

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022745.D
 Acq On : 19 Jun 2025 10:49
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Quant Time: Jun 20 02:55:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	135425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	196060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	90185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83987	55.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.900%	
35) Dibromofluoromethane	7.640	113	73993	53.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.560%	
50) Toluene-d8	10.103	98	297322	53.486	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.980%	
62) 4-Bromofluorobenzene	12.401	95	85284	51.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	26096	21.523	ug/l	95
3) Chloromethane	2.068	50	65019	18.152	ug/l	98
4) Vinyl Chloride	2.202	62	88253	21.239	ug/l	98
5) Bromomethane	2.592	94	83337	20.925	ug/l	91
6) Chloroethane	2.732	64	65358	22.916	ug/l	96
7) Trichlorofluoromethane	3.050	101	83499	23.670	ug/l	99
8) Diethyl Ether	3.452	74	17678	22.253	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	34081	22.939	ug/l	99
10) Methyl Iodide	4.001	142	32515	20.223	ug/l	97
11) Tert butyl alcohol	4.860	59	12104	111.886	ug/l	96
12) 1,1-Dichloroethene	3.787	96	30544	21.508	ug/l	98
13) Acrolein	3.653	56	8808	65.331	ug/l	98
14) Allyl chloride	4.379	41	47032	21.096	ug/l	98
15) Acrylonitrile	5.061	53	38910	115.649	ug/l	98
16) Acetone	3.866	43	47919	155.781	ug/l	98
17) Carbon Disulfide	4.104	76	92467	20.337	ug/l	96
18) Methyl Acetate	4.391	43	19939	21.889	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	87026	21.756	ug/l	96
20) Methylene Chloride	4.610	84	38557	22.067	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	35720	22.473	ug/l	91
22) Diisopropyl ether	6.018	45	109899	22.146	ug/l	98
23) Vinyl Acetate	5.964	43	320488	109.114	ug/l	98
24) 1,1-Dichloroethane	5.915	63	69556	23.792	ug/l	98
25) 2-Butanone	6.890	43	59102	133.202	ug/l	100
26) 2,2-Dichloropropane	6.878	77	57336	22.197	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	40864	22.243	ug/l	96
28) Bromochloromethane	7.244	49	28957	22.722	ug/l	96
29) Tetrahydrofuran	7.268	42	31900	111.471	ug/l	99
30) Chloroform	7.421	83	66956	23.123	ug/l	95
31) Cyclohexane	7.701	56	59613	20.482	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	57994	22.561	ug/l	97
36) 1,1-Dichloropropene	7.835	75	48032	21.512	ug/l	99
37) Ethyl Acetate	6.982	43	24241	24.345	ug/l #	78
38) Carbon Tetrachloride	7.817	117	49727	21.709	ug/l	94
39) Methylcyclohexane	9.109	83	59995	19.994	ug/l	99
40) Benzene	8.079	78	148616	22.535	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11179	19.221	ug/l #	67
42) 1,2-Dichloroethane	8.158	62	41080	22.813	ug/l	100
43) Isopropyl Acetate	8.201	43	46062	21.419	ug/l #	86
44) Trichloroethene	8.866	130	36262	22.498	ug/l	91
45) 1,2-Dichloropropane	9.140	63	36412	23.362	ug/l	99
46) Dibromomethane	9.231	93	19946	22.747	ug/l	97
47) Bromodichloromethane	9.420	83	50934	22.909	ug/l	98
48) Methyl methacrylate	9.219	41	20272	20.085	ug/l	90
49) 1,4-Dioxane	9.231	88	4577	440.604	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	120225	112.131	ug/l	98
52) Toluene	10.170	92	90080	21.735	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	45852	22.010	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	54401	22.433	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	26082	23.327	ug/l	97
56) Ethyl methacrylate	10.438	69	33531	20.749	ug/l	96
57) 1,3-Dichloropropane	10.713	76	45759	23.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	85409	116.408	ug/l	100
59) 2-Hexanone	10.762	43	85093	118.668	ug/l	99
60) Dibromochloromethane	10.914	129	31860	22.422	ug/l	100
61) 1,2-Dibromoethane	11.011	107	22860	22.432	ug/l	99
64) Tetrachloroethene	10.646	164	43094	25.552	ug/l	97
65) Chlorobenzene	11.438	112	96594	22.264	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	31846	21.789	ug/l	98
67) Ethyl Benzene	11.517	91	169161	21.021	ug/l	99
68) m/p-Xylenes	11.627	106	127883	41.921	ug/l	99
69) o-Xylene	11.950	106	59766	20.896	ug/l	99
70) Styrene	11.969	104	100236	21.202	ug/l	98
71) Bromoform	12.127	173	17537	22.548	ug/l #	97
73) Isopropylbenzene	12.255	105	156255	21.104	ug/l	99
74) N-amyl acetate	12.066	43	39501	21.144	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	26508	21.813	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	39115	37.911	ug/l #	100
77) Bromobenzene	12.530	156	33851	21.665	ug/l	97
78) n-propylbenzene	12.590	91	193686	21.417	ug/l	100
79) 2-Chlorotoluene	12.676	91	105023	21.912	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	124094	21.348	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	8732	20.438	ug/l	96
82) 4-Chlorotoluene	12.773	91	105245	21.285	ug/l	99
83) tert-Butylbenzene	12.993	119	110529	21.185	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	121217	20.849	ug/l	99
85) sec-Butylbenzene	13.170	105	169468	21.209	ug/l	100
86) p-Isopropyltoluene	13.292	119	136555	20.733	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	68812	21.737	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	68515	22.314	ug/l	99
89) n-Butylbenzene	13.615	91	130440	20.874	ug/l	99
90) Hexachloroethane	13.877	117	28758	22.428	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	59871	22.275	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4327	24.456	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	31089	21.208	ug/l	98
94) Hexachlorobutadiene	15.023	225	17487	21.613	ug/l	99
95) Naphthalene	15.139	128	59033	20.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	28183	22.433	ug/l	96

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ALS Vial : 5 Sample Multiplier: 1

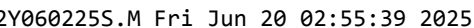
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

