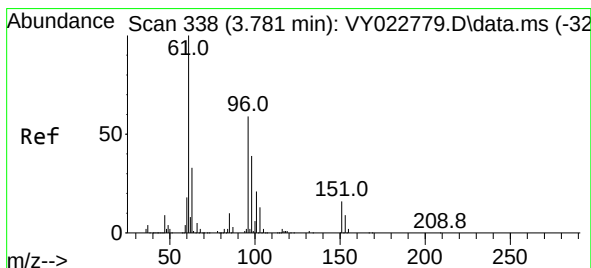
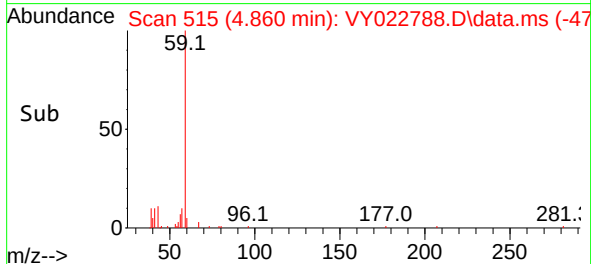
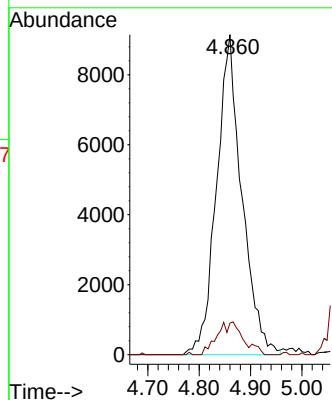
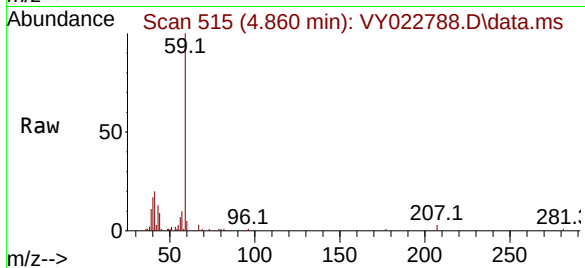
VY0624SBS01

Tgt Ion: 59 Resp: 31222

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 19.960 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.019 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

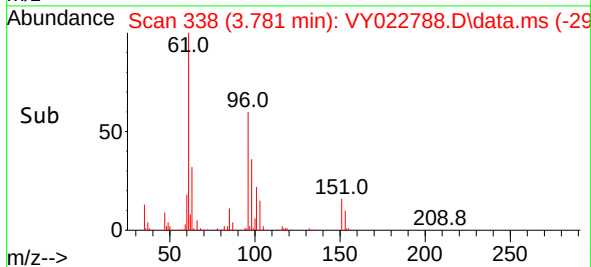
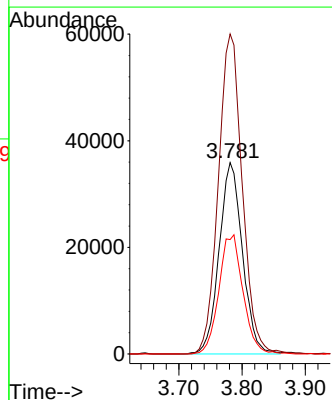
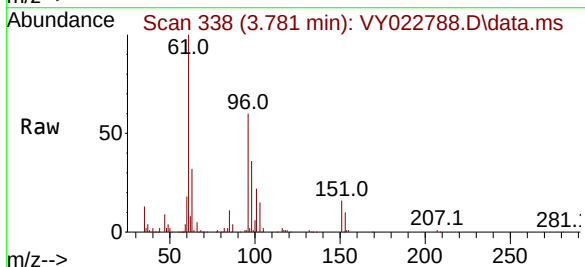
Tgt Ion: 96 Resp: 91858

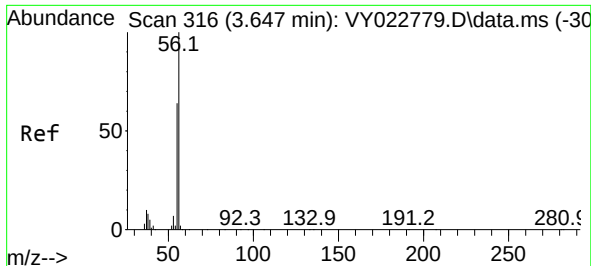
Ion Ratio Lower Upper

96 100

61 167.1 134.6 201.8

98 59.8 50.2 75.4

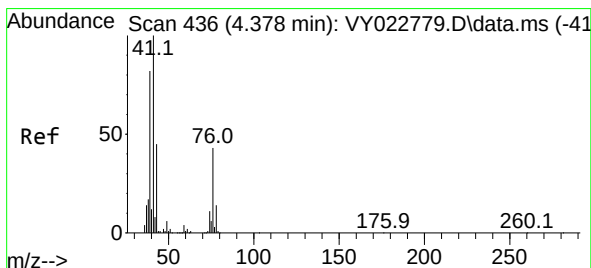
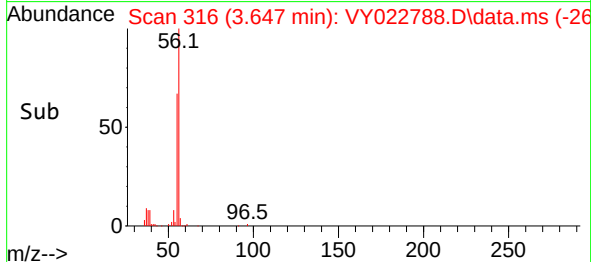
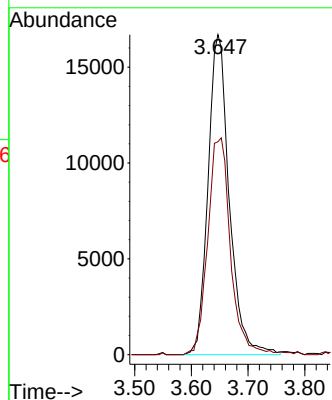
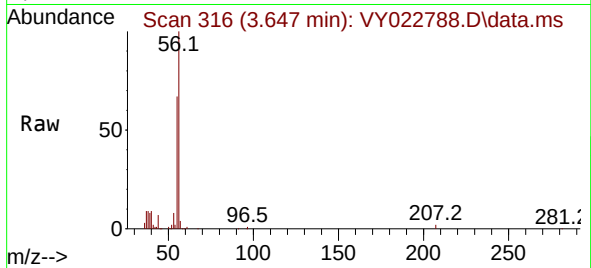




#13
Acrolein
Concen: 94.972 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

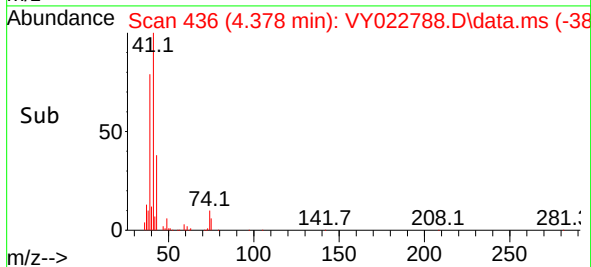
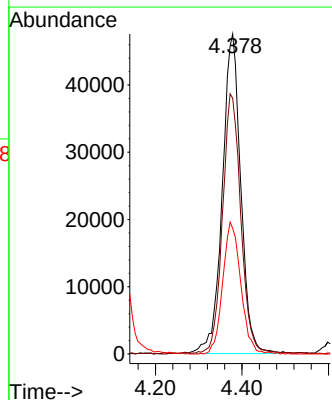
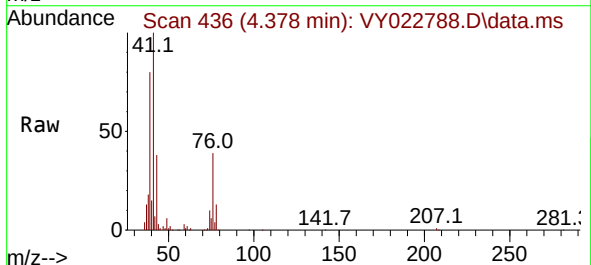
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

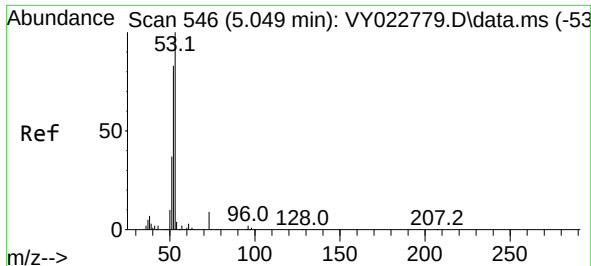
Tgt Ion: 56 Resp: 43455
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.6



#14
Allyl chloride
Concen: 19.890 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 41 Resp: 140797
Ion Ratio Lower Upper
41 100
39 80.6 69.1 103.7
76 40.6 33.5 50.3

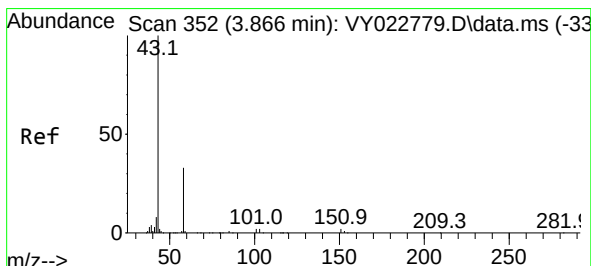
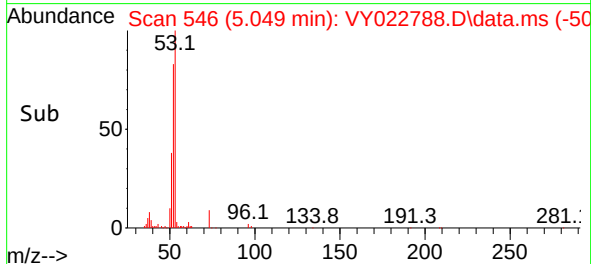
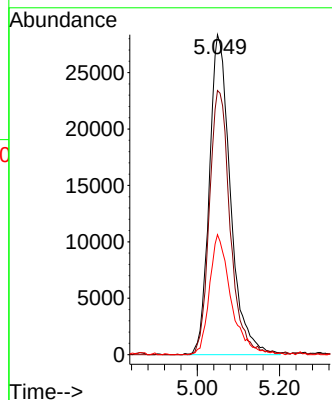
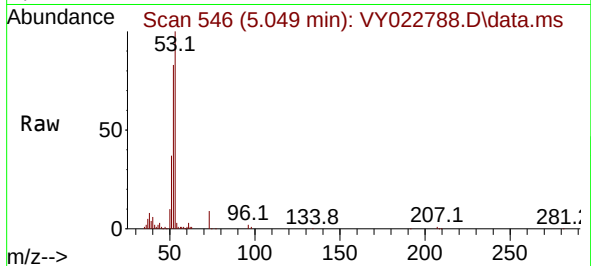




#15
Acrylonitrile
Concen: 95.519 ug/l
RT: 5.049 min Scan# 546
Delta R.T. -0.019 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

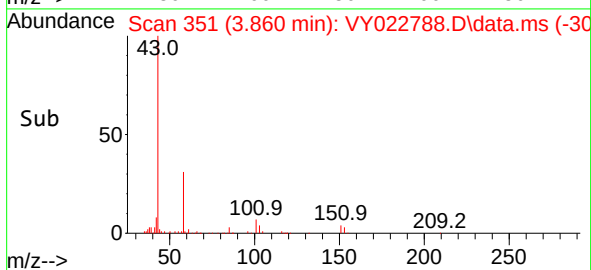
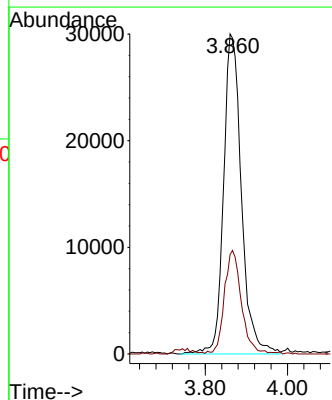
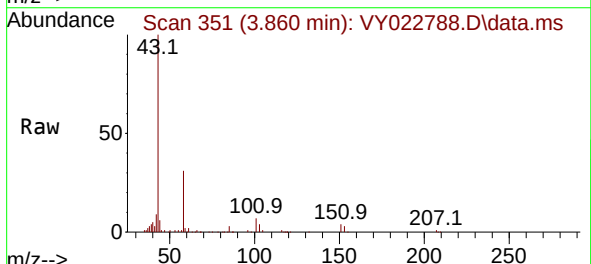
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

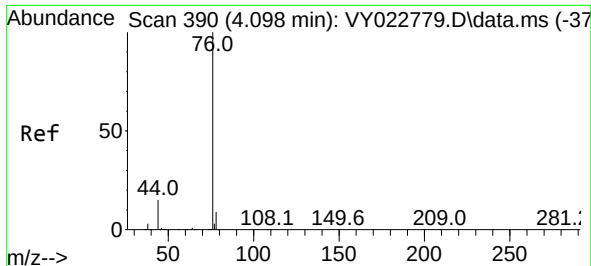
Tgt Ion: 53 Resp: 101092
Ion Ratio Lower Upper
53 100
52 81.3 65.7 98.5
51 38.3 30.1 45.1



#16
Acetone
Concen: 94.167 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 43 Resp: 90320
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0

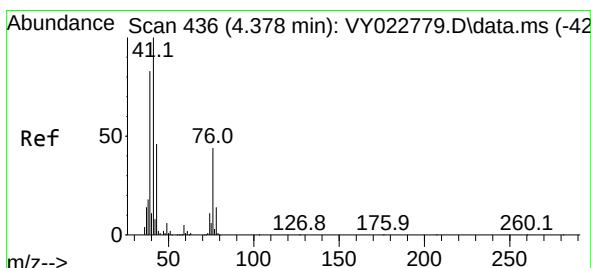
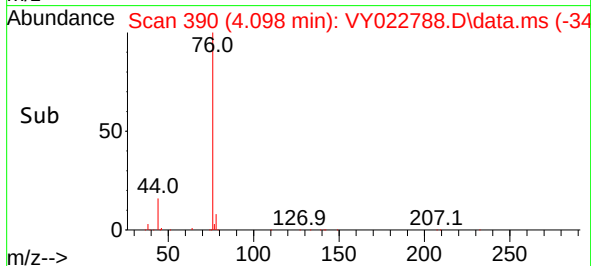
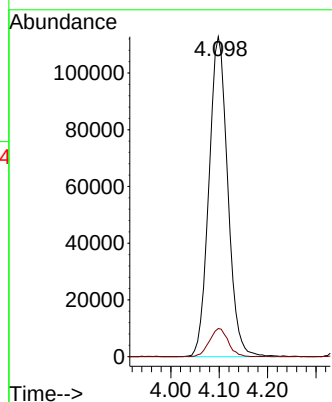
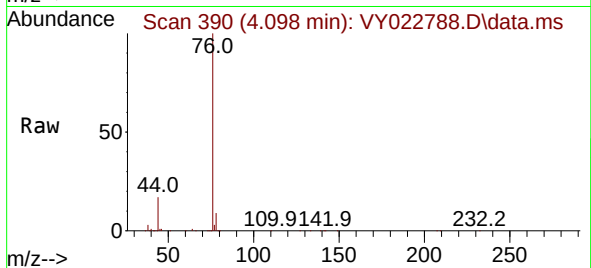




#17
Carbon Disulfide
Concen: 20.508 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

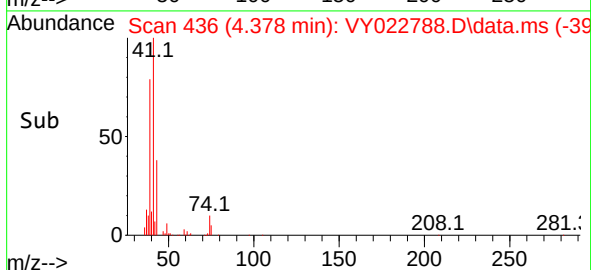
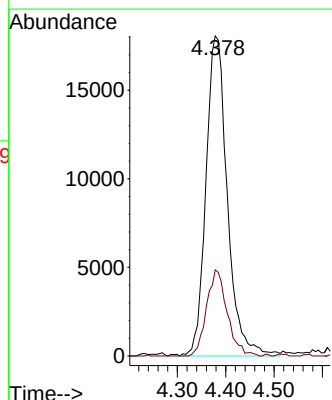
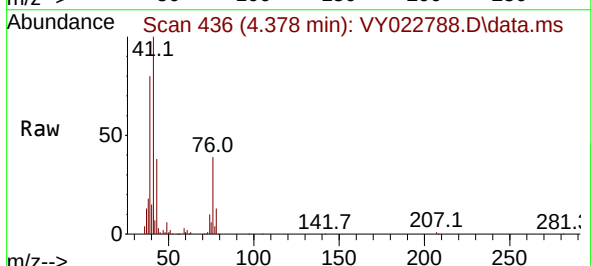
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

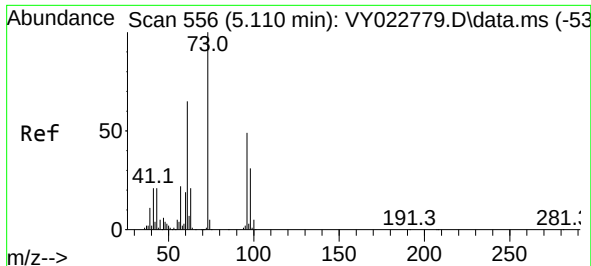
Tgt Ion: 76 Resp: 304896
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 17.471 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.019 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 43 Resp: 55496
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6

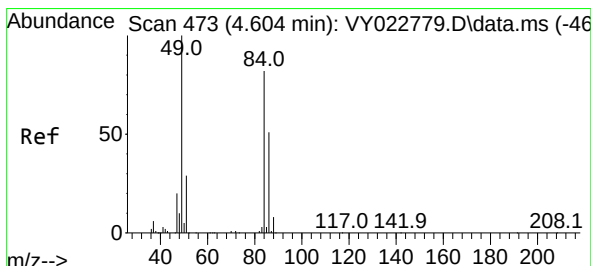
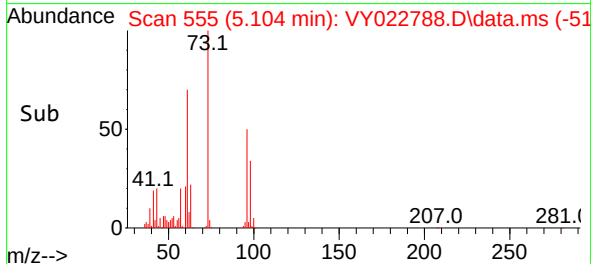
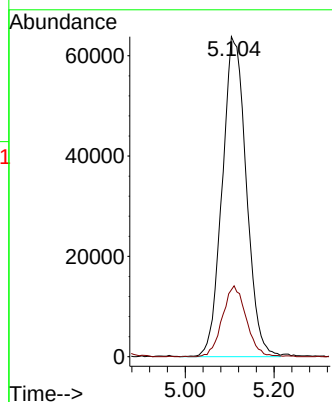
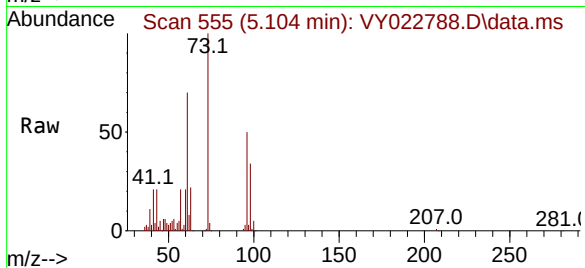




#19
Methyl tert-butyl Ether
Concen: 19.087 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

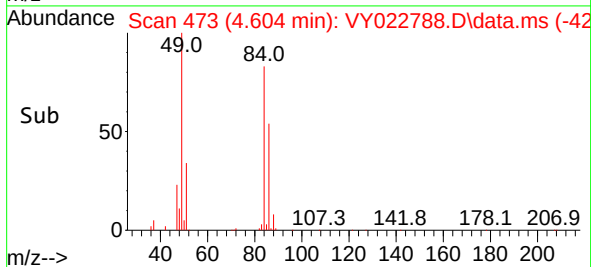
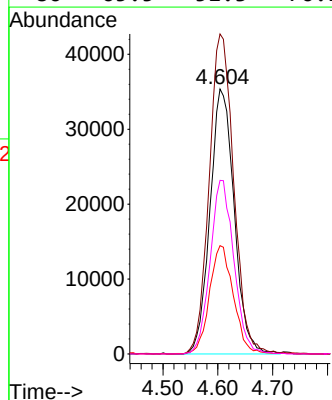
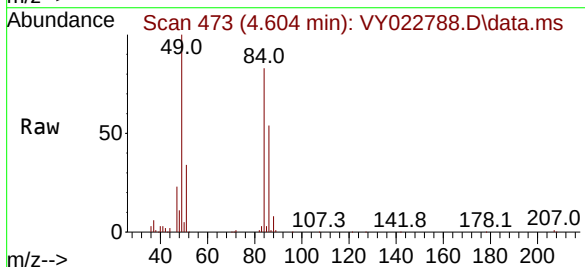
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

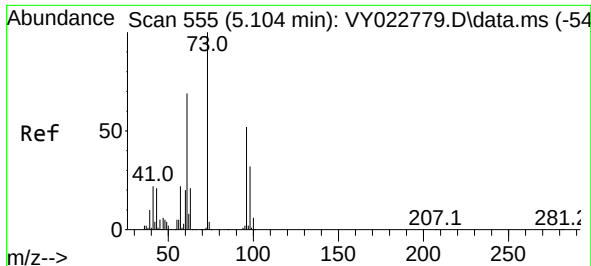
Tgt Ion: 73 Resp: 239186
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 17.913 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.019 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 84 Resp: 108504
Ion Ratio Lower Upper
84 100
49 120.8 101.9 152.9
51 40.7 29.8 44.8
86 65.5 51.3 76.9

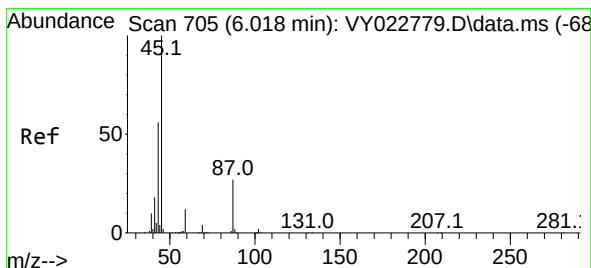
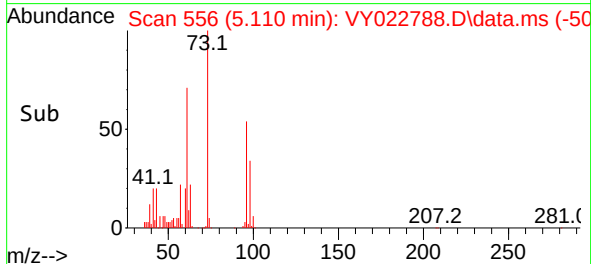
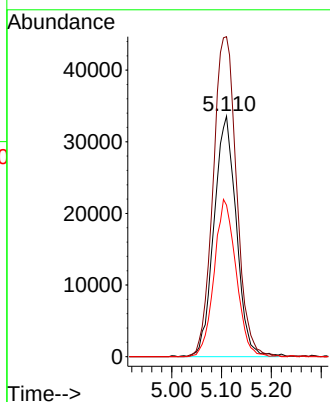
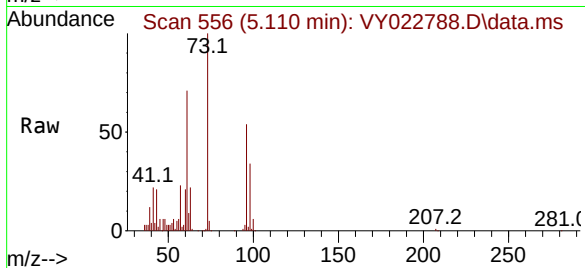




