

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022513.D
 Acq On : 03 Jun 2025 11:15
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 04 04:09:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	197612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	337632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110445	49.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.634	113	102818	51.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.040%
50) Toluene-d8	10.109	98	418973	51.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.407	95	118916	49.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	39051	22.073	ug/l	95
3) Chloromethane	2.074	50	96334	18.431	ug/l	98
4) Vinyl Chloride	2.208	62	126140	20.803	ug/l	96
5) Bromomethane	2.592	94	117107	20.151	ug/l	98
6) Chloroethane	2.732	64	88804	21.338	ug/l	96
7) Trichlorofluoromethane	3.049	101	114182	22.182	ug/l	99
8) Diethyl Ether	3.458	74	24346	21.002	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	46051	21.242	ug/l	99
10) Methyl Iodide	4.007	142	43818	18.677	ug/l	100
11) Tert butyl alcohol	4.872	59	15349	97.233	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	43949	21.208	ug/l	95
13) Acrolein	3.653	56	20560	104.508	ug/l	97
14) Allyl chloride	4.391	41	67413	20.722	ug/l	98
15) Acrylonitrile	5.067	53	48448	98.683	ug/l	98
16) Acetone	3.872	43	64637	144.004	ug/l	97
17) Carbon Disulfide	4.110	76	138205	20.831	ug/l	100
18) Methyl Acetate	4.391	43	27356	20.581	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	118612	20.321	ug/l	96
20) Methylene Chloride	4.616	84	47160	18.497	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	47664	20.551	ug/l	98
22) Diisopropyl ether	6.018	45	150165	20.737	ug/l	95
23) Vinyl Acetate	5.963	43	425369	99.247	ug/l	100
24) 1,1-Dichloroethane	5.921	63	90453	21.203	ug/l	98
25) 2-Butanone	6.902	43	76024	117.421	ug/l	90
26) 2,2-Dichloropropane	6.884	77	81323	21.575	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55057	20.538	ug/l	97
28) Bromochloromethane	7.244	49	39559	21.273	ug/l	96
29) Tetrahydrofuran	7.262	42	40474	96.924	ug/l	100
30) Chloroform	7.427	83	88966	21.055	ug/l	94
31) Cyclohexane	7.701	56	85871	20.219	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	79604	21.222	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66890	20.451	ug/l	99
37) Ethyl Acetate	6.994	43	28280	19.388	ug/l	97
38) Carbon Tetrachloride	7.817	117	67799	20.206	ug/l	95
39) Methylcyclohexane	9.109	83	87053	19.805	ug/l	98
40) Benzene	8.085	78	200164	20.720	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	15933	18.701	ug/l	96
42) 1,2-Dichloroethane	8.158	62	53923	20.443	ug/l	99
43) Isopropyl Acetate	8.201	43	60985	19.359	ug/l #	87
44) Trichloroethene	8.865	130	50394	21.344	ug/l	95
45) 1,2-Dichloropropane	9.146	63	47626	20.860	ug/l	99
46) Dibromomethane	9.231	93	24877	19.368	ug/l	97
47) Bromodichloromethane	9.426	83	67673	20.778	ug/l	95
48) Methyl methacrylate	9.225	41	27658	18.707	ug/l	96
49) 1,4-Dioxane	9.237	88	5752	378.003	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	150751	95.984	ug/l	100
52) Toluene	10.170	92	122301	20.145	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	60125	19.703	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	73109	20.581	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	33009	20.154	ug/l	95
56) Ethyl methacrylate	10.438	69	44052	18.609	ug/l	99
57) 1,3-Dichloropropane	10.719	76	57905	19.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	104791	97.502	ug/l	99
59) 2-Hexanone	10.761	43	113080	107.655	ug/l	99
60) Dibromochloromethane	10.908	129	41162	19.776	ug/l	99
61) 1,2-Dibromoethane	11.017	107	30056	20.134	ug/l	95
64) Tetrachloroethene	10.646	164	51847	21.203	ug/l	99
65) Chlorobenzene	11.444	112	127590	20.283	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.517	131	42827	20.210	ug/l	99
67) Ethyl Benzene	11.517	91	236274	20.251	ug/l	99
68) m/p-Xylenes	11.627	106	177595	40.152	ug/l	99
69) o-Xylene	11.956	106	83043	20.025	ug/l	99
70) Styrene	11.969	104	136395	19.898	ug/l	99
71) Bromoform	12.133	173	21024	18.644	ug/l #	99
73) Isopropylbenzene	12.255	105	218088	20.130	ug/l	100
74) N-amyl acetate	12.072	43	51955	19.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33056	18.590	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	48123	31.876	ug/l #	100
77) Bromobenzene	12.529	156	44250	19.355	ug/l	95
78) n-propylbenzene	12.596	91	268379	20.282	ug/l	100
79) 2-Chlorotoluene	12.682	91	140839	20.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	169137	19.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12442	19.903	ug/l	92
82) 4-Chlorotoluene	12.779	91	144089	19.916	ug/l	100
83) tert-Butylbenzene	12.999	119	155396	20.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	167992	19.747	ug/l	100
85) sec-Butylbenzene	13.176	105	234207	20.032	ug/l	100
86) p-Isopropyltoluene	13.291	119	188849	19.596	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	89632	19.350	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	89737	19.974	ug/l	100
89) n-Butylbenzene	13.615	91	183570	20.077	ug/l	100
90) Hexachloroethane	13.883	117	38158	20.338	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	77708	19.759	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4880	18.850	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	40402	18.836	ug/l	97
94) Hexachlorobutadiene	15.023	225	23265	19.652	ug/l	99
95) Naphthalene	15.145	128	74961	18.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	35695	19.418	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

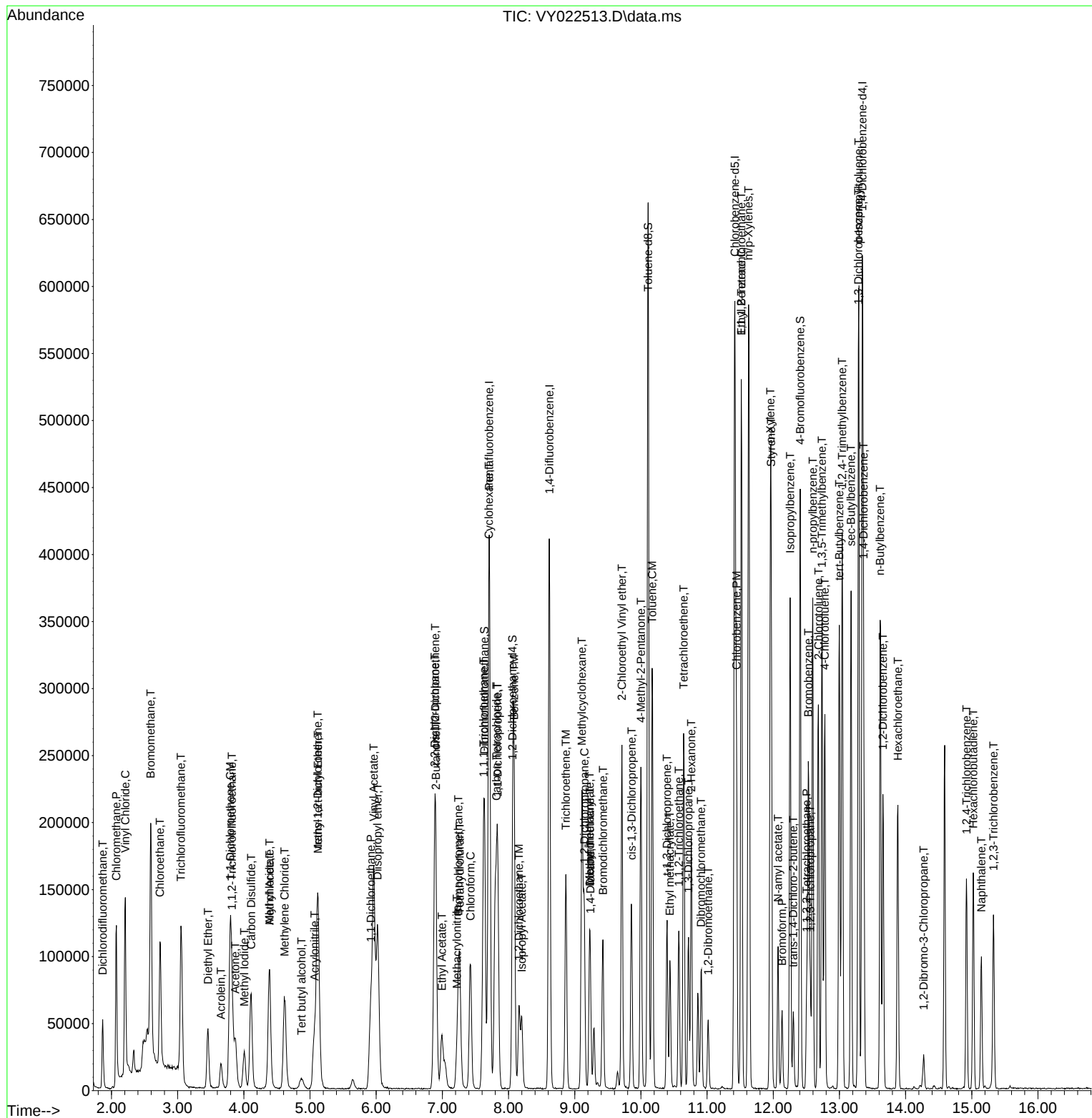
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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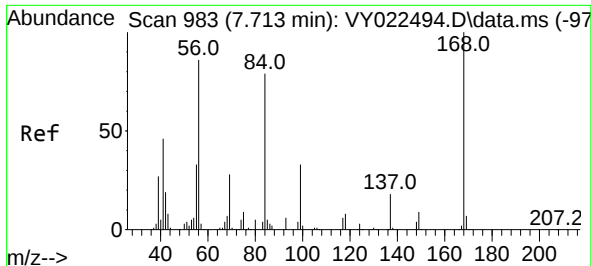
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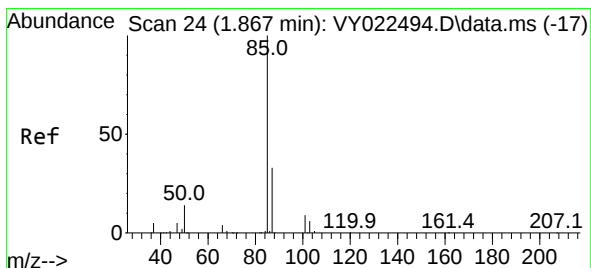
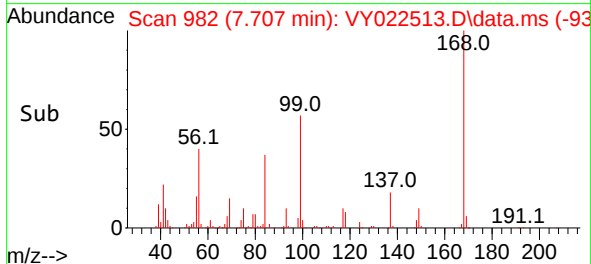
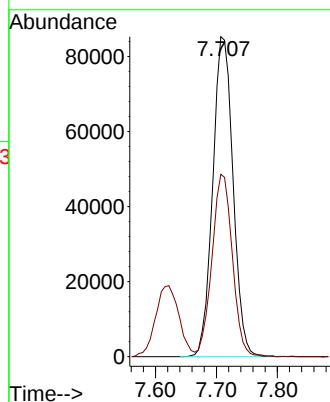
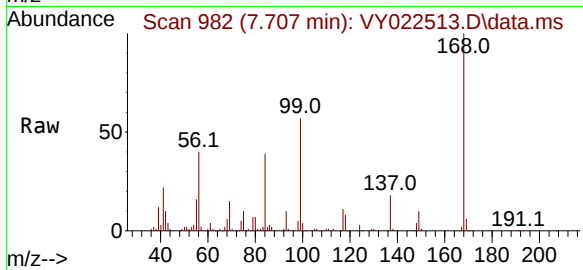




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022513.D
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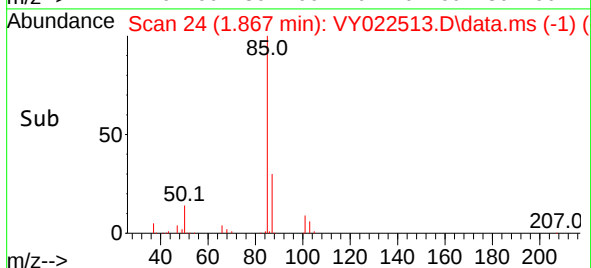
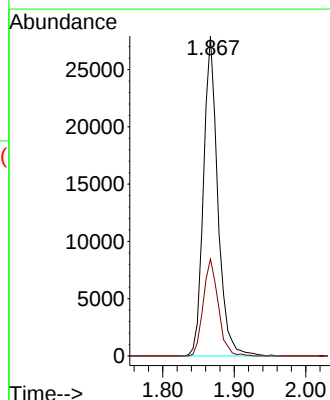
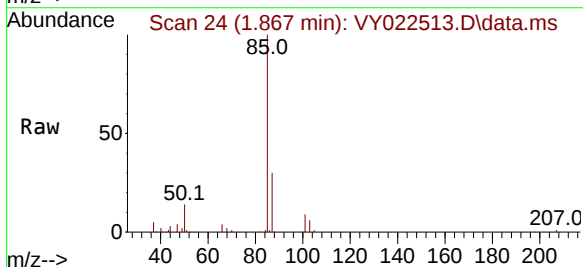
Instrument :
MSVOA_Y
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VY0603SBS01

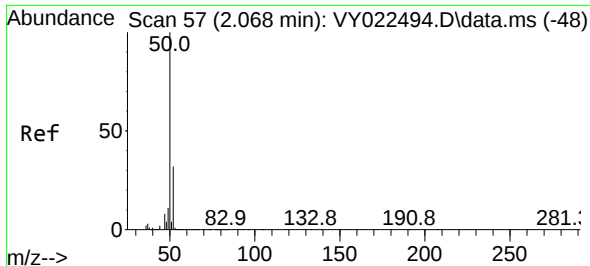
Tgt Ion:168 Resp: 197612
Ion Ratio Lower Upper
168 100
99 56.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.073 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 85 Resp: 39051
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.0

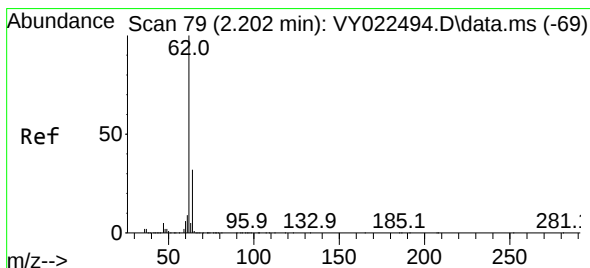
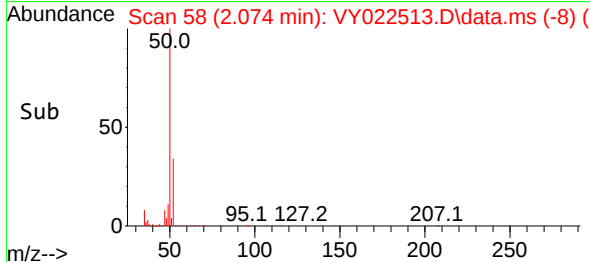
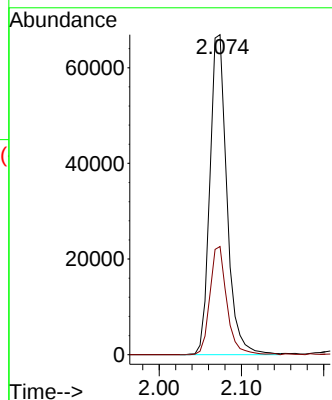
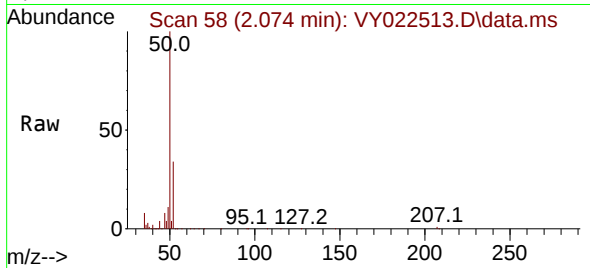




#3
Chloromethane
Concen: 18.431 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

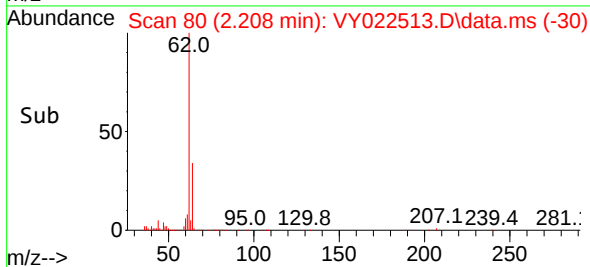
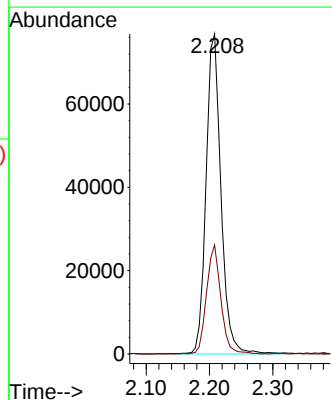
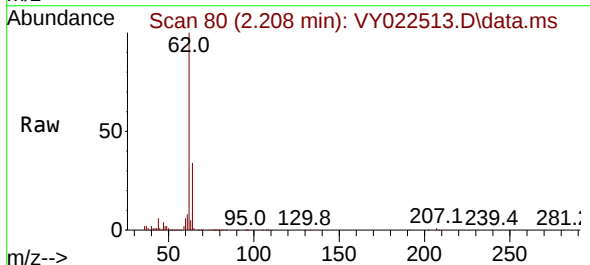
Instrument :
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ClientSampleId :
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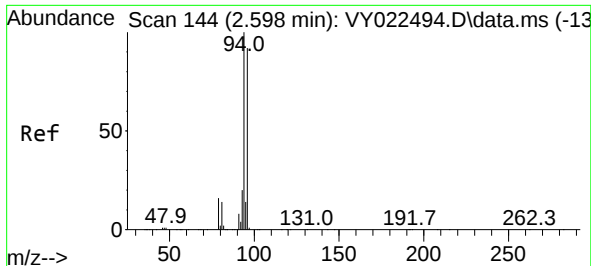
Tgt Ion: 50 Resp: 96334
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 20.803 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 62 Resp: 126140
Ion Ratio Lower Upper
62 100
64 34.0 25.3 37.9

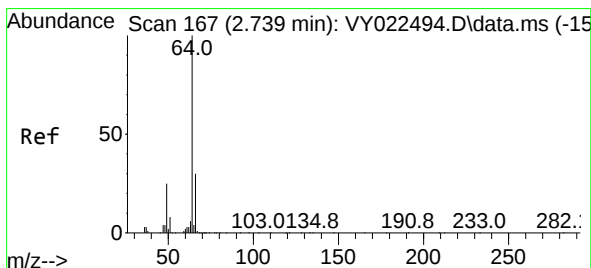
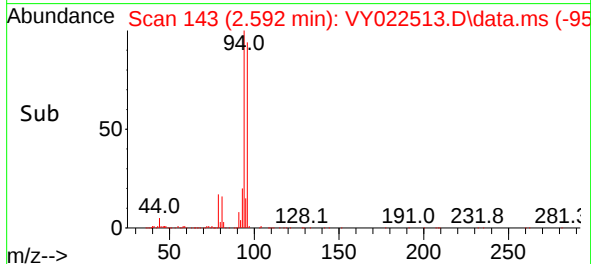
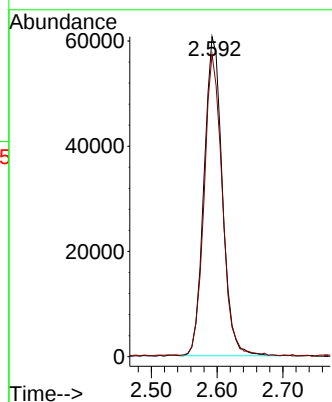
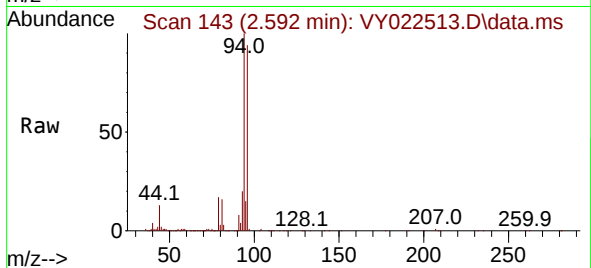




#5
Bromomethane
Concen: 20.151 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022513.D
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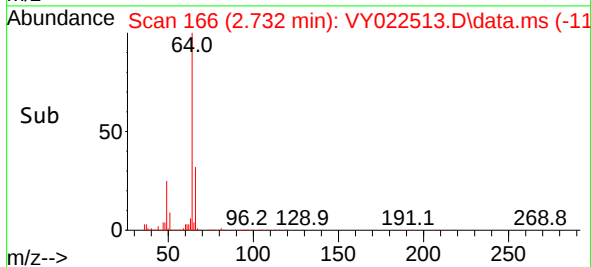
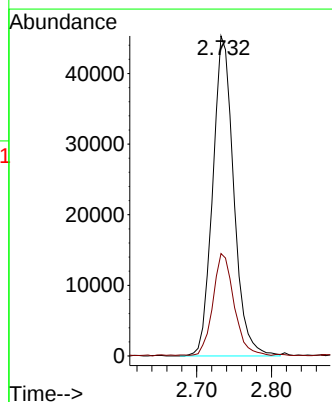
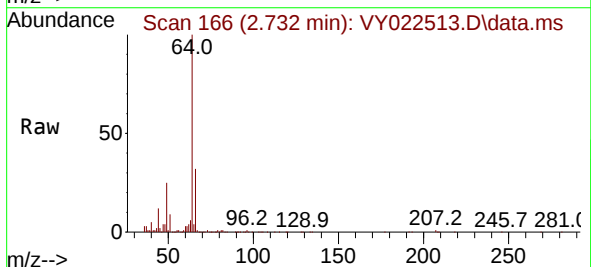
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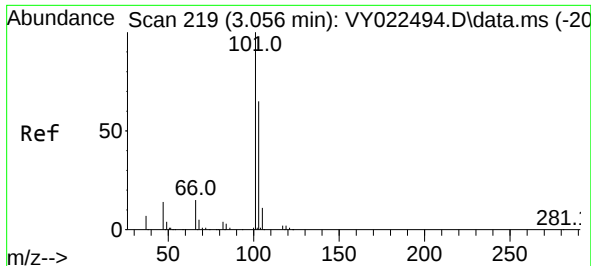
Tgt Ion: 94 Resp: 117107
Ion Ratio Lower Upper
94 100
96 94.4 74.0 111.0



#6
Chloroethane
Concen: 21.338 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022513.D
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Tgt Ion: 64 Resp: 88804
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.6

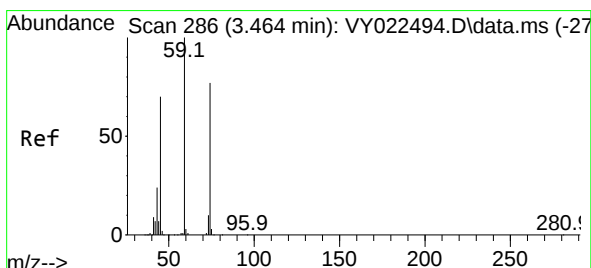
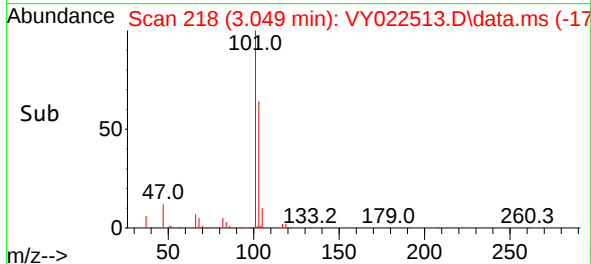
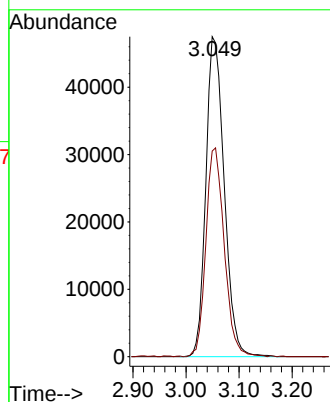
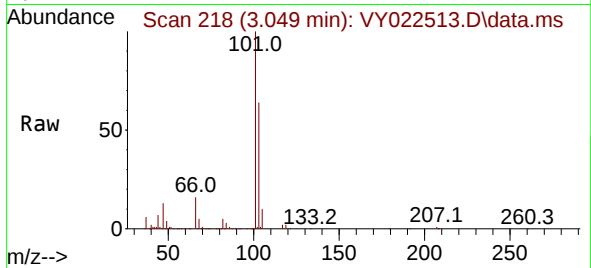




#7
Trichlorofluoromethane
Concen: 22.182 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

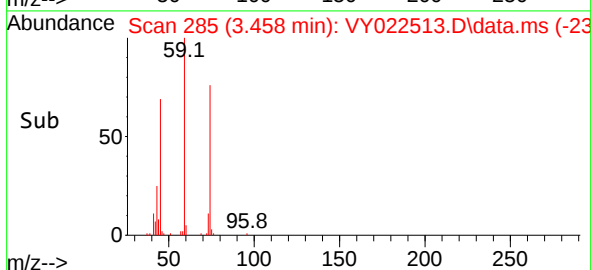
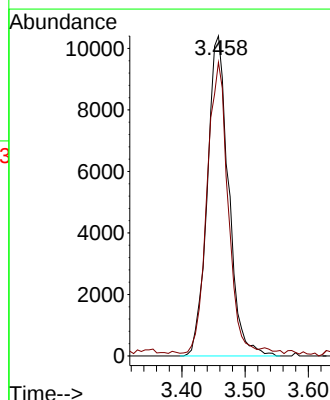
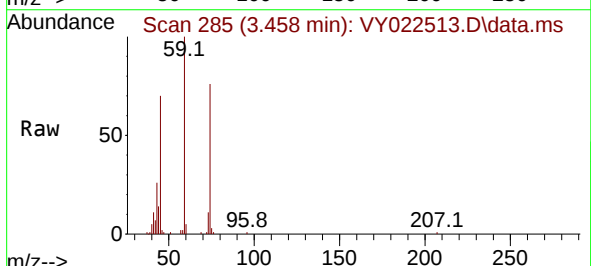
Instrument :
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ClientSampleId :
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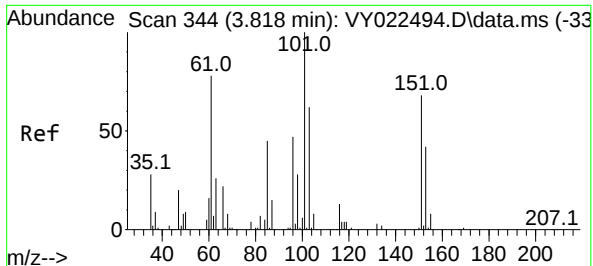
Tgt Ion:101 Resp: 114182
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2