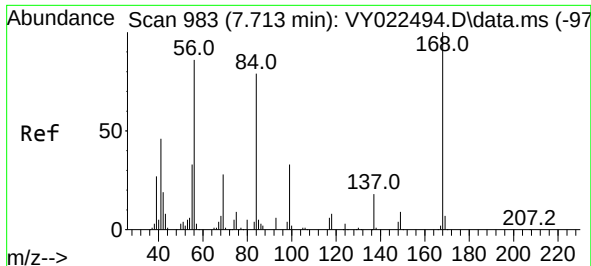
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range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

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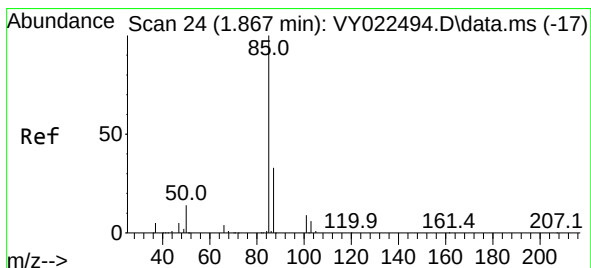
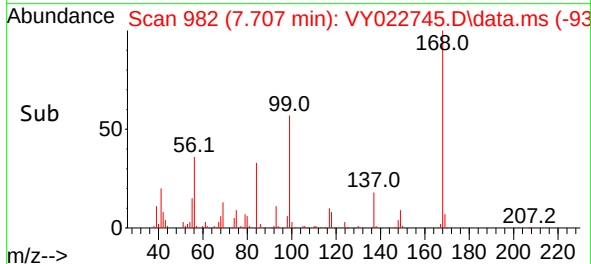
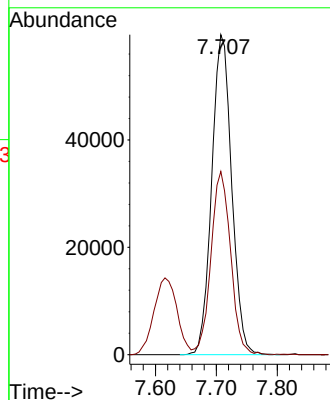
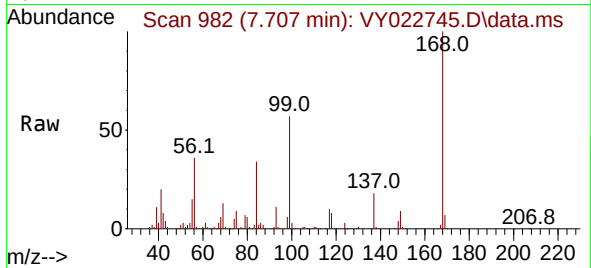




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022745.D
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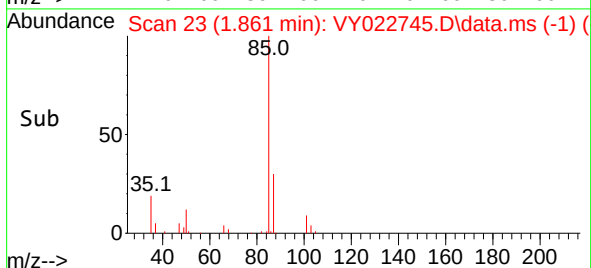
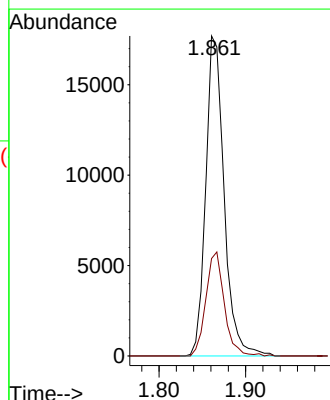
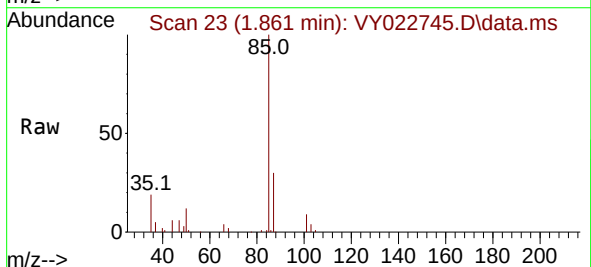
Instrument :
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ClientSampleId :
VY0619SBSD01

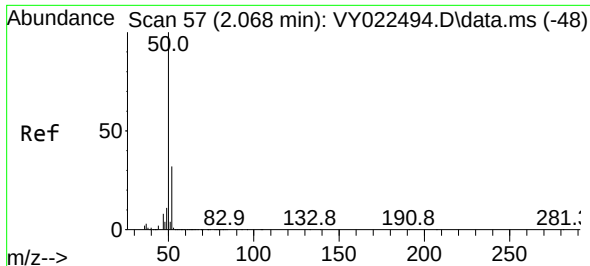
Tgt Ion:168 Resp: 135425
Ion Ratio Lower Upper
168 100
99 57.2 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.523 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 85 Resp: 26096
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.0

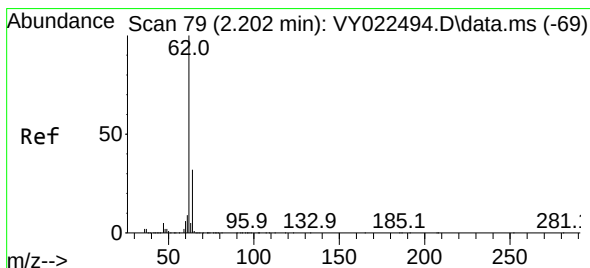
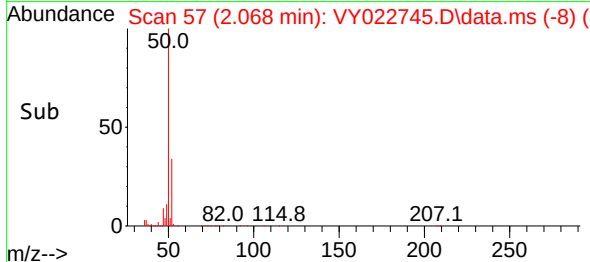
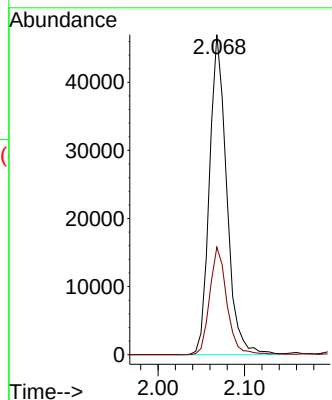
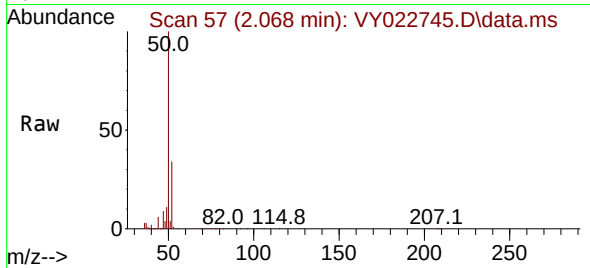




