

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022762.D
 Acq On : 20 Jun 2025 13:11
 Operator : SY/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBS01

Quant Time: Jun 21 02:39:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	121362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	214732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	182327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	83763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	75159	55.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.740%	
35) Dibromofluoromethane	7.634	113	70088	54.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.360%	
50) Toluene-d8	10.109	98	275614	53.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.440%	
62) 4-Bromofluorobenzene	12.408	95	78548	50.905	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	23815	21.918	ug/l	94
3) Chloromethane	2.068	50	73502	22.898	ug/l	97
4) Vinyl Chloride	2.202	62	84294	22.637	ug/l	97
5) Bromomethane	2.592	94	90410	25.331	ug/l	98
6) Chloroethane	2.733	64	61393	24.020	ug/l	92
7) Trichlorofluoromethane	3.056	101	71551	22.634	ug/l	100
8) Diethyl Ether	3.452	74	15072	21.171	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	30759	23.102	ug/l	99
10) Methyl Iodide	4.007	142	30685	21.296	ug/l	97
11) Tert butyl alcohol	4.872	59	9676	99.806	ug/l	98
12) 1,1-Dichloroethene	3.793	96	28146	22.116	ug/l	99
13) Acrolein	3.653	56	6733	55.727	ug/l	97
14) Allyl chloride	4.379	41	42925	21.485	ug/l	98
15) Acrylonitrile	5.061	53	33838	112.228	ug/l	98
16) Acetone	3.873	43	36181	131.252	ug/l	93
17) Carbon Disulfide	4.104	76	86818	21.307	ug/l	98
18) Methyl Acetate	4.391	43	18573	22.752	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	77093	21.507	ug/l	98
20) Methylene Chloride	4.616	84	39717	25.364	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	32855	23.066	ug/l	94
22) Diisopropyl ether	6.025	45	100381	22.572	ug/l	92
23) Vinyl Acetate	5.964	43	276210	104.935	ug/l	100
24) 1,1-Dichloroethane	5.915	63	62750	23.951	ug/l	98
25) 2-Butanone	6.896	43	46008	115.707	ug/l	92
26) 2,2-Dichloropropane	6.884	77	53538	23.128	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	38378	23.311	ug/l	100
28) Bromochloromethane	7.250	49	26775	23.445	ug/l	97
29) Tetrahydrofuran	7.262	42	25497	99.420	ug/l	98
30) Chloroform	7.427	83	64154	24.722	ug/l	92
31) Cyclohexane	7.701	56	52488	20.124	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	55292	24.002	ug/l	98
36) 1,1-Dichloropropene	7.835	75	44270	21.282	ug/l	99
37) Ethyl Acetate	6.988	43	18041	19.448	ug/l	97
38) Carbon Tetrachloride	7.823	117	45188	21.176	ug/l	97
39) Methylcyclohexane	9.109	83	52543	18.796	ug/l	96
40) Benzene	8.085	78	141325	23.002	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	9902	18.274	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	38188	22.764	ug/l	100
43) Isopropyl Acetate	8.195	43	39270	19.601	ug/l	98
44) Trichloroethene	8.866	130	33950	22.609	ug/l	93
45) 1,2-Dichloropropane	9.146	63	33245	22.895	ug/l	96
46) Dibromomethane	9.231	93	17997	22.031	ug/l	98
47) Bromodichloromethane	9.426	83	48115	23.229	ug/l	97
48) Methyl methacrylate	9.225	41	18753	19.944	ug/l	99
49) 1,4-Dioxane	9.244	88	3619	373.948	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	97947	98.057	ug/l	99
52) Toluene	10.170	92	85504	22.145	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	40004	20.612	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	49566	21.940	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	23214	22.286	ug/l	93
56) Ethyl methacrylate	10.445	69	27697	18.397	ug/l	98
57) 1,3-Dichloropropane	10.719	76	40899	22.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	72909	106.664	ug/l	100
59) 2-Hexanone	10.762	43	67554	101.122	ug/l	100
60) Dibromochloromethane	10.914	129	28481	21.515	ug/l	98
61) 1,2-Dibromoethane	11.012	107	20416	21.504	ug/l	98
64) Tetrachloroethene	10.646	164	37378	23.832	ug/l	98
65) Chlorobenzene	11.444	112	88859	22.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	29530	21.726	ug/l	97
67) Ethyl Benzene	11.518	91	157546	21.053	ug/l	98
68) m/p-Xylenes	11.627	106	118227	41.675	ug/l	100
69) o-Xylene	11.956	106	55278	20.783	ug/l	99
70) Styrene	11.969	104	91693	20.856	ug/l	98
71) Bromoform	12.133	173	14354	19.846	ug/l #	99
73) Isopropylbenzene	12.255	105	145384	21.141	ug/l	100
74) N-amyl acetate	12.072	43	31417	18.106	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	22850	20.245	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	34000	35.480	ug/l #	100
77) Bromobenzene	12.530	156	31097	21.428	ug/l	97
78) n-propylbenzene	12.591	91	177896	21.180	ug/l	100
79) 2-Chlorotoluene	12.676	91	95045	21.350	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	114015	21.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	7529	18.974	ug/l	95
82) 4-Chlorotoluene	12.773	91	97033	21.129	ug/l	97
83) tert-Butylbenzene	12.999	119	101082	20.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	112812	20.891	ug/l	99
85) sec-Butylbenzene	13.176	105	151982	20.479	ug/l	98
86) p-Isopropyltoluene	13.292	119	123121	20.127	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	64155	21.819	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	62291	21.843	ug/l	99
89) n-Butylbenzene	13.615	91	121842	20.993	ug/l	98
90) Hexachloroethane	13.877	117	25630	21.521	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	53851	21.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3736	22.735	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	29102	21.375	ug/l	97
94) Hexachlorobutadiene	15.023	225	16541	22.012	ug/l	95
95) Naphthalene	15.145	128	52664	20.156	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	25030	21.451	ug/l	99

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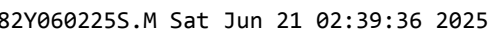
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

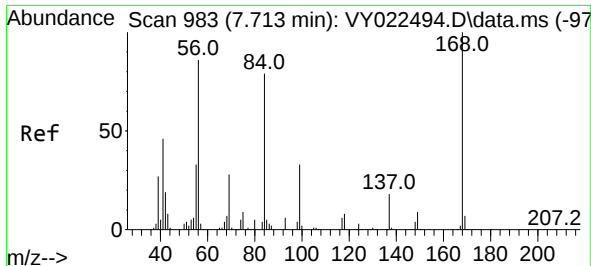
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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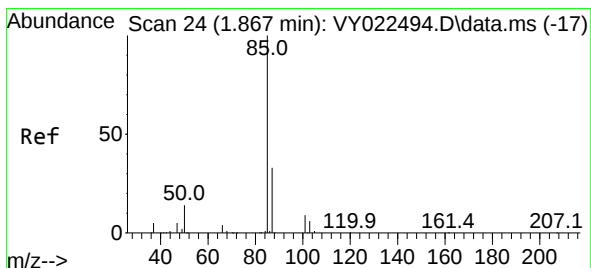
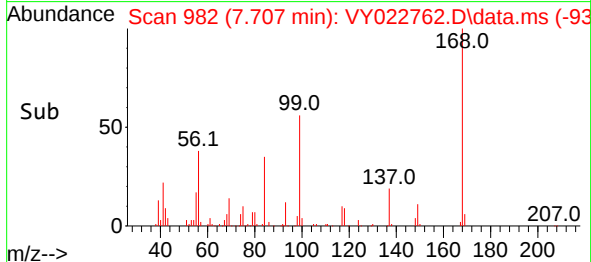
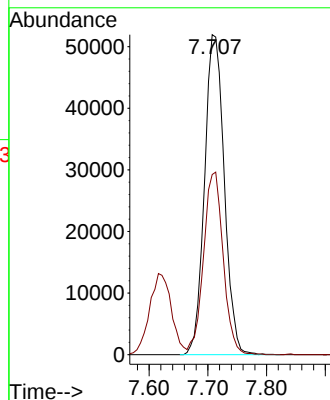
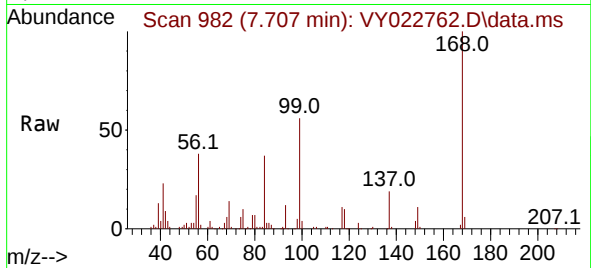




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
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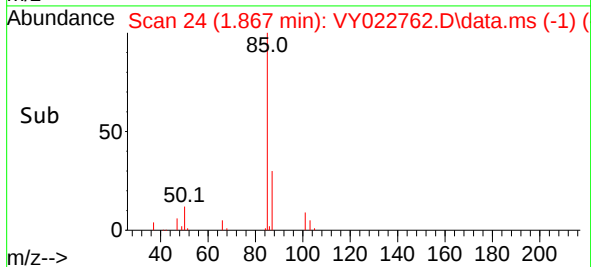
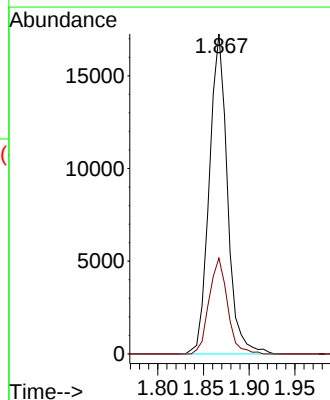
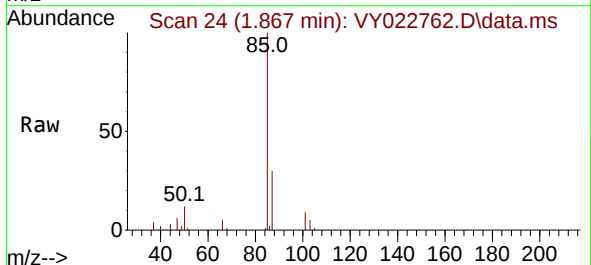
Instrument :
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ClientSampleId :
VY0620SBSD01

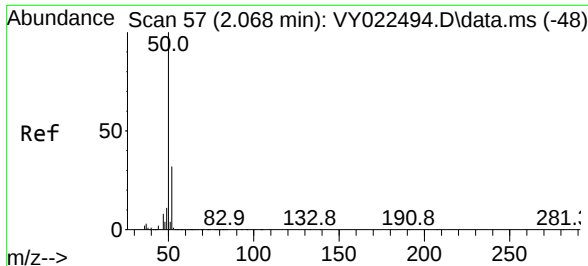
Tgt Ion:168 Resp: 121362
Ion Ratio Lower Upper
168 100
99 56.3 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.918 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 85 Resp: 23815
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.0

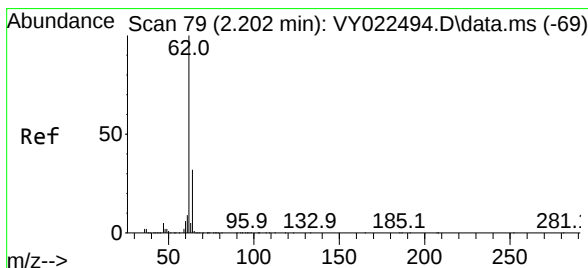
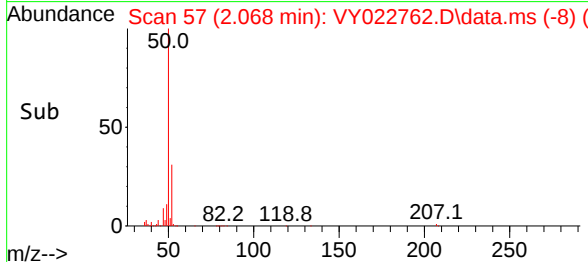
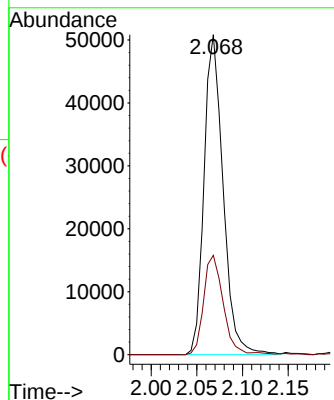
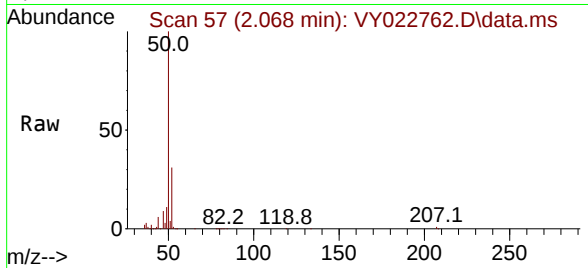




#3
Chloromethane
Concen: 22.898 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

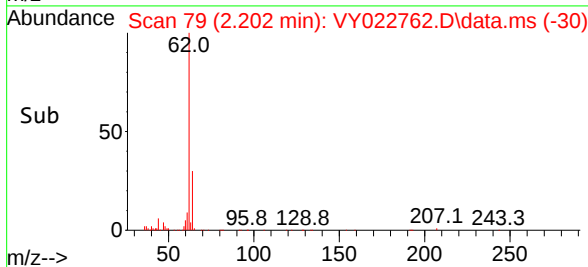
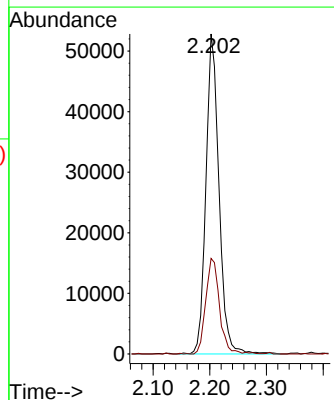
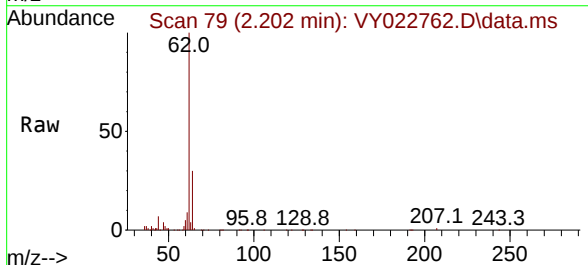
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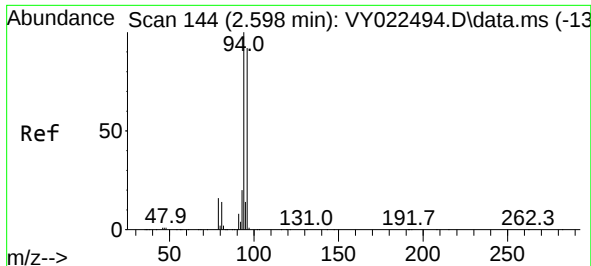
Tgt Ion: 50 Resp: 73502
Ion Ratio Lower Upper
50 100
52 31.0 26.0 39.0



#4
Vinyl Chloride
Concen: 22.637 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 62 Resp: 84294
Ion Ratio Lower Upper
62 100
64 29.9 25.3 37.9

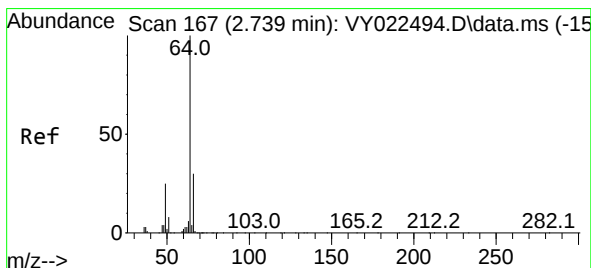
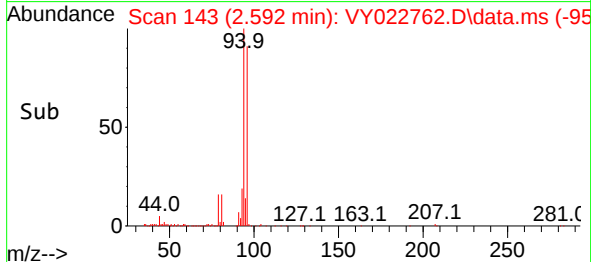
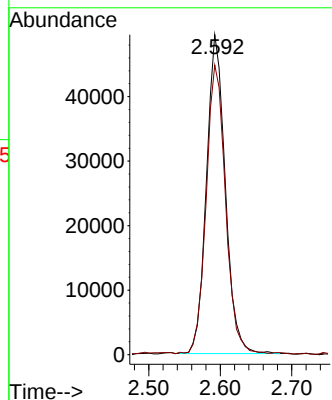
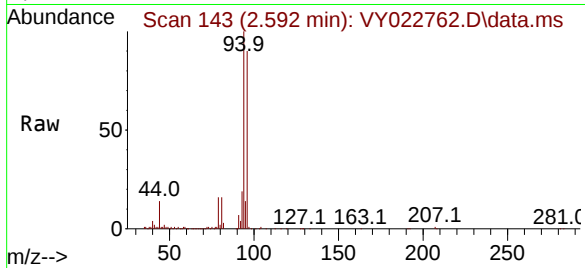




#5
Bromomethane
Concen: 25.331 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

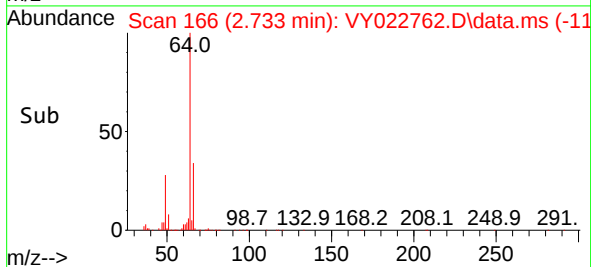
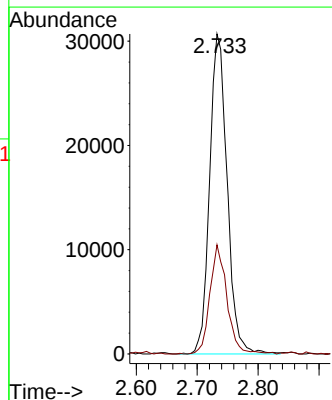
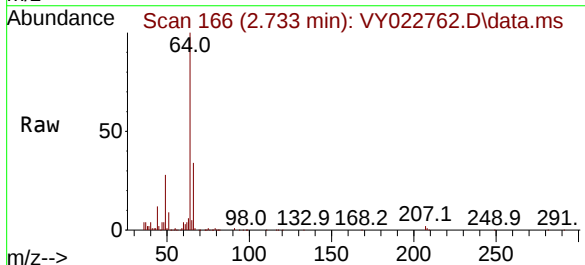
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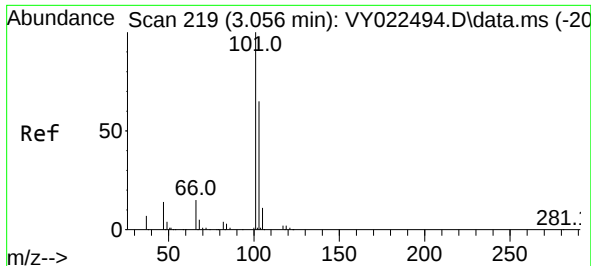
Tgt Ion: 94 Resp: 90410
Ion Ratio Lower Upper
94 100
96 90.1 74.0 111.0



#6
Chloroethane
Concen: 24.020 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022762.D
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Tgt Ion: 64 Resp: 61393
Ion Ratio Lower Upper
64 100
66 33.9 23.8 35.6

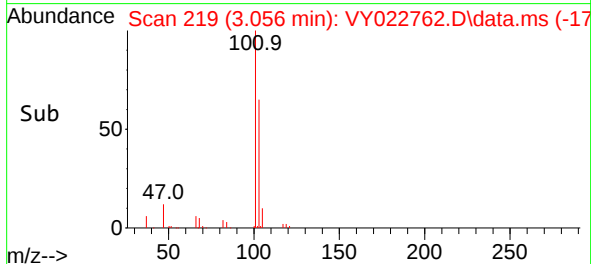
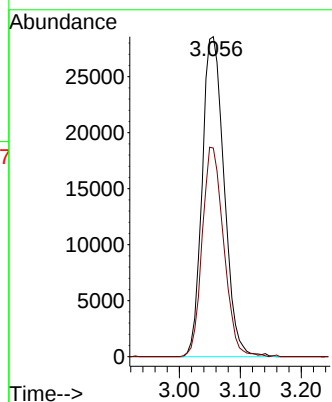
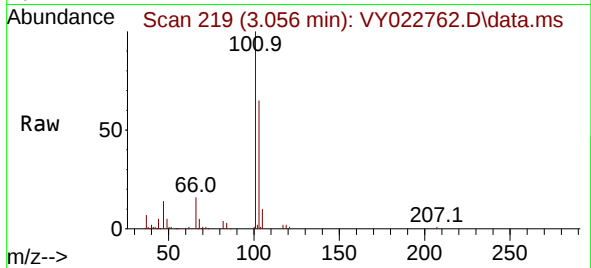




#7
Trichlorofluoromethane
Concen: 22.634 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

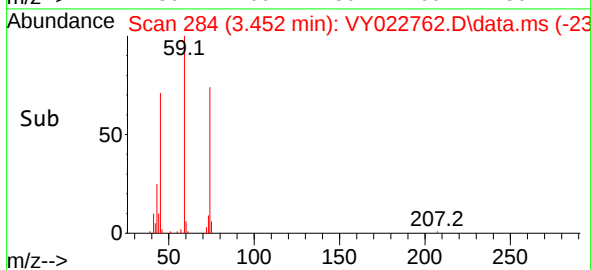
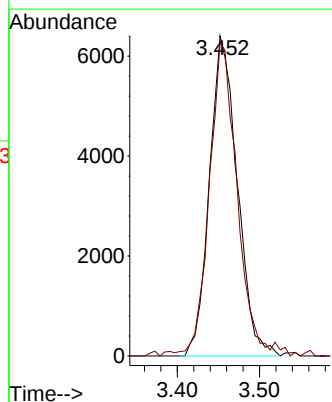
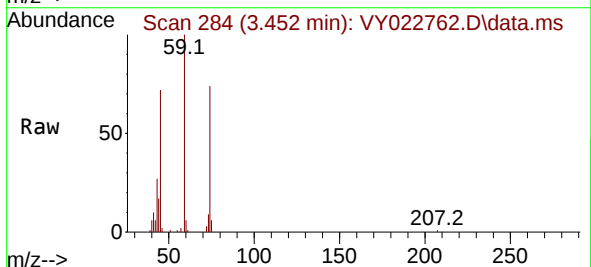
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

Tgt Ion:101 Resp: 71551
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2



#8
Diethyl Ether
Concen: 21.171 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 74 Resp: 15072
Ion Ratio Lower Upper
74 100
45 93.8 45.9 137.6

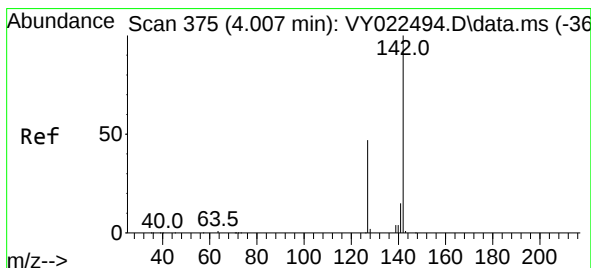
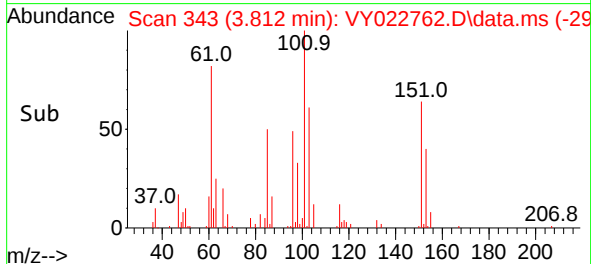
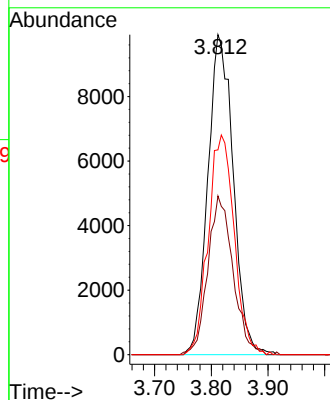
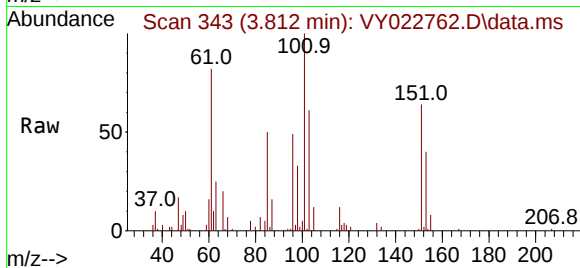




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.102 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022762.D
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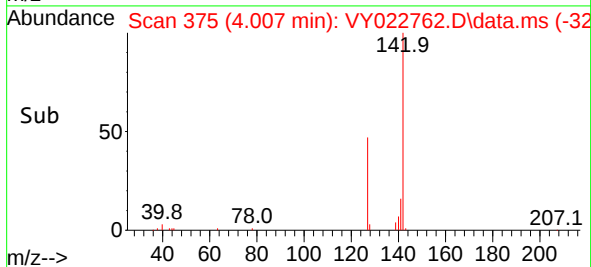
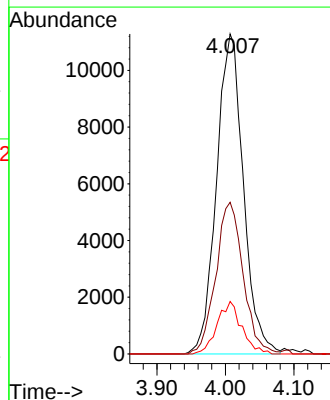
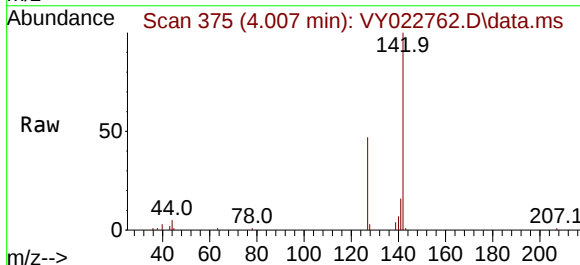
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

