

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022501.D
 Acq On : 02 Jun 2025 16:47
 Operator : SY/MD
 Sample : VY0602SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Quant Time: Jun 03 04:07:23 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	7.713	168	196193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	338031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	287481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110773	50.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.634	113	98543	48.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.680%	
50) Toluene-d8	10.109	98	399844	49.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.408	95	118036	48.594	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39417	22.441	ug/l	94
3) Chloromethane	2.068	50	124999	24.088	ug/l	98
4) Vinyl Chloride	2.202	62	140737	23.379	ug/l	97
5) Bromomethane	2.592	94	142424	24.684	ug/l	100
6) Chloroethane	2.732	64	100549	24.335	ug/l	96
7) Trichlorofluoromethane	3.050	101	126599	24.773	ug/l	100
8) Diethyl Ether	3.452	74	24269	21.087	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	45152	20.978	ug/l	98
10) Methyl Iodide	4.001	142	44020	18.899	ug/l	98
11) Tert butyl alcohol	4.891	59	17443	111.297	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	44437	21.599	ug/l	93
13) Acrolein	3.659	56	22305	114.198	ug/l	100
14) Allyl chloride	4.385	41	67134	20.785	ug/l	99
15) Acrylonitrile	5.061	53	52472	107.653	ug/l	99
16) Acetone	3.885	43	39907	89.551	ug/l	98
17) Carbon Disulfide	4.104	76	137936	20.941	ug/l	100
18) Methyl Acetate	4.391	43	32495	24.624	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	125468	21.651	ug/l	95
20) Methylene Chloride	4.616	84	53642	21.191	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	49067	21.309	ug/l	95
22) Diisopropyl ether	6.025	45	152651	21.233	ug/l	100
23) Vinyl Acetate	5.964	43	435001	102.229	ug/l	99
24) 1,1-Dichloroethane	5.915	63	89454	21.121	ug/l	100
25) 2-Butanone	6.896	43	67139	104.448	ug/l	100
26) 2,2-Dichloropropane	6.884	77	75078	20.063	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	55528	20.863	ug/l	98
28) Bromochloromethane	7.244	49	36439	19.737	ug/l	97
29) Tetrahydrofuran	7.268	42	43756	105.541	ug/l	99
30) Chloroform	7.427	83	88147	21.012	ug/l	96
31) Cyclohexane	7.707	56	86476	20.509	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	78140	20.983	ug/l	100
36) 1,1-Dichloropropene	7.835	75	65798	20.093	ug/l	99
37) Ethyl Acetate	6.988	43	31322	21.449	ug/l	98
38) Carbon Tetrachloride	7.817	117	67385	20.059	ug/l	96
39) Methylcyclohexane	9.109	83	89683	20.380	ug/l	97
40) Benzene	8.079	78	200517	20.732	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	16802	19.698	ug/l	97
42) 1,2-Dichloroethane	8.164	62	55456	20.999	ug/l	98
43) Isopropyl Acetate	8.201	43	64322	20.394	ug/l	98
44) Trichloroethene	8.866	130	49684	21.018	ug/l	95
45) 1,2-Dichloropropane	9.140	63	48003	21.001	ug/l	99
46) Dibromomethane	9.231	93	26735	20.790	ug/l	98
47) Bromodichloromethane	9.426	83	68349	20.961	ug/l	100
48) Methyl methacrylate	9.219	41	30620	20.686	ug/l	98
49) 1,4-Dioxane	9.237	88	6664	437.419	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	166415	105.833	ug/l	99
52) Toluene	10.170	92	122294	20.120	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	62566	20.479	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	73072	20.546	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	34764	21.201	ug/l	97
56) Ethyl methacrylate	10.438	69	49167	20.746	ug/l	99
57) 1,3-Dichloropropane	10.719	76	60562	20.838	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	112978	104.995	ug/l	99
59) 2-Hexanone	10.762	43	106422	101.197	ug/l	98
60) Dibromochloromethane	10.914	129	43440	20.846	ug/l	99
61) 1,2-Dibromoethane	11.018	107	32243	21.574	ug/l	96
64) Tetrachloroethene	10.646	164	51419	20.793	ug/l	96
65) Chlorobenzene	11.444	112	130705	20.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	43609	20.349	ug/l	98
67) Ethyl Benzene	11.518	91	234567	19.880	ug/l	99
68) m/p-Xylenes	11.627	106	176263	39.406	ug/l	99
69) o-Xylene	11.956	106	82412	19.651	ug/l	98
70) Styrene	11.969	104	137247	19.798	ug/l	99
71) Bromoform	12.133	173	23020	20.186	ug/l #	96
73) Isopropylbenzene	12.255	105	216831	19.747	ug/l	99
74) N-amyl acetate	12.072	43	54999	19.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37674	20.905	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	52008	33.990	ug/l #	100
77) Bromobenzene	12.530	156	45498	19.635	ug/l	96
78) n-propylbenzene	12.597	91	266604	19.879	ug/l	100
79) 2-Chlorotoluene	12.682	91	143147	20.138	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	173489	20.125	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12086	19.075	ug/l	96
82) 4-Chlorotoluene	12.779	91	145853	19.891	ug/l	99
83) tert-Butylbenzene	12.999	119	156156	20.182	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	169667	19.678	ug/l	100
85) sec-Butylbenzene	13.176	105	238367	20.116	ug/l	100
86) p-Isopropyltoluene	13.292	119	192867	19.746	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	92940	19.796	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	90240	19.818	ug/l	98
89) n-Butylbenzene	13.615	91	184971	19.960	ug/l	100
90) Hexachloroethane	13.877	117	37732	19.843	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	81168	20.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5912	22.532	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	45467	20.914	ug/l	97
94) Hexachlorobutadiene	15.023	225	24770	20.644	ug/l	97
95) Naphthalene	15.139	128	87505	20.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38378	20.599	ug/l	97

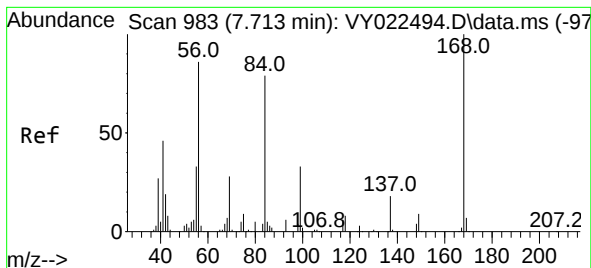
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Operator : SY/MD
Sample : VY0602SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

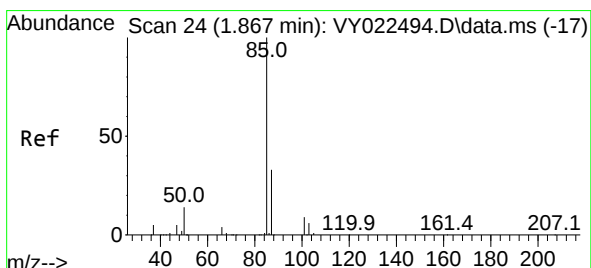
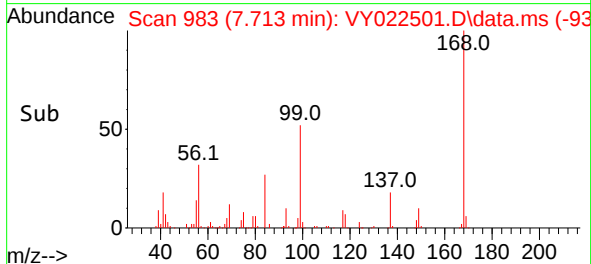
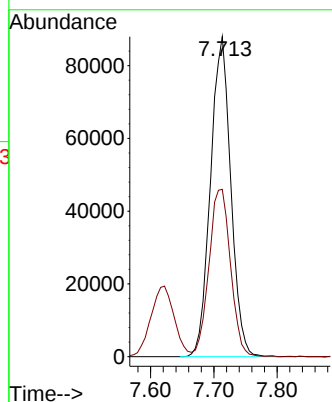
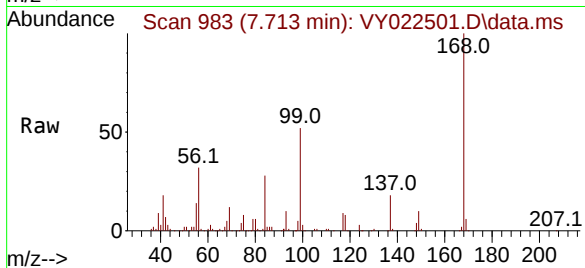
VY0602SBSD01

Tgt Ion:168 Resp: 196193

Ion Ratio Lower Upper

168 100

99 52.3 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 22.441 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022501.D

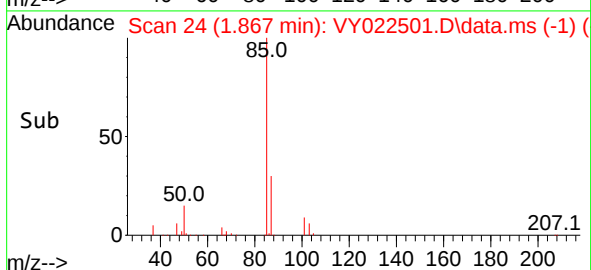
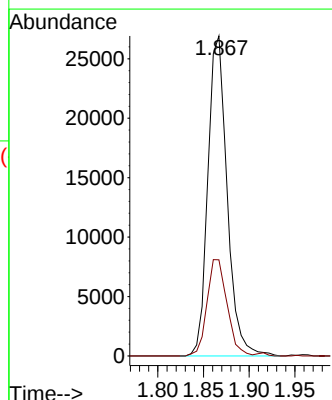
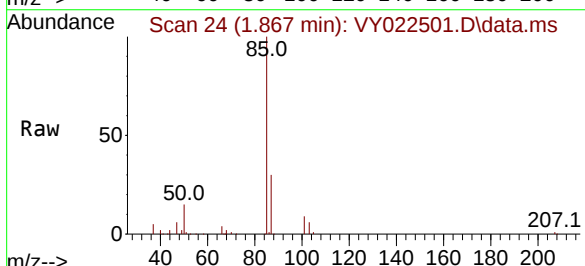
Acq: 02 Jun 2025 16:47

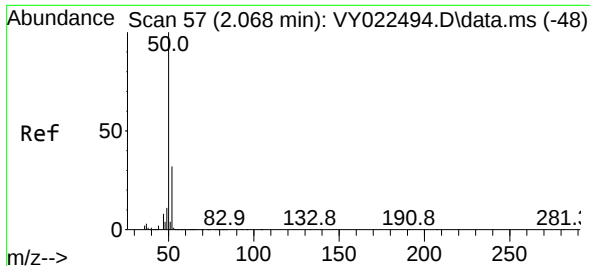
Tgt Ion: 85 Resp: 39417

Ion Ratio Lower Upper

85 100

87 30.0 16.7 50.0

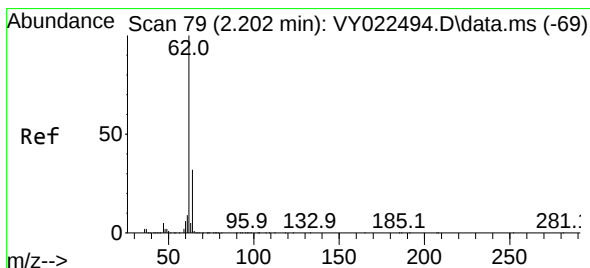
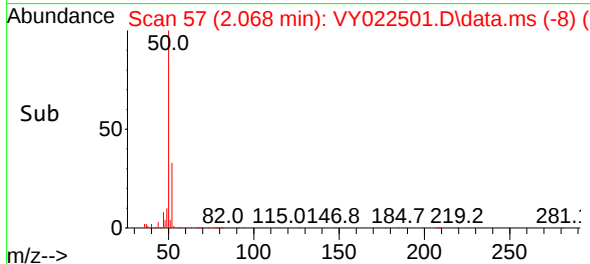
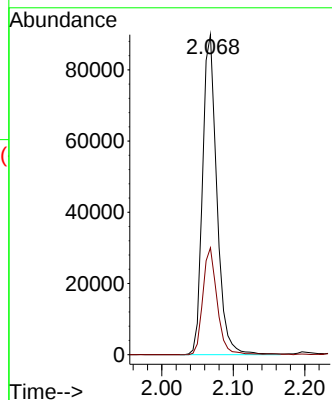
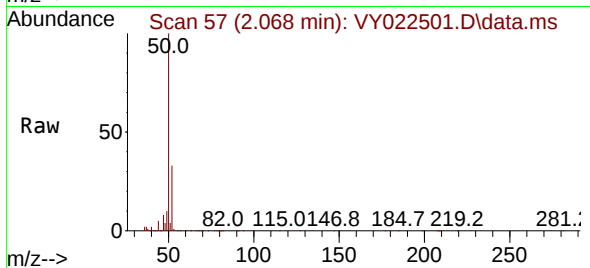




#3
Chloromethane
Concen: 24.088 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

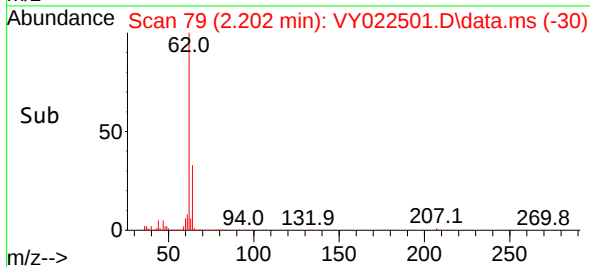
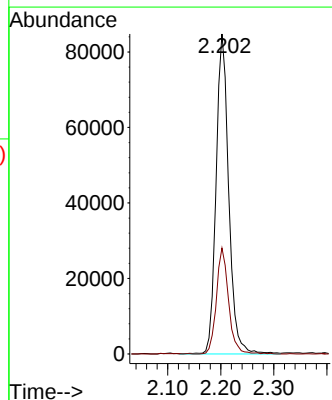
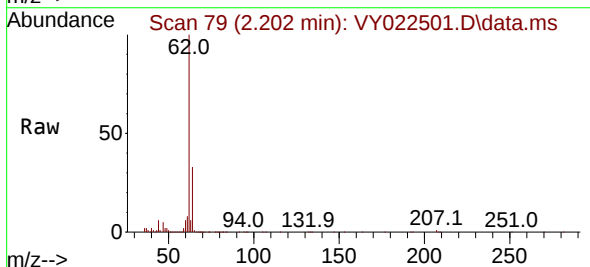
Instrument :
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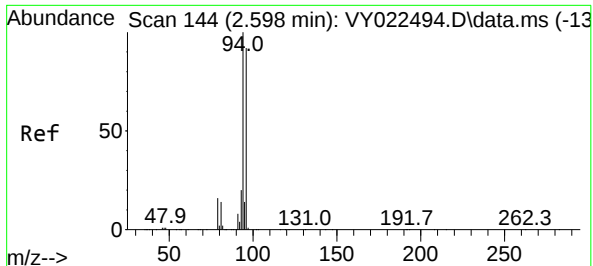
Tgt Ion: 50 Resp: 124999
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 23.379 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 62 Resp: 140737
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9

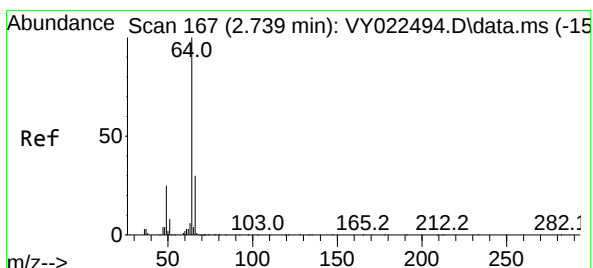
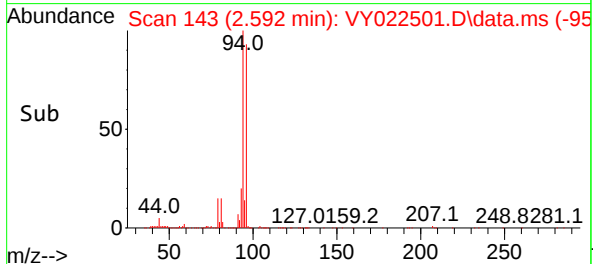
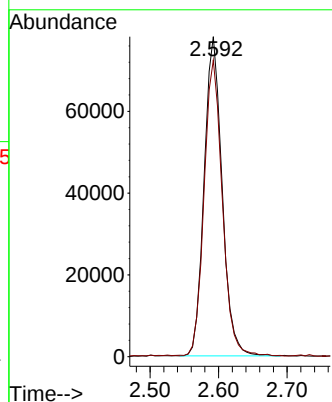
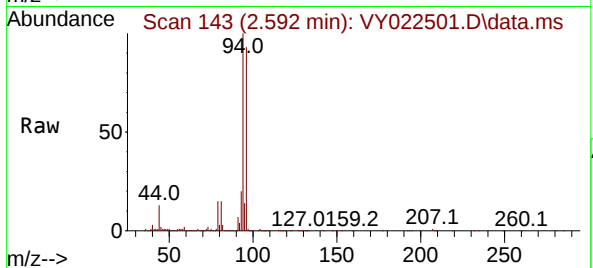




#5
Bromomethane
Concen: 24.684 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

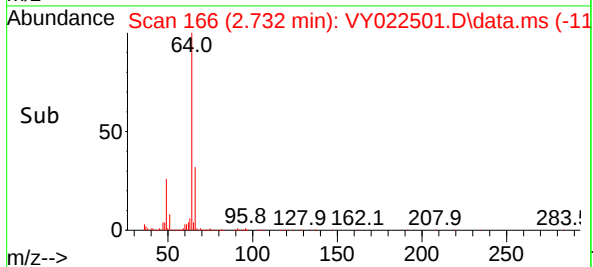
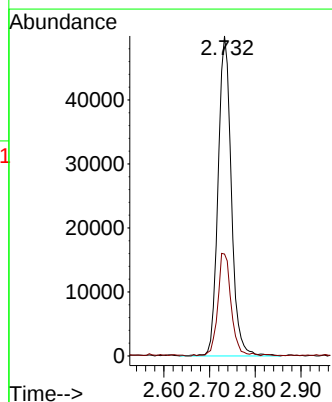
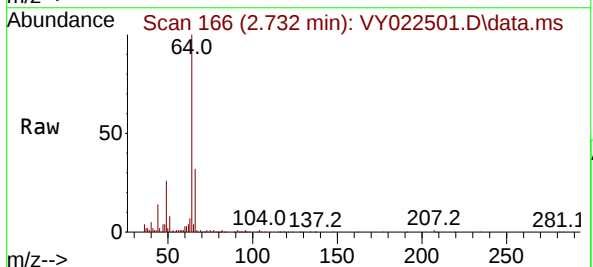
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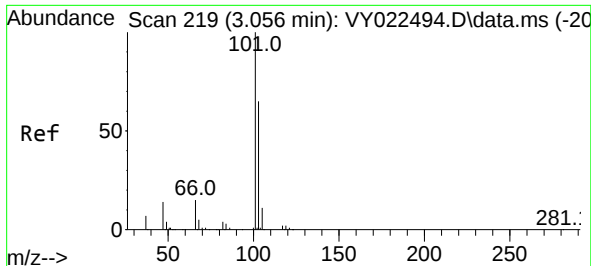
Tgt Ion: 94 Resp: 142424
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0



#6
Chloroethane
Concen: 24.335 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 64 Resp: 100549
Ion Ratio Lower Upper
64 100
66 31.6 23.8 35.6

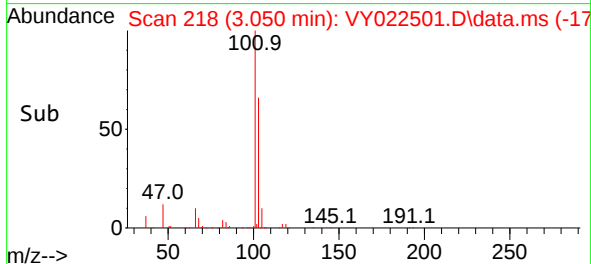
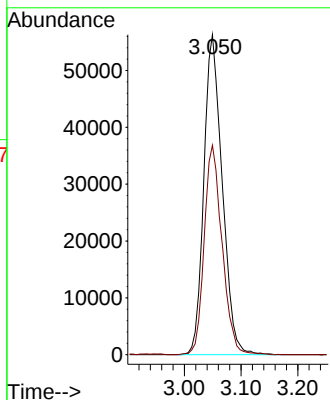
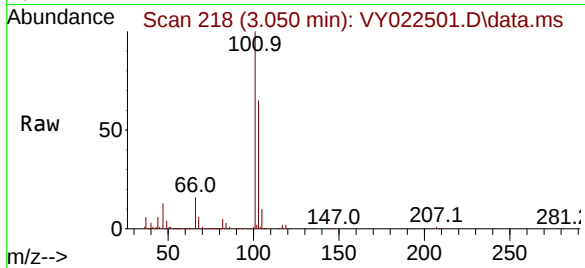




#7
 Trichlorofluoromethane
 Concen: 24.773 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

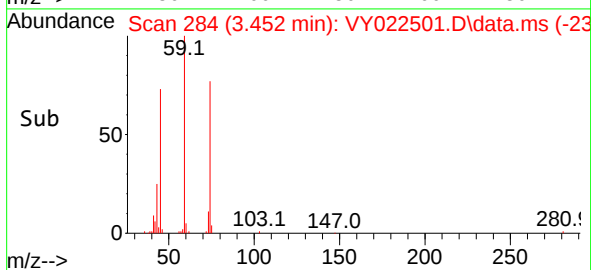
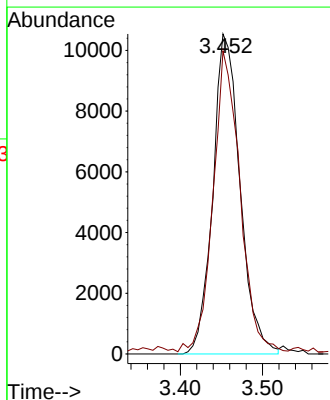
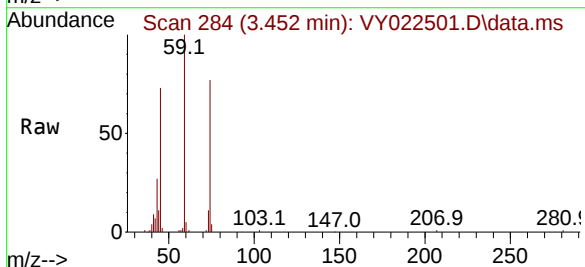
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tgt Ion:101 Resp: 126599
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.087 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

Tgt Ion: 74 Resp: 24269
 Ion Ratio Lower Upper
 74 100
 45 93.1 45.9 137.6

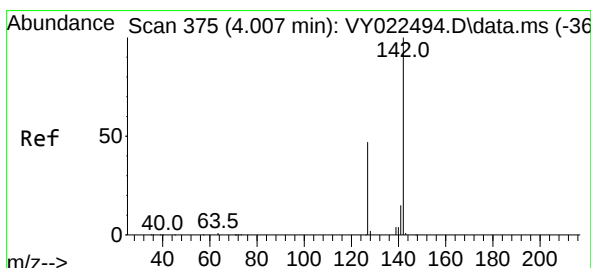
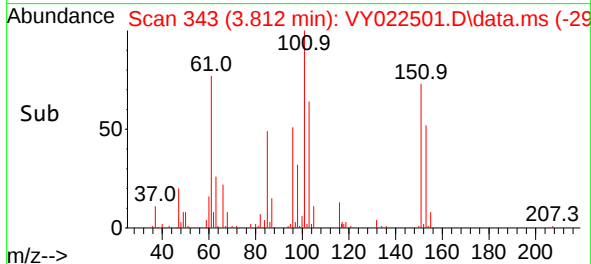
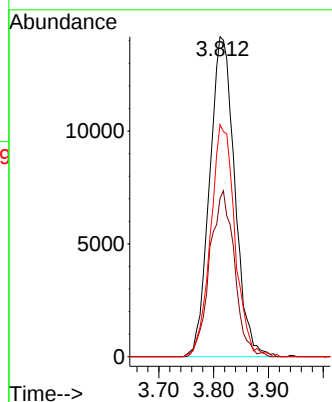
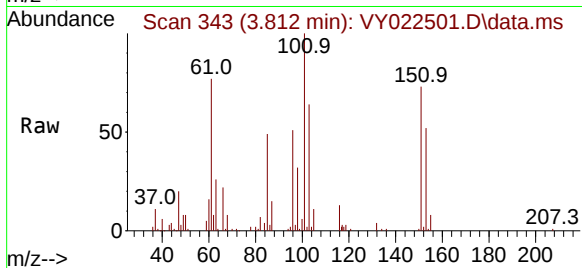




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.978 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

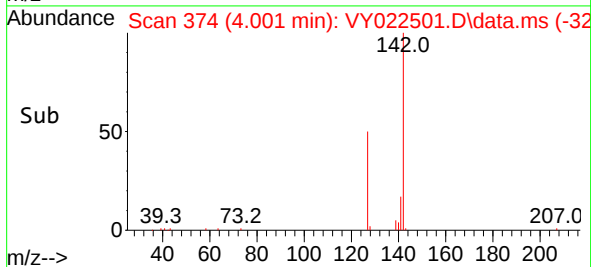
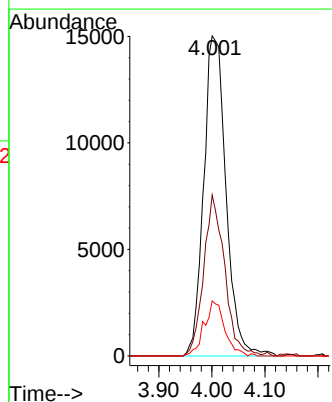
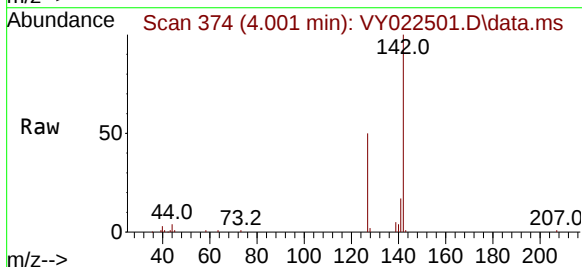
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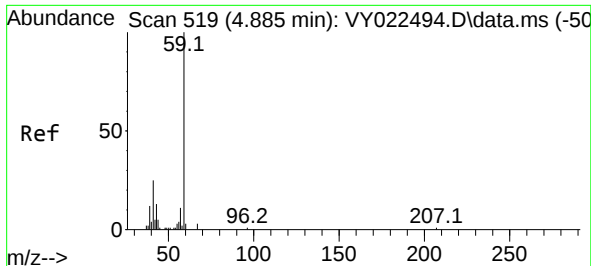
Tgt Ion:101 Resp: 45152
Ion Ratio Lower Upper
101 100
85 50.8 39.3 58.9
151 70.3 57.8 86.8