#21
trans-1,2-Dichloroethene
Concen: 19.842 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

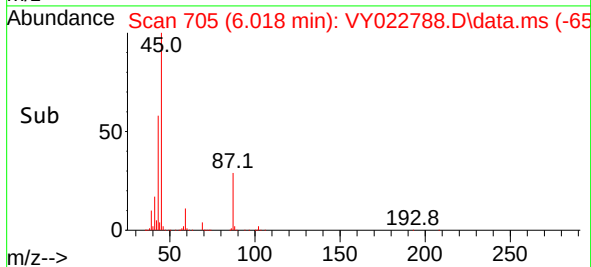
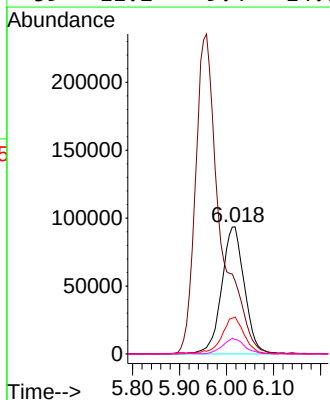
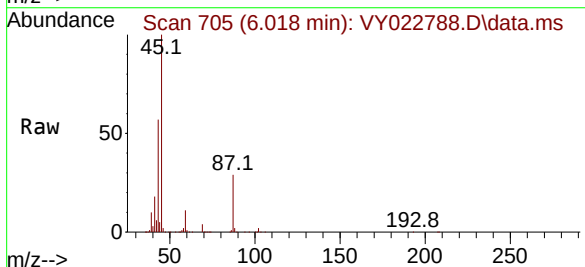
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

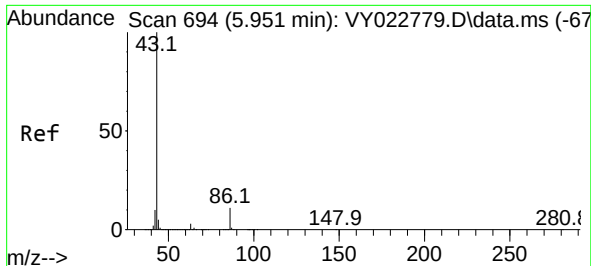
Tgt Ion: 96 Resp: 104363
Ion Ratio Lower Upper
96 100
61 133.1 112.6 169.0
98 63.0 50.6 75.8



#22
Diisopropyl ether
Concen: 19.999 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 45 Resp: 314393
Ion Ratio Lower Upper
45 100
43 56.7 48.3 72.5
87 28.8 23.0 34.6
59 11.2 9.4 14.0

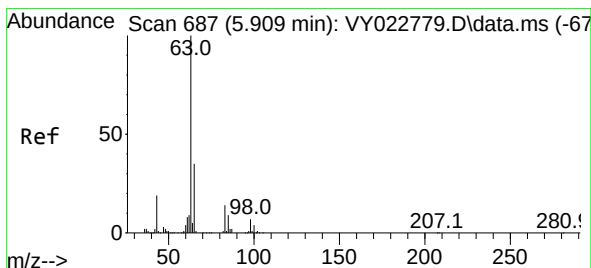
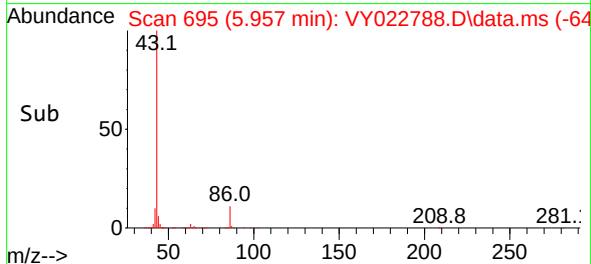
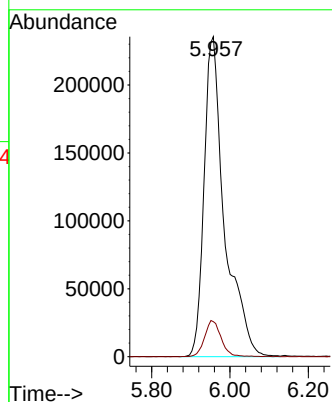
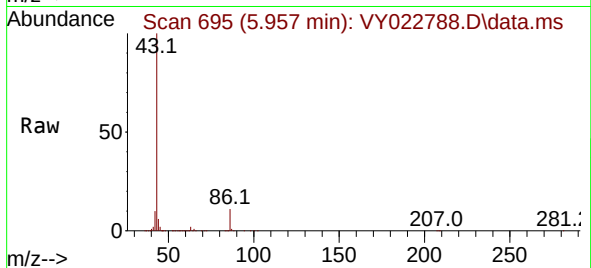




#23
 Vinyl Acetate
 Concen: 98.416 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

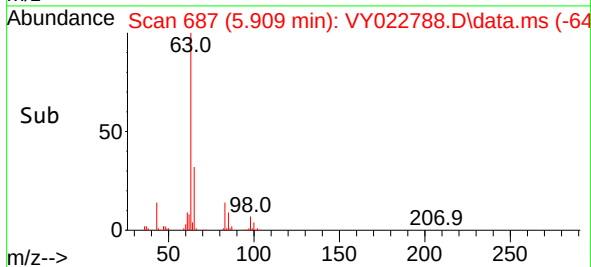
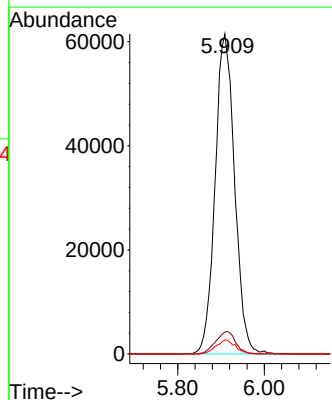
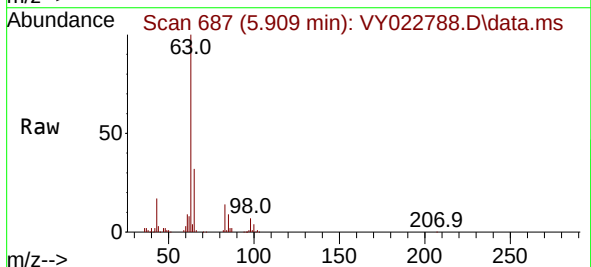
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBSD01

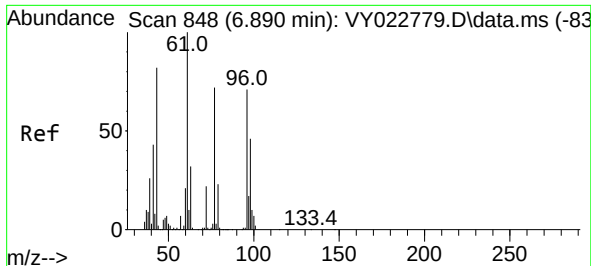
Tgt Ion: 43 Resp: 854467
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.261 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Tgt Ion: 63 Resp: 192393
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.4 2.1 6.3

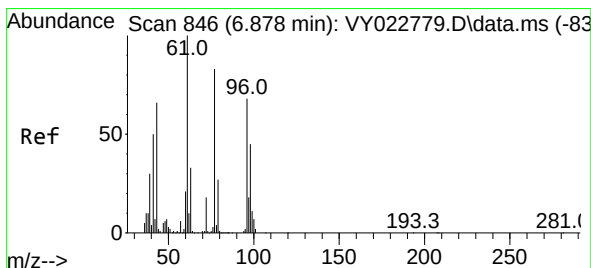
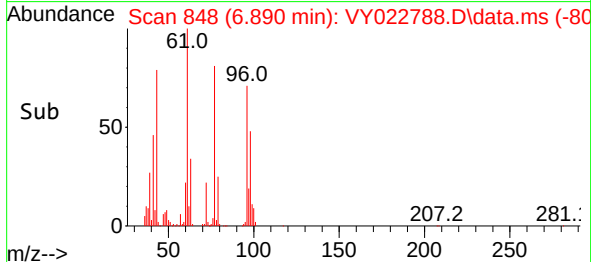
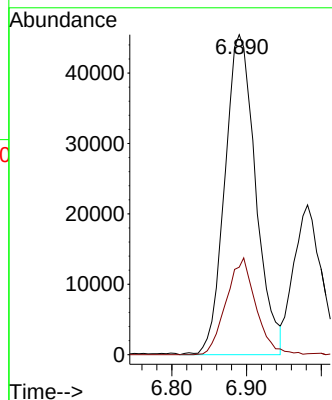
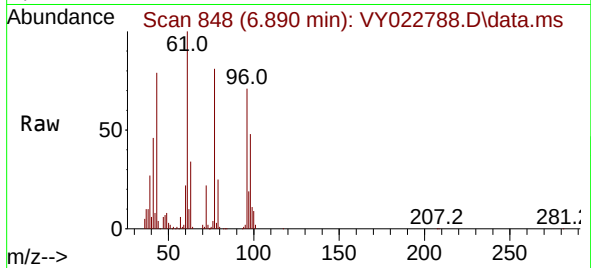




#25
2-Butanone
Concen: 93.588 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

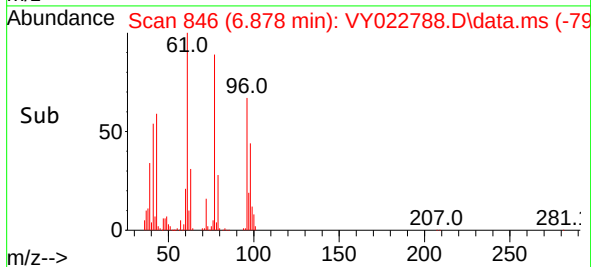
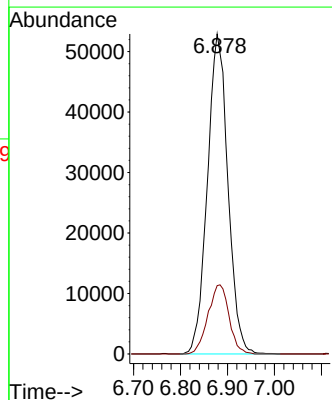
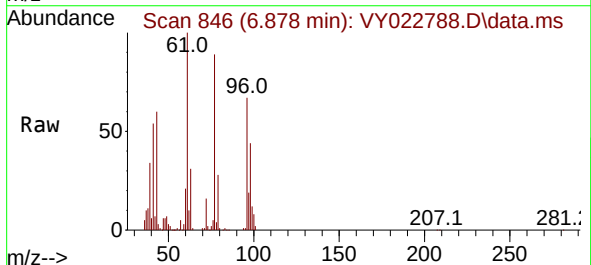
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

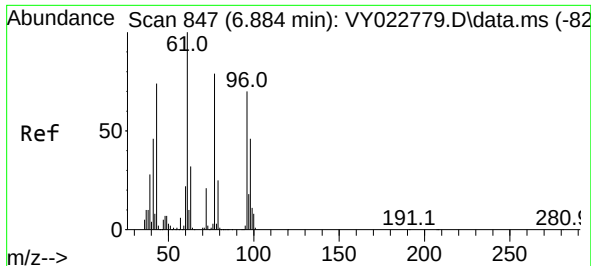
Tgt Ion: 43 Resp: 130645
Ion Ratio Lower Upper
43 100
72 27.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.142 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 77 Resp: 160327
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2



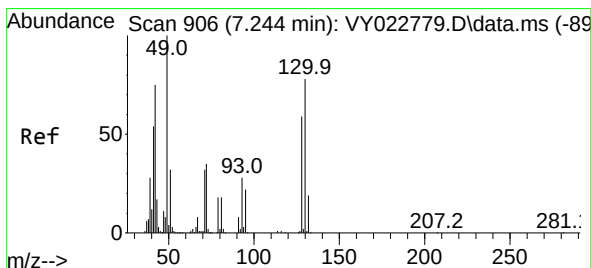
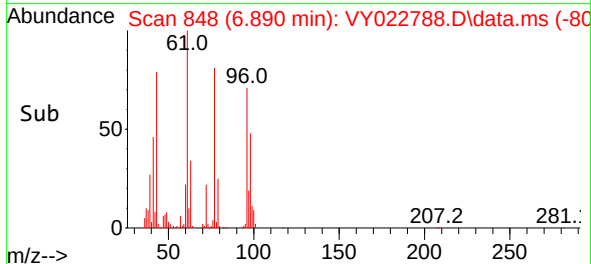
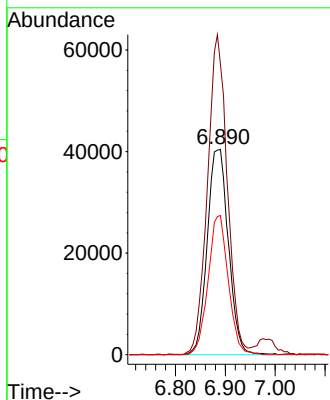
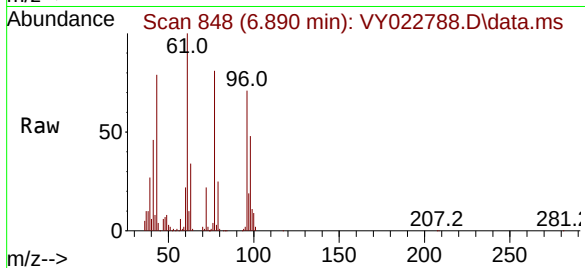


#27
 cis-1,2-Dichloroethene
 Concen: 19.513 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBSD01

Tgt Ion: 96 Resp: 119261

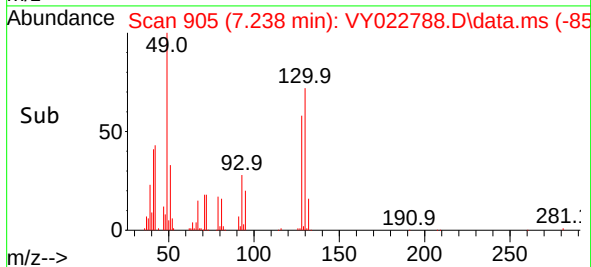
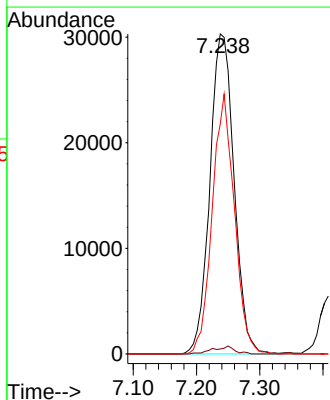
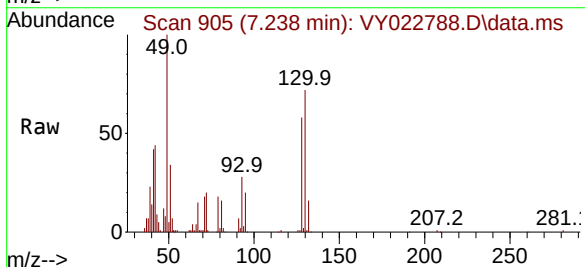
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	290.0
98	64.6	0.0	128.4

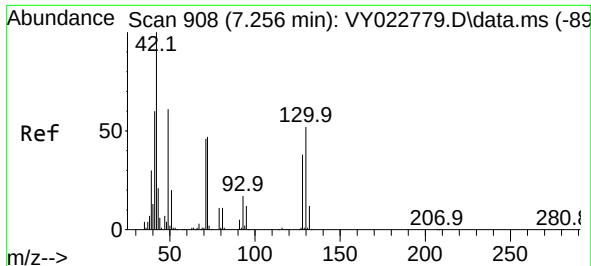


#28
 Bromochloromethane
 Concen: 20.169 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Tgt Ion: 49 Resp: 80516

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	74.4	55.7	83.5





#29

Tetrahydrofuran

Concen: 92.199 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

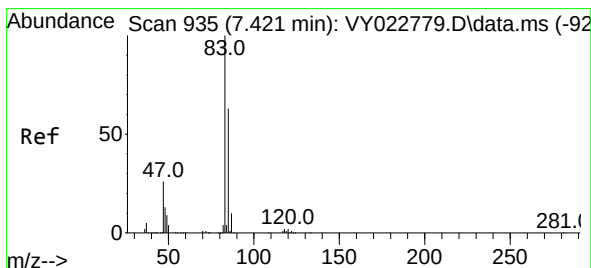
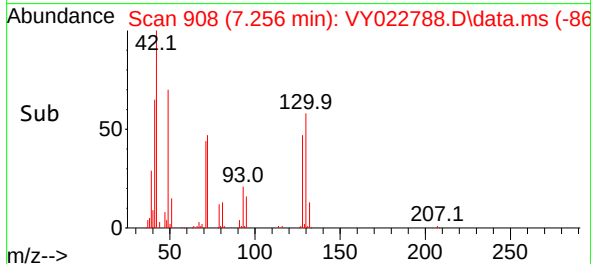
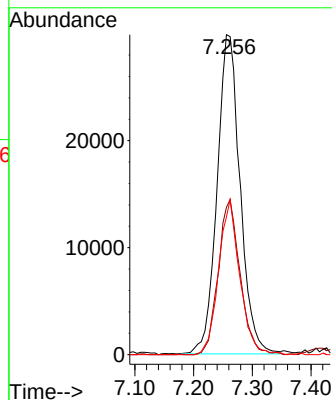
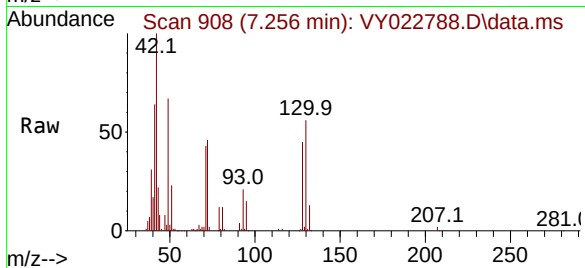
Tgt Ion: 42 Resp: 81271

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.2

71 44.6 34.2 51.2



#30

Chloroform

Concen: 19.707 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022788.D

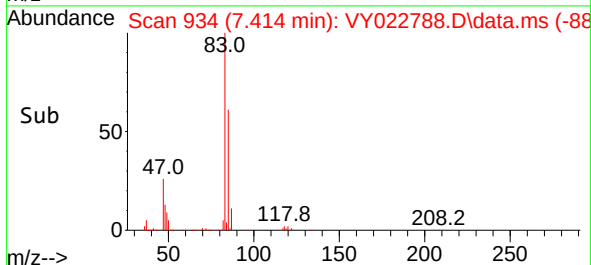
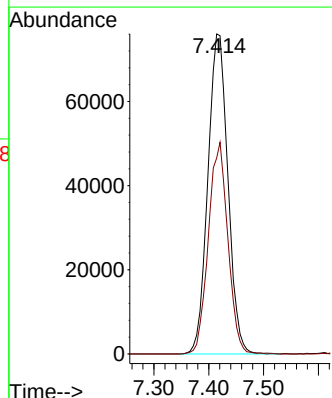
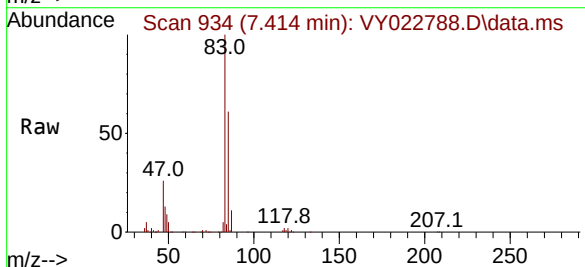
Acq: 24 Jun 2025 11:21

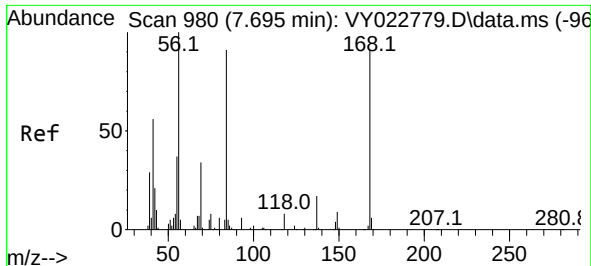
Tgt Ion: 83 Resp: 192735

Ion Ratio Lower Upper

83 100

85 61.3 54.2 81.4

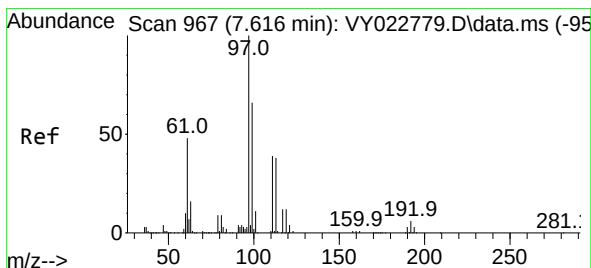
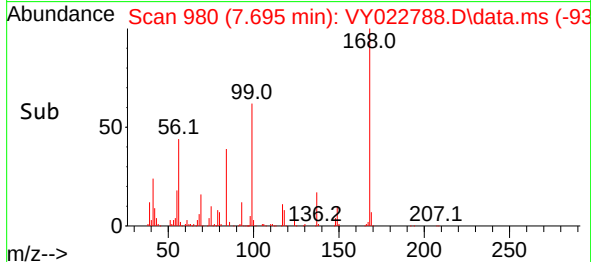
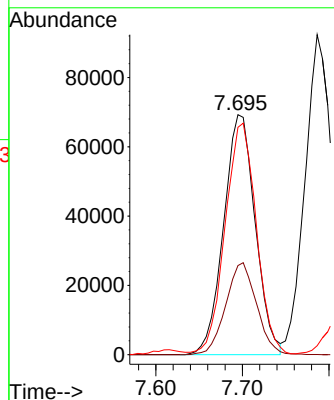
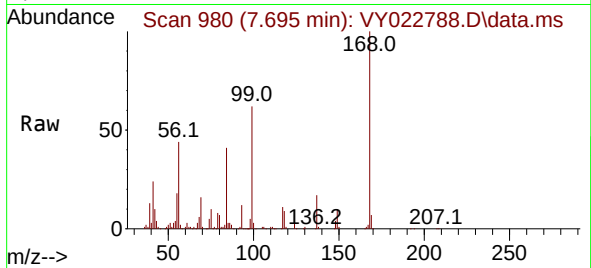




#31
Cyclohexane
Concen: 20.177 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