#3
Chloromethane
Concen: 18.152 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

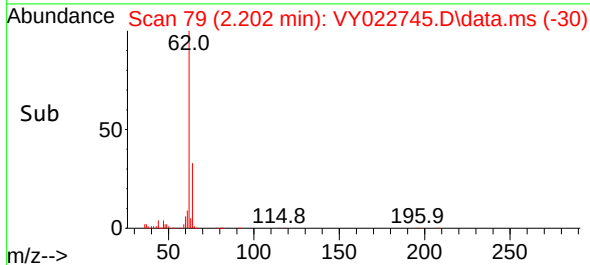
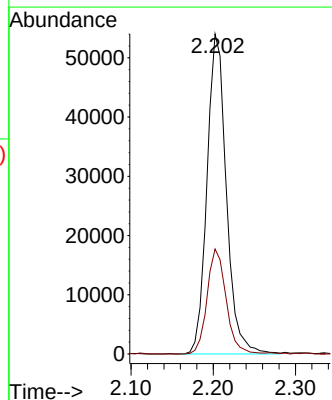
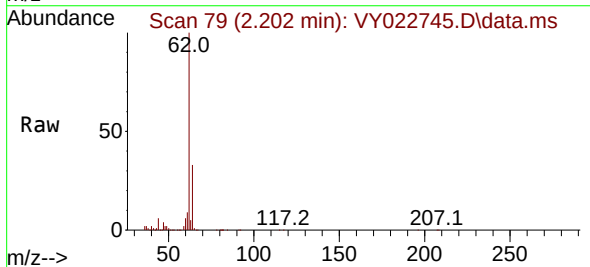
Instrument :
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ClientSampleId :
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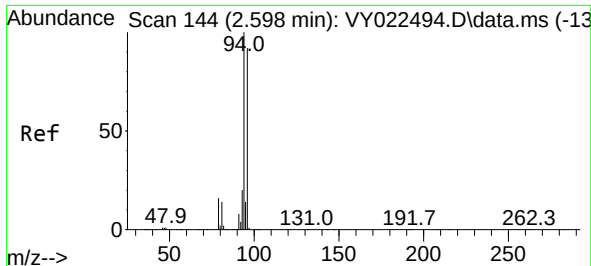
Tgt Ion: 50 Resp: 65019
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 21.239 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 62 Resp: 88253
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9

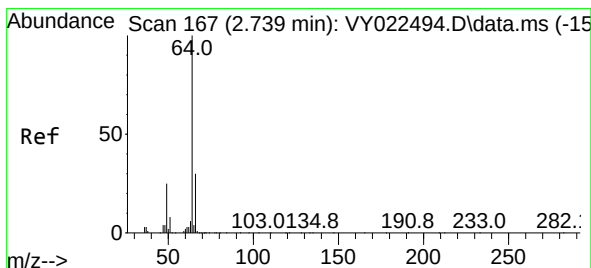
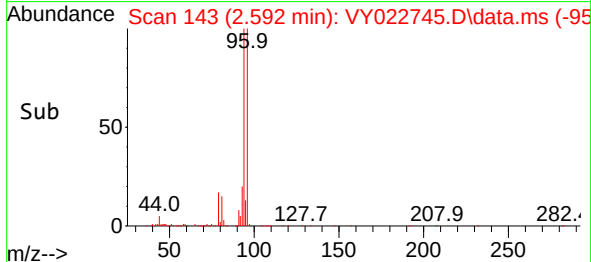
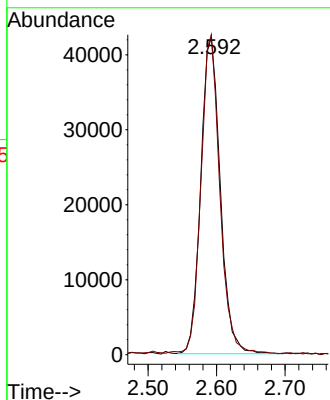
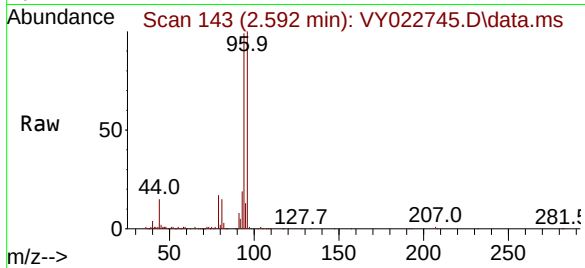




#5
Bromomethane
Concen: 20.925 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

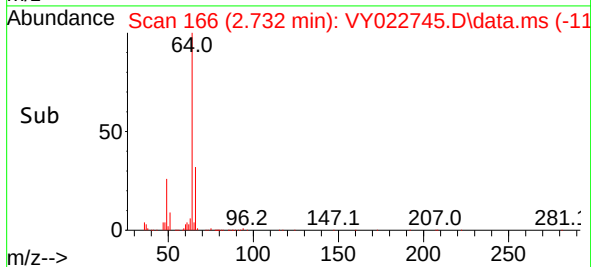
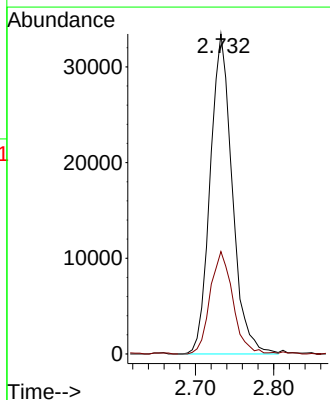
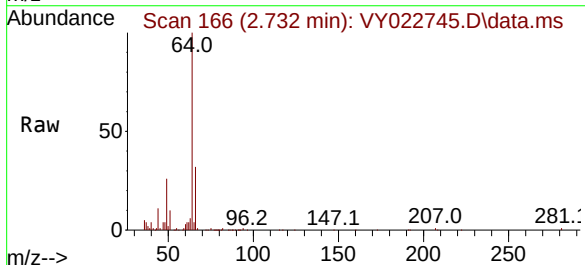
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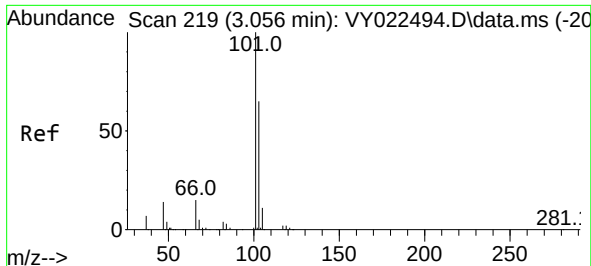
Tgt Ion: 94 Resp: 83337
Ion Ratio Lower Upper
94 100
96 100.7 74.0 111.0