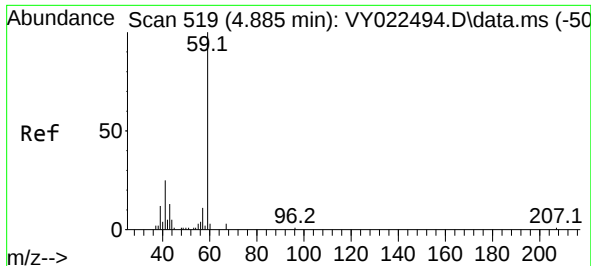
Tgt Ion:101 Resp: 30759
Ion Ratio Lower Upper
101 100
85 49.3 39.3 58.9
151 70.5 57.8 86.8



#10
Methyl Iodide
Concen: 21.296 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion:142 Resp: 30685
Ion Ratio Lower Upper
142 100
127 48.2 37.1 55.7
141 15.0 11.4 17.2

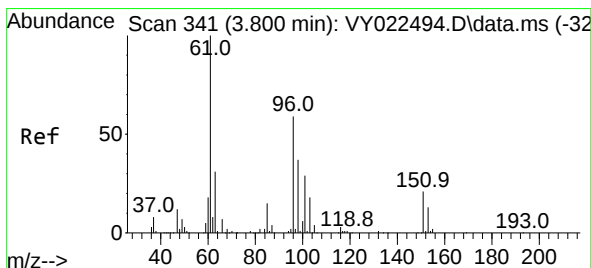
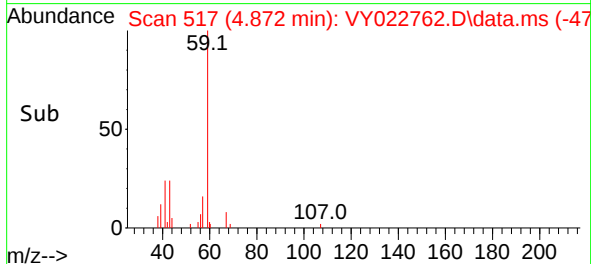
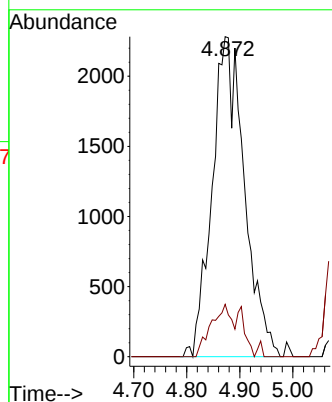
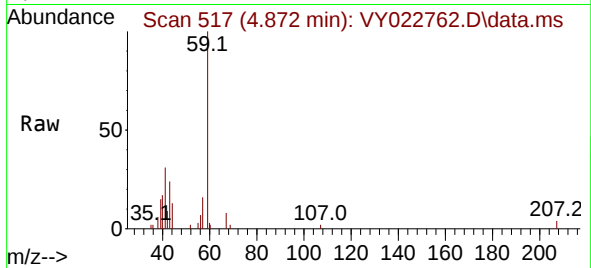




#11
Tert butyl alcohol
Concen: 99.806 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

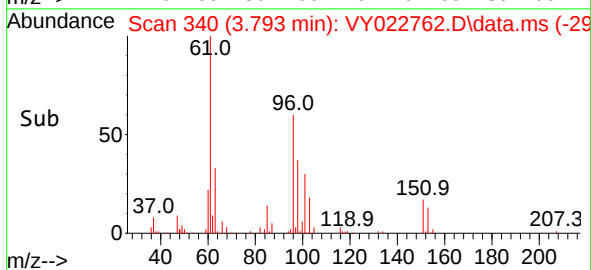
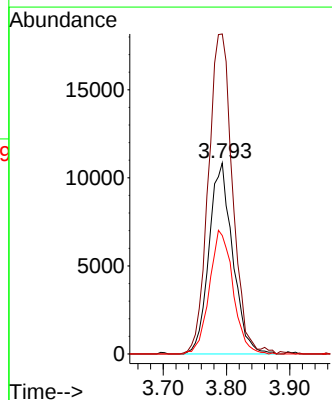
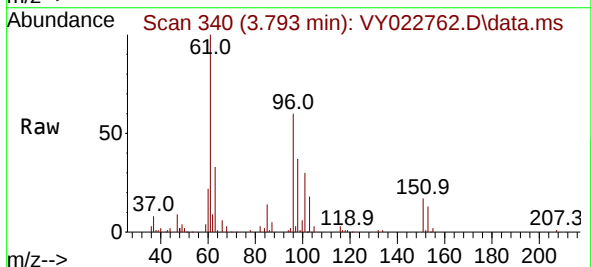
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

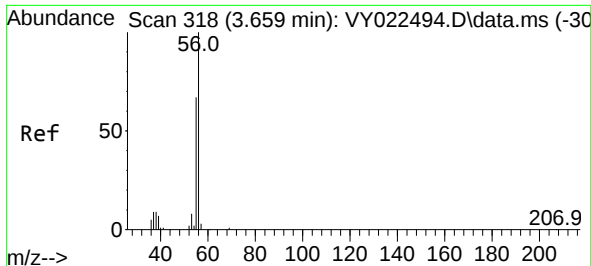
Tgt Ion: 59 Resp: 9676
Ion Ratio Lower Upper
59 100
57 10.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 22.116 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 96 Resp: 28146
Ion Ratio Lower Upper
96 100
61 167.5 134.6 201.8
98 62.0 50.2 75.4

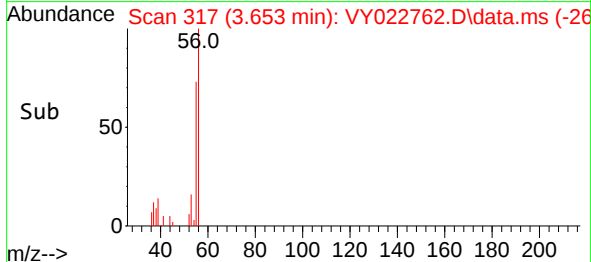
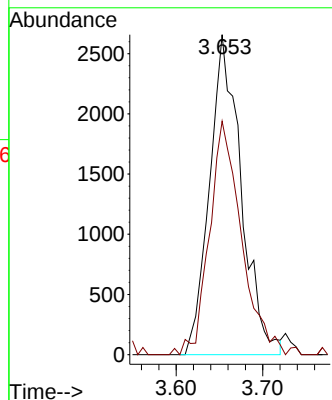
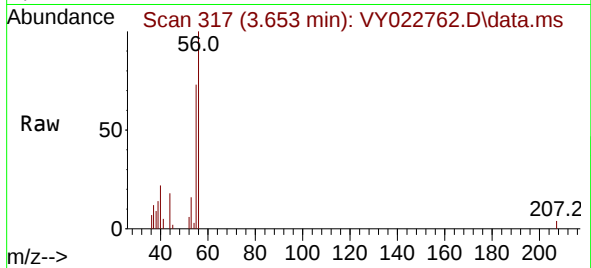




#13
Acrolein
Concen: 55.727 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

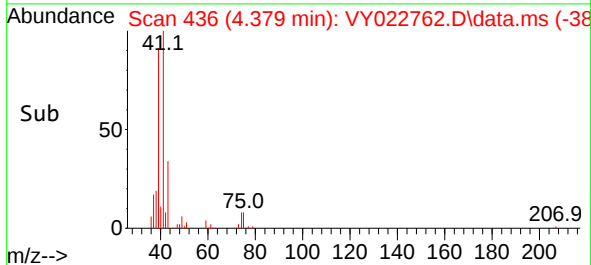
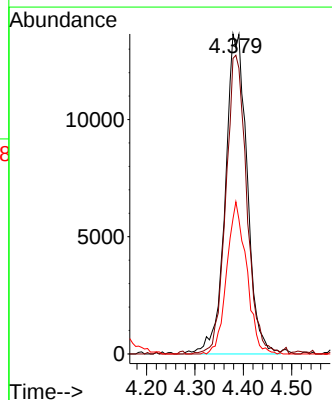
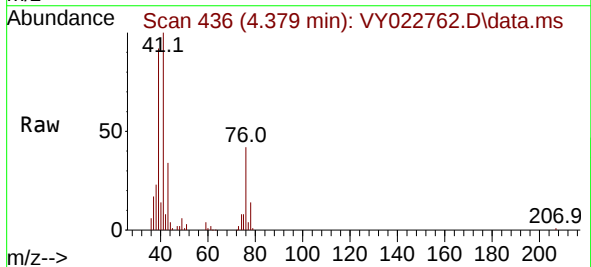
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

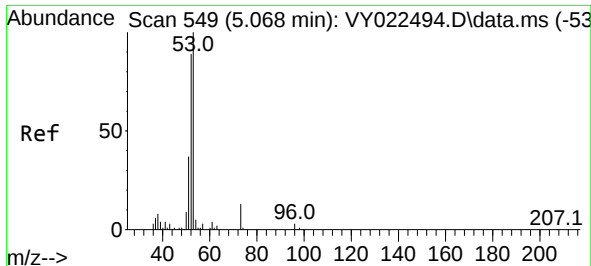
Tgt Ion: 56 Resp: 6733
Ion Ratio Lower Upper
56 100
55 73.7 57.0 85.6



#14
Allyl chloride
Concen: 21.485 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 41 Resp: 42925
Ion Ratio Lower Upper
41 100
39 89.0 69.1 103.7
76 43.1 33.5 50.3

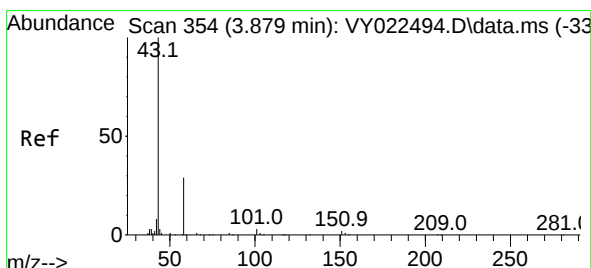
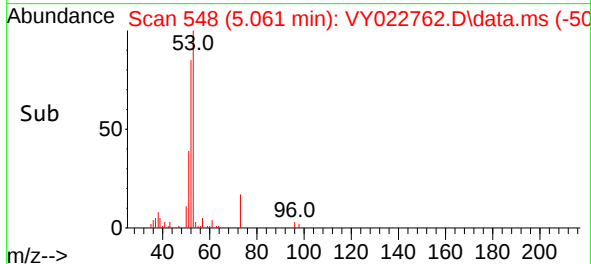
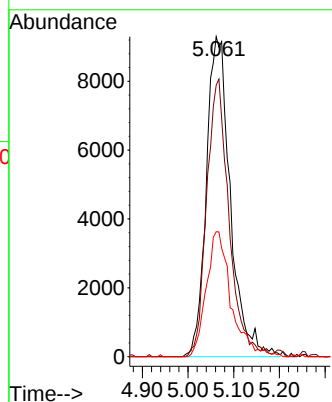
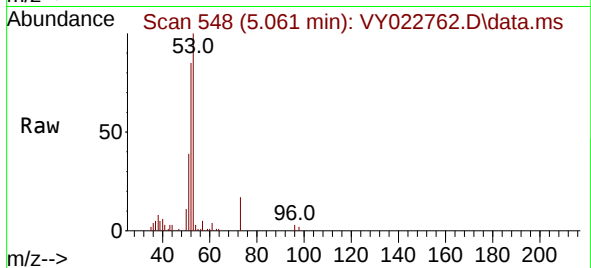




#15
Acrylonitrile
Concen: 112.228 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

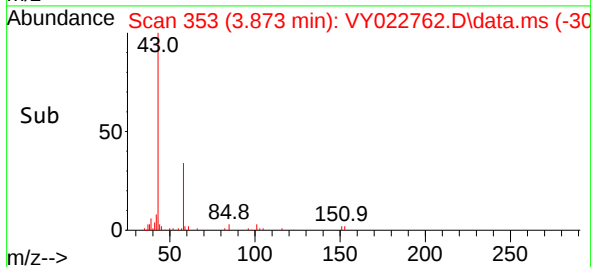
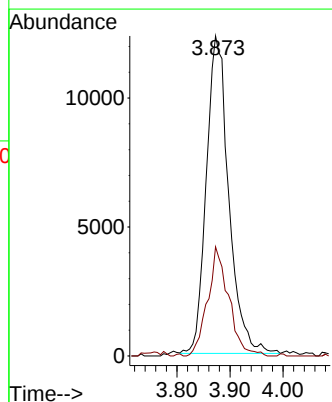
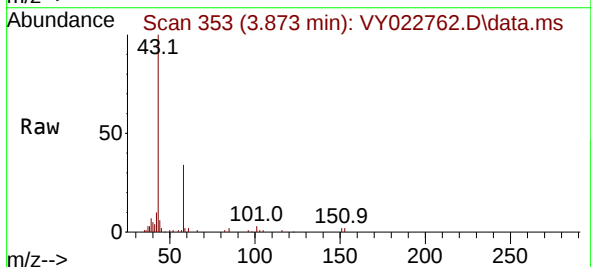
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

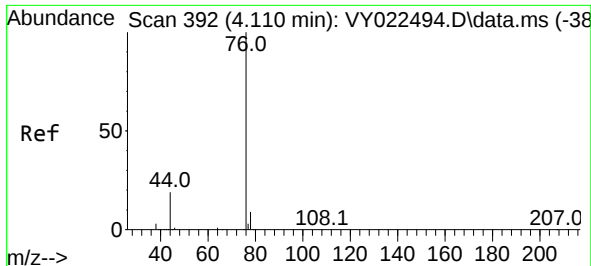
Tgt Ion: 53 Resp: 33838
Ion Ratio Lower Upper
53 100
52 80.9 65.7 98.5
51 40.6 30.1 45.1



#16
Acetone
Concen: 131.252 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 43 Resp: 36181
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0

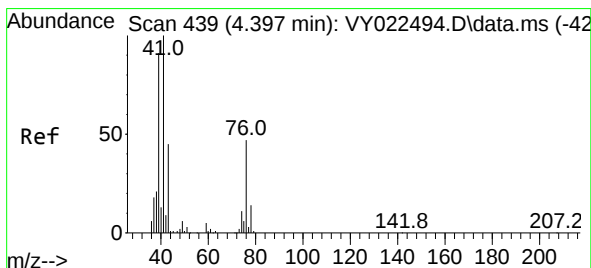
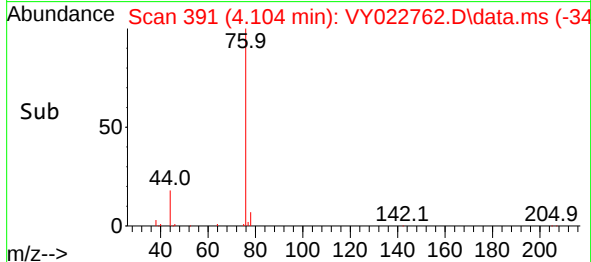
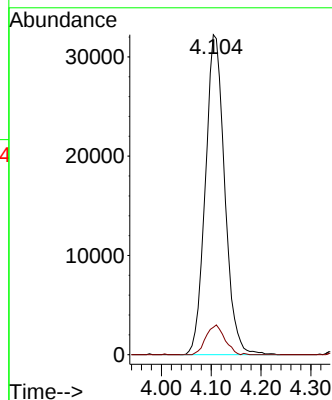
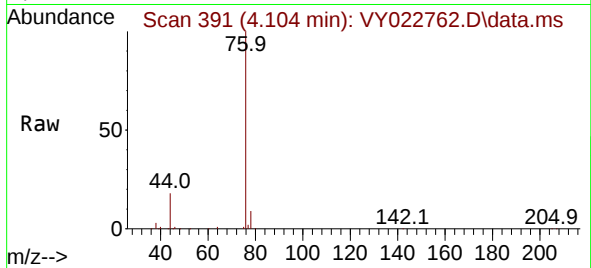




#17
Carbon Disulfide
Concen: 21.307 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

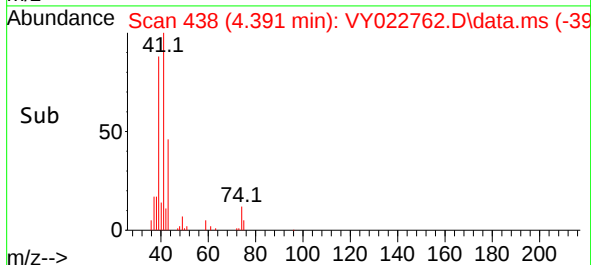
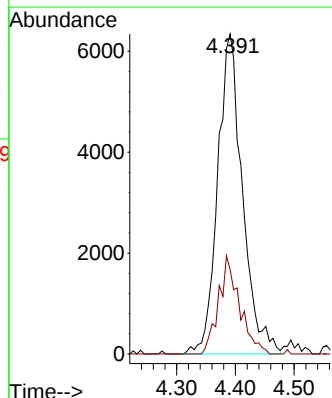
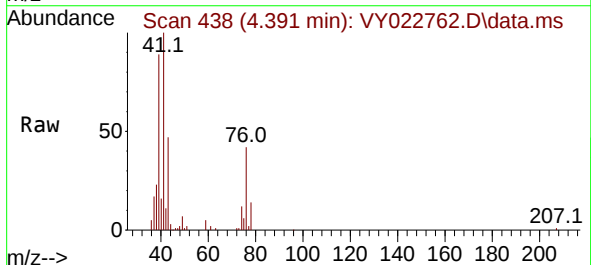
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

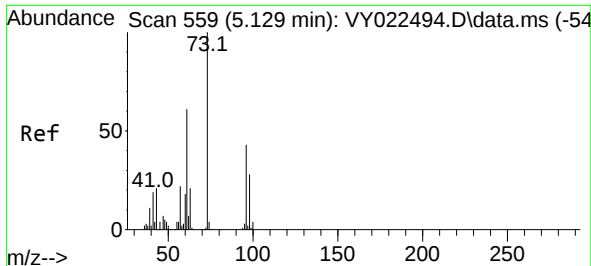
Tgt Ion: 76 Resp: 86818
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 22.752 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 43 Resp: 18573
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.6

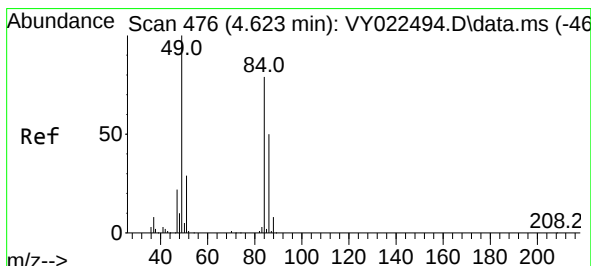
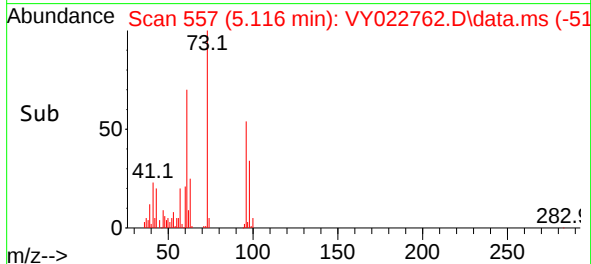
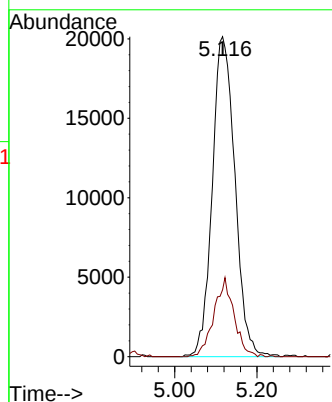
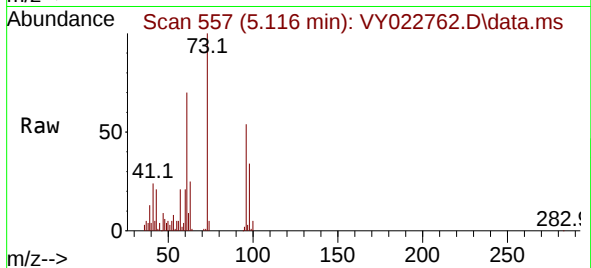




#19
Methyl tert-butyl Ether
Concen: 21.507 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

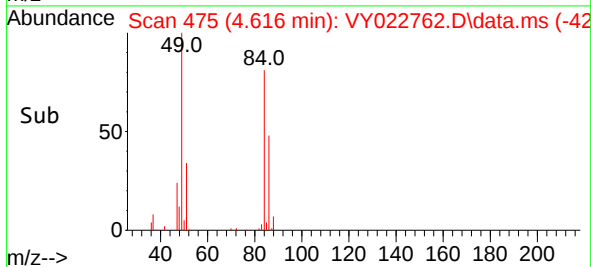
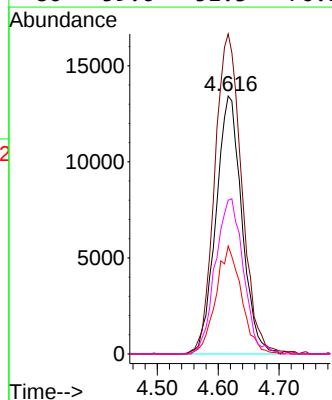
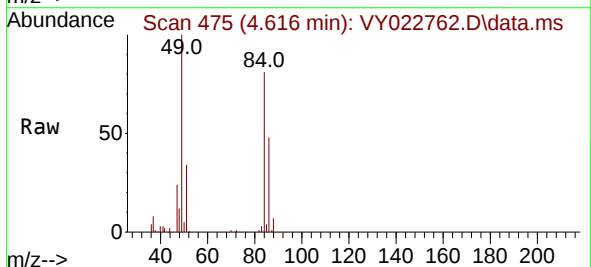
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

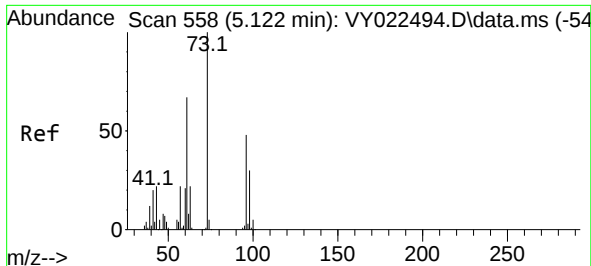
Tgt Ion: 73 Resp: 77093
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 25.364 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 84 Resp: 39717
Ion Ratio Lower Upper
84 100
49 124.1 101.9 152.9
51 41.8 29.8 44.8
86 59.6 51.3 76.9

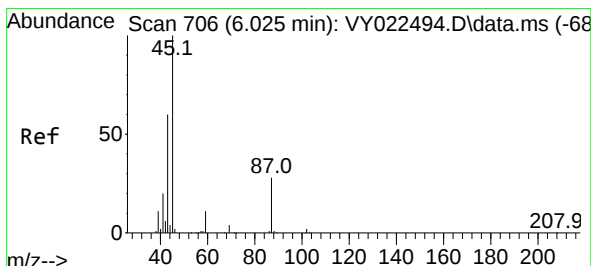
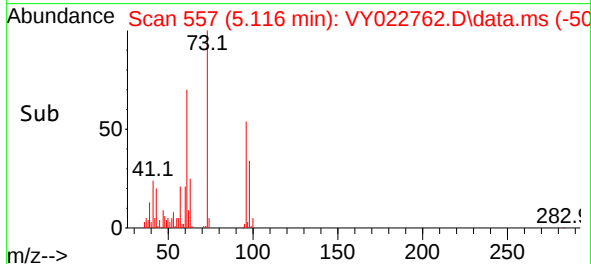
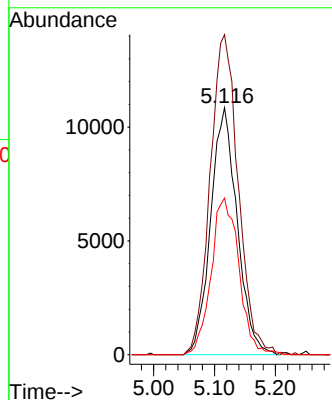
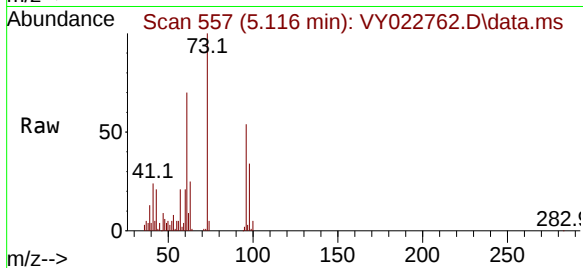




#21
trans-1,2-Dichloroethene
Concen: 23.066 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

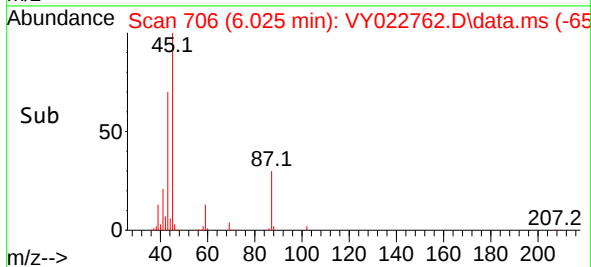
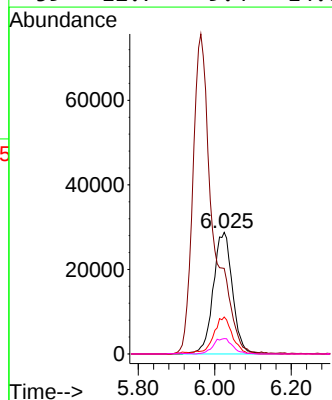
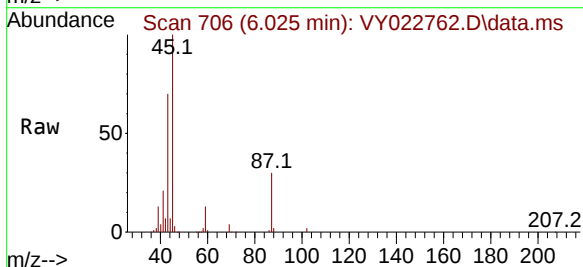
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

Tgt Ion: 96 Resp: 32855
Ion Ratio Lower Upper
96 100
61 129.6 112.6 169.0
98 63.5 50.6 75.8