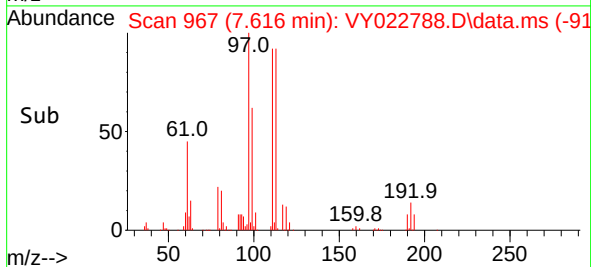
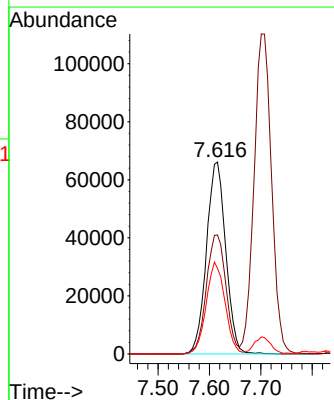
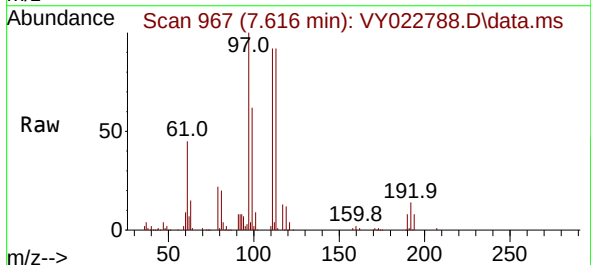
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

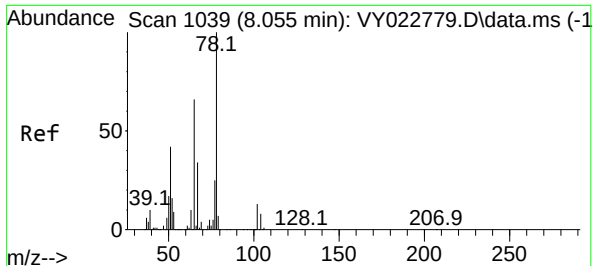
Tgt Ion: 56 Resp: 175872
Ion Ratio Lower Upper
56 100
69 37.1 27.0 40.6
84 93.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.358 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 97 Resp: 172060
Ion Ratio Lower Upper
97 100
99 63.4 50.9 76.3
61 46.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.568 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

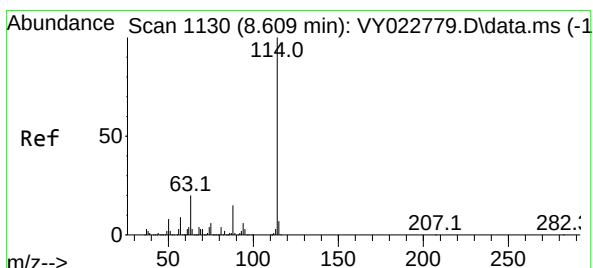
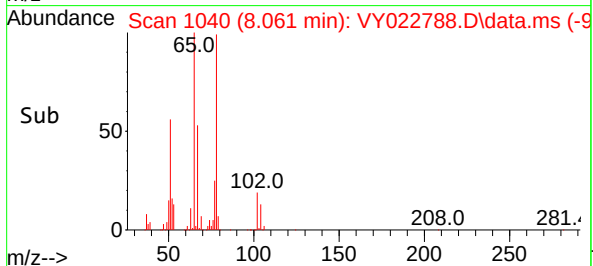
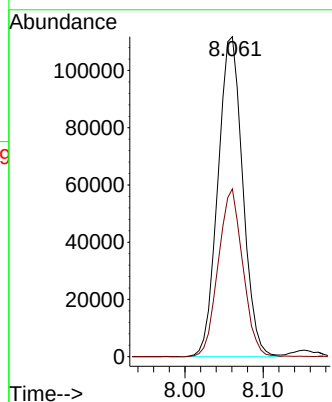
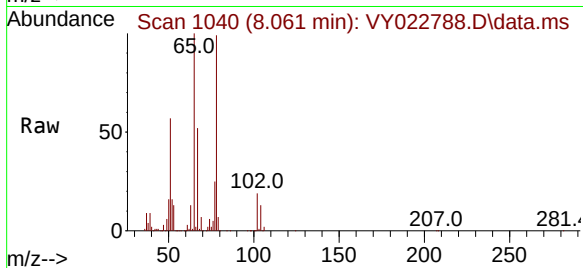
VY0624SBS01

Tgt Ion: 65 Resp: 246467

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

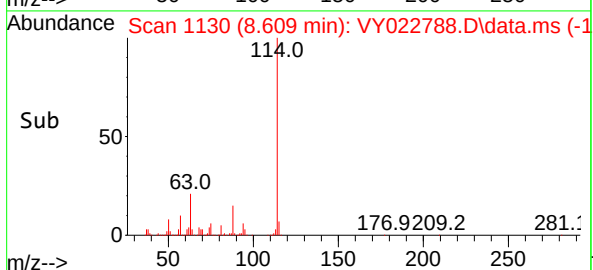
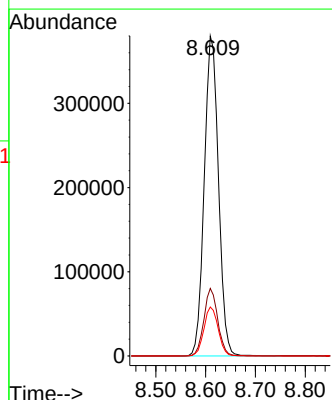
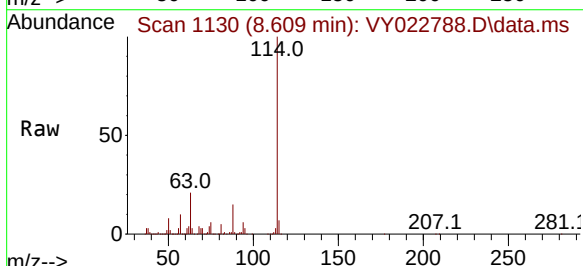
Tgt Ion: 114 Resp: 751533

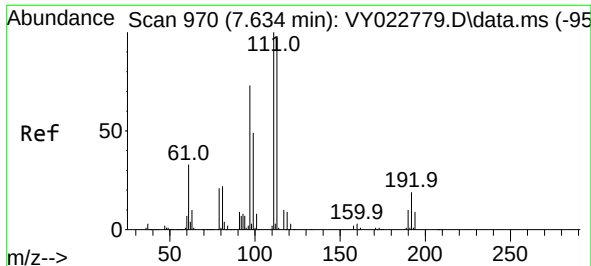
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 15.3 0.0 27.8

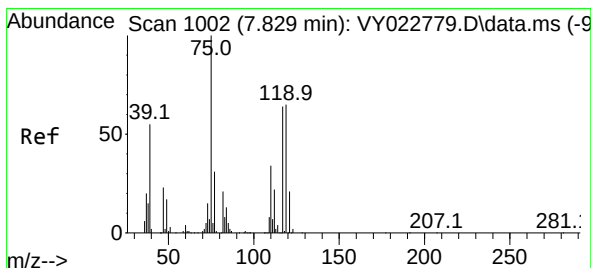
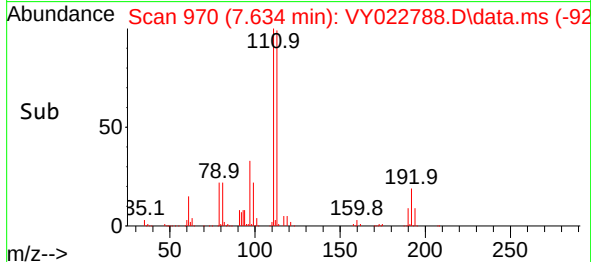
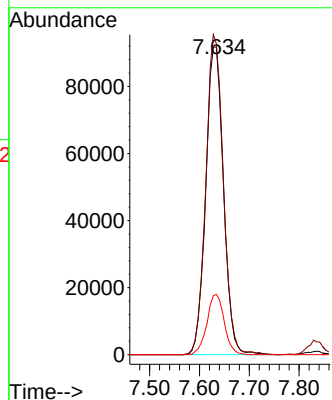
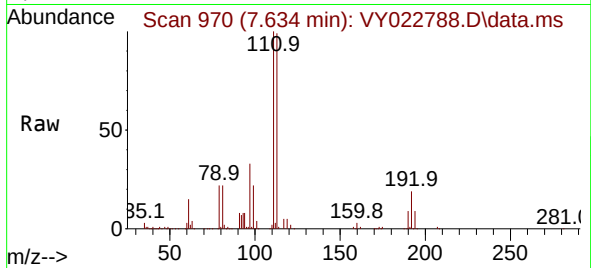




#35
Dibromofluoromethane
Concen: 49.674 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

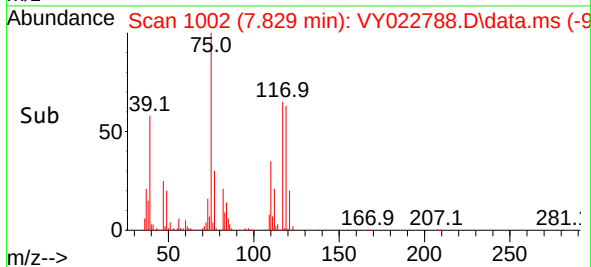
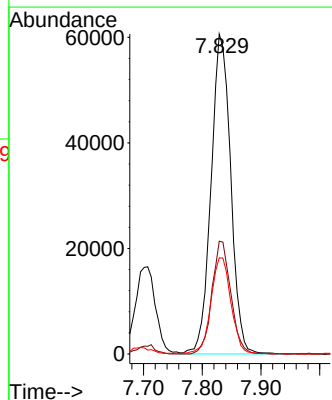
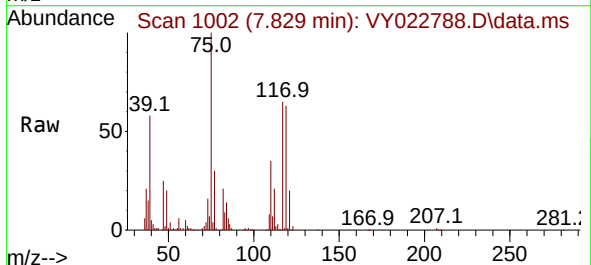
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

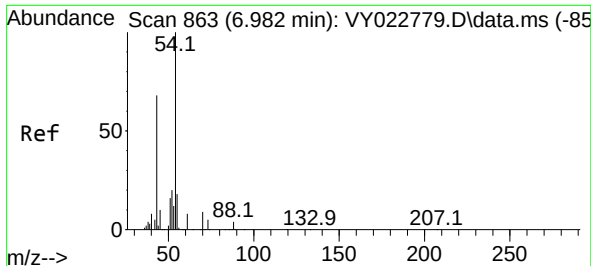
Tgt Ion:113 Resp: 227031
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.331 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 75 Resp: 140846
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 18.921 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

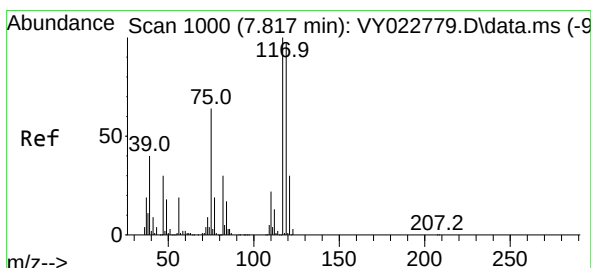
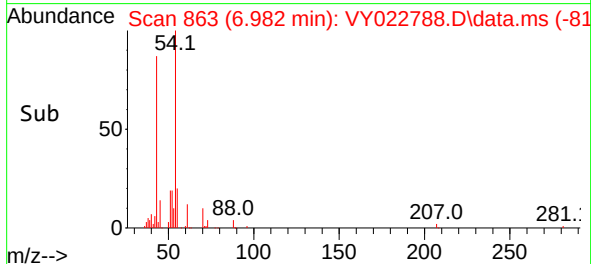
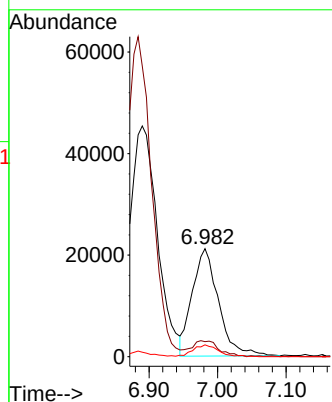
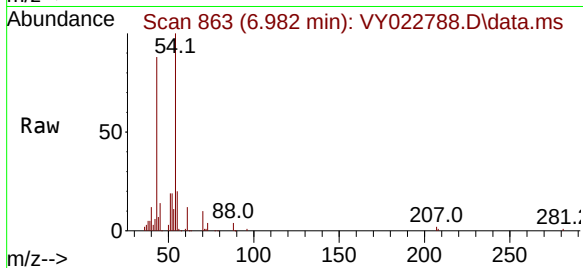
Tgt Ion: 43 Resp: 56563

Ion Ratio Lower Upper

43 100

61 15.1 11.5 17.3

70 10.6 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.563 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

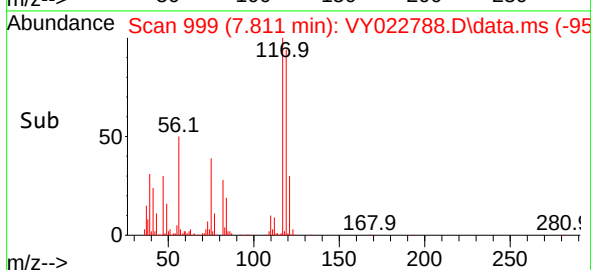
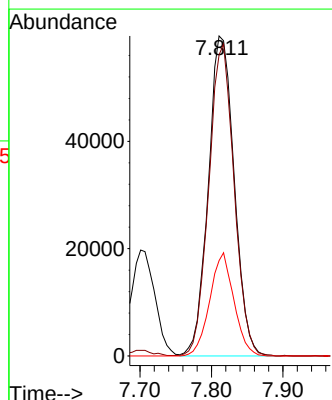
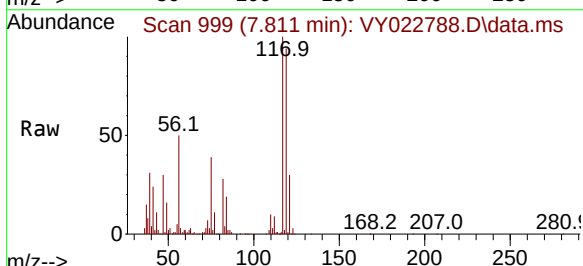
Tgt Ion: 117 Resp: 150312

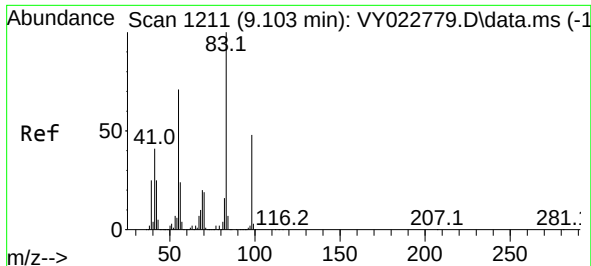
Ion Ratio Lower Upper

117 100

119 94.1 75.0 112.6

121 29.8 25.0 37.4





#39

Methylcyclohexane

Concen: 20.342 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBSD01

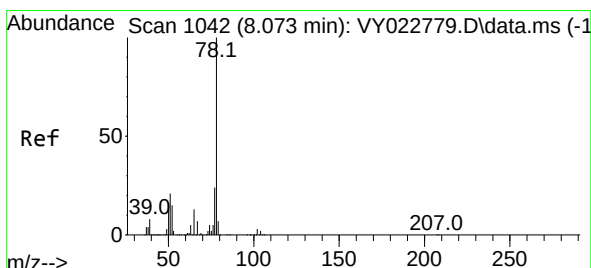
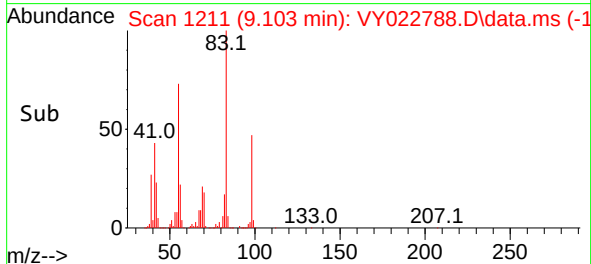
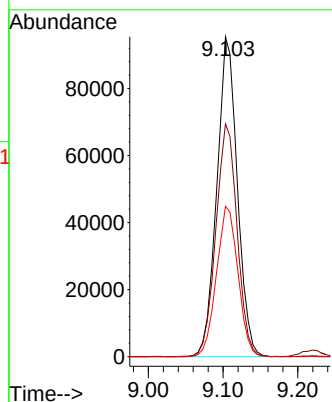
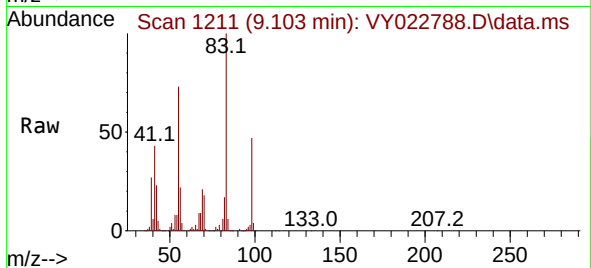
Tgt Ion: 83 Resp: 182366

Ion Ratio Lower Upper

83 100

55 72.7 58.1 87.1

98 47.0 39.0 58.6



#40

Benzene

Concen: 20.154 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022788.D

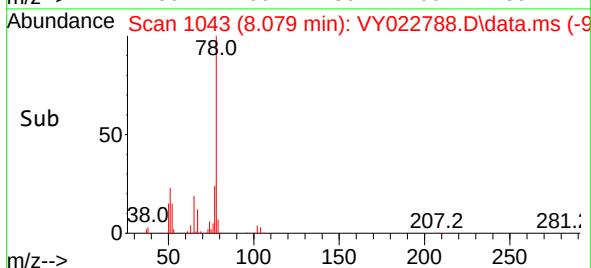
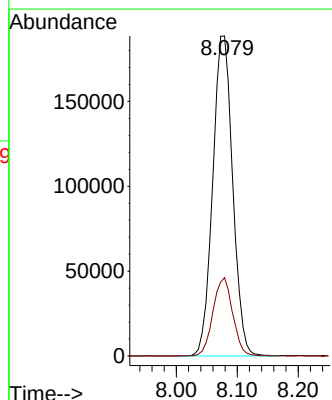
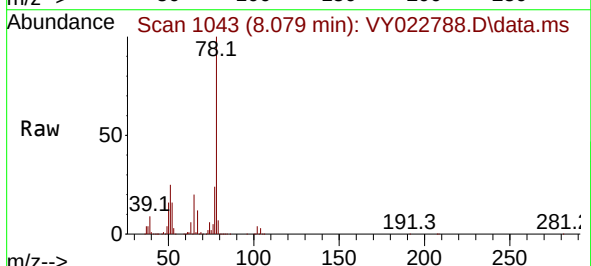
Acq: 24 Jun 2025 11:21

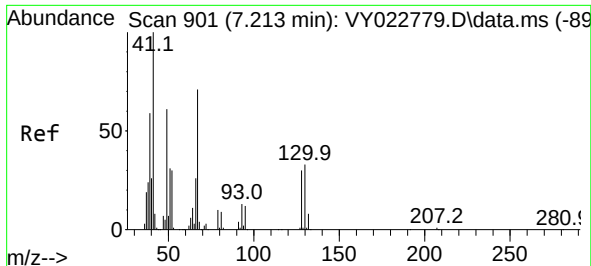
Tgt Ion: 78 Resp: 429271

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

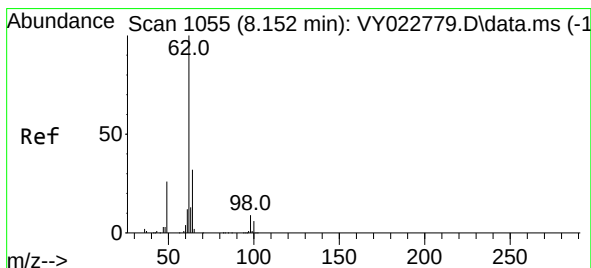
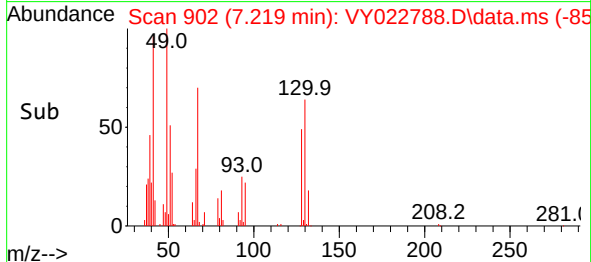
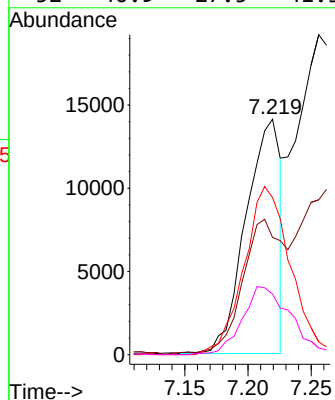
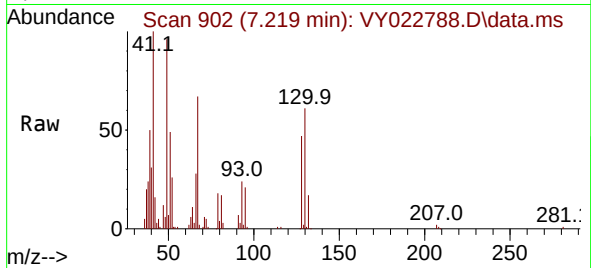




#41
Methacrylonitrile
Concen: 14.623 ug/l
RT: 7.219 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

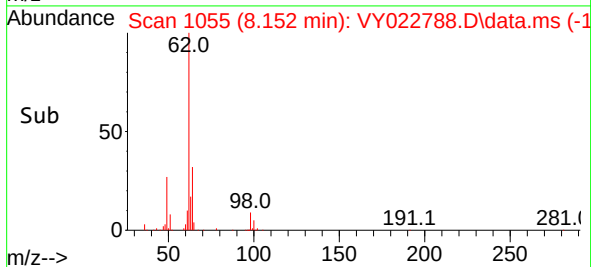
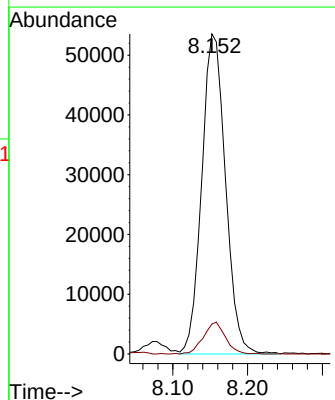
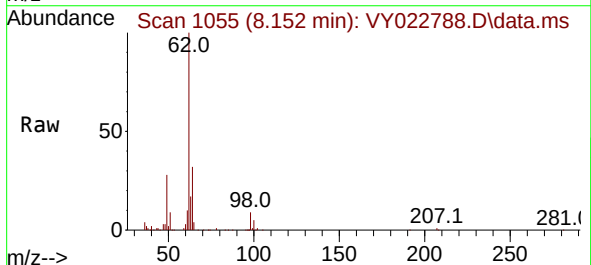
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

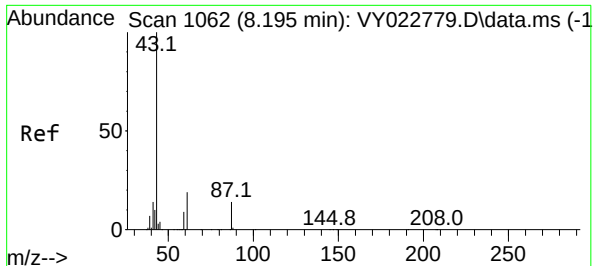
Tgt Ion: 41 Resp: 26911
Ion Ratio Lower Upper
41 100
39 70.1 46.6 69.8#
67 96.1 63.3 94.9#
52 40.9 27.5 41.3