#6
Chloroethane
Concen: 22.916 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 64 Resp: 65358
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6

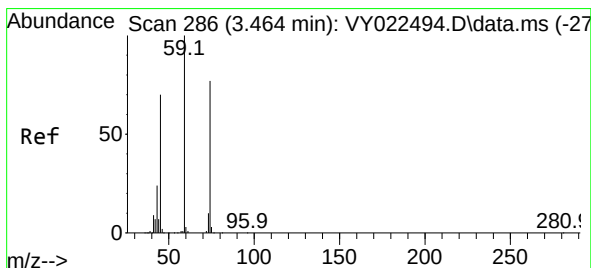
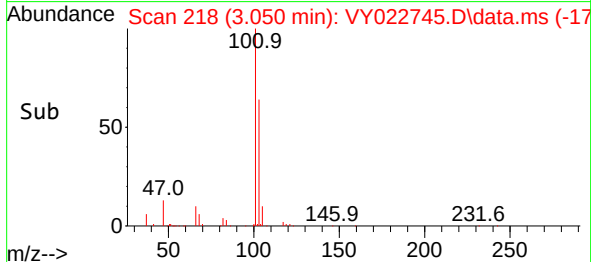
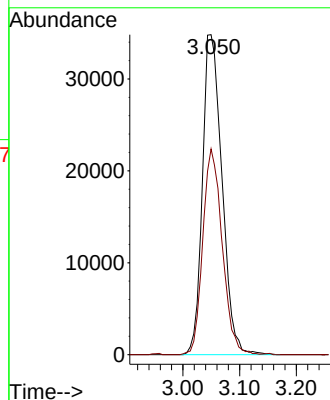
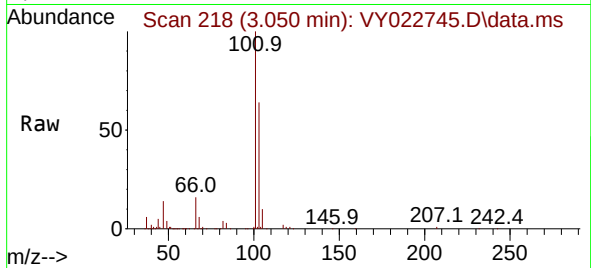




#7
Trichlorofluoromethane
Concen: 23.670 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

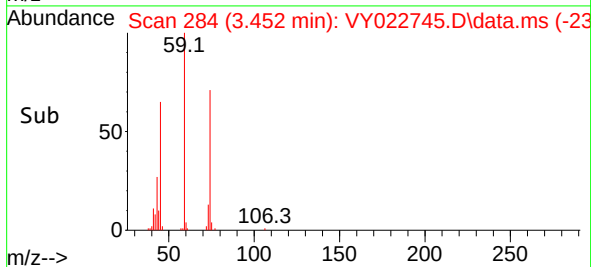
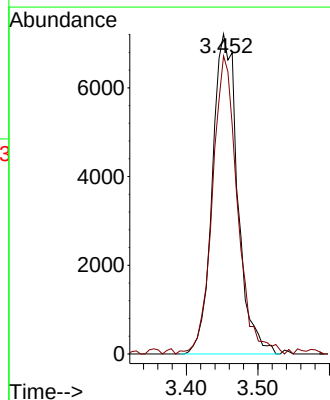
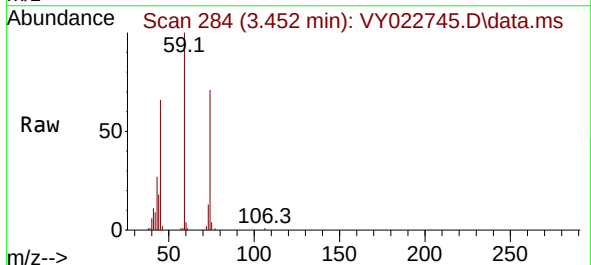
Instrument :
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VY0619SBS01

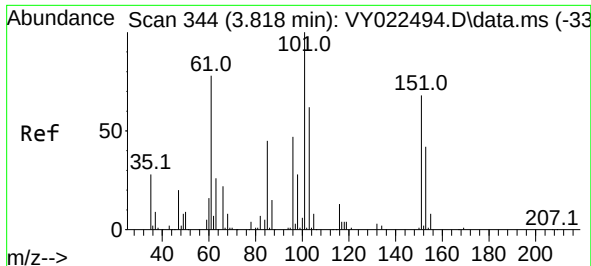
Tgt Ion:101 Resp: 83499
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2



#8
Diethyl Ether
Concen: 22.253 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022745.D
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Tgt Ion: 74 Resp: 17678
Ion Ratio Lower Upper
74 100
45 92.3 45.9 137.6