#22
Diisopropyl ether
Concen: 22.572 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 45 Resp: 100381
Ion Ratio Lower Upper
45 100
43 69.5 48.3 72.5
87 30.4 23.0 34.6
59 12.7 9.4 14.0

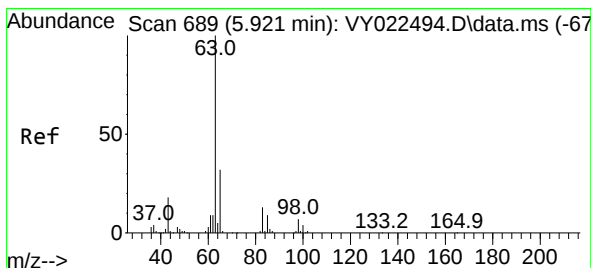
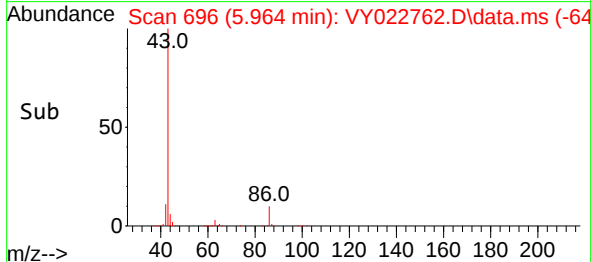
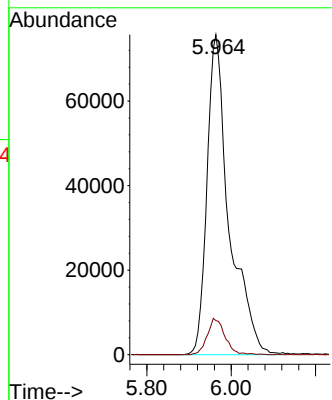
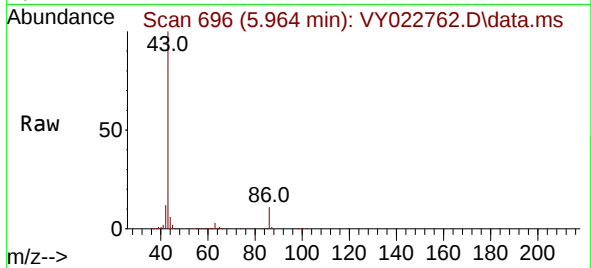




#23
 Vinyl Acetate
 Concen: 104.935 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

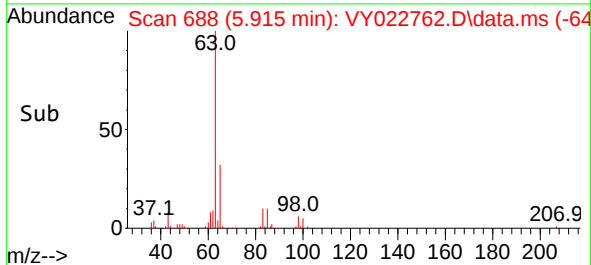
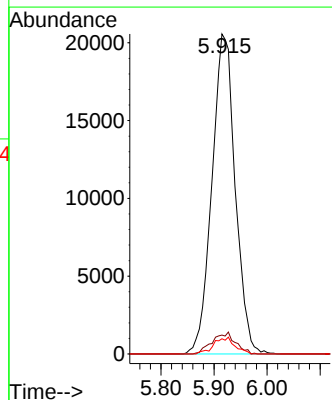
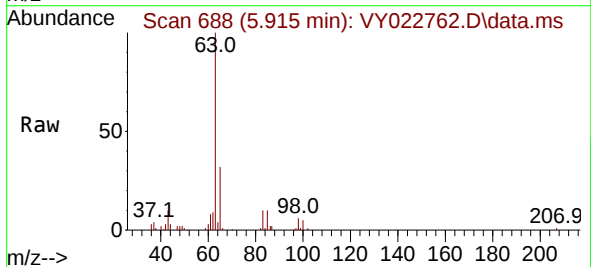
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBS01

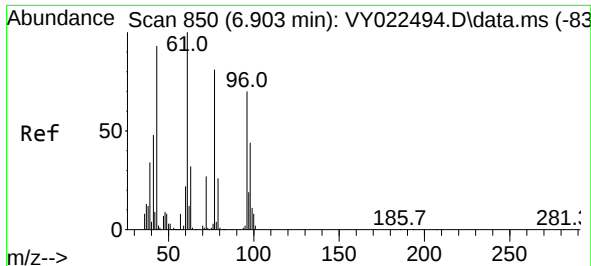
Tgt Ion: 43 Resp: 276210
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.951 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

Tgt Ion: 63 Resp: 62750
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 115.707 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

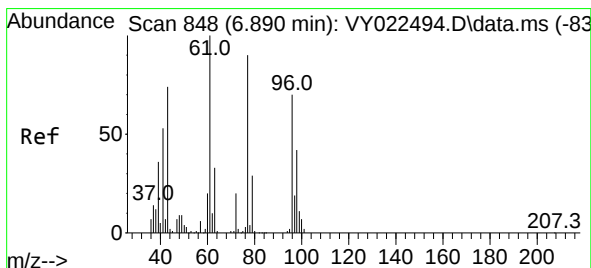
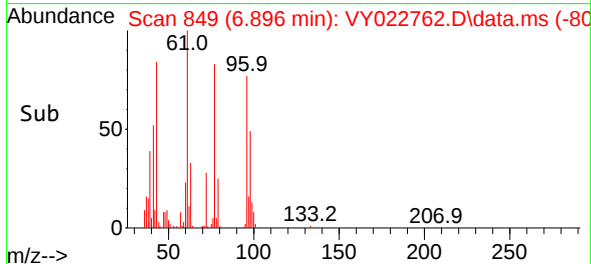
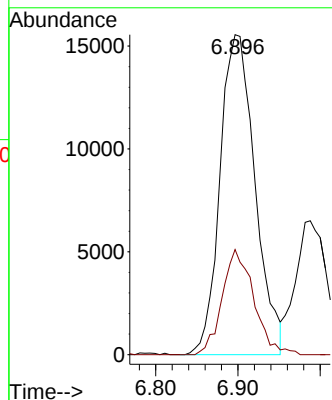
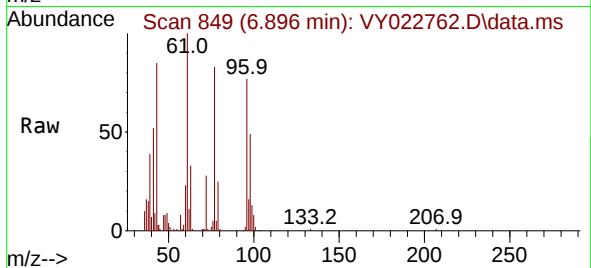
VY0620SBS01

Tgt Ion: 43 Resp: 46008

Ion Ratio Lower Upper

43 100

72 32.8 22.9 34.3



#26

2,2-Dichloropropane

Concen: 23.128 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022762.D

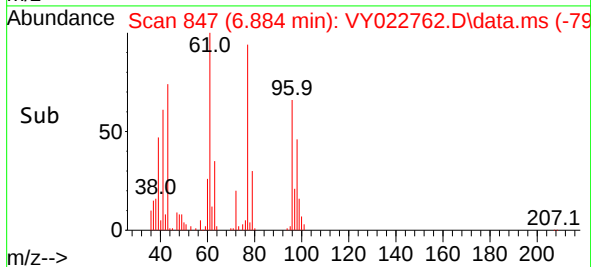
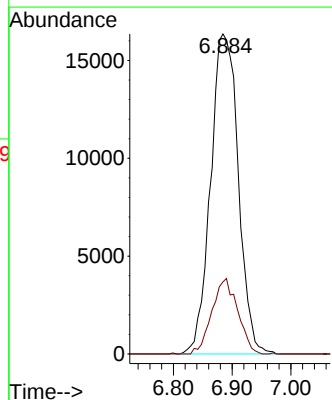
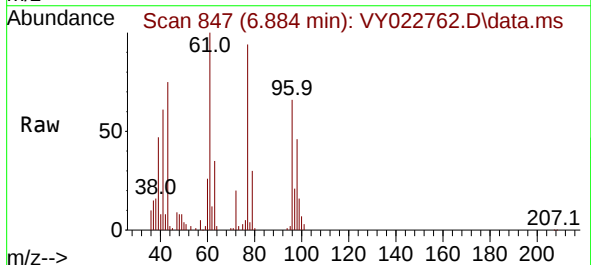
Acq: 20 Jun 2025 13:11

Tgt Ion: 77 Resp: 53538

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 23.311 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

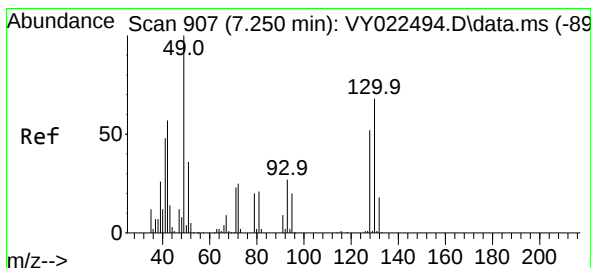
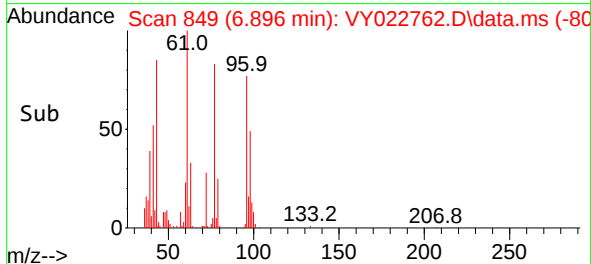
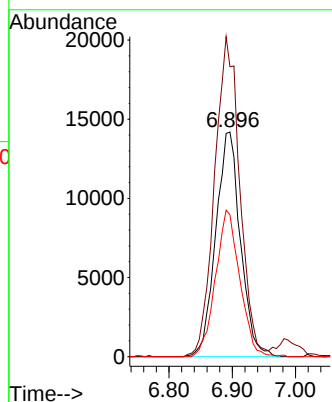
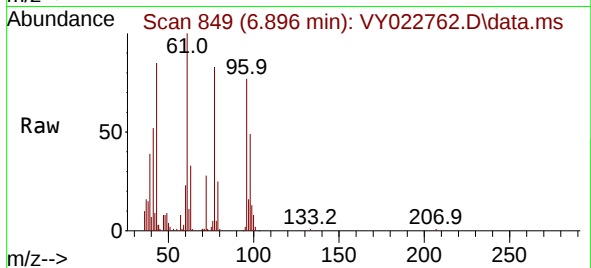
Tgt Ion: 96 Resp: 38378

Ion Ratio Lower Upper

96 100

61 145.2 0.0 290.0

98 64.4 0.0 128.4



#28

Bromochloromethane

Concen: 23.445 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

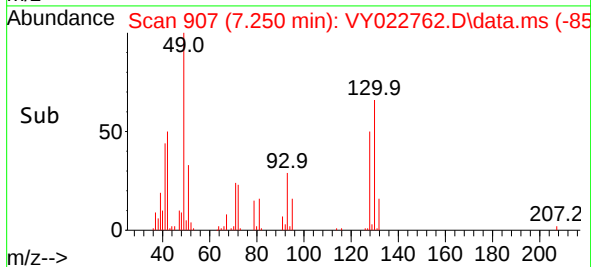
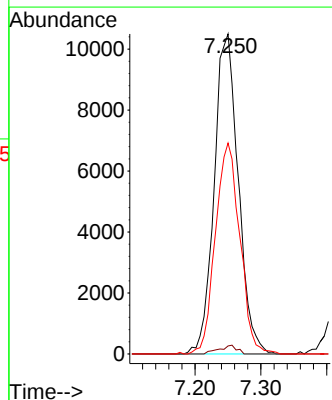
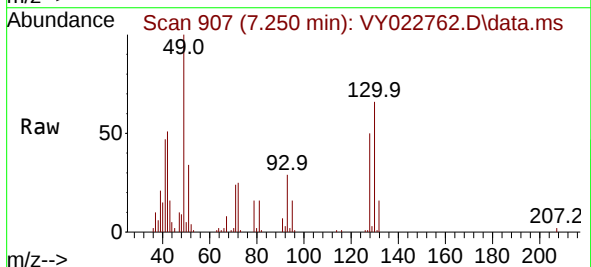
Tgt Ion: 49 Resp: 26775

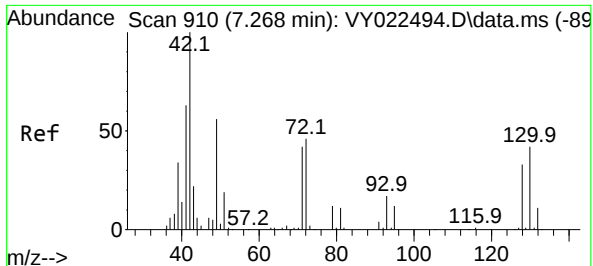
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 66.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 99.420 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

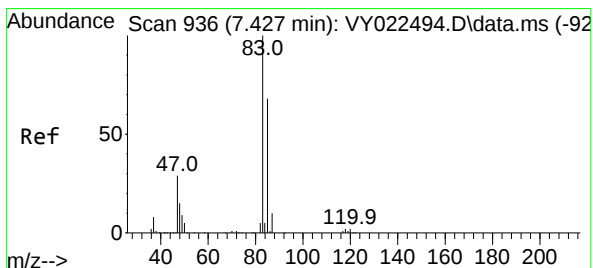
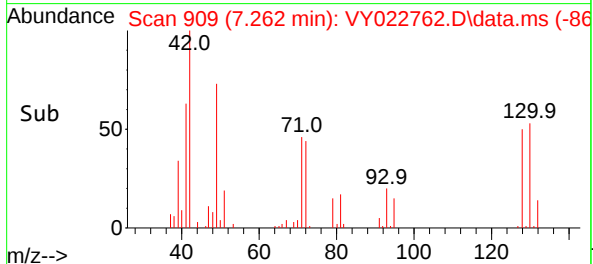
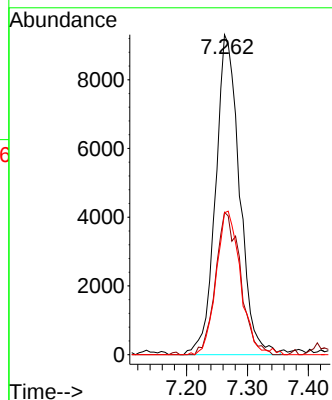
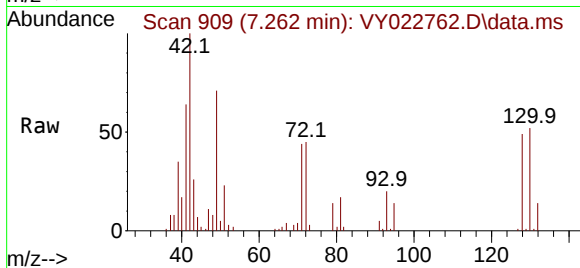
Tgt Ion: 42 Resp: 25497

Ion Ratio Lower Upper

42 100

72 46.3 37.4 56.2

71 45.3 34.2 51.2



#30

Chloroform

Concen: 24.722 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022762.D

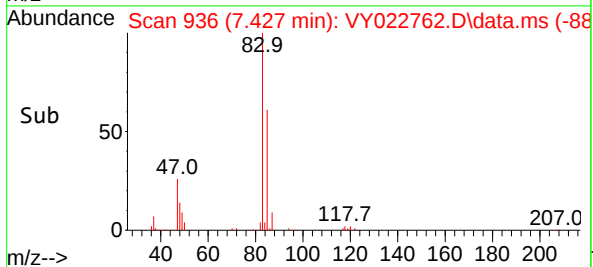
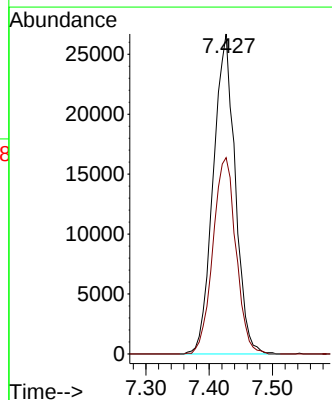
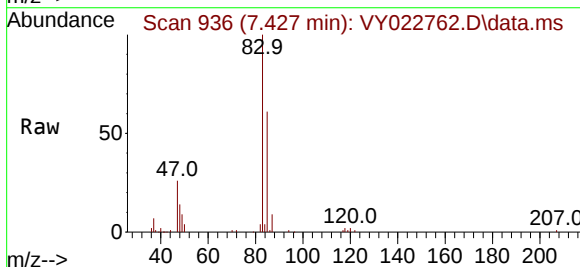
Acq: 20 Jun 2025 13:11

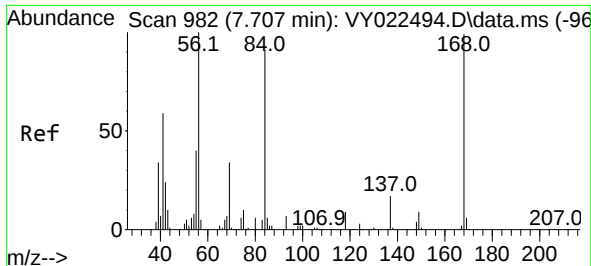
Tgt Ion: 83 Resp: 64154

Ion Ratio Lower Upper

83 100

85 61.3 54.2 81.4

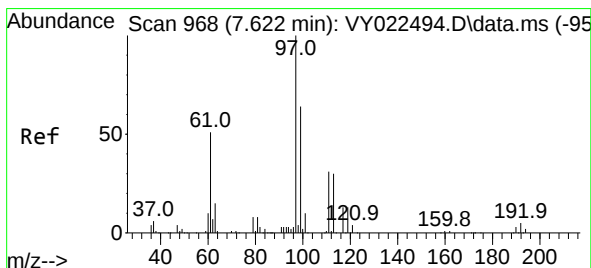
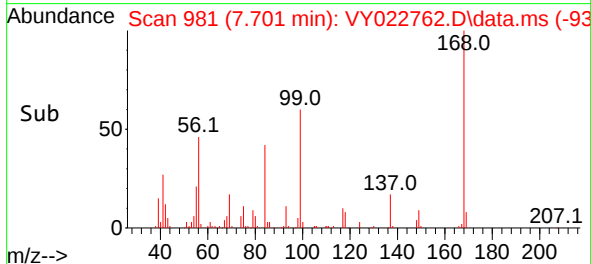
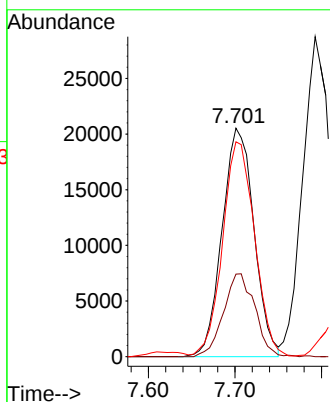
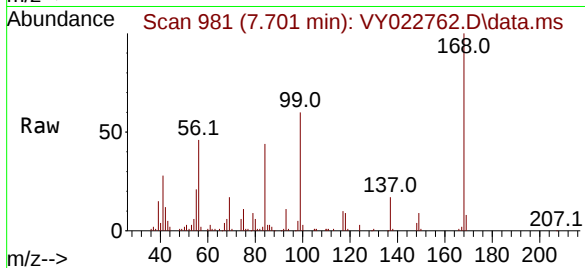




#31
Cyclohexane
Concen: 20.124 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

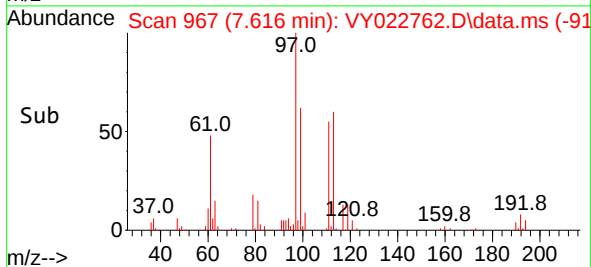
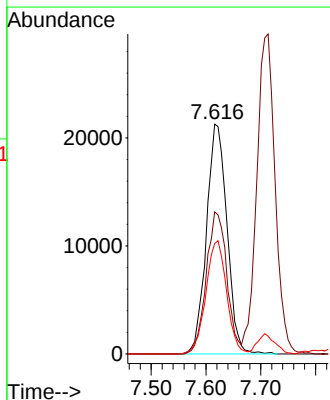
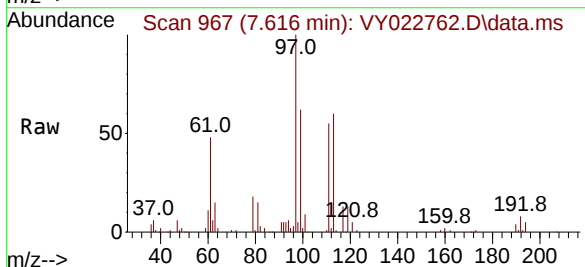
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

Tgt Ion: 56 Resp: 52488
Ion Ratio Lower Upper
56 100
69 36.2 27.0 40.6
84 92.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 24.002 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 97 Resp: 55292
Ion Ratio Lower Upper
97 100
99 61.8 50.9 76.3
61 49.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.371 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

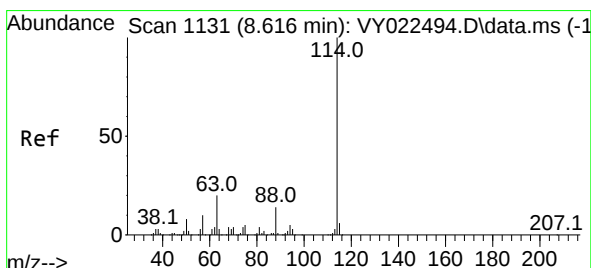
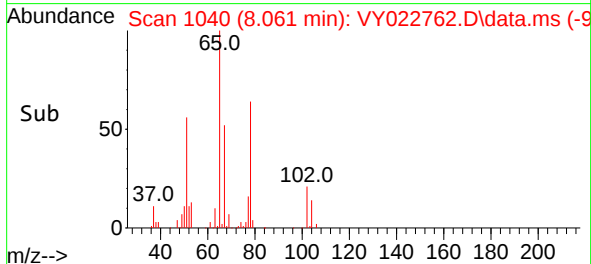
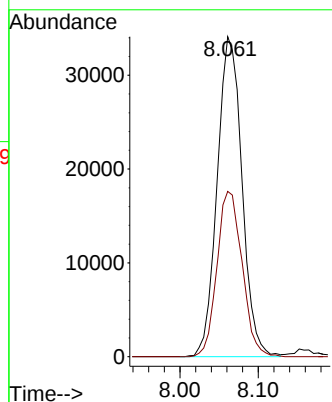
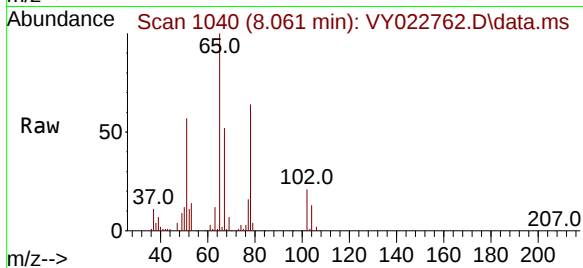
VY0620SBS01

Tgt Ion: 65 Resp: 75159

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

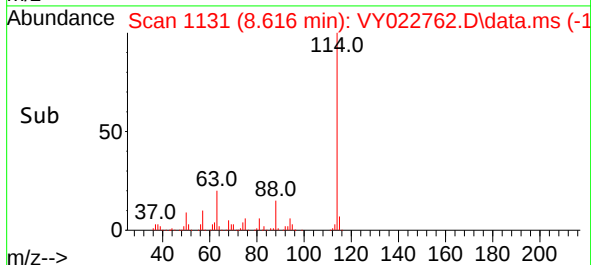
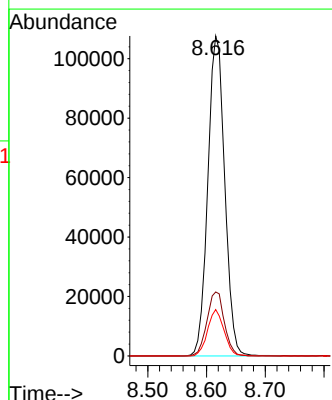
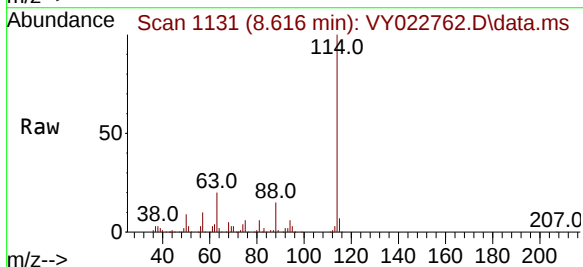
Tgt Ion: 114 Resp: 214732

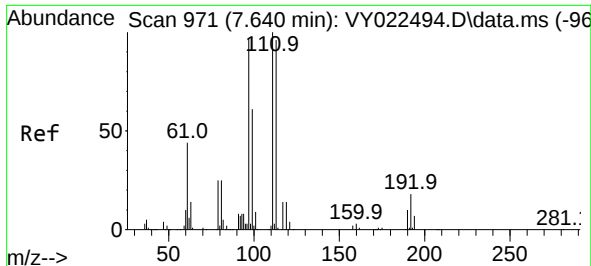
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 14.5 0.0 27.8