#42
1,2-Dichloroethane
Concen: 20.253 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 62 Resp: 118209
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2

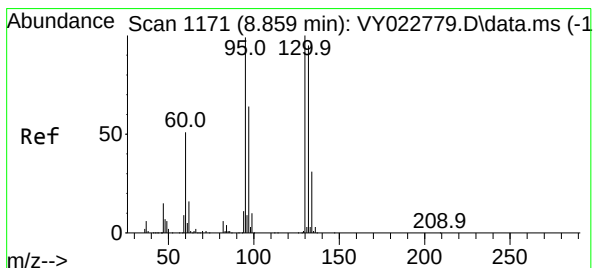
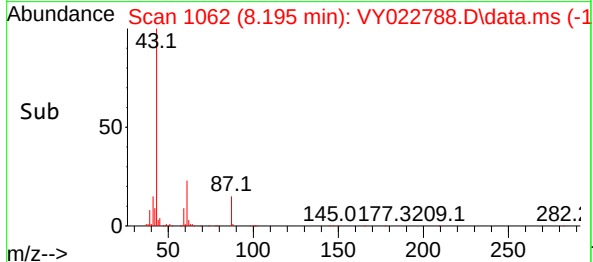
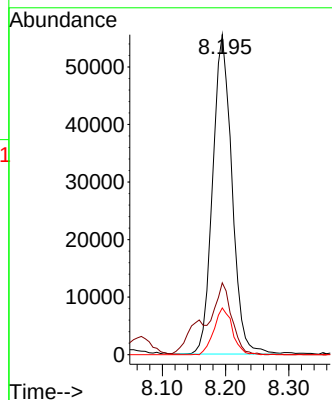
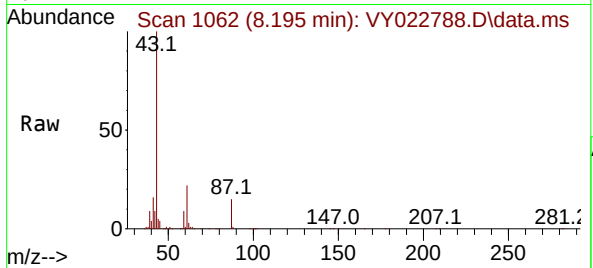




#43
Isopropyl Acetate
Concen: 18.851 ug/l
RT: 8.195 min Scan# 117125
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

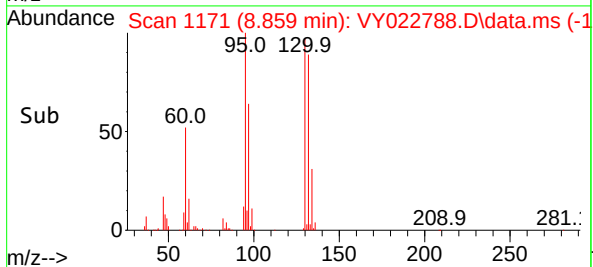
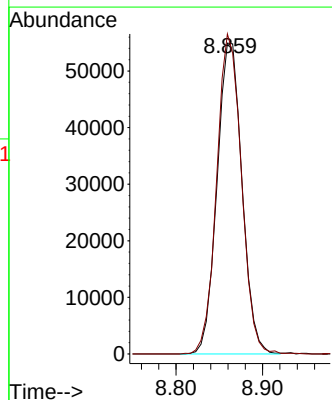
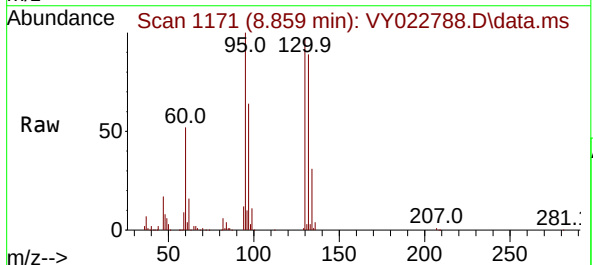
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

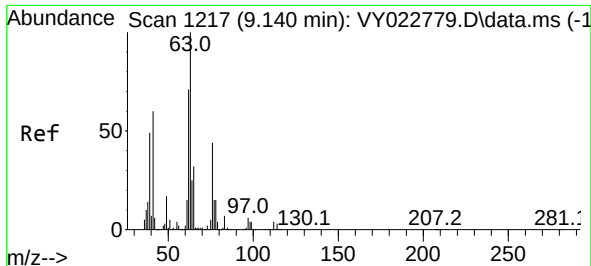
Tgt Ion: 43 Resp: 117125
Ion Ratio Lower Upper
43 100
61 20.6 15.6 23.4
87 14.0 10.2 15.4



#44
Trichloroethene
Concen: 20.606 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion:130 Resp: 110197
Ion Ratio Lower Upper
130 100
95 102.9 0.0 203.0

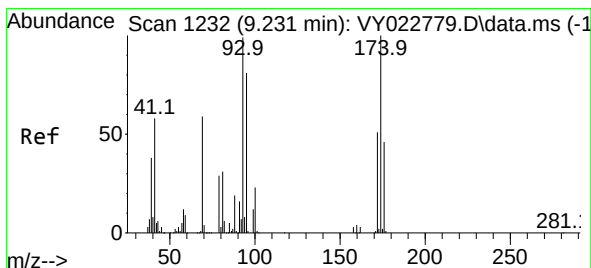
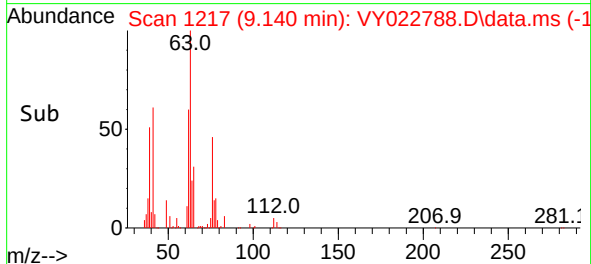
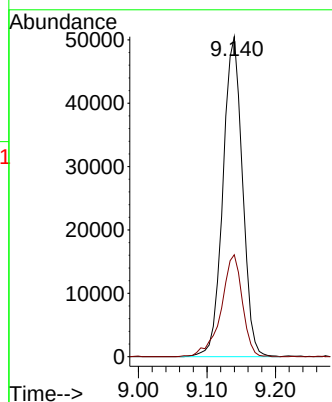
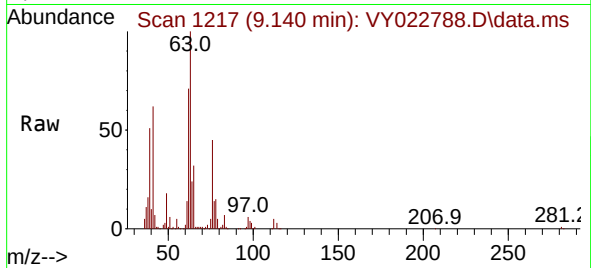




#45
1,2-Dichloropropane
Concen: 20.004 ug/l
RT: 9.140 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

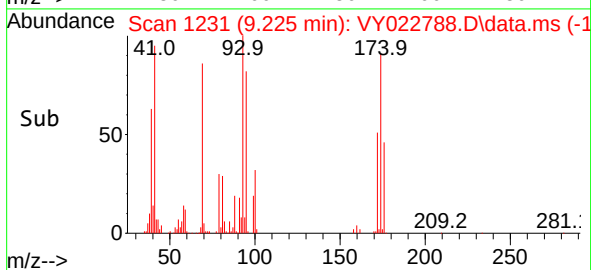
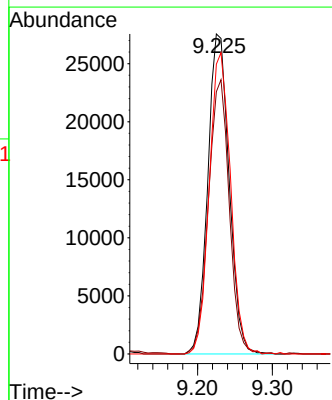
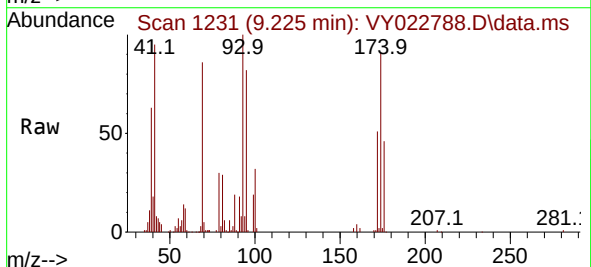
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

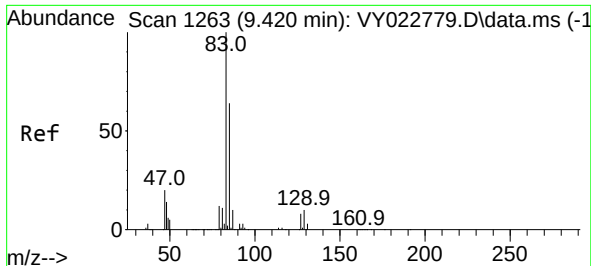
Tgt Ion: 63 Resp: 99722
Ion Ratio Lower Upper
63 100
65 31.9 24.0 36.0



#46
Dibromomethane
Concen: 19.325 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 93 Resp: 54686
Ion Ratio Lower Upper
93 100
95 83.4 65.6 98.4
174 93.6 70.4 105.6





#47

Bromodichloromethane

Concen: 19.945 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

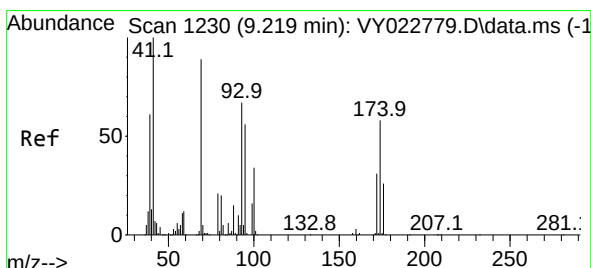
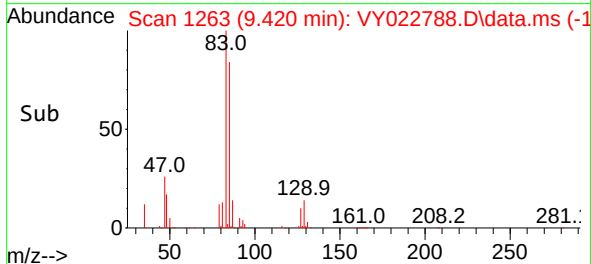
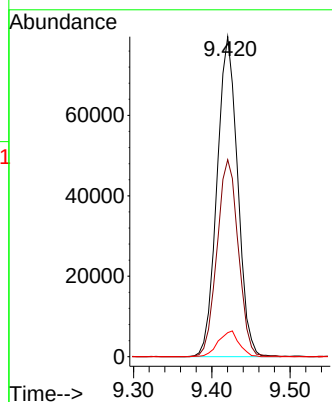
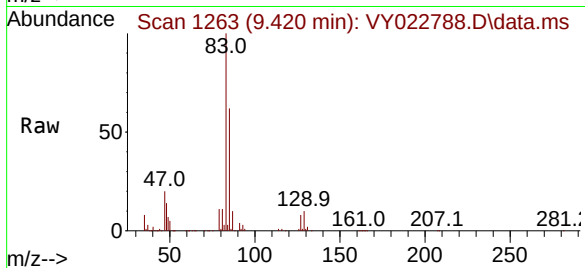
Tgt Ion: 83 Resp: 145543

Ion Ratio Lower Upper

83 100

85 61.6 49.1 73.7

127 7.5 6.2 9.4



#48

Methyl methacrylate

Concen: 19.204 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

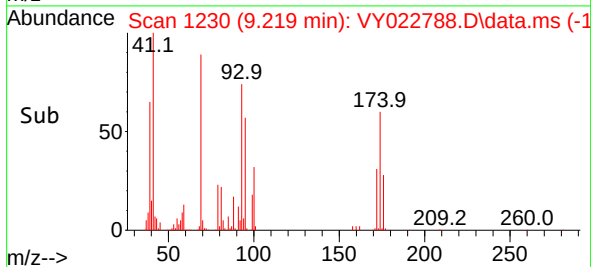
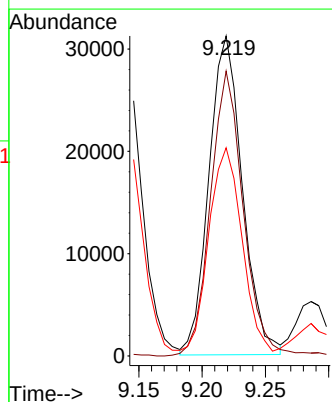
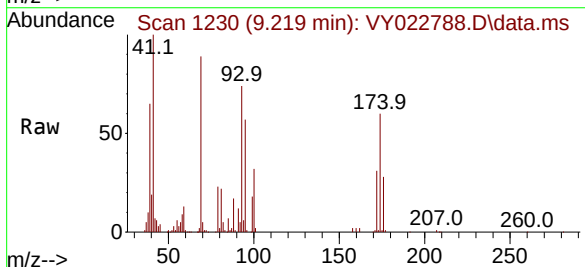
Tgt Ion: 41 Resp: 57360

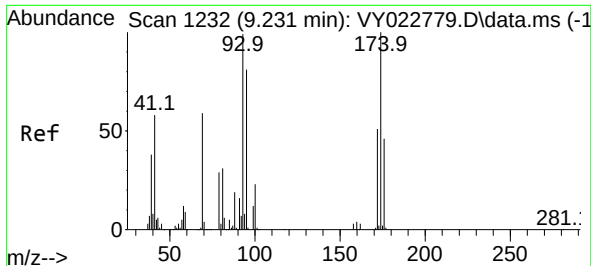
Ion Ratio Lower Upper

41 100

69 88.1 67.8 101.8

39 62.5 55.0 82.4





#49

1,4-Dioxane

Concen: 384.463 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.019 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBSD01

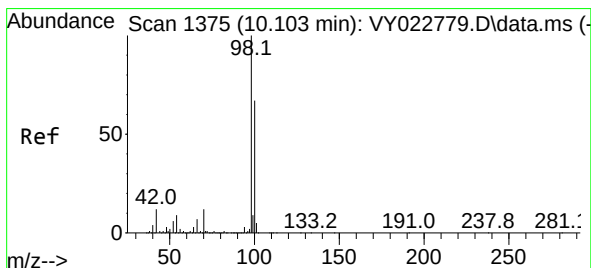
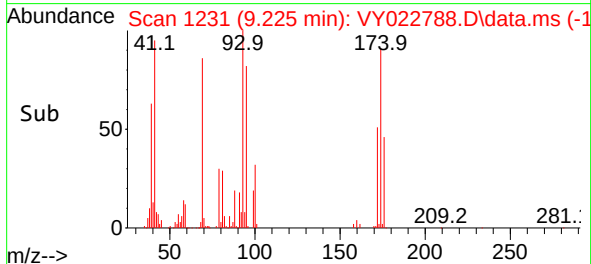
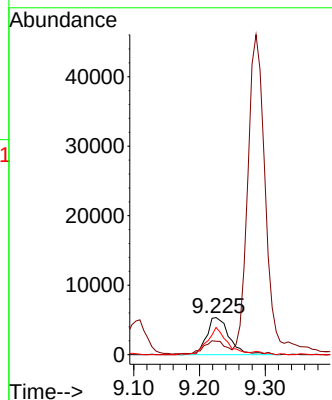
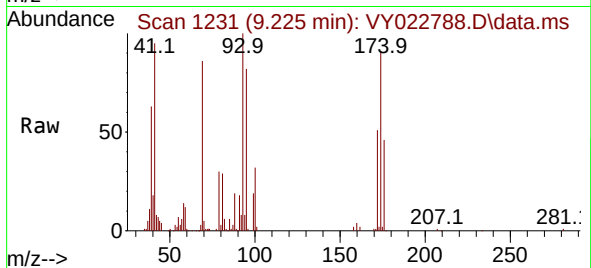
Tgt Ion: 88 Resp: 12854

Ion Ratio Lower Upper

88 100

43 33.1 25.4 38.2

58 62.7 54.9 82.3



#50

Toluene-d8

Concen: 50.490 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022788.D

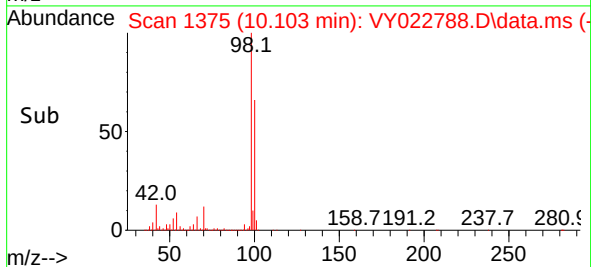
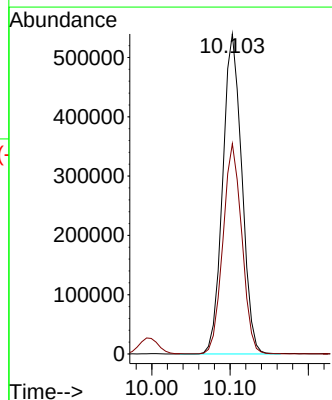
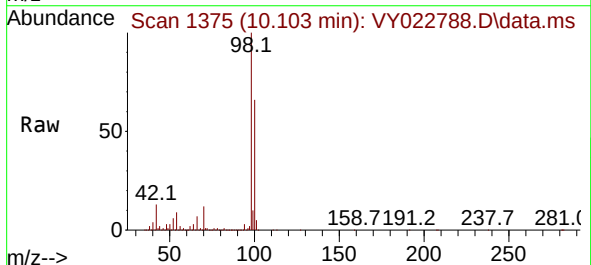
Acq: 24 Jun 2025 11:21

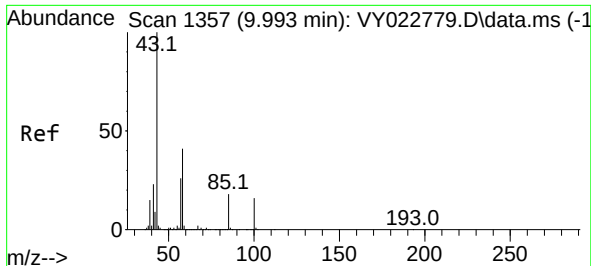
Tgt Ion: 98 Resp: 915700

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

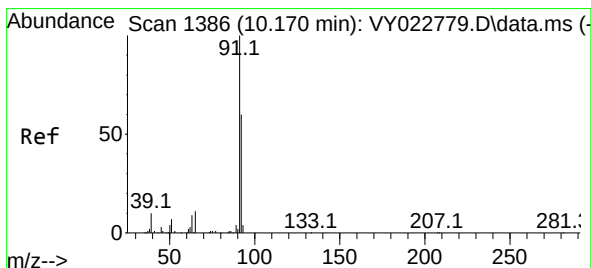
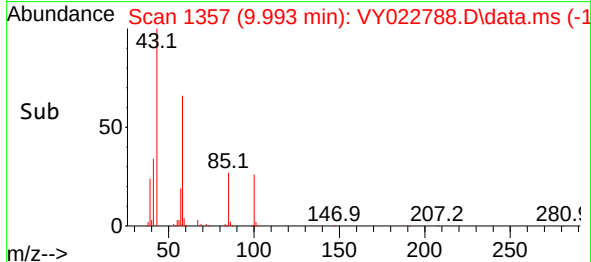
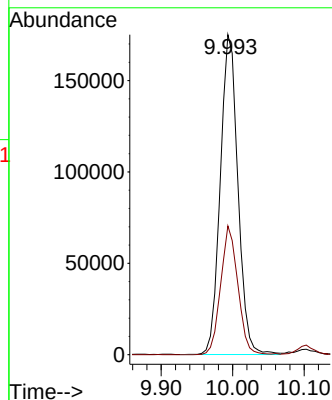
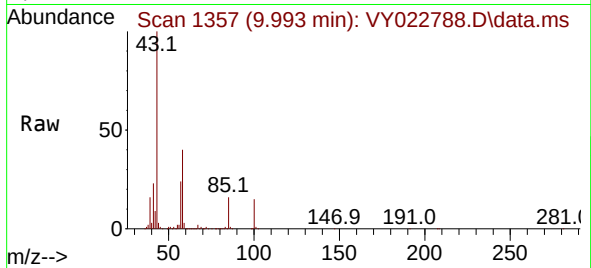




#51
4-Methyl-2-Pentanone
Concen: 95.014 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

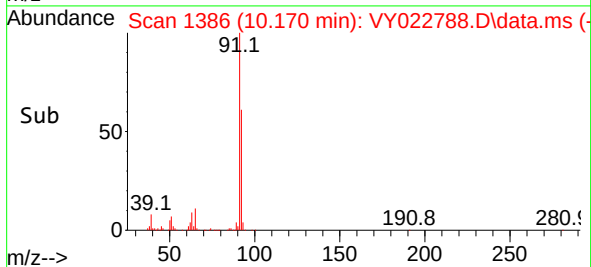
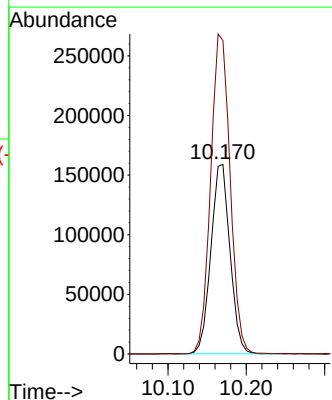
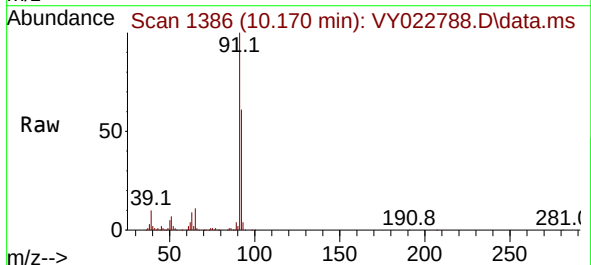
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

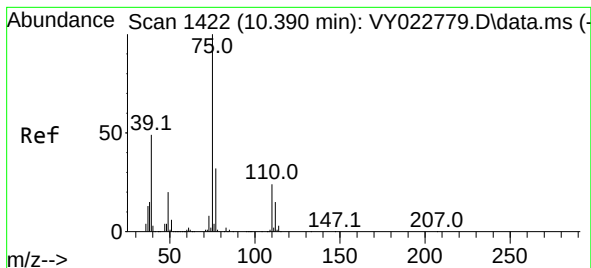
Tgt Ion: 43 Resp: 299993
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 20.009 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 92 Resp: 268868
Ion Ratio Lower Upper
92 100
91 172.3 139.0 208.4