#10
Methyl Iodide
Concen: 18.899 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:142 Resp: 44020
Ion Ratio Lower Upper
142 100
127 47.2 37.1 55.7
141 15.7 11.4 17.2

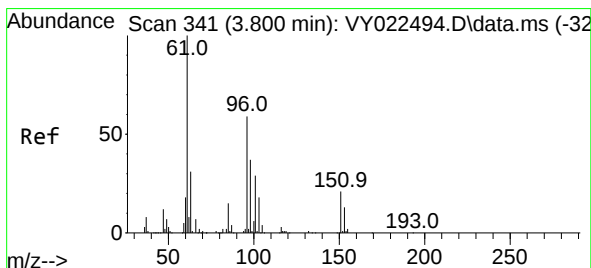
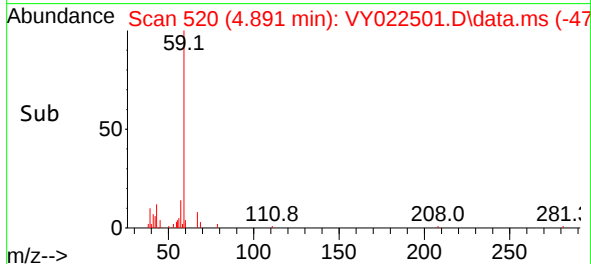
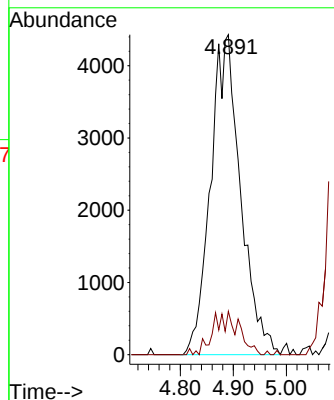
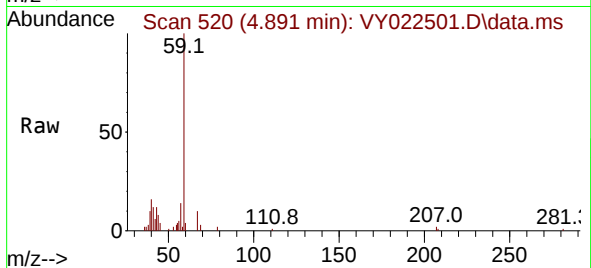




#11
Tert butyl alcohol
Concen: 111.297 ug/l
RT: 4.891 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

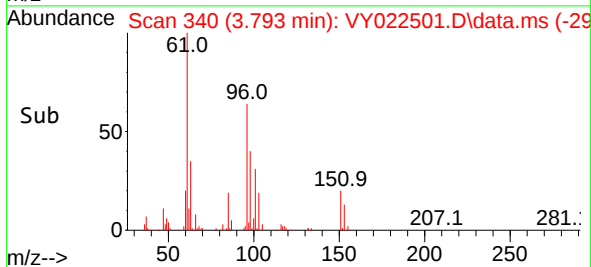
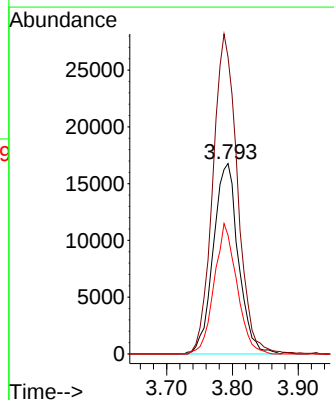
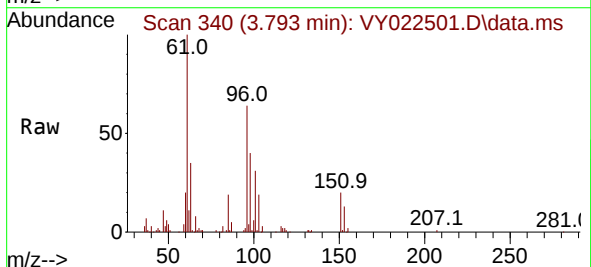
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

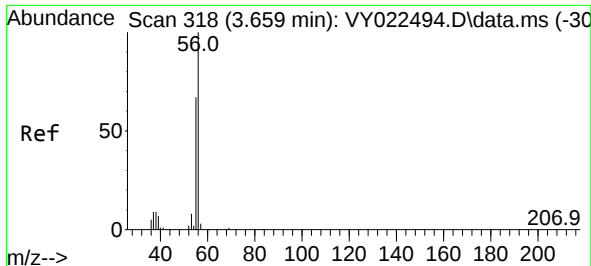
Tgt Ion: 59 Resp: 17443
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.599 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 96 Resp: 44437
Ion Ratio Lower Upper
96 100
61 155.4 134.6 201.8
98 62.2 50.2 75.4

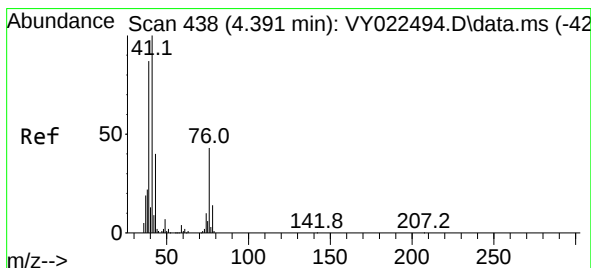
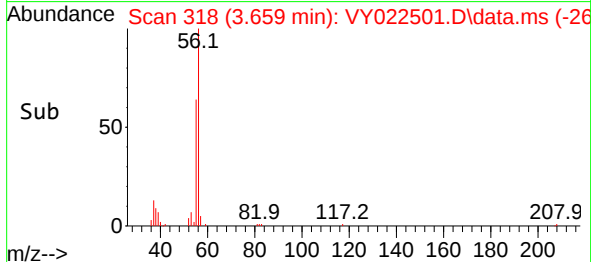
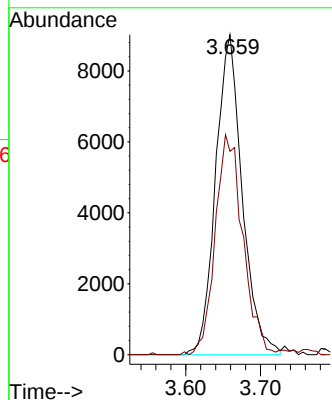
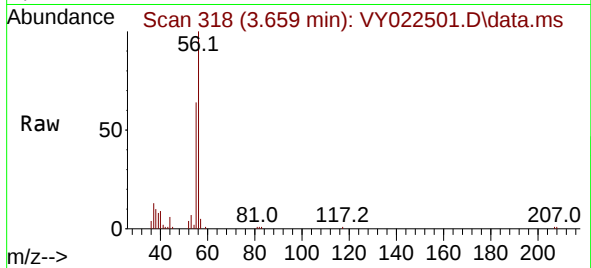




#13
Acrolein
Concen: 114.198 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

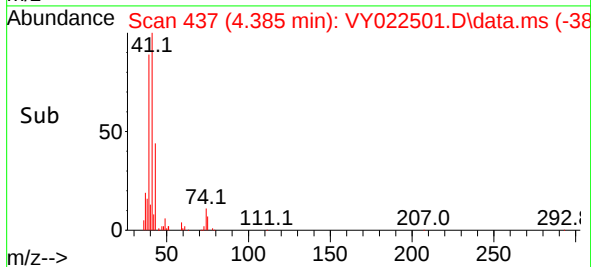
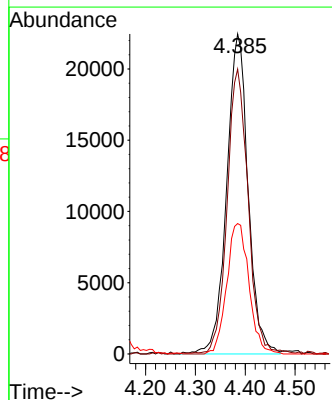
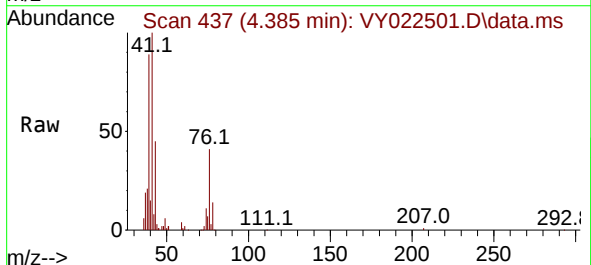
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tgt Ion: 56 Resp: 22305
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.6



#14
Allyl chloride
Concen: 20.785 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

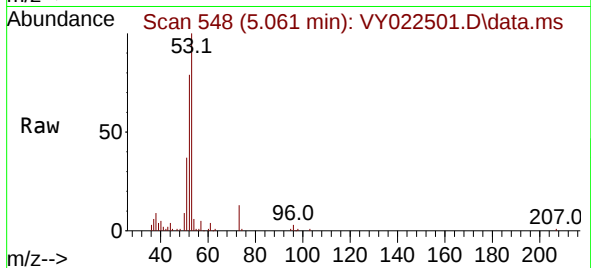
Tgt Ion: 41 Resp: 67134
Ion Ratio Lower Upper
41 100
39 87.2 69.1 103.7
76 42.1 33.5 50.3



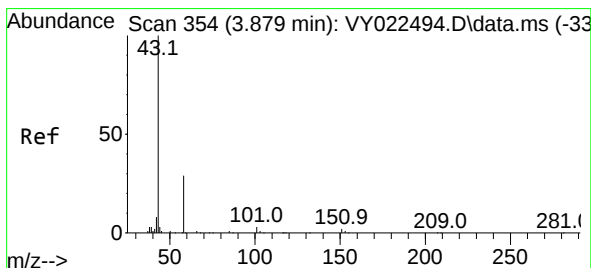
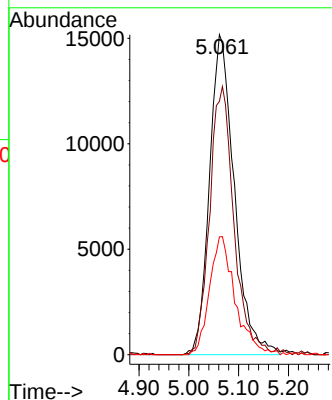
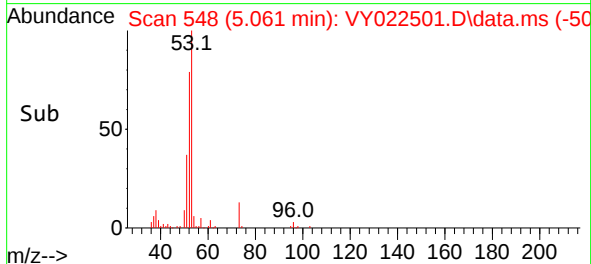


#15
Acrylonitrile
Concen: 107.653 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

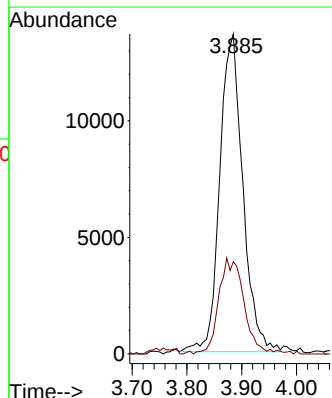
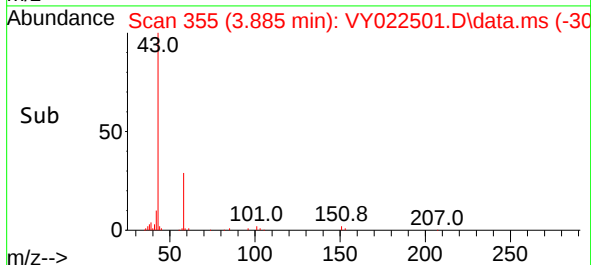
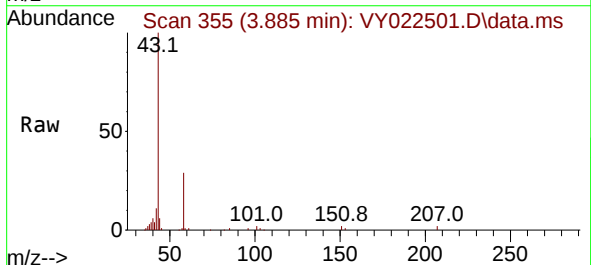


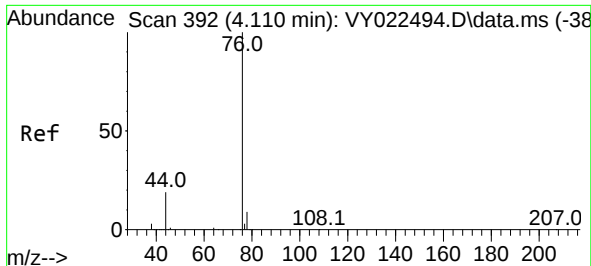
Tgt Ion: 53 Resp: 52472
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 38.2 30.1 45.1



#16
Acetone
Concen: 89.551 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 43 Resp: 39907
Ion Ratio Lower Upper
43 100
58 29.0 24.0 36.0

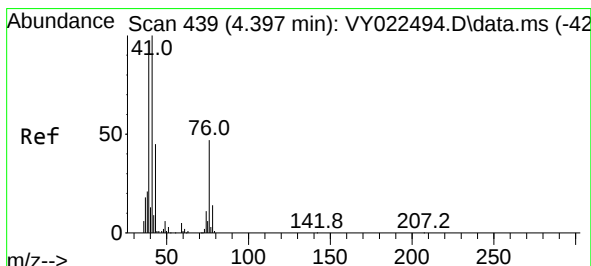
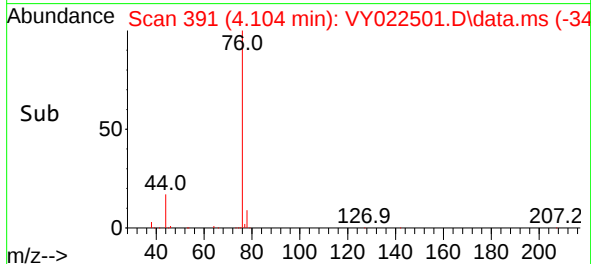
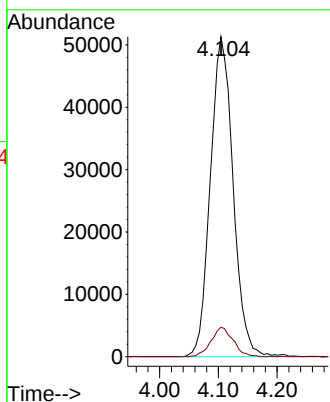
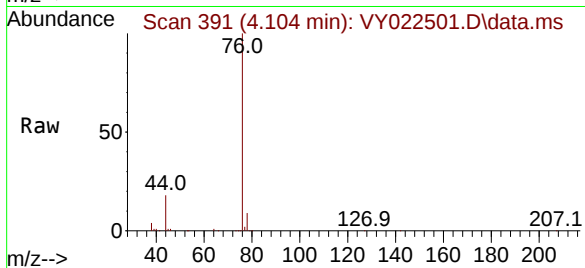




#17
Carbon Disulfide
Concen: 20.941 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

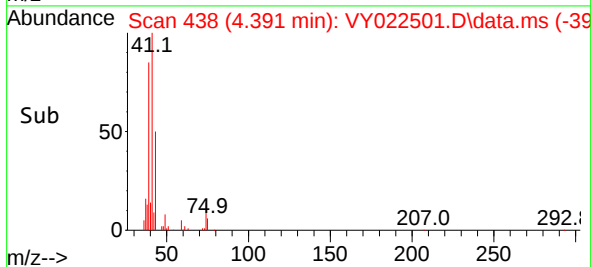
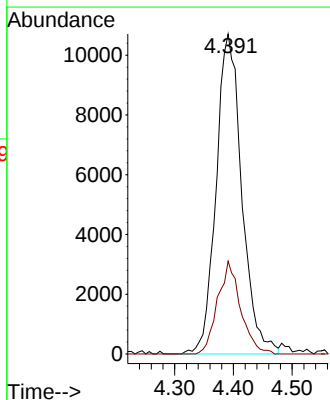
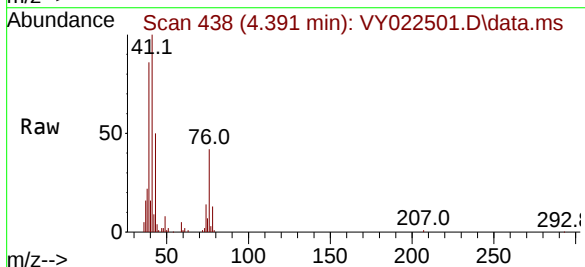
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

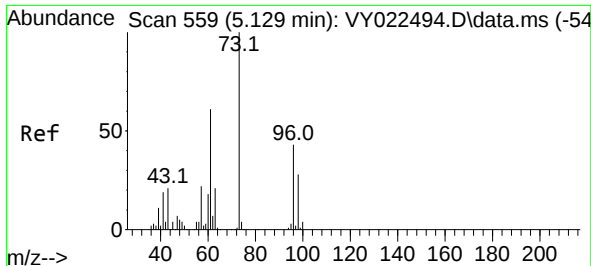
Tgt Ion: 76 Resp: 137936
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 24.624 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 43 Resp: 32495
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6

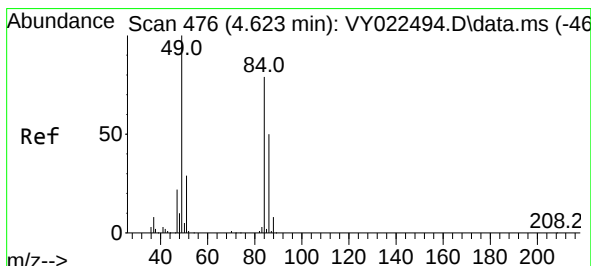
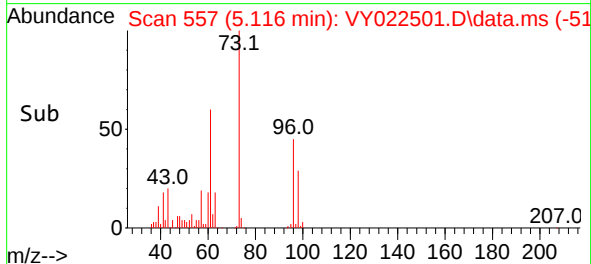
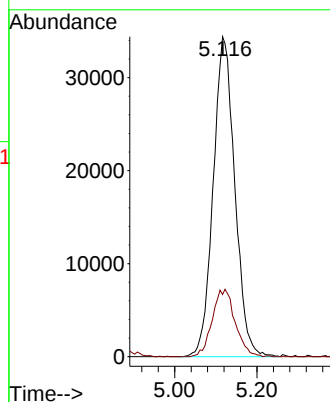
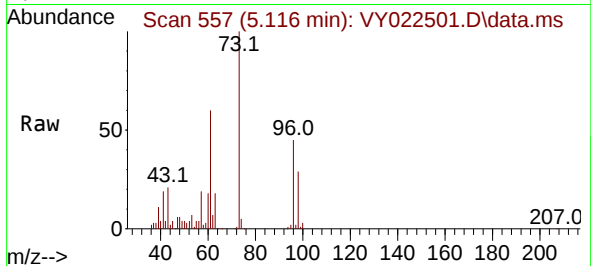




#19
Methyl tert-butyl Ether
Concen: 21.651 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

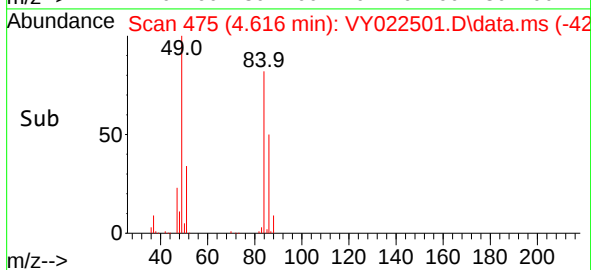
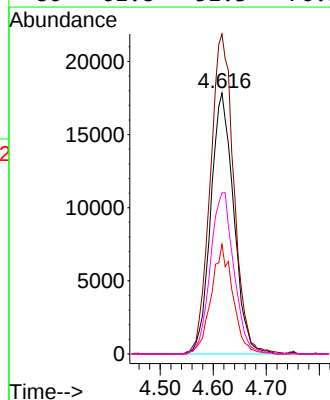
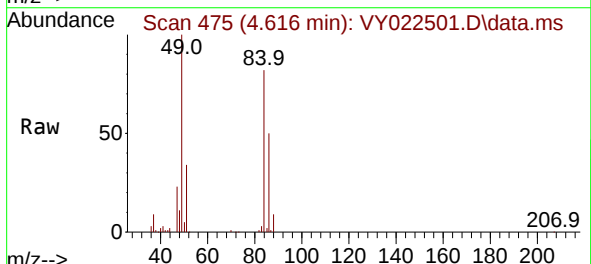
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

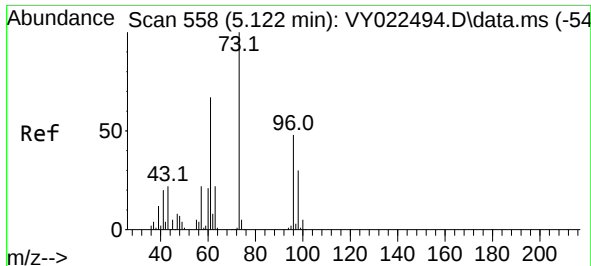
Tgt Ion: 73 Resp: 125468
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.0



#20
Methylene Chloride
Concen: 21.191 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 84 Resp: 53642
Ion Ratio Lower Upper
84 100
49 122.6 101.9 152.9
51 42.0 29.8 44.8
86 61.8 51.3 76.9

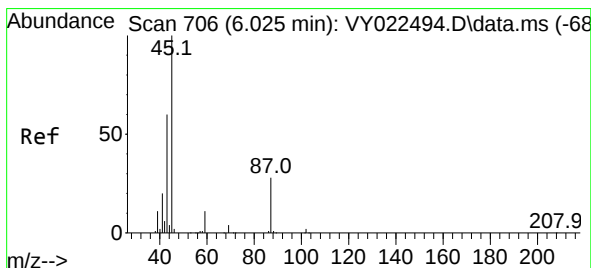
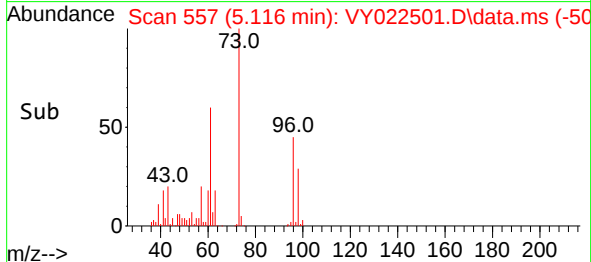
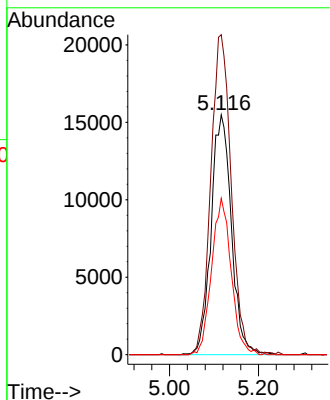
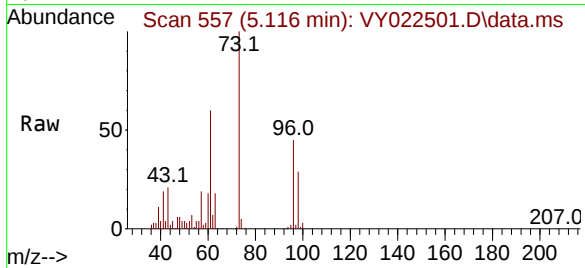




#21
trans-1,2-Dichloroethene
Concen: 21.309 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

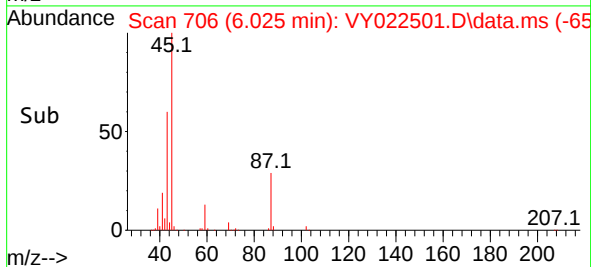
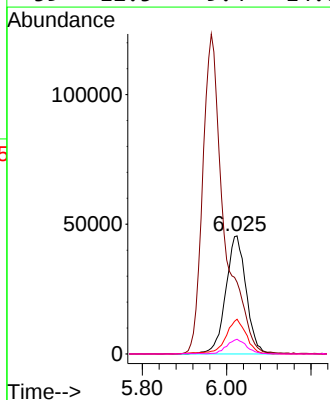
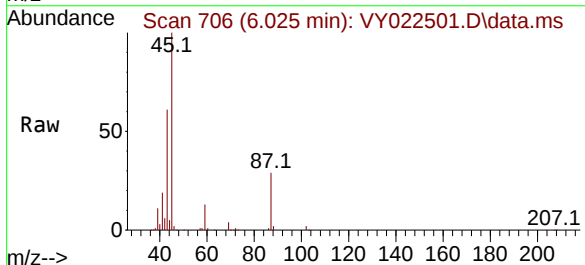
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