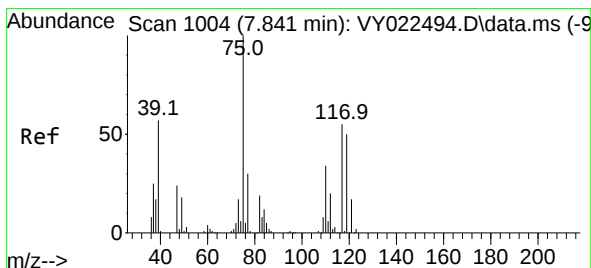
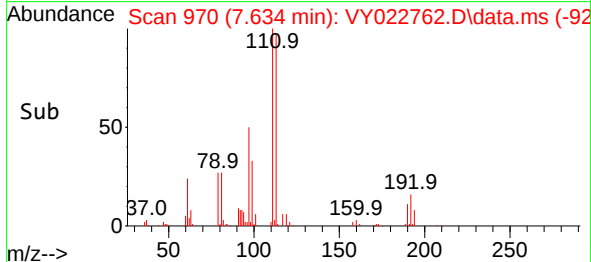
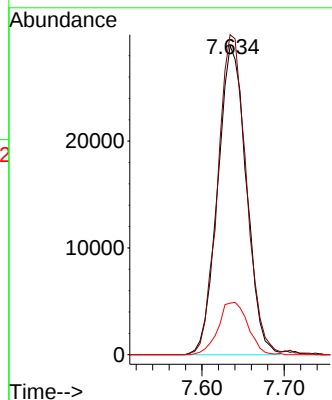
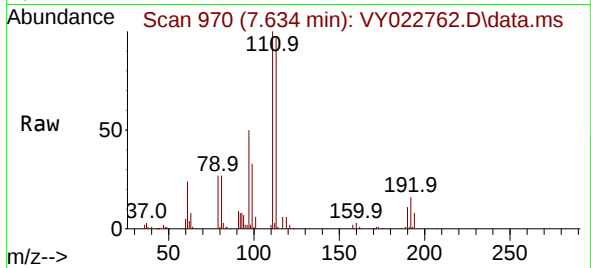




#35
Dibromofluoromethane
Concen: 54.684 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

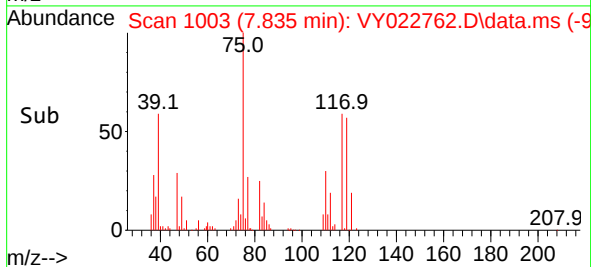
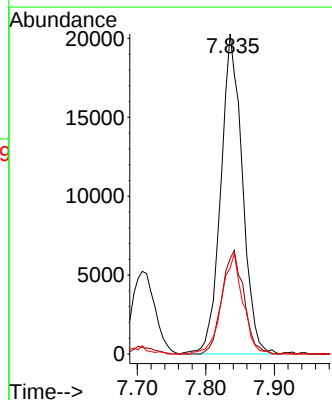
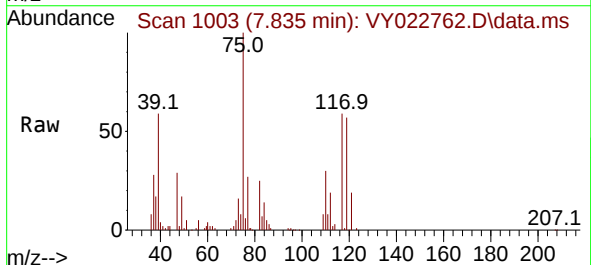
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

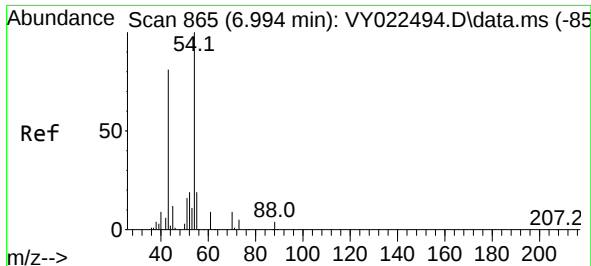
Tgt Ion:113 Resp: 70088
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 17.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.282 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 75 Resp: 44270
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.7
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 19.448 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

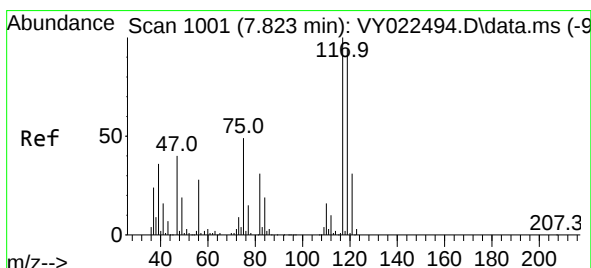
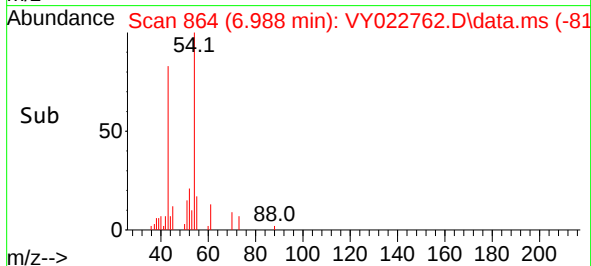
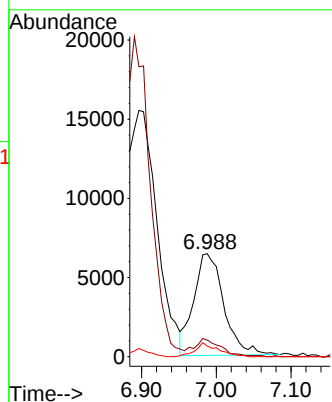
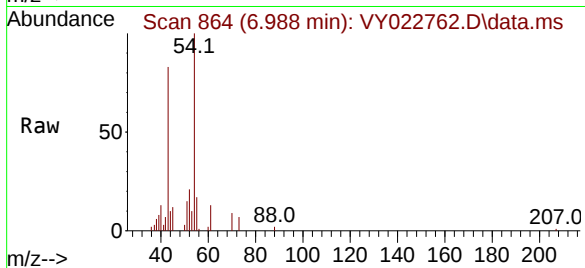
Tgt Ion: 43 Resp: 18041

Ion Ratio Lower Upper

43 100

61 15.7 11.5 17.3

70 10.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.176 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

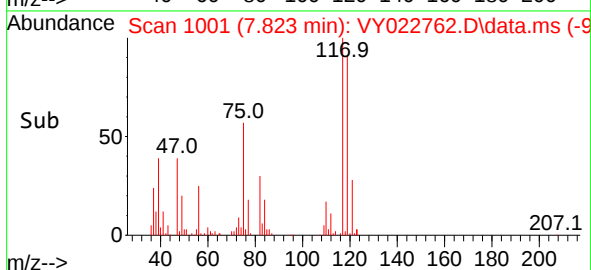
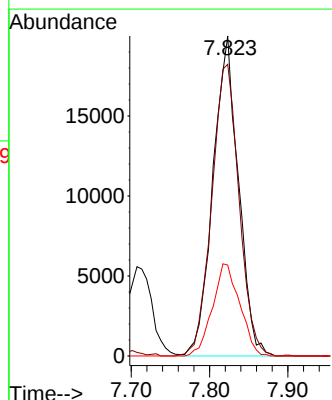
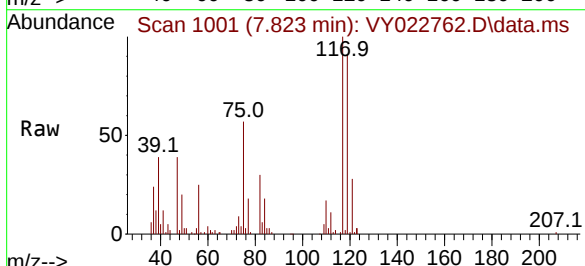
Tgt Ion: 117 Resp: 45188

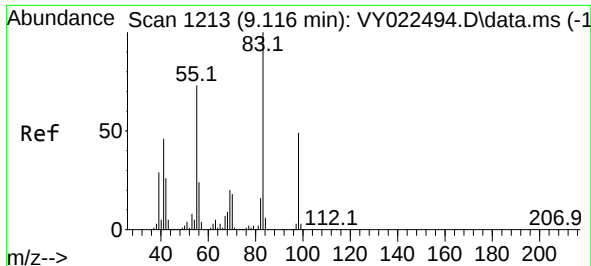
Ion Ratio Lower Upper

117 100

119 91.2 75.0 112.6

121 28.4 25.0 37.4





#39

Methylcyclohexane

Concen: 18.796 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

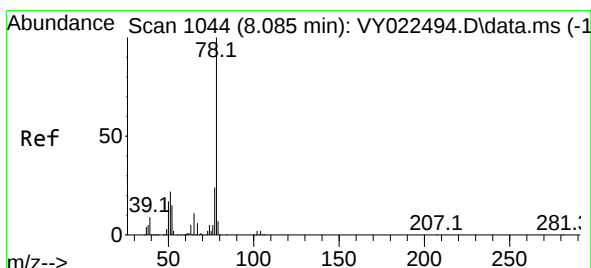
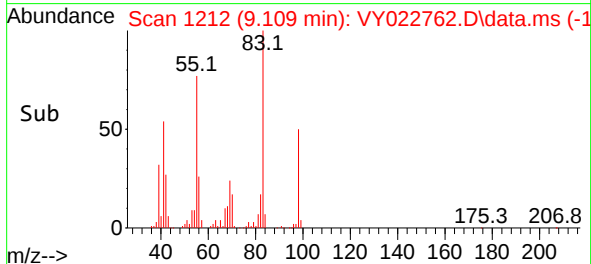
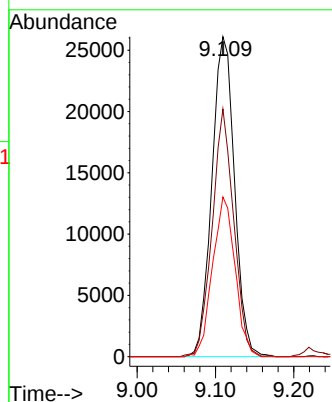
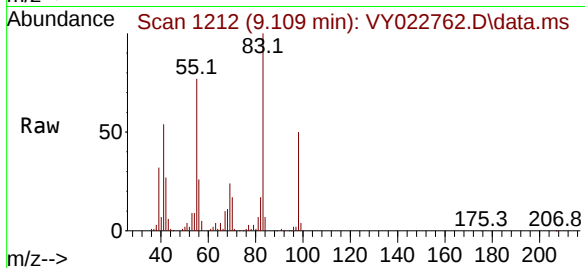
Tgt Ion: 83 Resp: 52543

Ion Ratio Lower Upper

83 100

55 77.4 58.1 87.1

98 49.9 39.0 58.6



#40

Benzene

Concen: 23.002 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022762.D

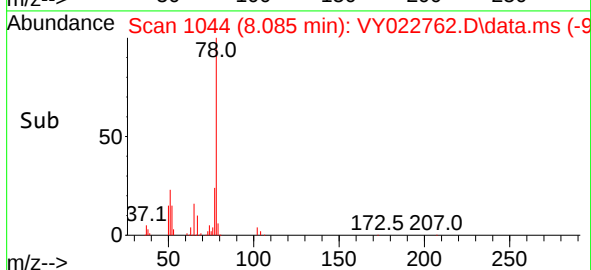
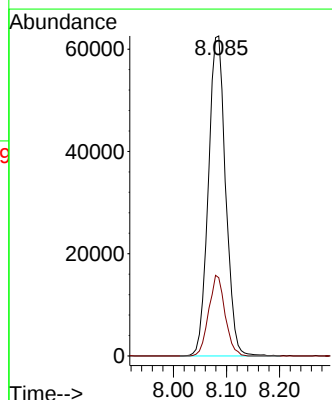
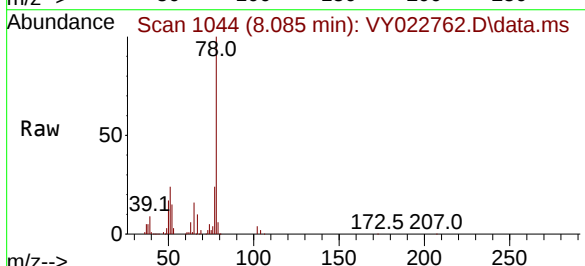
Acq: 20 Jun 2025 13:11

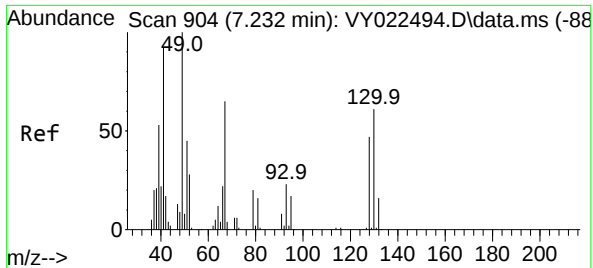
Tgt Ion: 78 Resp: 141325

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

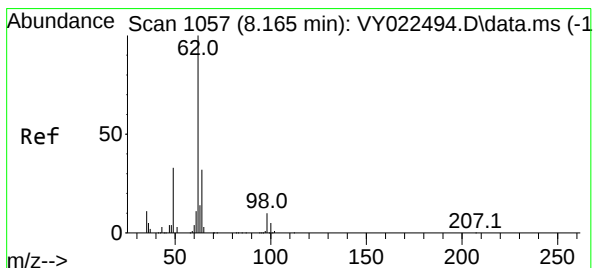
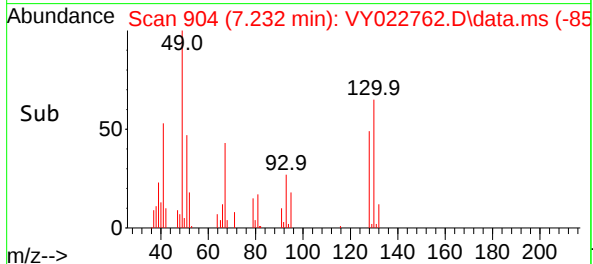
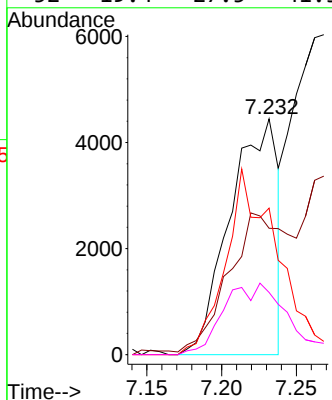
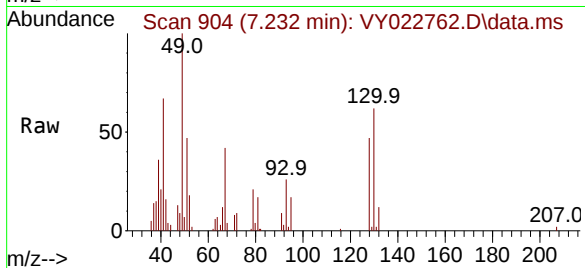




#41
Methacrylonitrile
Concen: 18.274 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

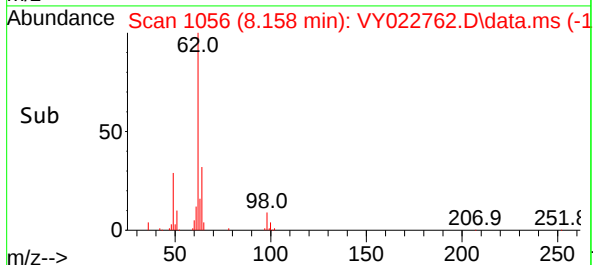
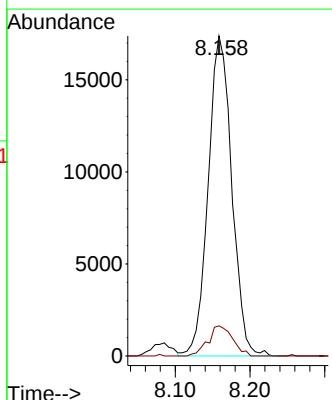
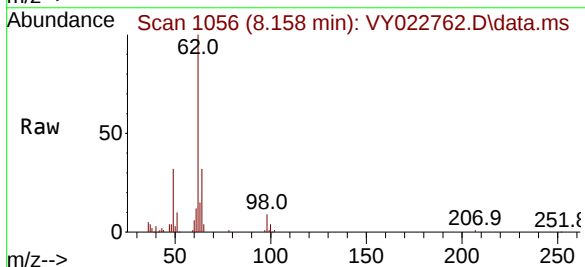
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

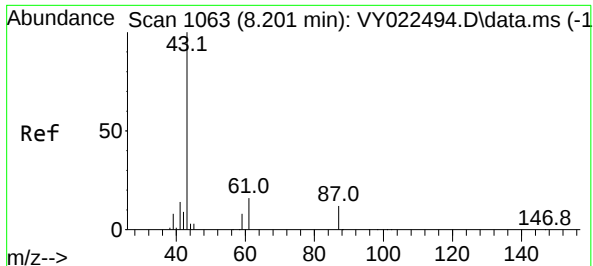
Tgt Ion: 41 Resp: 9902
Ion Ratio Lower Upper
41 100
39 74.9 46.6 69.8#
67 84.8 63.3 94.9
52 19.4 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 22.764 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 62 Resp: 38188
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.601 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

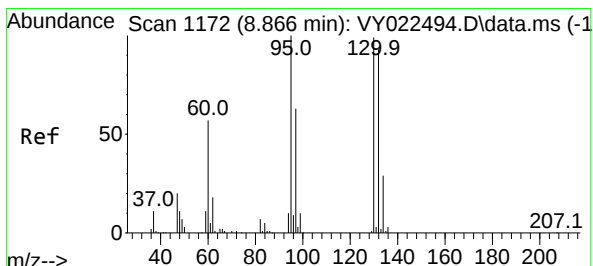
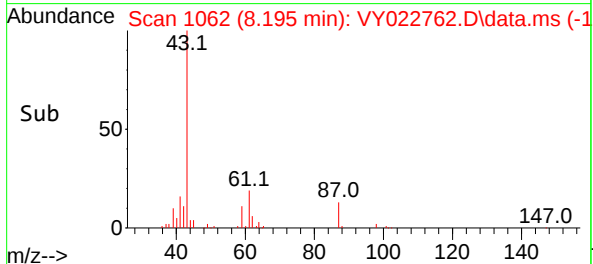
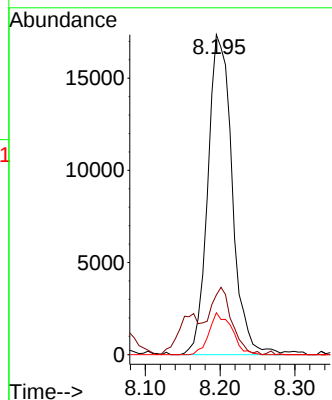
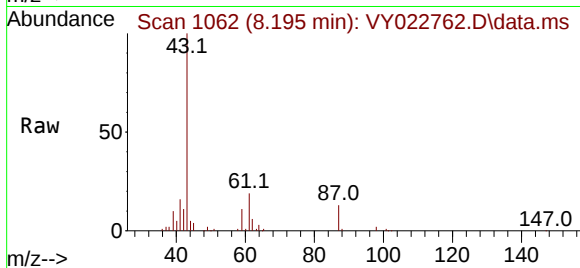
Tgt Ion: 43 Resp: 39270

Ion Ratio Lower Upper

43 100

61 18.6 15.6 23.4

87 12.3 10.2 15.4



#44

Trichloroethene

Concen: 22.609 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022762.D

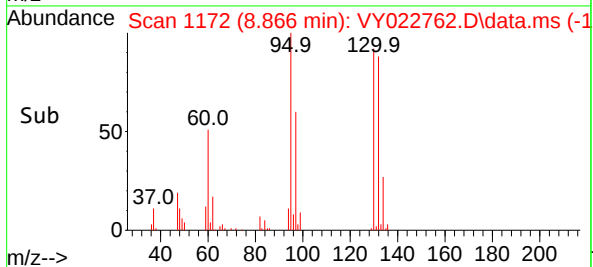
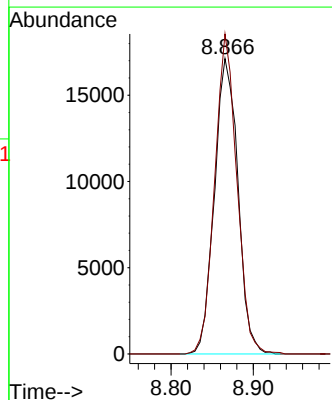
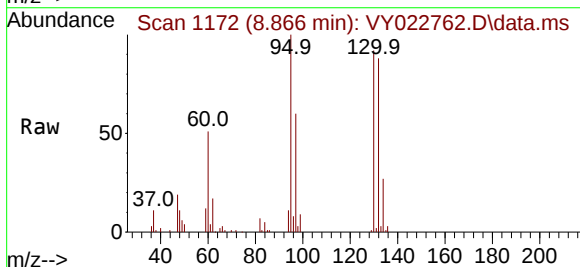
Acq: 20 Jun 2025 13:11

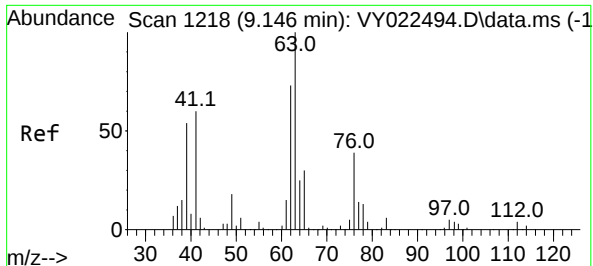
Tgt Ion: 130 Resp: 33950

Ion Ratio Lower Upper

130 100

95 108.3 0.0 203.0

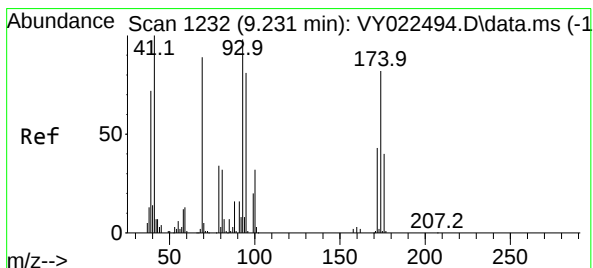
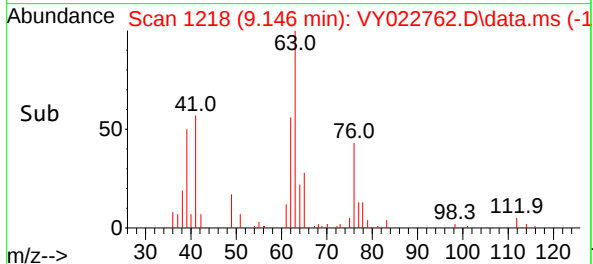
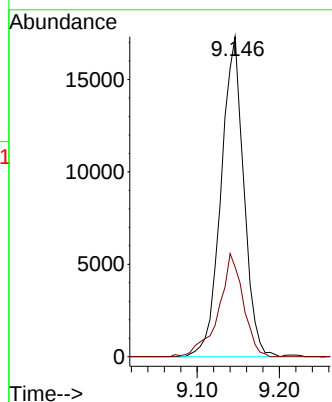
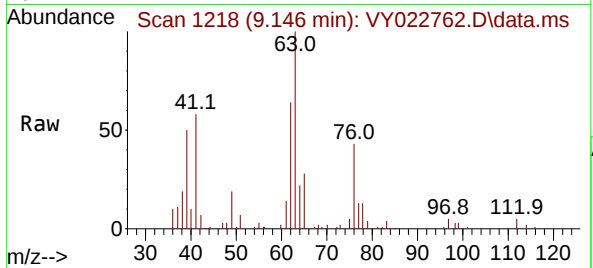




#45
1,2-Dichloropropane
Concen: 22.895 ug/l
RT: 9.146 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

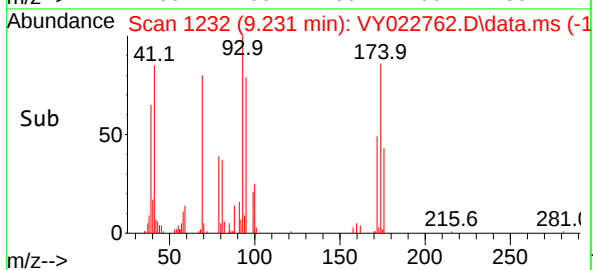
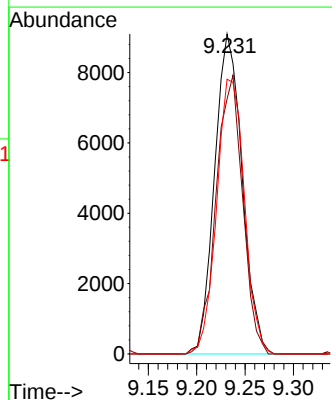
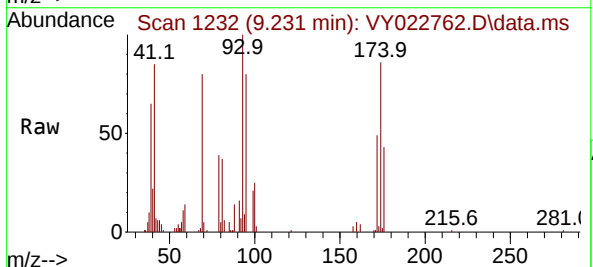
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

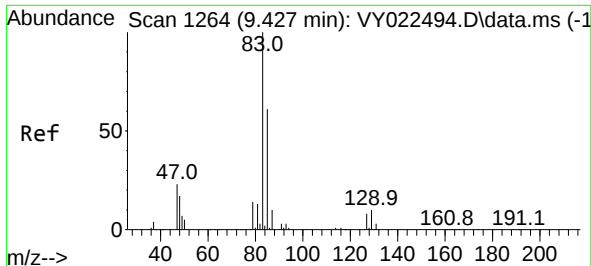
Tgt Ion: 63 Resp: 33245
Ion Ratio Lower Upper
63 100
65 28.0 24.0 36.0



#46
Dibromomethane
Concen: 22.031 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 93 Resp: 17997
Ion Ratio Lower Upper
93 100
95 83.9 65.6 98.4
174 86.5 70.4 105.6