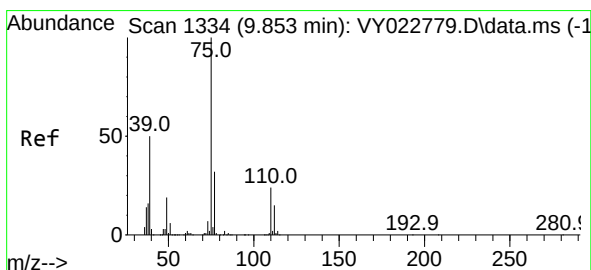
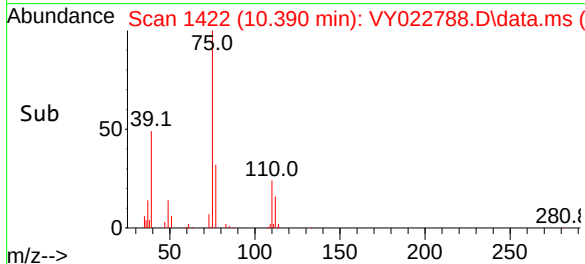
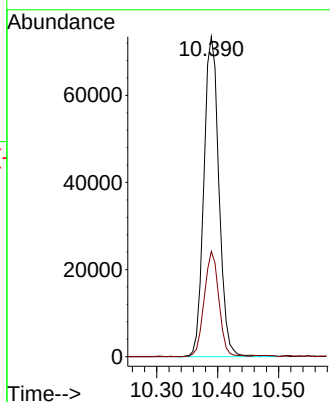
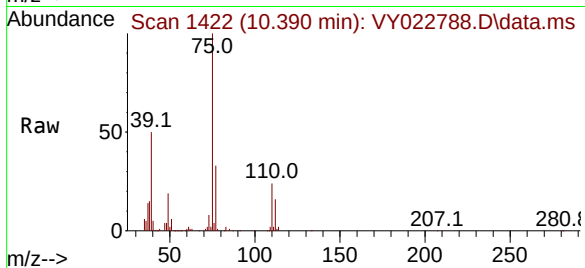




#53
 t-1,3-Dichloropropene
 Concen: 19.317 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

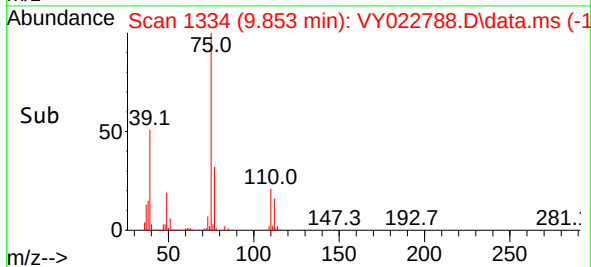
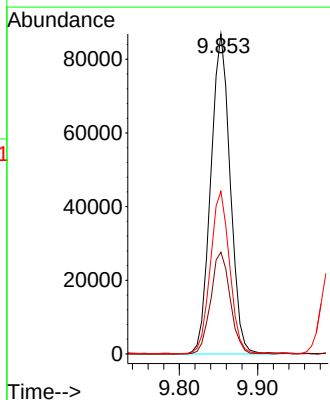
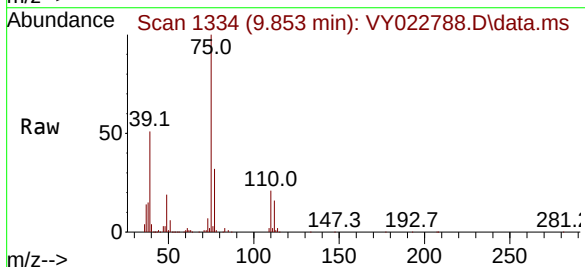
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

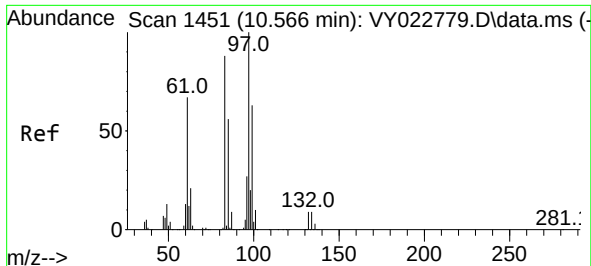
Tgt Ion: 75 Resp: 126826
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.639 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Tgt Ion: 75 Resp: 149508
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 50.8 42.7 64.1

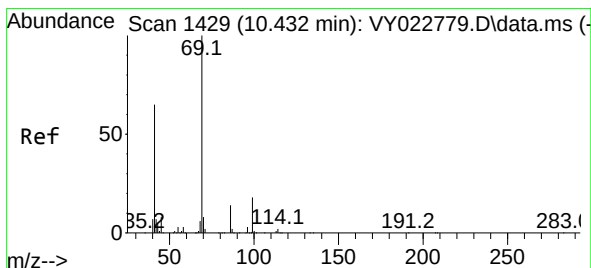
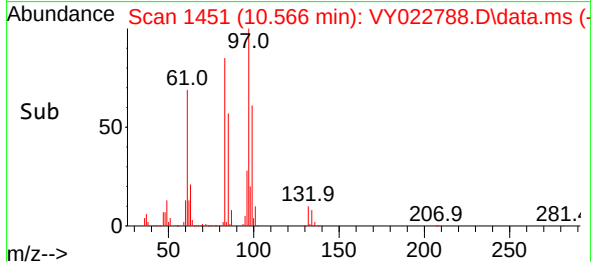
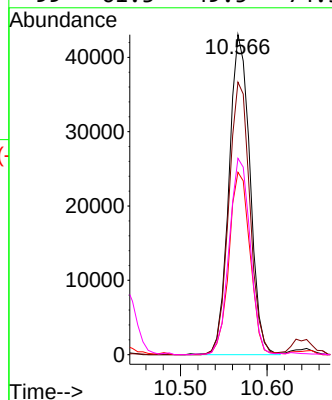
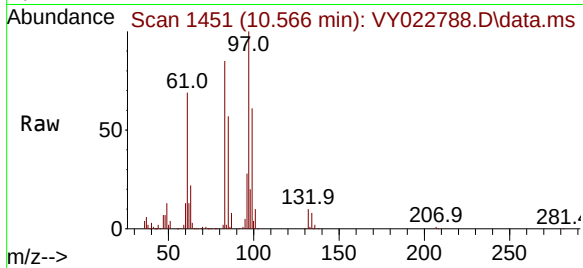




#55
1,1,2-Trichloroethane
Concen: 19.754 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

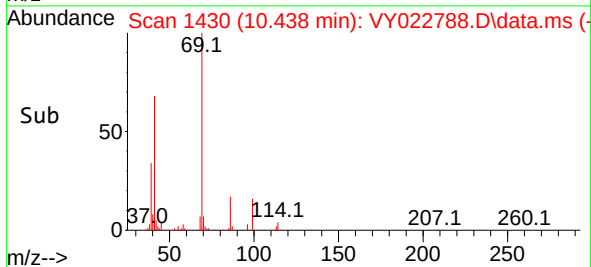
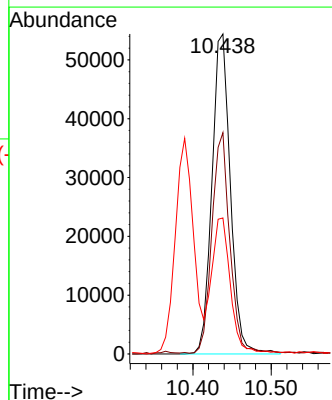
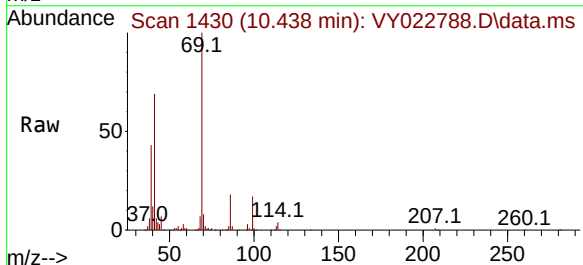
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

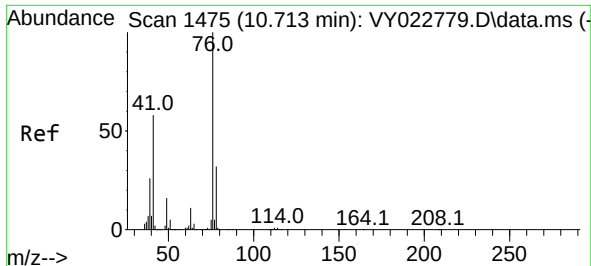
Tgt Ion: 97	Resp: 72385
Ion Ratio	Lower Upper
97 100	
83 85.2	68.1 102.1
85 57.0	48.2 72.2
99 61.3	49.5 74.3



#56
Ethyl methacrylate
Concen: 18.060 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 69	Resp: 89037
Ion Ratio	Lower Upper
69 100	
41 66.7	52.2 78.2
39 42.5	36.7 55.1





#57

1,3-Dichloropropane

Concen: 19.557 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

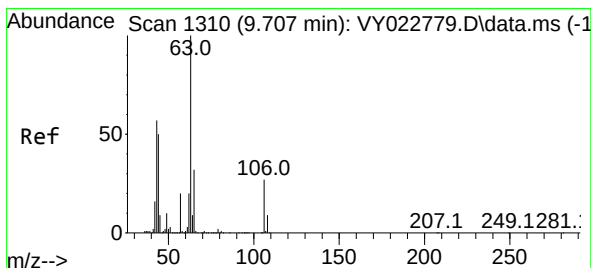
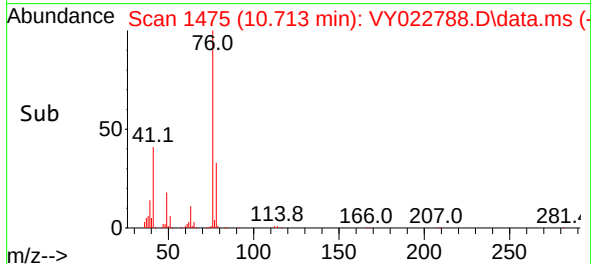
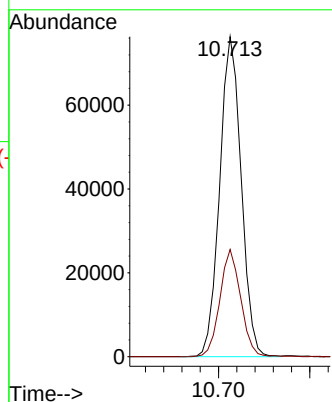
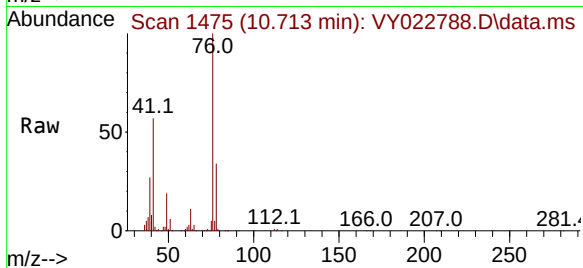
VY0624SBS01

Tgt Ion: 76 Resp: 125029

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.911 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022788.D

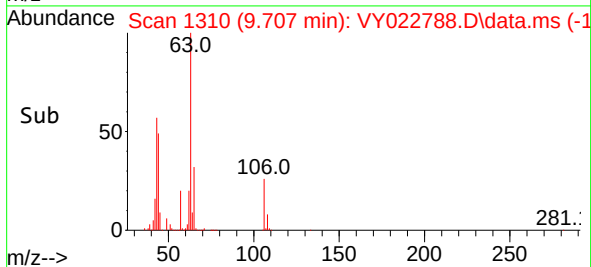
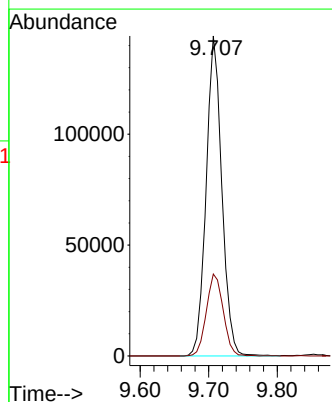
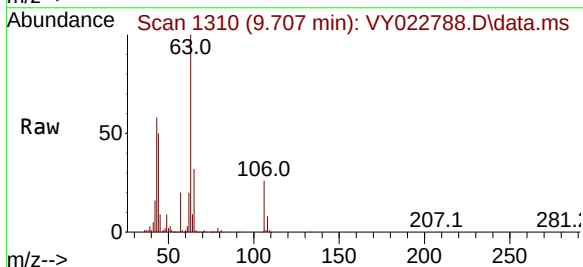
Acq: 24 Jun 2025 11:21

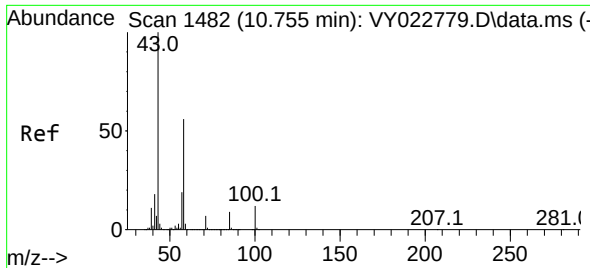
Tgt Ion: 63 Resp: 230138

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

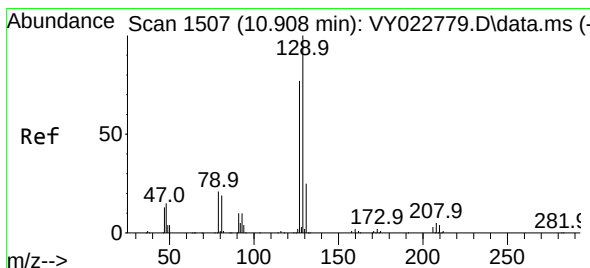
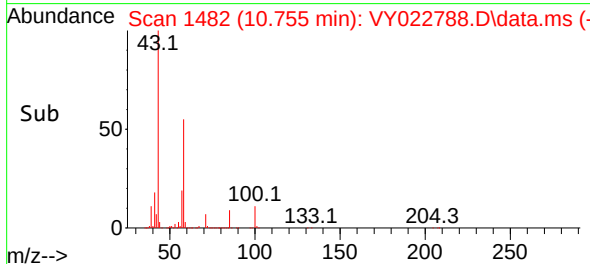
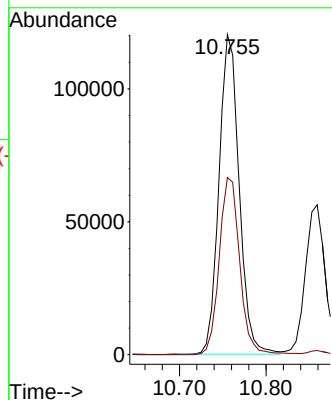
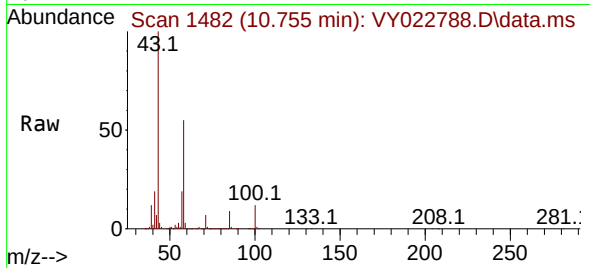




#59
2-Hexanone
Concen: 90.459 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

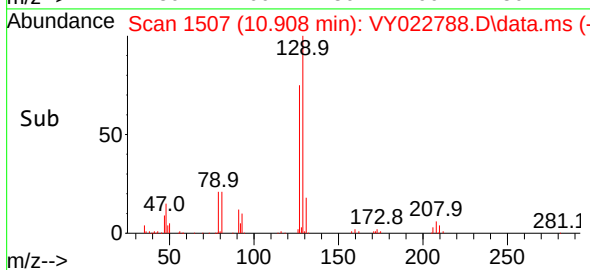
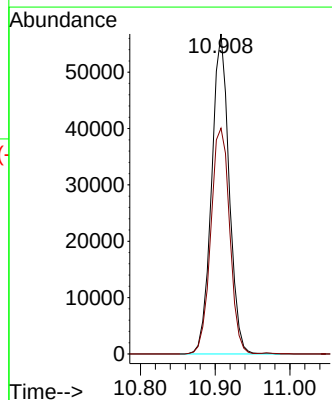
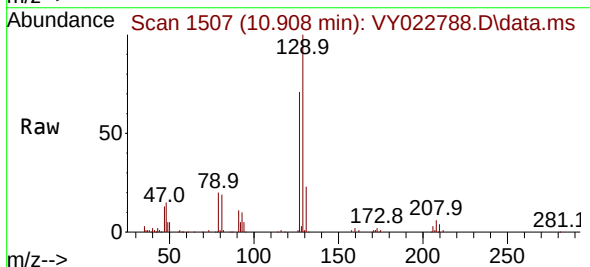
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

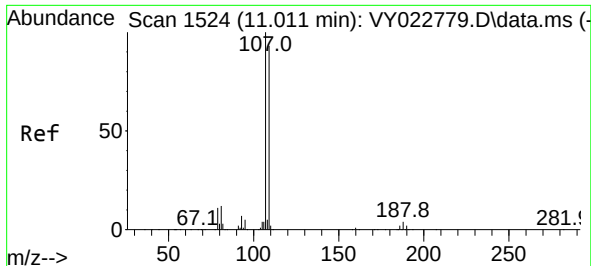
Tgt Ion: 43 Resp: 194180
Ion Ratio Lower Upper
43 100
58 56.4 27.3 81.8



#60
Dibromochloromethane
Concen: 19.588 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 129 Resp: 92711
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2

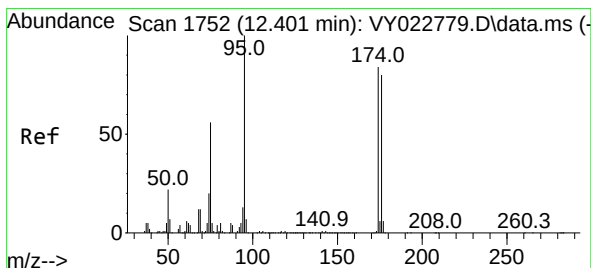
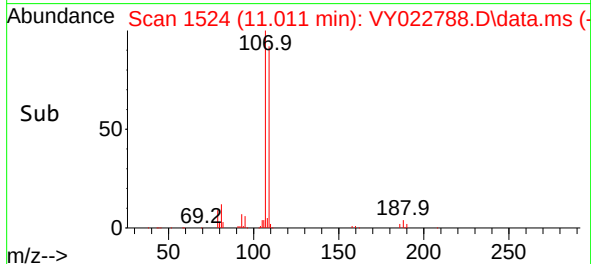
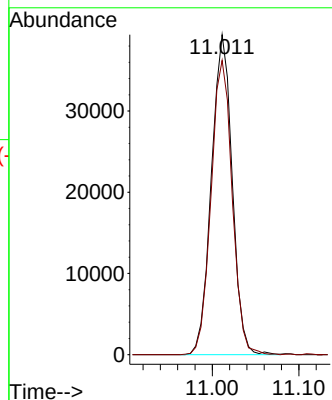
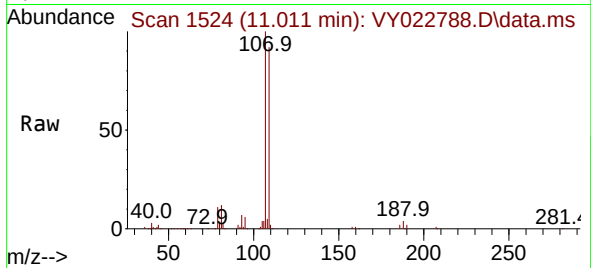




#61
1,2-Dibromoethane
Concen: 19.144 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

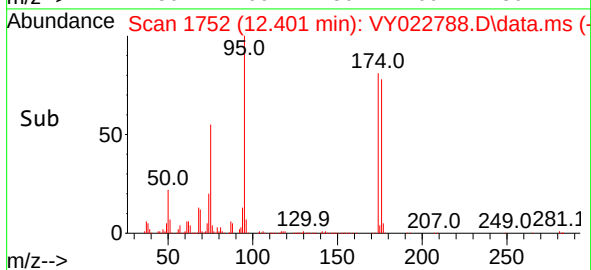
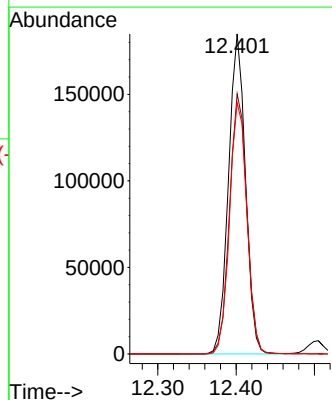
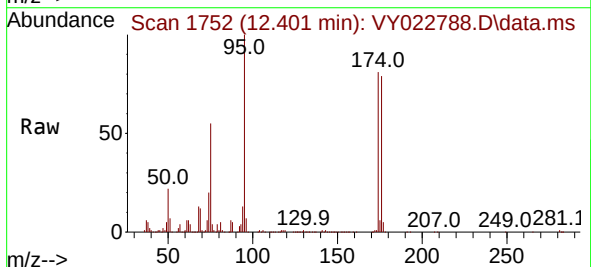
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

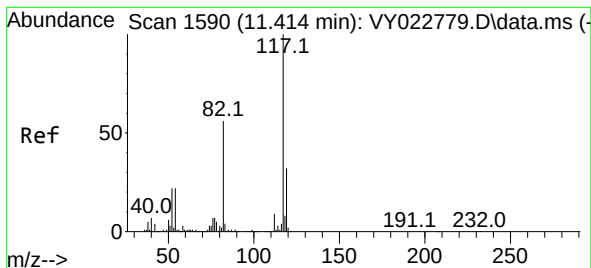
Tgt Ion:107 Resp: 65644
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 47.682 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 95 Resp: 277996
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.0
176 80.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBSD01

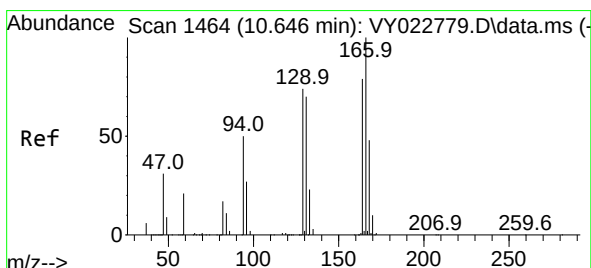
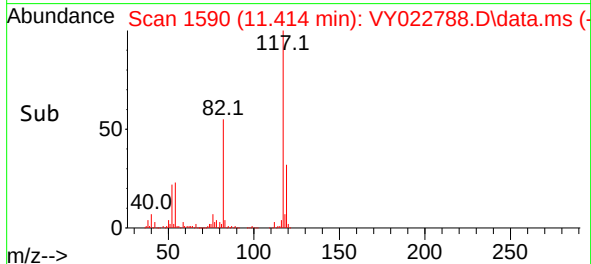
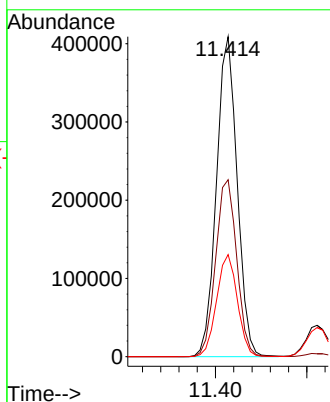
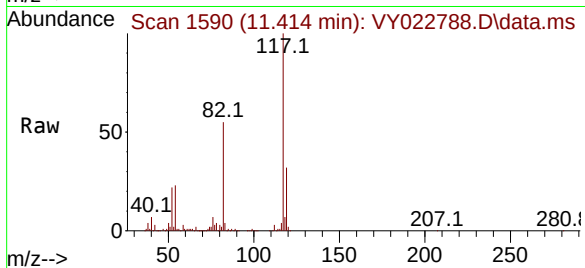
Tgt Ion:117 Resp: 644021

Ion Ratio Lower Upper

117 100

82 55.3 44.6 66.8

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 21.638 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Tgt Ion:164 Resp: 131649