#8
Diethyl Ether
Concen: 21.002 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 74 Resp: 24346
Ion Ratio Lower Upper
74 100
45 88.7 45.9 137.6

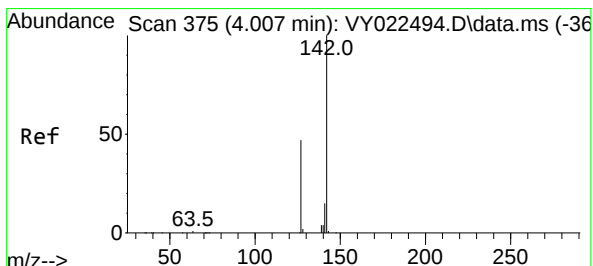
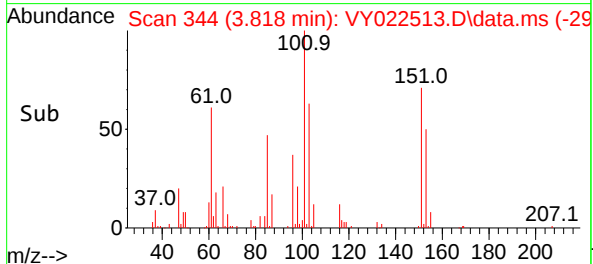
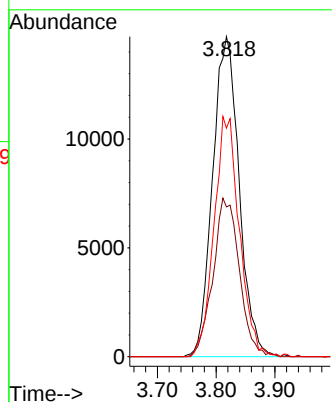
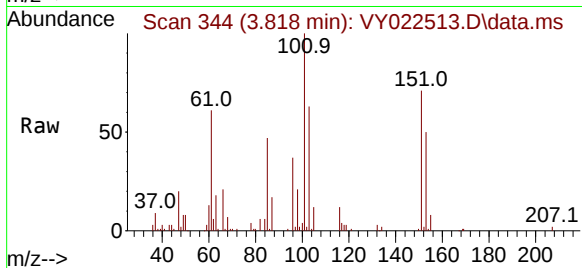




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.242 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

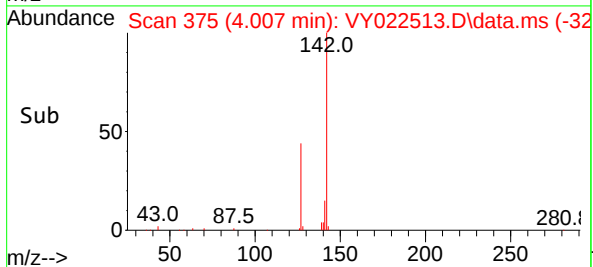
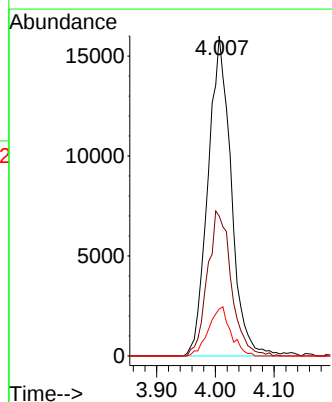
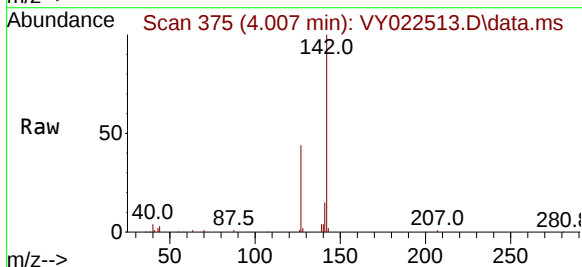
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

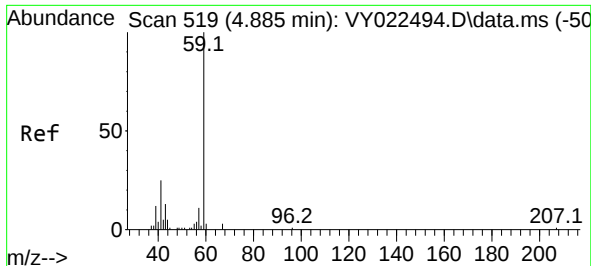
Tgt Ion:101 Resp: 46051
Ion Ratio Lower Upper
101 100
85 49.3 39.3 58.9
151 71.8 57.8 86.8



#10
Methyl Iodide
Concen: 18.677 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:142 Resp: 43818
Ion Ratio Lower Upper
142 100
127 46.6 37.1 55.7
141 14.7 11.4 17.2

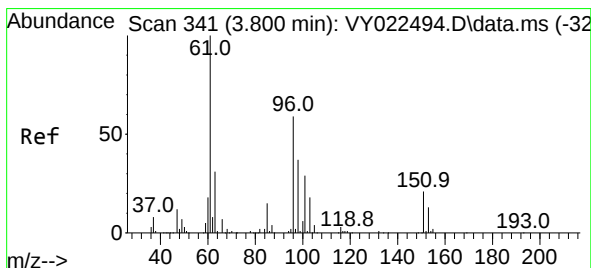
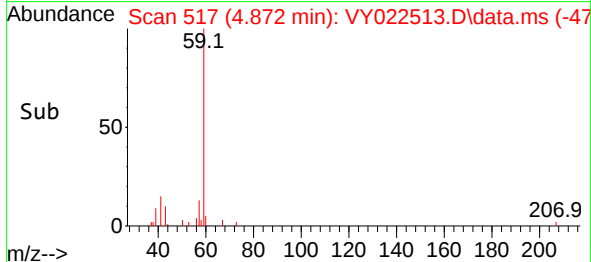
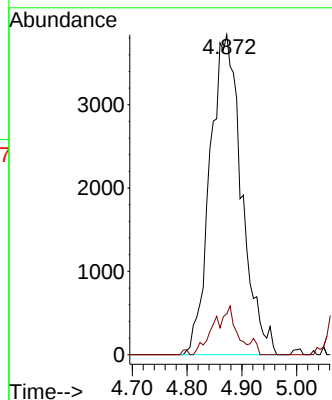
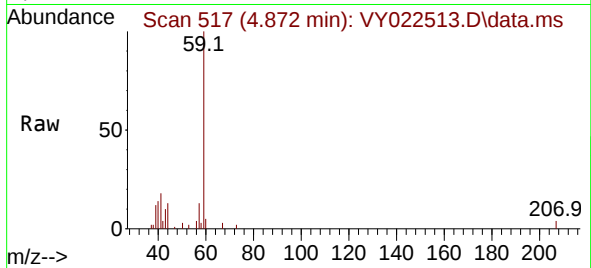




#11
Tert butyl alcohol
Concen: 97.233 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

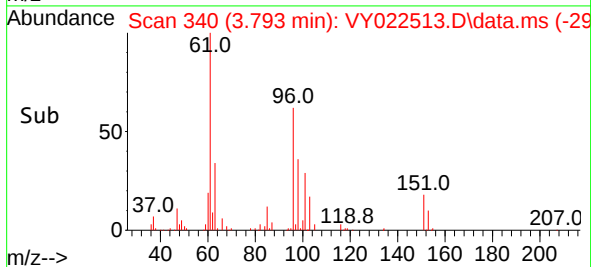
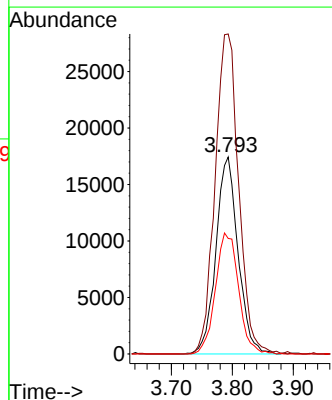
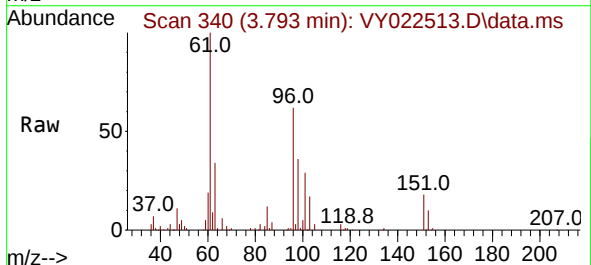
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

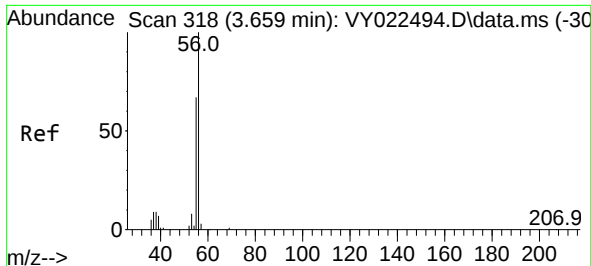
Tgt Ion: 59 Resp: 15349
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.208 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 96 Resp: 43949
Ion Ratio Lower Upper
96 100
61 162.5 134.6 201.8
98 58.7 50.2 75.4

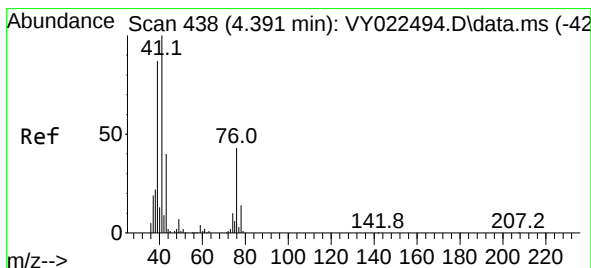
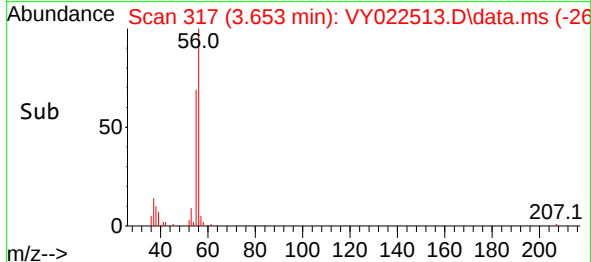
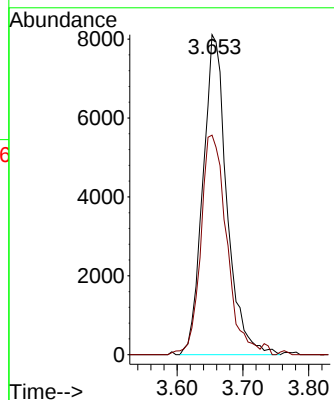
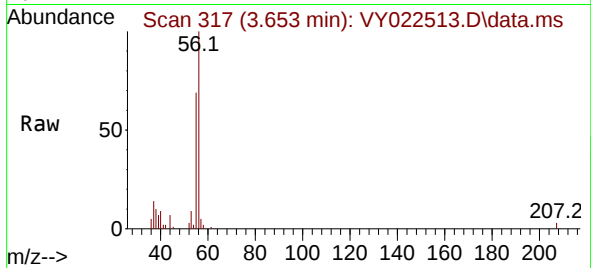




#13
Acrolein
Concen: 104.508 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

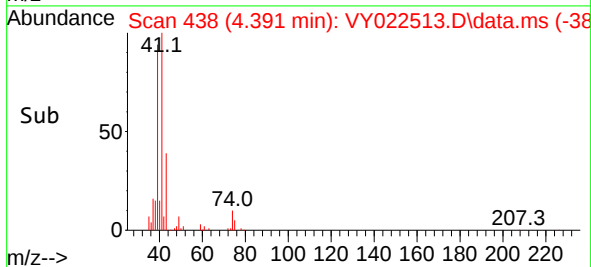
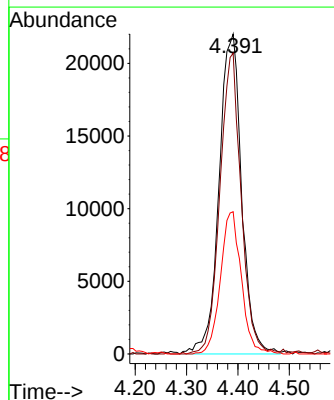
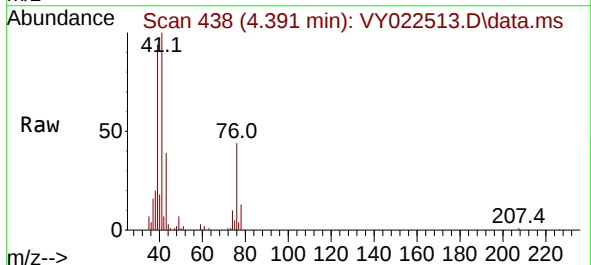
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

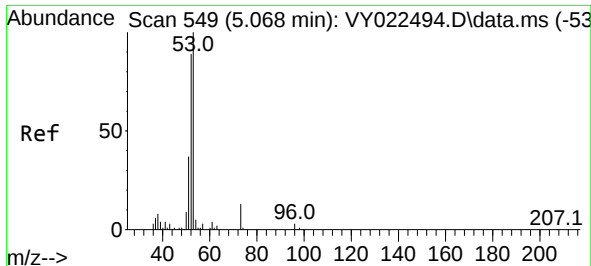
Tgt Ion: 56 Resp: 20560
Ion Ratio Lower Upper
56 100
55 73.7 57.0 85.6



#14
Allyl chloride
Concen: 20.722 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 67413
Ion Ratio Lower Upper
41 100
39 88.1 69.1 103.7
76 41.0 33.5 50.3

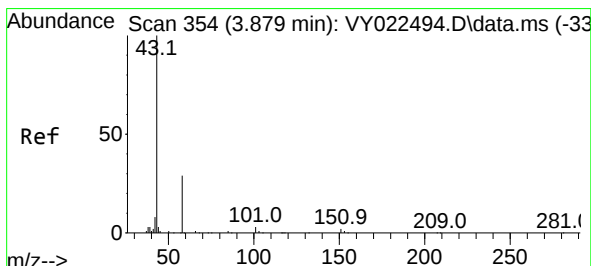
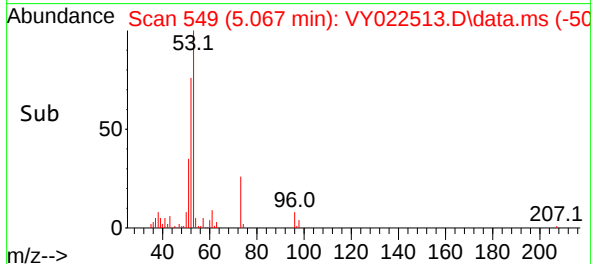
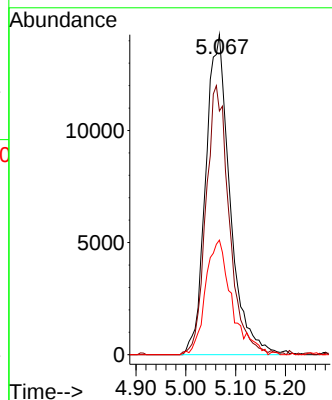
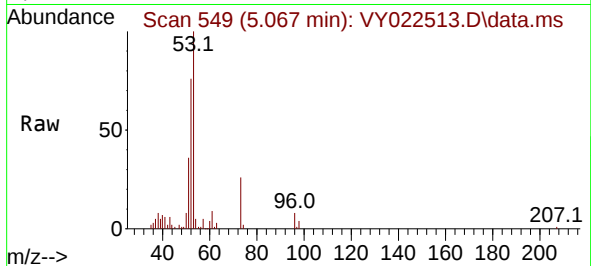




#15
Acrylonitrile
Concen: 98.683 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

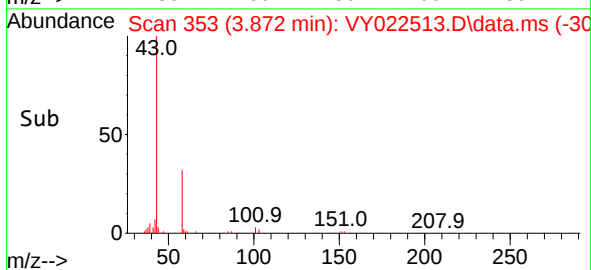
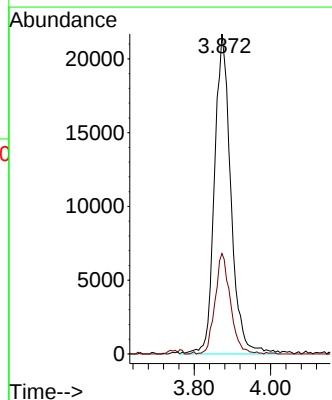
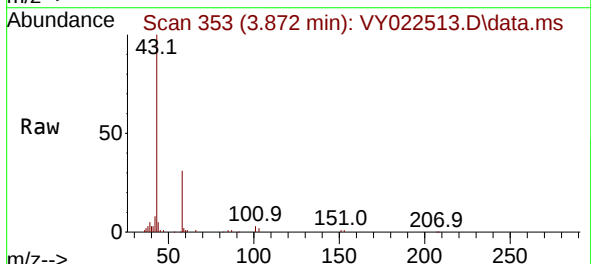
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

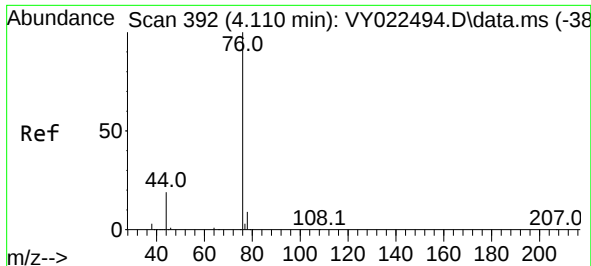
Tgt Ion: 53	Resp: 48448
Ion Ratio	Lower Upper
53 100	
52 80.5	65.7 98.5
51 38.5	30.1 45.1



#16
Acetone
Concen: 144.004 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43	Resp: 64637
Ion Ratio	Lower Upper
43 100	
58 31.4	24.0 36.0

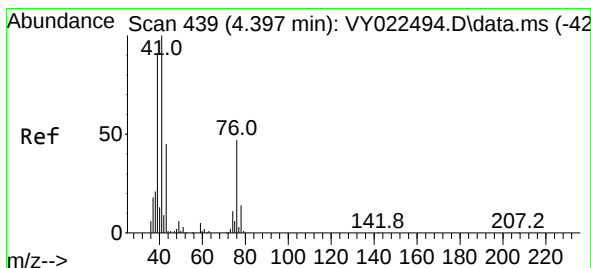
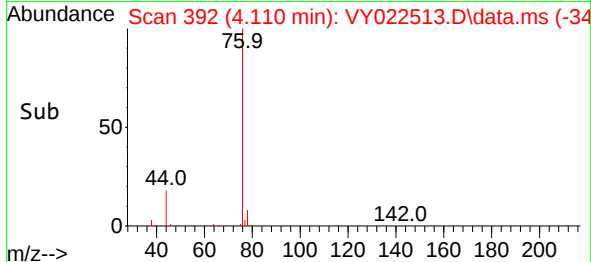
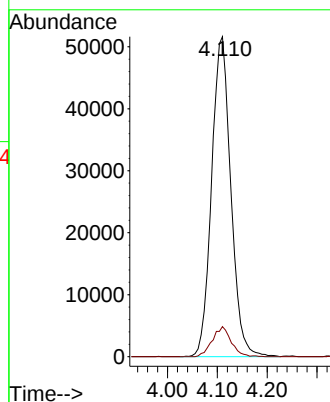
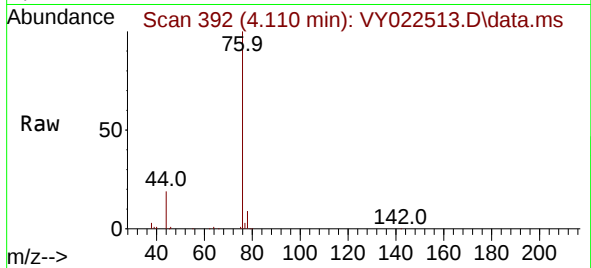




#17
Carbon Disulfide
Concen: 20.831 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

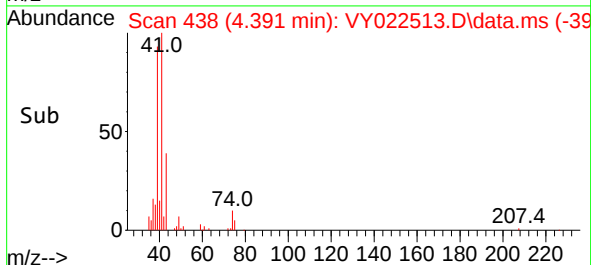
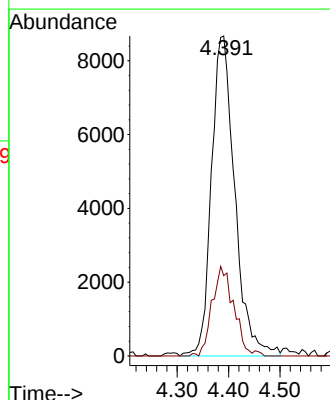
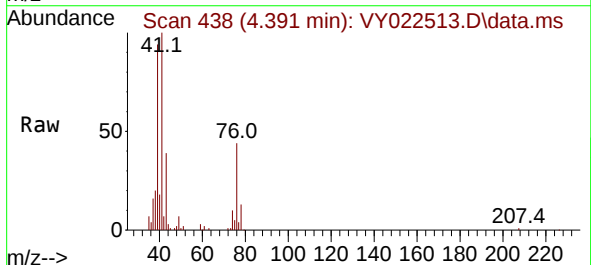
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

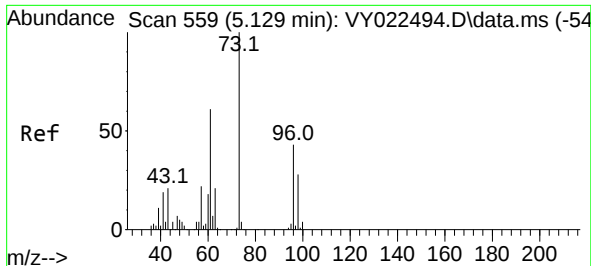
Tgt Ion: 76 Resp: 138205
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 20.581 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 27356
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6

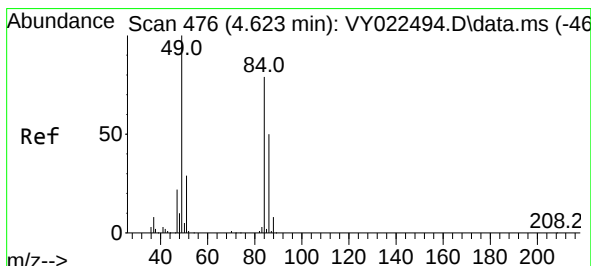
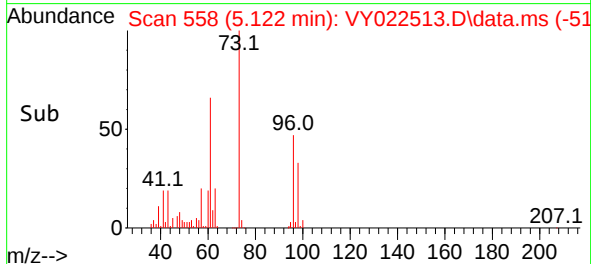
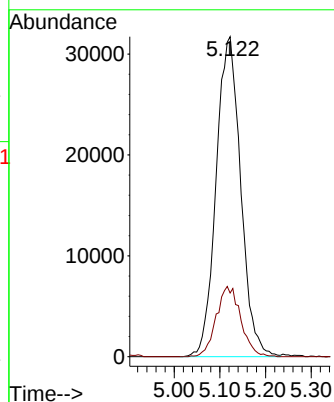
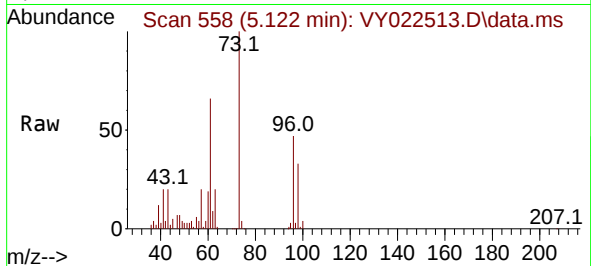




#19
Methyl tert-butyl Ether
Concen: 20.321 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

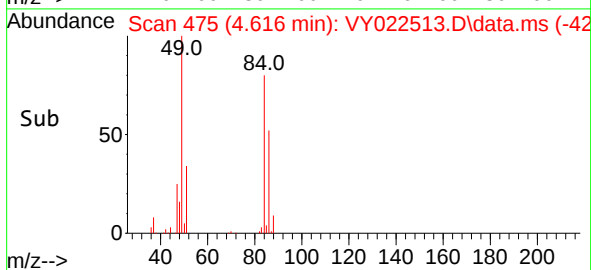
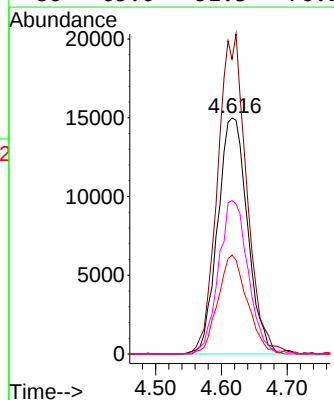
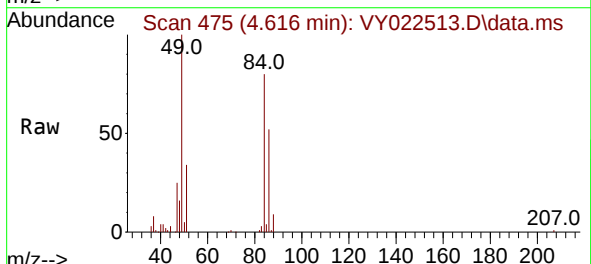
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

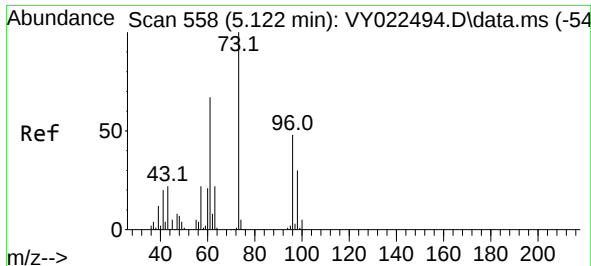
Tgt Ion: 73 Resp: 118612
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 18.497 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 84 Resp: 47160
Ion Ratio Lower Upper
84 100
49 124.9 101.9 152.9
51 42.0 29.8 44.8
86 65.0 51.3 76.9