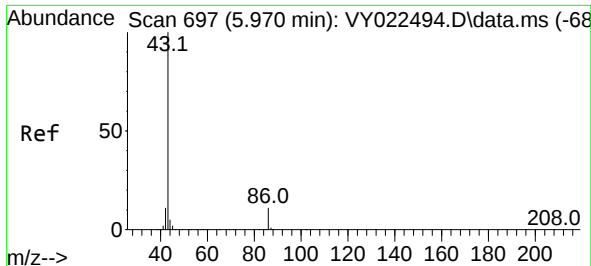
Tgt Ion: 96 Resp: 49067
Ion Ratio Lower Upper
96 100
61 133.4 112.6 169.0
98 65.2 50.6 75.8



#22
Diisopropyl ether
Concen: 21.233 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 45 Resp: 152651
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 29.2 23.0 34.6
59 12.5 9.4 14.0

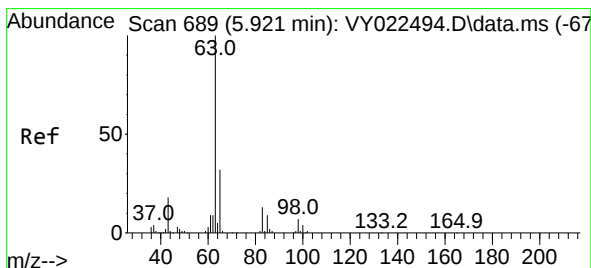
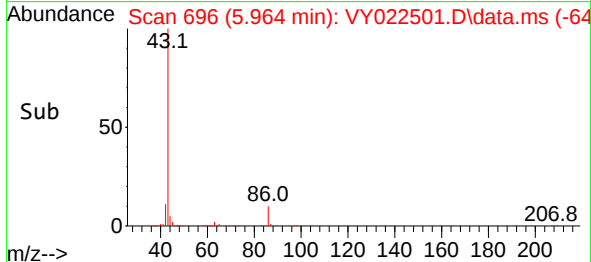
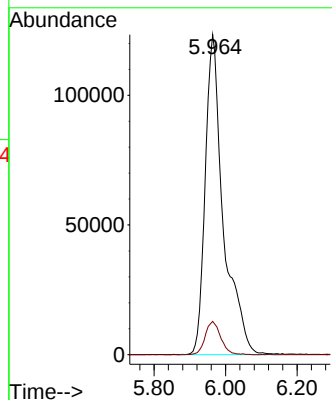
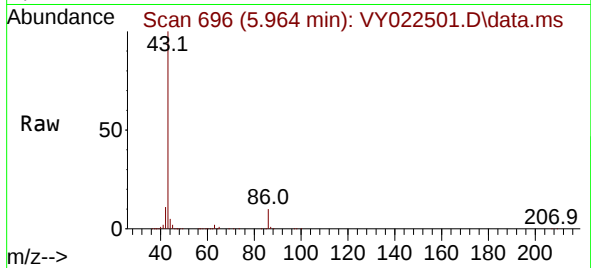




#23
 Vinyl Acetate
 Concen: 102.229 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

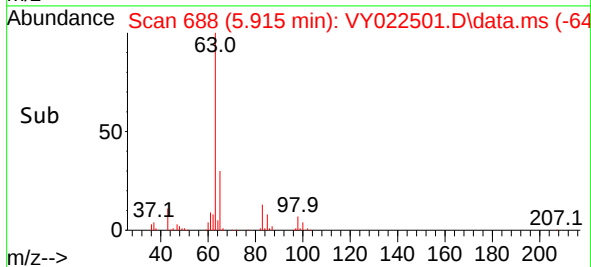
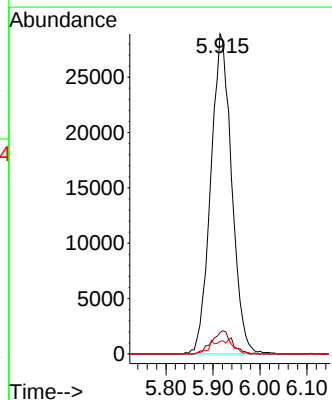
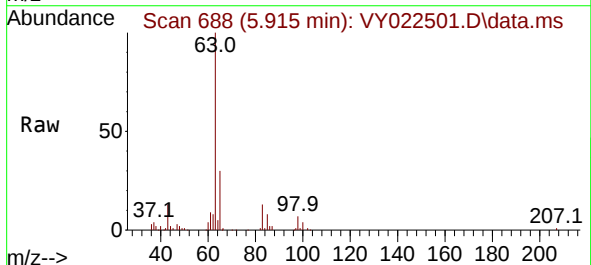
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Tgt Ion: 43 Resp: 435001
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.121 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

Tgt Ion: 63 Resp: 89454
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 104.448 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

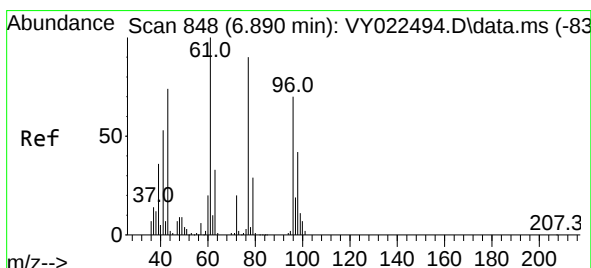
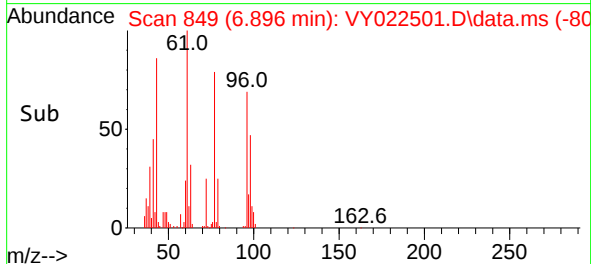
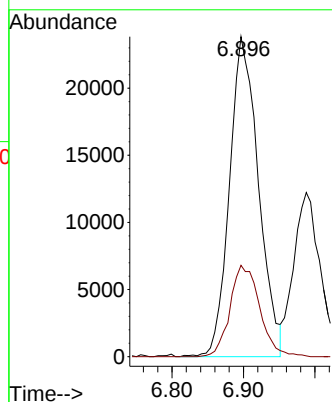
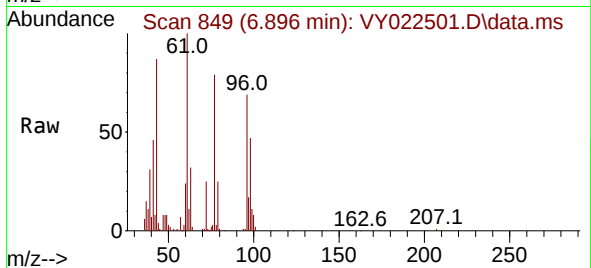
VY0602SBS01

Tgt Ion: 43 Resp: 67139

Ion Ratio Lower Upper

43 100

72 28.5 22.9 34.3



#26

2,2-Dichloropropane

Concen: 20.063 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022501.D

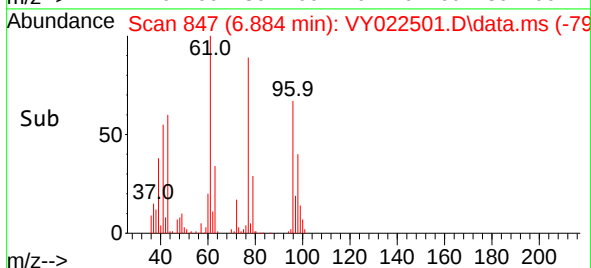
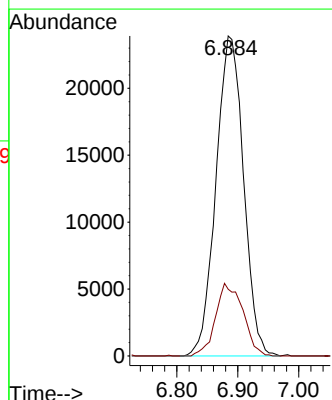
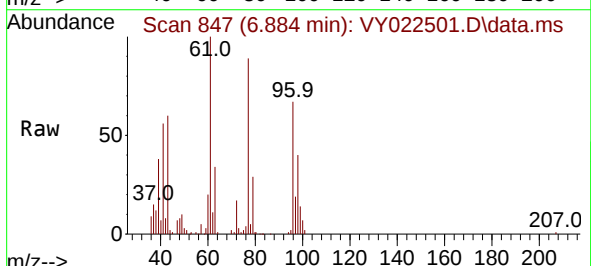
Acq: 02 Jun 2025 16:47

Tgt Ion: 77 Resp: 75078

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.863 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

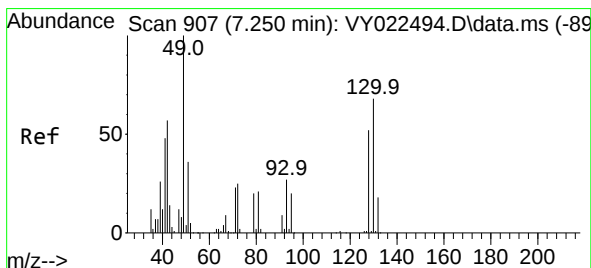
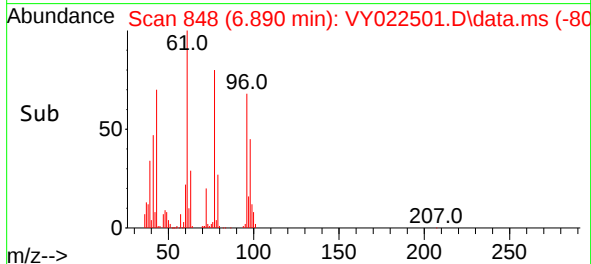
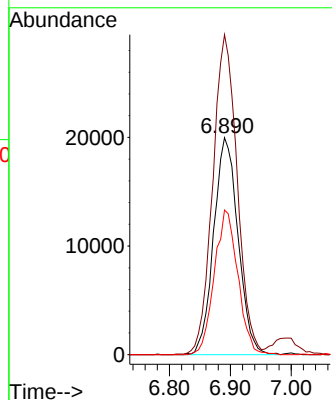
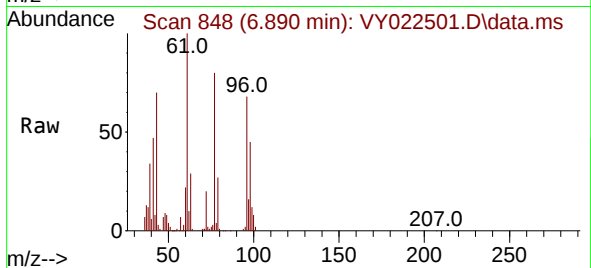
Tgt Ion: 96 Resp: 55528

Ion Ratio Lower Upper

96 100

61 147.6 0.0 290.0

98 64.4 0.0 128.4



#28

Bromochloromethane

Concen: 19.737 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

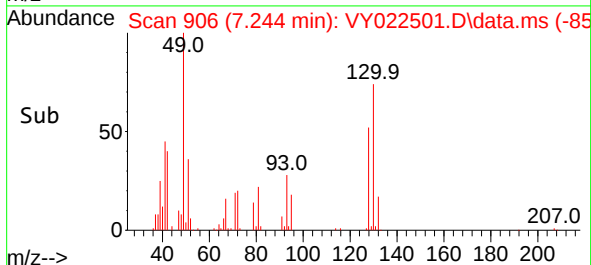
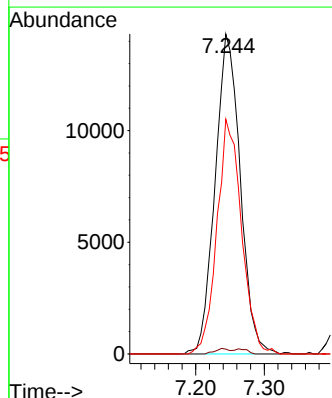
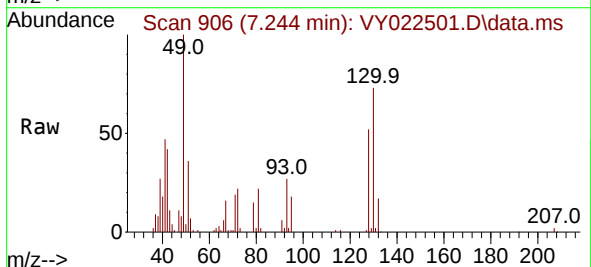
Tgt Ion: 49 Resp: 36439

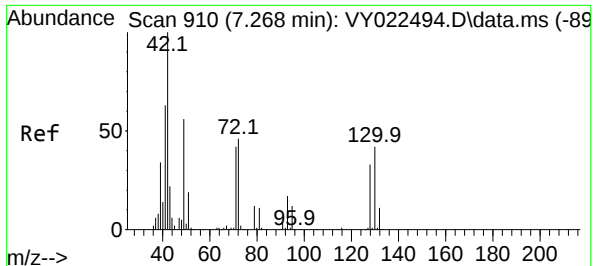
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.6

130 71.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 105.541 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

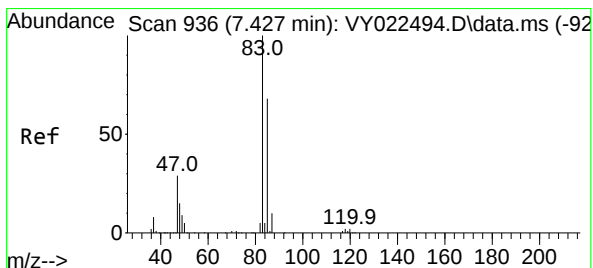
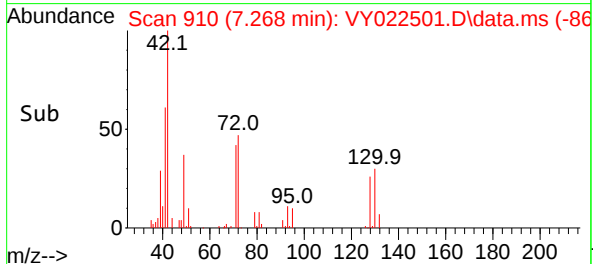
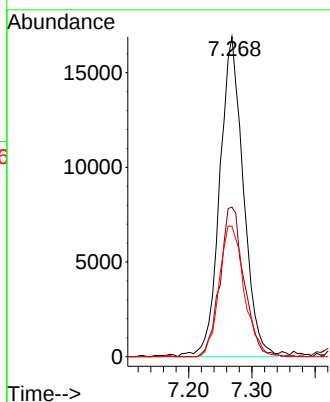
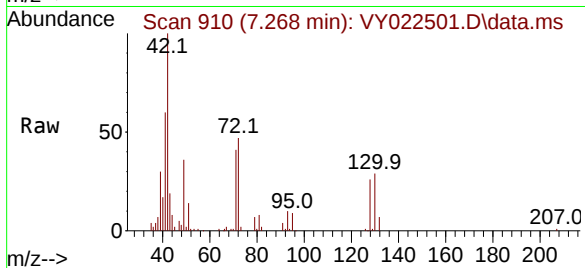
Tgt Ion: 42 Resp: 43756

Ion Ratio Lower Upper

42 100

72 47.6 37.4 56.2

71 43.4 34.2 51.2



#30

Chloroform

Concen: 21.012 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022501.D

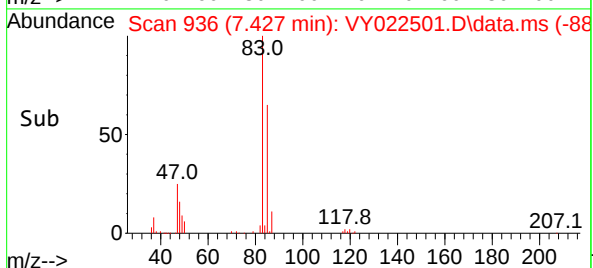
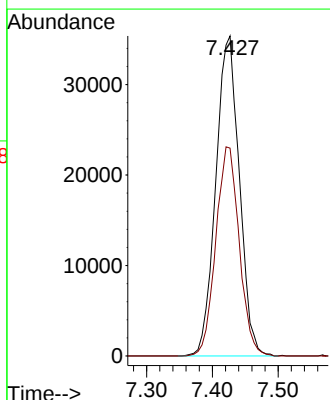
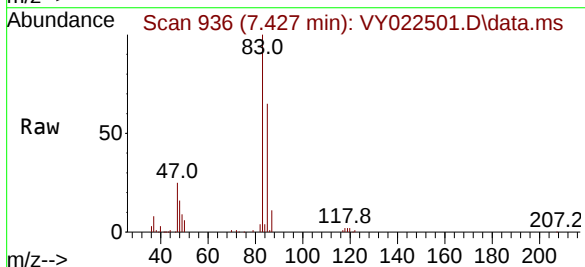
Acq: 02 Jun 2025 16:47

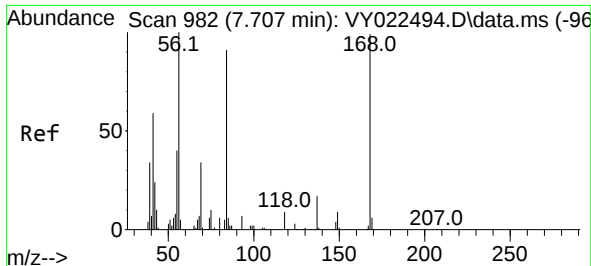
Tgt Ion: 83 Resp: 88147

Ion Ratio Lower Upper

83 100

85 65.0 54.2 81.4

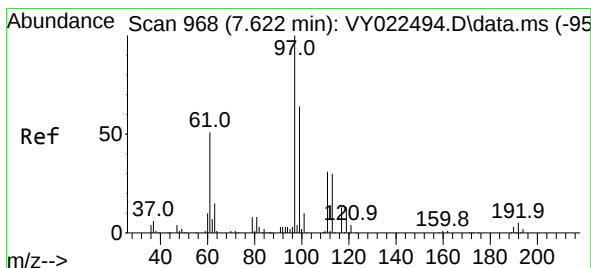
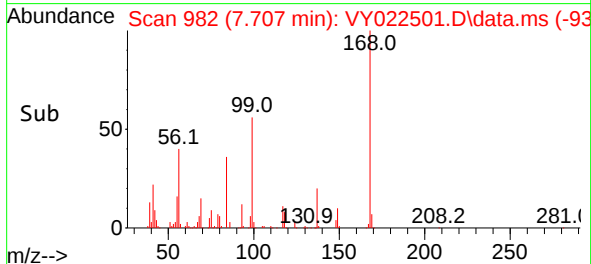
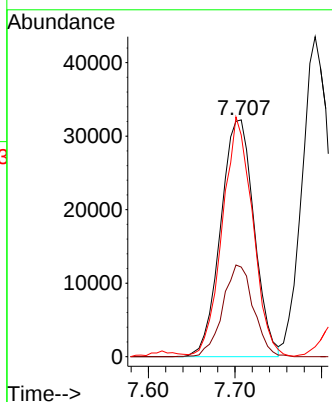
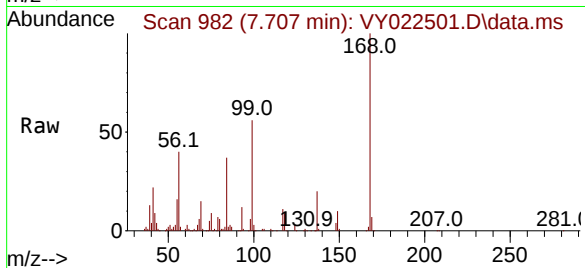




#31
Cyclohexane
Concen: 20.509 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

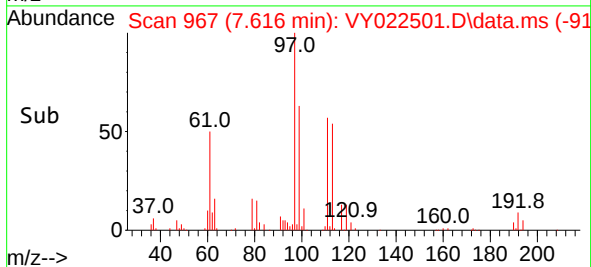
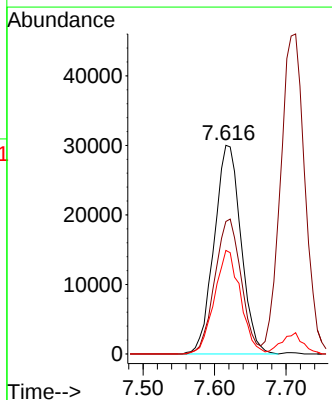
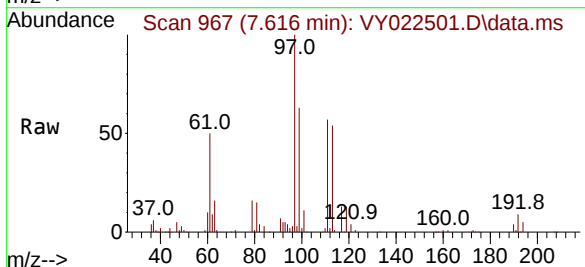
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tgt Ion:	56	Resp:	86476
Ion	Ratio	Lower	Upper
56	100		
69	37.6	27.0	40.6
84	92.3	72.6	109.0



#32
1,1,1-Trichloroethane
Concen: 20.983 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:	97	Resp:	78140
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	48.3	38.5	57.7

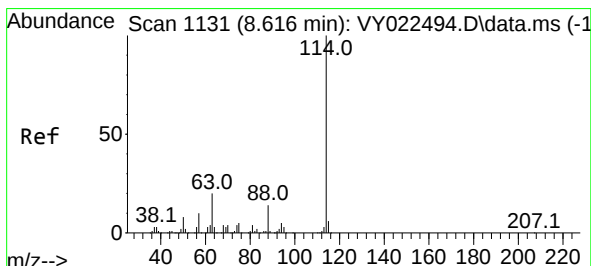
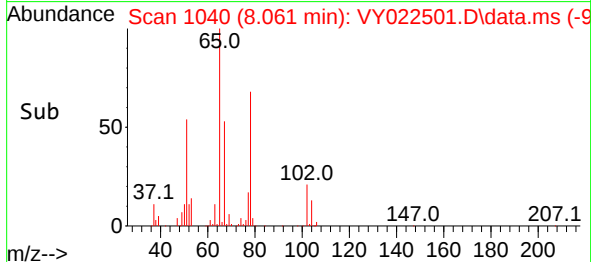
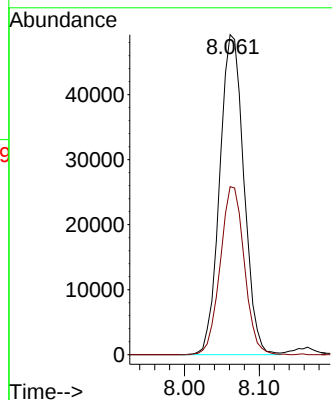
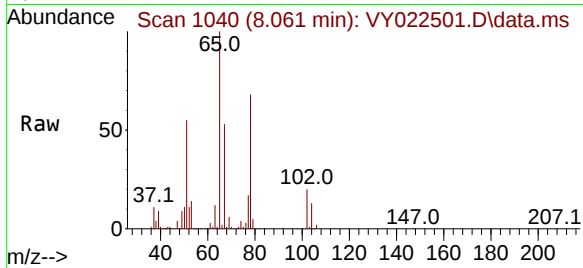




#33
 1,2-Dichloroethane-d4
 Concen: 50.482 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

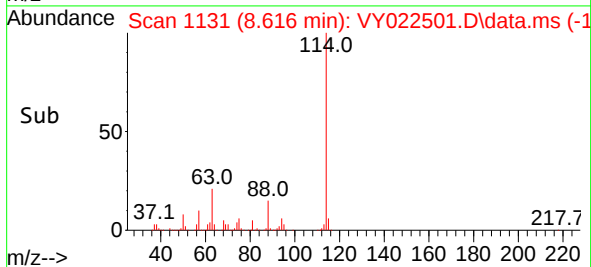
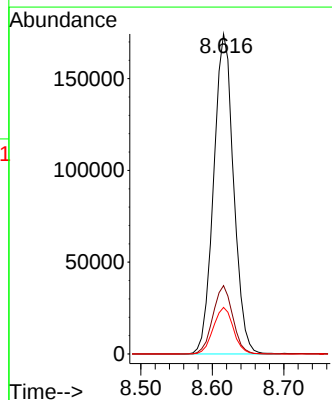
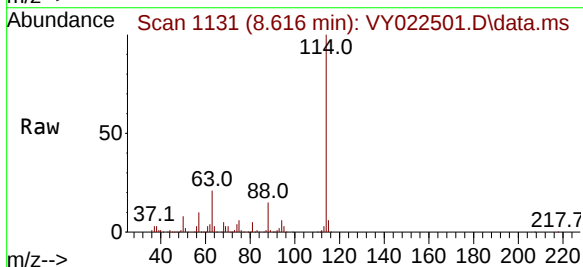
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

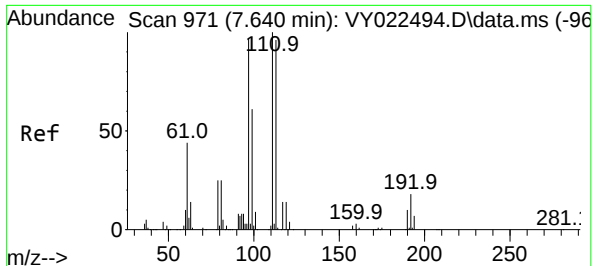
Tgt Ion: 65 Resp: 110773
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

Tgt Ion: 114 Resp: 338031
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 14.5 0.0 27.8