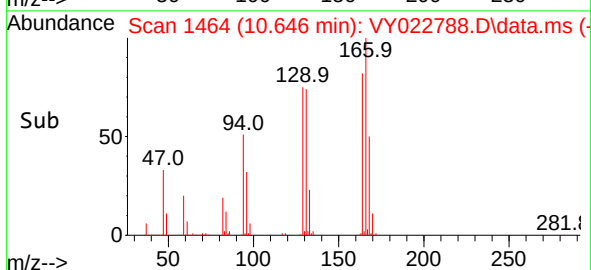
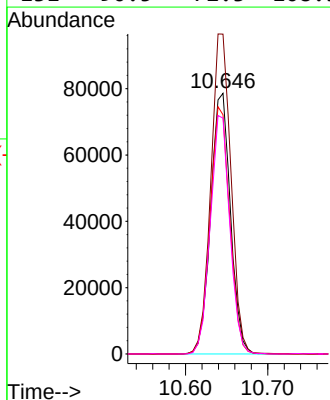
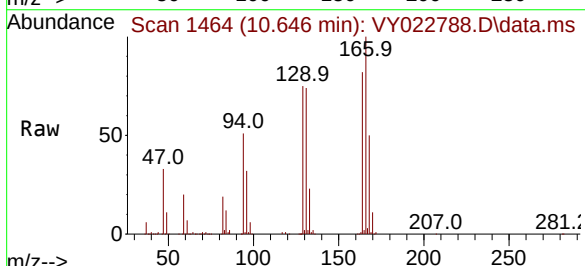
Ion Ratio Lower Upper

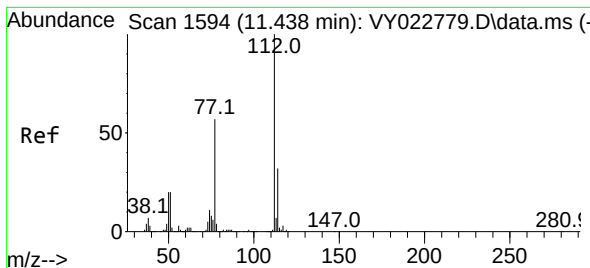
164 100

166 122.7 104.0 156.0

129 91.8 74.5 111.7

131 90.5 72.3 108.5

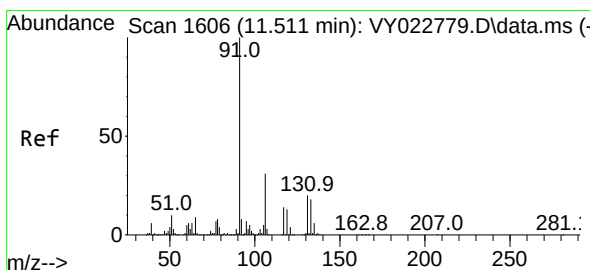
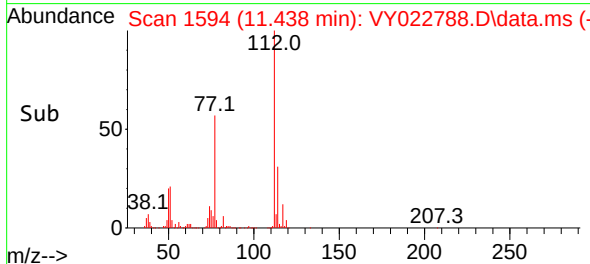
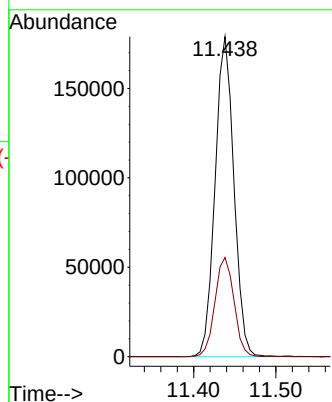
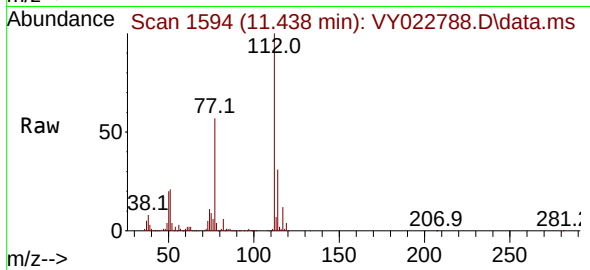




#65
Chlorobenzene
Concen: 20.076 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

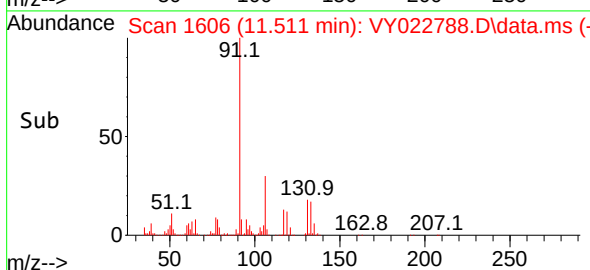
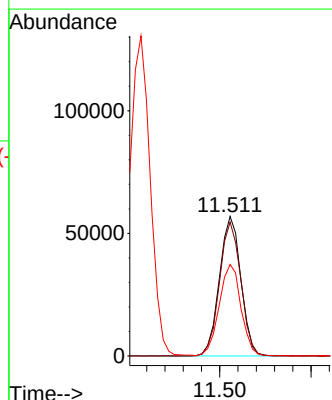
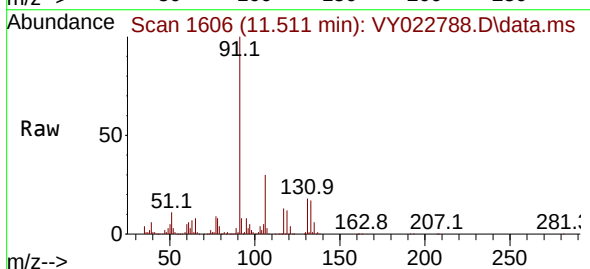
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

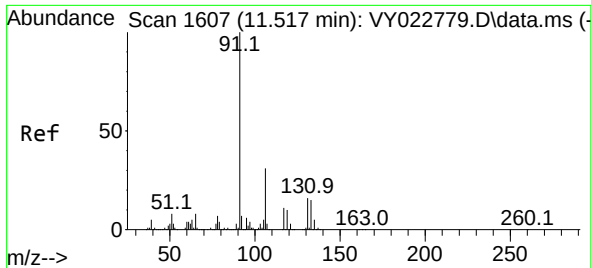
Tgt Ion:112 Resp: 284096
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.327 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion:131 Resp: 92635
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 66.8 33.1 99.3

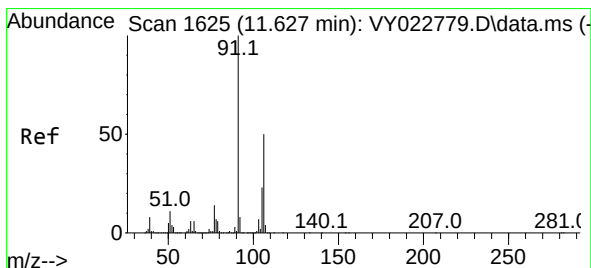
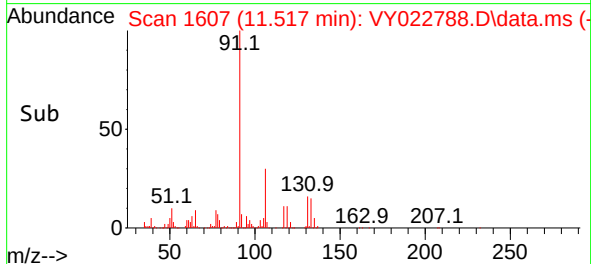
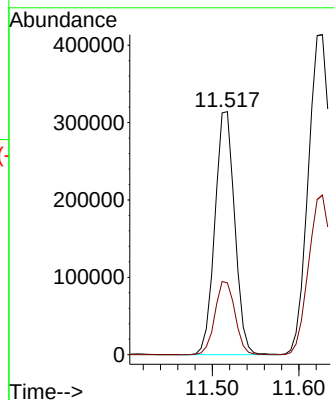
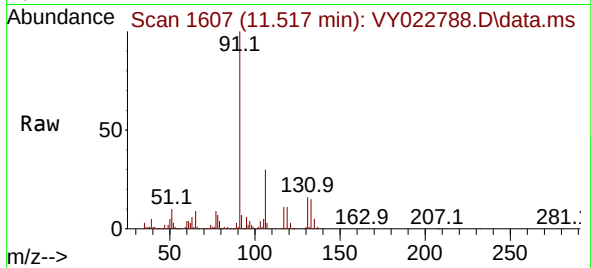




#67
Ethyl Benzene
Concen: 20.093 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

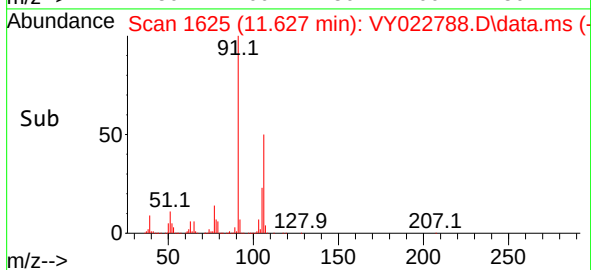
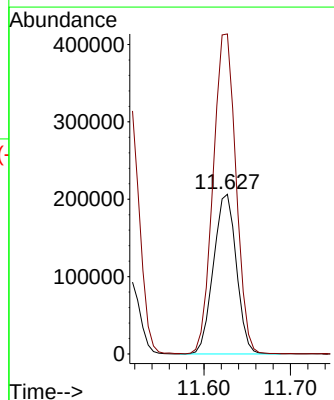
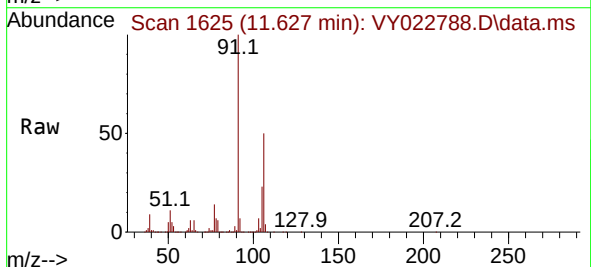
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBS01

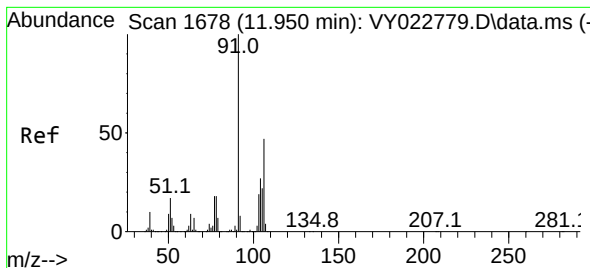
Tgt Ion: 91 Resp: 499591
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4



#68
m/p-Xylenes
Concen: 39.471 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 106 Resp: 379372
Ion Ratio Lower Upper
106 100
91 200.1 159.4 239.0

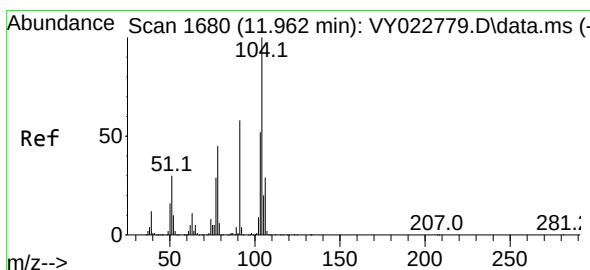
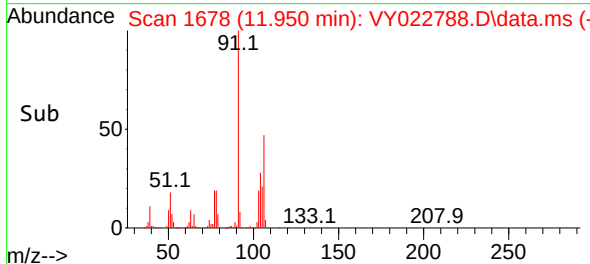
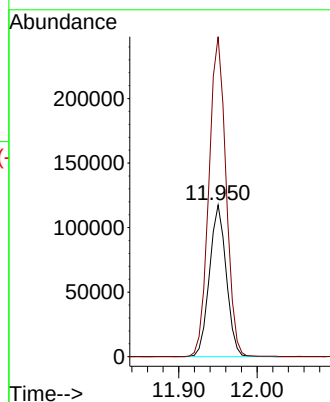
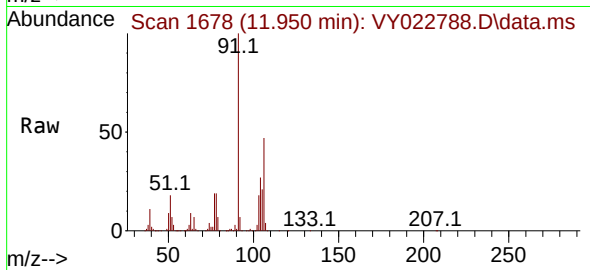




#69
o-Xylene
Concen: 19.305 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

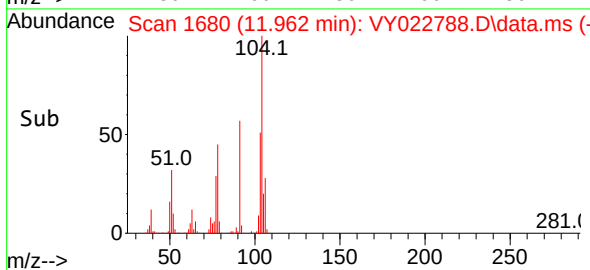
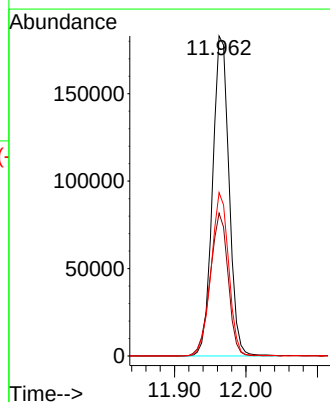
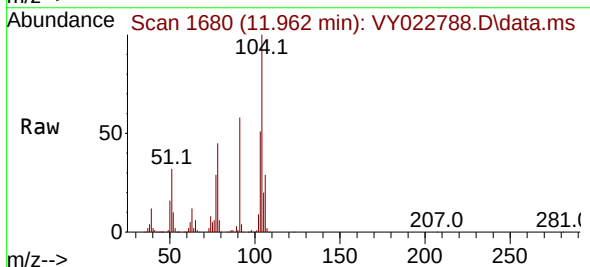
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

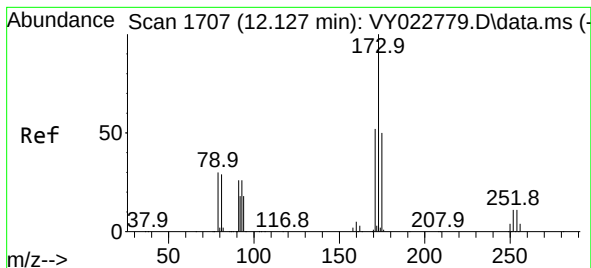
Tgt Ion:106 Resp: 174833
Ion Ratio Lower Upper
106 100
91 214.8 105.8 317.3



#70
Styrene
Concen: 19.343 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion:104 Resp: 293422
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 54.5 44.1 66.1





#71

Bromoform

Concen: 19.036 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

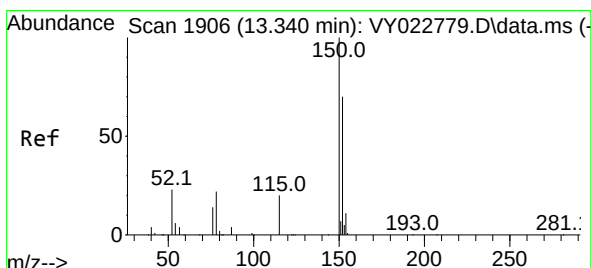
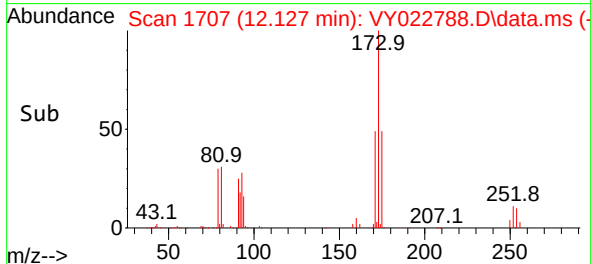
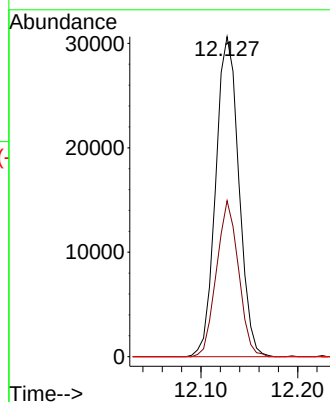
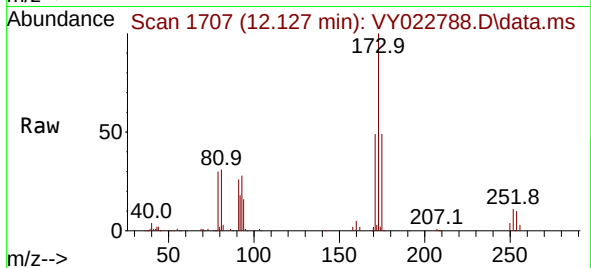
Tgt Ion:173 Resp: 50804

Ion Ratio Lower Upper

173 100

175 46.4 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

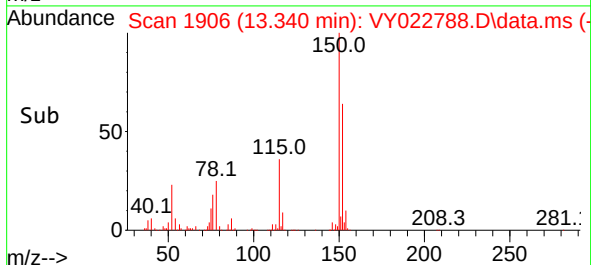
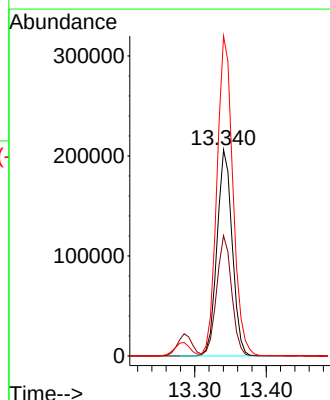
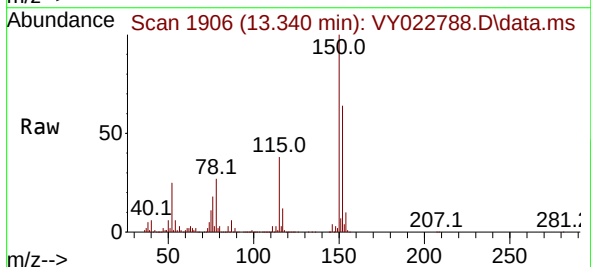
Tgt Ion:152 Resp: 303566

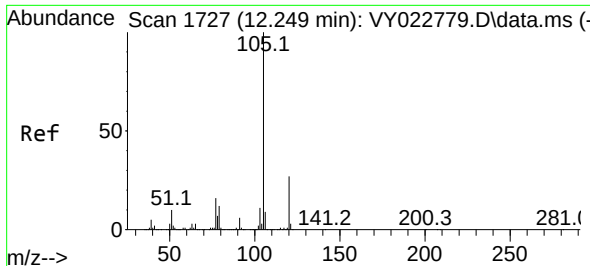
Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.7

150 163.3 0.0 349.6

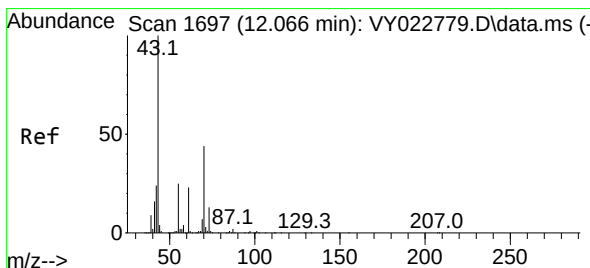
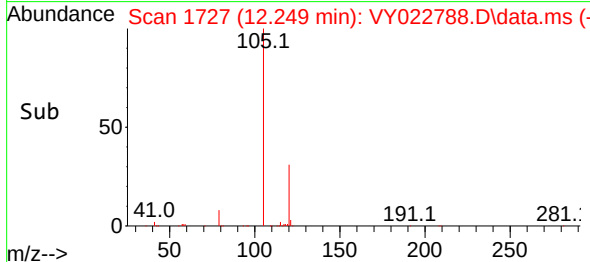
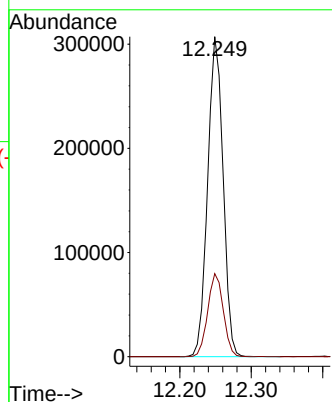
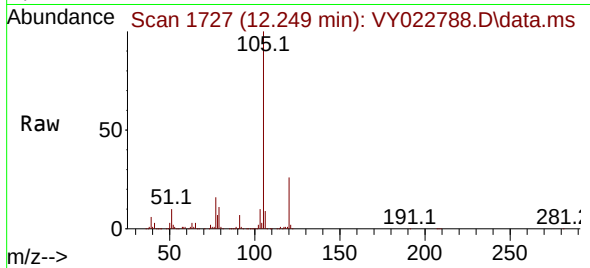




#73
Isopropylbenzene
Concen: 20.509 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

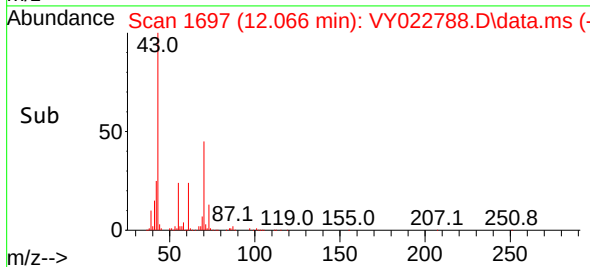
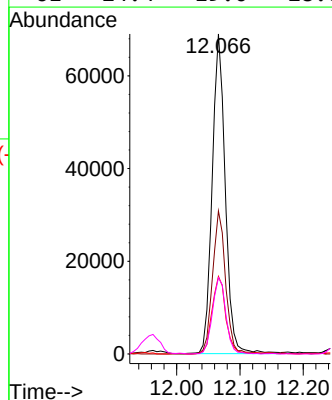
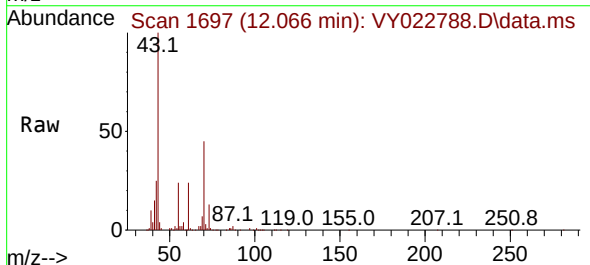
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