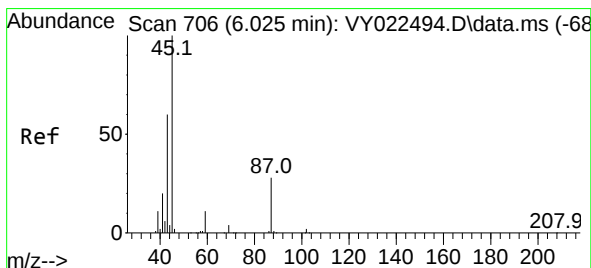
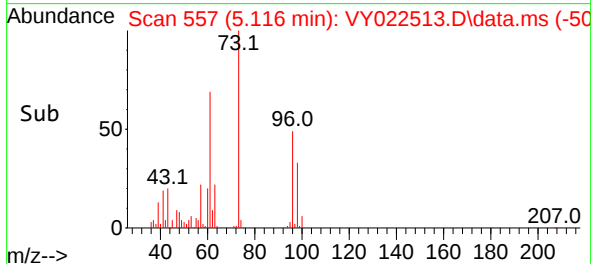
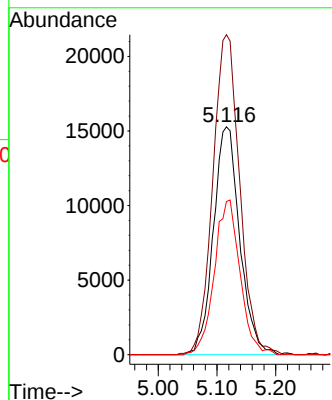
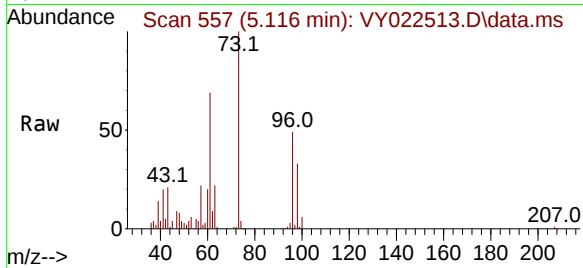




#21
trans-1,2-Dichloroethene
Concen: 20.551 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

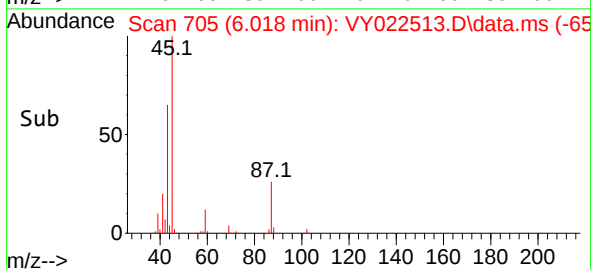
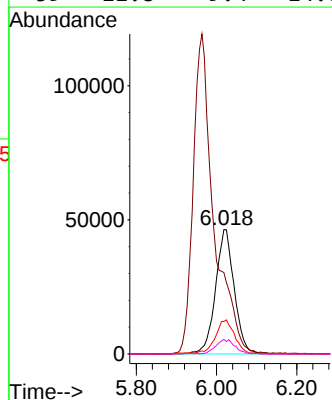
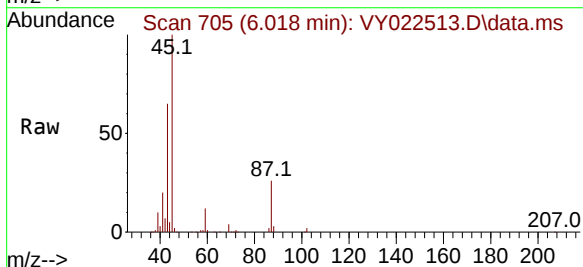
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

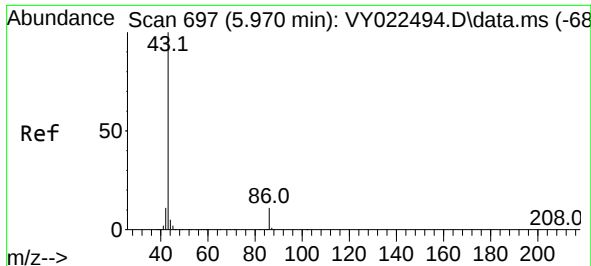
Tgt Ion: 96 Resp: 47664
Ion Ratio Lower Upper
96 100
61 139.9 112.6 169.0
98 67.2 50.6 75.8



#22
Diisopropyl ether
Concen: 20.737 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 45 Resp: 150165
Ion Ratio Lower Upper
45 100
43 64.6 48.3 72.5
87 26.1 23.0 34.6
59 11.8 9.4 14.0

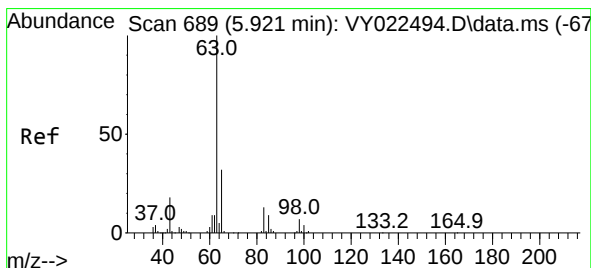
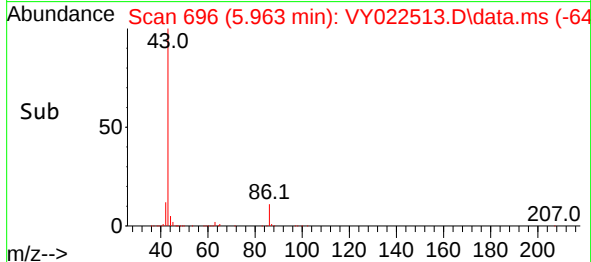
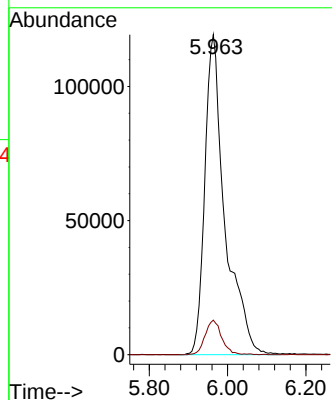
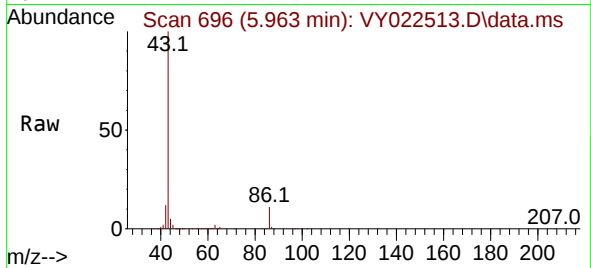




#23
 Vinyl Acetate
 Concen: 99.247 ug/l
 RT: 5.963 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY022513.D
 Acq: 03 Jun 2025 11:15

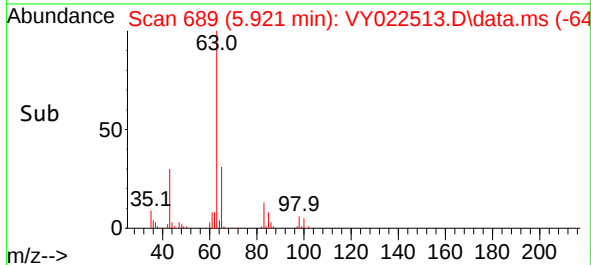
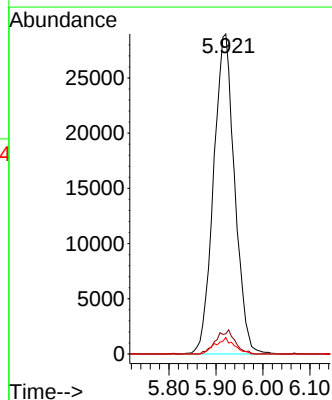
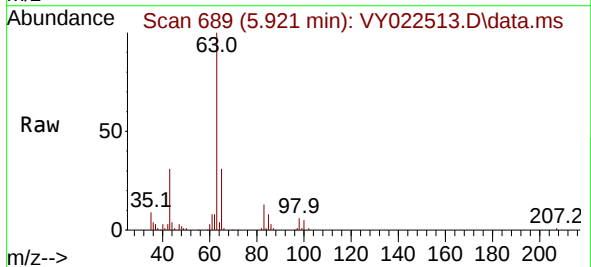
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

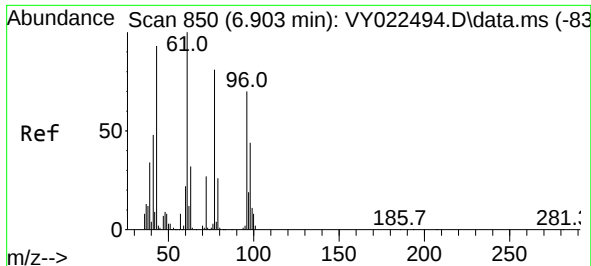
Tgt Ion: 43 Resp: 425369
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.203 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022513.D
 Acq: 03 Jun 2025 11:15

Tgt Ion: 63 Resp: 90453
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 5.2 2.1 6.3

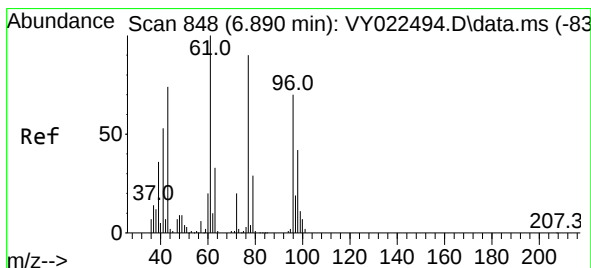
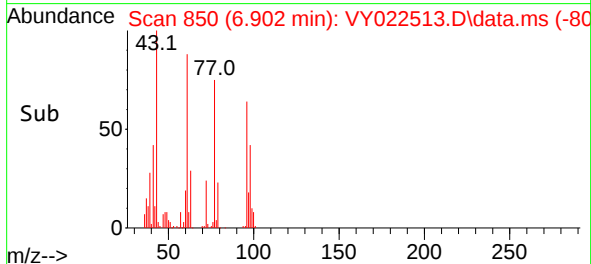
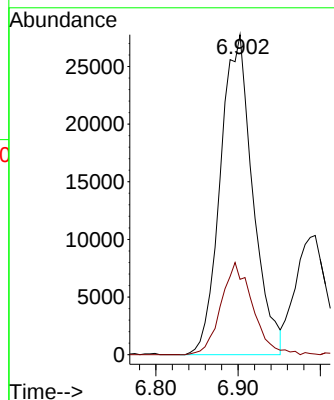
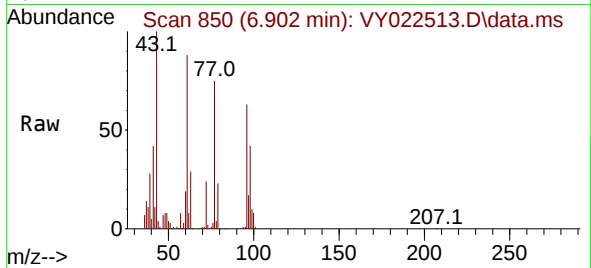




#25
2-Butanone
Concen: 117.421 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

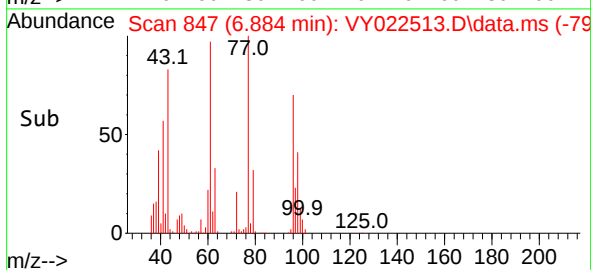
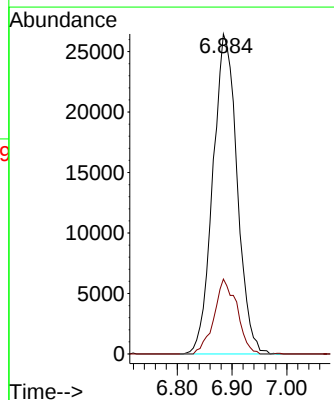
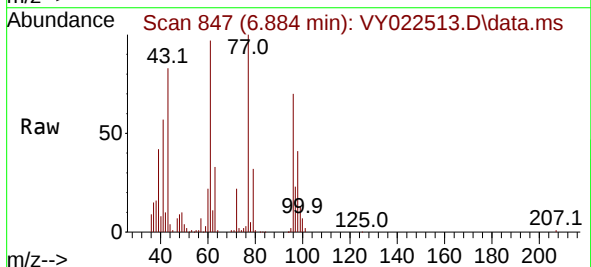
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

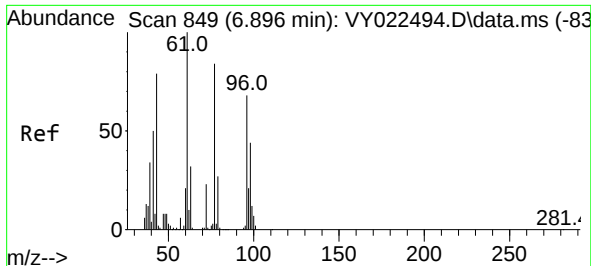
Tgt Ion: 43 Resp: 76024
Ion Ratio Lower Upper
43 100
72 23.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.575 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 77 Resp: 81323
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.538 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

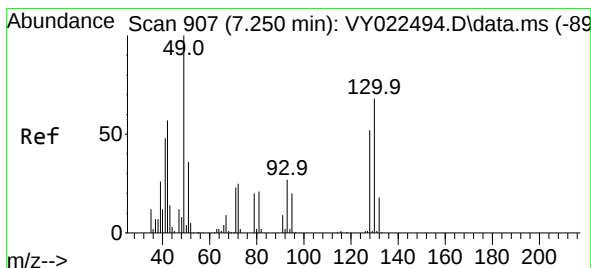
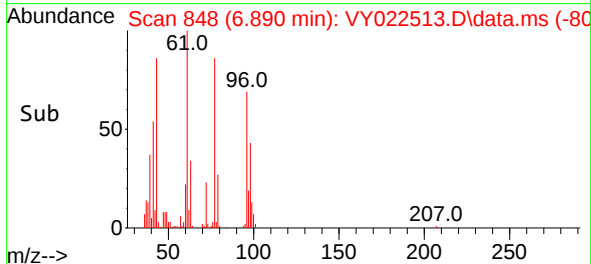
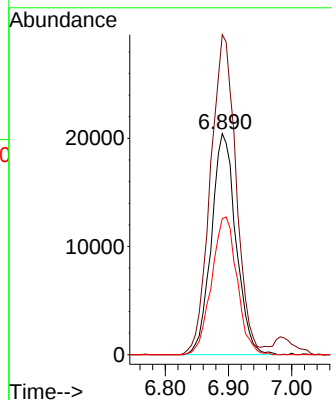
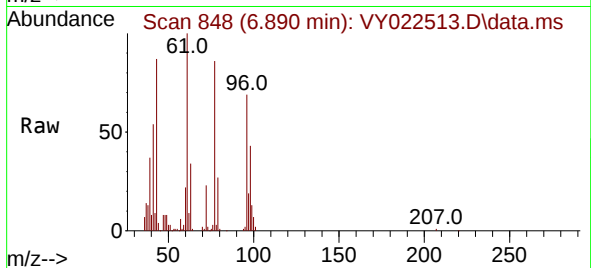
Tgt Ion: 96 Resp: 55057

Ion Ratio Lower Upper

96 100

61 150.9 0.0 290.0

98 64.5 0.0 128.4



#28

Bromochloromethane

Concen: 21.273 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

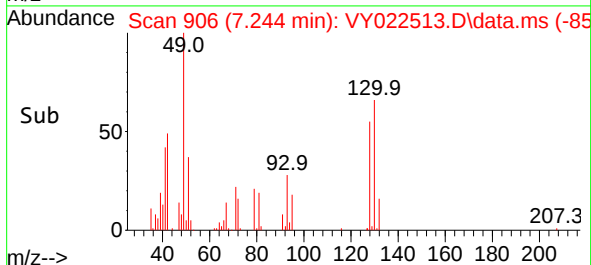
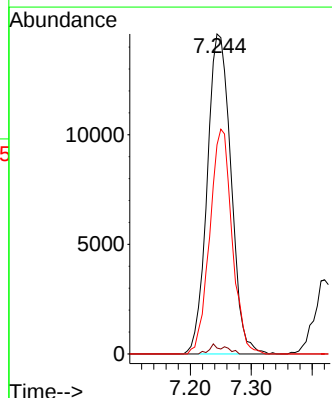
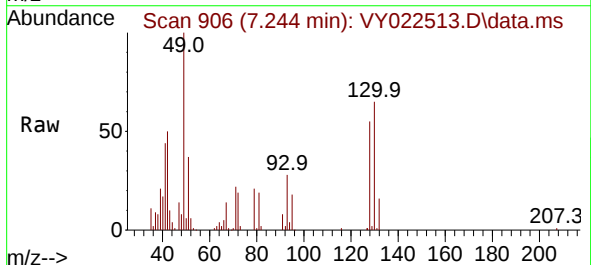
Tgt Ion: 49 Resp: 39559

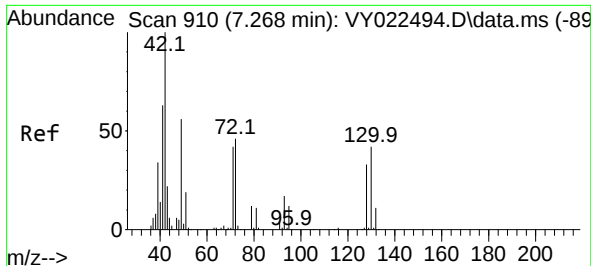
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.6

130 66.0 55.7 83.5

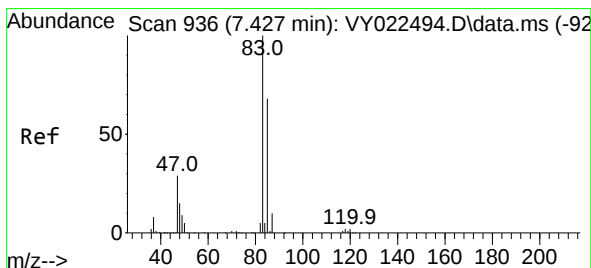
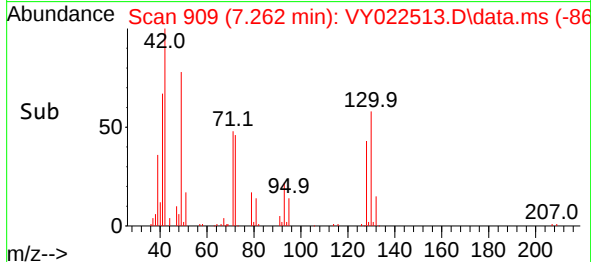
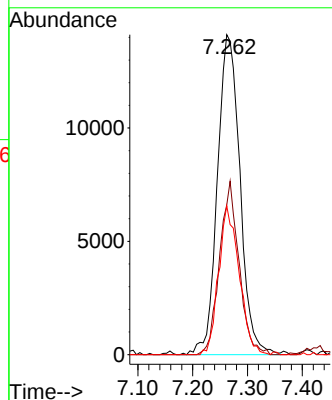
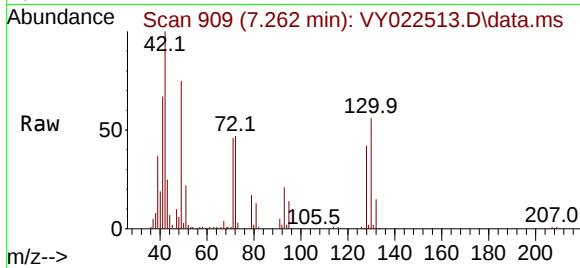




#29
Tetrahydrofuran
Concen: 96.924 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

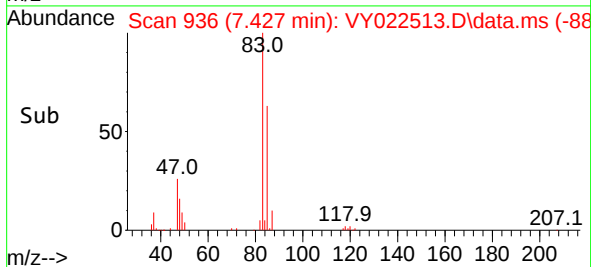
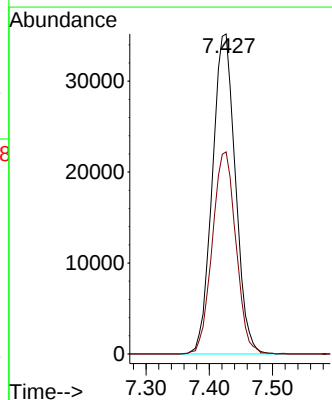
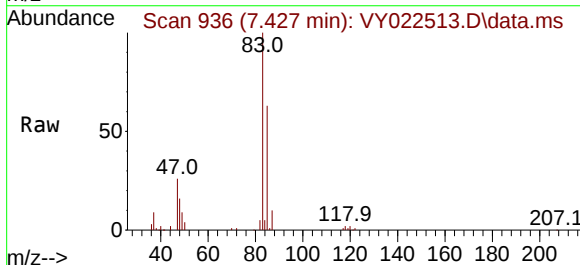
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

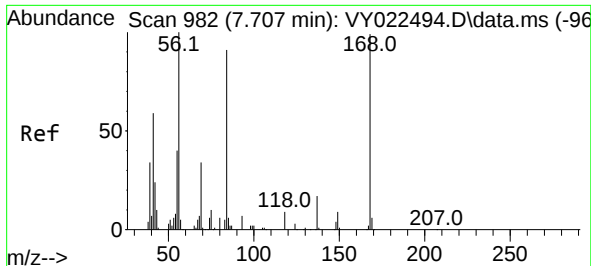
Tgt Ion: 42 Resp: 40474
Ion Ratio Lower Upper
42 100
72 46.8 37.4 56.2
71 42.2 34.2 51.2



#30
Chloroform
Concen: 21.055 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 83 Resp: 88966
Ion Ratio Lower Upper
83 100
85 63.1 54.2 81.4

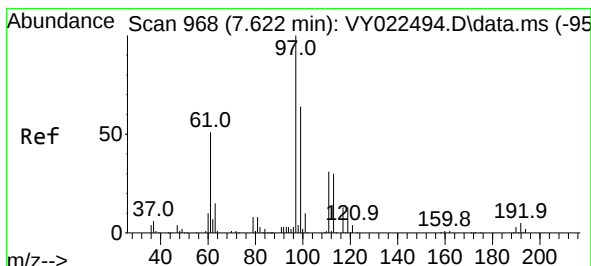
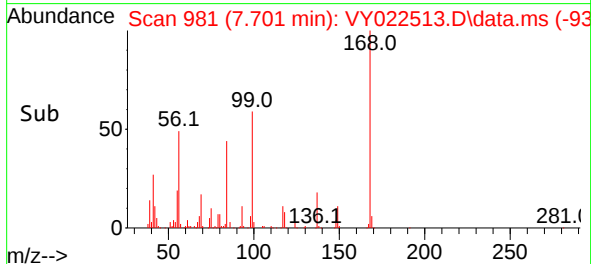
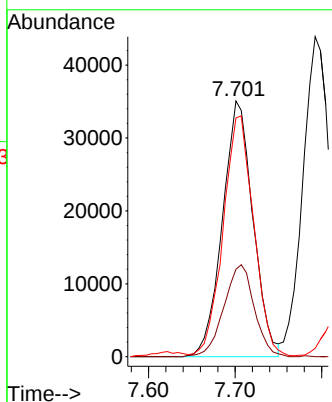
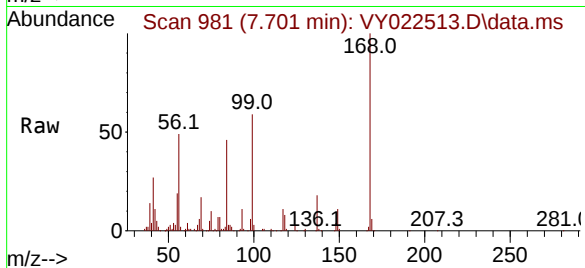




#31
Cyclohexane
Concen: 20.219 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

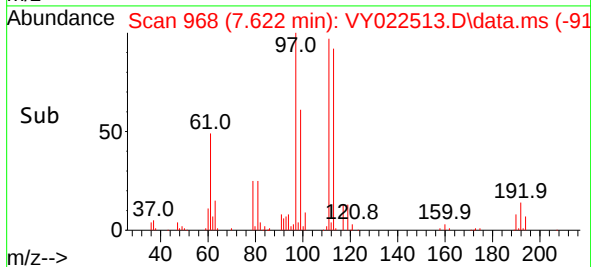
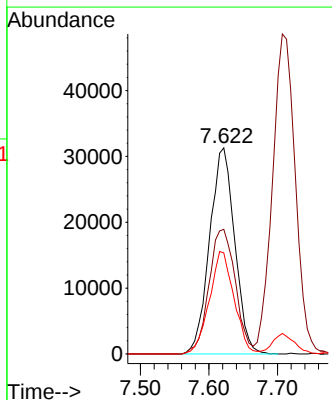
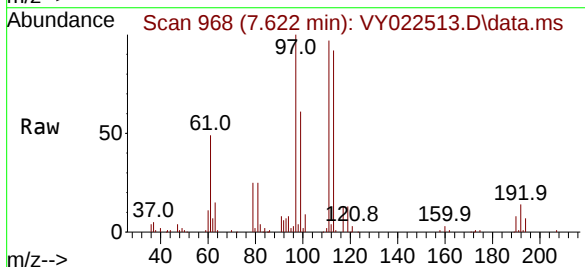
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

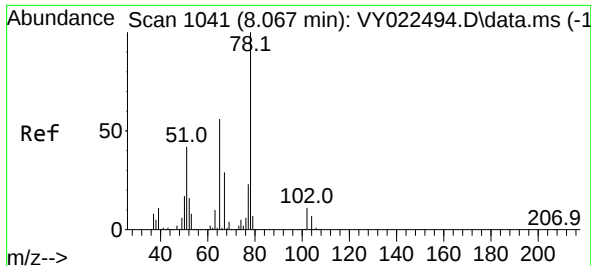
Tgt Ion: 56 Resp: 85871
Ion Ratio Lower Upper
56 100
69 34.2 27.0 40.6
84 91.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.222 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 97 Resp: 79604
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 48.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.971 ug/l

RT: 8.061 min Scan# 110445

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

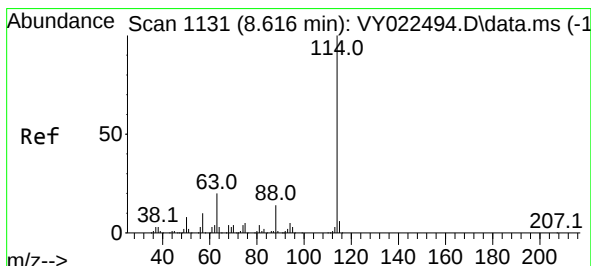
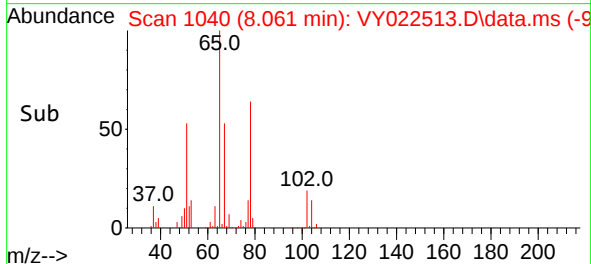
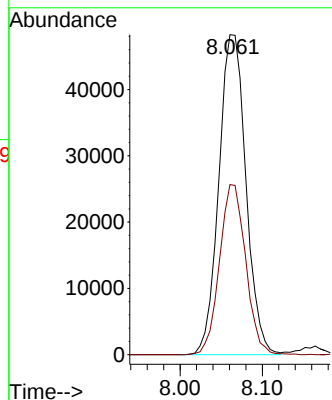
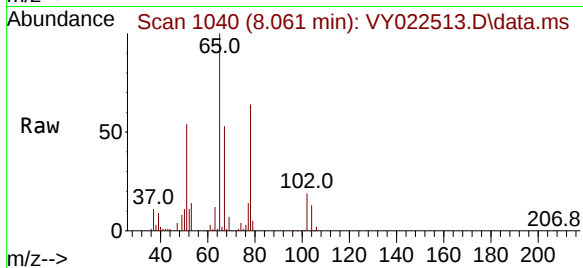
VY0603SBS01