#35

Dibromofluoromethane

Concen: 48.841 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

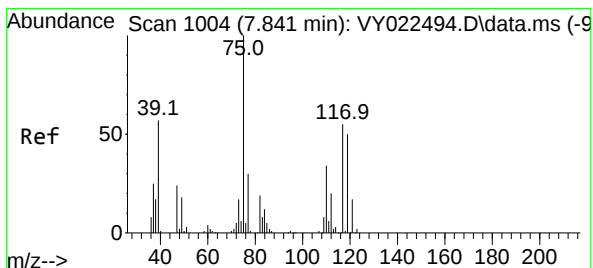
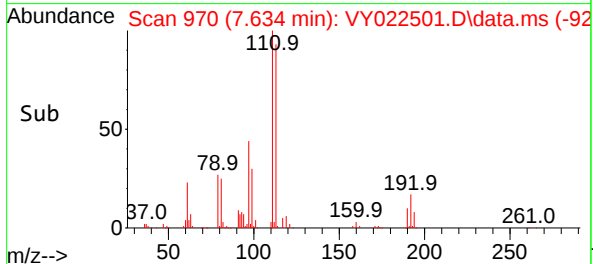
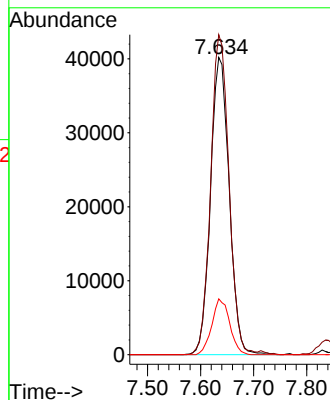
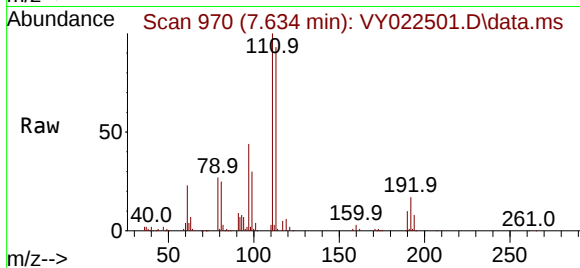
Tgt Ion:113 Resp: 98543

Ion Ratio Lower Upper

113 100

111 105.1 81.1 121.7

192 18.0 14.2 21.2



#36

1,1-Dichloropropene

Concen: 20.093 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

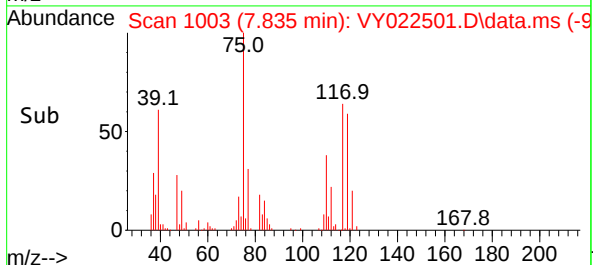
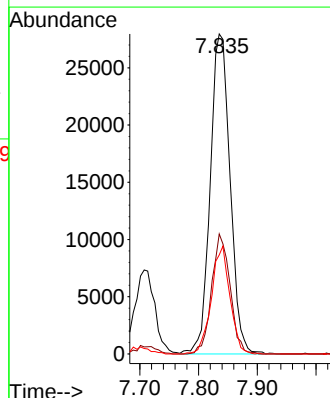
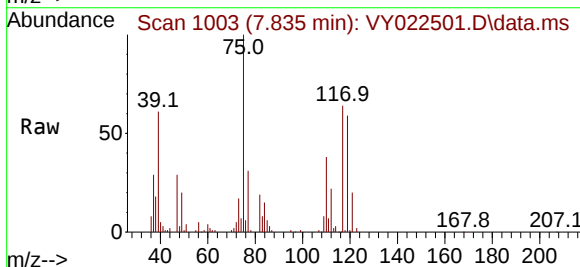
Tgt Ion: 75 Resp: 65798

Ion Ratio Lower Upper

75 100

110 34.8 16.9 50.7

77 31.5 24.8 37.2

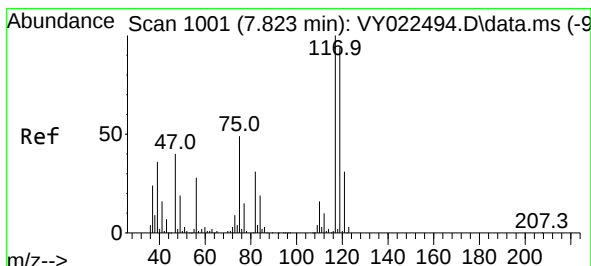
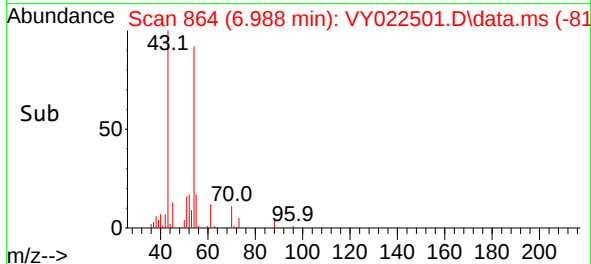
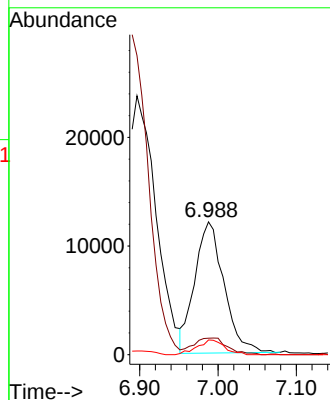
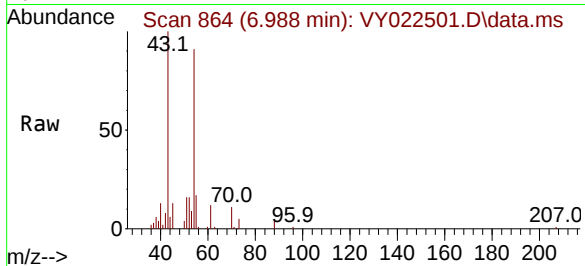




#37
Ethyl Acetate
Concen: 21.449 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

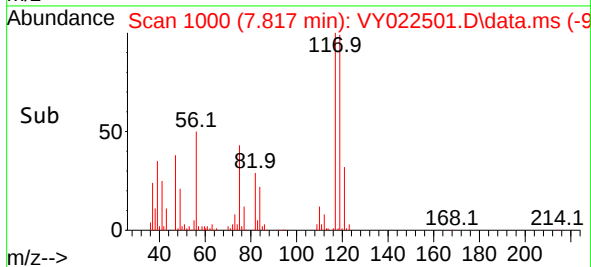
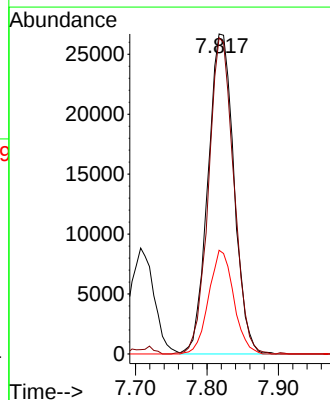
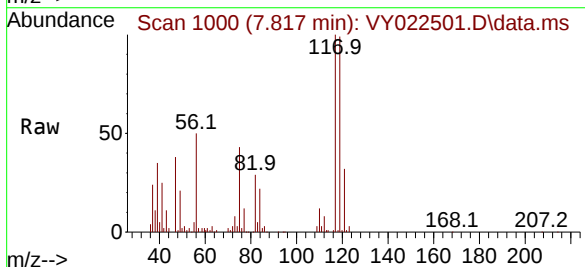
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

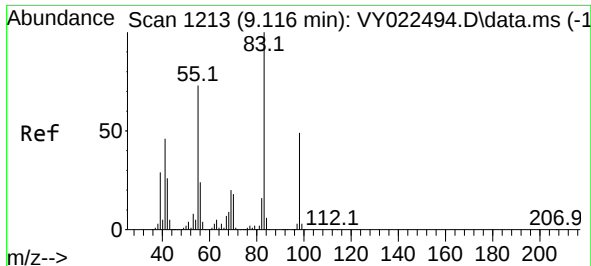
Tgt Ion: 43 Resp: 31322
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 10.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.059 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 117 Resp: 67385
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.6
121 32.4 25.0 37.4

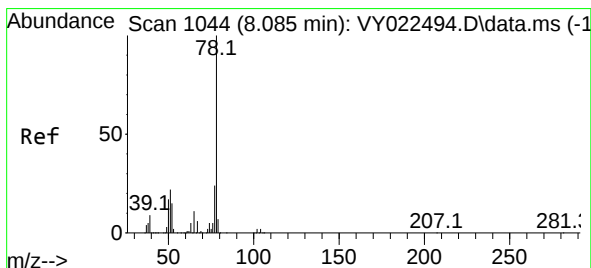
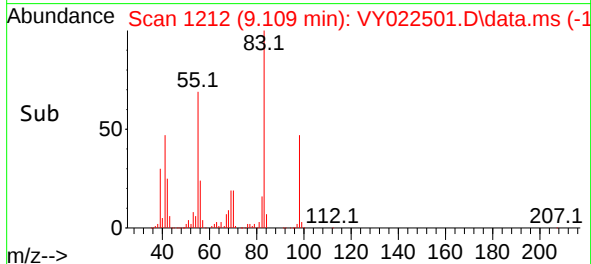
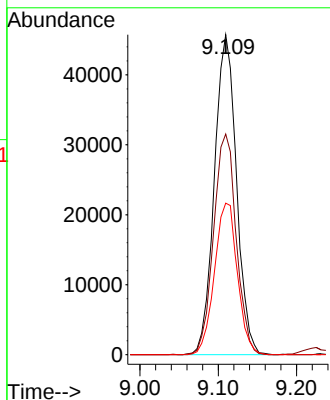
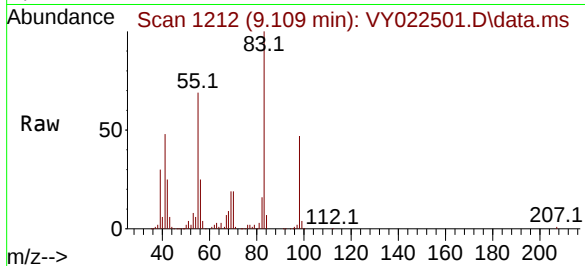




#39
Methylcyclohexane
Concen: 20.380 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

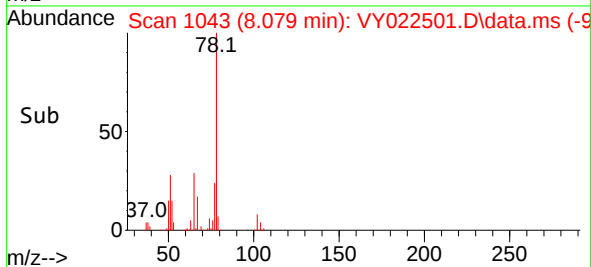
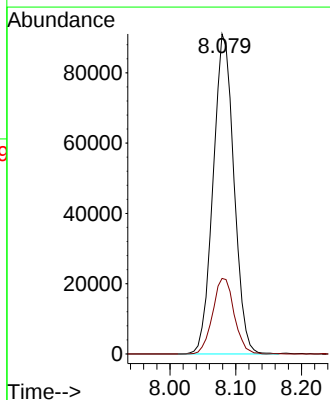
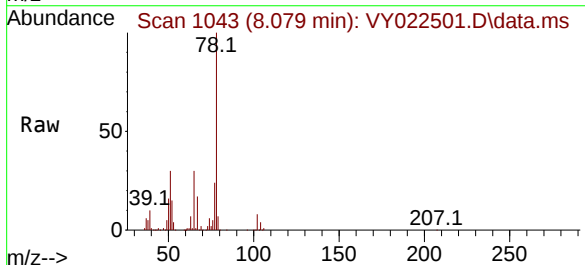
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

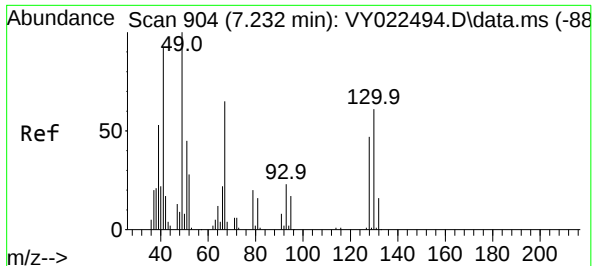
Tgt Ion: 83 Resp: 89683
Ion Ratio Lower Upper
83 100
55 68.9 58.1 87.1
98 47.4 39.0 58.6



#40
Benzene
Concen: 20.732 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 78 Resp: 200517
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

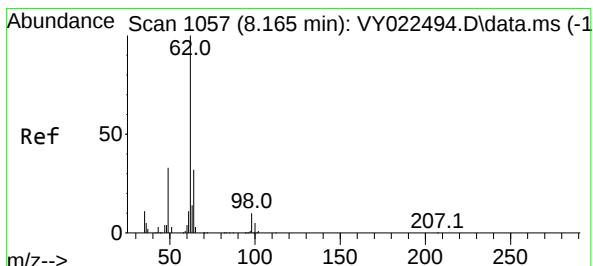
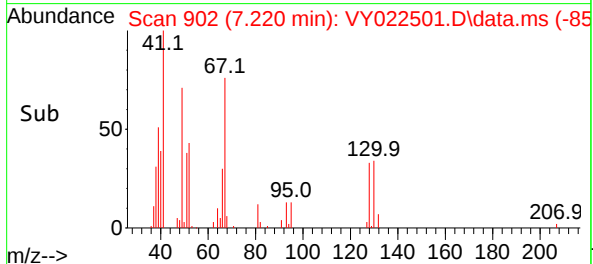
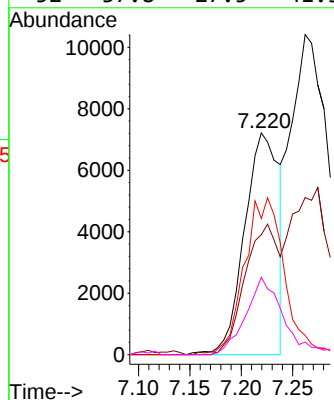
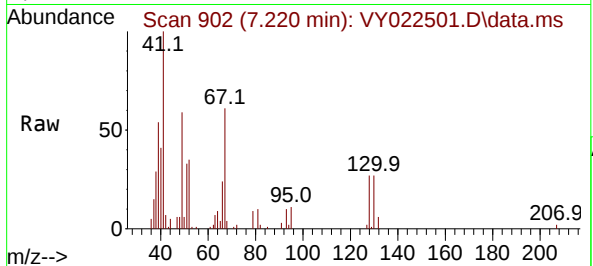




#41
Methacrylonitrile
Concen: 19.698 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

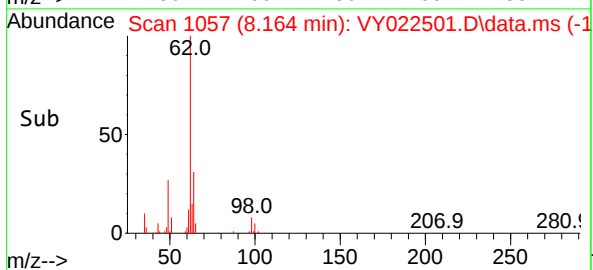
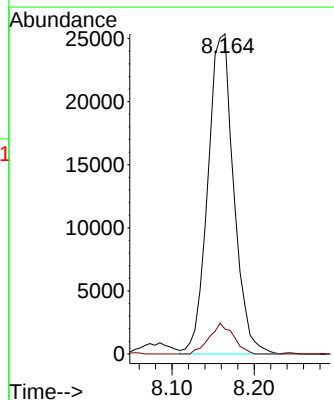
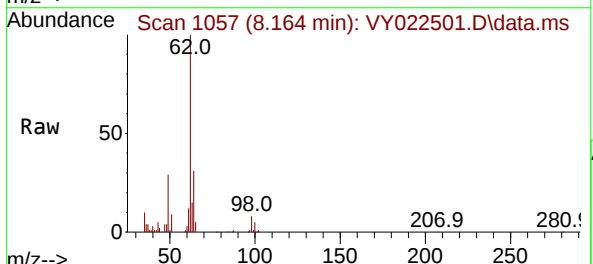
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

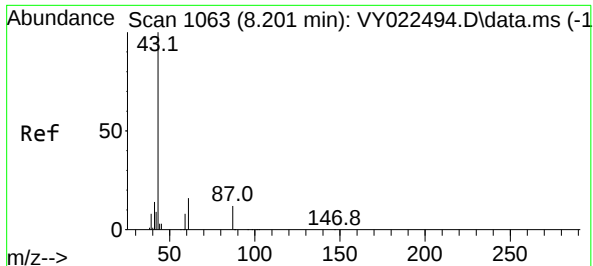
Tgt Ion: 41 Resp: 16802
Ion Ratio Lower Upper
41 100
39 57.9 46.6 69.8
67 81.7 63.3 94.9
52 37.8 27.5 41.3



#42
1,2-Dichloroethane
Concen: 20.999 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 62 Resp: 55456
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.2

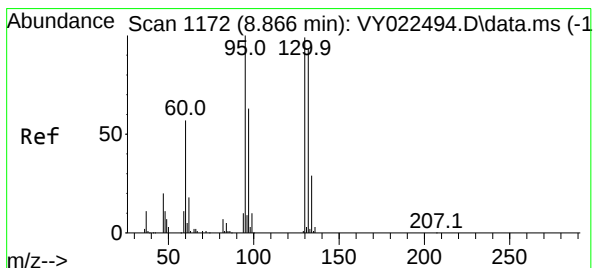
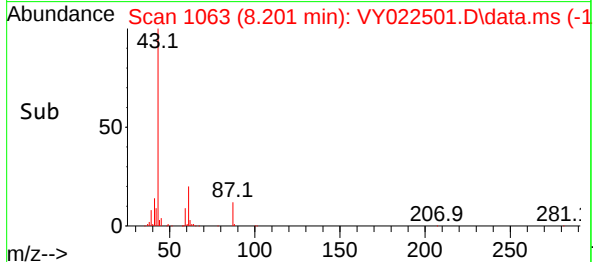
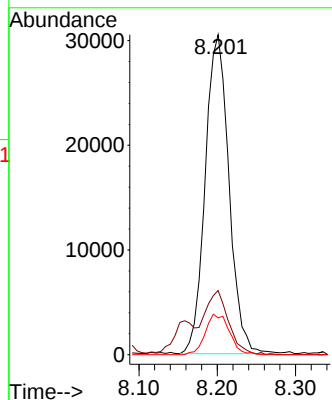
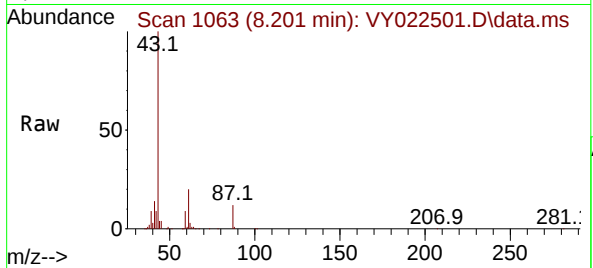




#43
Isopropyl Acetate
Concen: 20.394 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

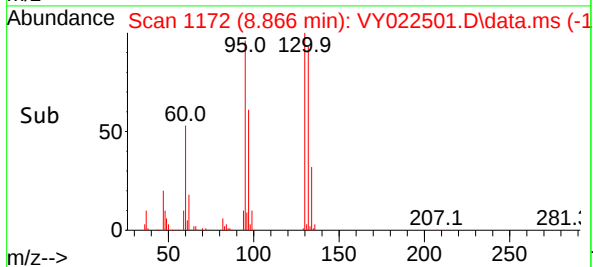
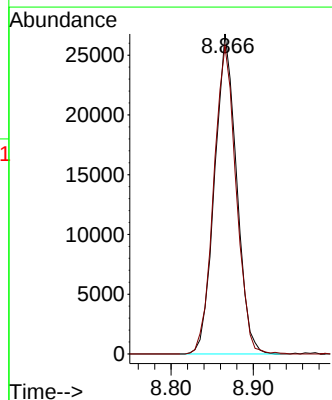
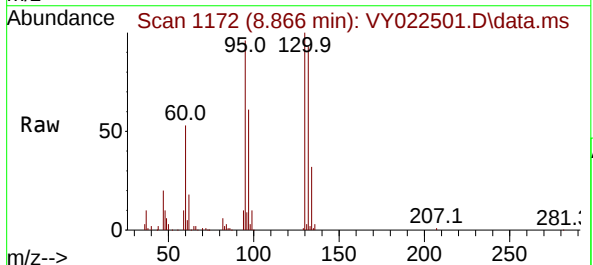
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

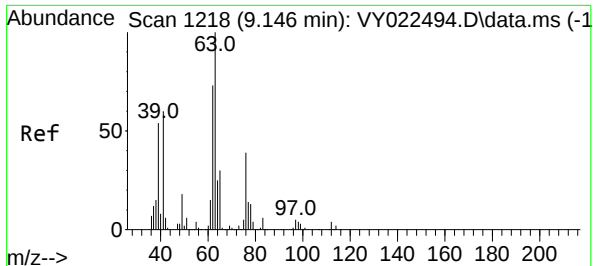
Tgt Ion: 43 Resp: 64322
Ion Ratio Lower Upper
43 100
61 20.6 15.6 23.4
87 12.9 10.2 15.4



#44
Trichloroethene
Concen: 21.018 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:130 Resp: 49684
Ion Ratio Lower Upper
130 100
95 96.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.001 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

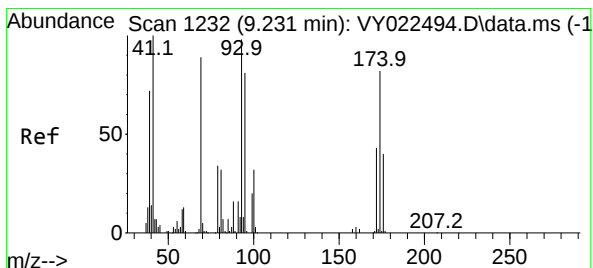
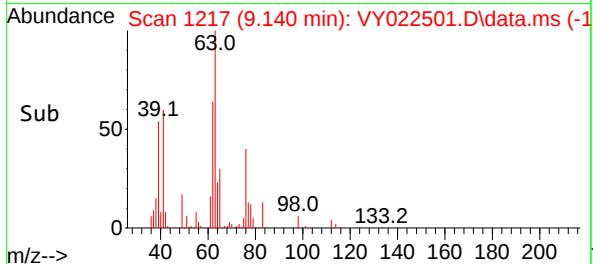
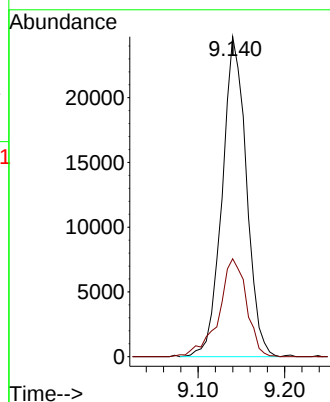
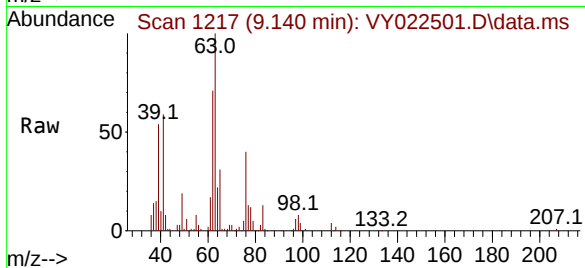
VY0602SBS01

Tgt Ion: 63 Resp: 48003

Ion Ratio Lower Upper

63 100

65 30.6 24.0 36.0



#46

Dibromomethane

Concen: 20.790 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

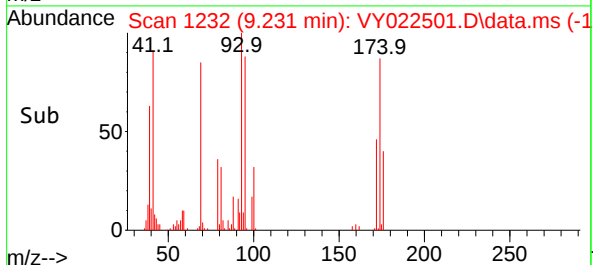
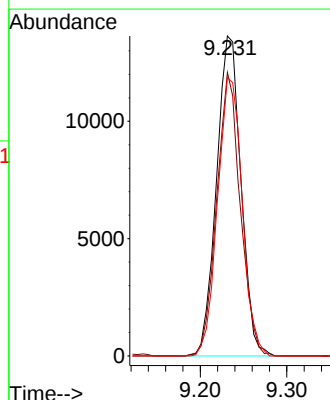
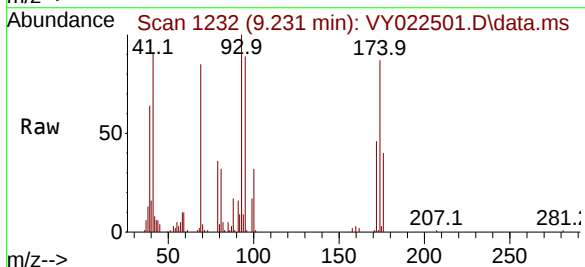
Tgt Ion: 93 Resp: 26735

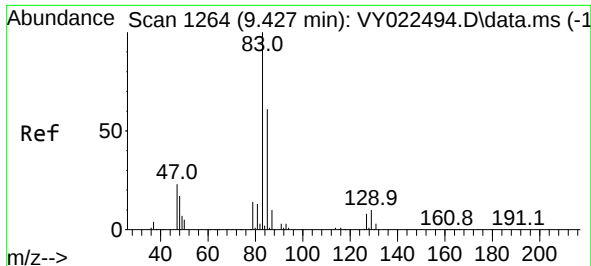
Ion Ratio Lower Upper

93 100

95 85.4 65.6 98.4

174 87.4 70.4 105.6

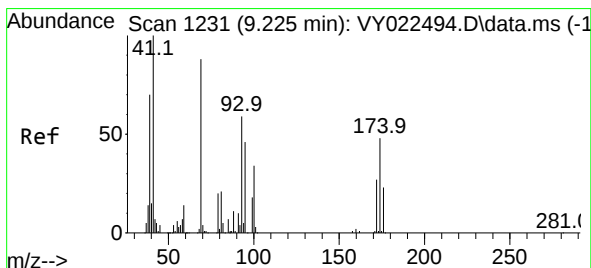
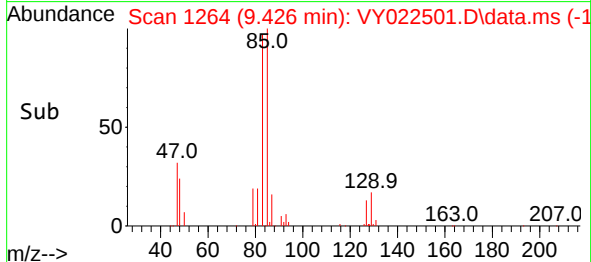
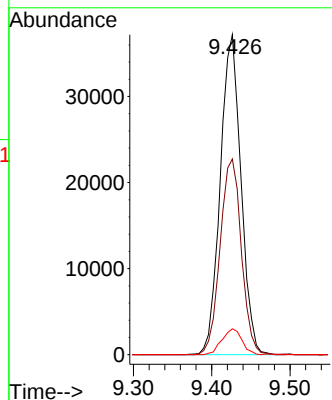
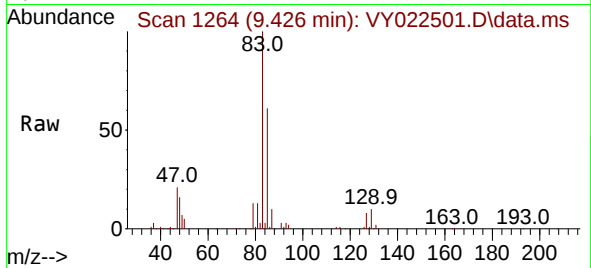