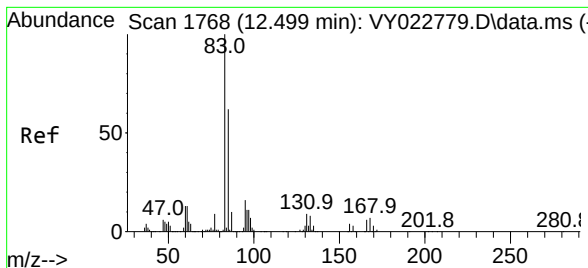
Tgt Ion:105 Resp: 460433
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 19.745 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 43 Resp: 99500
Ion Ratio Lower Upper
43 100
70 44.6 34.2 51.2
55 25.3 18.2 27.4
61 24.4 19.0 28.6

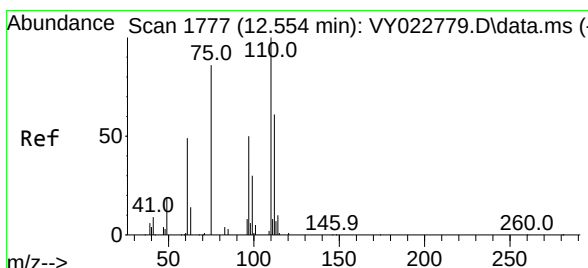
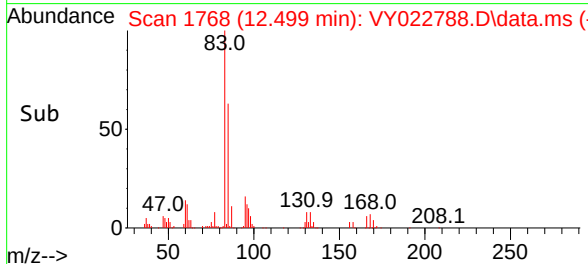
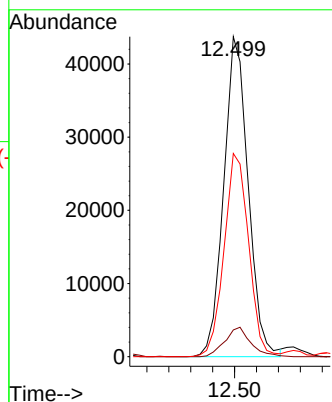
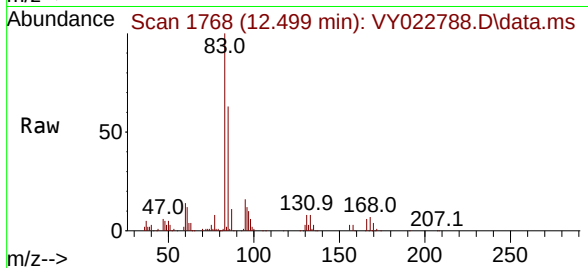




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.724 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

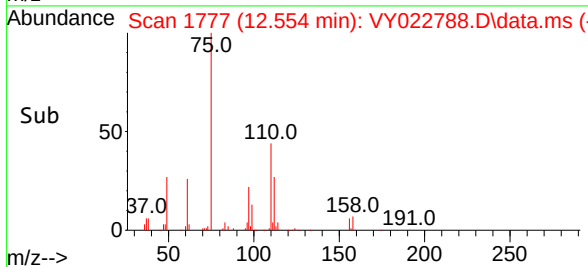
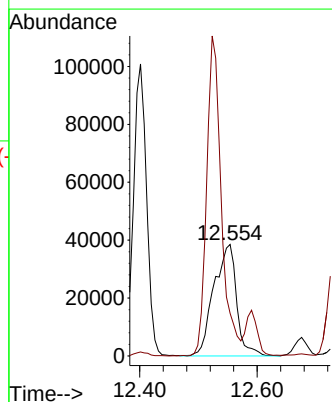
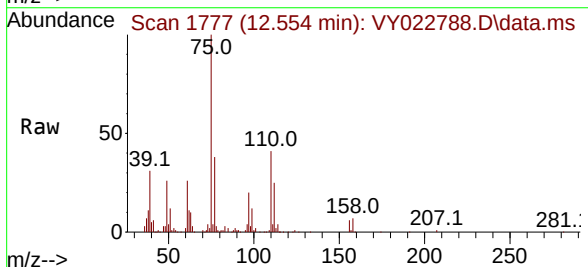
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBSD01

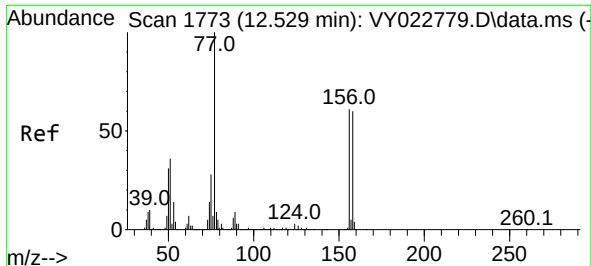
Tgt Ion: 83 Resp: 67748
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 63.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.513 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Tgt Ion: 75 Resp: 103863
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

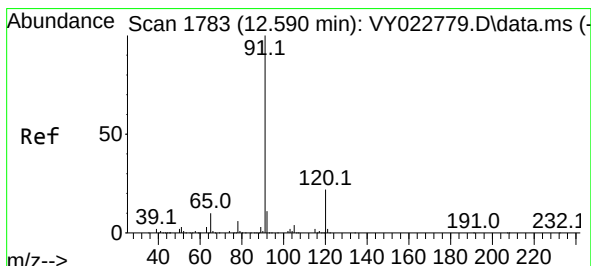
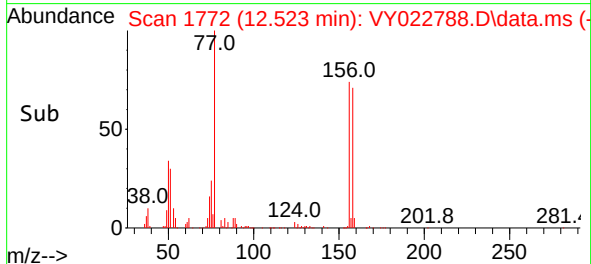
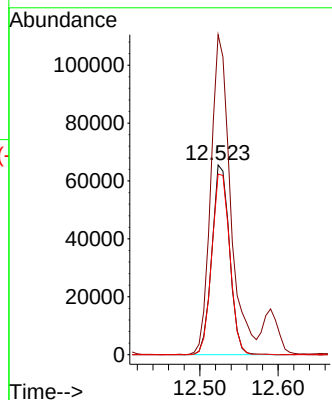
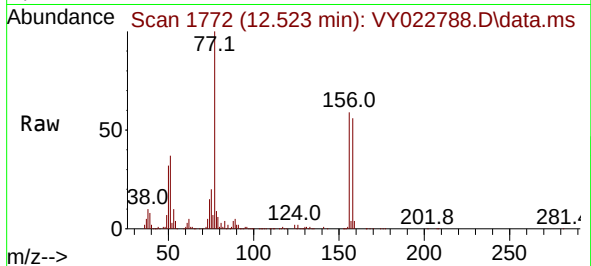




#77
Bromobenzene
Concen: 20.111 ug/l
RT: 12.523 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

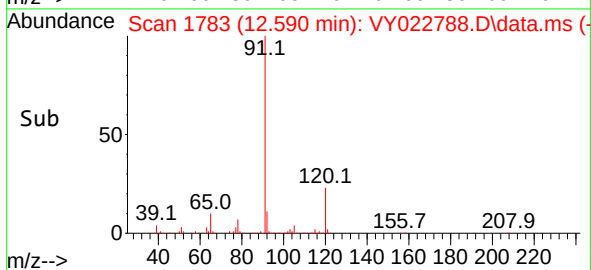
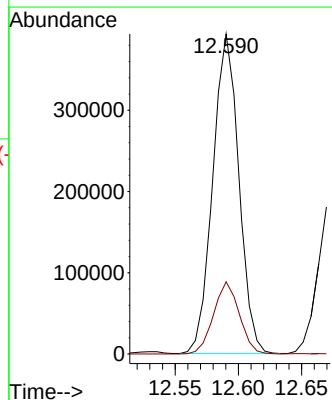
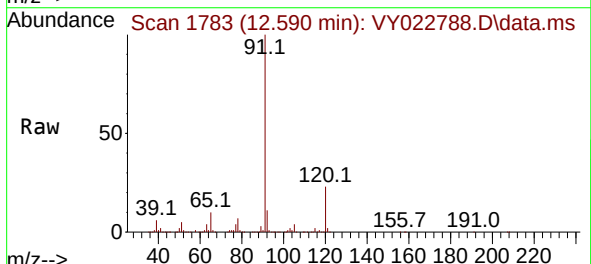
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

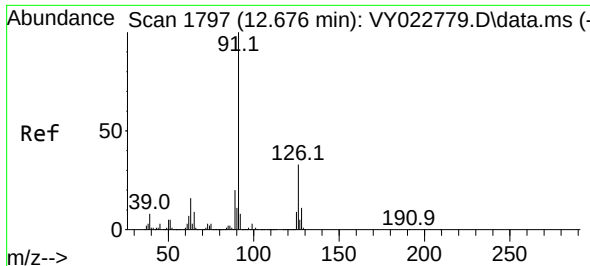
Tgt Ion:156 Resp: 102341
Ion Ratio Lower Upper
156 100
77 187.7 94.0 282.1
158 97.8 48.2 144.6



#78
n-propylbenzene
Concen: 20.789 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 91 Resp: 563511
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4

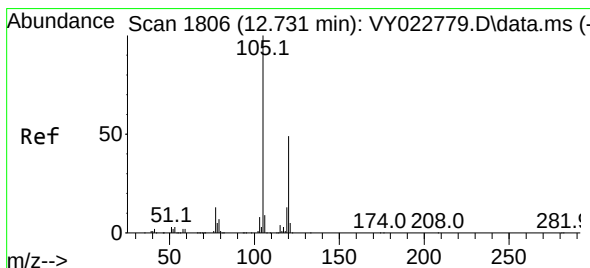
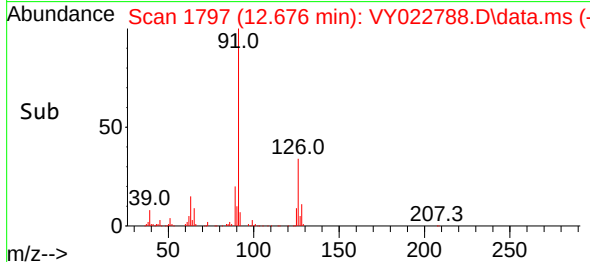
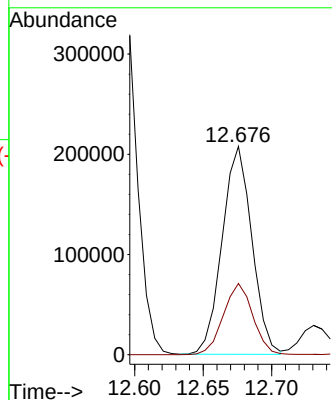
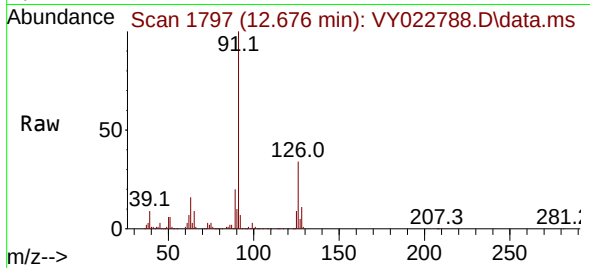




#79
2-Chlorotoluene
Concen: 20.466 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

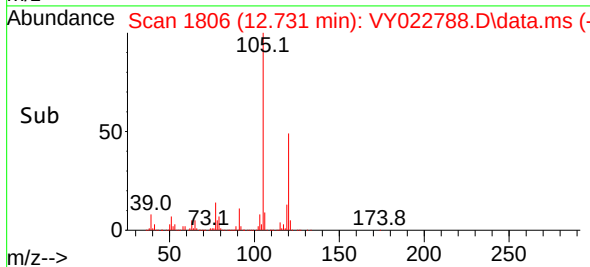
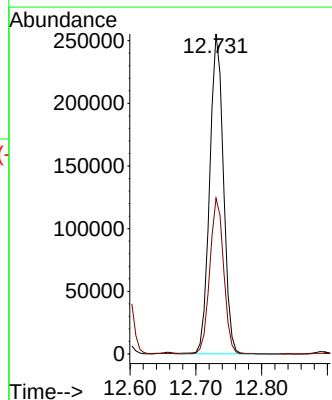
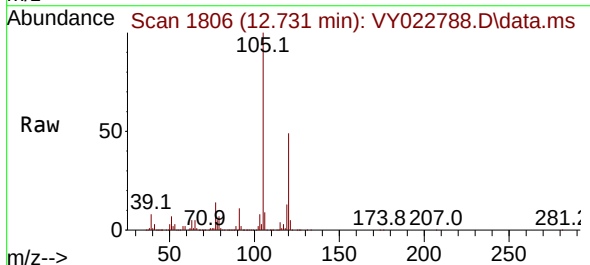
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MSVOA_Y
ClientSampleId :
VY0624SBS01

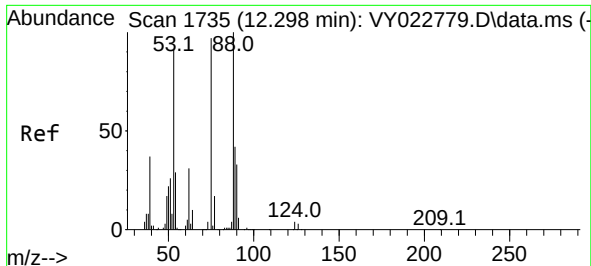
Tgt Ion: 91 Resp: 313424
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.445 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 105 Resp: 370540
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.4

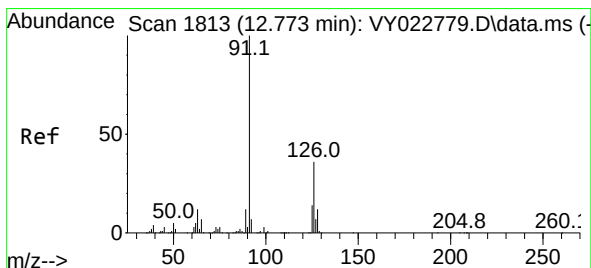
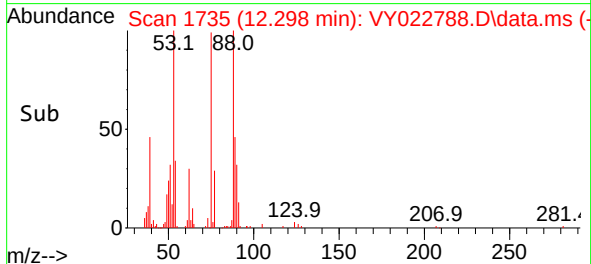
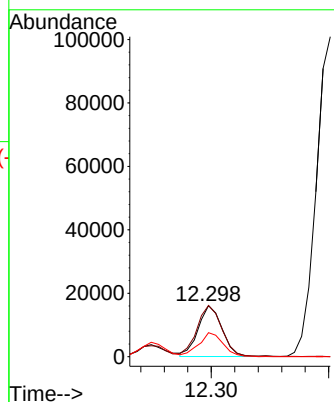
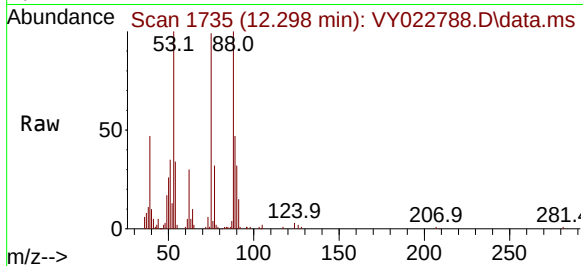




#81
trans-1,4-Dichloro-2-butene
Concen: 18.430 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

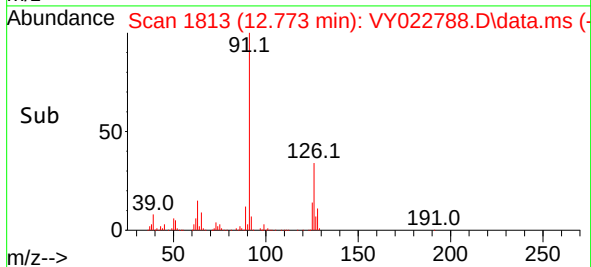
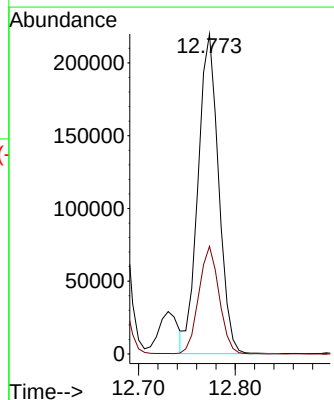
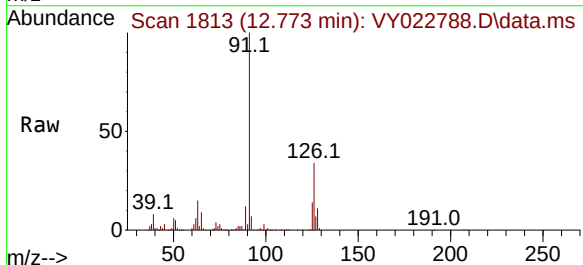
Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

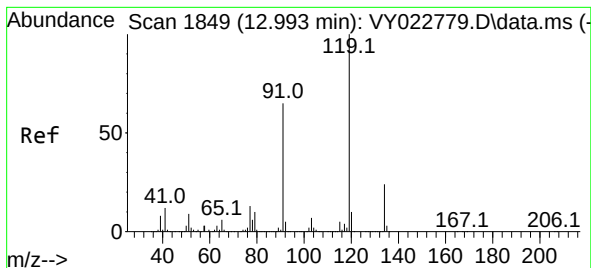
Tgt Ion: 75 Resp: 22608
Ion Ratio Lower Upper
75 100
53 106.5 78.5 117.7
89 48.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.138 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion: 91 Resp: 323940
Ion Ratio Lower Upper
91 100
126 33.4 17.0 50.9

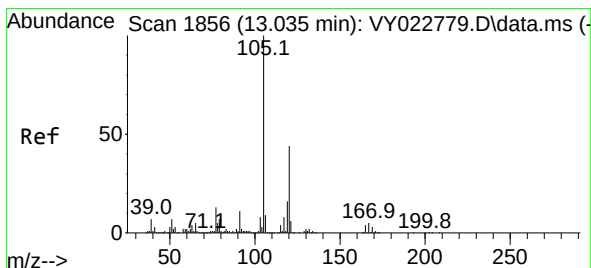
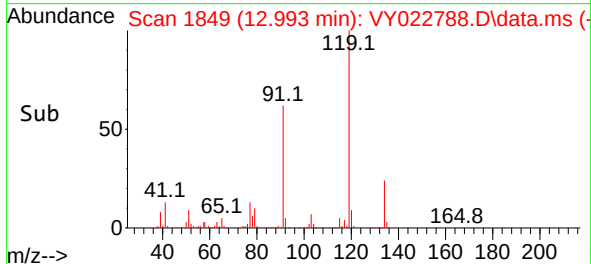
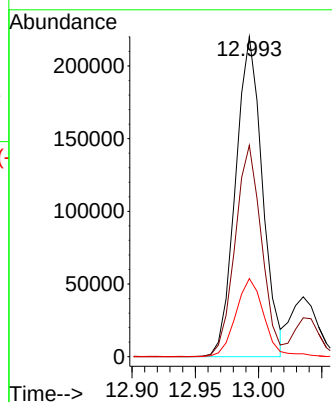
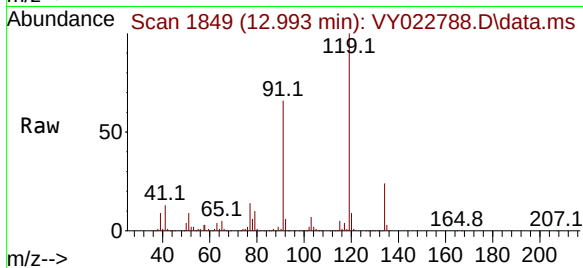




#83
 tert-Butylbenzene
 Concen: 20.346 ug/l
 RT: 12.993 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

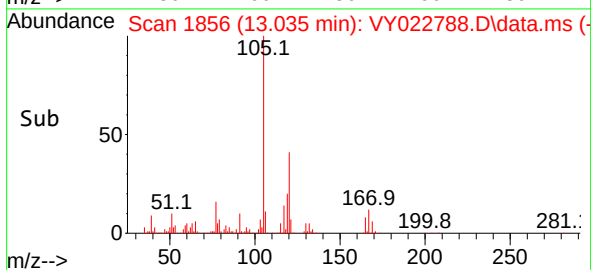
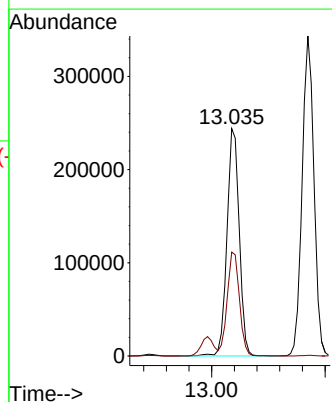
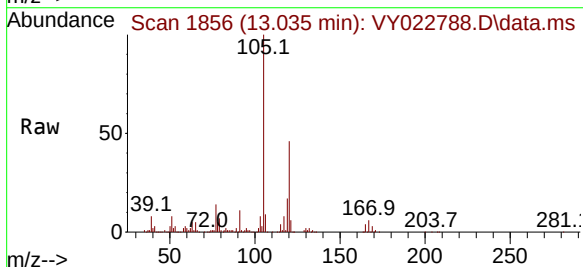
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0624SBS01

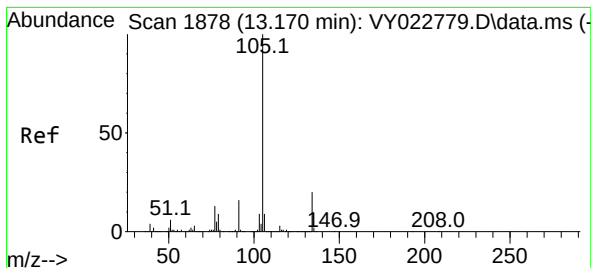
Tgt Ion:119 Resp: 325208
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.1 96.3
 134 25.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.151 ug/l
 RT: 13.035 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: VY022788.D
 Acq: 24 Jun 2025 11:21

Tgt Ion:105 Resp: 365641
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.573 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