Tgt Ion: 65 Resp: 110445

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

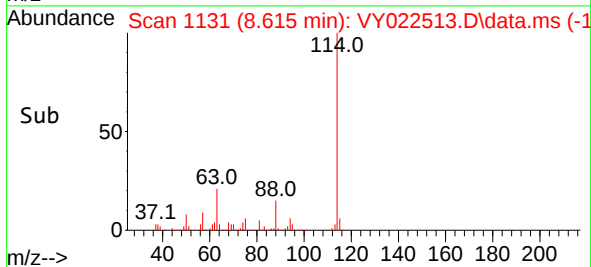
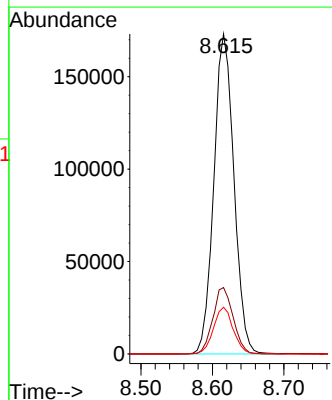
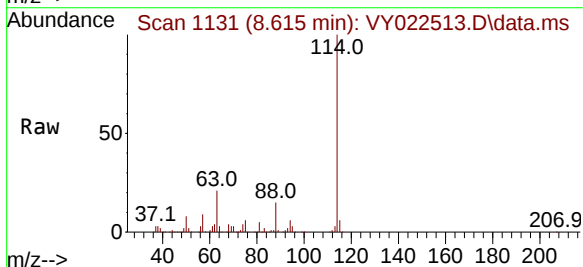
Tgt Ion: 114 Resp: 337632

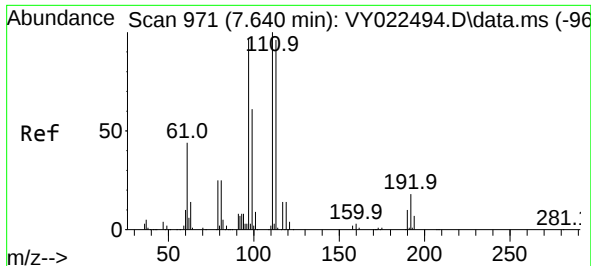
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 14.6 0.0 27.8

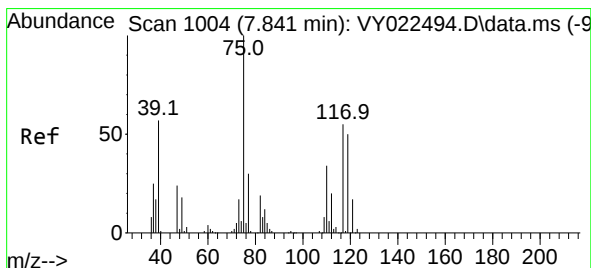
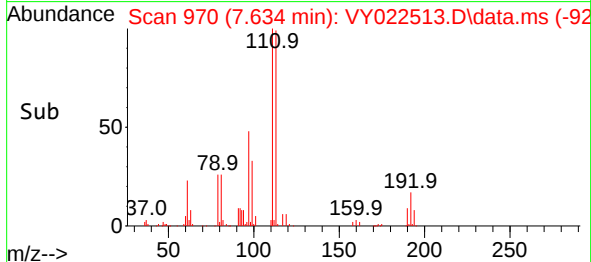
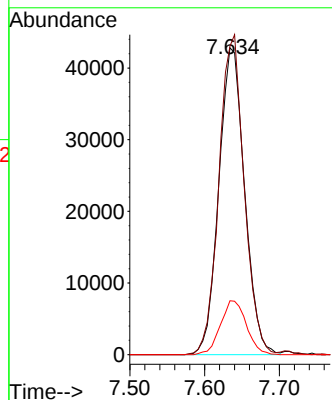
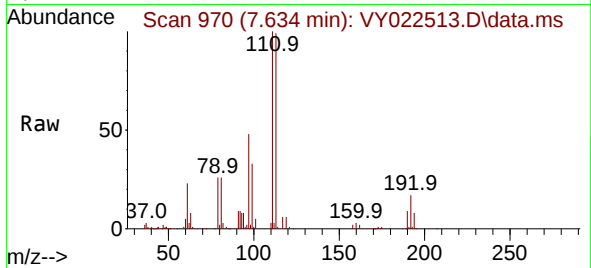




#35
Dibromofluoromethane
Concen: 51.020 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

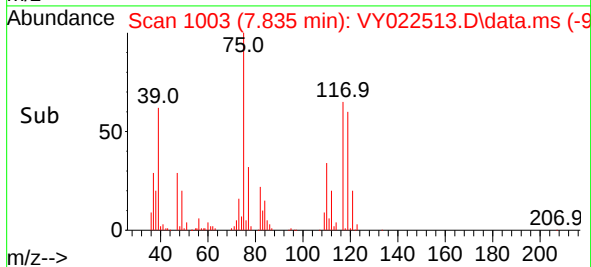
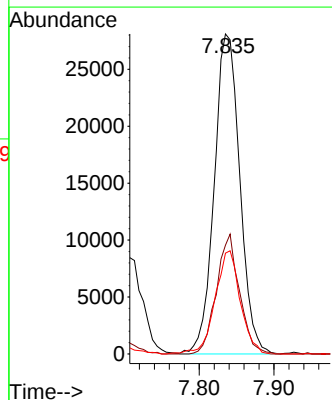
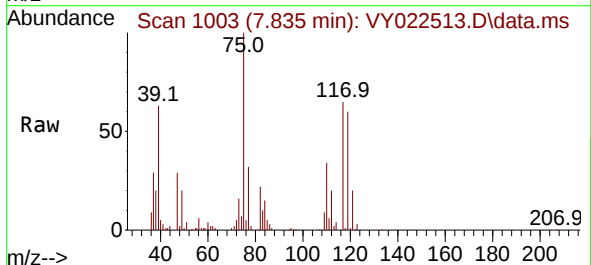
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

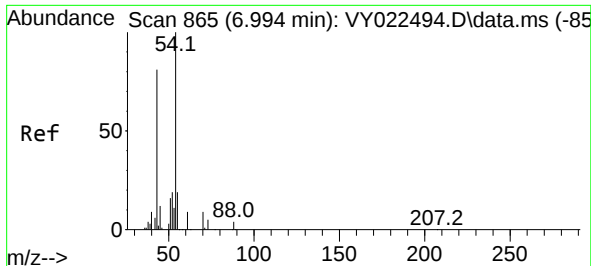
Tgt Ion:113 Resp: 102818
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.451 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 66890
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 19.388 ug/l

RT: 6.994 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

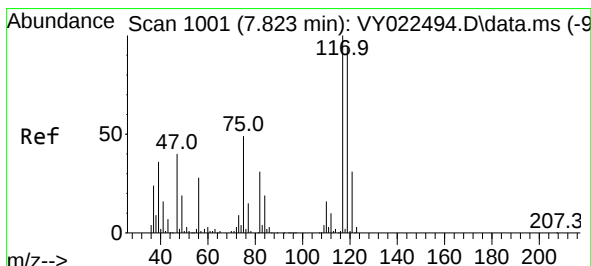
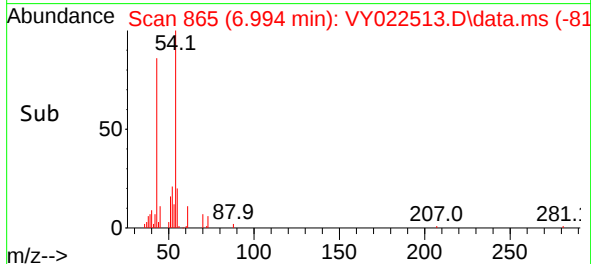
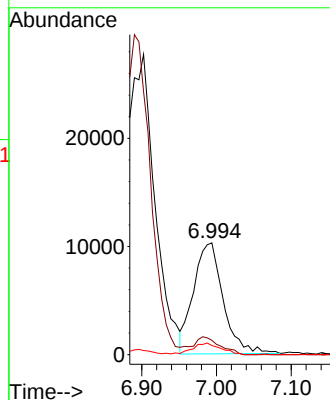
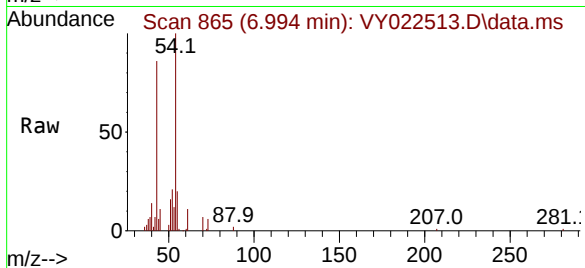
MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion: 43 Resp: 28280

Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	10.0	7.2	10.8



#38

Carbon Tetrachloride

Concen: 20.206 ug/l

RT: 7.817 min Scan# 1000

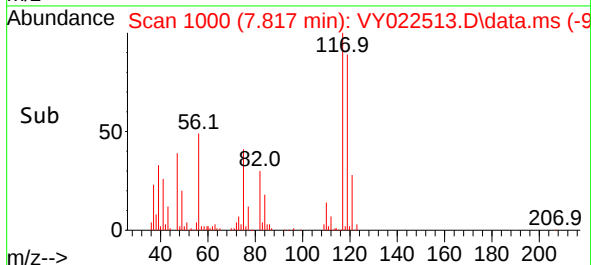
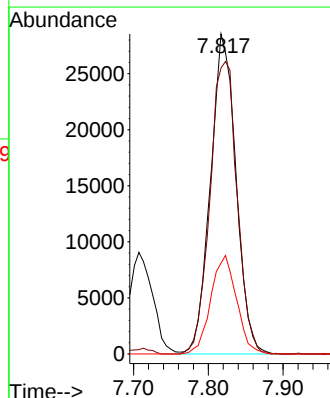
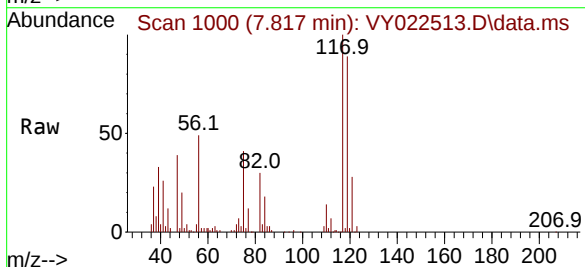
Delta R.T. -0.006 min

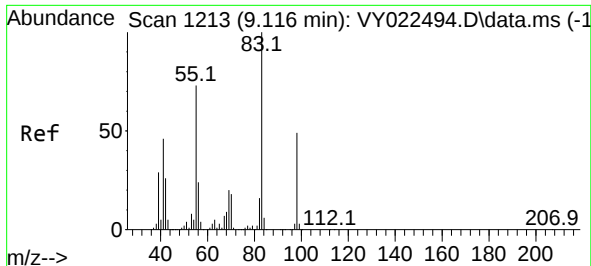
Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Tgt Ion: 117 Resp: 67799

Ion	Ratio	Lower	Upper
117	100		
119	89.3	75.0	112.6
121	28.3	25.0	37.4





#39

Methylcyclohexane

Concen: 19.805 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

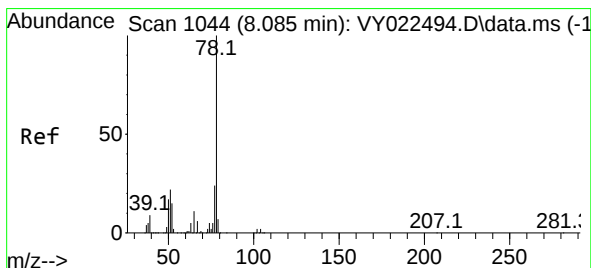
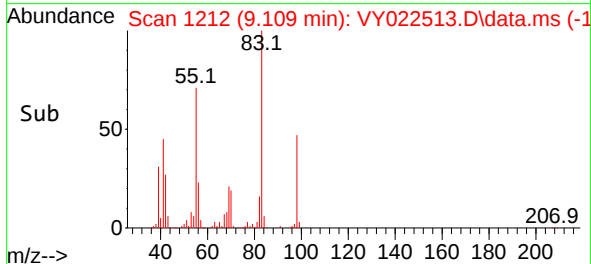
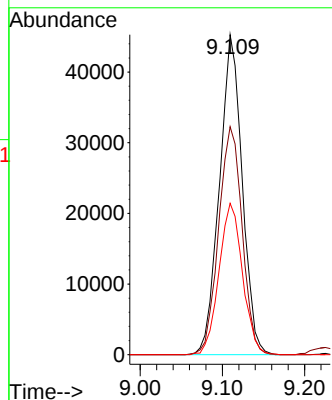
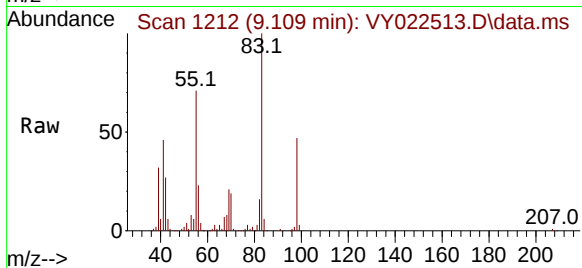
Tgt Ion: 83 Resp: 87053

Ion Ratio Lower Upper

83 100

55 71.3 58.1 87.1

98 47.3 39.0 58.6



#40

Benzene

Concen: 20.720 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022513.D

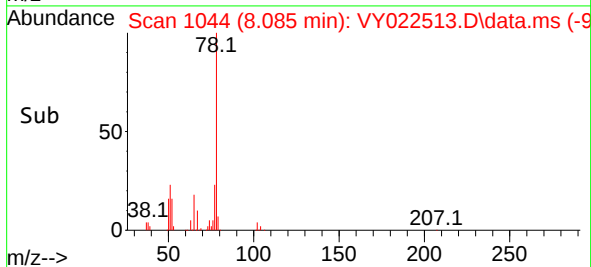
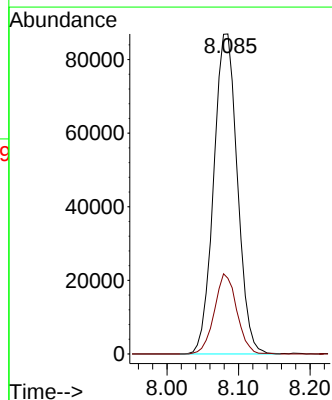
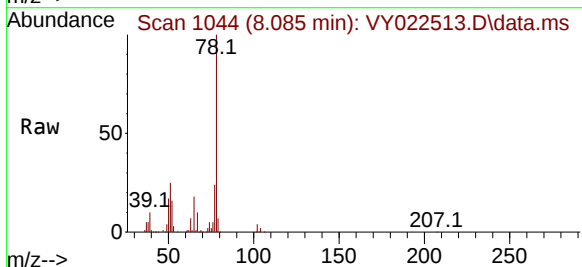
Acq: 03 Jun 2025 11:15

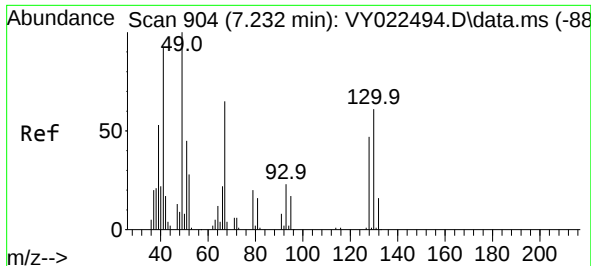
Tgt Ion: 78 Resp: 200164

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

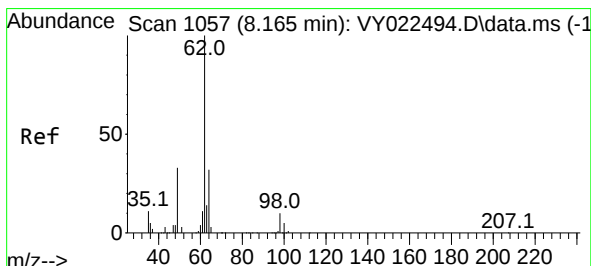
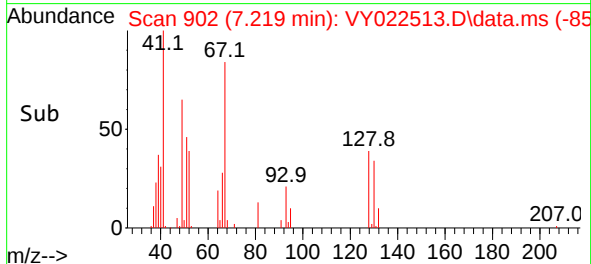
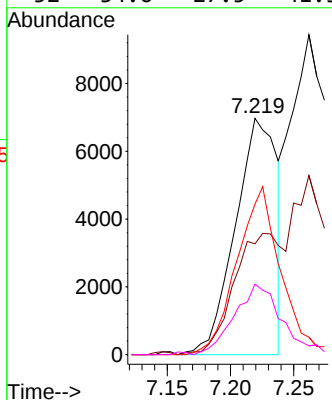
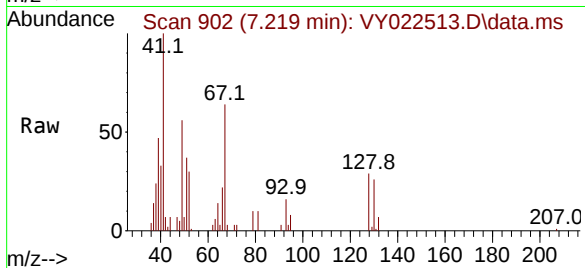




#41
Methacrylonitrile
Concen: 18.701 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

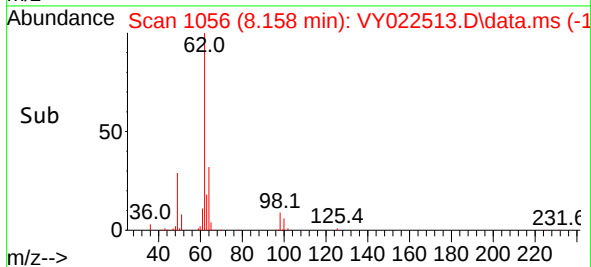
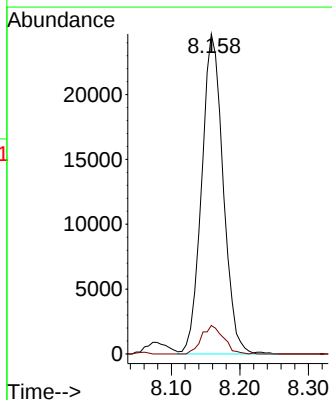
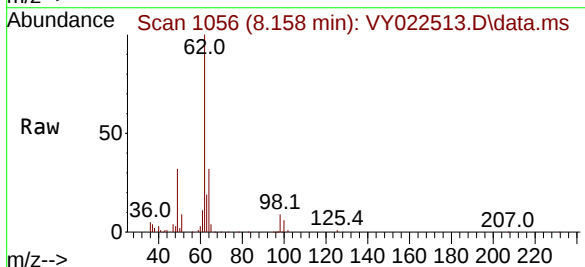
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

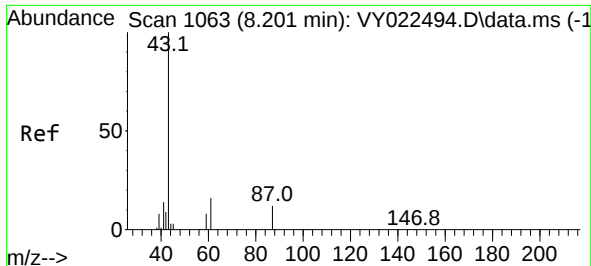
Tgt Ion:	41	Resp:	15933
Ion	Ratio	Lower	Upper
41	100		
39	61.7	46.6	69.8
67	74.4	63.3	94.9
52	34.6	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.443 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:	62	Resp:	53923
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

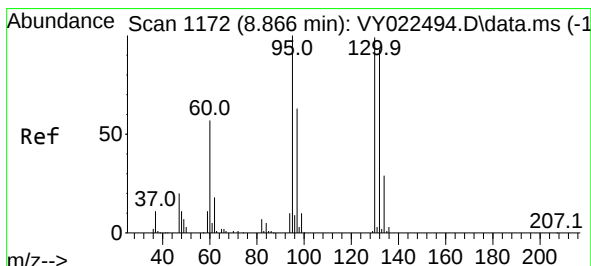
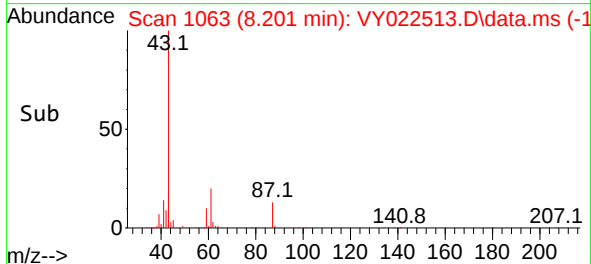
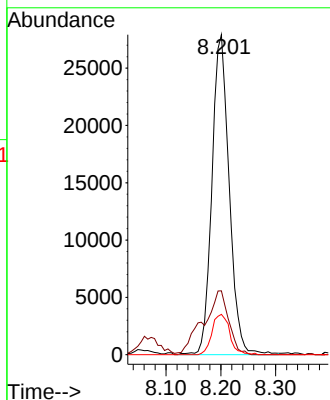
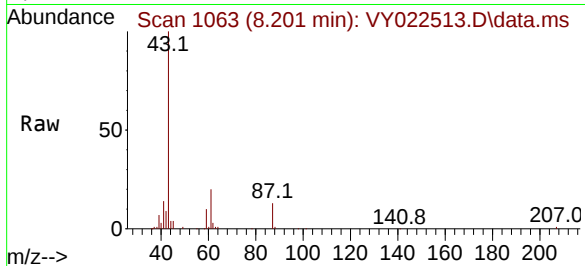




#43
Isopropyl Acetate
Concen: 19.359 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

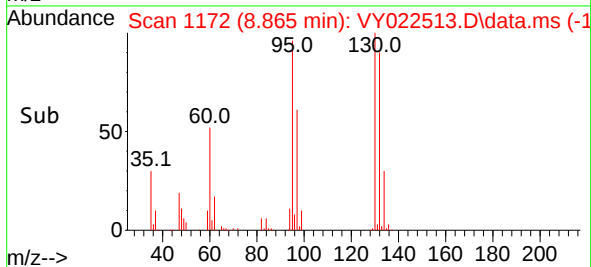
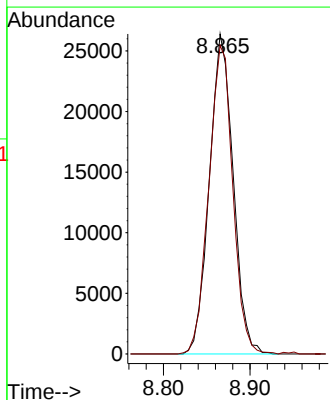
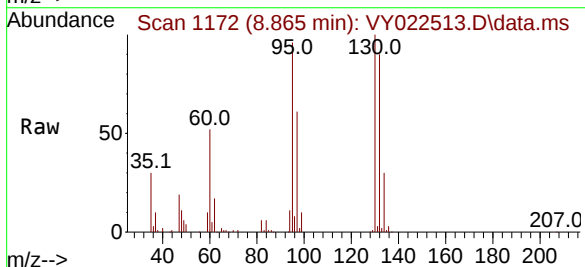
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

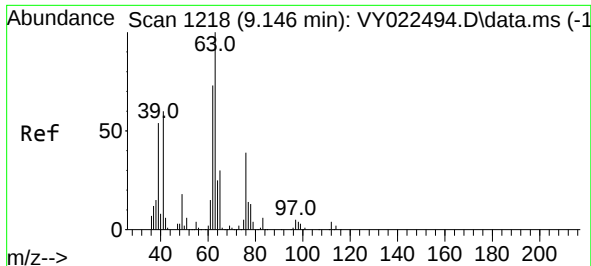
Tgt Ion: 43 Resp: 60985
Ion Ratio Lower Upper
43 100
61 29.4 15.6 23.4#
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 21.344 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:130 Resp: 50394
Ion Ratio Lower Upper
130 100
95 96.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.860 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

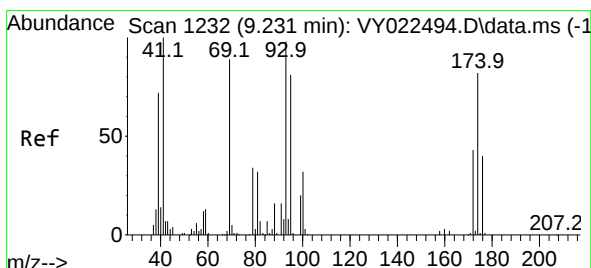
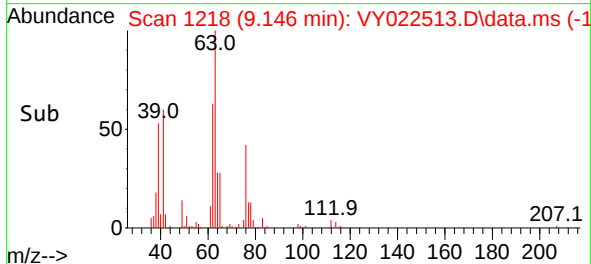
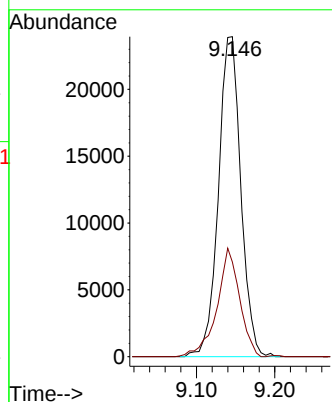
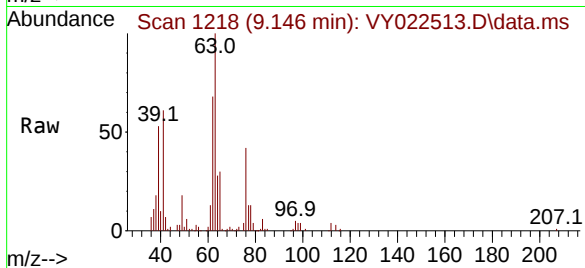
VY0603SBS01