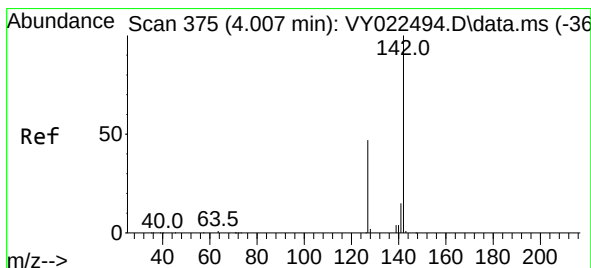
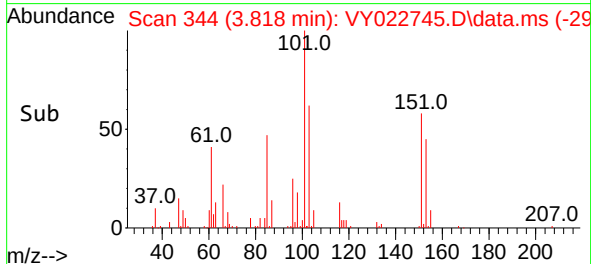
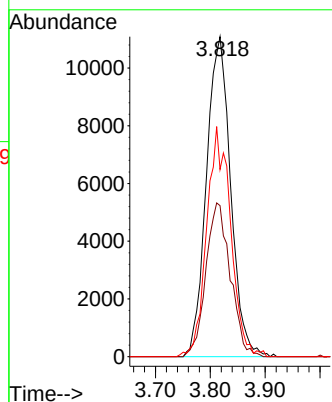
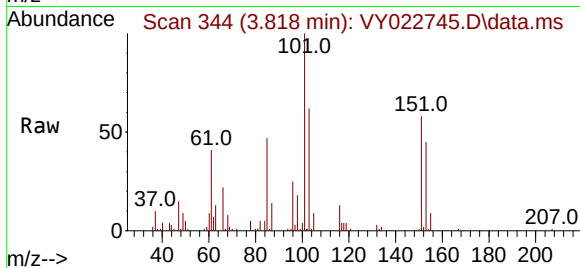




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.939 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

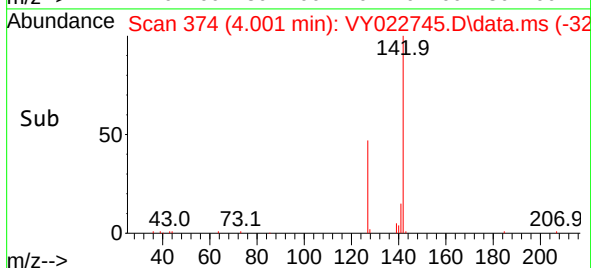
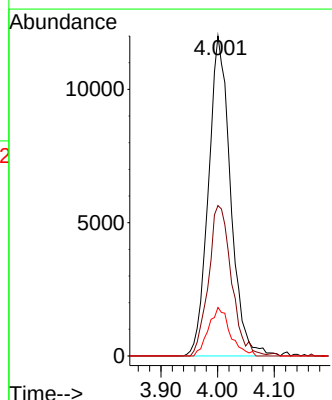
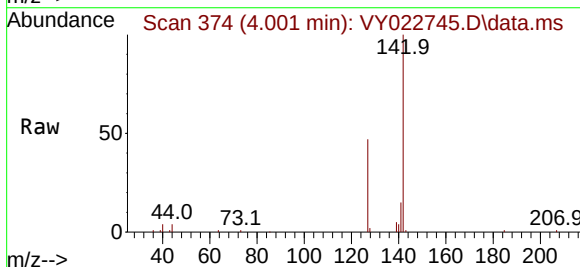
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

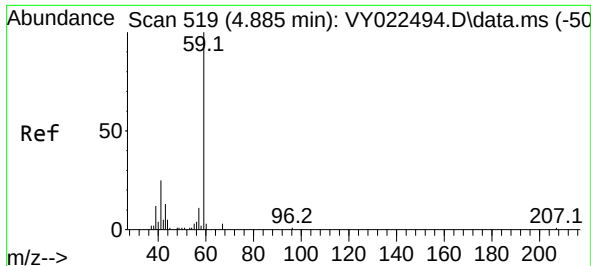
Tgt Ion:	101	Resp:	34081
Ion	Ratio	Lower	Upper
101	100		
85	48.3	39.3	58.9
151	70.9	57.8	86.8



#10
Methyl Iodide
Concen: 20.223 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:	142	Resp:	32515
Ion	Ratio	Lower	Upper
142	100		
127	48.7	37.1	55.7
141	14.8	11.4	17.2

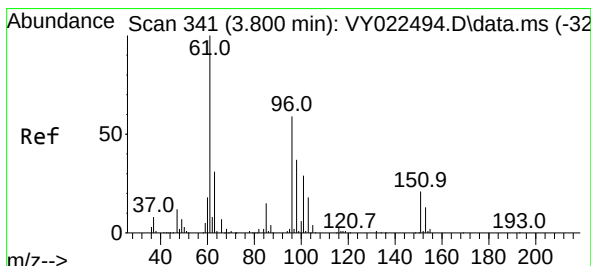
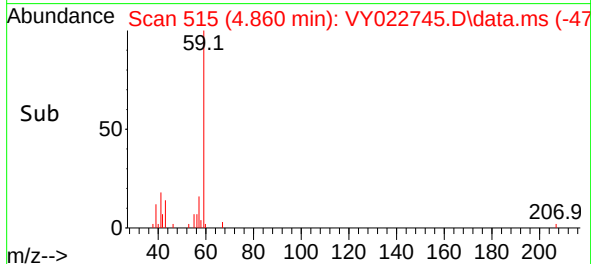
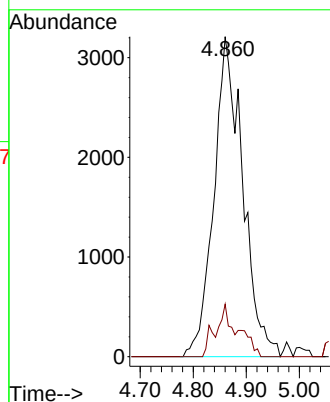
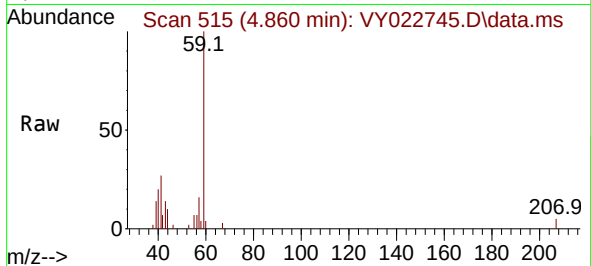




#11
Tert butyl alcohol
Concen: 111.886 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