#47
Bromodichloromethane
Concen: 20.961 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

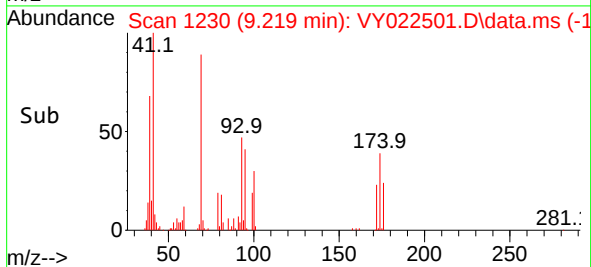
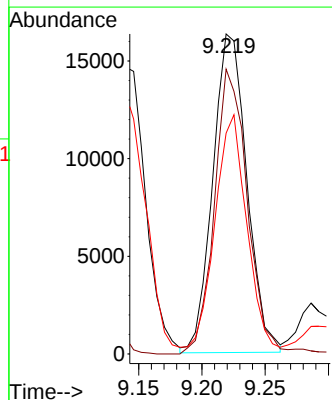
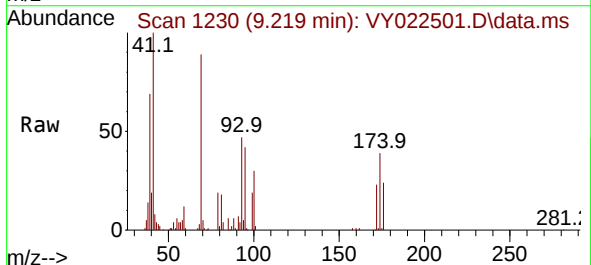
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

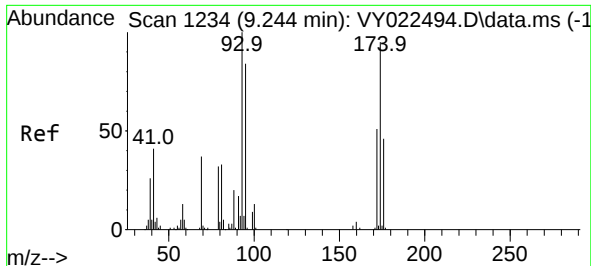
Tgt Ion: 83 Resp: 68349
Ion Ratio Lower Upper
83 100
85 61.1 49.1 73.7
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 20.686 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 41 Resp: 30620
Ion Ratio Lower Upper
41 100
69 86.8 67.8 101.8
39 67.1 55.0 82.4





#49

1,4-Dioxane

Concen: 437.419 ug/l

RT: 9.237 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

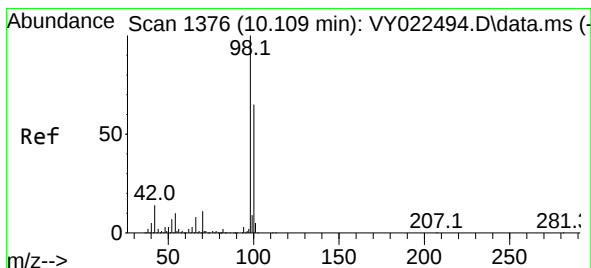
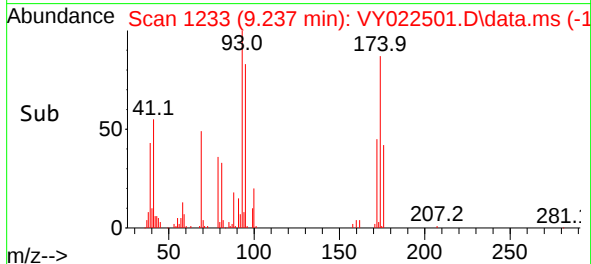
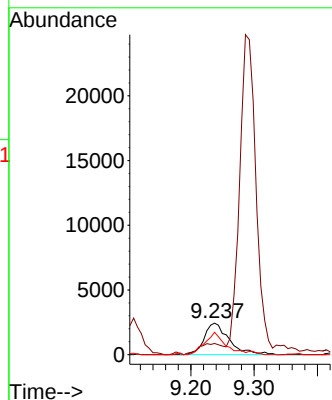
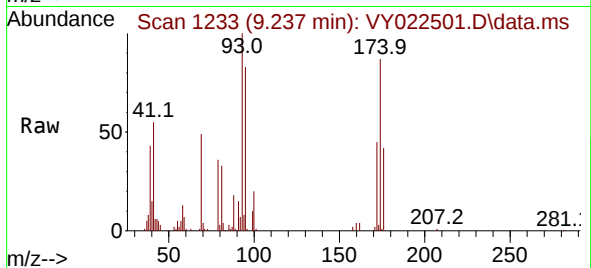
Tgt Ion: 88 Resp: 6664

Ion Ratio Lower Upper

88 100

43 35.4 25.4 38.2

58 61.9 54.9 82.3



#50

Toluene-d8

Concen: 49.045 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022501.D

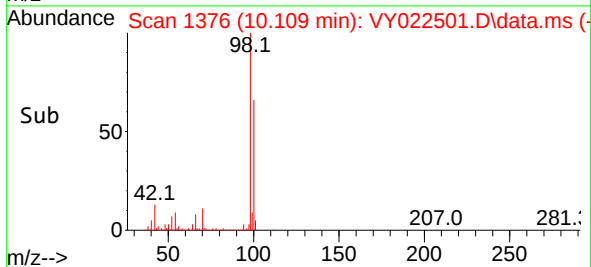
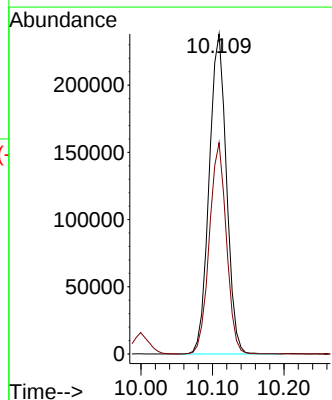
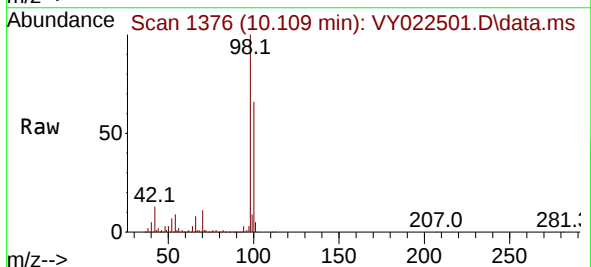
Acq: 02 Jun 2025 16:47

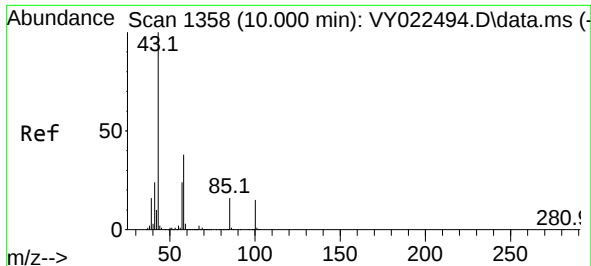
Tgt Ion: 98 Resp: 399844

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

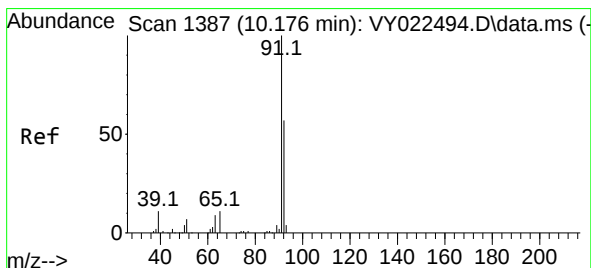
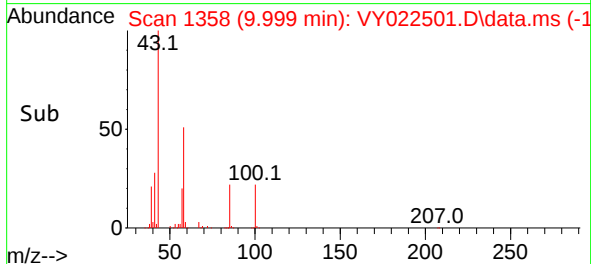
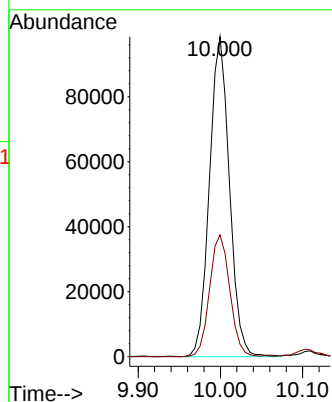
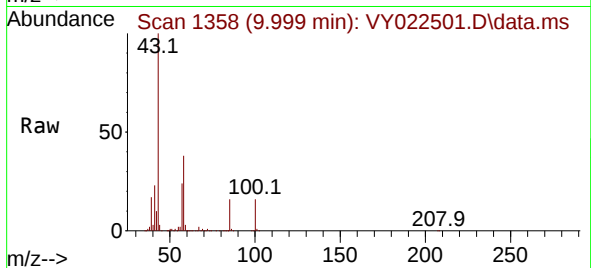




#51
4-Methyl-2-Pentanone
Concen: 105.833 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

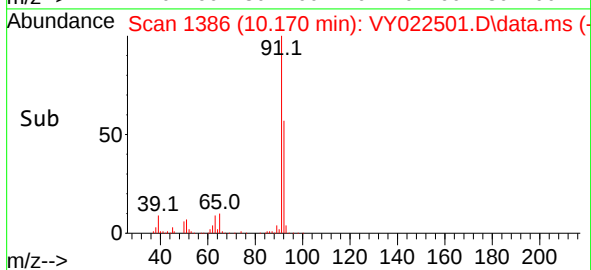
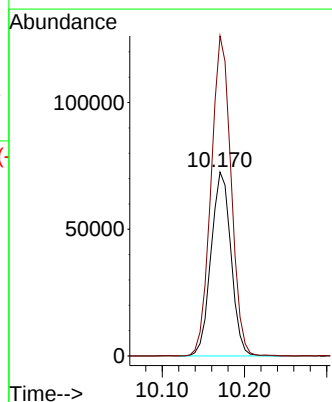
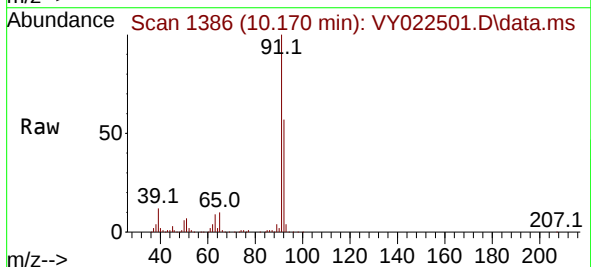
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

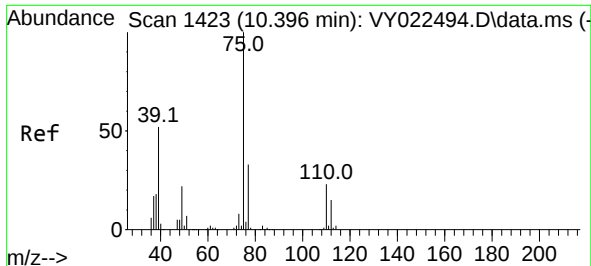
Tgt Ion: 43 Resp: 166415
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6



#52
Toluene
Concen: 20.120 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 92 Resp: 122294
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.4

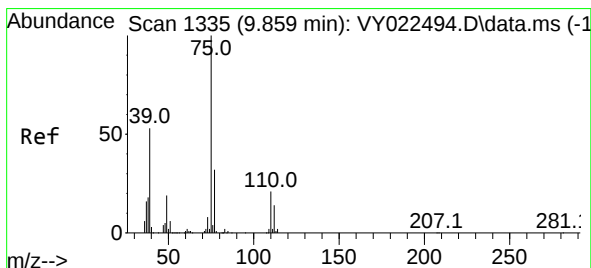
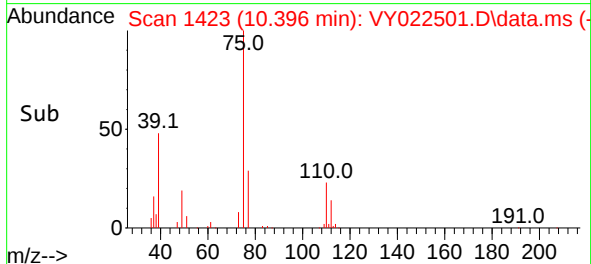
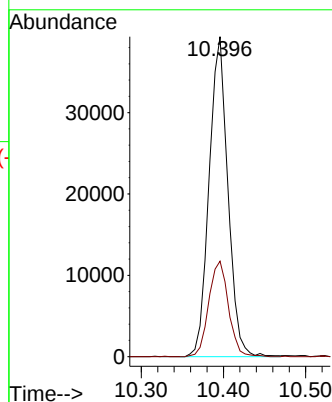
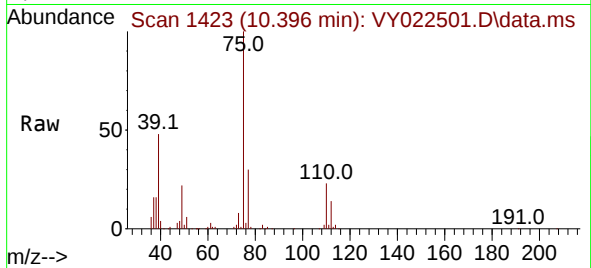




#53
t-1,3-Dichloropropene
Concen: 20.479 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

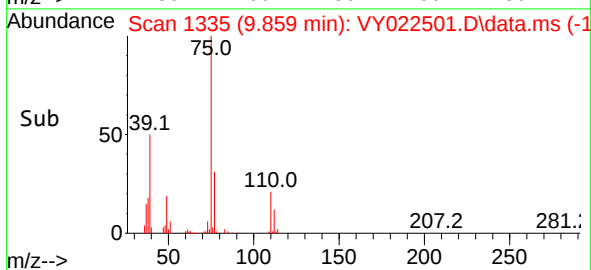
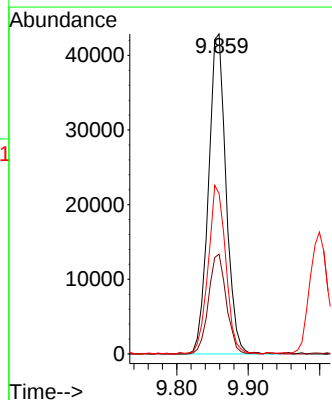
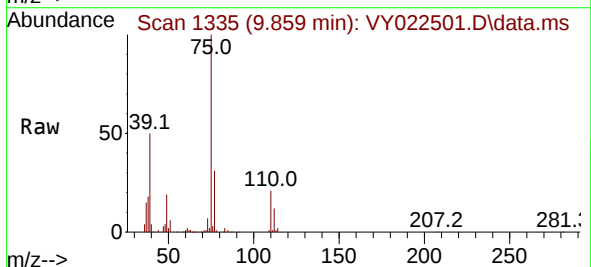
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

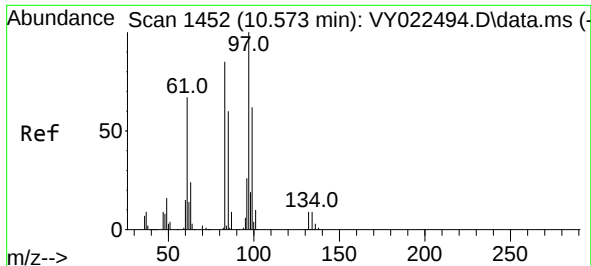
Tgt Ion: 75 Resp: 62566
Ion Ratio Lower Upper
75 100
77 29.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.546 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 75 Resp: 73072
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 49.8 42.7 64.1

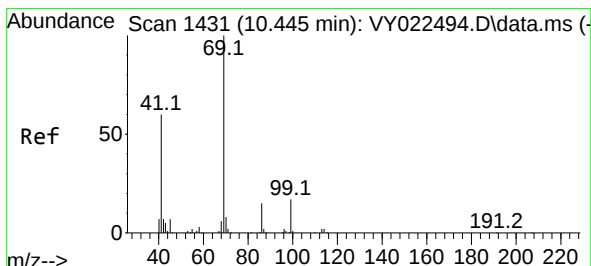
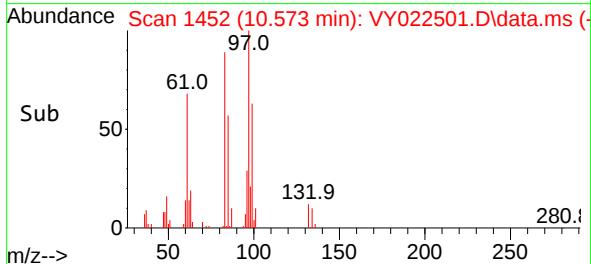
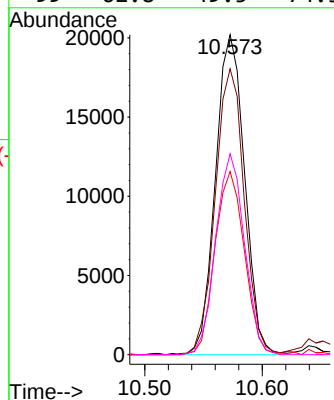
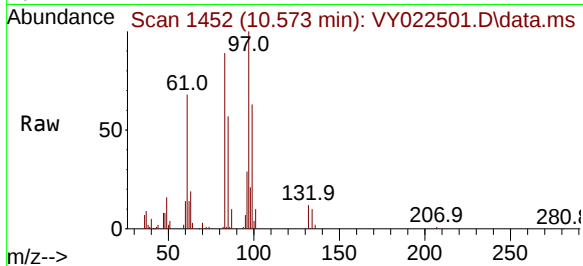




#55
1,1,2-Trichloroethane
Concen: 21.201 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

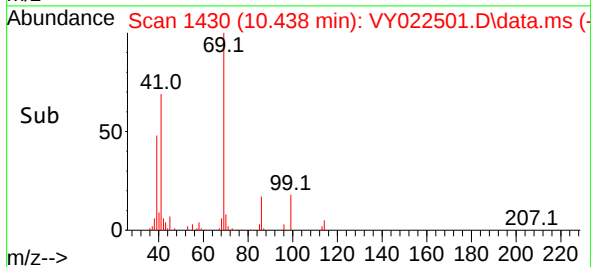
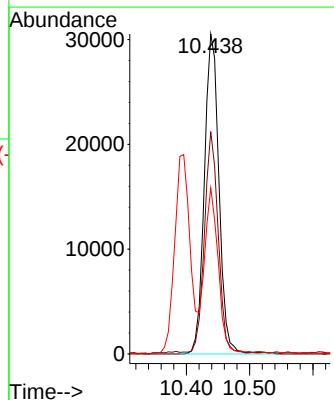
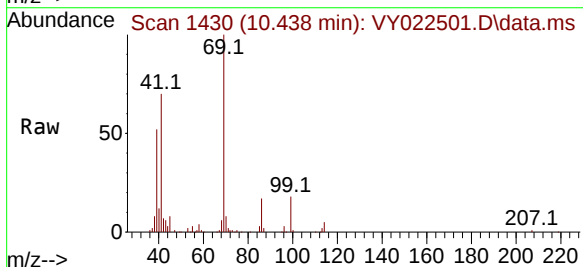
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

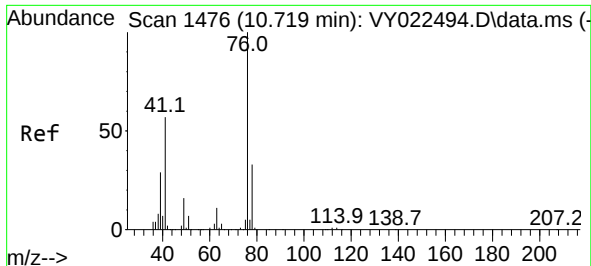
Tgt Ion: 97	Resp: 34764
Ion Ratio	Lower Upper
97 100	
83 89.0	68.1 102.1
85 57.3	48.2 72.2
99 62.8	49.5 74.3



#56
Ethyl methacrylate
Concen: 20.746 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 69	Resp: 49167
Ion Ratio	Lower Upper
69 100	
41 64.6	52.2 78.2
39 47.0	36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.838 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

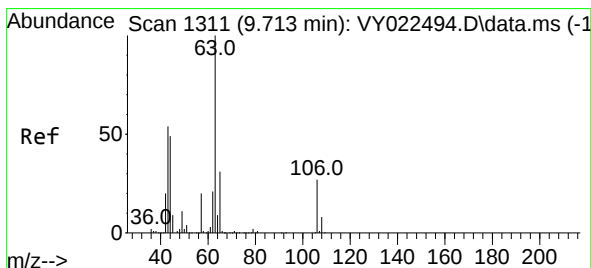
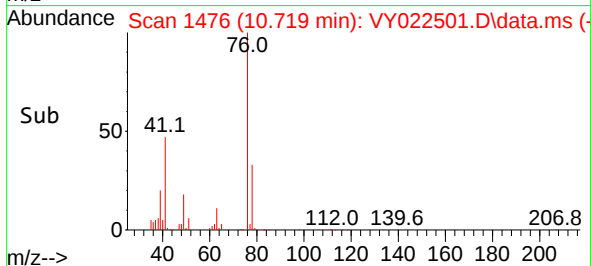
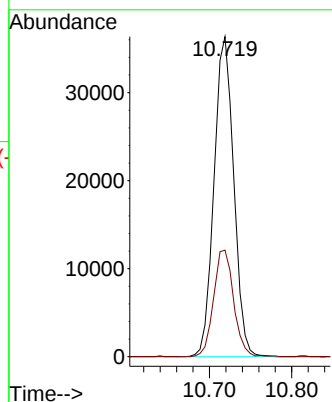
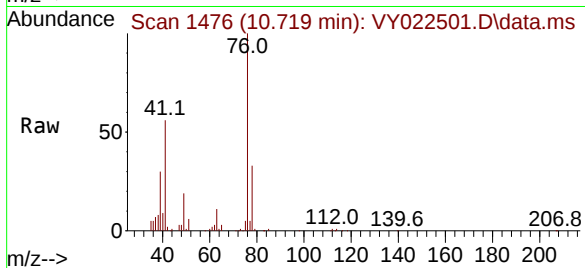
VY0602SBSD01

Tgt Ion: 76 Resp: 60562

Ion Ratio Lower Upper

76 100

78 34.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.995 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022501.D

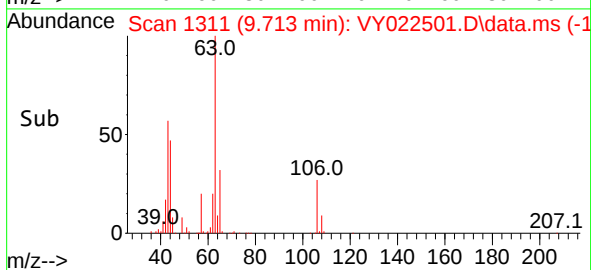
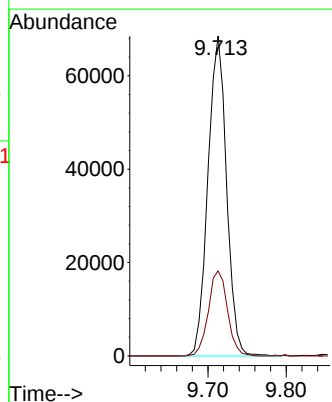
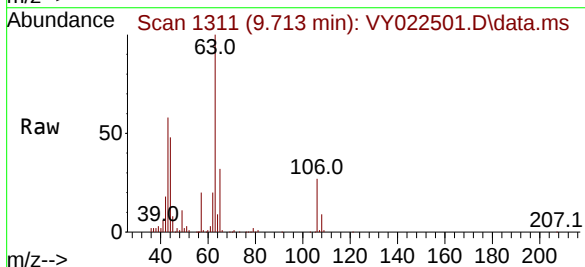
Acq: 02 Jun 2025 16:47