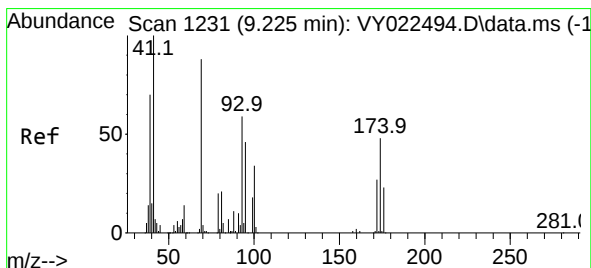
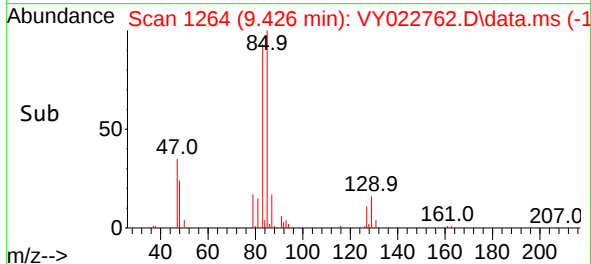
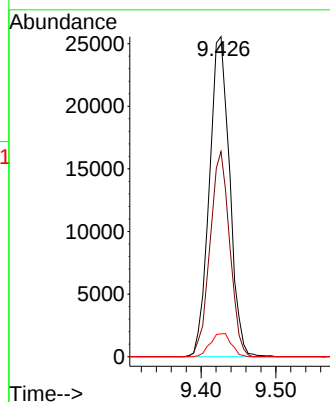
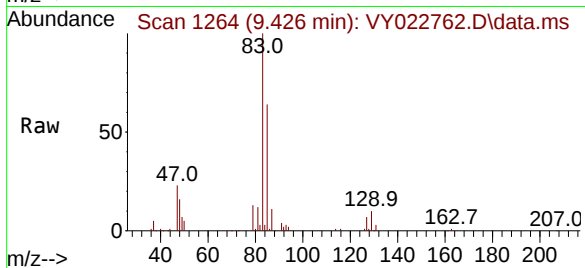




#47
Bromodichloromethane
Concen: 23.229 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

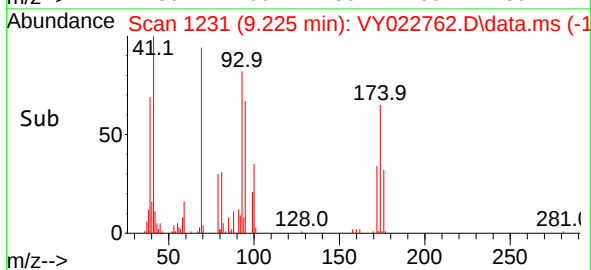
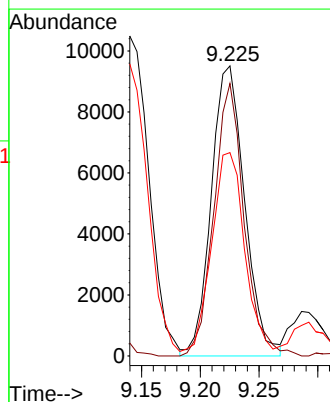
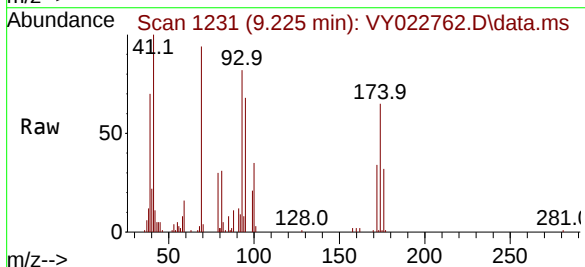
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

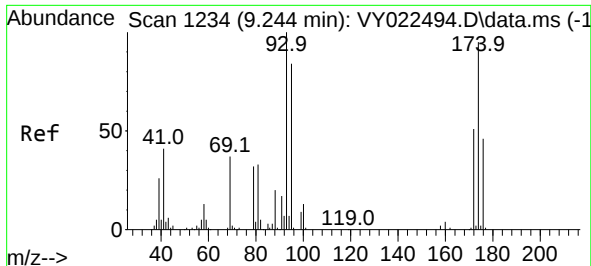
Tgt Ion: 83 Resp: 48115
Ion Ratio Lower Upper
83 100
85 64.1 49.1 73.7
127 7.1 6.2 9.4



#48
Methyl methacrylate
Concen: 19.944 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 41 Resp: 18753
Ion Ratio Lower Upper
41 100
69 85.2 67.8 101.8
39 67.4 55.0 82.4





#49

1,4-Dioxane

Concen: 373.948 ug/l

RT: 9.244 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBSD01

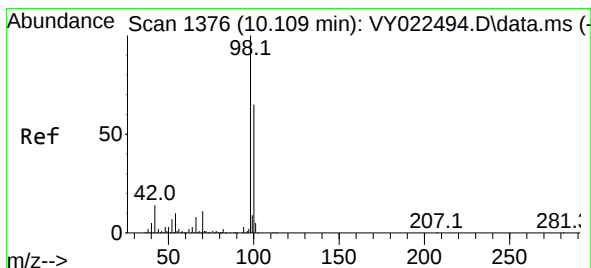
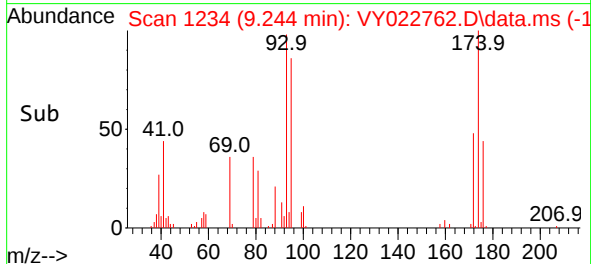
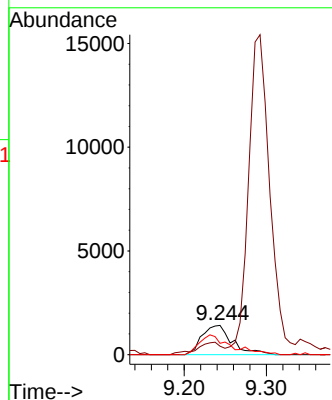
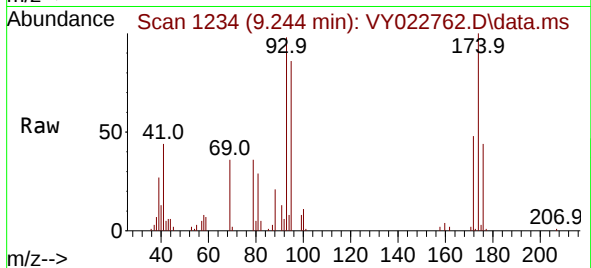
Tgt Ion: 88 Resp: 3619

Ion Ratio Lower Upper

88 100

43 35.2 25.4 38.2

58 58.9 54.9 82.3



#50

Toluene-d8

Concen: 53.219 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022762.D

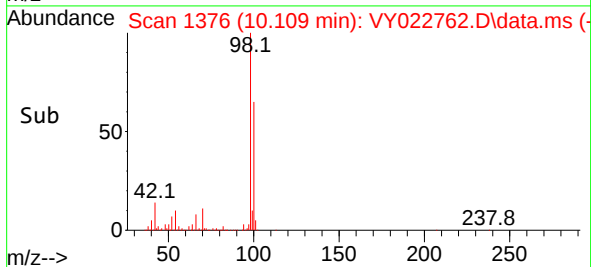
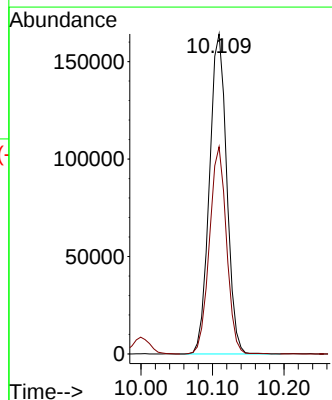
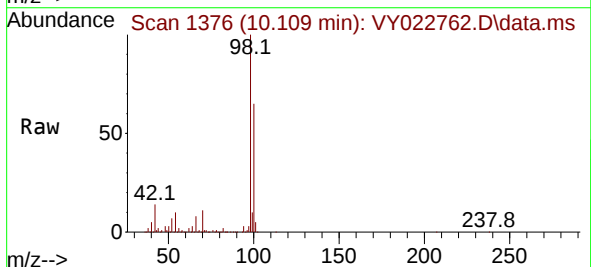
Acq: 20 Jun 2025 13:11

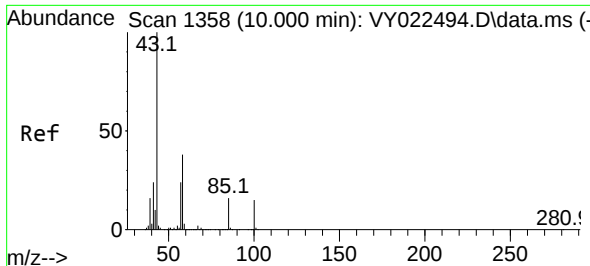
Tgt Ion: 98 Resp: 275614

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0

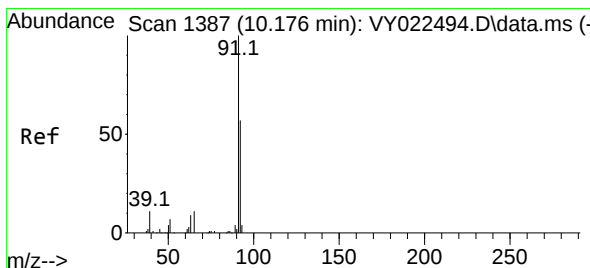
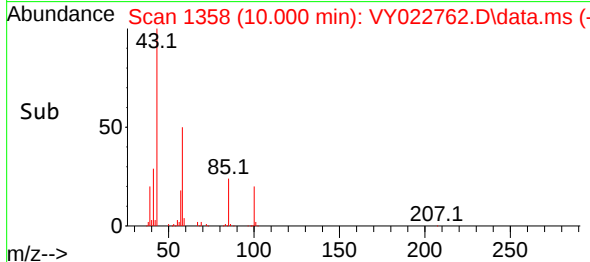
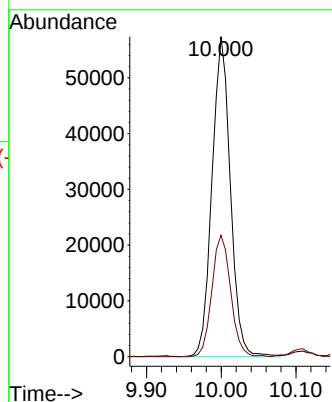
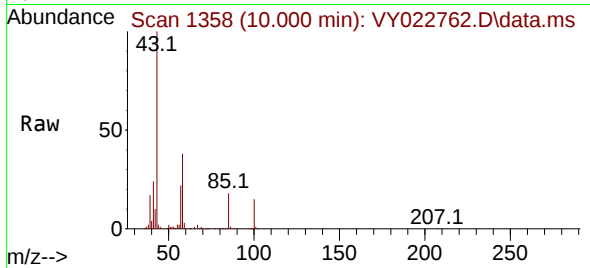




#51
4-Methyl-2-Pentanone
Concen: 98.057 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

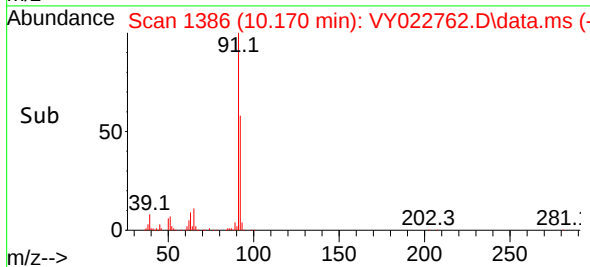
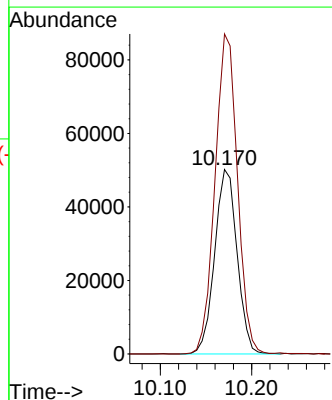
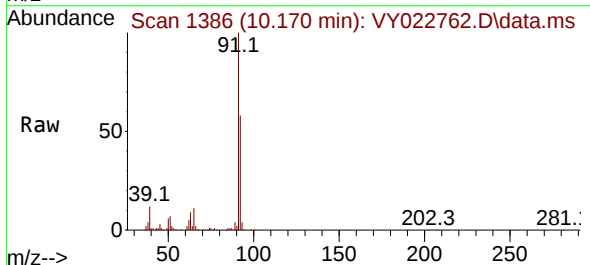
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

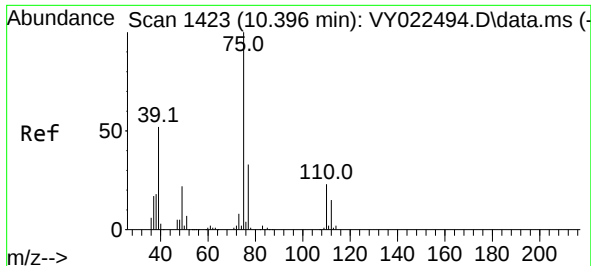
Tgt Ion: 43 Resp: 97947
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6



#52
Toluene
Concen: 22.145 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 92 Resp: 85504
Ion Ratio Lower Upper
92 100
91 173.9 139.0 208.4

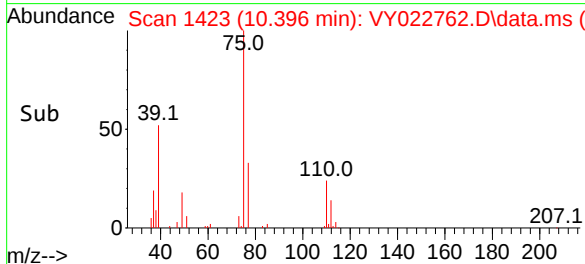
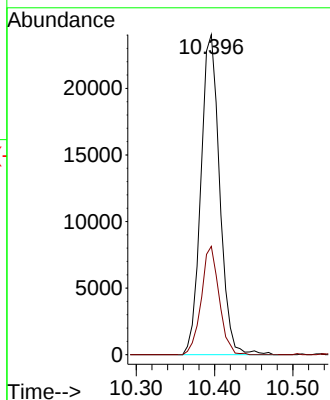
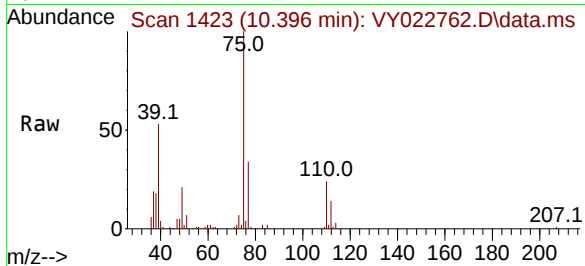




#53
t-1,3-Dichloropropene
Concen: 20.612 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

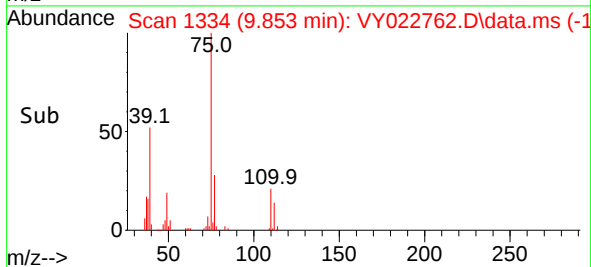
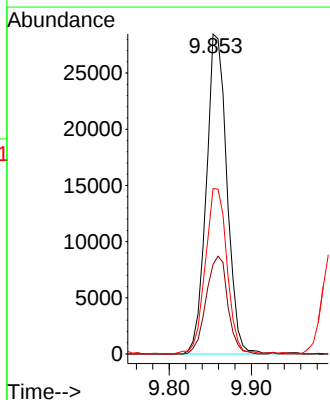
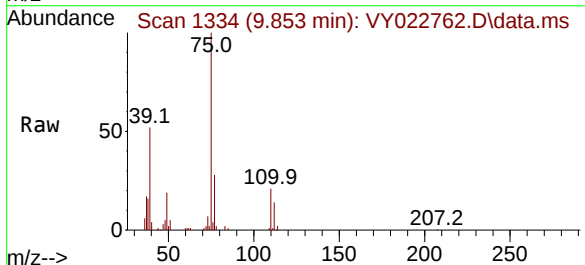
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

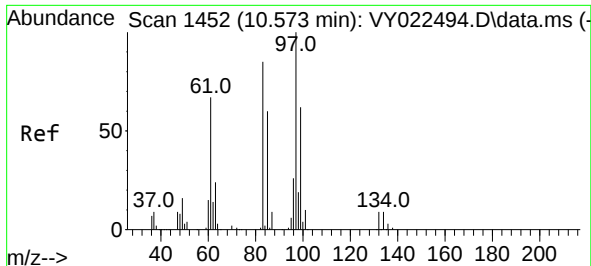
Tgt Ion: 75 Resp: 40004
Ion Ratio Lower Upper
75 100
77 33.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 21.940 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 75 Resp: 49566
Ion Ratio Lower Upper
75 100
77 28.0 25.3 37.9
39 51.5 42.7 64.1

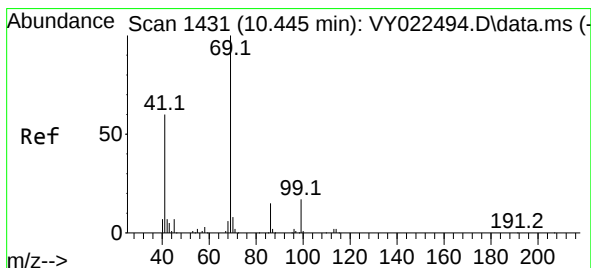
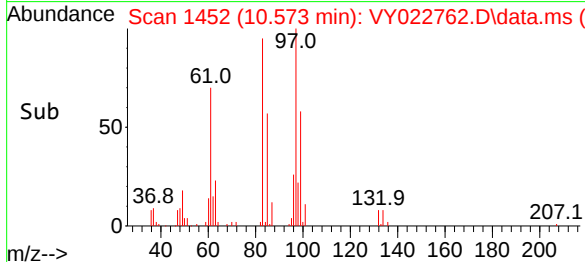
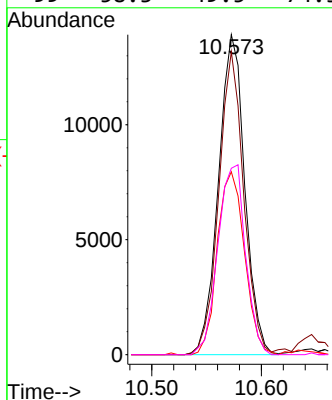
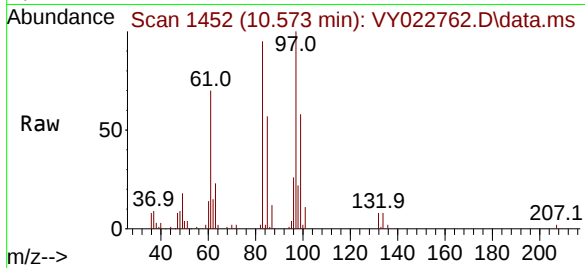




#55
1,1,2-Trichloroethane
Concen: 22.286 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

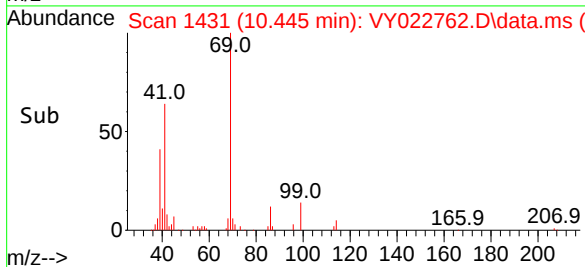
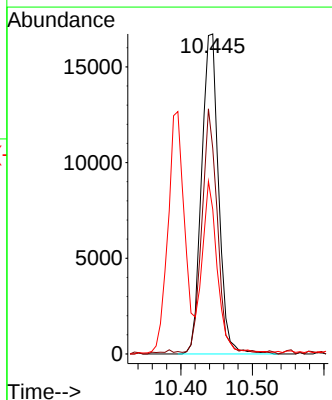
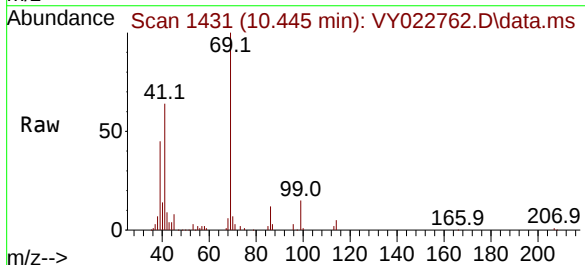
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

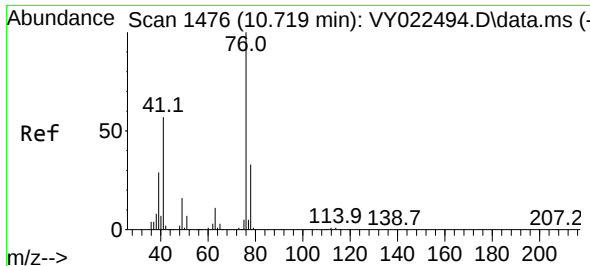
Tgt Ion: 97	Resp: 23214
Ion Ratio	Lower Upper
97 100	
83 94.7	68.1 102.1
85 57.2	48.2 72.2
99 58.3	49.5 74.3



#56
Ethyl methacrylate
Concen: 18.397 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 69	Resp: 27697
Ion Ratio	Lower Upper
69 100	
41 68.2	52.2 78.2
39 46.3	36.7 55.1

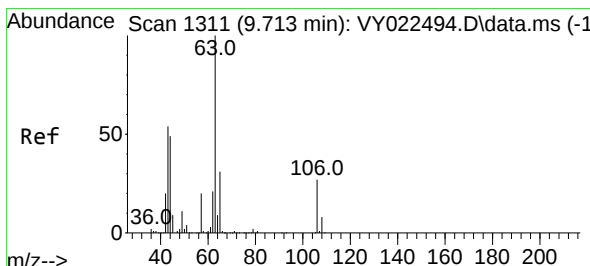
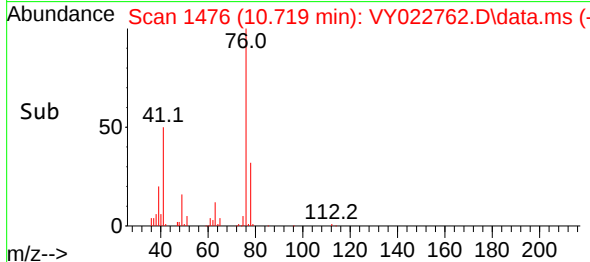
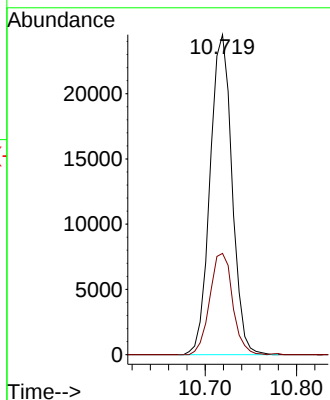
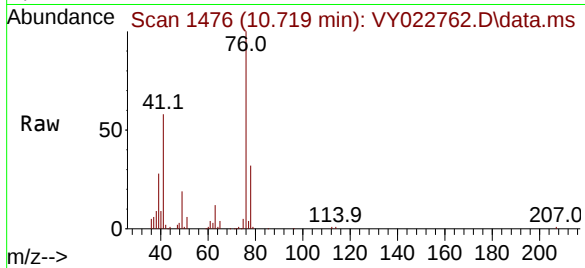




#57
 1,3-Dichloropropane
 Concen: 22.153 ug/l
 RT: 10.719 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

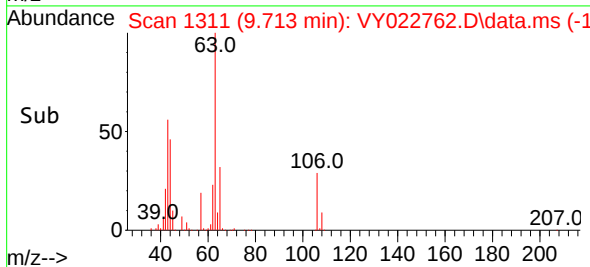
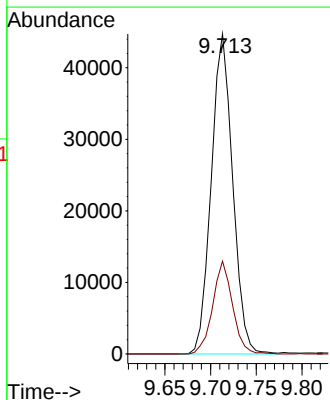
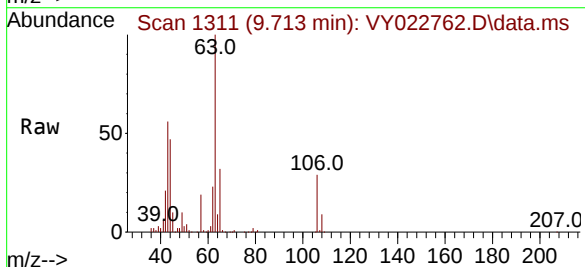
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBSD01

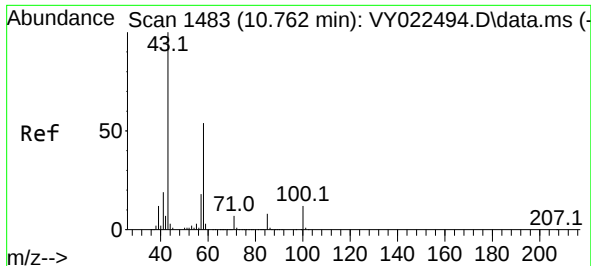
Tgt Ion: 76 Resp: 40899
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.664 ug/l
 RT: 9.713 min Scan# 1311
 Delta R.T. -0.000 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

Tgt Ion: 63 Resp: 72909
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.6 32.4