Tgt Ion: 63 Resp: 47626

Ion Ratio Lower Upper

63 100

65 29.4 24.0 36.0



#46

Dibromomethane

Concen: 19.368 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

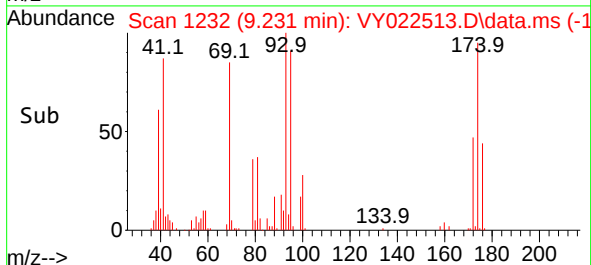
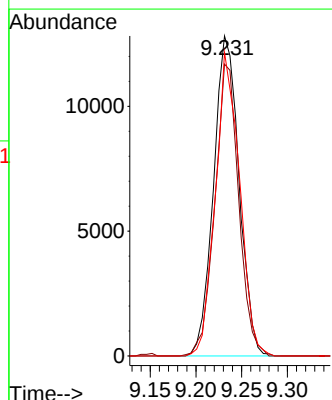
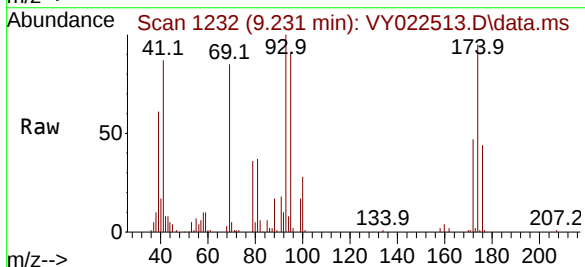
Tgt Ion: 93 Resp: 24877

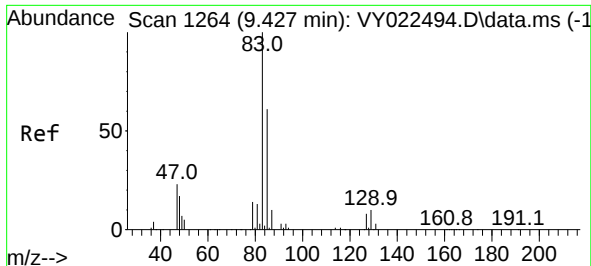
Ion Ratio Lower Upper

93 100

95 85.7 65.6 98.4

174 90.3 70.4 105.6

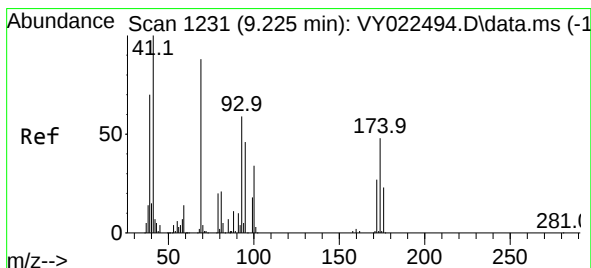
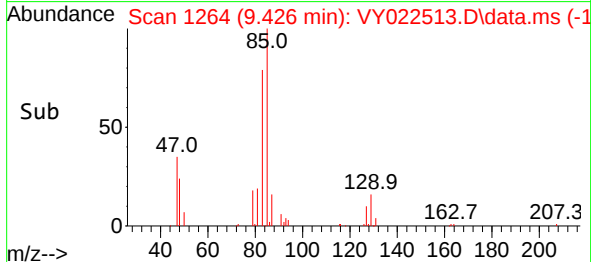
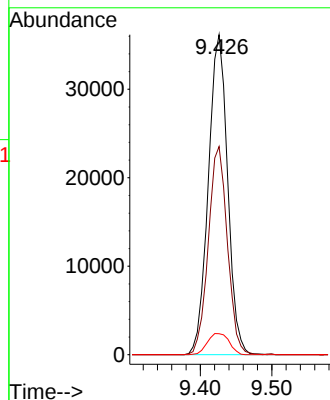
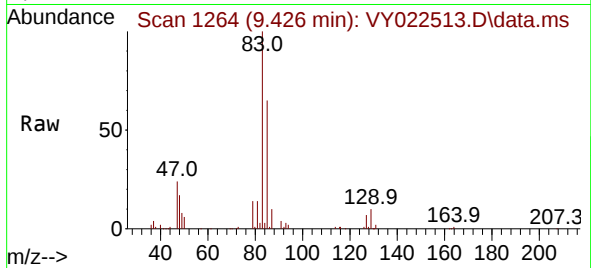




#47
Bromodichloromethane
Concen: 20.778 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

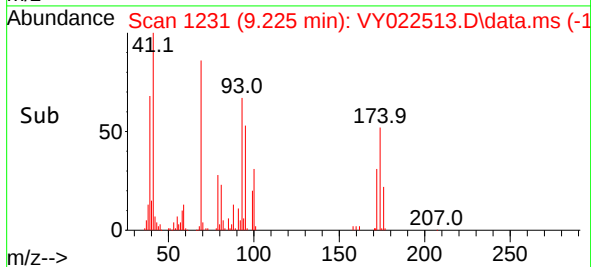
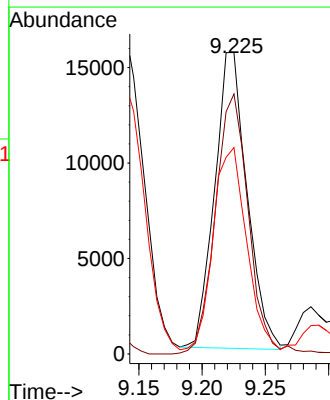
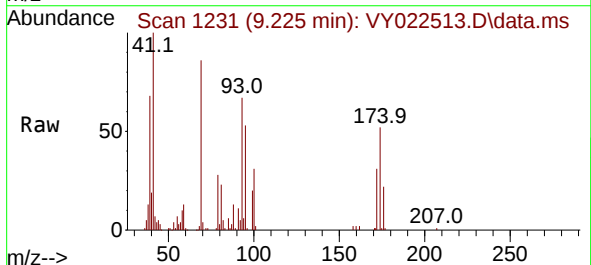
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

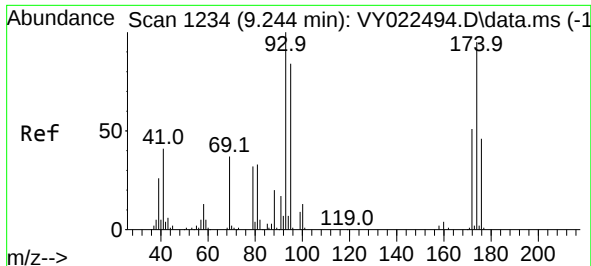
Tgt Ion: 83 Resp: 67673
Ion Ratio Lower Upper
83 100
85 65.1 49.1 73.7
127 6.6 6.2 9.4



#48
Methyl methacrylate
Concen: 18.707 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 41 Resp: 27658
Ion Ratio Lower Upper
41 100
69 90.0 67.8 101.8
39 70.2 55.0 82.4

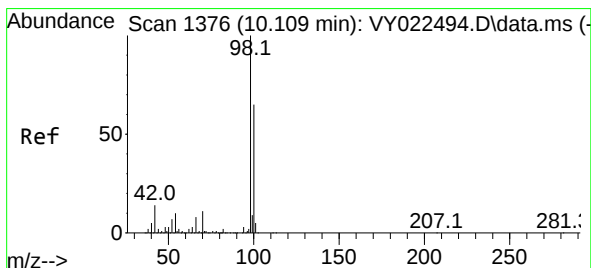
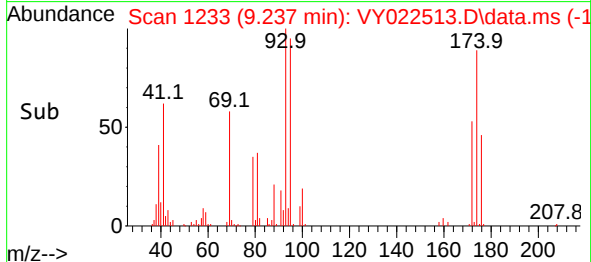
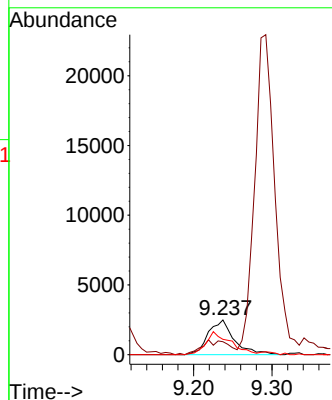
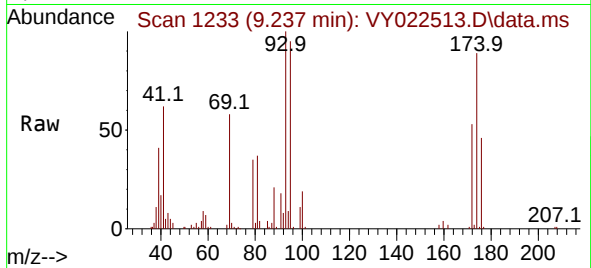




#49
1,4-Dioxane
Concen: 378.003 ug/l
RT: 9.237 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

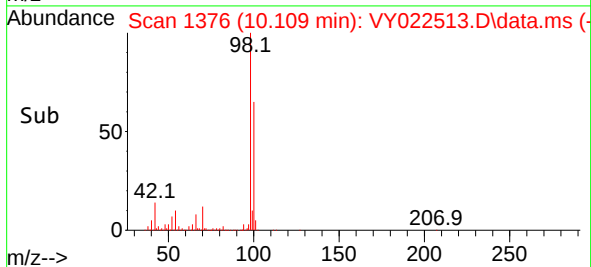
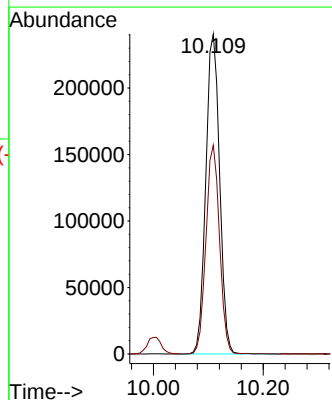
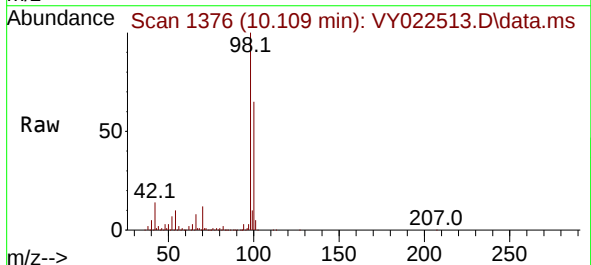
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

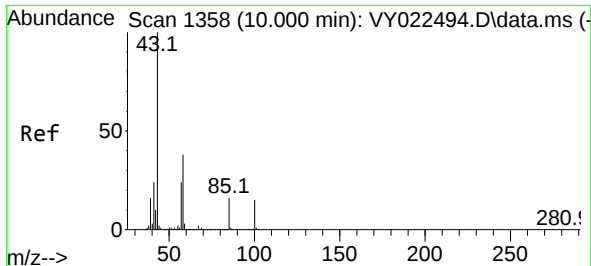
Tgt Ion: 88 Resp: 5752
Ion Ratio Lower Upper
88 100
43 21.3 25.4 38.2#
58 62.2 54.9 82.3



#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 98 Resp: 418973
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

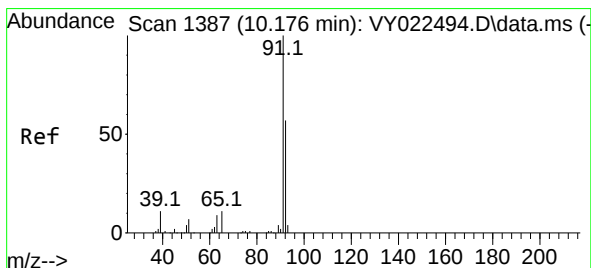
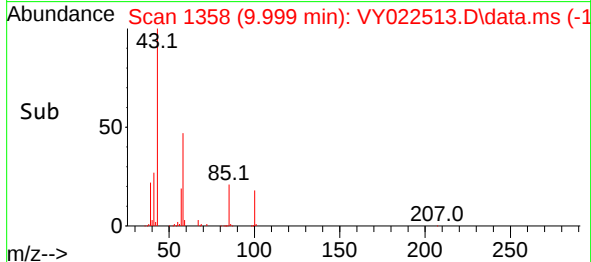
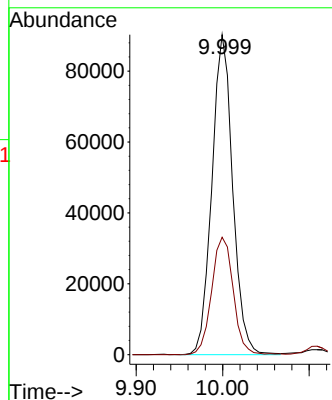
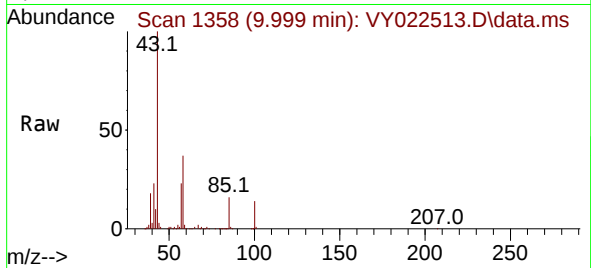




#51
4-Methyl-2-Pentanone
Concen: 95.984 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

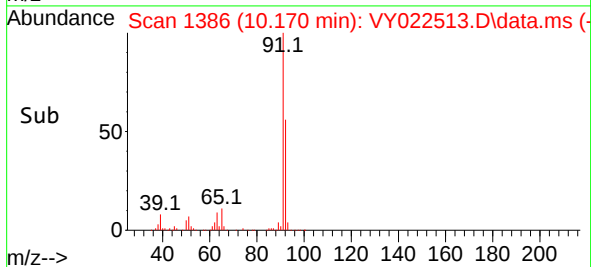
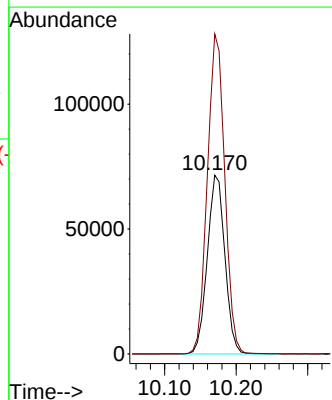
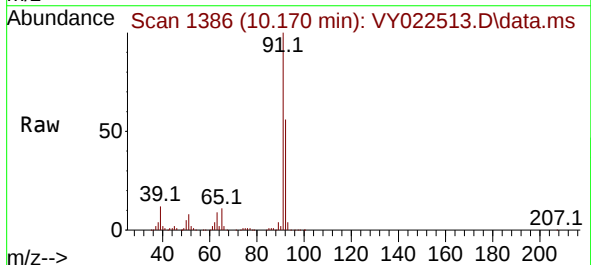
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

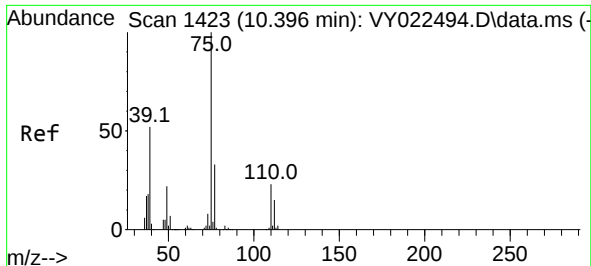
Tgt Ion: 43 Resp: 150751
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 20.145 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 92 Resp: 122301
Ion Ratio Lower Upper
92 100
91 177.1 139.0 208.4

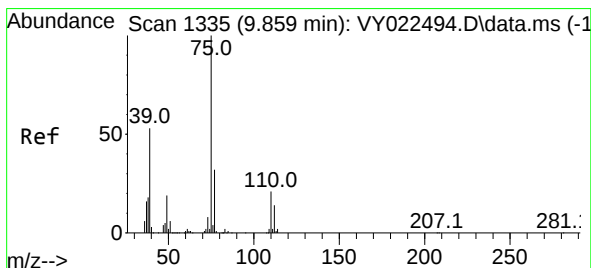
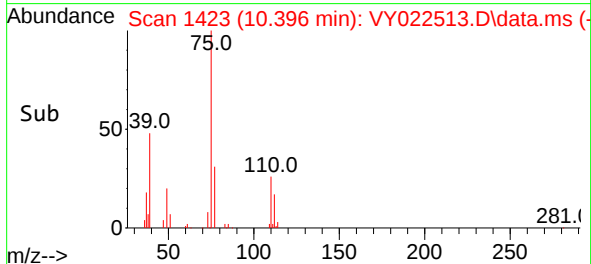
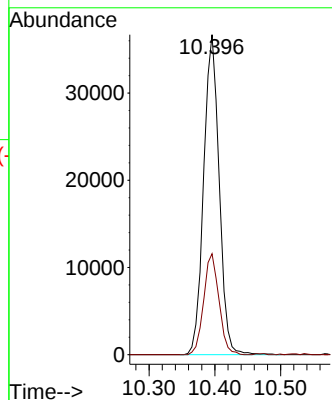
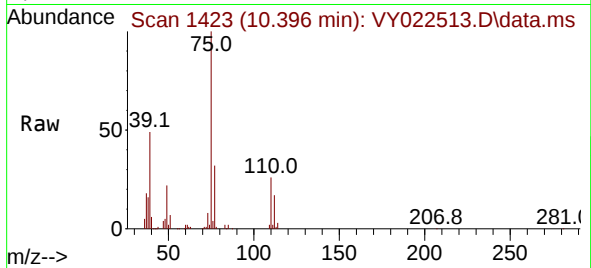




#53
 t-1,3-Dichloropropene
 Concen: 19.703 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY022513.D
 Acq: 03 Jun 2025 11:15

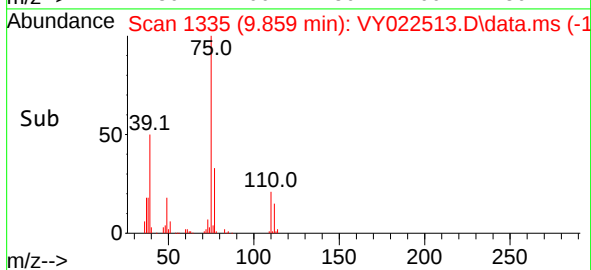
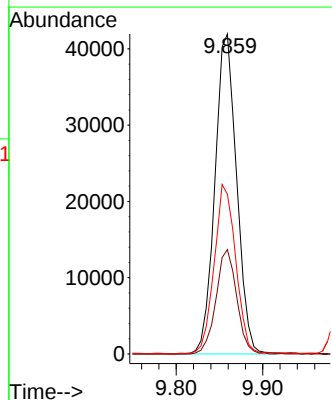
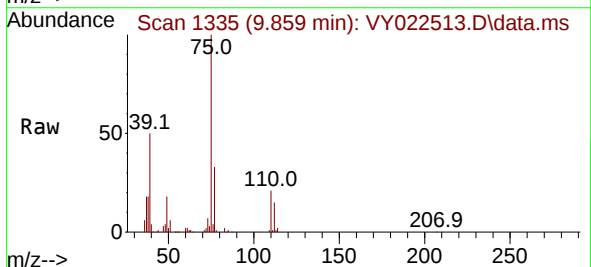
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

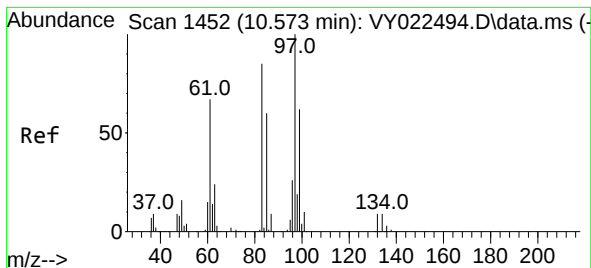
Tgt Ion: 75 Resp: 60125
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.581 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY022513.D
 Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 73109
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 49.7 42.7 64.1

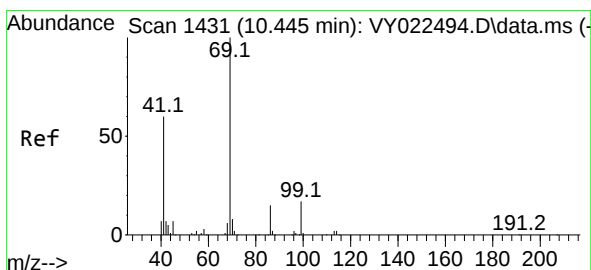
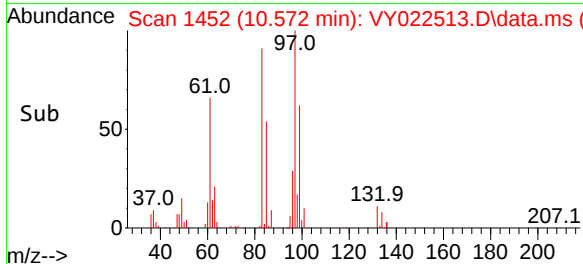
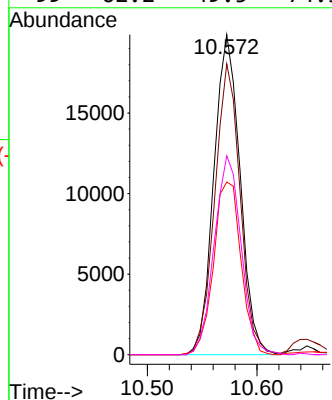
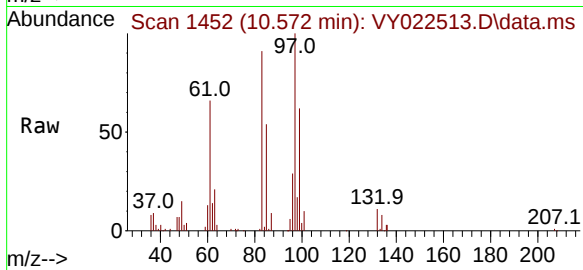




#55
1,1,2-Trichloroethane
Concen: 20.154 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

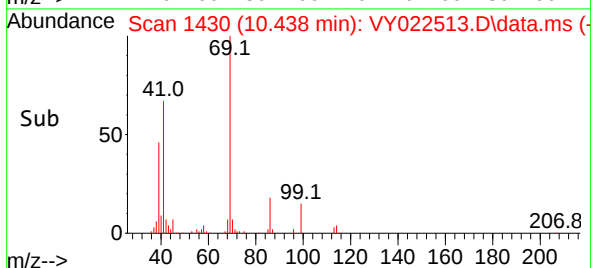
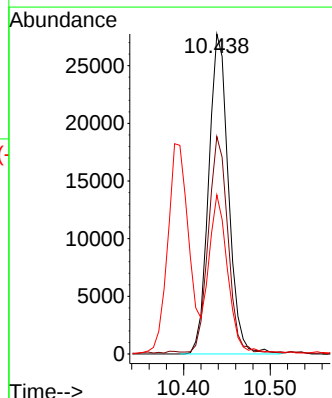
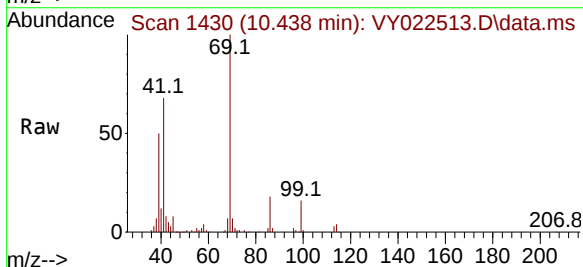
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

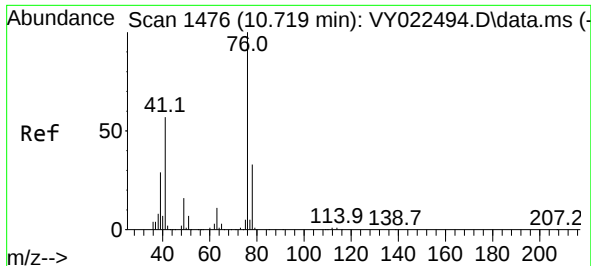
Tgt Ion:	97	Resp:	33009
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.1	102.1
85	53.9	48.2	72.2
99	62.2	49.5	74.3



#56
Ethyl methacrylate
Concen: 18.609 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:	69	Resp:	44052
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.2	78.2
39	46.7	36.7	55.1





#57

1,3-Dichloropropane

Concen: 19.947 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

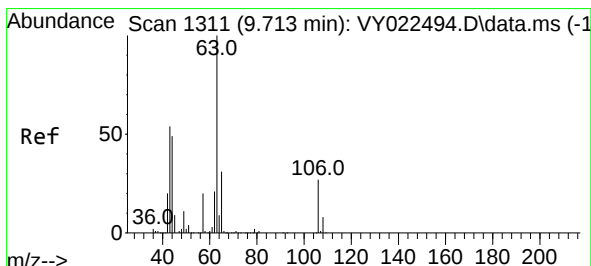
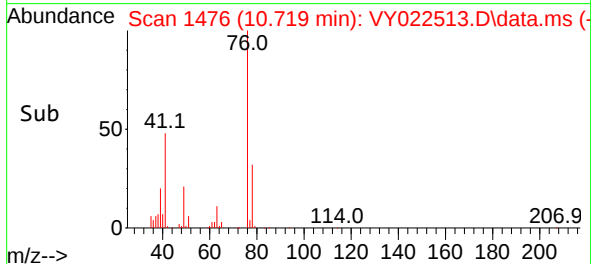
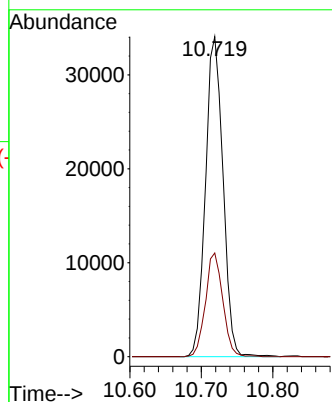
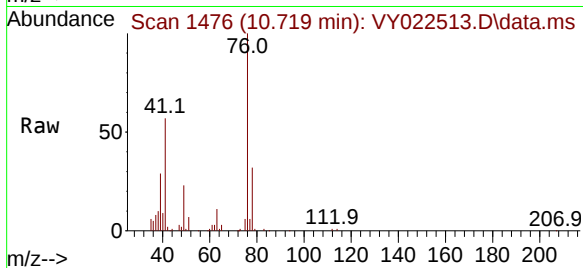
VY0603SBS01

Tgt Ion: 76 Resp: 57905

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.502 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022513.D

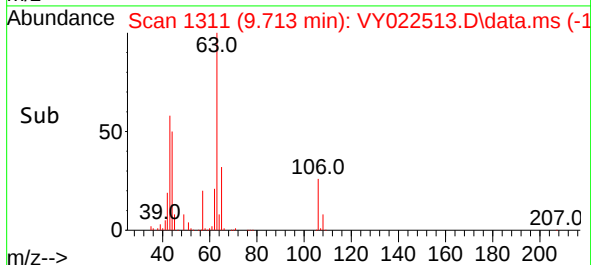
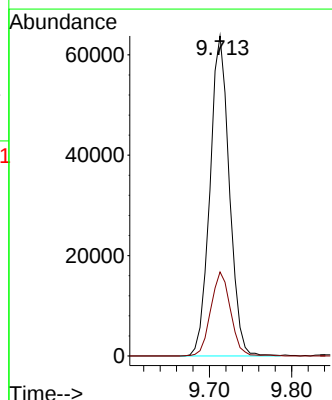
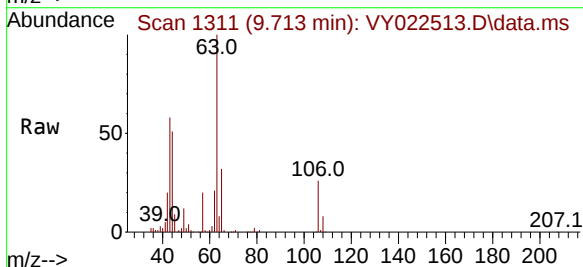
Acq: 03 Jun 2025 11:15