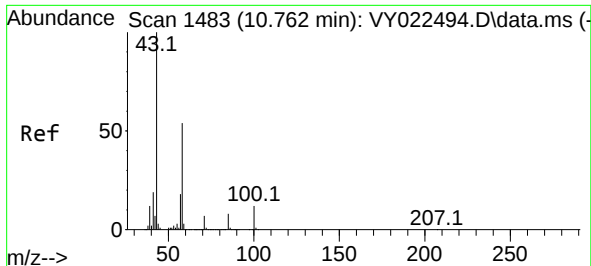
Tgt Ion: 63 Resp: 112978

Ion Ratio Lower Upper

63 100

106 27.3 21.6 32.4

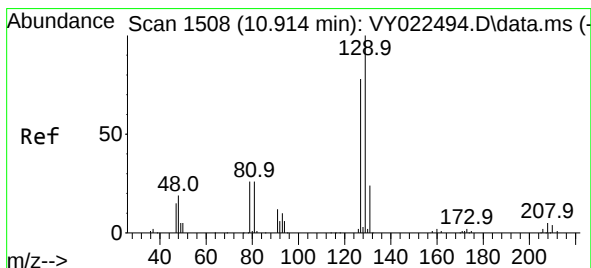
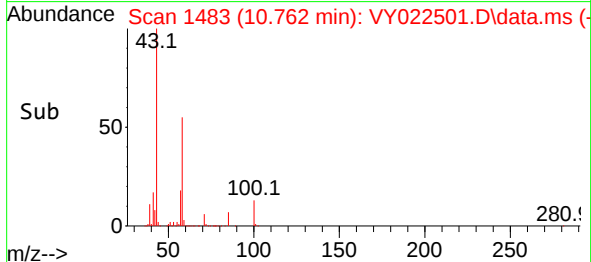
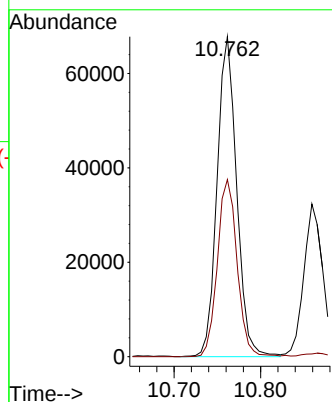
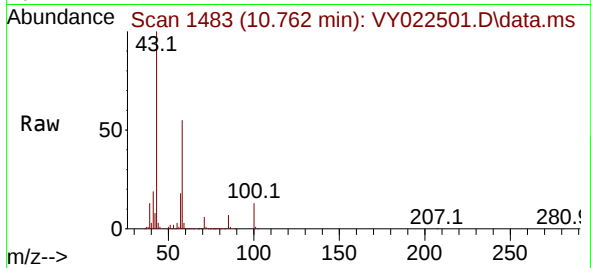




#59
2-Hexanone
Concen: 101.197 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

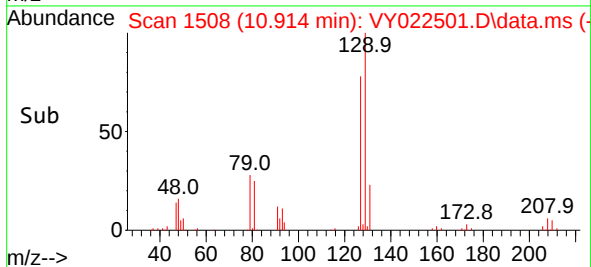
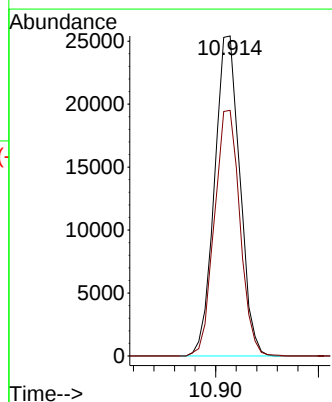
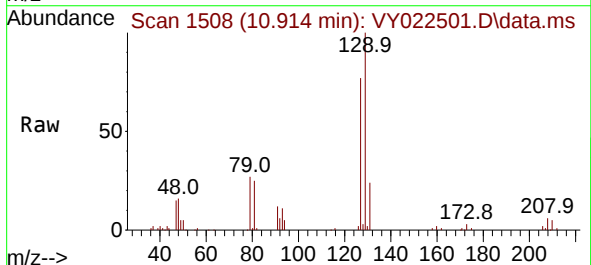
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

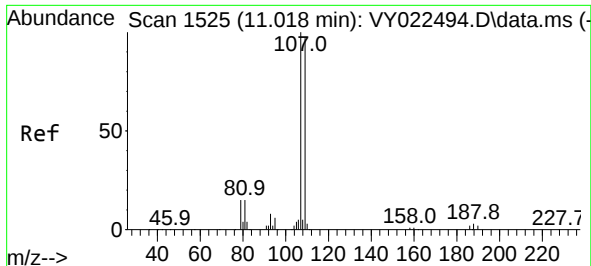
Tgt Ion: 43 Resp: 106422
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 20.846 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 129 Resp: 43440
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2

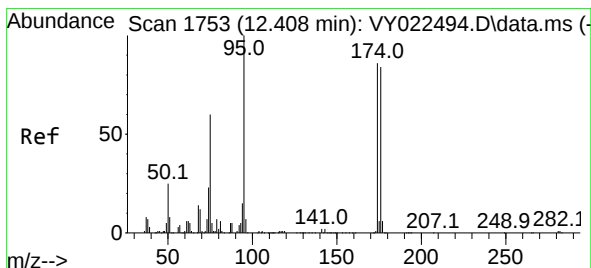
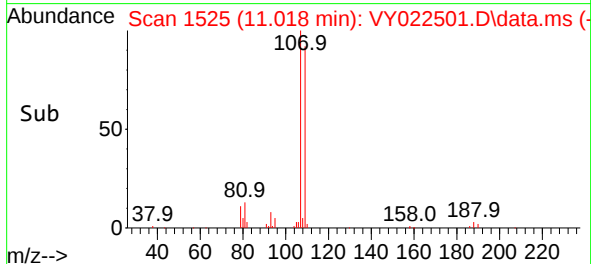
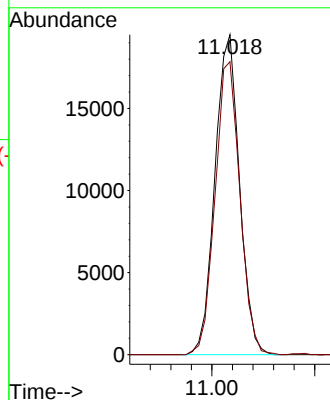
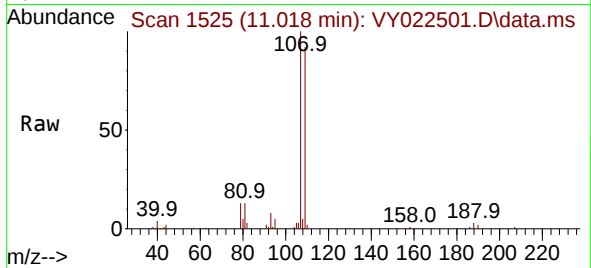




#61
1,2-Dibromoethane
Concen: 21.574 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

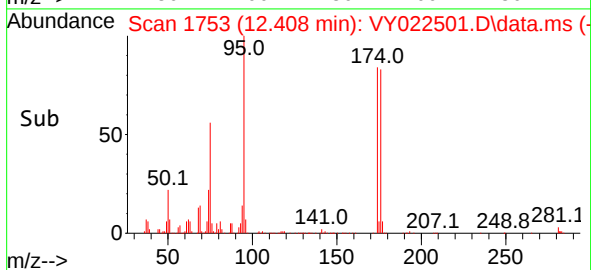
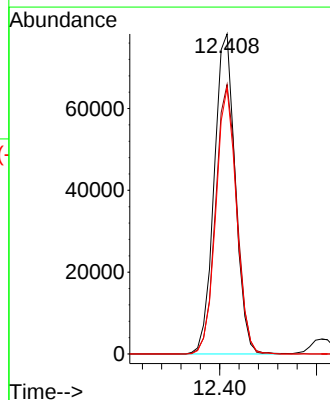
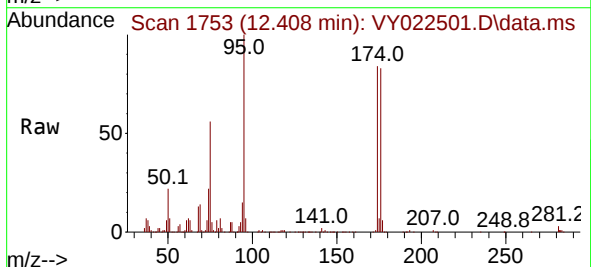
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

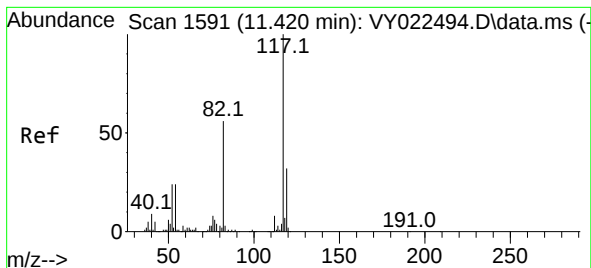
Tgt Ion:107 Resp: 32243
Ion Ratio Lower Upper
107 100
109 92.9 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 95 Resp: 118036
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.0
176 81.6 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

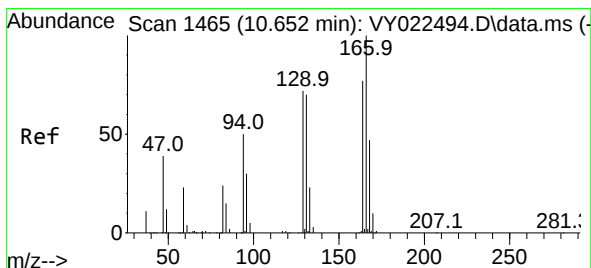
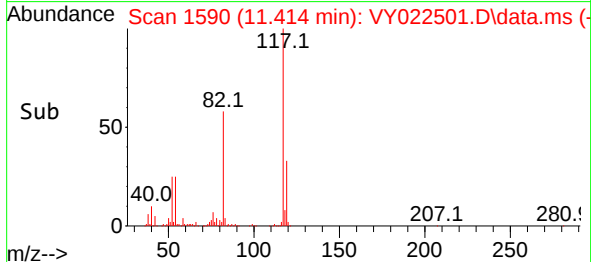
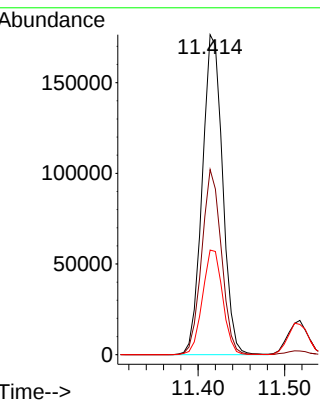
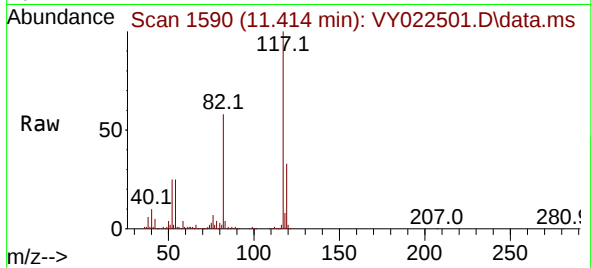
Tgt Ion:117 Resp: 287481

Ion Ratio Lower Upper

117 100

82 57.9 44.6 66.8

119 32.7 25.4 38.0



#64

Tetrachloroethene

Concen: 20.793 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Tgt Ion:164 Resp: 51419

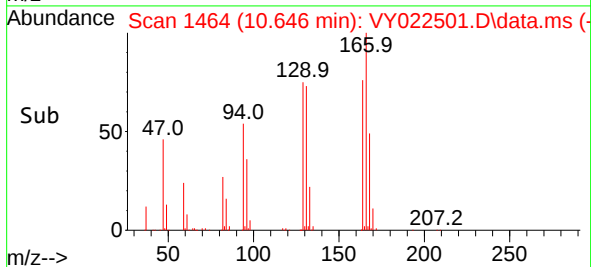
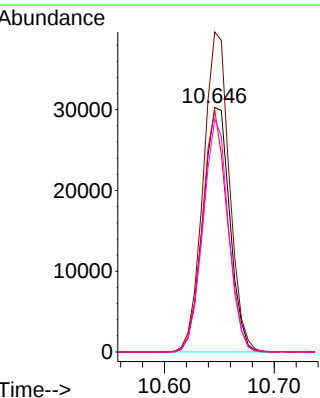
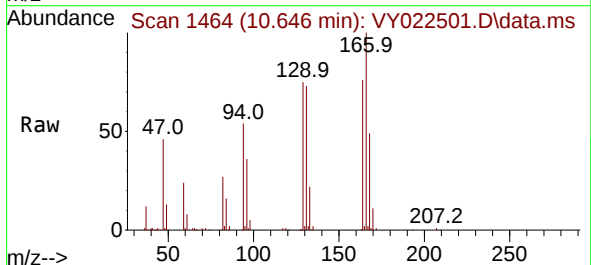
Ion Ratio Lower Upper

164 100

166 130.9 104.0 156.0

129 98.7 74.5 111.7

131 95.2 72.3 108.5

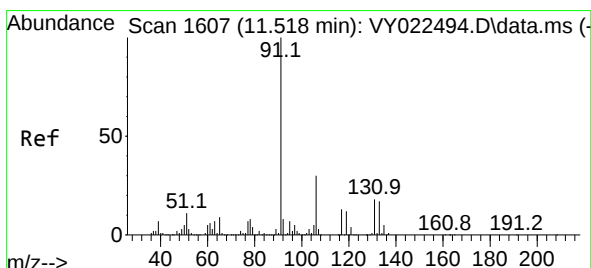
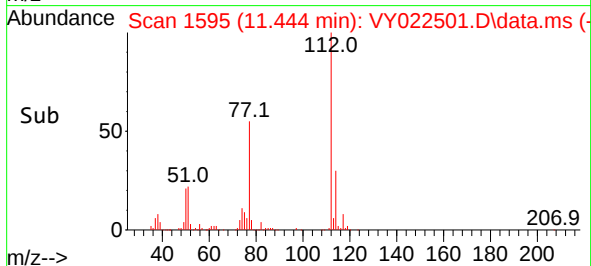
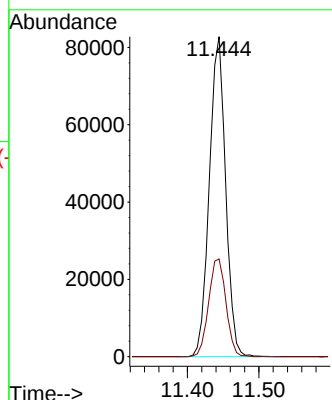
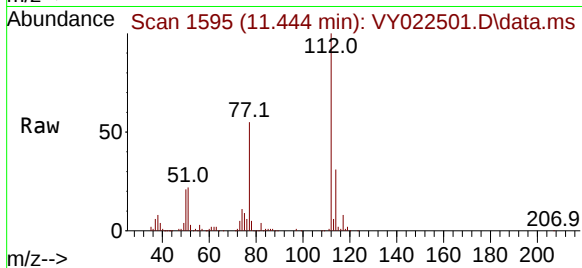




#65
Chlorobenzene
Concen: 20.546 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

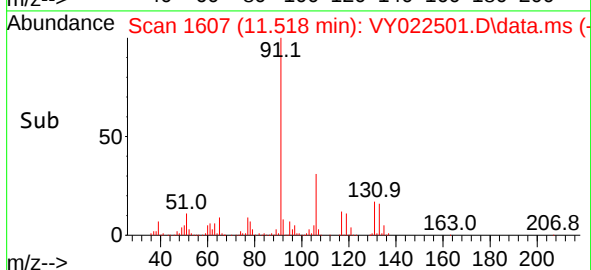
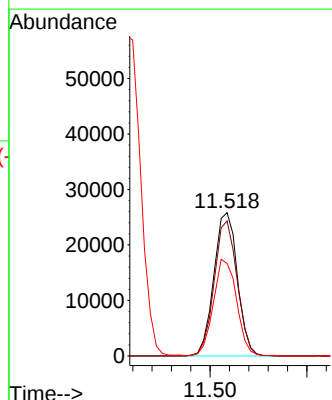
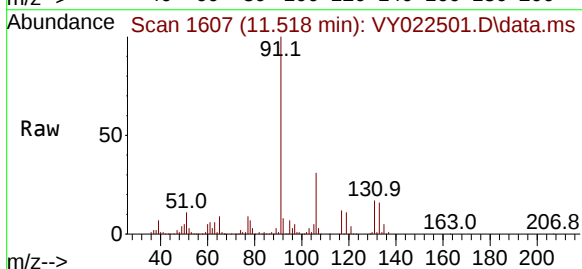
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

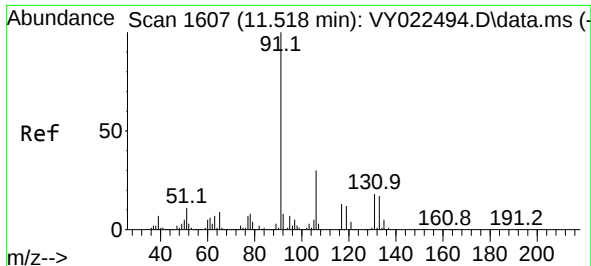
Tgt Ion:112 Resp: 130705
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.349 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:131 Resp: 43609
Ion Ratio Lower Upper
131 100
133 92.3 47.3 141.8
119 66.7 33.1 99.3

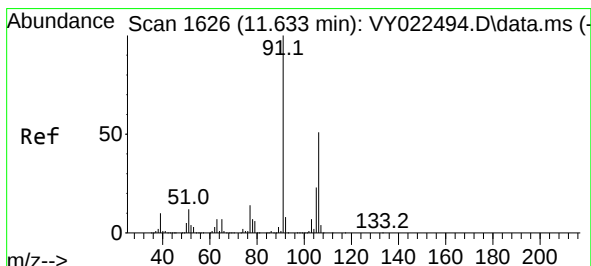
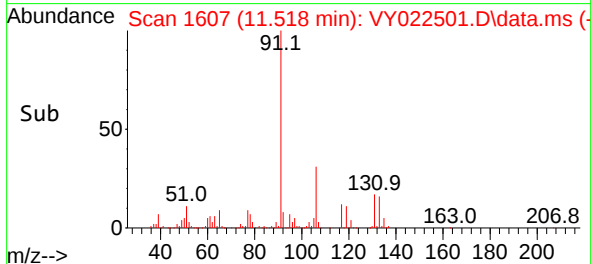
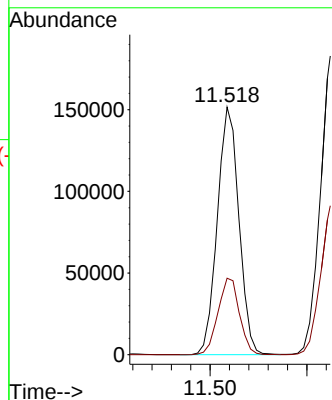
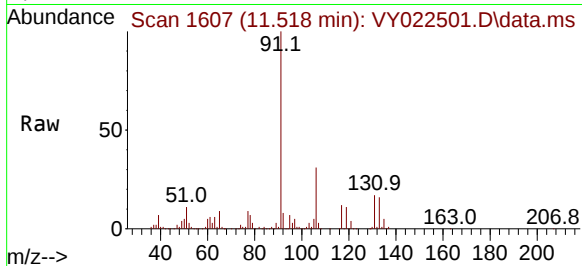




#67
Ethyl Benzene
Concen: 19.880 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

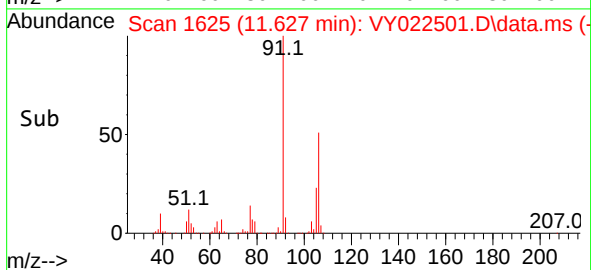
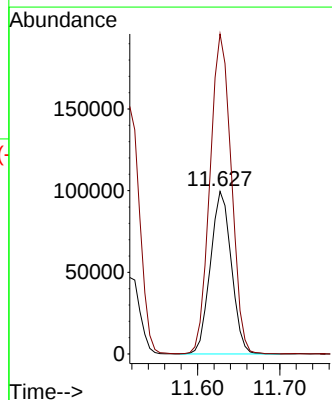
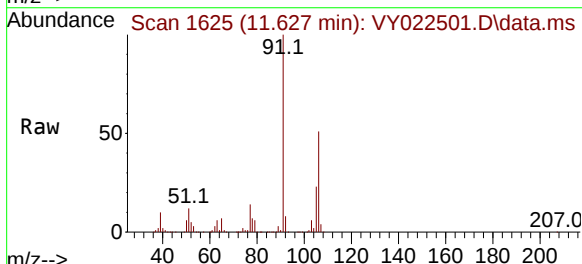
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

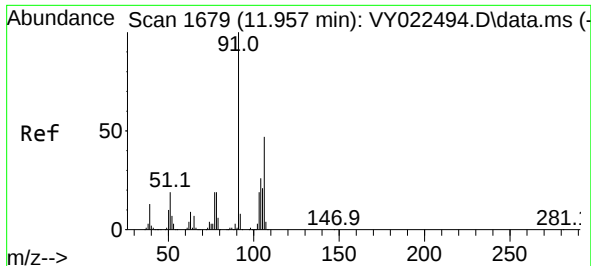
Tgt Ion: 91 Resp: 234567
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4



#68
m/p-Xylenes
Concen: 39.406 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 106 Resp: 176263
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.0

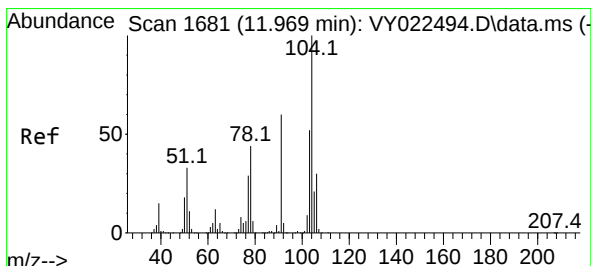
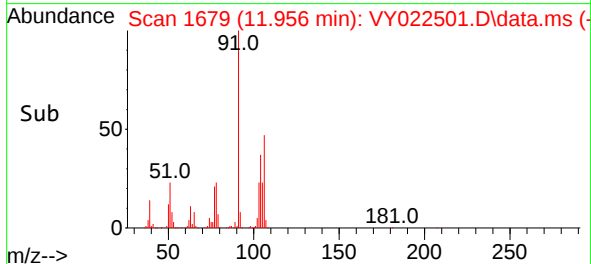
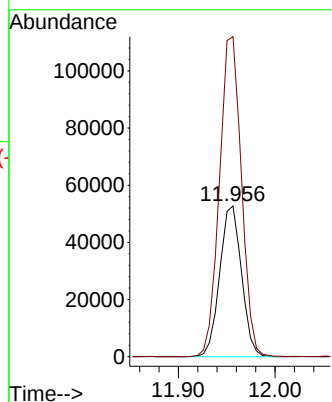
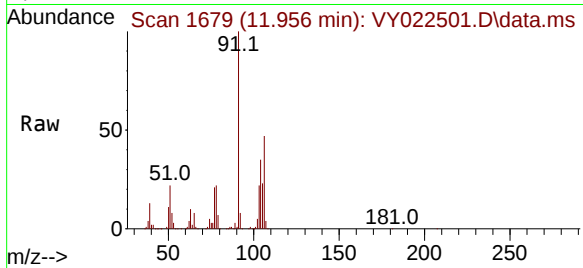




#69
o-Xylene
Concen: 19.651 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

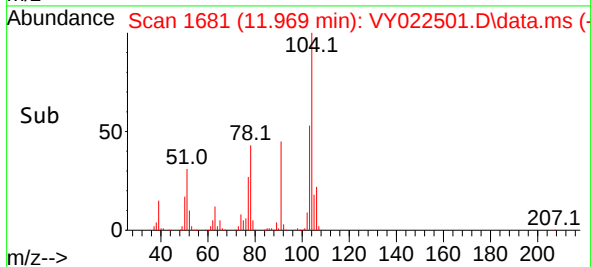
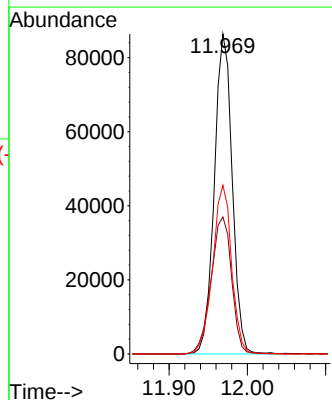
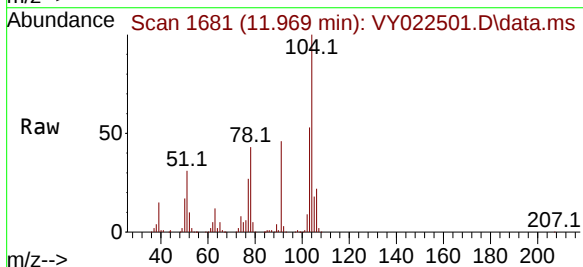
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

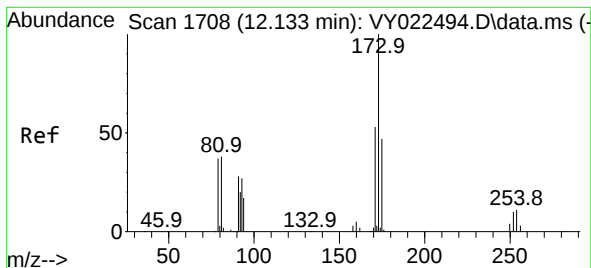
Tgt Ion:106 Resp: 82412
Ion Ratio Lower Upper
106 100
91 214.8 105.8 317.3



#70
Styrene
Concen: 19.798 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:104 Resp: 137247
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.9 44.1 66.1