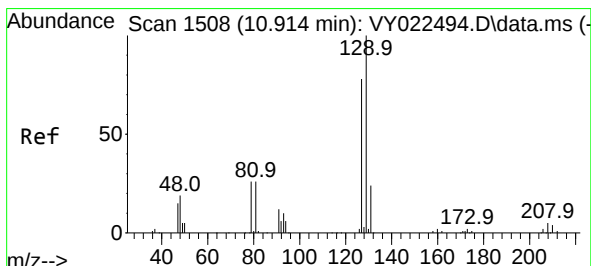
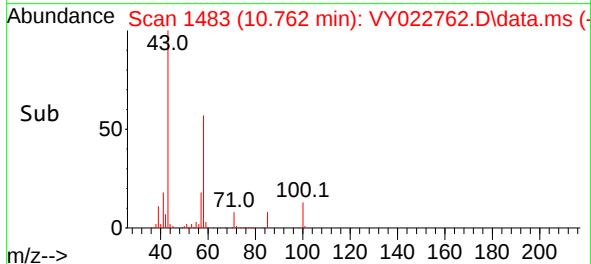
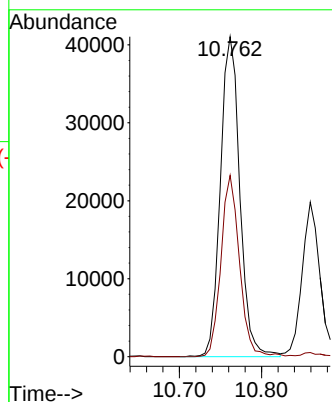
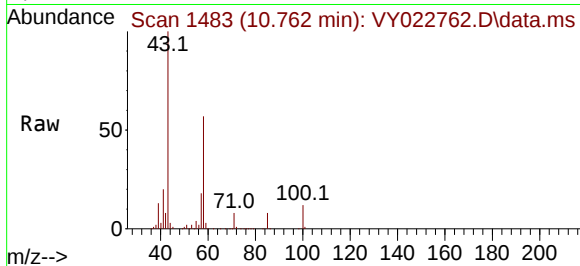




#59
2-Hexanone
Concen: 101.122 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

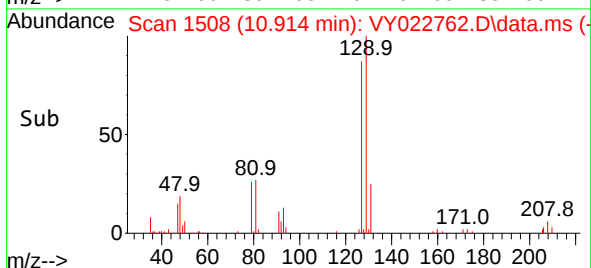
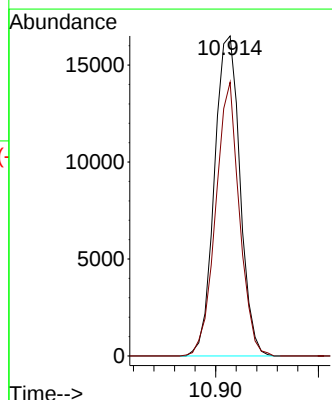
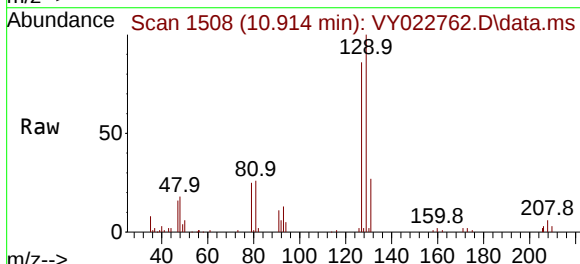
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

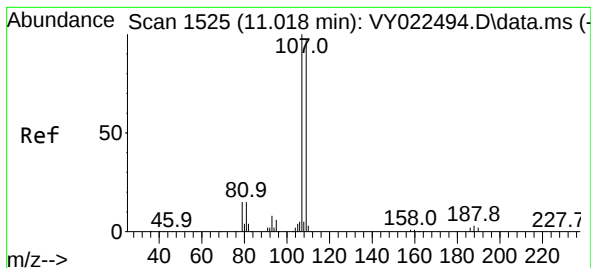
Tgt Ion: 43 Resp: 67554
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8



#60
Dibromochloromethane
Concen: 21.515 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 129 Resp: 28481
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2

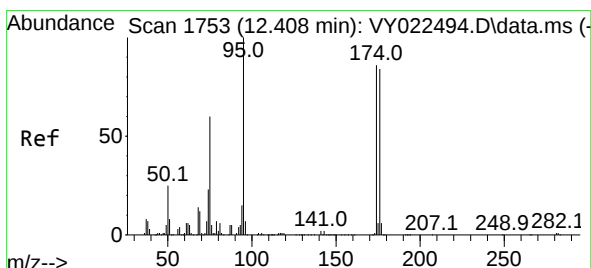
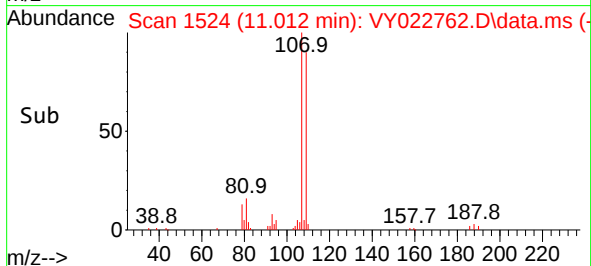
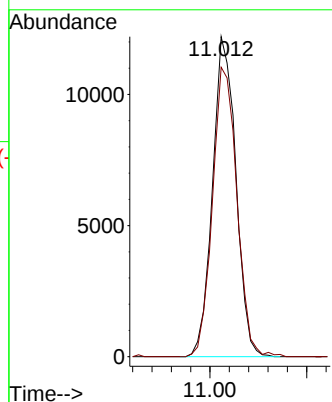
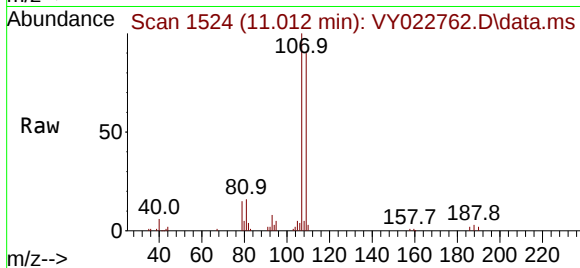




#61
1,2-Dibromoethane
Concen: 21.504 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

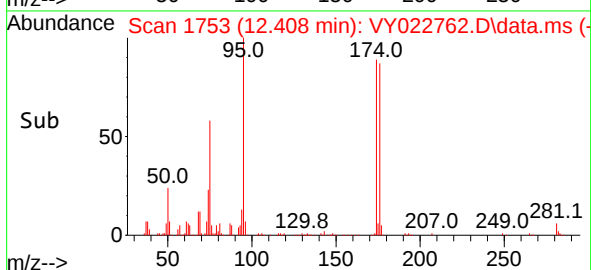
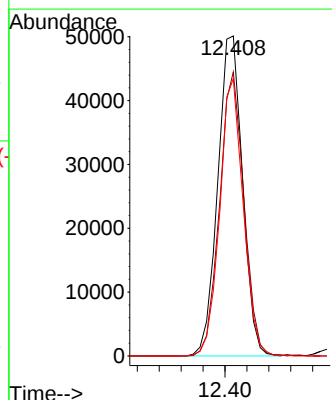
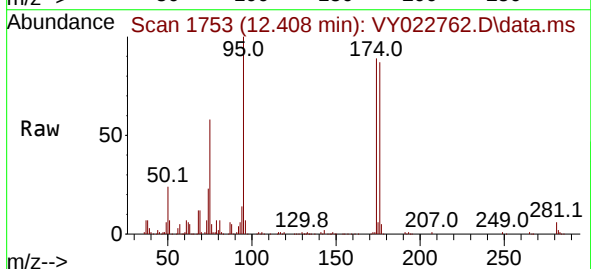
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

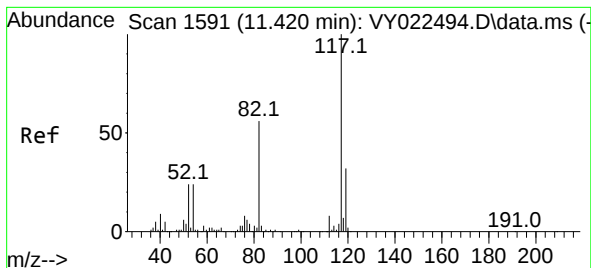
Tgt Ion:107 Resp: 20416
Ion Ratio Lower Upper
107 100
109 94.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.905 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 95 Resp: 78548
Ion Ratio Lower Upper
95 100
174 86.9 0.0 170.0
176 82.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

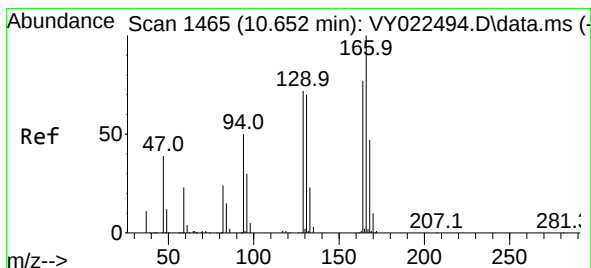
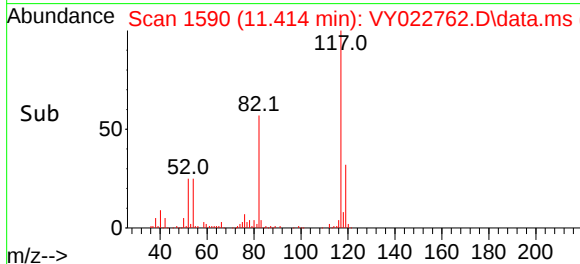
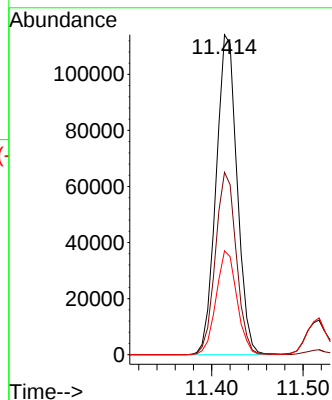
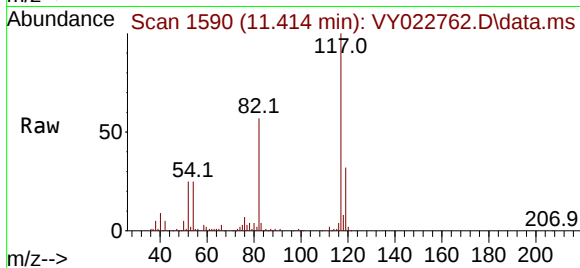
Tgt Ion:117 Resp: 182327

Ion Ratio Lower Upper

117 100

82 57.0 44.6 66.8

119 32.5 25.4 38.0



#64

Tetrachloroethene

Concen: 23.832 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Tgt Ion:164 Resp: 37378

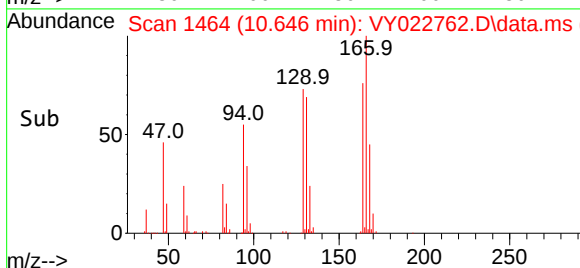
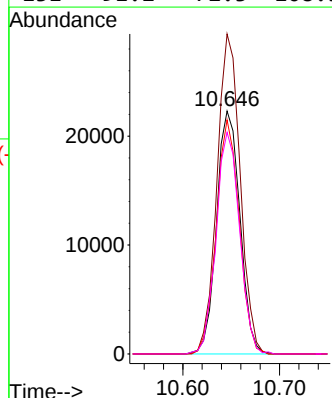
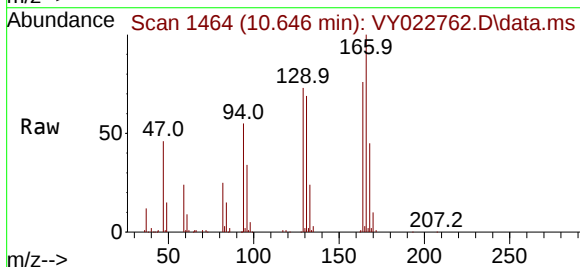
Ion Ratio Lower Upper

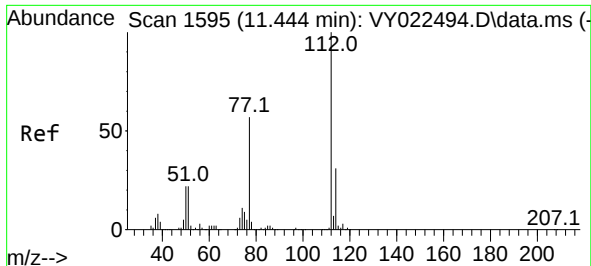
164 100

166 131.7 104.0 156.0

129 96.4 74.5 111.7

131 91.2 72.3 108.5

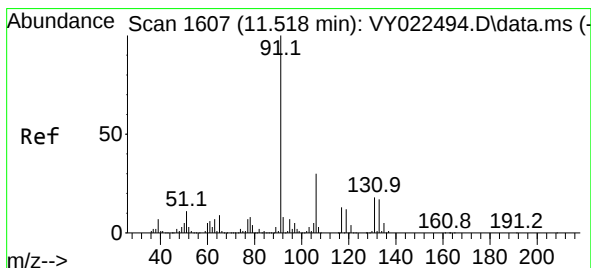
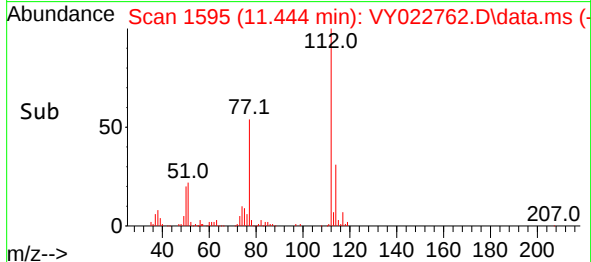
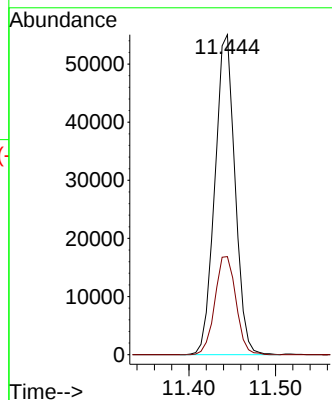
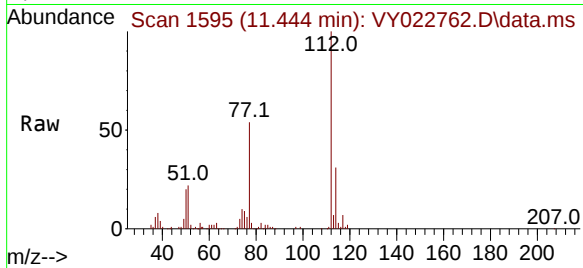




#65
Chlorobenzene
Concen: 22.024 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

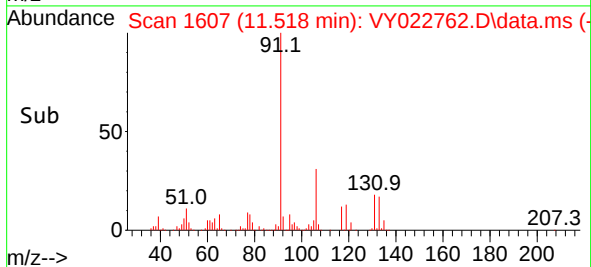
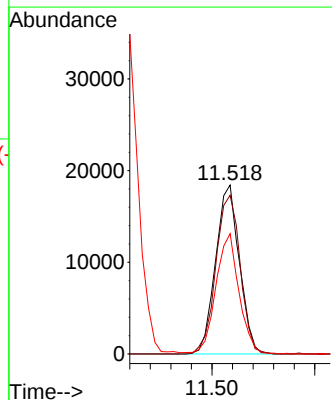
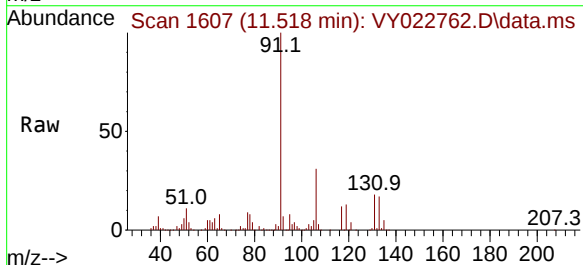
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

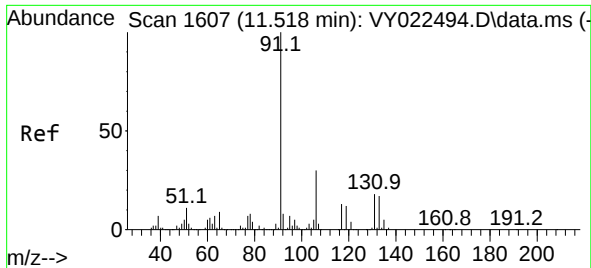
Tgt Ion:112 Resp: 88859
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.726 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion:131 Resp: 29530
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 69.6 33.1 99.3

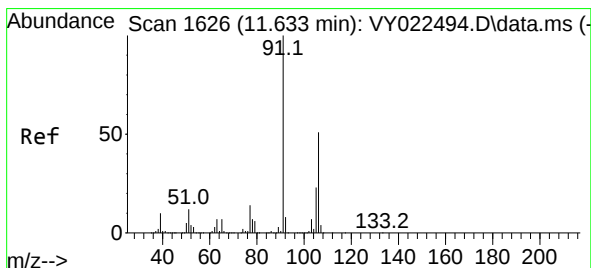
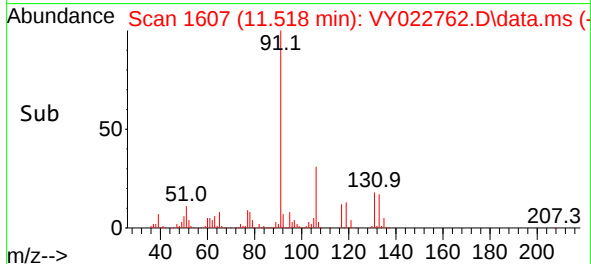
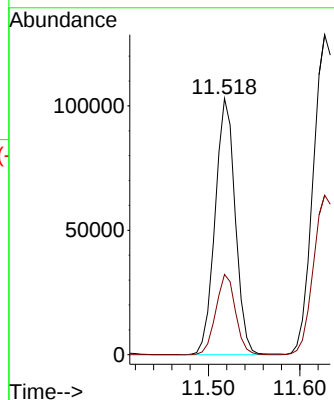
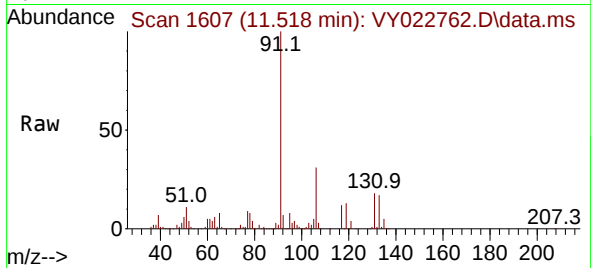




#67
Ethyl Benzene
Concen: 21.053 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

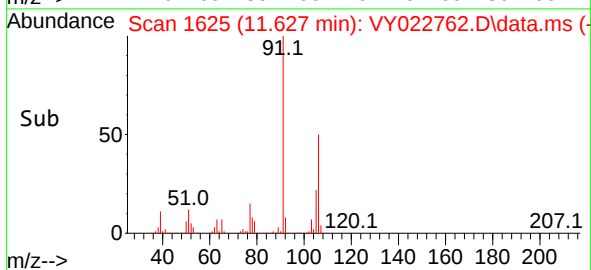
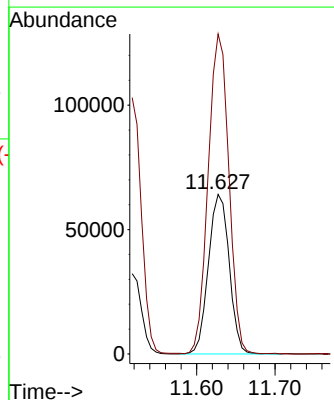
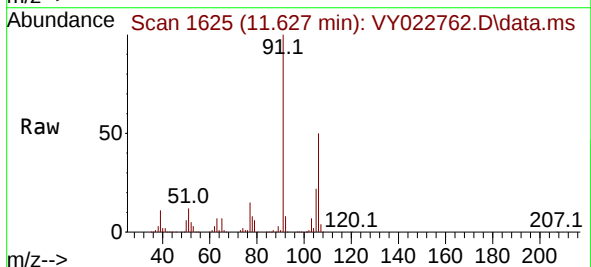
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

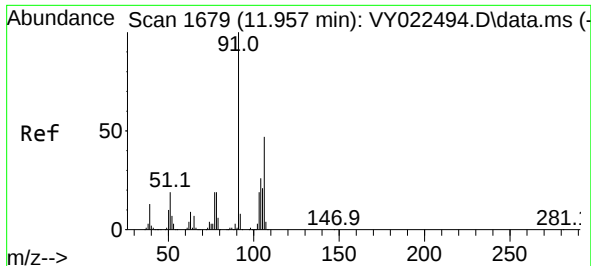
Tgt Ion: 91 Resp: 157546
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 41.675 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion:106 Resp: 118227
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.0

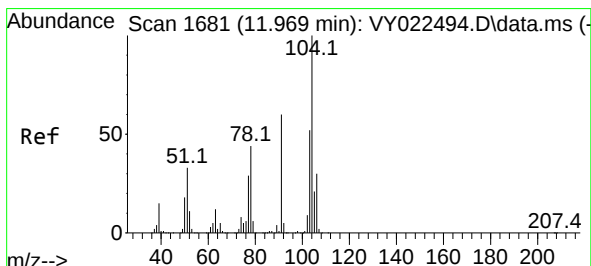
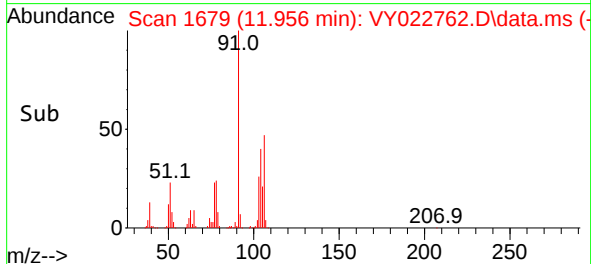
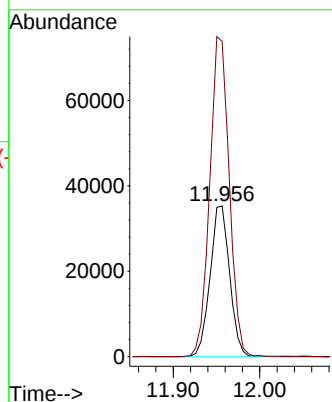
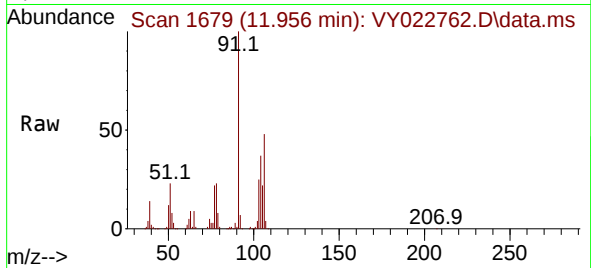




#69
o-Xylene
Concen: 20.783 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

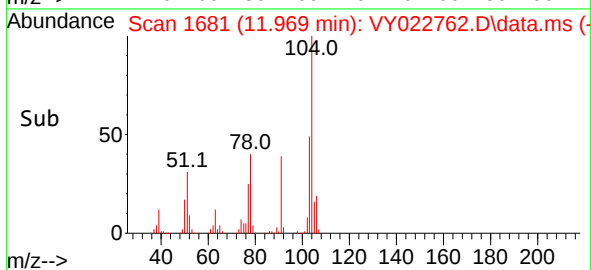
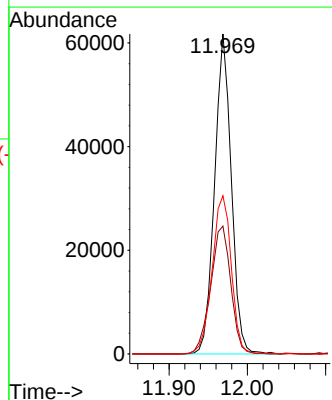
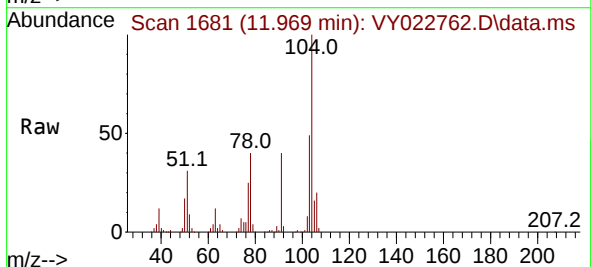
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

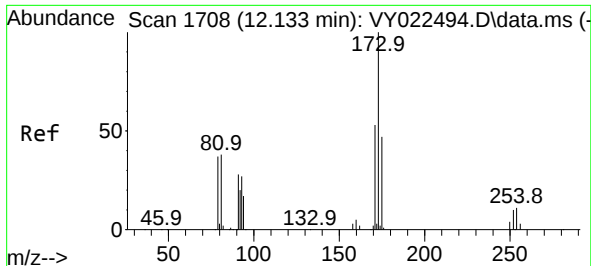
Tgt Ion:106 Resp: 55278
Ion Ratio Lower Upper
106 100
91 212.4 105.8 317.3



#70
Styrene
Concen: 20.856 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion:104 Resp: 91693
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 56.6 44.1 66.1

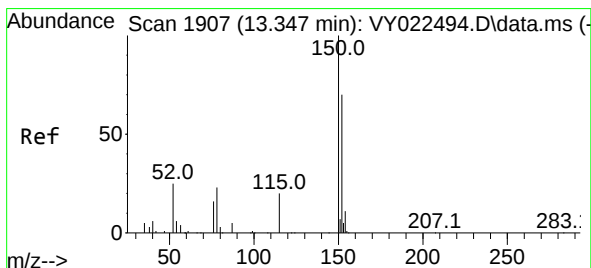
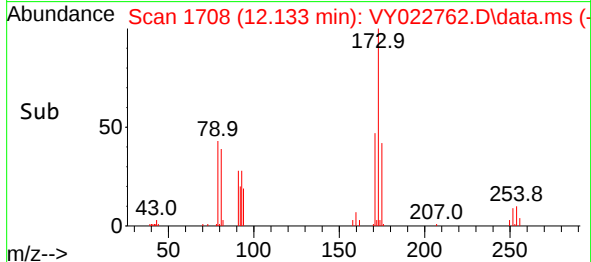
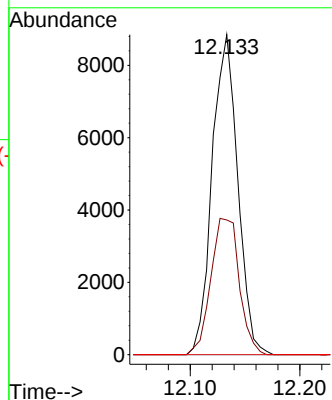
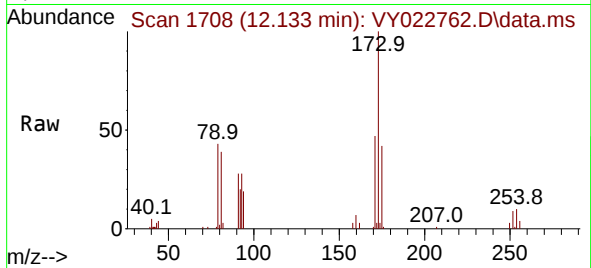