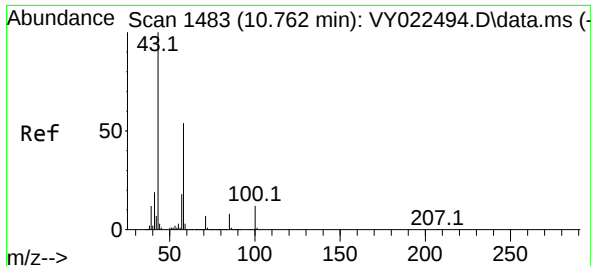
Tgt Ion: 63 Resp: 104791

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

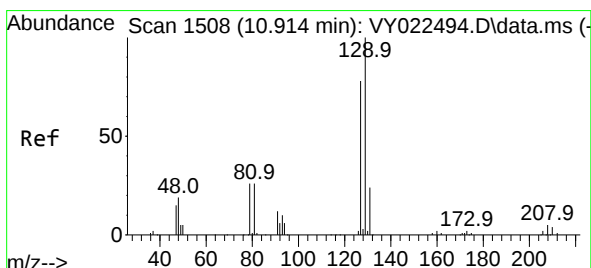
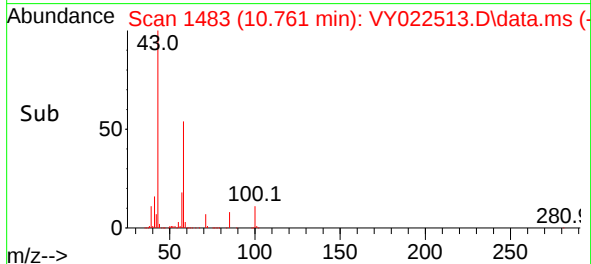
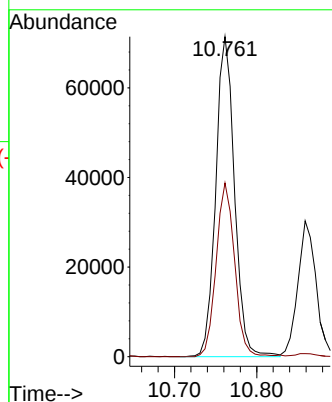
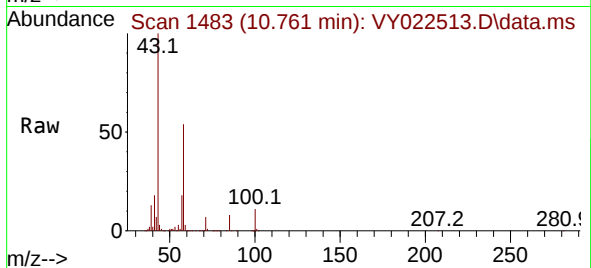




#59
2-Hexanone
Concen: 107.655 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

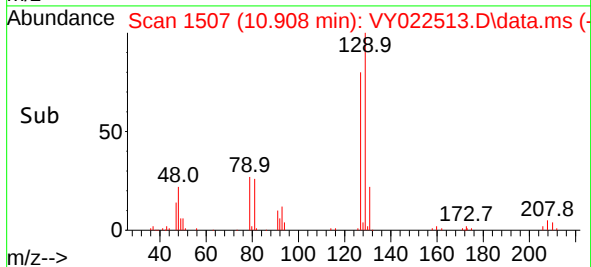
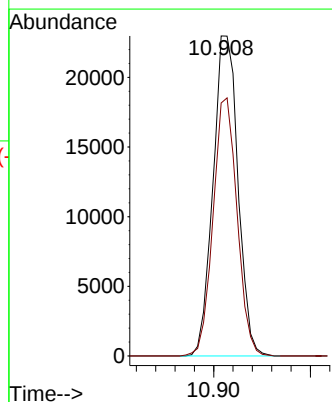
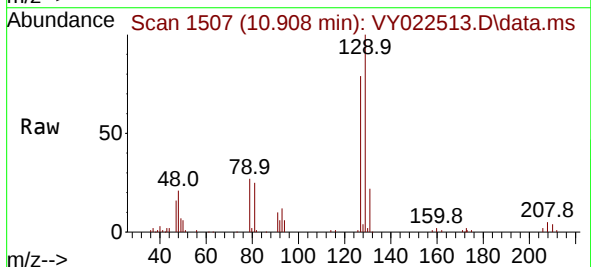
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

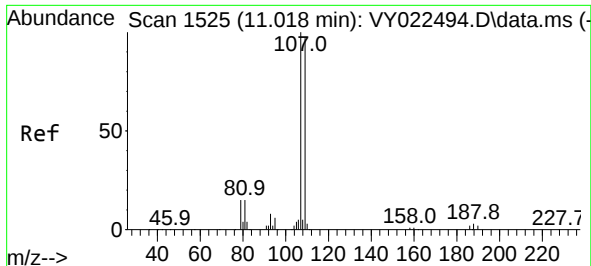
Tgt Ion: 43 Resp: 113080
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 19.776 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 129 Resp: 41162
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

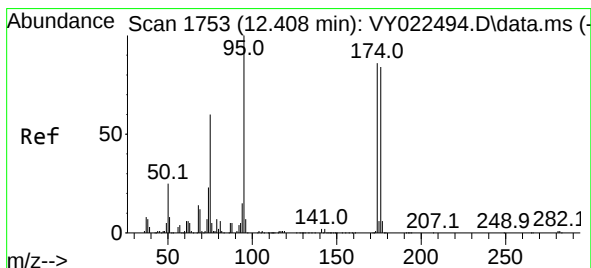
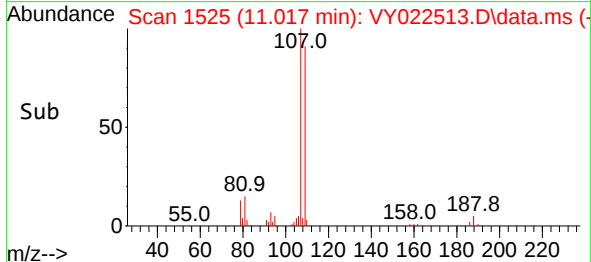
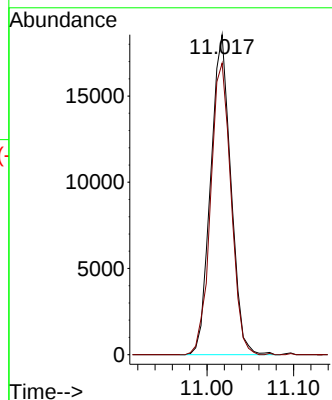
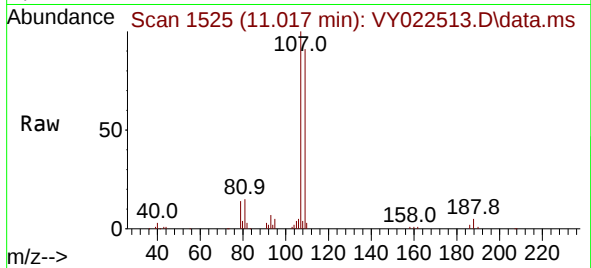




#61
1,2-Dibromoethane
Concen: 20.134 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

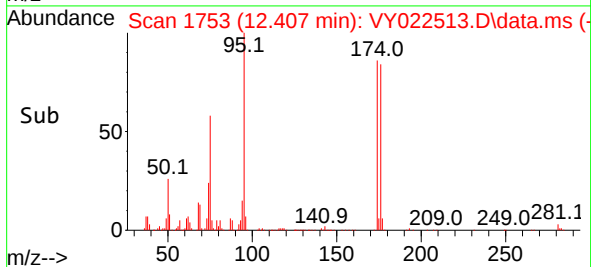
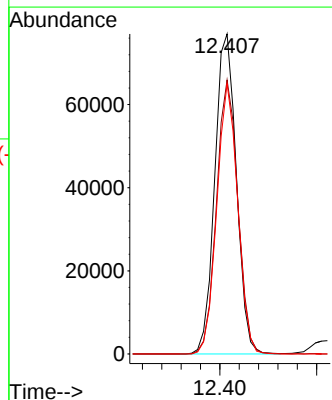
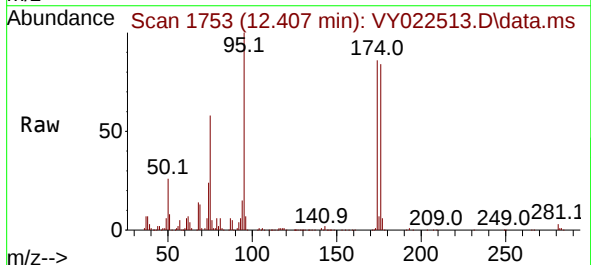
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

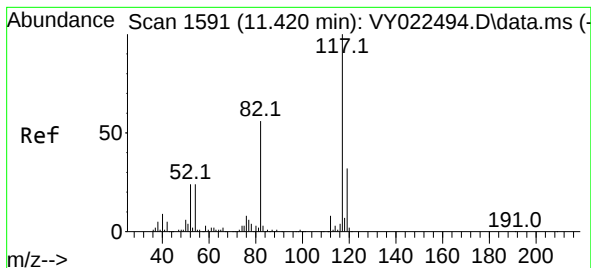
Tgt Ion:107 Resp: 30056
Ion Ratio Lower Upper
107 100
109 91.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 95 Resp: 118916
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.0
176 81.7 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

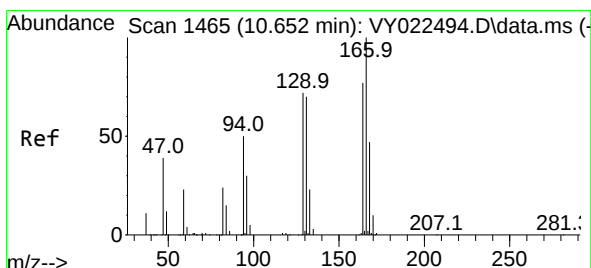
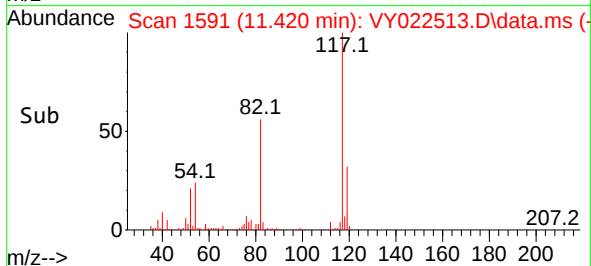
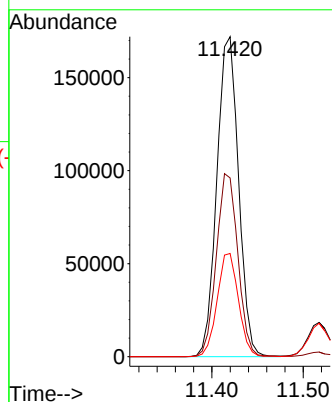
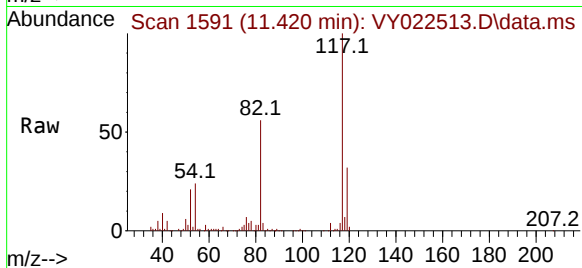
Tgt Ion:117 Resp: 284268

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 21.203 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Tgt Ion:164 Resp: 51847

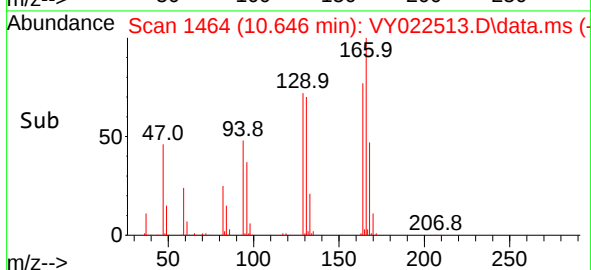
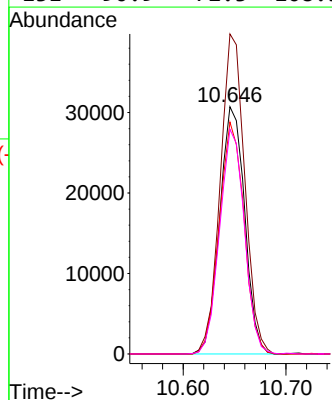
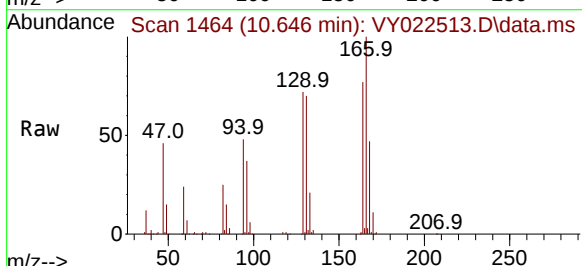
Ion Ratio Lower Upper

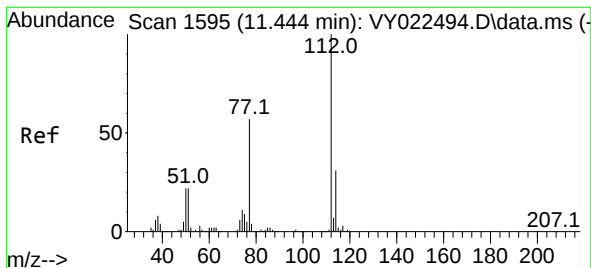
164 100

166 129.5 104.0 156.0

129 93.8 74.5 111.7

131 90.9 72.3 108.5

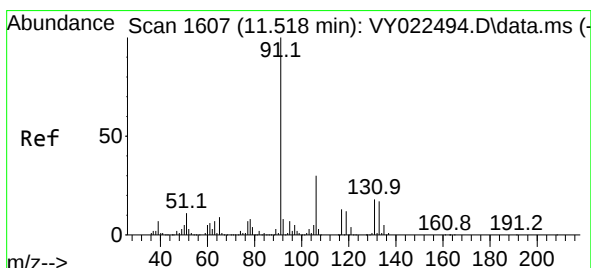
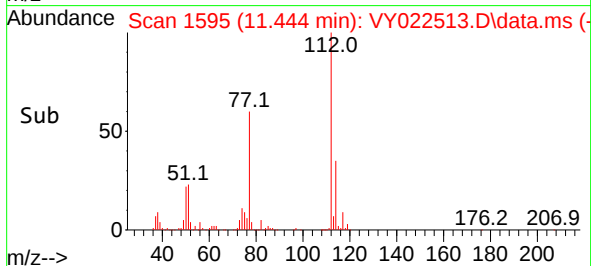
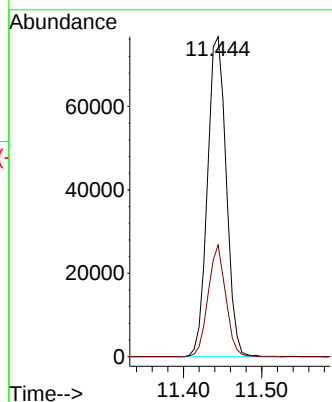
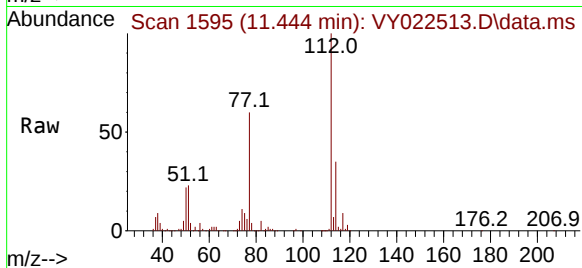




#65
Chlorobenzene
Concen: 20.283 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

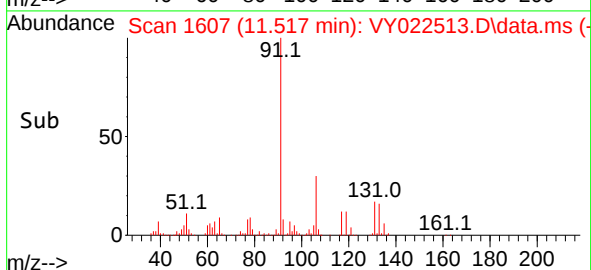
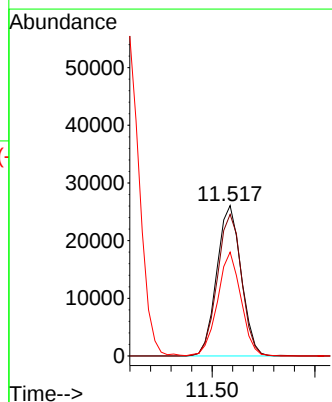
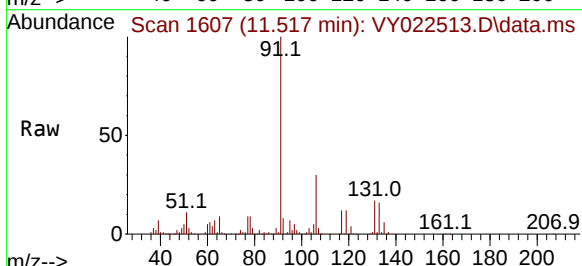
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

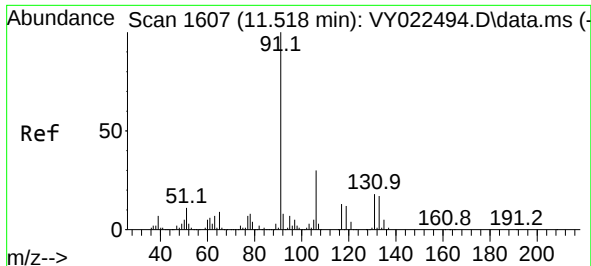
Tgt Ion:112 Resp: 127590
Ion Ratio Lower Upper
112 100
114 34.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.210 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:131 Resp: 42827
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 20.251 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

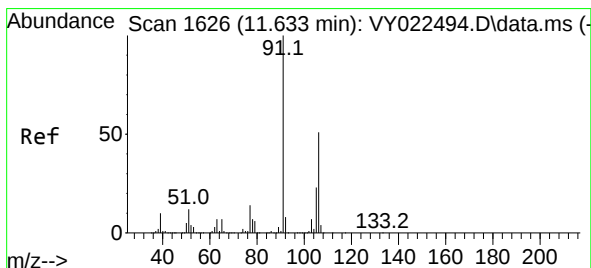
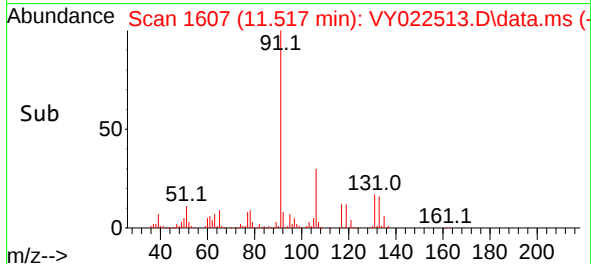
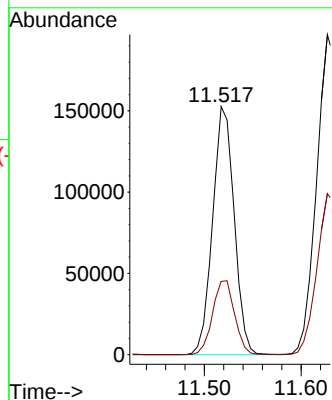
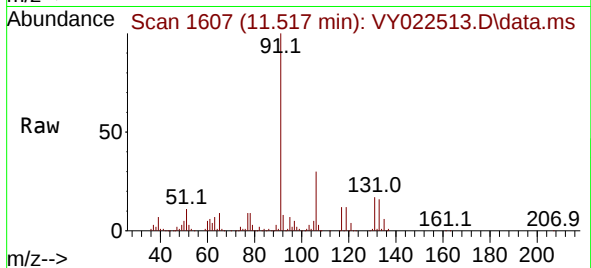
VY0603SBS01

Tgt Ion: 91 Resp: 236274

Ion Ratio Lower Upper

91 100

106 29.5 24.2 36.4



#68

m/p-Xylenes

Concen: 40.152 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022513.D

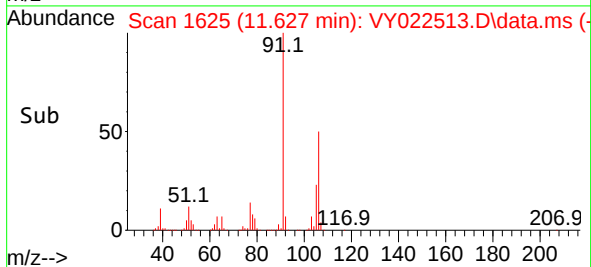
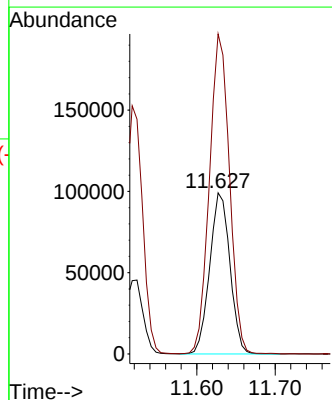
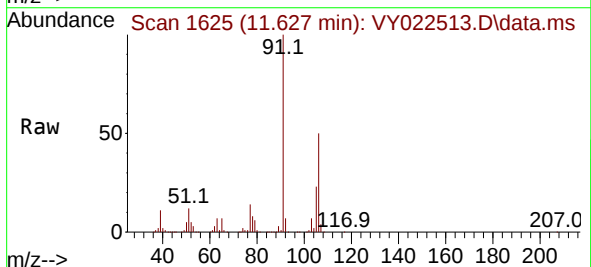
Acq: 03 Jun 2025 11:15

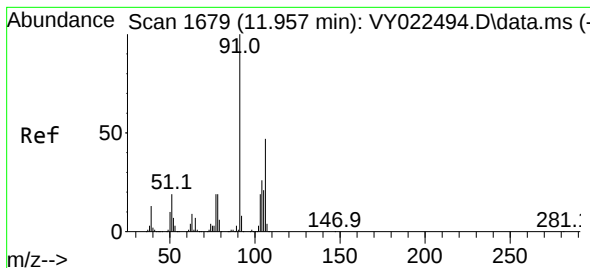
Tgt Ion:106 Resp: 177595

Ion Ratio Lower Upper

106 100

91 197.5 159.4 239.0

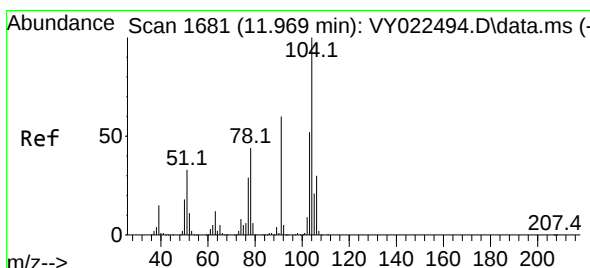
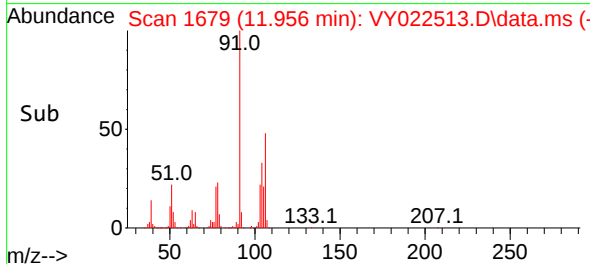
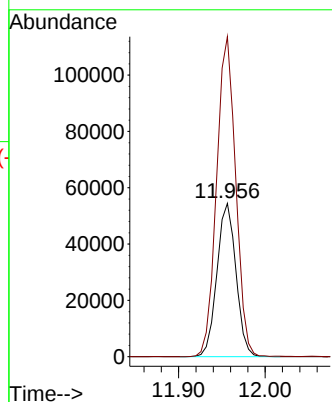
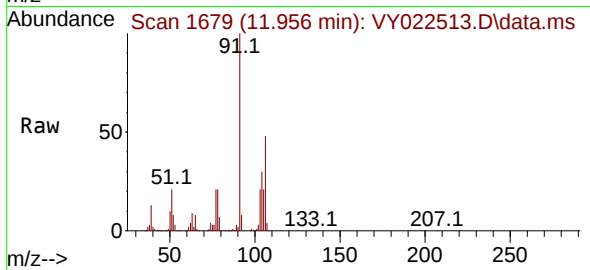




#69
o-Xylene
Concen: 20.025 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

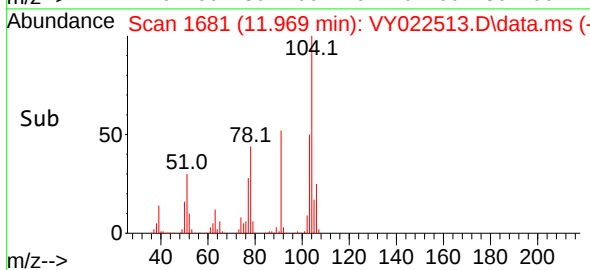
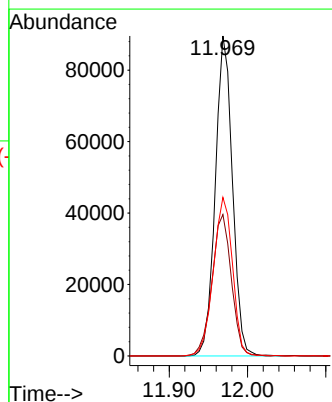
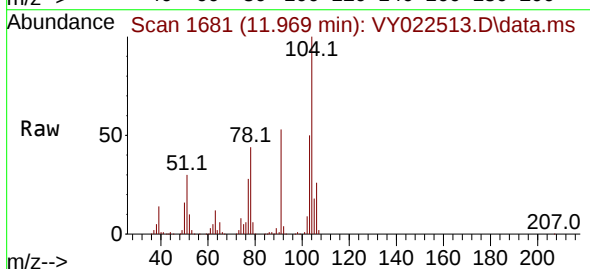
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

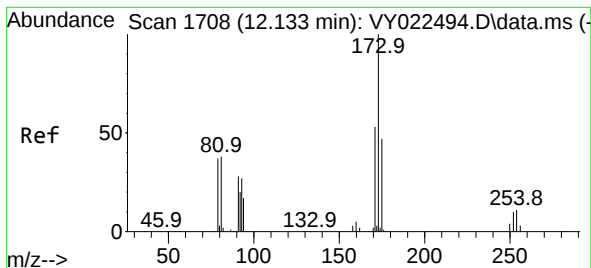
Tgt Ion:106 Resp: 83043
Ion Ratio Lower Upper
106 100
91 210.0 105.8 317.3