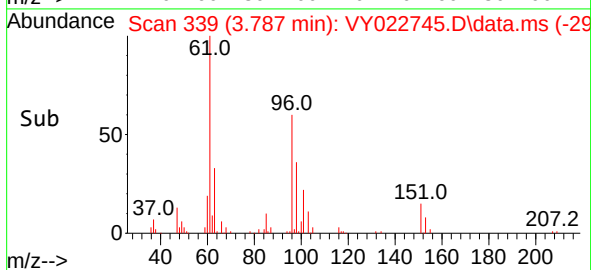
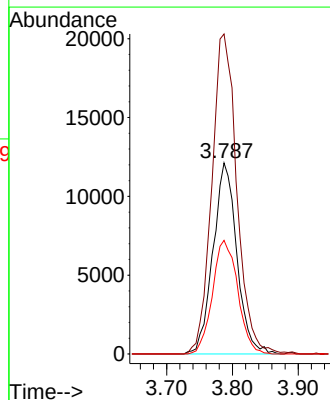
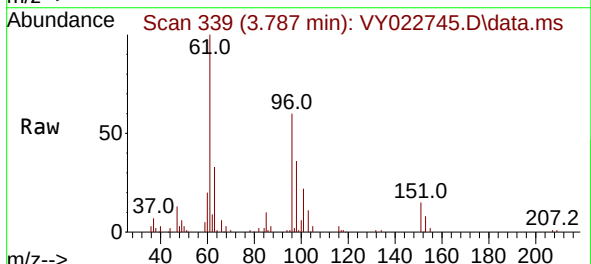
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

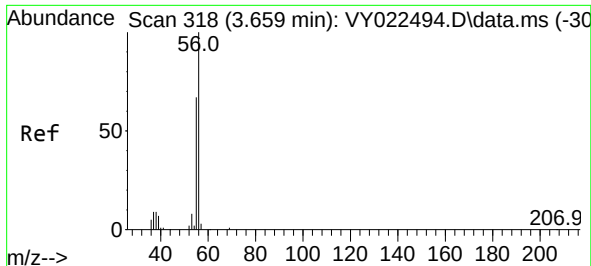
Tgt Ion: 59 Resp: 12104
Ion Ratio Lower Upper
59 100
57 8.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.508 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 96 Resp: 30544
Ion Ratio Lower Upper
96 100
61 167.5 134.6 201.8
98 59.5 50.2 75.4

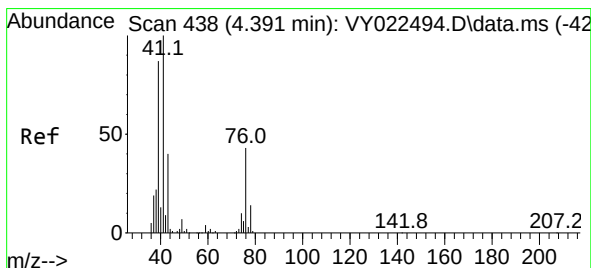
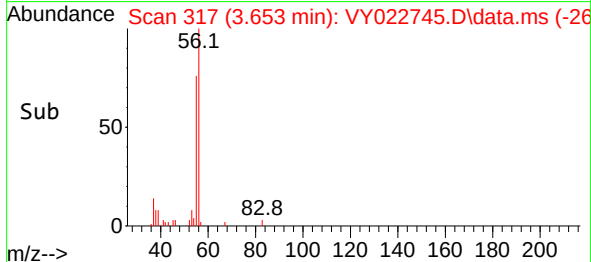
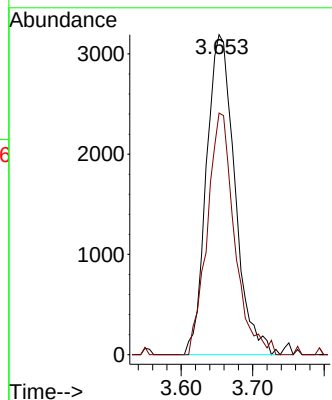
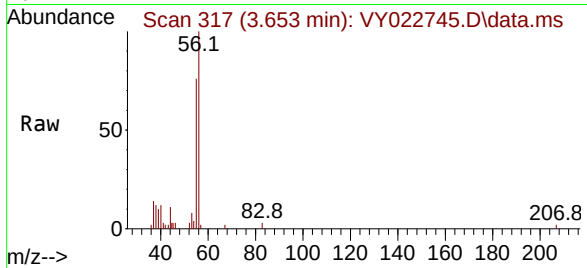




#13
Acrolein
Concen: 65.331 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

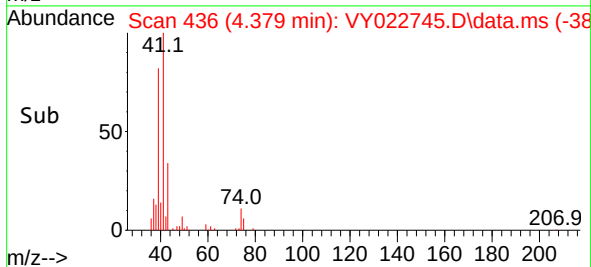
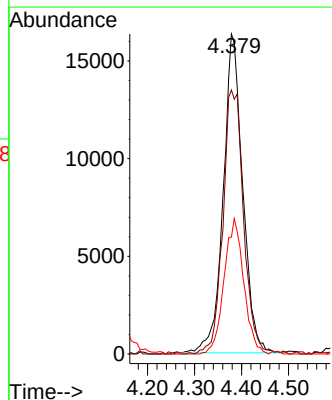
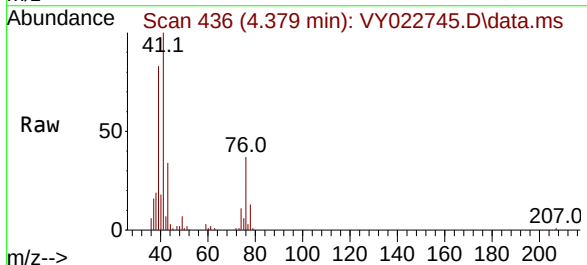
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

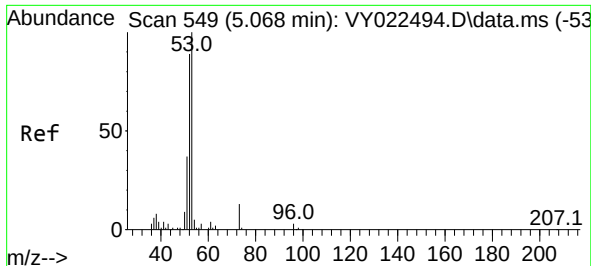
Tgt Ion: 56 Resp: 8808
Ion Ratio Lower Upper
56 100
55 72.6 57.0 85.6