#71
Bromoform
Concen: 19.846 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

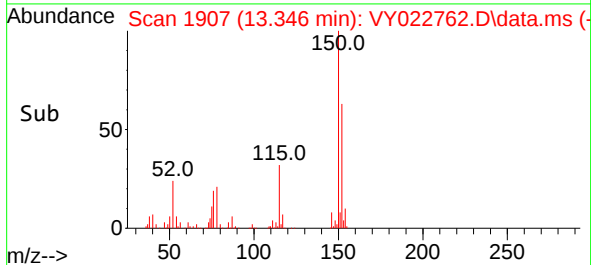
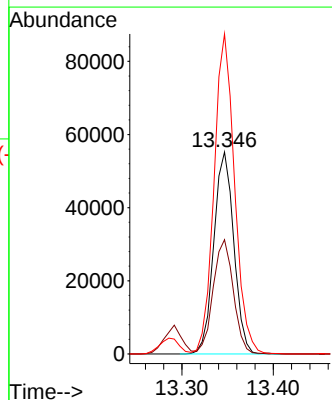
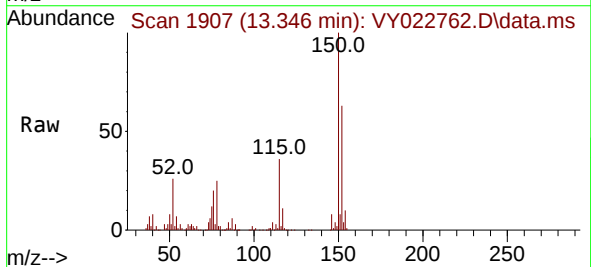
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

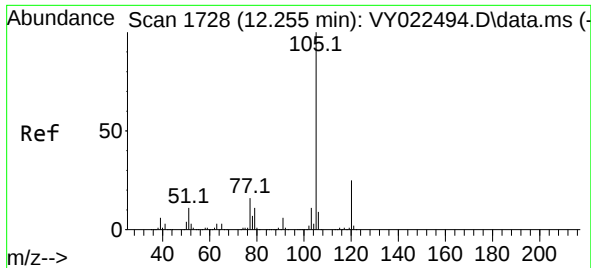
Tgt Ion:173 Resp: 14354
Ion Ratio Lower Upper
173 100
175 47.4 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion:152 Resp: 83763
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 163.1 0.0 349.6

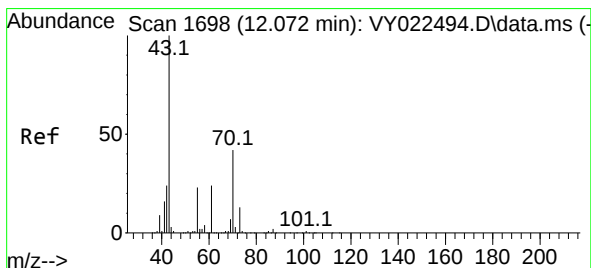
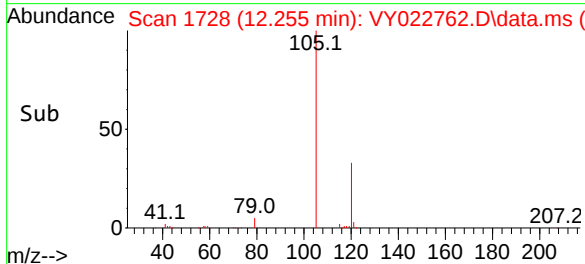
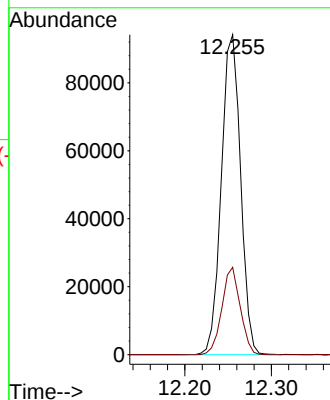
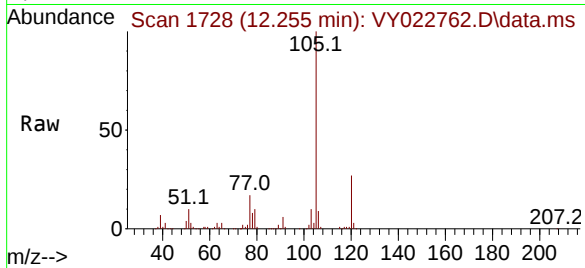




#73
Isopropylbenzene
Concen: 21.141 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

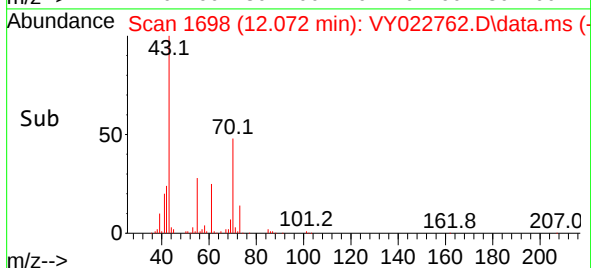
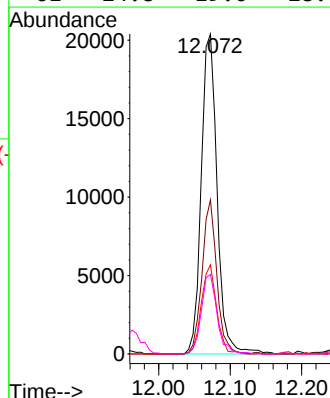
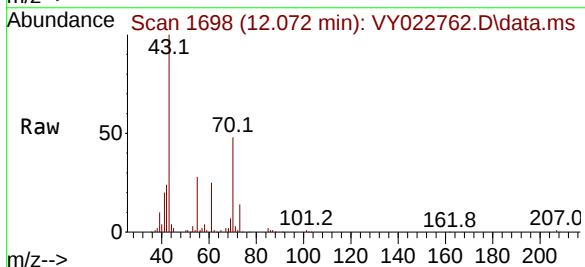
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

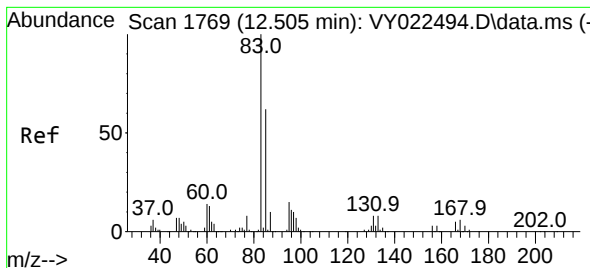
Tgt Ion:105 Resp: 145384
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 18.106 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 43 Resp: 31417
Ion Ratio Lower Upper
43 100
70 44.8 34.2 51.2
55 26.8 18.2 27.4
61 24.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.245 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

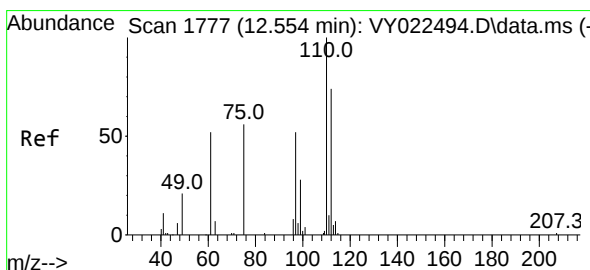
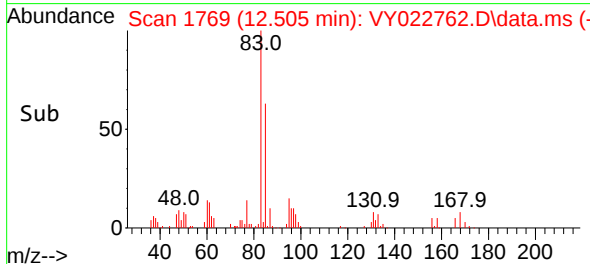
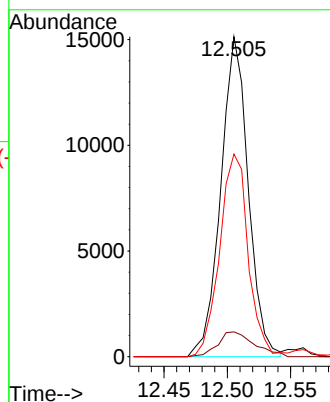
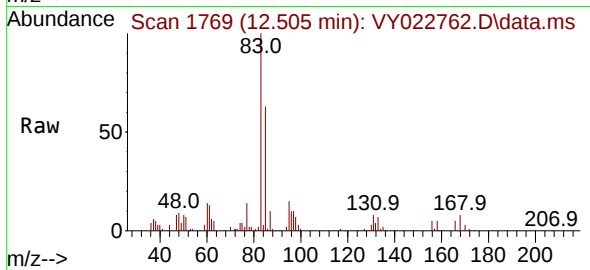
Tgt Ion: 83 Resp: 22850

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 65.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.480 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022762.D

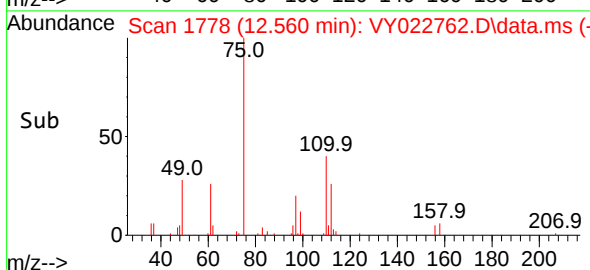
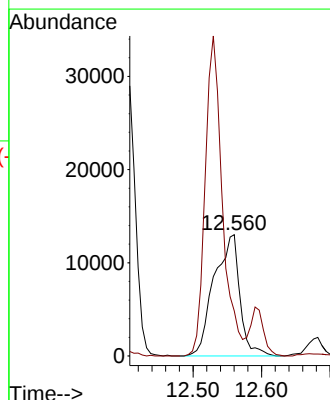
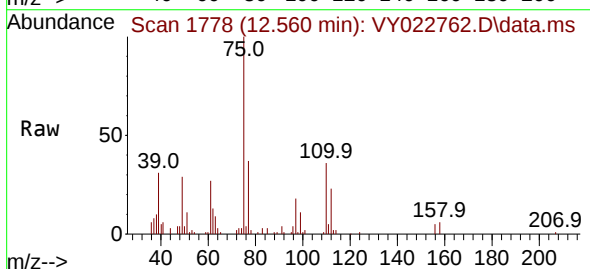
Acq: 20 Jun 2025 13:11

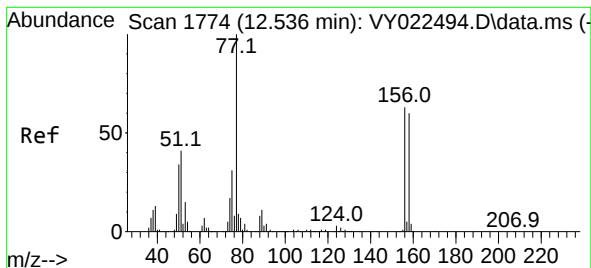
Tgt Ion: 75 Resp: 34000

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.428 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

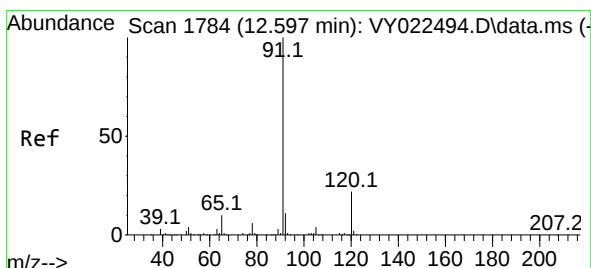
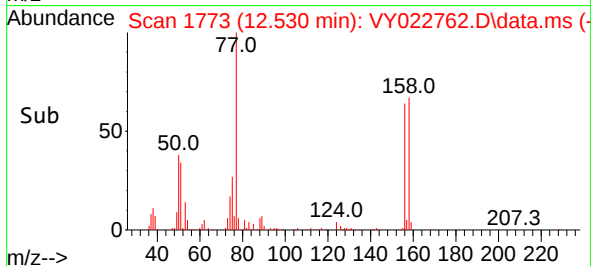
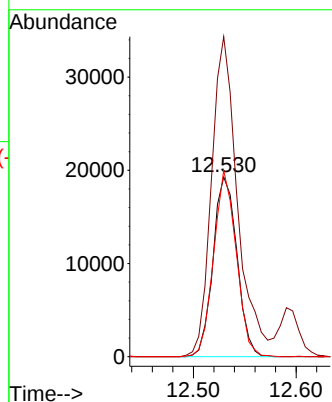
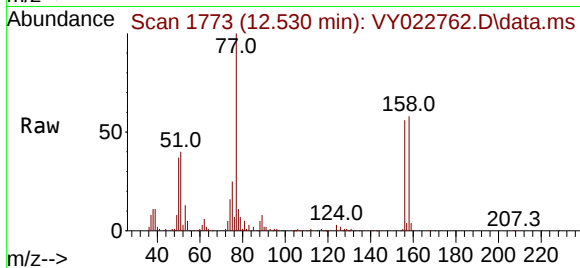
Tgt Ion:156 Resp: 31097

Ion Ratio Lower Upper

156 100

77 193.6 94.0 282.1

158 98.1 48.2 144.6



#78

n-propylbenzene

Concen: 21.180 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022762.D

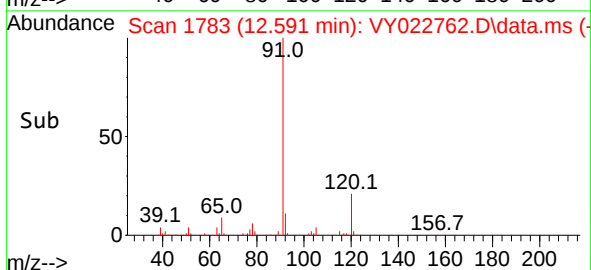
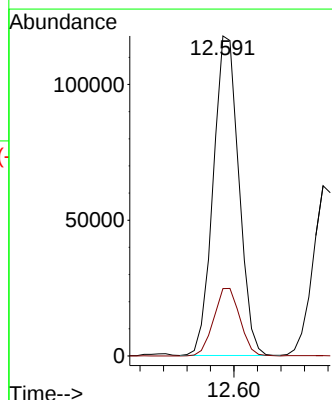
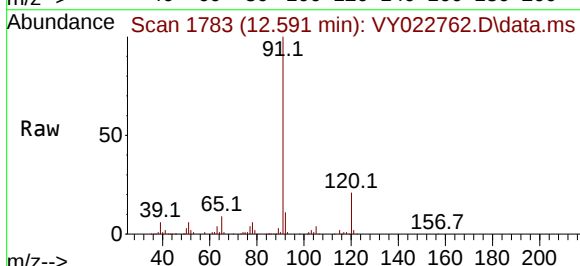
Acq: 20 Jun 2025 13:11

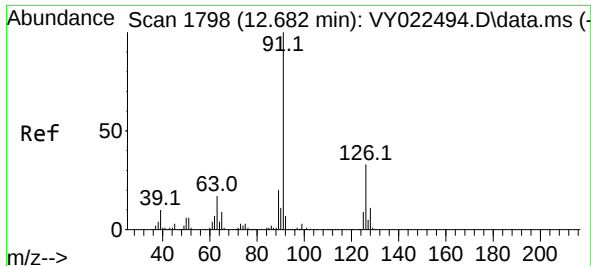
Tgt Ion: 91 Resp: 177896

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4

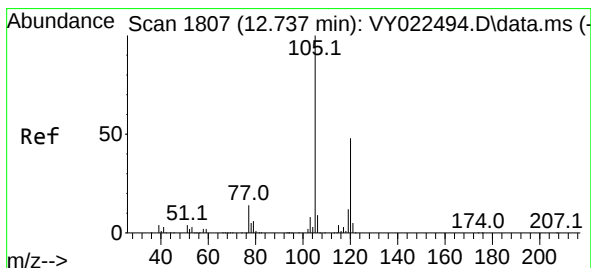
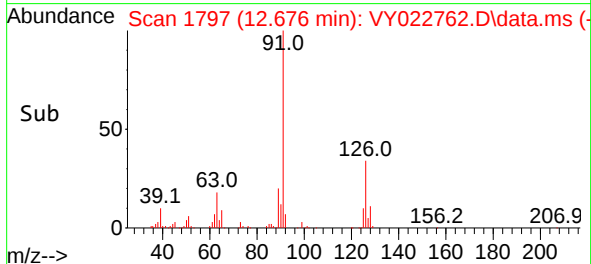
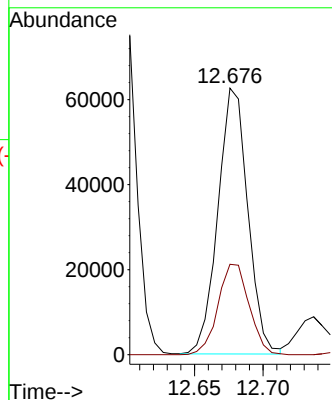
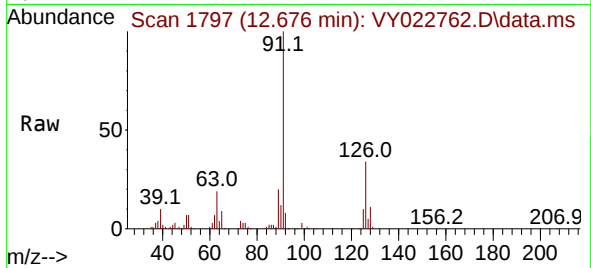




#79
2-Chlorotoluene
Concen: 21.350 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

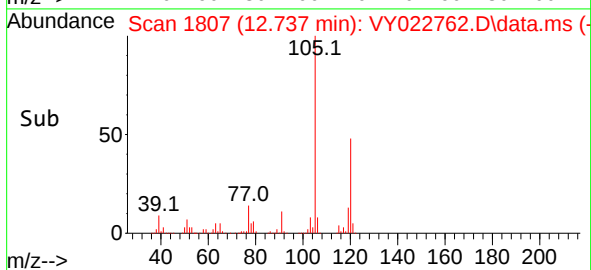
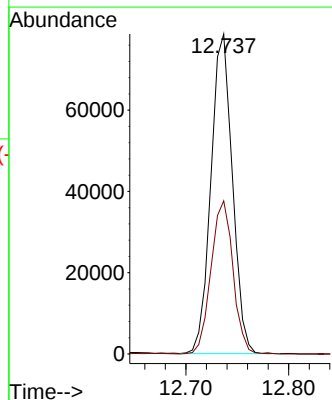
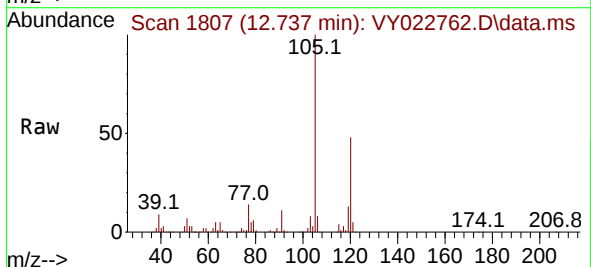
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBS01

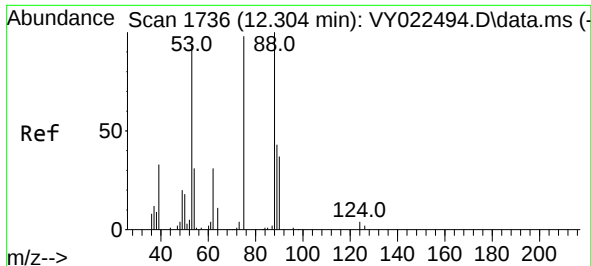
Tgt Ion: 91 Resp: 95045
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.118 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 105 Resp: 114015
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

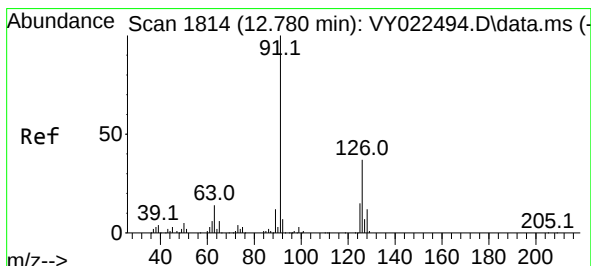
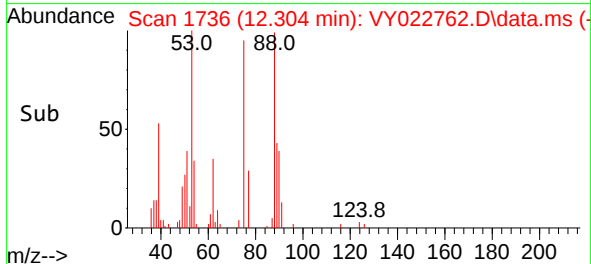
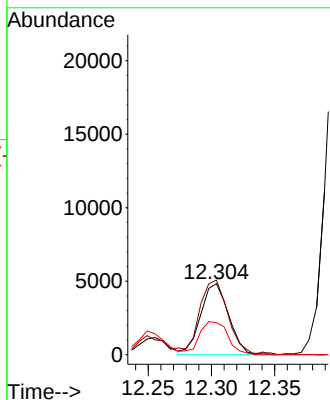
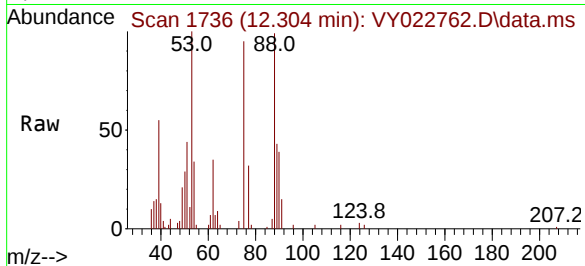




#81
trans-1,4-Dichloro-2-butene
Concen: 18.974 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

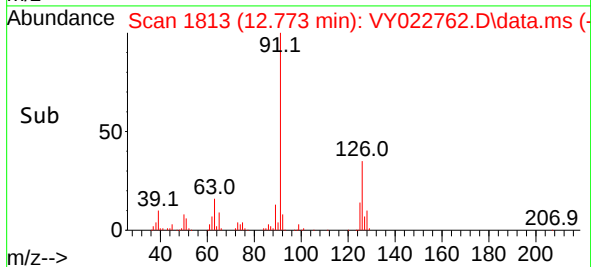
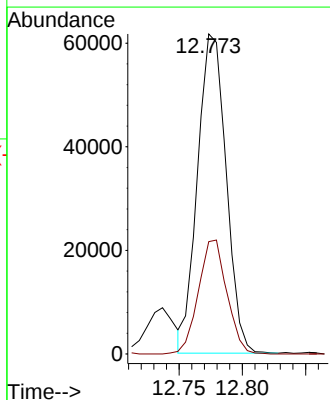
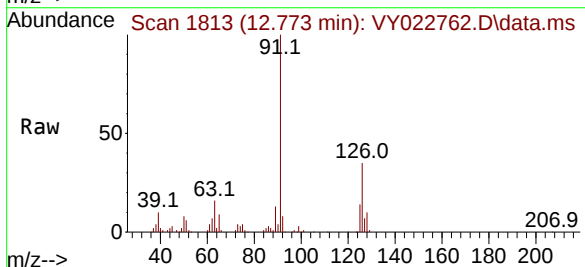
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

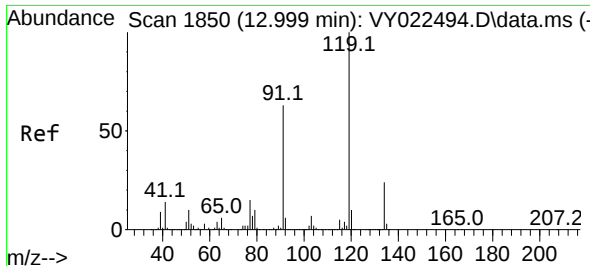
Tgt Ion: 75 Resp: 7529
Ion Ratio Lower Upper
75 100
53 103.3 78.5 117.7
89 46.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.129 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion: 91 Resp: 97033
Ion Ratio Lower Upper
91 100
126 35.5 17.0 50.9

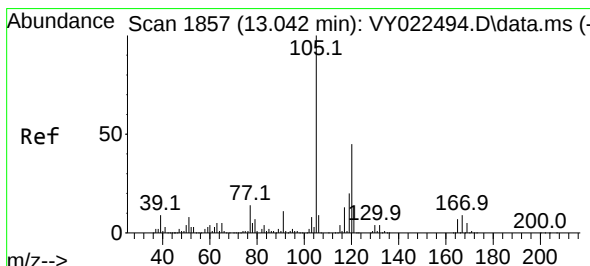
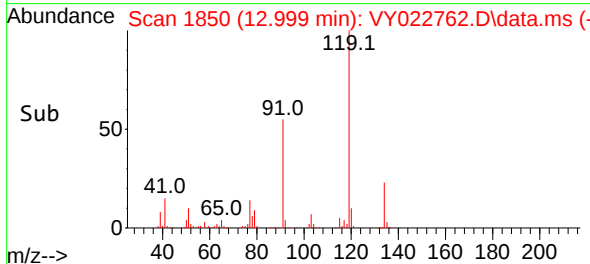
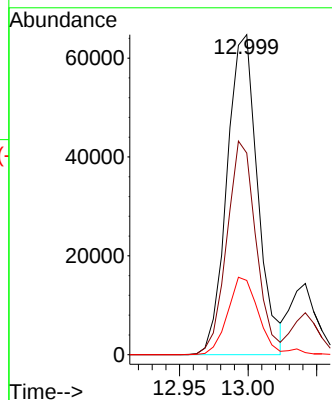
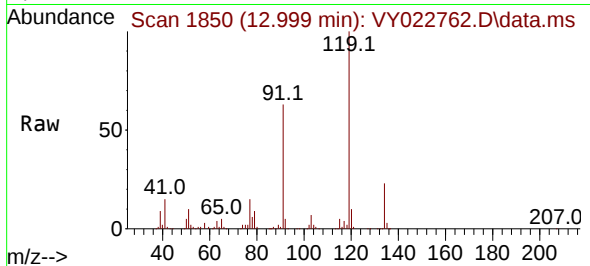