#70
Styrene
Concen: 19.898 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion:104 Resp: 136395
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.5 44.1 66.1





#71

Bromoform

Concen: 18.644 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

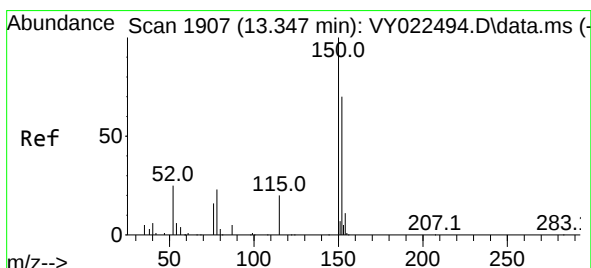
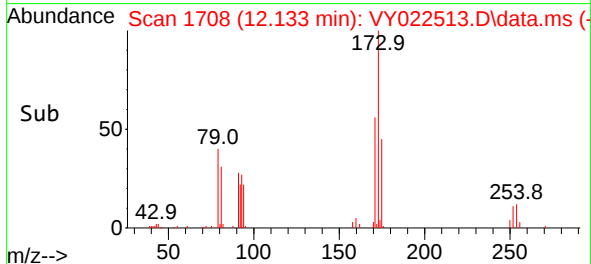
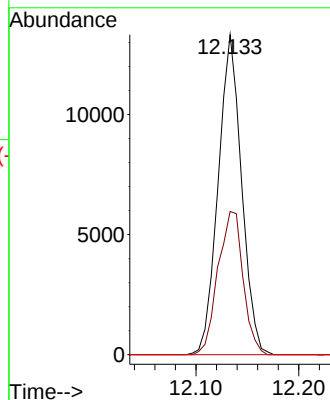
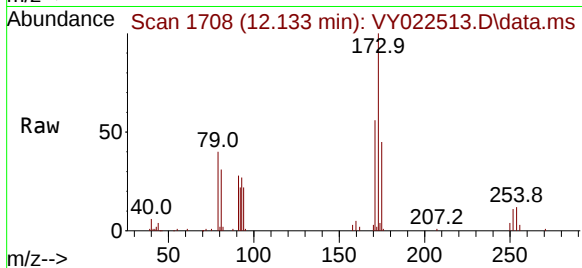
Tgt Ion:173 Resp: 21024

Ion Ratio Lower Upper

173 100

175 48.1 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: VY022513.D

Acq: 03 Jun 2025 11:15

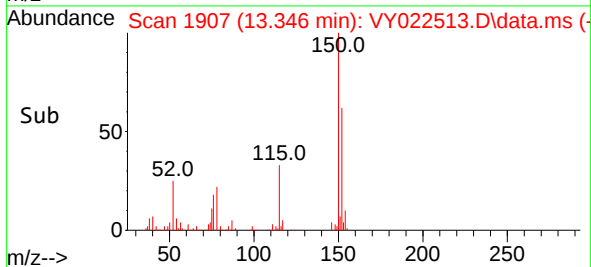
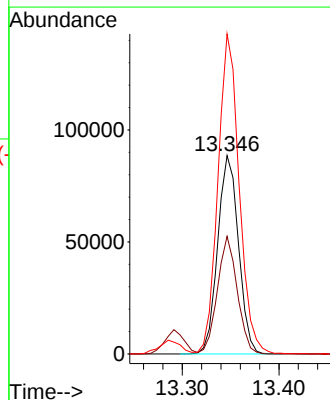
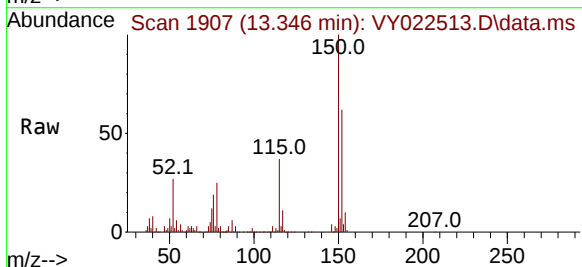
Tgt Ion:152 Resp: 131961

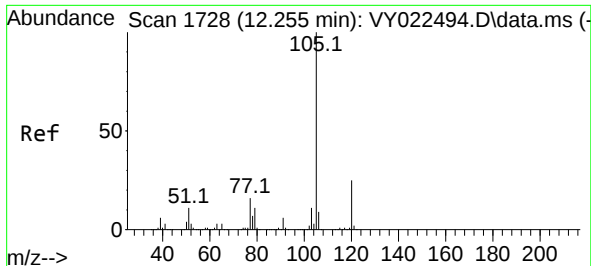
Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 164.9 0.0 349.6

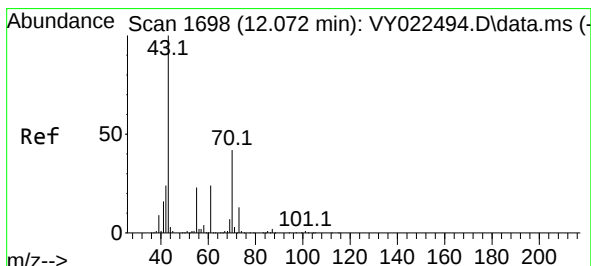
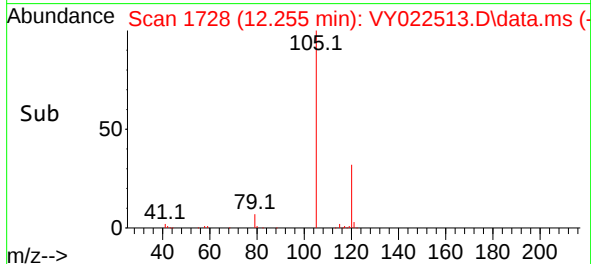
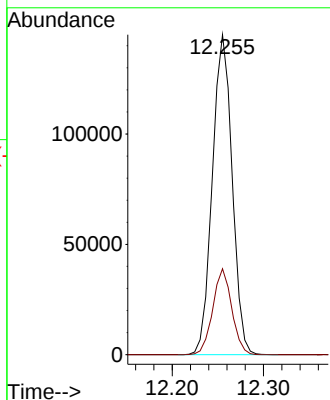
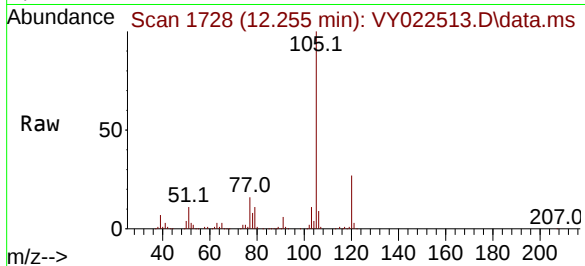




#73
Isopropylbenzene
Concen: 20.130 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

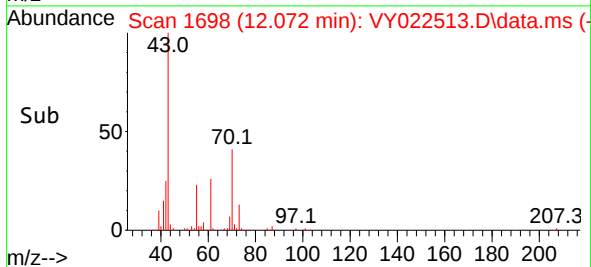
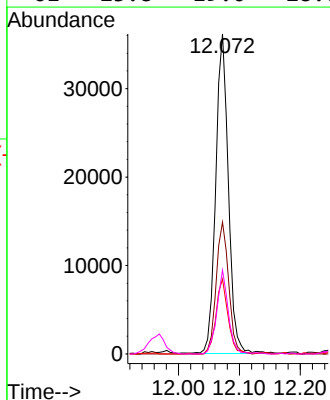
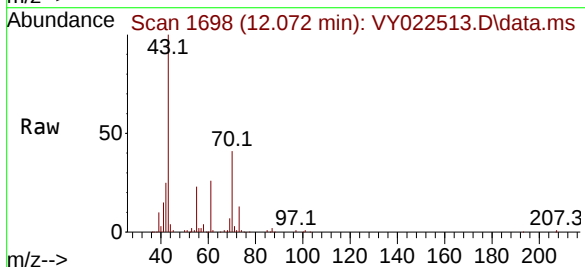
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

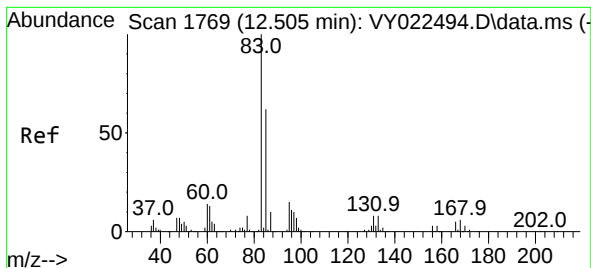
Tgt Ion:105 Resp: 218088
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 19.006 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 43 Resp: 51955
Ion Ratio Lower Upper
43 100
70 40.7 34.2 51.2
55 22.5 18.2 27.4
61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.590 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

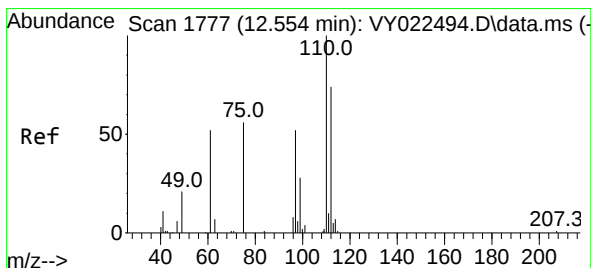
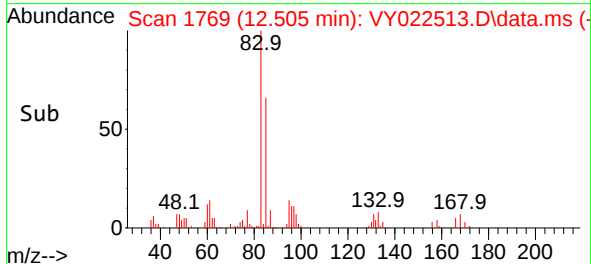
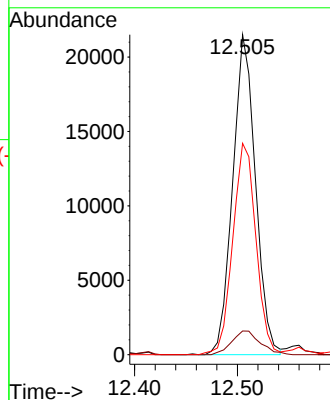
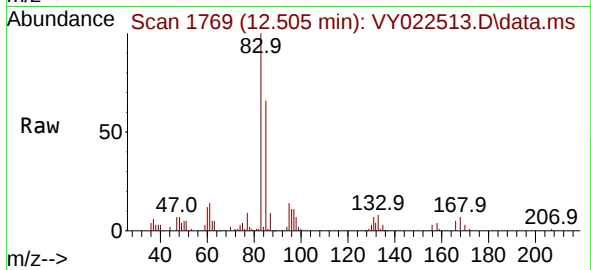
Tgt Ion: 83 Resp: 33056

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 67.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 31.876 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022513.D

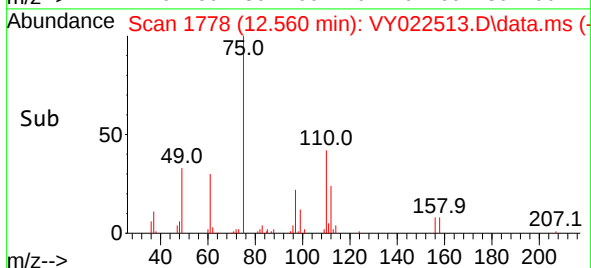
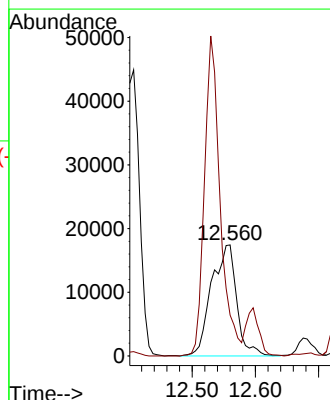
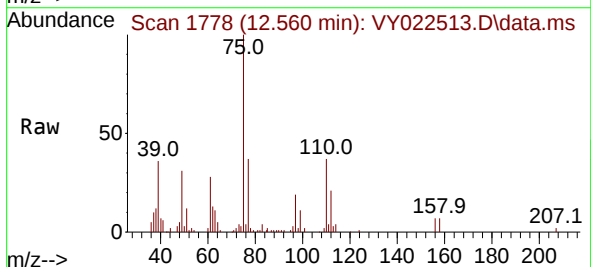
Acq: 03 Jun 2025 11:15

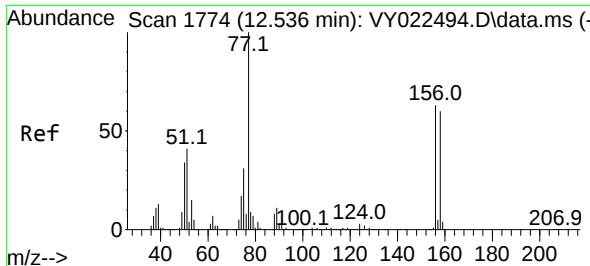
Tgt Ion: 75 Resp: 48123

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

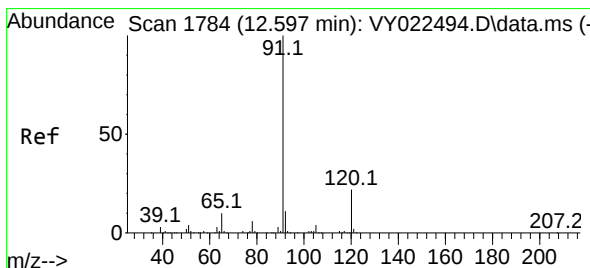
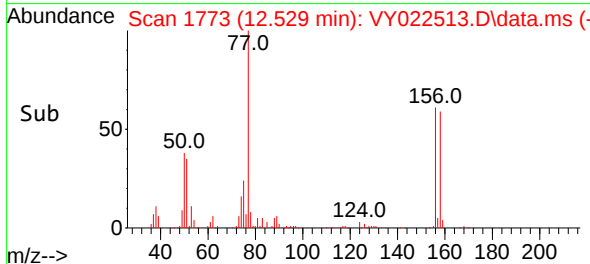
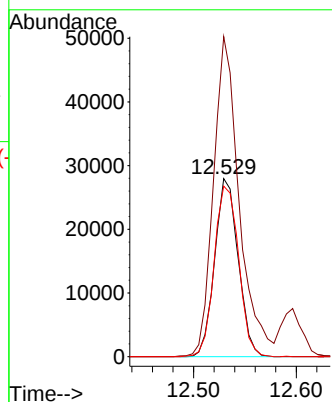
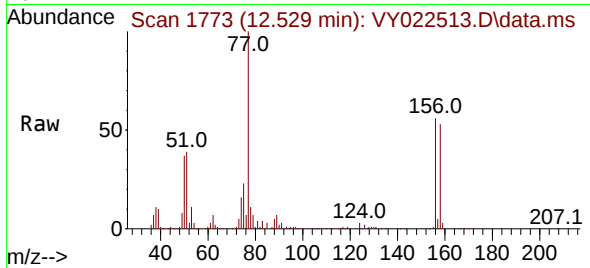




#77
Bromobenzene
Concen: 19.355 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

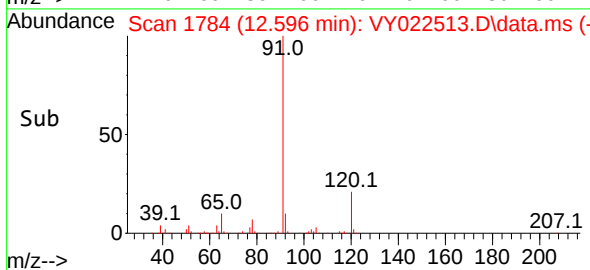
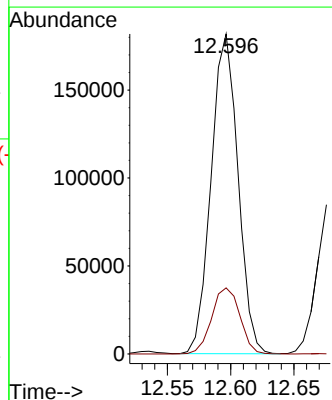
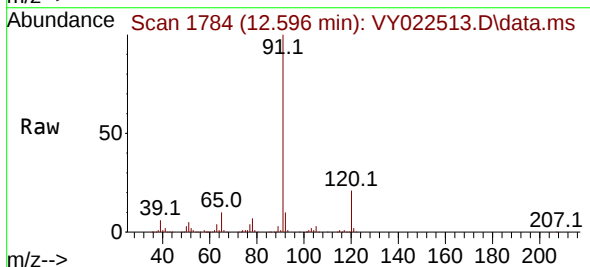
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

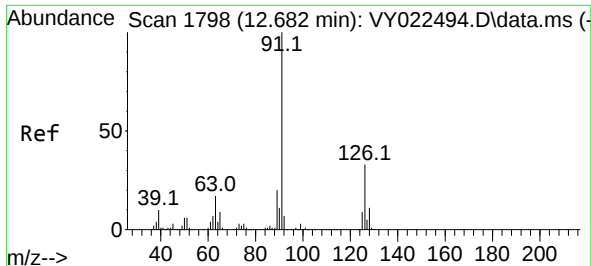
Tgt Ion:156 Resp: 44250
Ion Ratio Lower Upper
156 100
77 197.3 94.0 282.1
158 99.8 48.2 144.6



#78
n-propylbenzene
Concen: 20.282 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 268379
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4

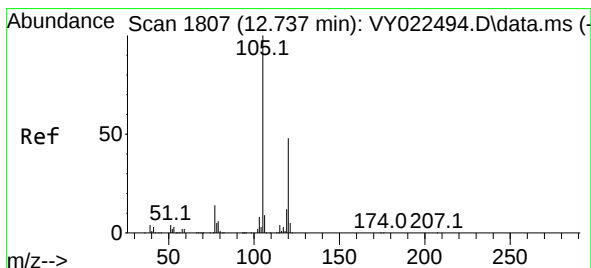
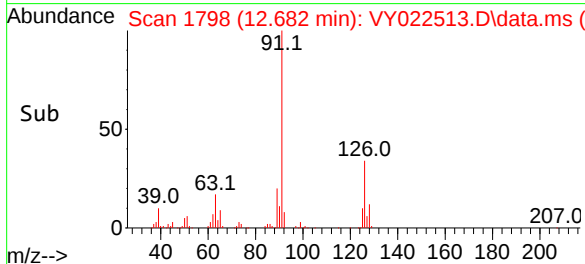
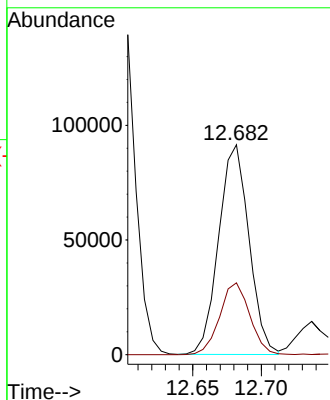
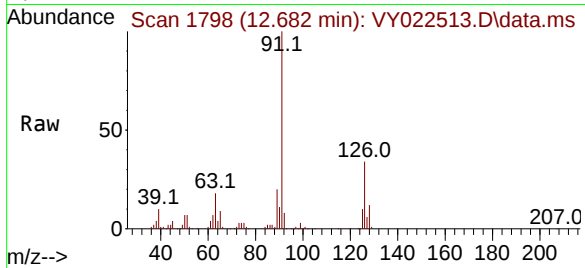




#79
2-Chlorotoluene
Concen: 20.082 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

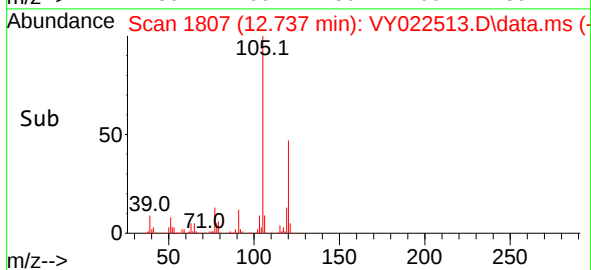
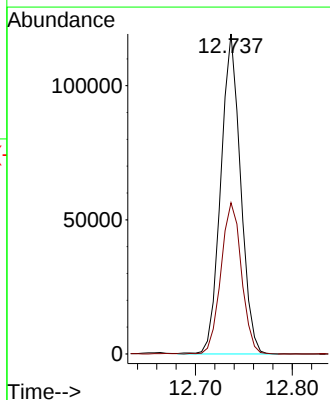
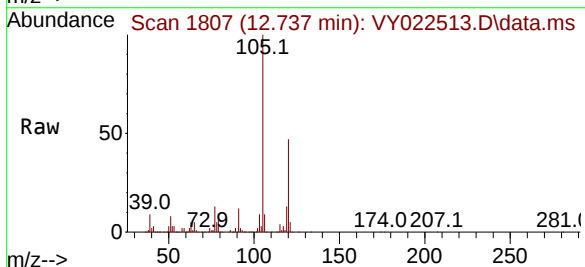
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

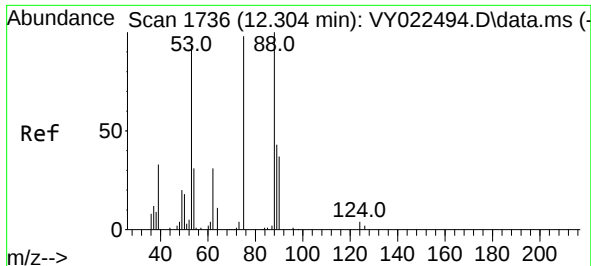
Tgt Ion: 91 Resp: 140839
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.885 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 105 Resp: 169137
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4

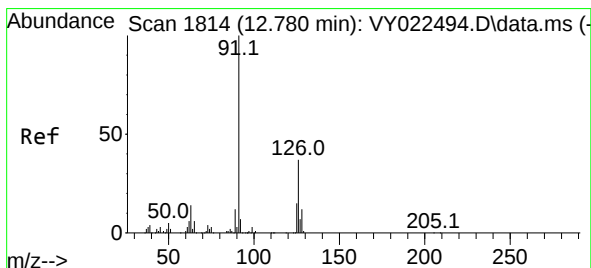
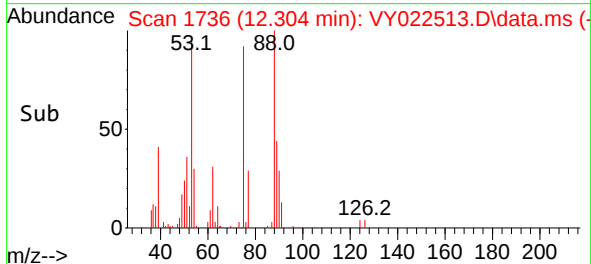
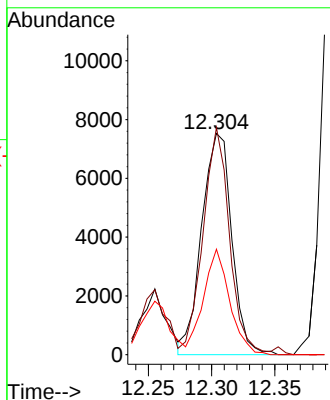
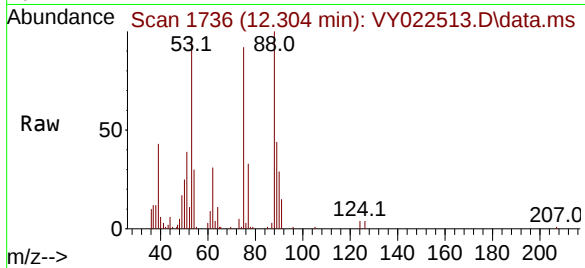




#81
trans-1,4-Dichloro-2-butene
Concen: 19.903 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

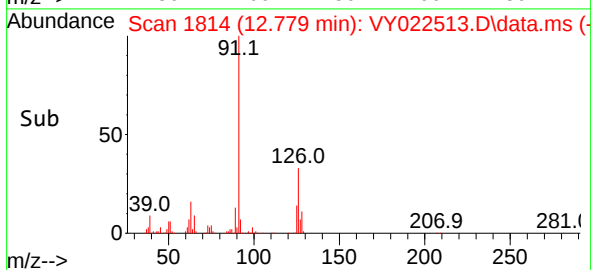
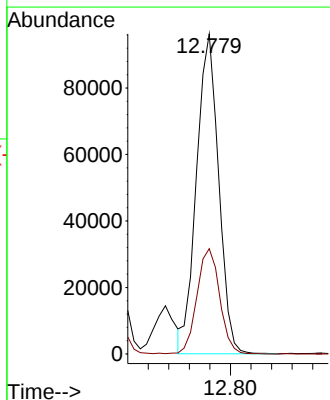
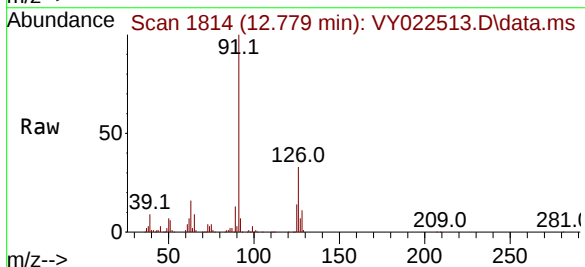
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

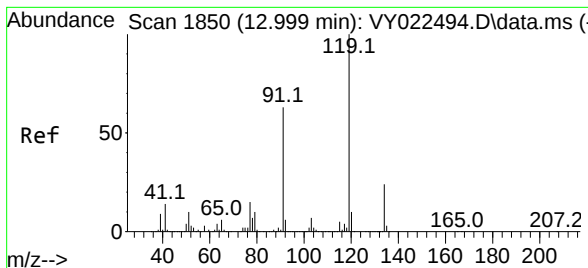
Tgt Ion: 75 Resp: 12442
Ion Ratio Lower Upper
75 100
53 88.0 78.5 117.7
89 41.7 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.916 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 91 Resp: 144089
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.356 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

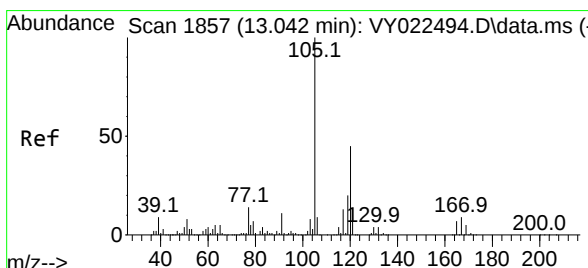
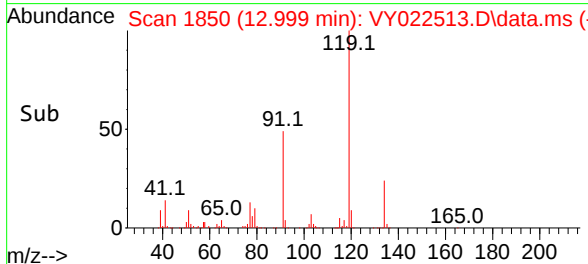
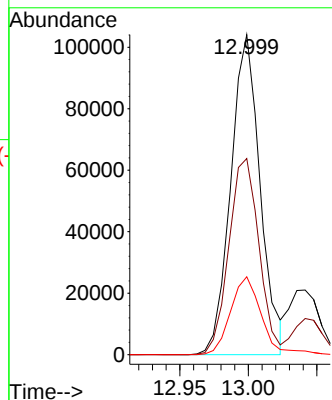
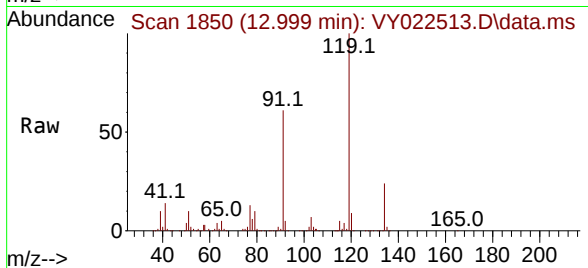
Tgt Ion:119 Resp: 155396