#71

Bromoform

Concen: 20.186 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

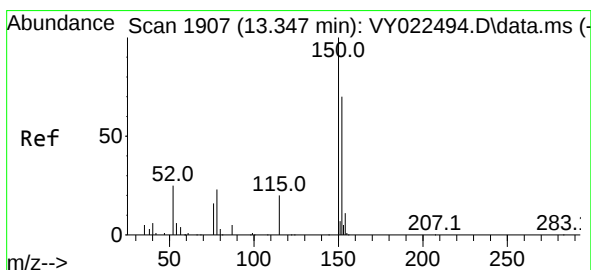
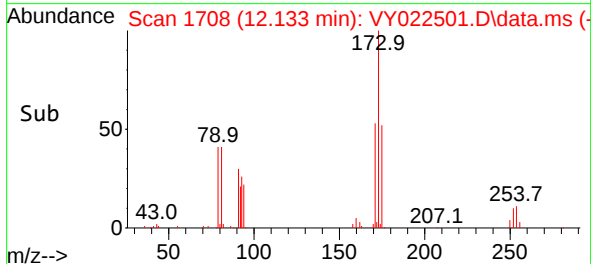
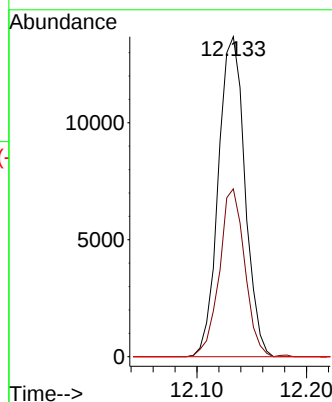
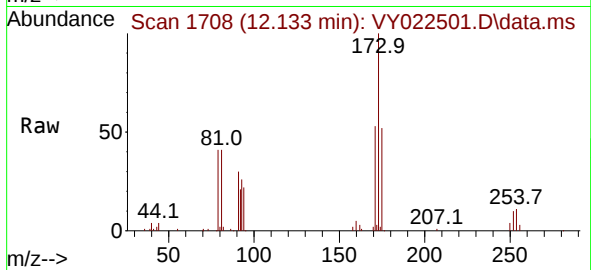
Tgt Ion:173 Resp: 23020

Ion Ratio Lower Upper

173 100

175 50.3 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: VY022501.D

Acq: 02 Jun 2025 16:47

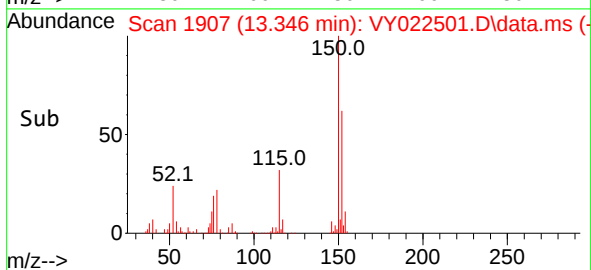
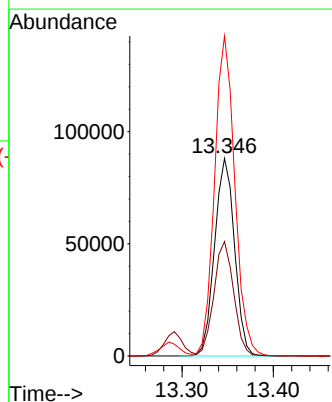
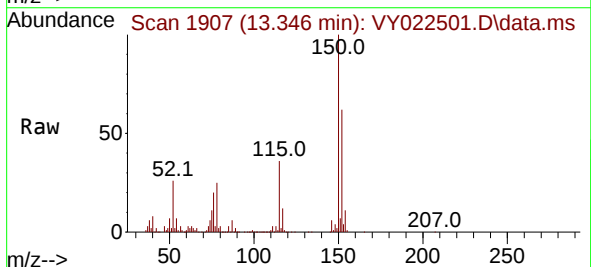
Tgt Ion:152 Resp: 133746

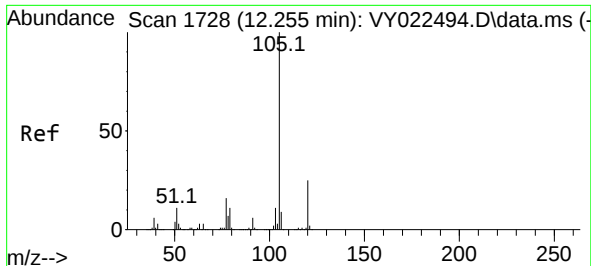
Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 164.7 0.0 349.6

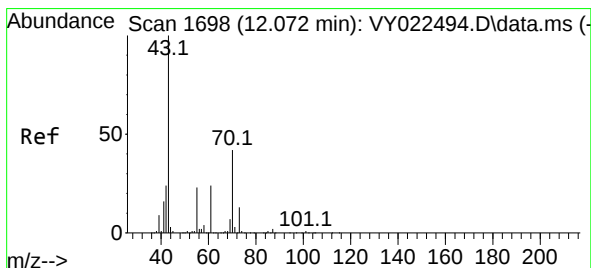
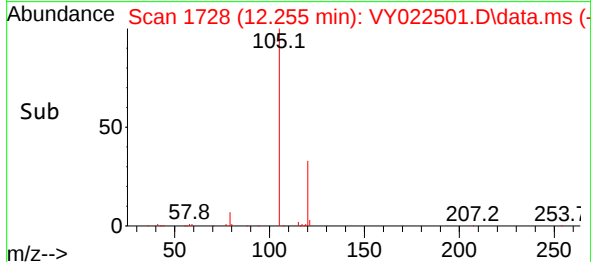
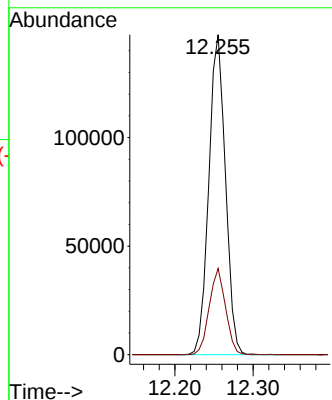
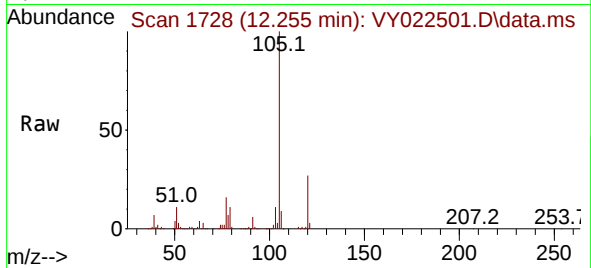




#73
Isopropylbenzene
Concen: 19.747 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

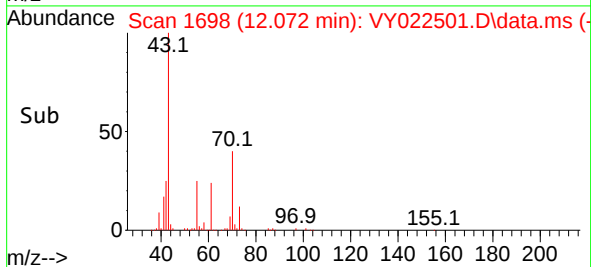
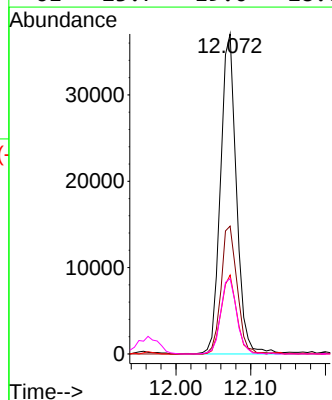
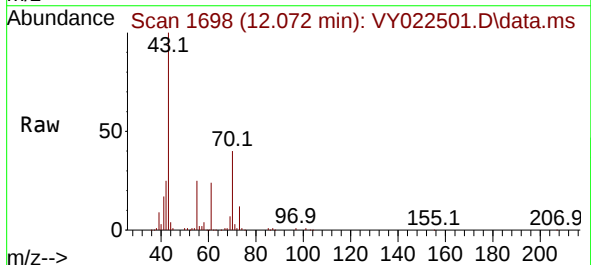
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

Tgt Ion:105 Resp: 216831
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 19.851 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 43 Resp: 54999
Ion Ratio Lower Upper
43 100
70 40.4 34.2 51.2
55 24.0 18.2 27.4
61 23.7 19.0 28.6

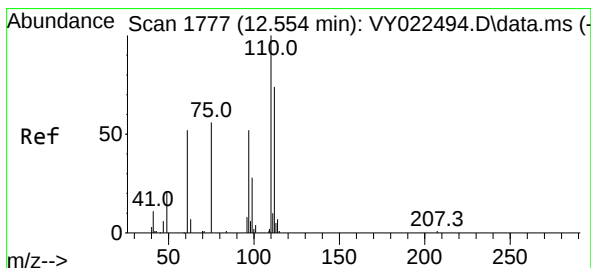
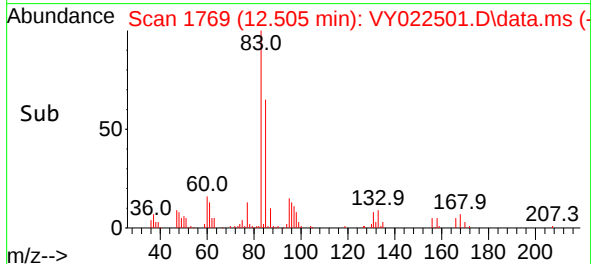
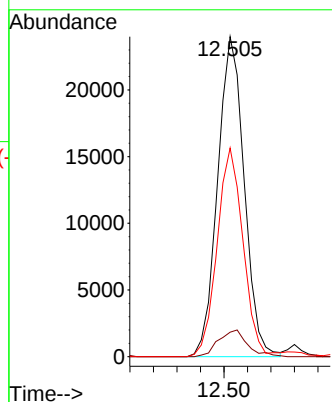
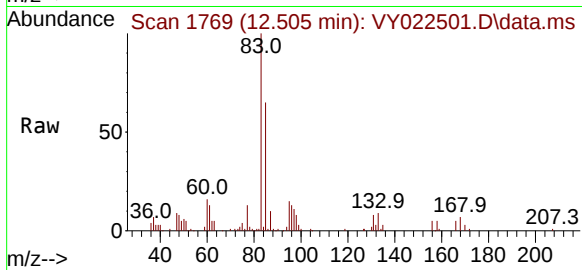




#75
 1,1,2-Tetrachloroethane
 Concen: 20.905 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

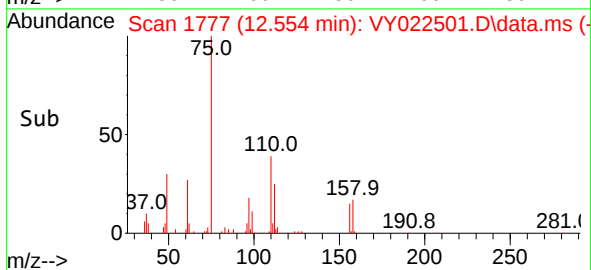
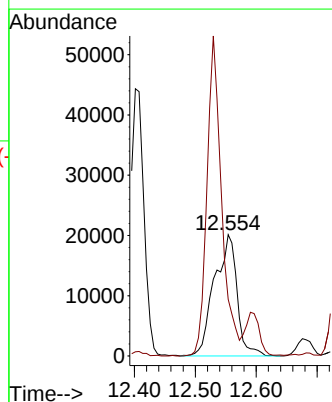
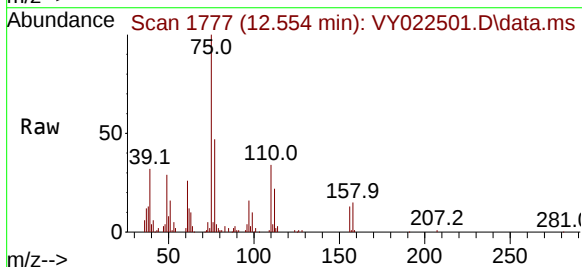
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

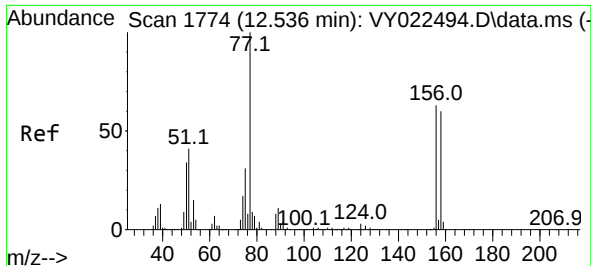
Tgt Ion: 83 Resp: 37674
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.9 14.7
 85 63.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.990 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

Tgt Ion: 75 Resp: 52008
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

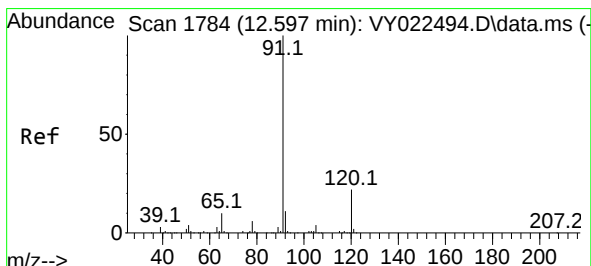
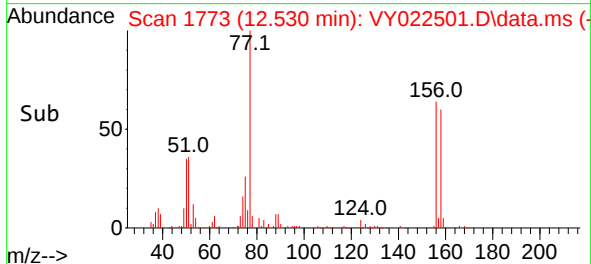
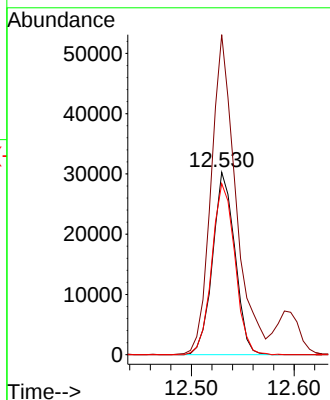
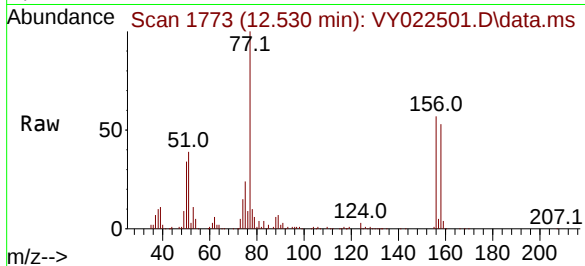




#77
Bromobenzene
Concen: 19.635 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

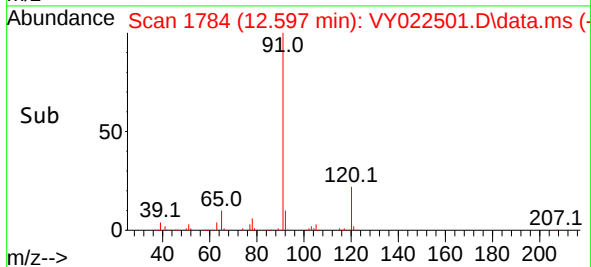
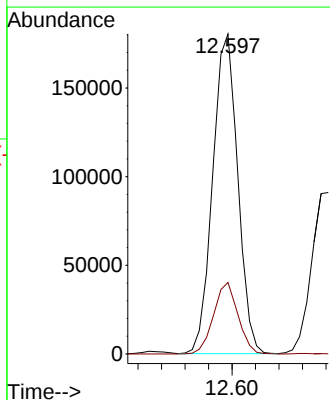
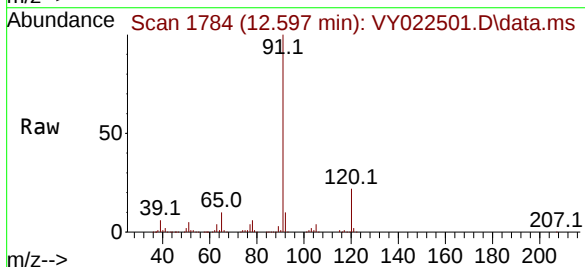
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

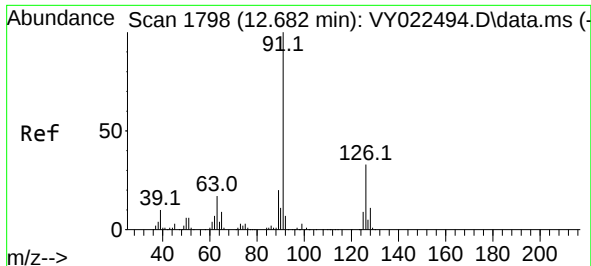
Tgt Ion:156 Resp: 45498
Ion Ratio Lower Upper
156 100
77 195.1 94.0 282.1
158 97.5 48.2 144.6



#78
n-propylbenzene
Concen: 19.879 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 91 Resp: 266604
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4

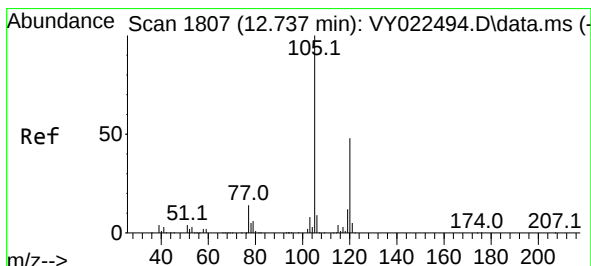
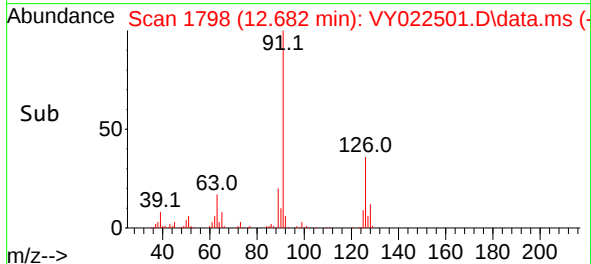
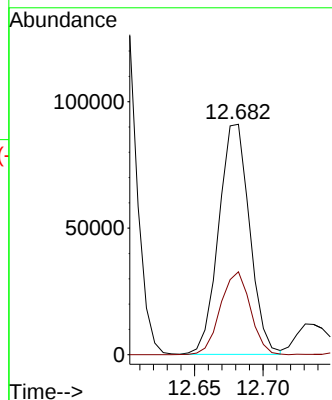
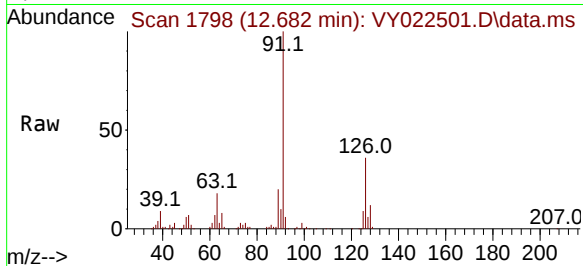




#79
2-Chlorotoluene
Concen: 20.138 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

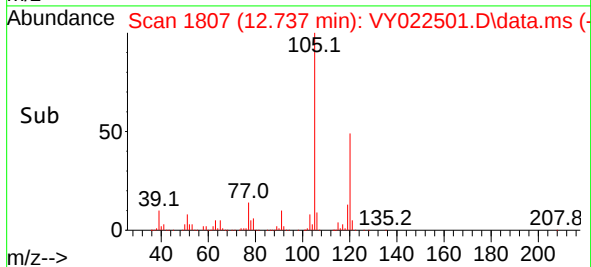
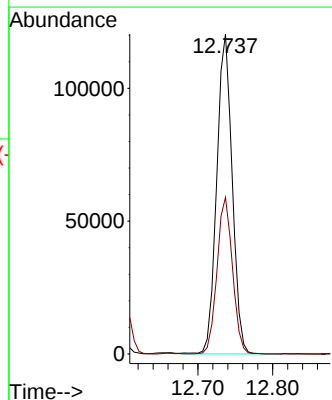
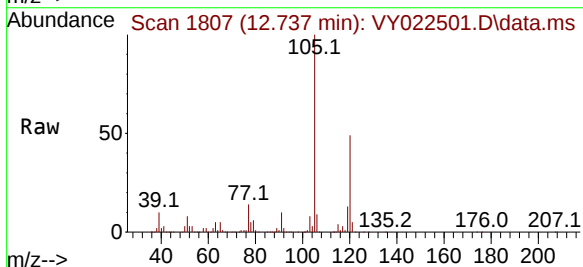
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBSD01

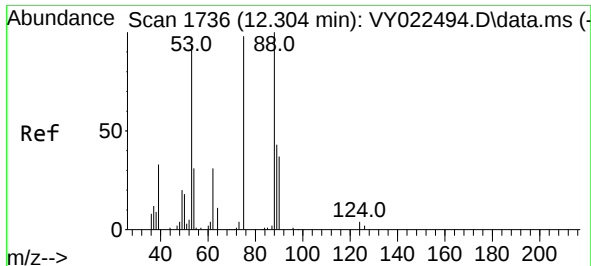
Tgt Ion: 91 Resp: 143147
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.125 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:105 Resp: 173489
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

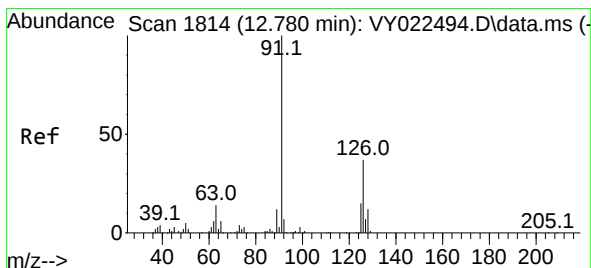
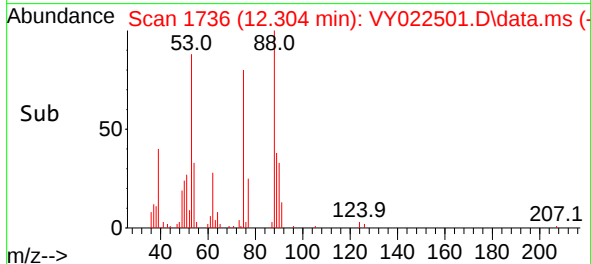
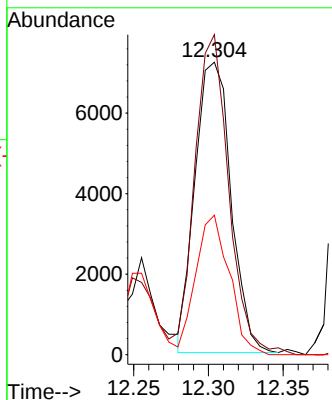
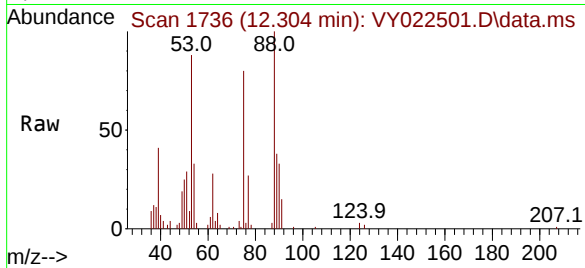




#81
trans-1,4-Dichloro-2-butene
Concen: 19.075 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

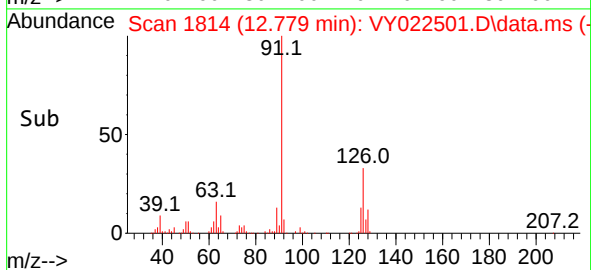
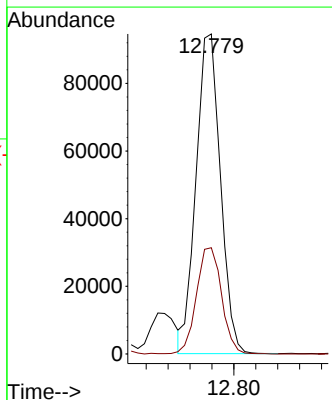
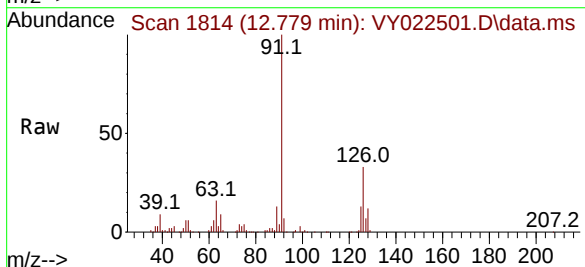
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

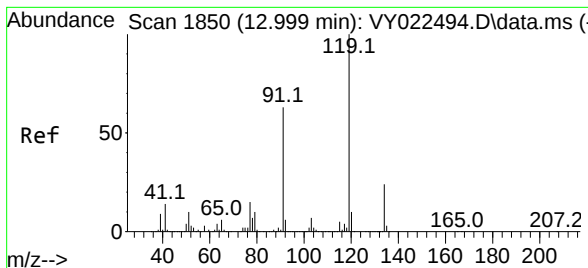
Tgt Ion: 75 Resp: 12086
Ion Ratio Lower Upper
75 100
53 104.2 78.5 117.7
89 44.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.891 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion: 91 Resp: 145853
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.182 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

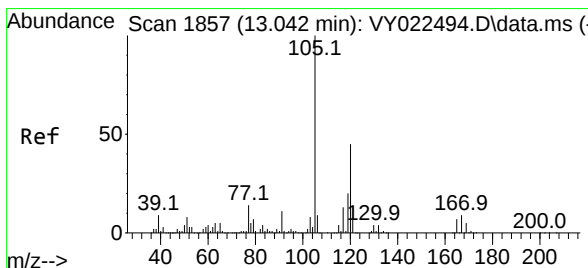
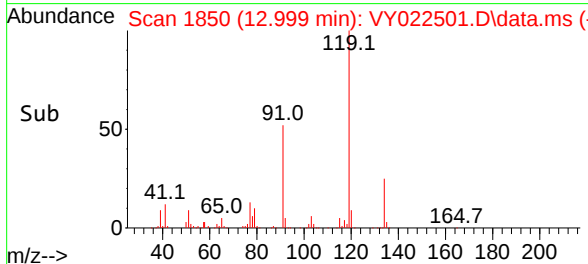
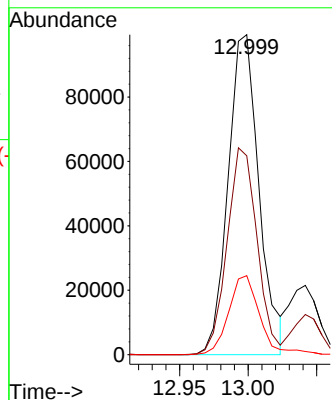
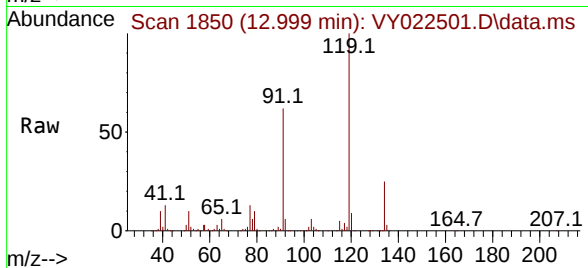
Tgt Ion:119 Resp: 156156