#83
 tert-Butylbenzene
 Concen: 20.860 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

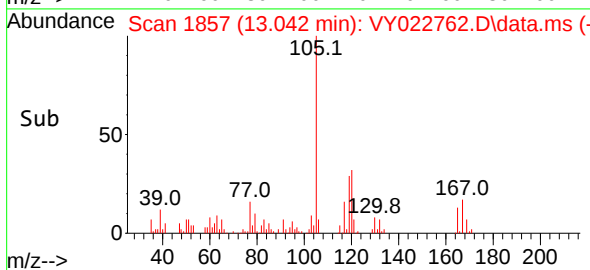
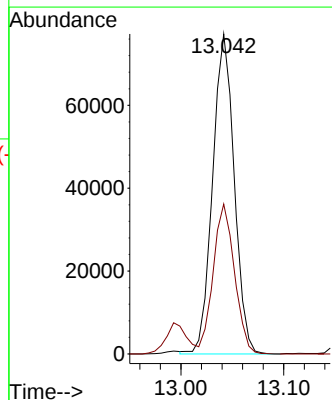
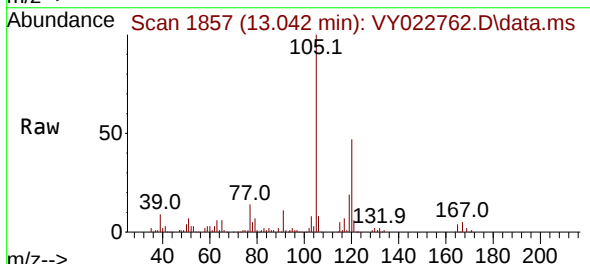
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBSD01

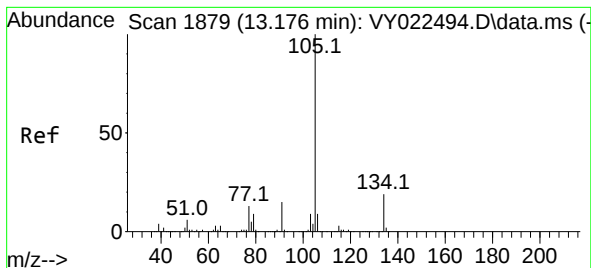
Tgt Ion:119 Resp: 101082
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.1 96.3
 134 24.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.891 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

Tgt Ion:105 Resp: 112812
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.479 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

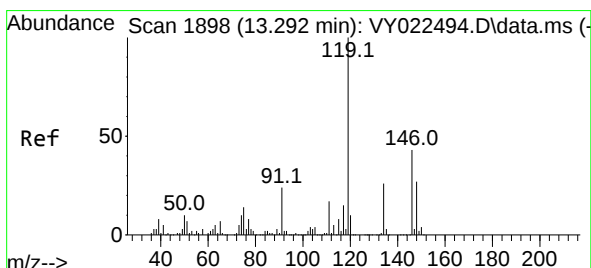
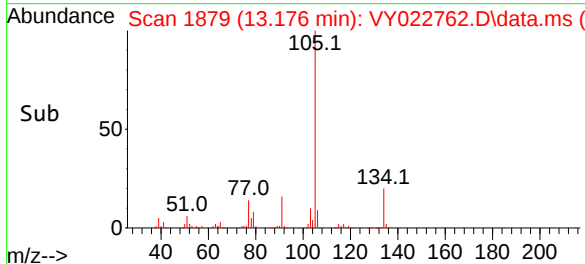
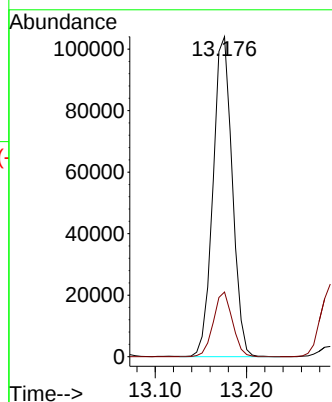
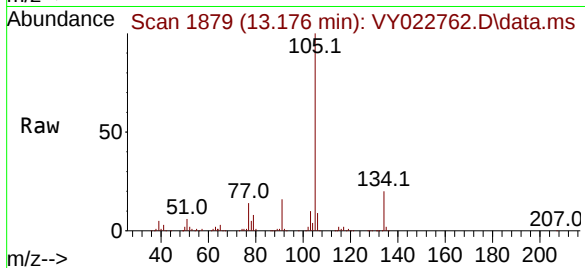
VY0620SBS01

Tgt Ion:105 Resp: 151982

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.127 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

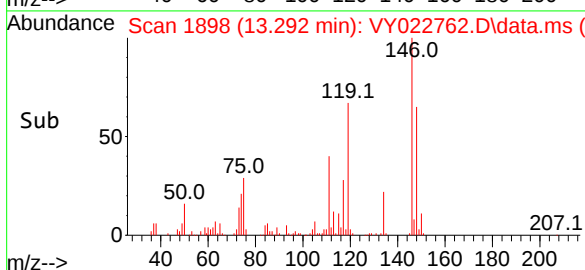
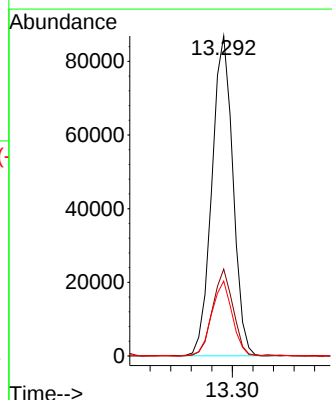
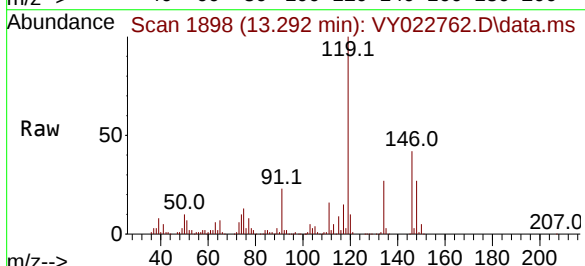
Tgt Ion:119 Resp: 123121

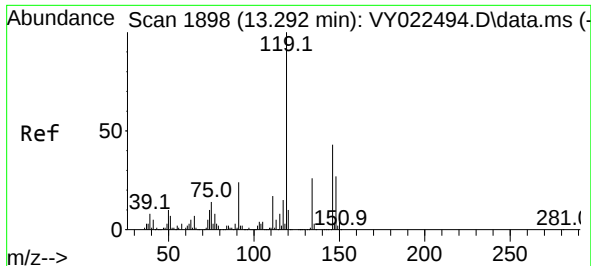
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.1 11.6 34.8

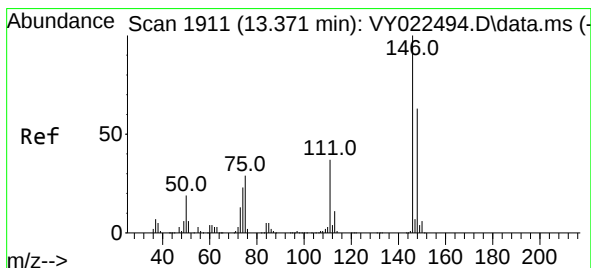
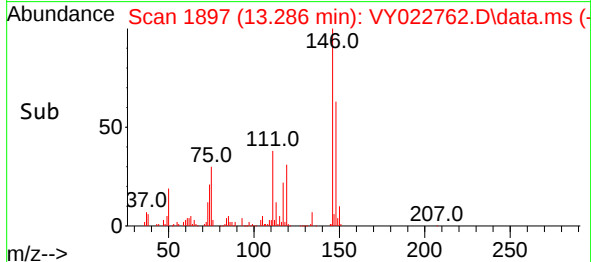
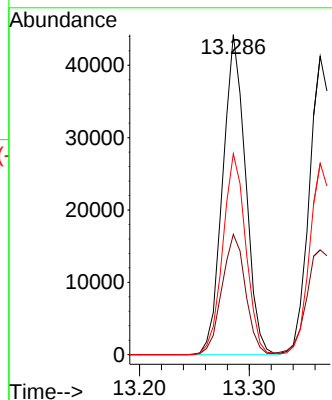
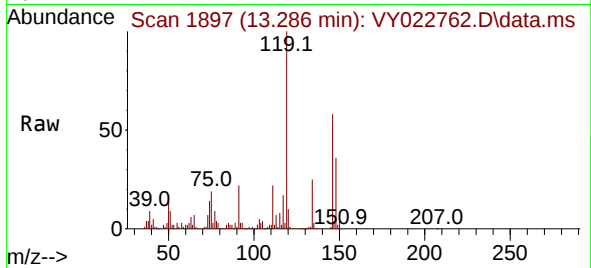




#87
 1,3-Dichlorobenzene
 Concen: 21.819 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

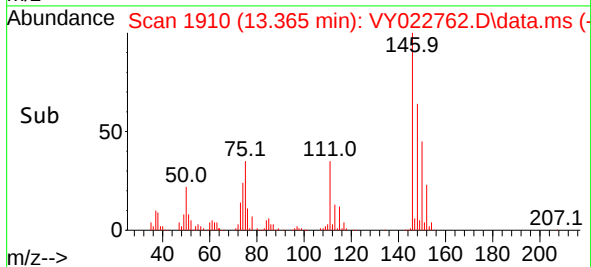
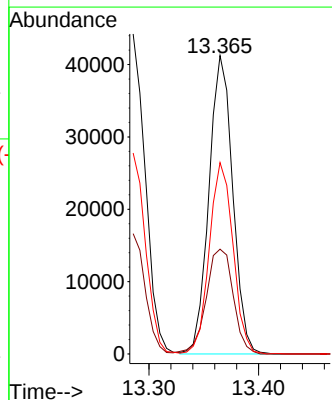
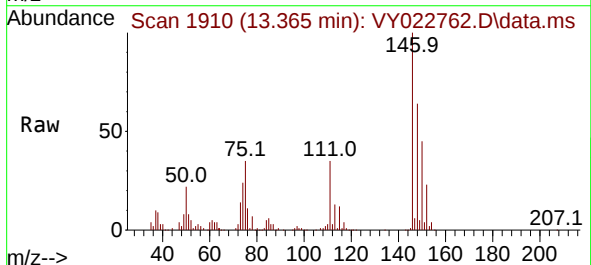
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBSD01

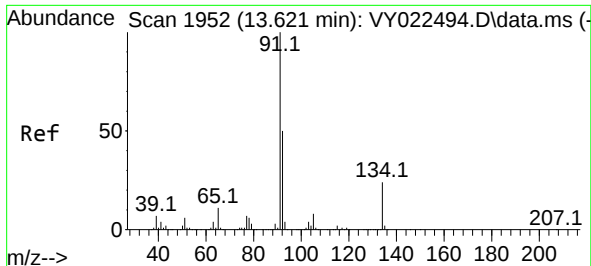
Tgt Ion:146 Resp: 64155
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.1 60.2
 148 63.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.843 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022762.D
 Acq: 20 Jun 2025 13:11

Tgt Ion:146 Resp: 62291
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.2
 148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 20.993 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

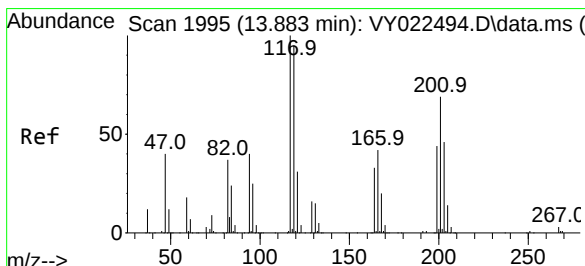
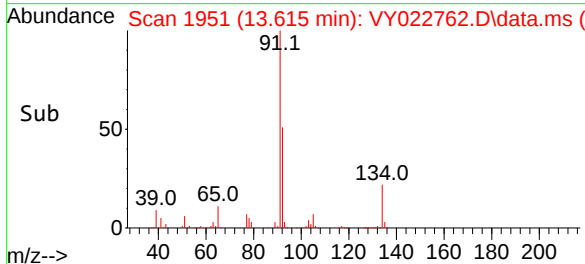
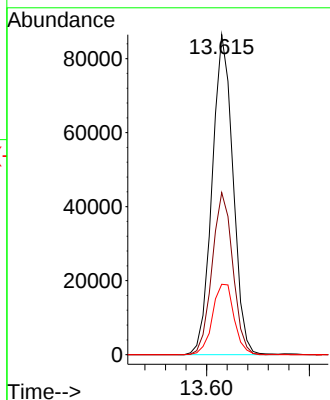
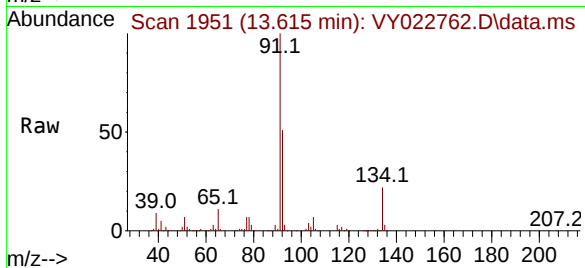
Tgt Ion: 91 Resp: 121842

Ion Ratio Lower Upper

91 100

92 50.3 25.9 77.8

134 22.9 12.0 36.1



#90

Hexachloroethane

Concen: 21.521 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022762.D

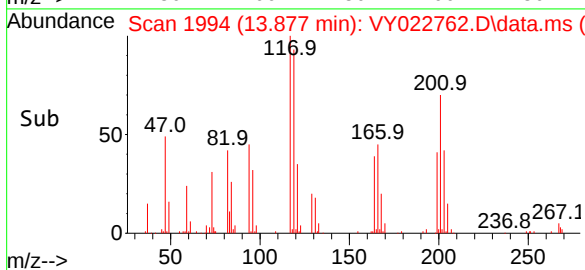
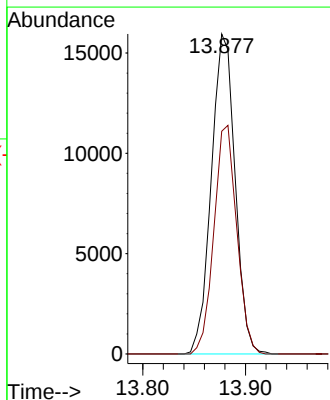
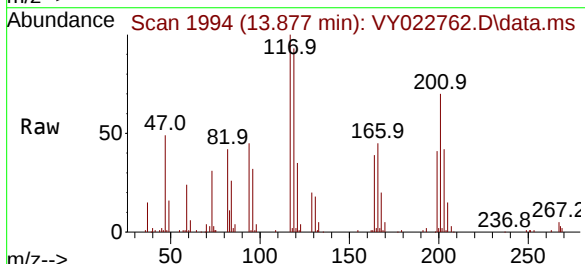
Acq: 20 Jun 2025 13:11

Tgt Ion: 117 Resp: 25630

Ion Ratio Lower Upper

117 100

201 68.6 34.0 102.0

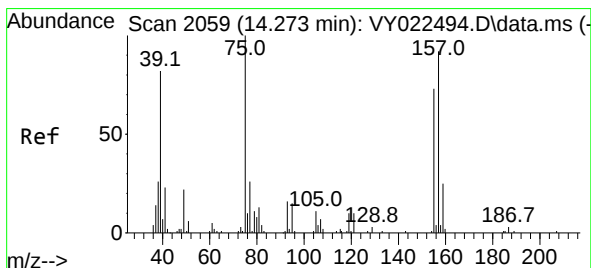
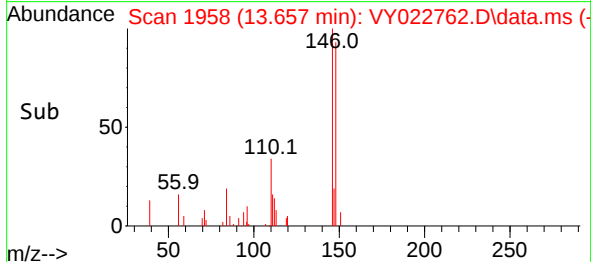
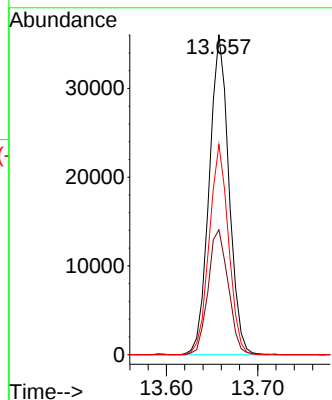
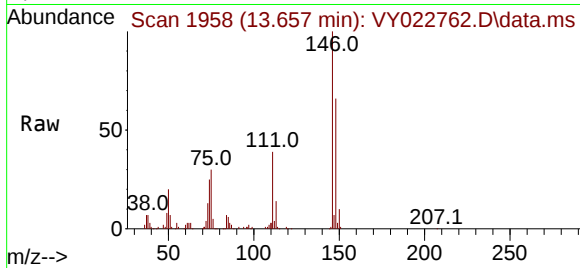




#91
1,2-Dichlorobenzene
Concen: 21.572 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

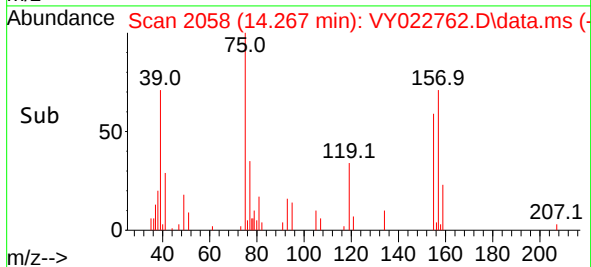
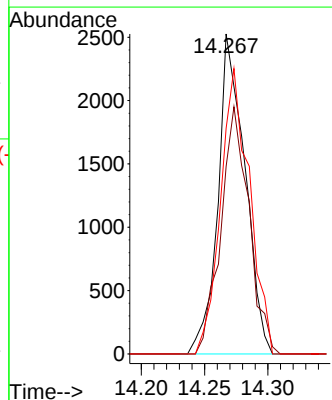
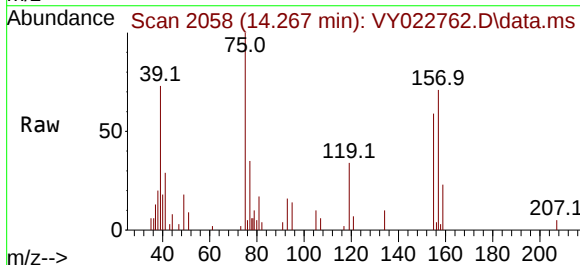
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBSD01

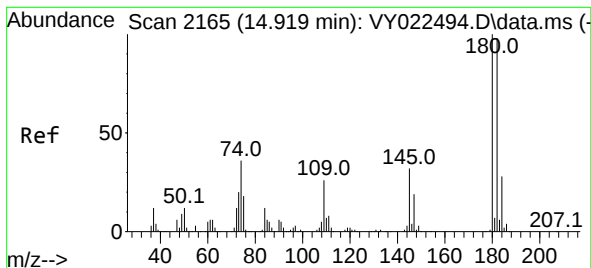
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.6
148	64.2	31.4	94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.735 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022762.D
Acq: 20 Jun 2025 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.9	119.6
157	95.8	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.375 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

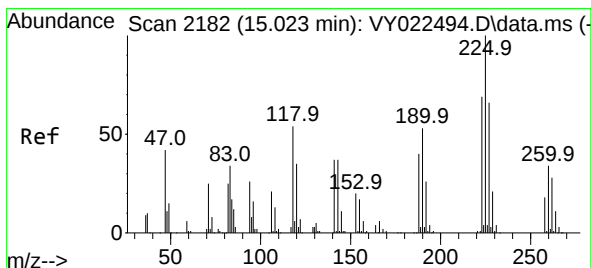
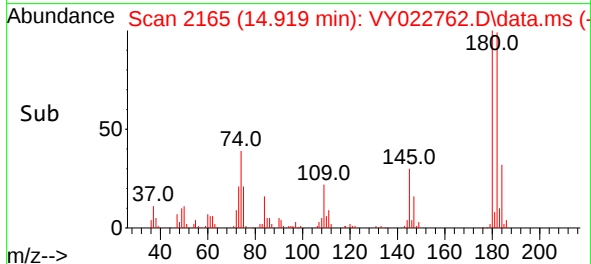
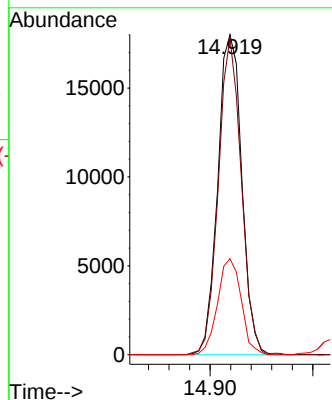
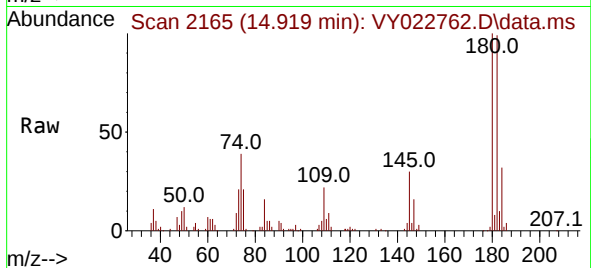
Tgt Ion:180 Resp: 29102

Ion Ratio Lower Upper

180 100

182 94.3 48.4 145.3

145 29.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 22.012 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

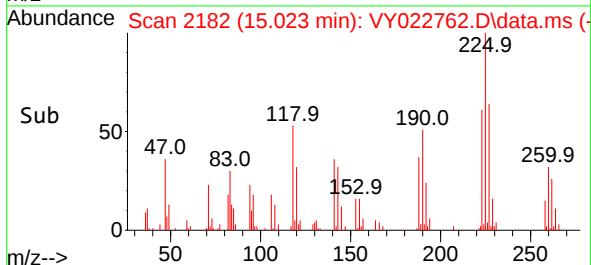
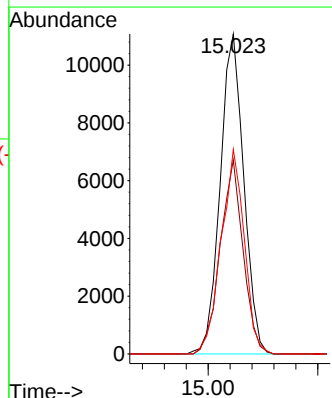
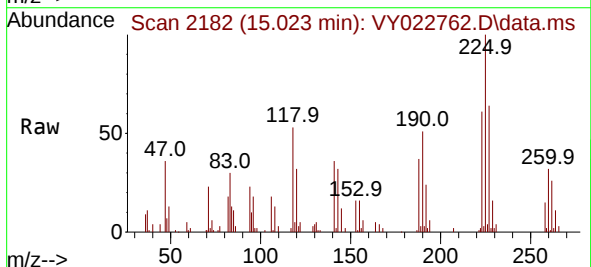
Tgt Ion:225 Resp: 16541

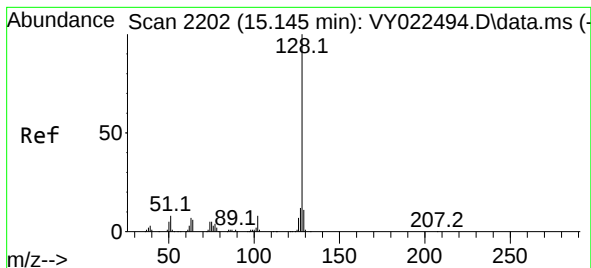
Ion Ratio Lower Upper

225 100

223 59.0 32.5 97.4

227 62.8 32.3 96.9





#95

Naphthalene

Concen: 20.156 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBS01

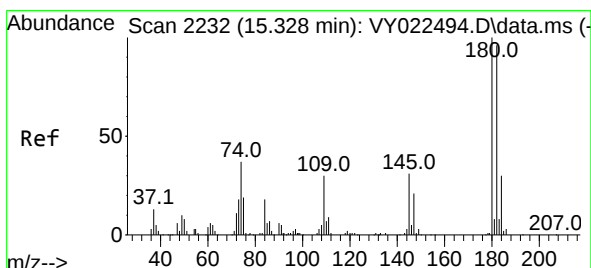
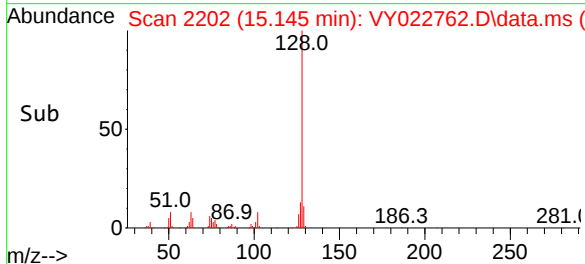
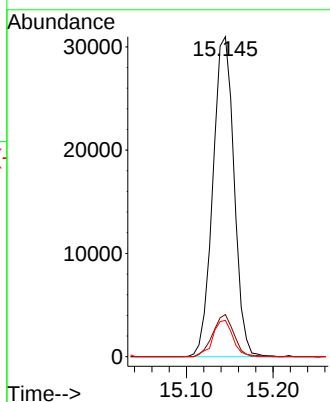
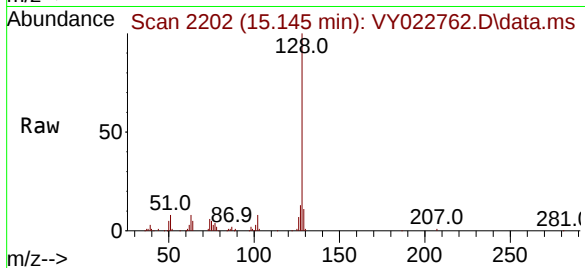
Tgt Ion:128 Resp: 52664

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.451 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022762.D

Acq: 20 Jun 2025 13:11

Tgt Ion:180 Resp: 25030

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 32.4 15.2 45.6