#14
Allyl chloride
Concen: 21.096 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 41 Resp: 47032
Ion Ratio Lower Upper
41 100
39 87.9 69.1 103.7
76 42.8 33.5 50.3

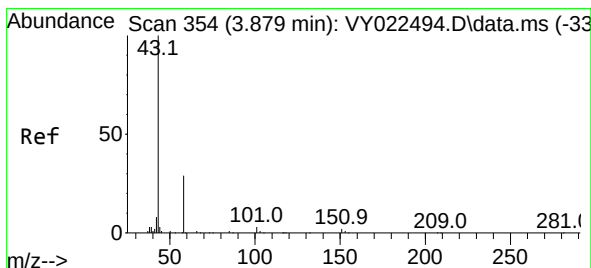
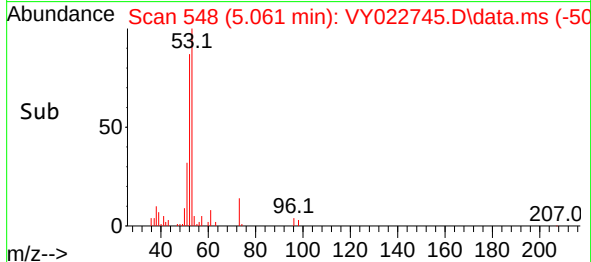
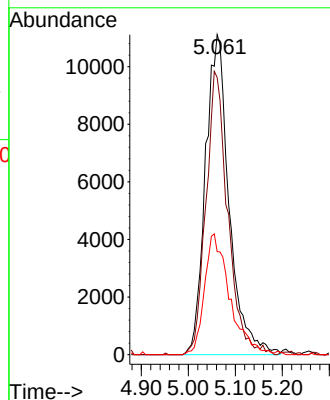
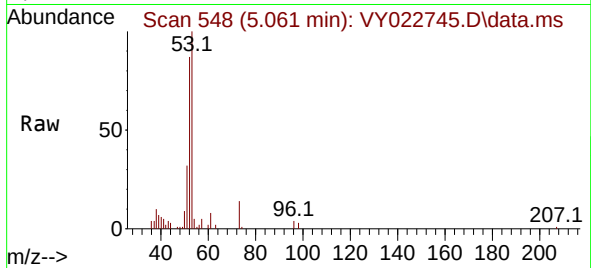




#15
Acrylonitrile
Concen: 115.649 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

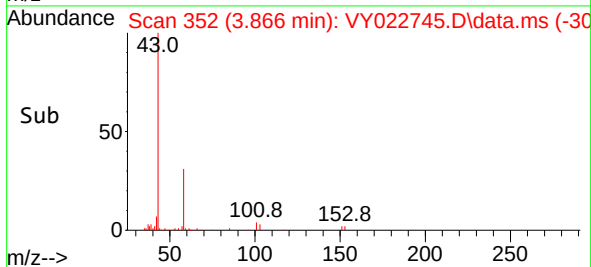
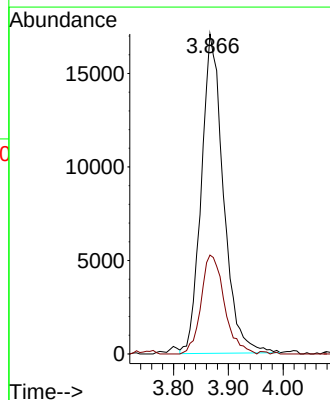
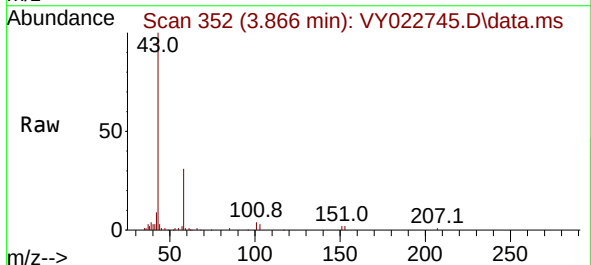
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

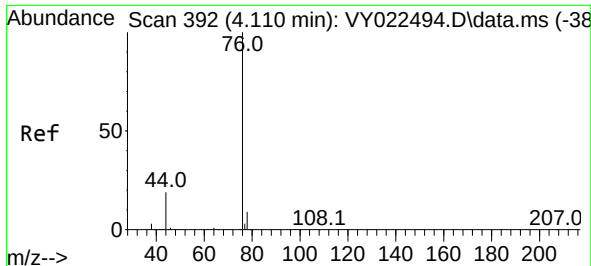
Tgt Ion: 53 Resp: 38910
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 40.2 30.1 45.1



#16
Acetone
Concen: 155.781 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 43 Resp: 47919
Ion Ratio Lower Upper
43 100
58 31.0 24.0 36.0

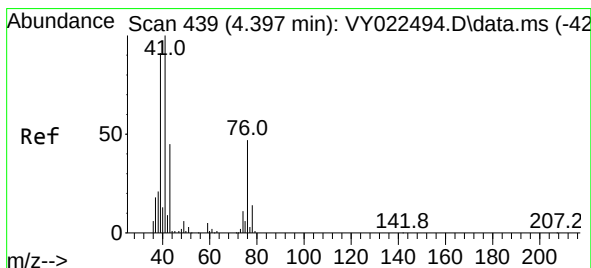
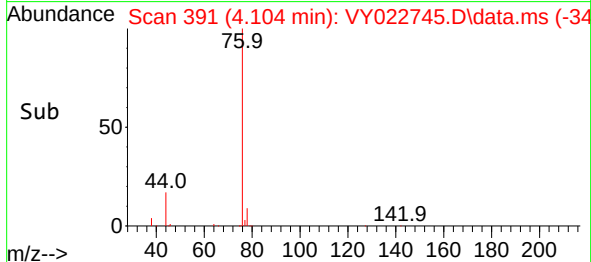
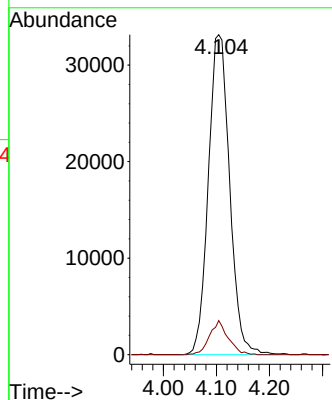
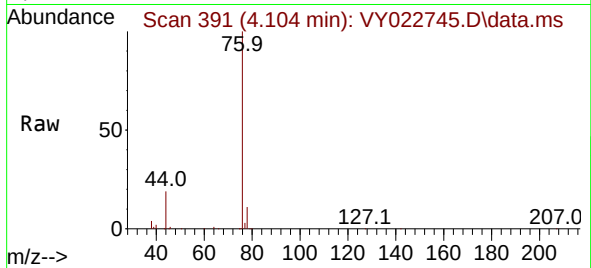