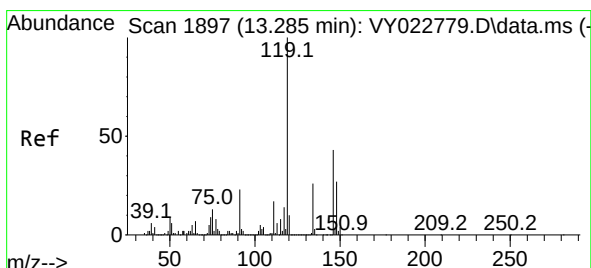
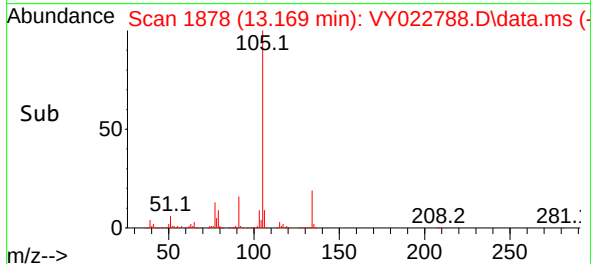
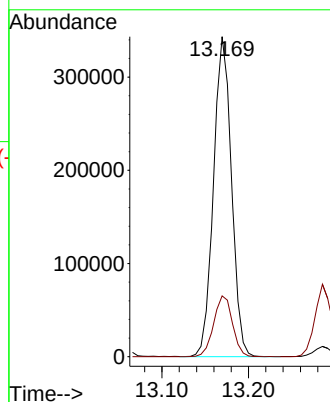
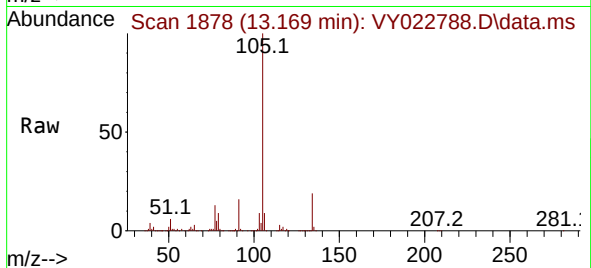
VY0624SBS01

Tgt Ion:105 Resp: 494743

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.228 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

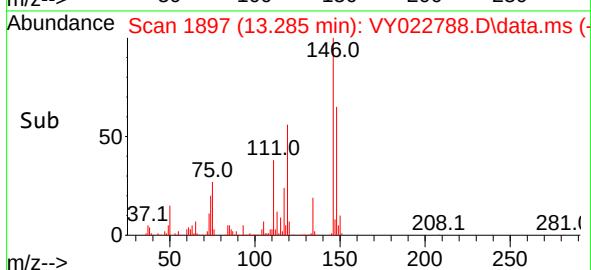
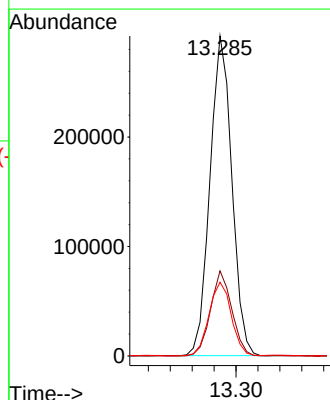
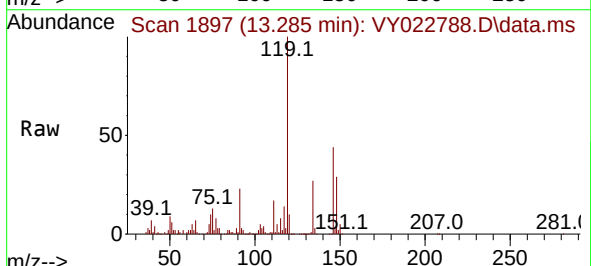
Tgt Ion:119 Resp: 404814

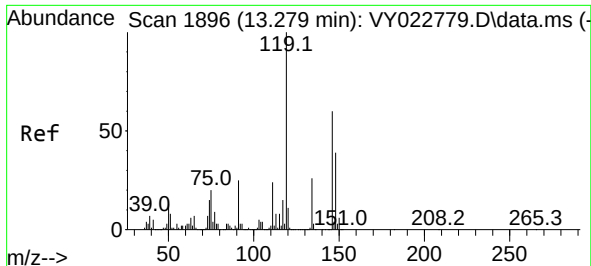
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.078 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. -0.012 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

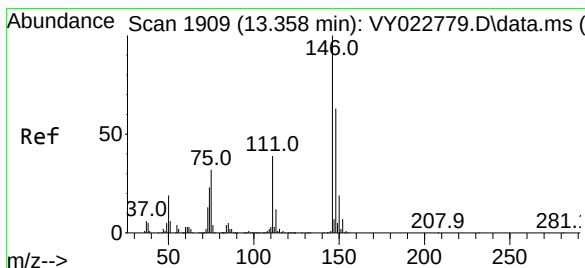
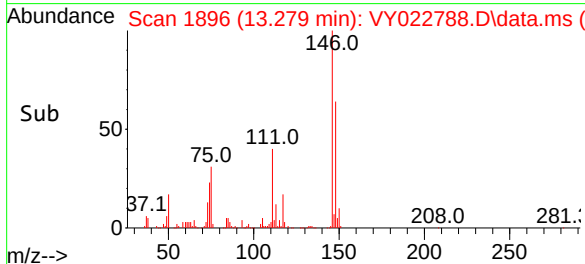
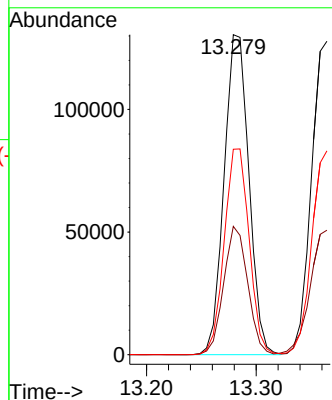
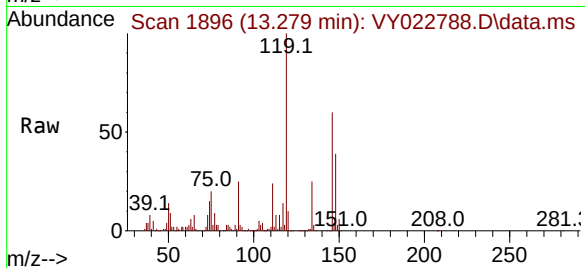
Tgt Ion:146 Resp: 205201

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 64.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.689 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

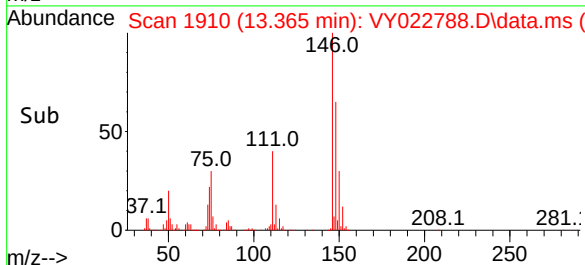
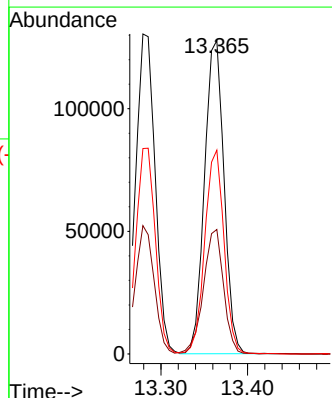
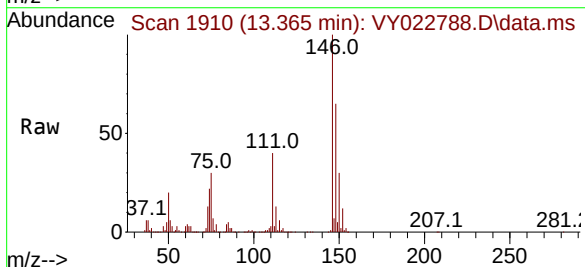
Tgt Ion:146 Resp: 199889

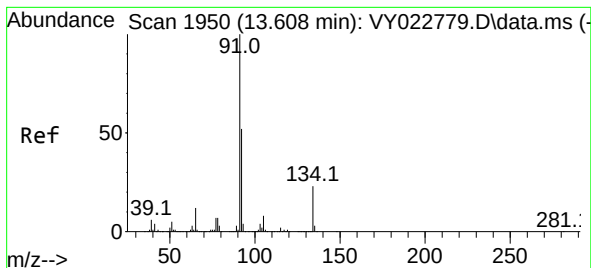
Ion Ratio Lower Upper

146 100

111 41.2 19.4 58.2

148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 20.391 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

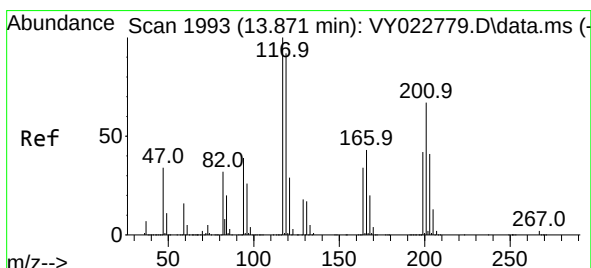
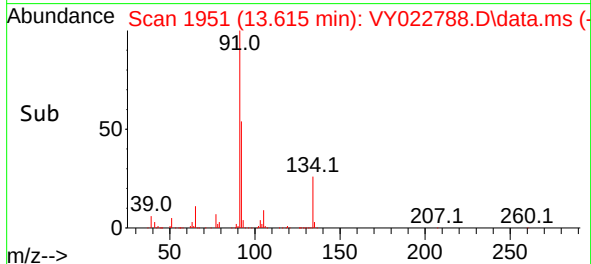
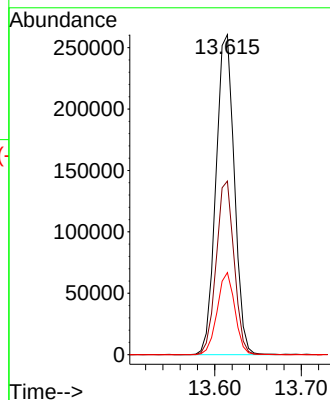
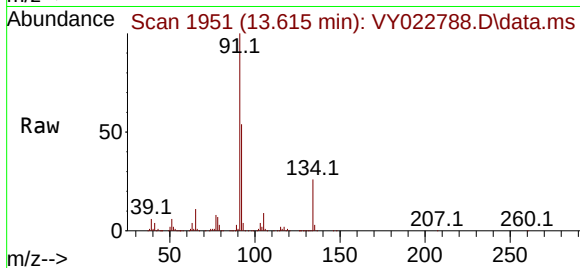
Tgt Ion: 91 Resp: 383849

Ion Ratio Lower Upper

91 100

92 52.7 25.9 77.8

134 24.7 12.0 36.1



#90

Hexachloroethane

Concen: 21.411 ug/l

RT: 13.871 min Scan# 1993

Delta R.T. -0.012 min

Lab File: VY022788.D

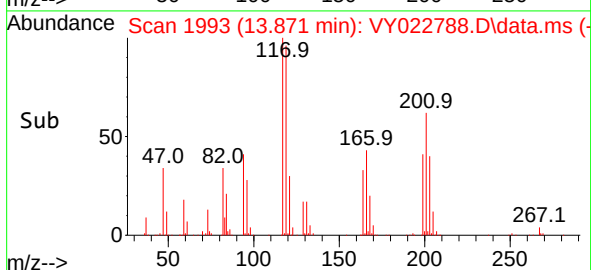
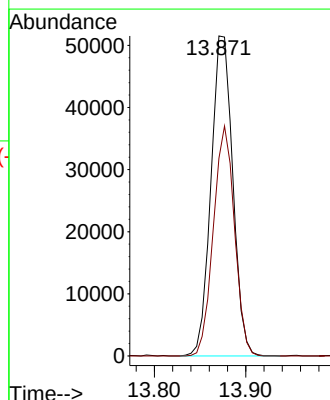
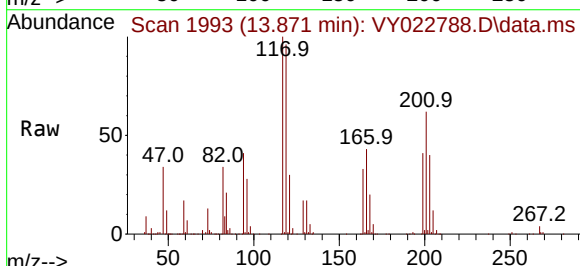
Acq: 24 Jun 2025 11:21

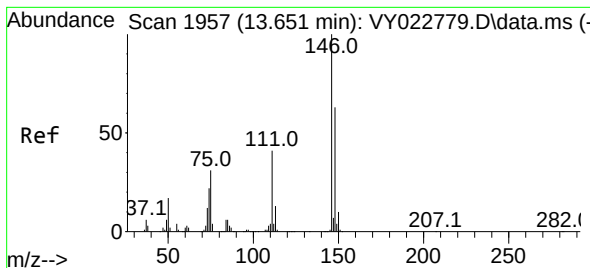
Tgt Ion: 117 Resp: 85343

Ion Ratio Lower Upper

117 100

201 69.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 19.787 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBS01

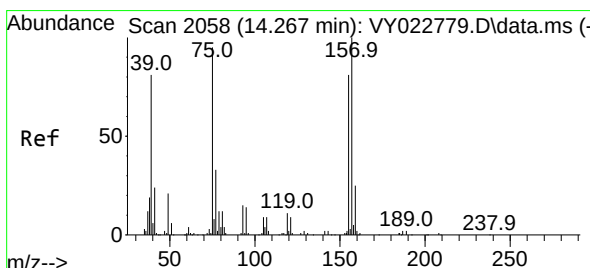
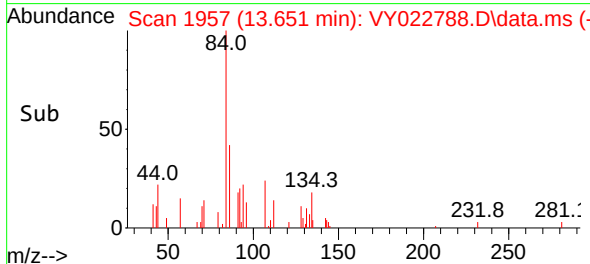
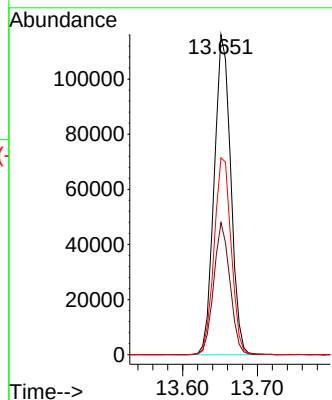
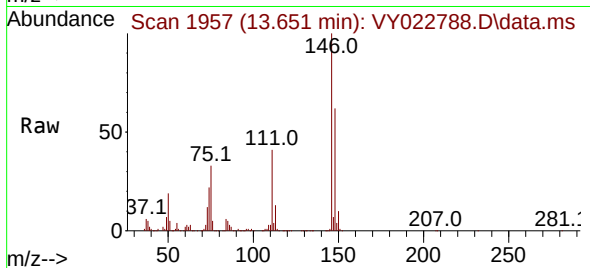
Tgt Ion:146 Resp: 178210

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 63.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.089 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

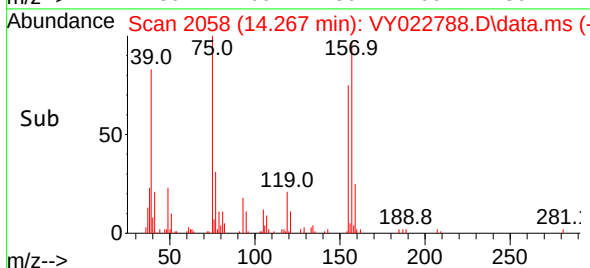
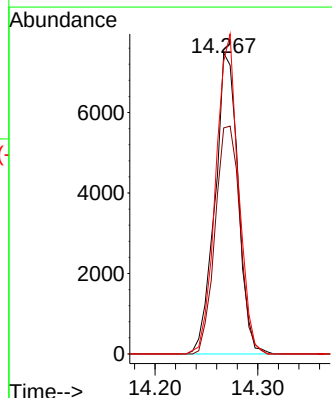
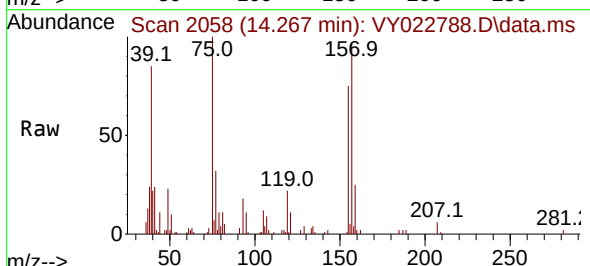
Tgt Ion: 75 Resp: 11713

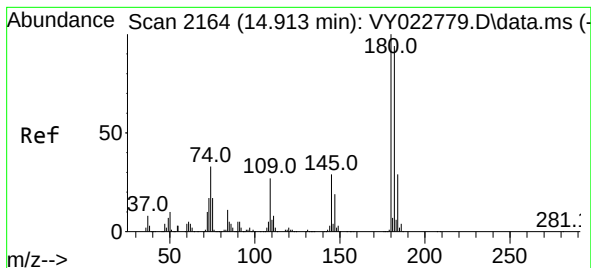
Ion Ratio Lower Upper

75 100

155 80.7 39.9 119.6

157 103.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.957 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0624SBSD01

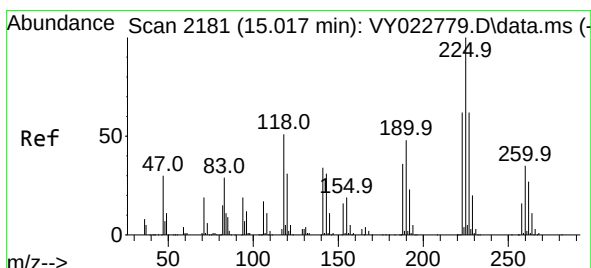
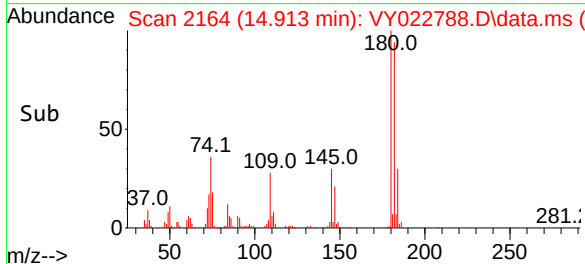
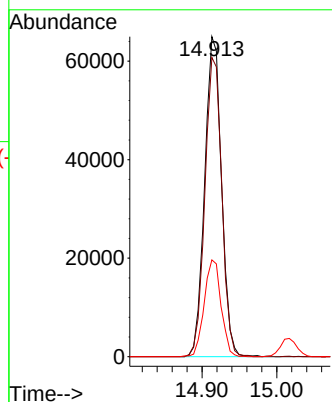
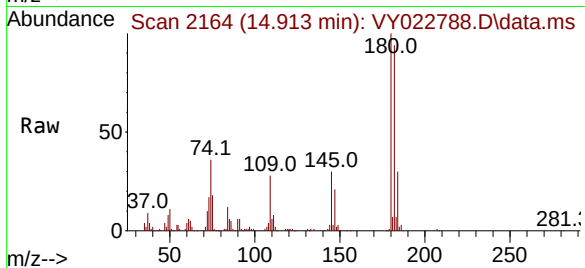
Tgt Ion:180 Resp: 101486

Ion Ratio Lower Upper

180 100

182 93.9 48.4 145.3

145 30.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.676 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022788.D

Acq: 24 Jun 2025 11:21

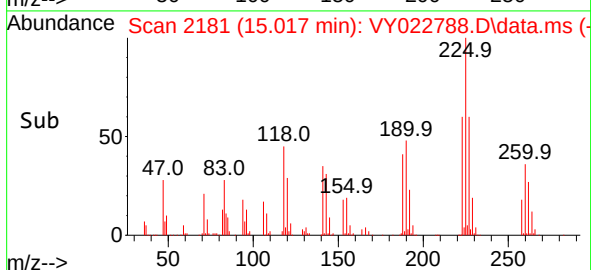
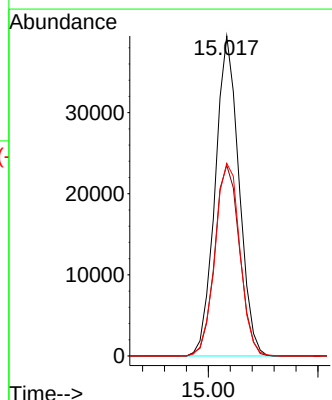
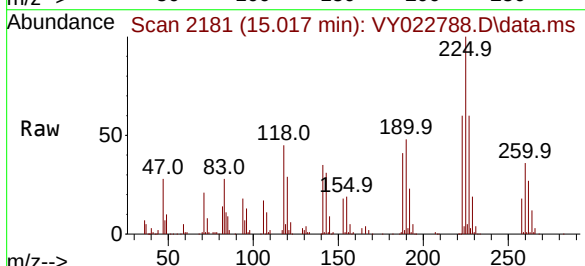
Tgt Ion:225 Resp: 59456

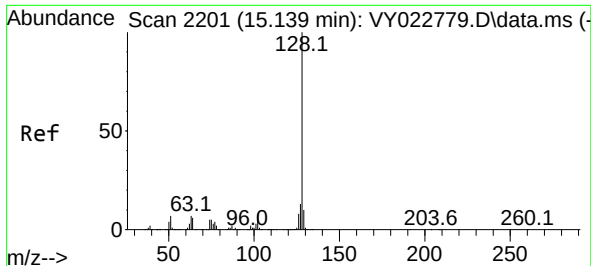
Ion Ratio Lower Upper

225 100

223 62.1 32.5 97.4

227 63.0 32.3 96.9

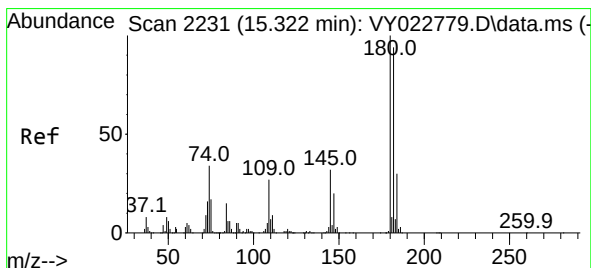
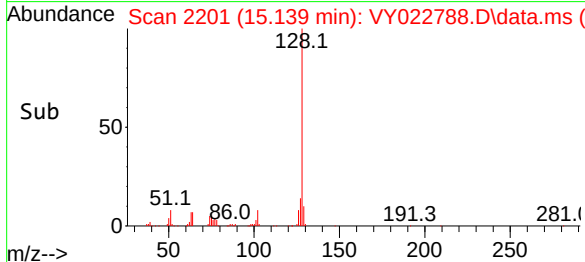
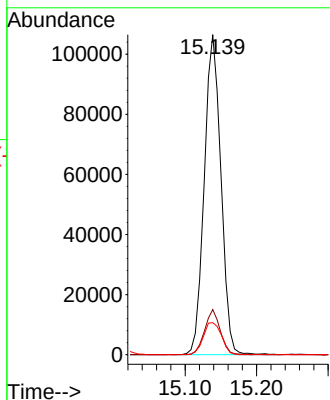
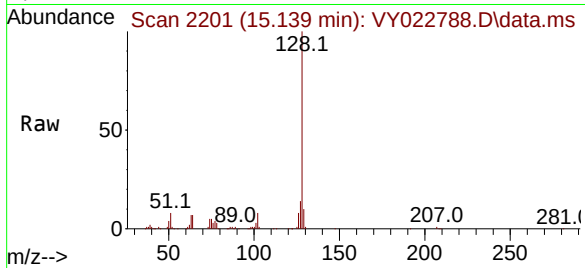




#95
Naphthalene
Concen: 18.731 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0624SBSD01

Tgt Ion:128 Resp: 172250
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.477 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY022788.D
Acq: 24 Jun 2025 11:21

Tgt Ion:180 Resp: 85584
Ion Ratio Lower Upper
180 100
182 97.2 47.1 141.3
145 32.1 15.2 45.6