Ion Ratio Lower Upper

119 100

91 62.9 32.1 96.3

134 25.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.678 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022501.D

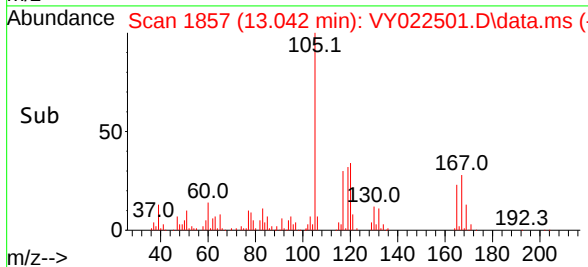
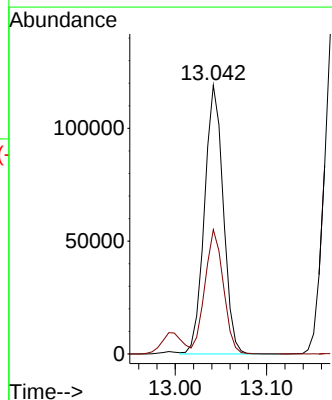
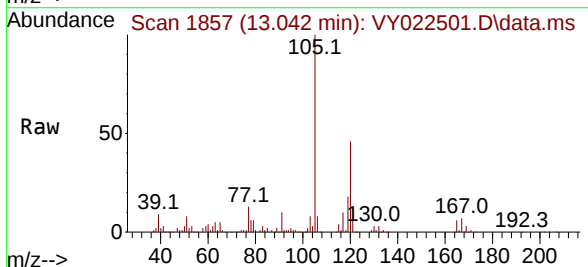
Acq: 02 Jun 2025 16:47

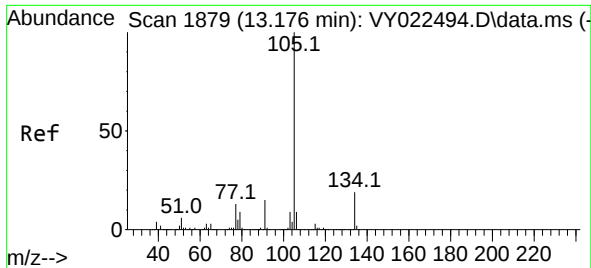
Tgt Ion:105 Resp: 169667

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1

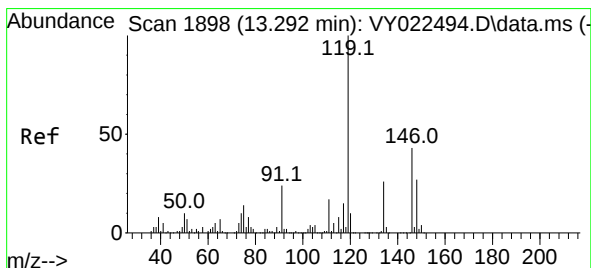
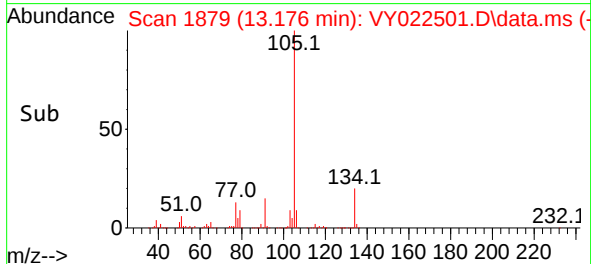
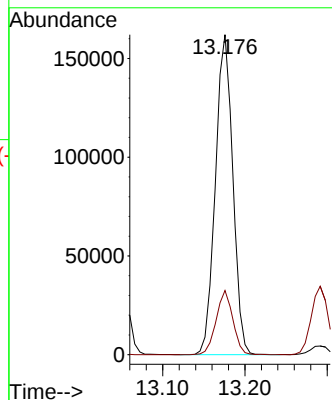
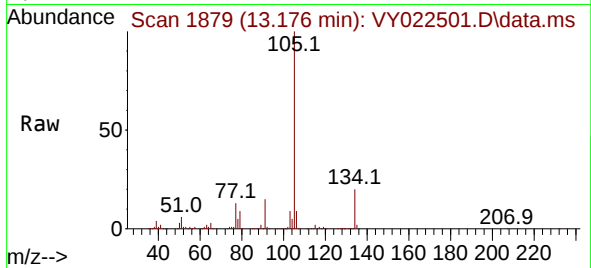




#85
 sec-Butylbenzene
 Concen: 20.116 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

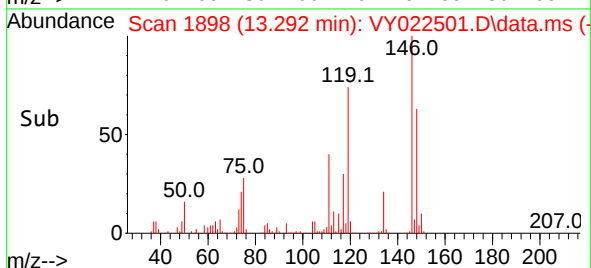
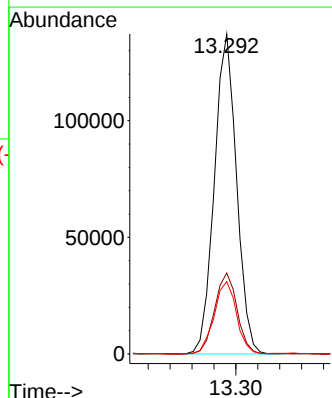
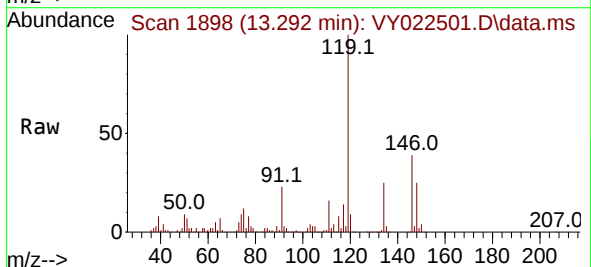
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBSD01

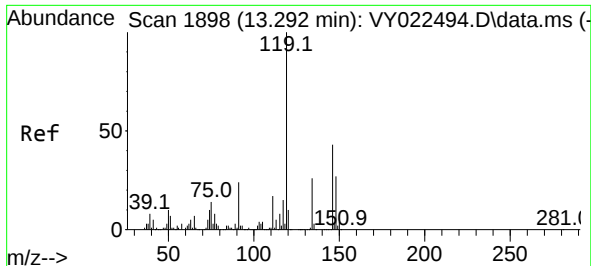
Tgt Ion:105 Resp: 238367
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.746 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022501.D
 Acq: 02 Jun 2025 16:47

Tgt Ion:119 Resp: 192867
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.796 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBSD01

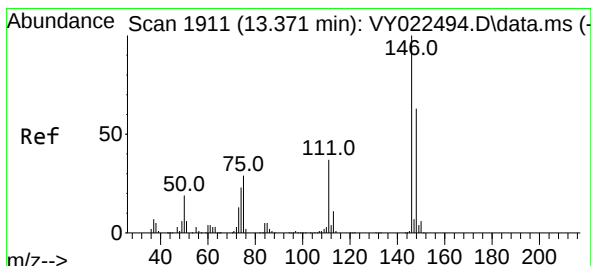
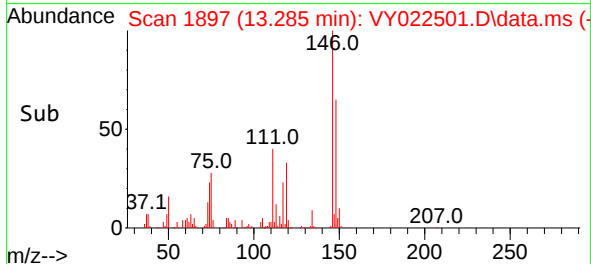
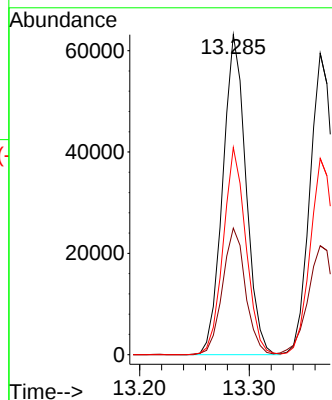
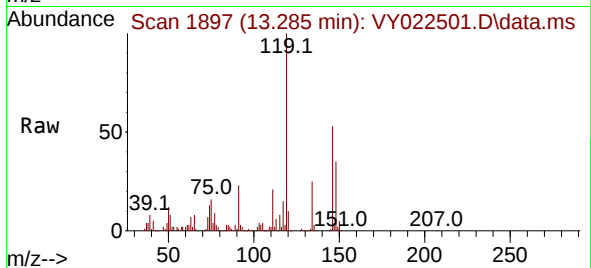
Tgt Ion:146 Resp: 92940

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 63.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.818 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

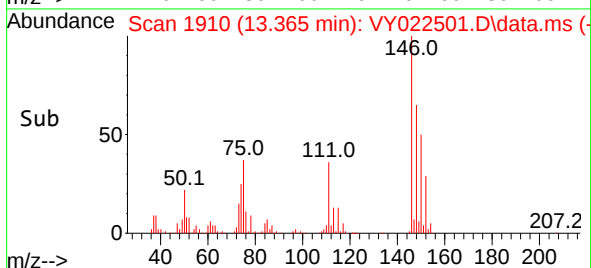
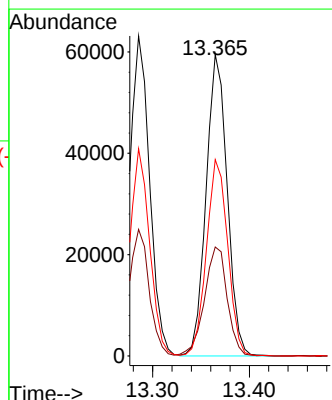
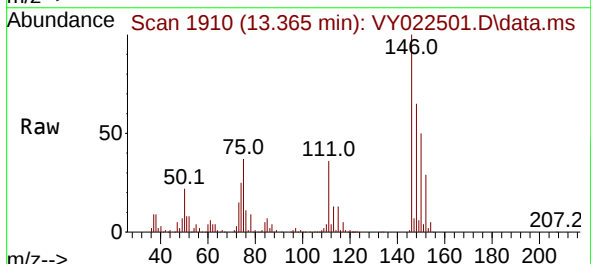
Tgt Ion:146 Resp: 90240

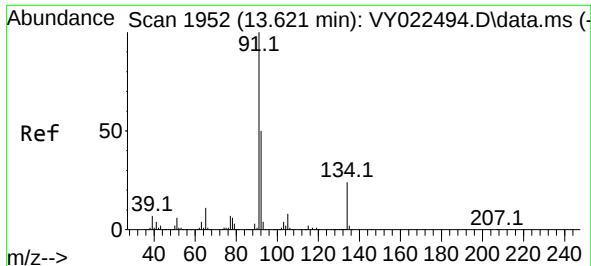
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 65.9 31.6 94.8





#89

n-Butylbenzene

Concen: 19.960 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

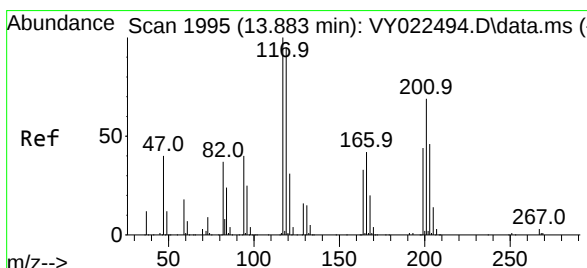
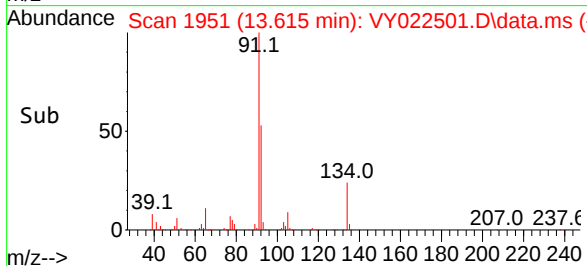
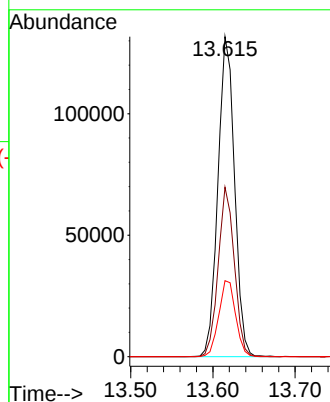
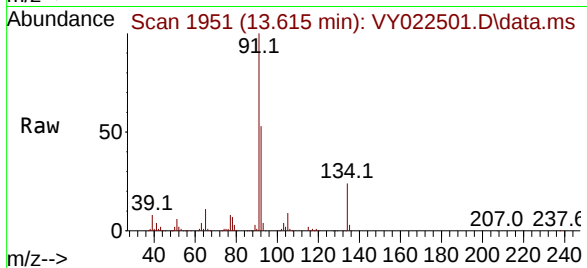
Tgt Ion: 91 Resp: 184971

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 19.843 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022501.D

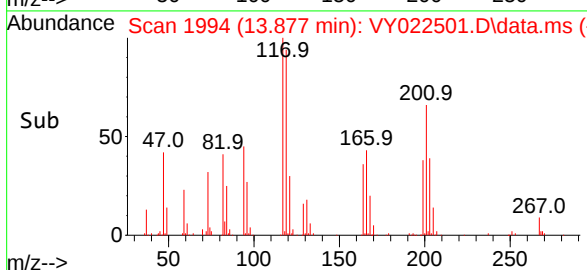
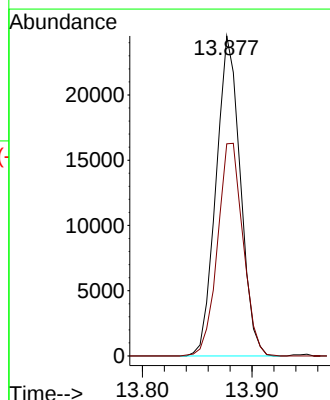
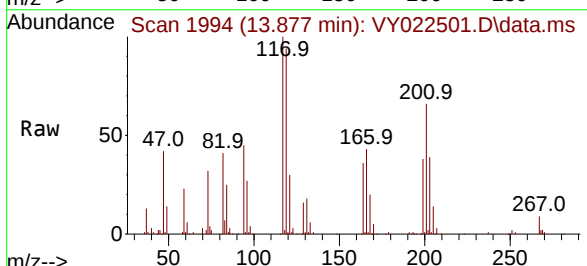
Acq: 02 Jun 2025 16:47

Tgt Ion: 117 Resp: 37732

Ion Ratio Lower Upper

117 100

201 69.7 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.363 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

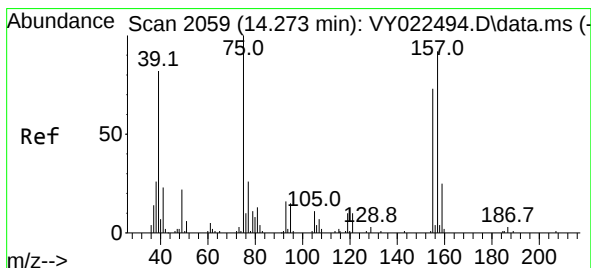
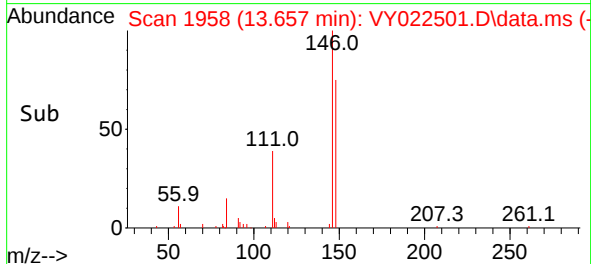
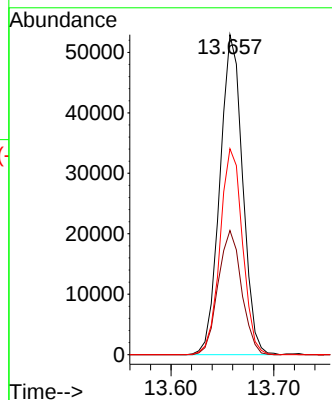
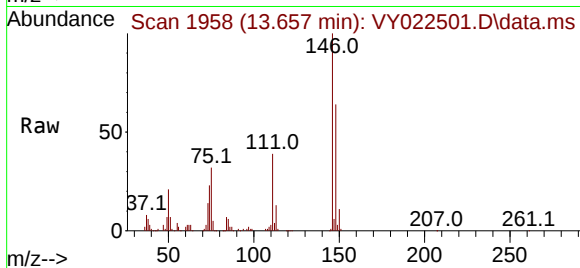
Tgt Ion:146 Resp: 81168

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.6

148 63.6 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.532 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

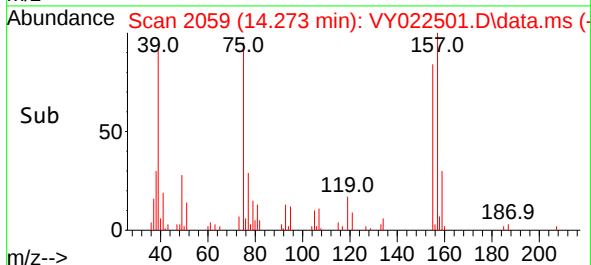
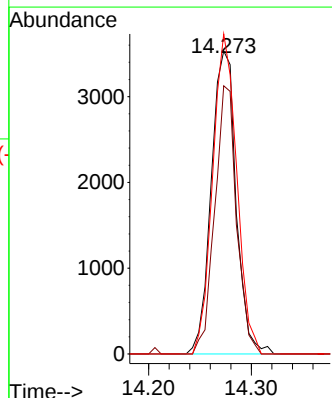
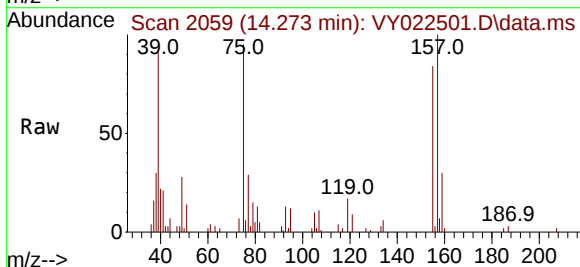
Tgt Ion: 75 Resp: 5912

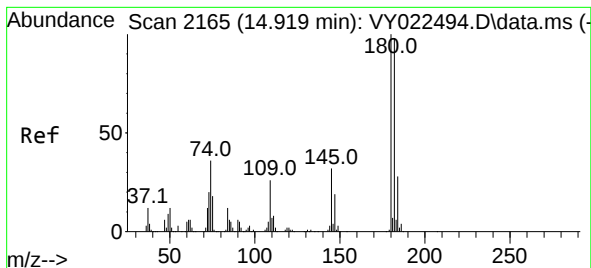
Ion Ratio Lower Upper

75 100

155 78.0 39.9 119.6

157 102.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.914 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBS01

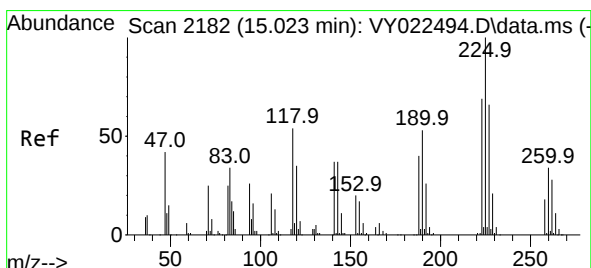
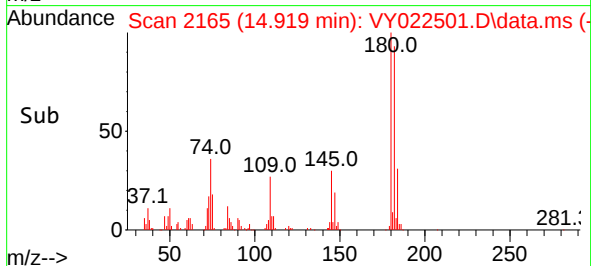
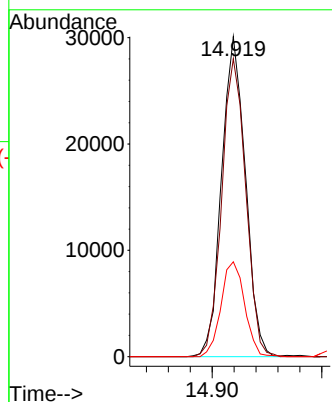
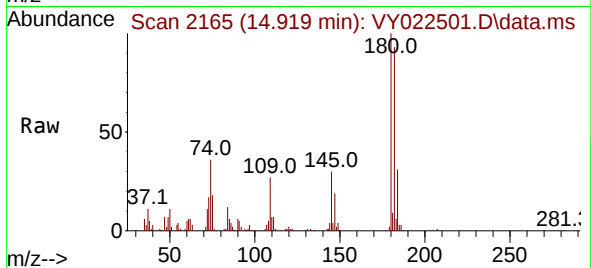
Tgt Ion:180 Resp: 45467

Ion Ratio Lower Upper

180 100

182 93.3 48.4 145.3

145 29.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.644 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022501.D

Acq: 02 Jun 2025 16:47

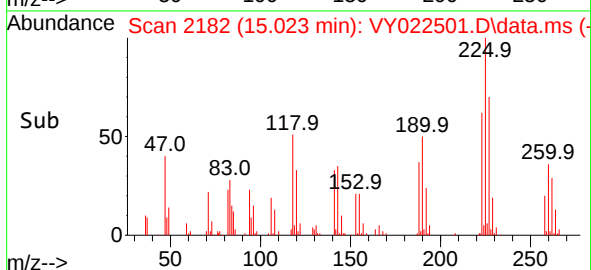
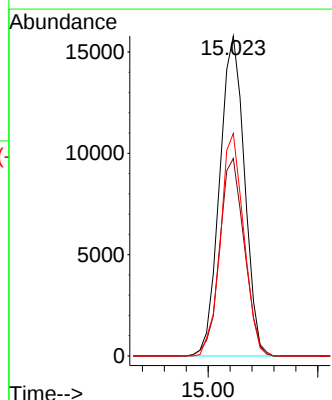
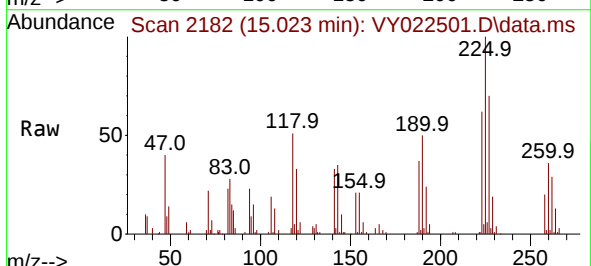
Tgt Ion:225 Resp: 24770

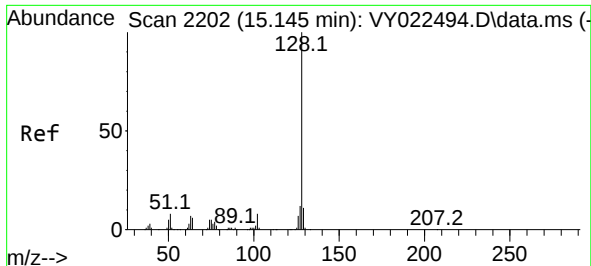
Ion Ratio Lower Upper

225 100

223 62.0 32.5 97.4

227 65.8 32.3 96.9

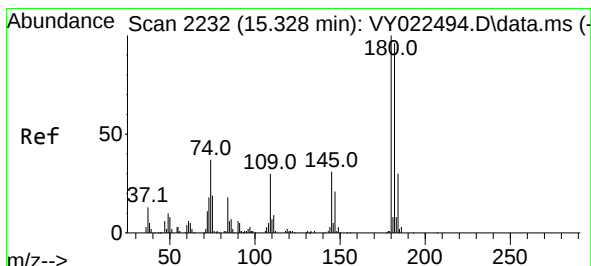
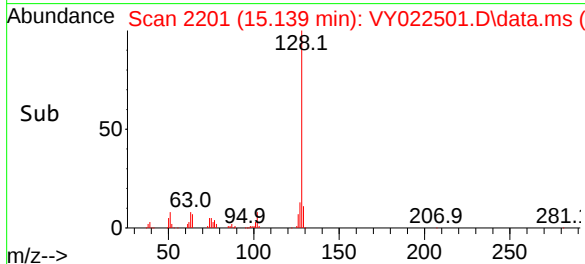
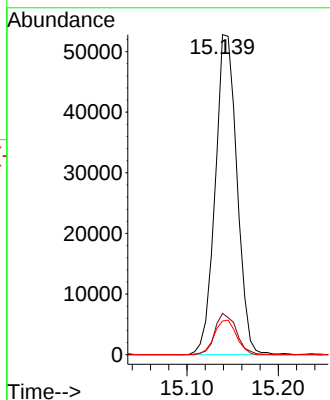
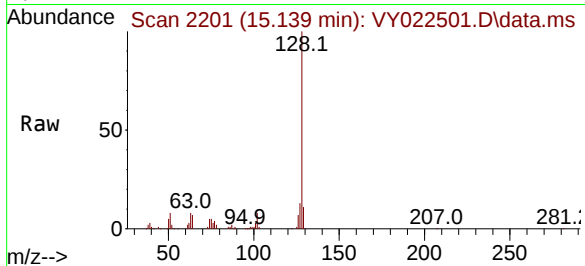




#95
Naphthalene
Concen: 20.975 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBS01

Tgt Ion:128 Resp: 87505
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.599 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022501.D
Acq: 02 Jun 2025 16:47

Tgt Ion:180 Resp: 38378
Ion Ratio Lower Upper
180 100
182 97.0 47.1 141.3
145 31.5 15.2 45.6