Ion Ratio Lower Upper

119 100

91 62.8 32.1 96.3

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.747 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022513.D

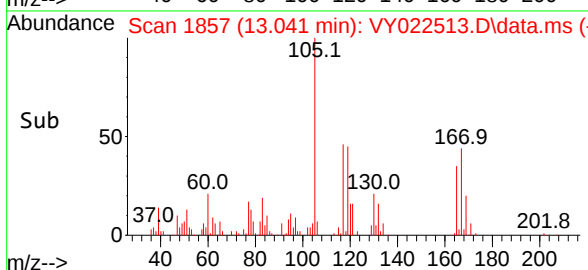
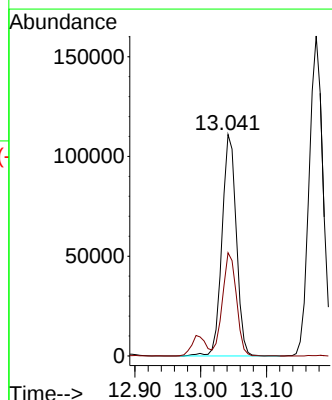
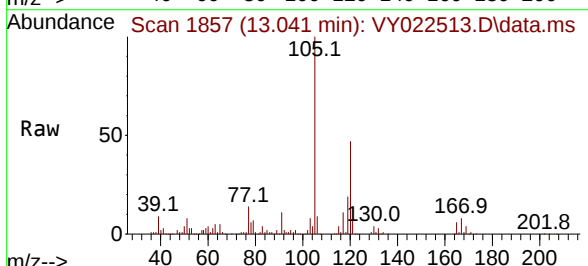
Acq: 03 Jun 2025 11:15

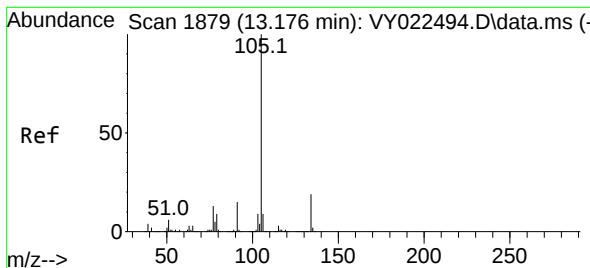
Tgt Ion:105 Resp: 167992

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.032 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

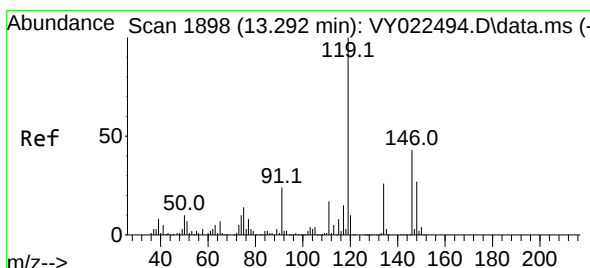
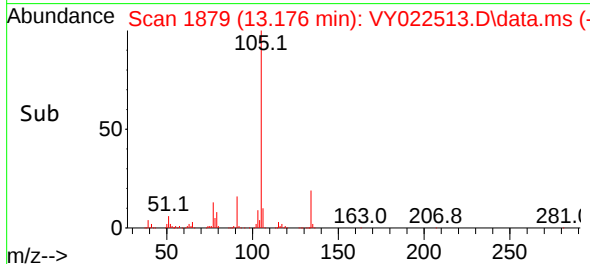
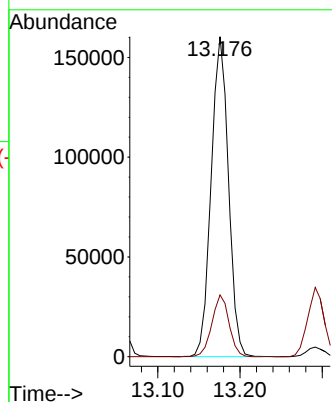
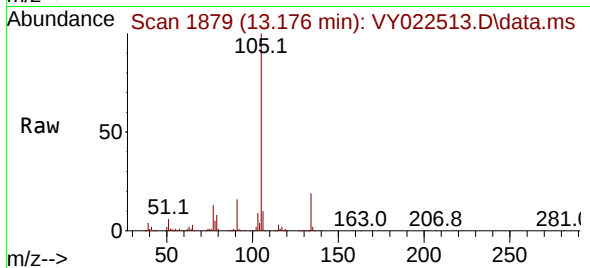
VY0603SBS01

Tgt Ion:105 Resp: 234207

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.596 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

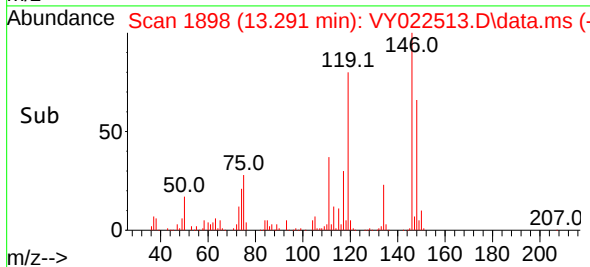
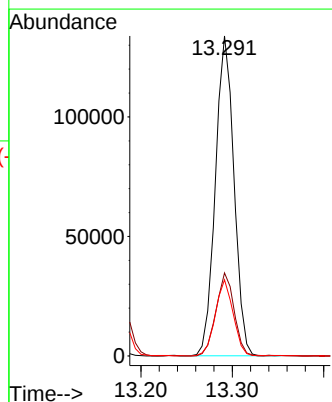
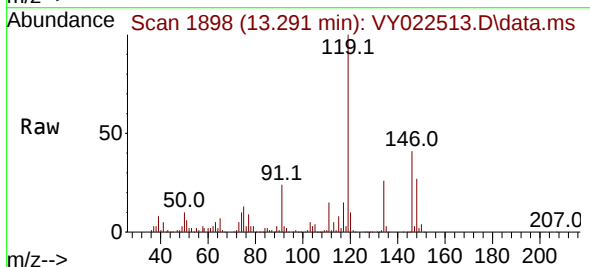
Tgt Ion:119 Resp: 188849

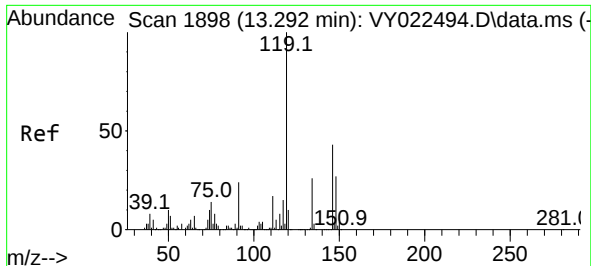
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.350 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

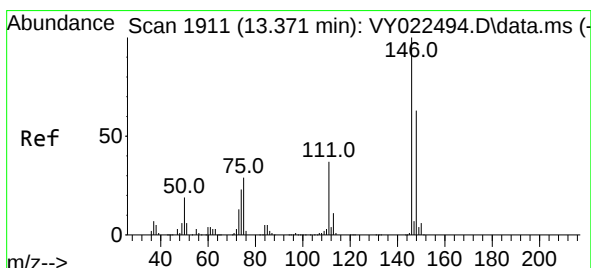
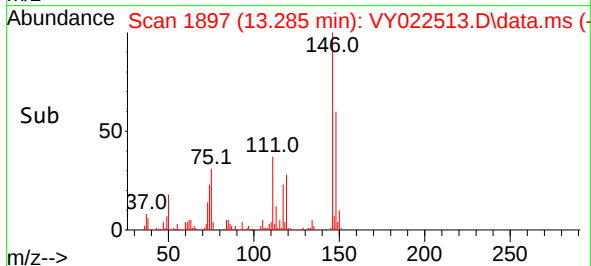
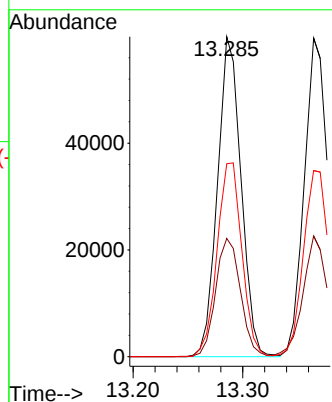
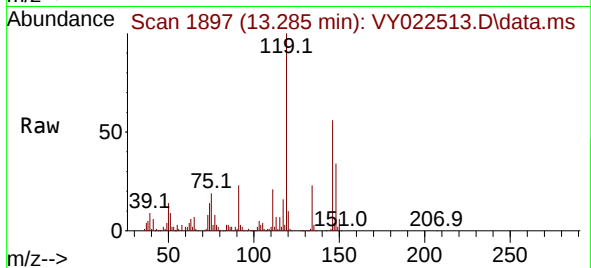
Tgt Ion:146 Resp: 89632

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

148 63.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.974 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

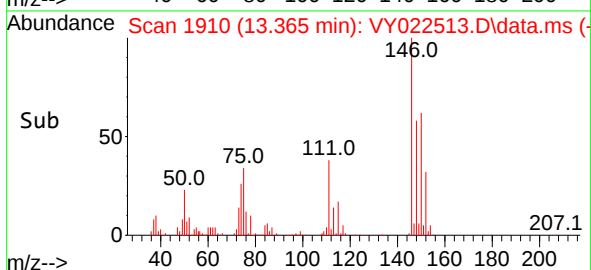
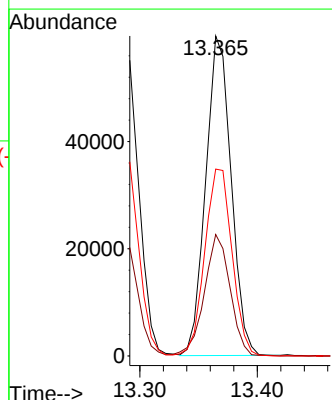
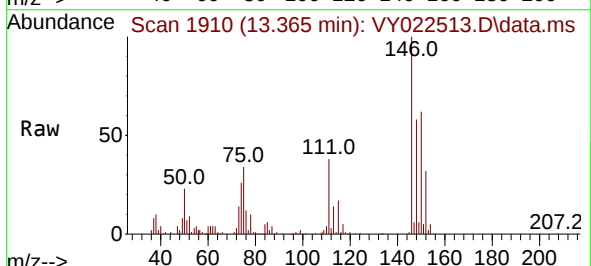
Tgt Ion:146 Resp: 89737

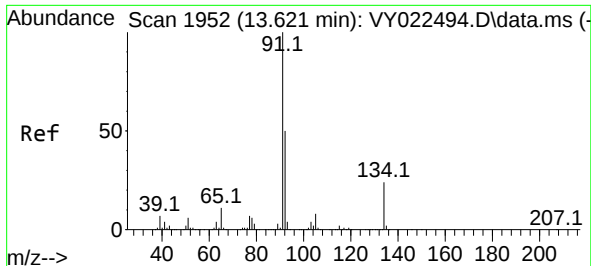
Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 62.8 31.6 94.8

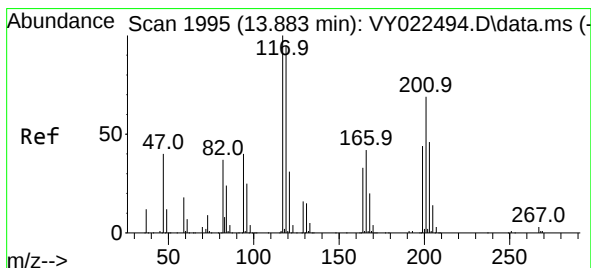
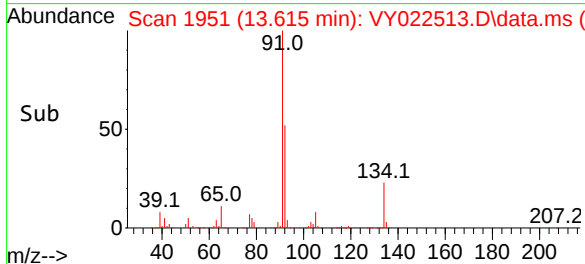
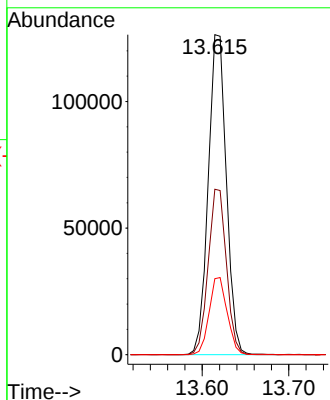
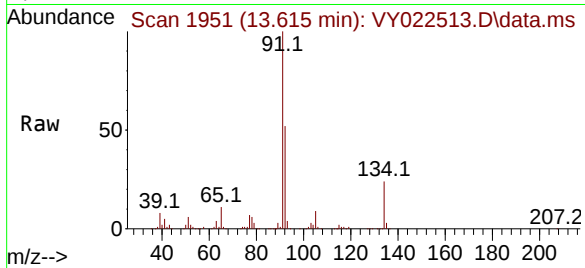




#89
n-Butylbenzene
Concen: 20.077 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

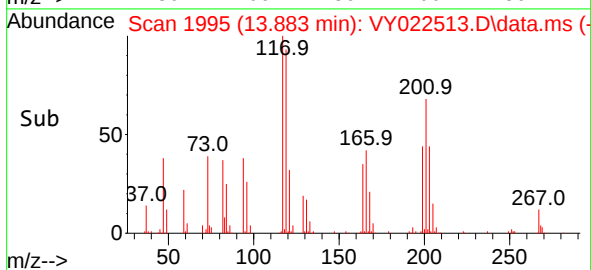
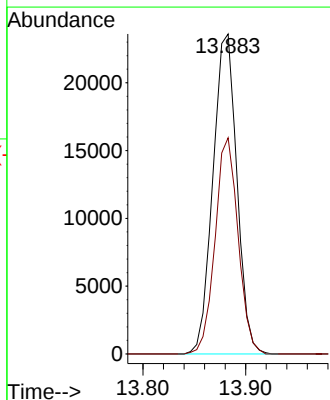
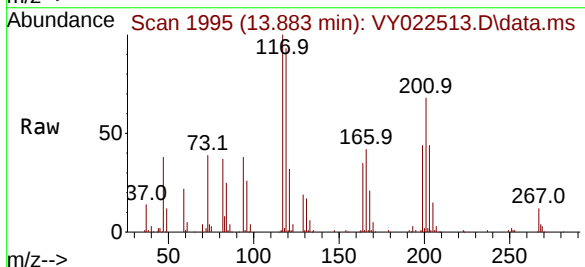
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

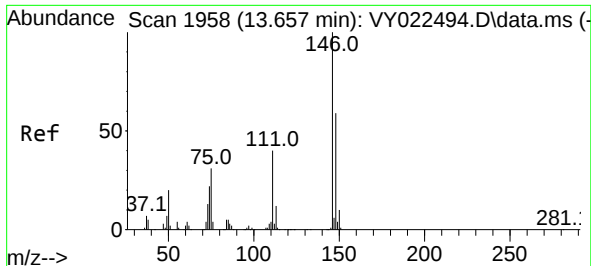
Tgt Ion: 91 Resp: 183570
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.8
134 24.0 12.0 36.1



#90
Hexachloroethane
Concen: 20.338 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 117 Resp: 38158
Ion Ratio Lower Upper
117 100
201 64.9 34.0 102.0

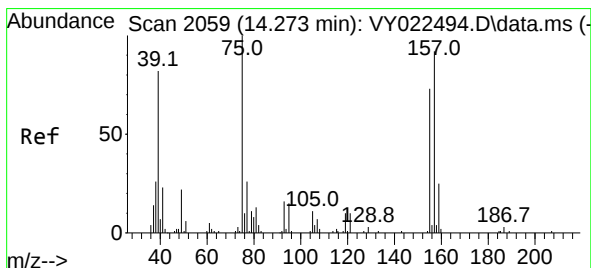
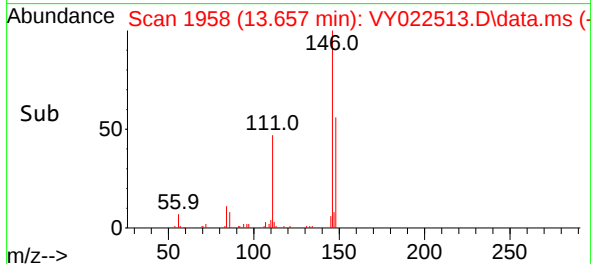
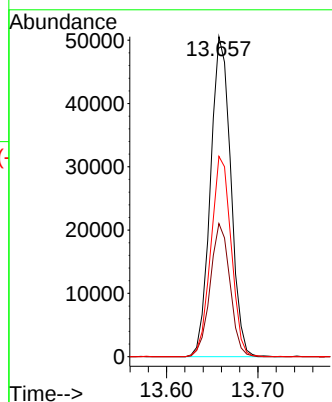
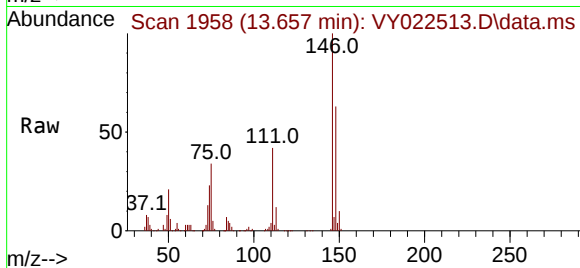




#91
1,2-Dichlorobenzene
Concen: 19.759 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

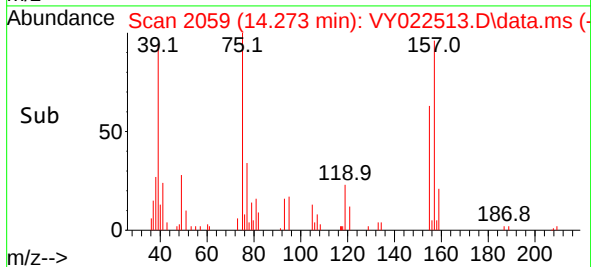
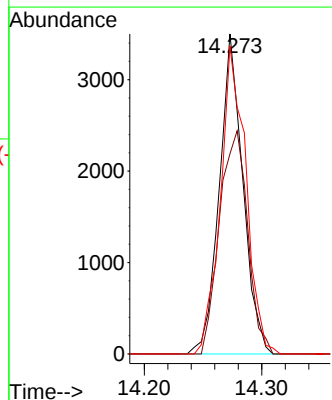
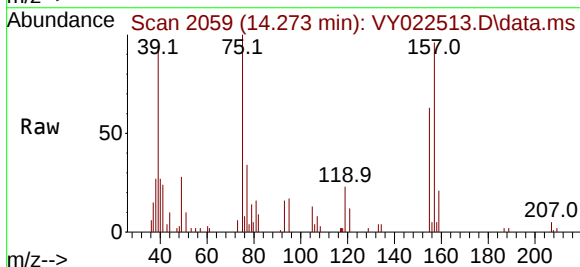
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

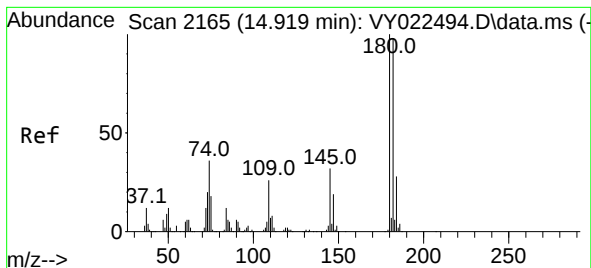
Tgt Ion:146 Resp: 77708
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.6
148 62.9 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.850 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022513.D
Acq: 03 Jun 2025 11:15

Tgt Ion: 75 Resp: 4880
Ion Ratio Lower Upper
75 100
155 83.4 39.9 119.6
157 103.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.836 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

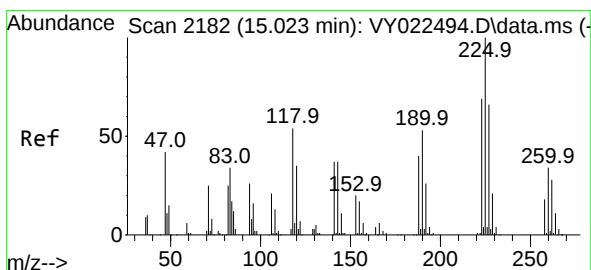
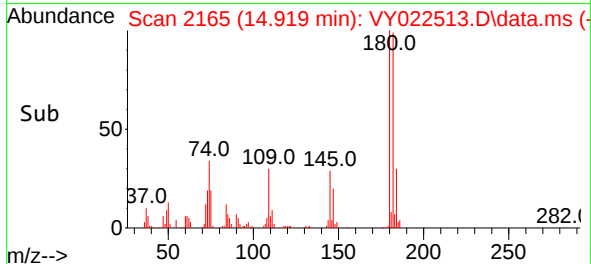
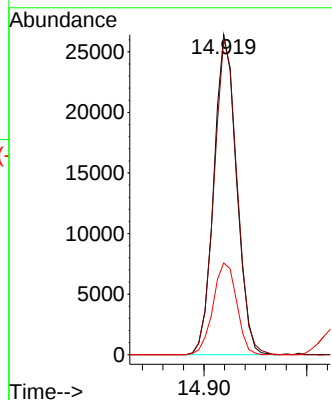
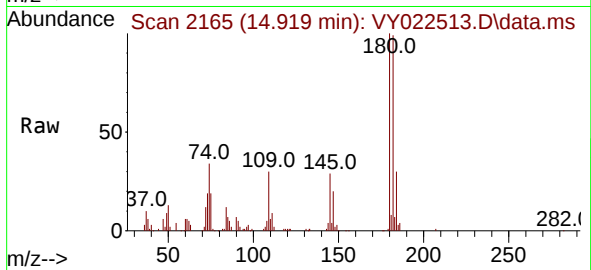
Tgt Ion:180 Resp: 40402

Ion Ratio Lower Upper

180 100

182 99.9 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.652 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

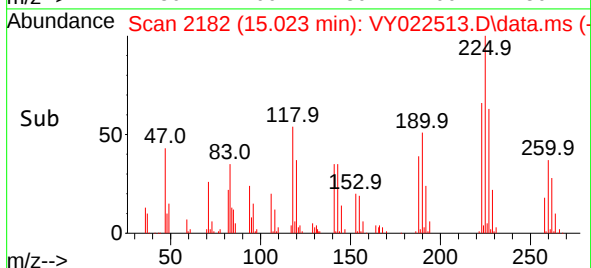
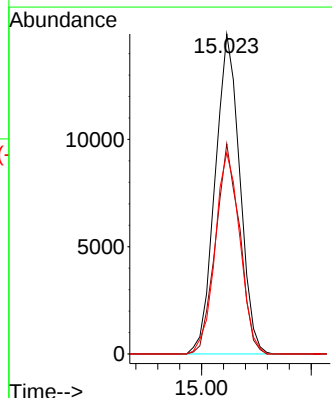
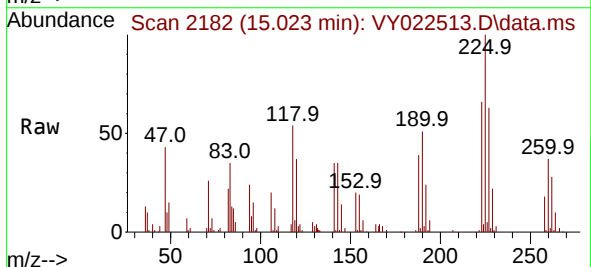
Tgt Ion:225 Resp: 23265

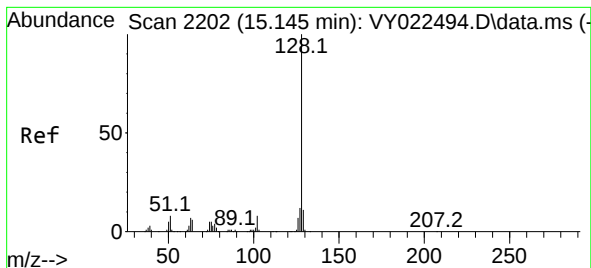
Ion Ratio Lower Upper

225 100

223 64.0 32.5 97.4

227 63.6 32.3 96.9





#95

Naphthalene

Concen: 18.211 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

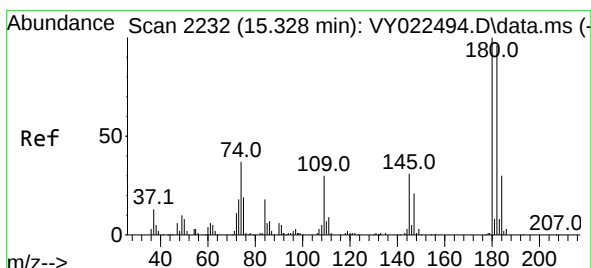
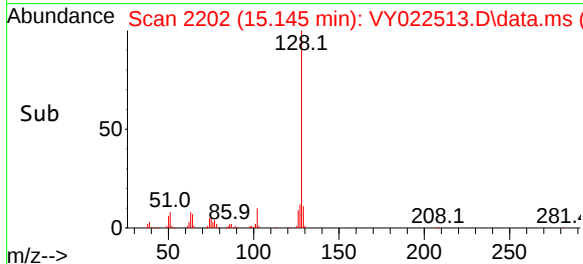
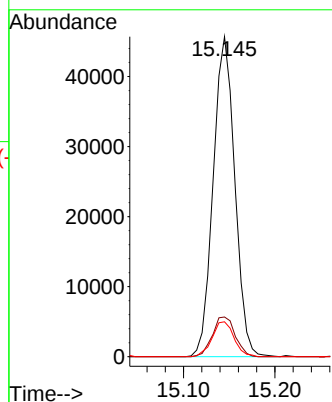
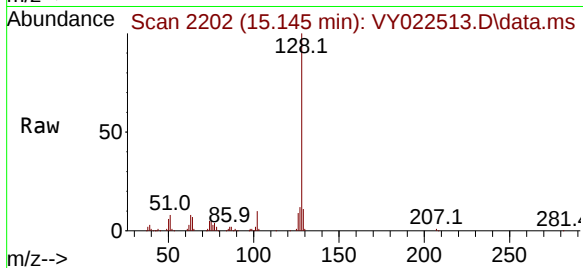
Tgt Ion:128 Resp: 74961

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.418 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022513.D

Acq: 03 Jun 2025 11:15

Tgt Ion:180 Resp: 35695

Ion Ratio Lower Upper

180 100

182 93.3 47.1 141.3

145 30.7 15.2 45.6