#17
Carbon Disulfide
Concen: 20.337 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

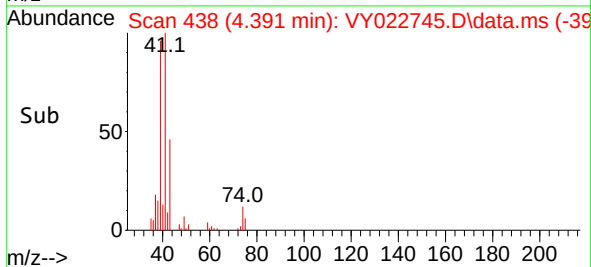
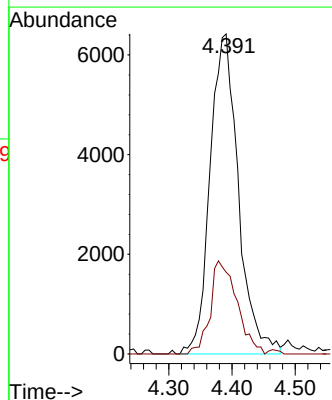
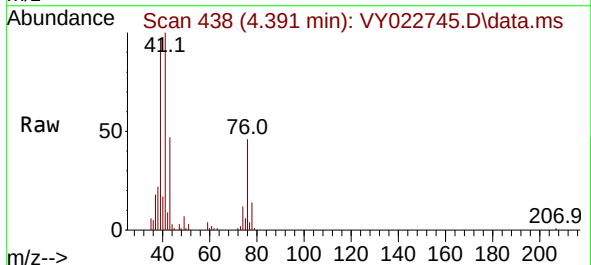
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

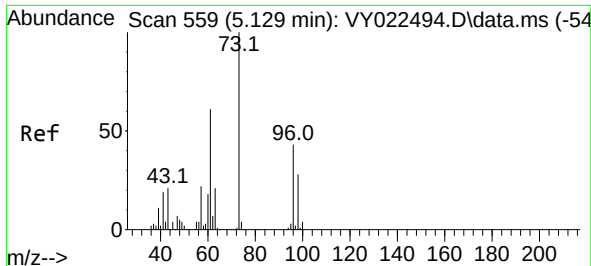
Tgt Ion: 76 Resp: 92467
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2



#18
Methyl Acetate
Concen: 21.889 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 43 Resp: 19939
Ion Ratio Lower Upper
43 100
74 27.4 19.8 29.6

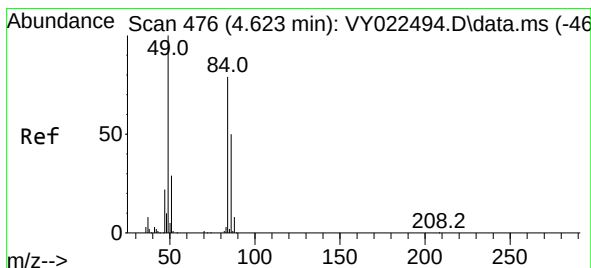
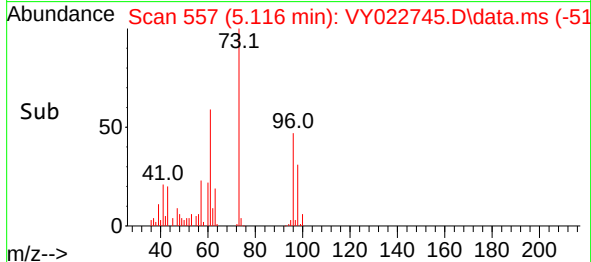
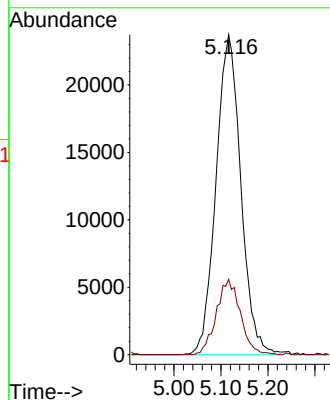
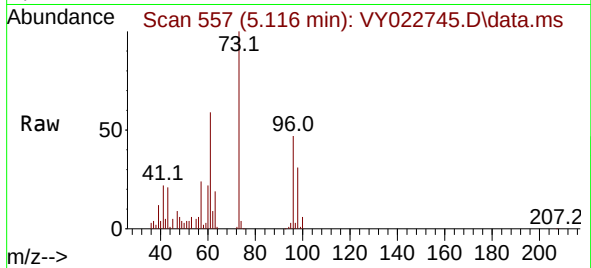




#19
Methyl tert-butyl Ether
Concen: 21.756 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

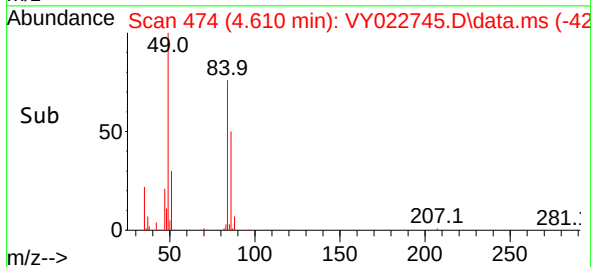
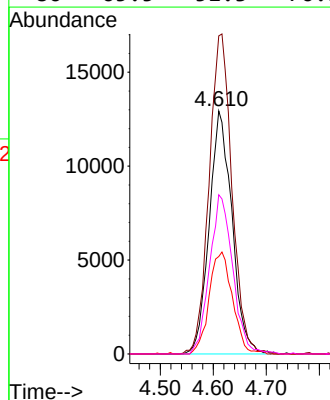
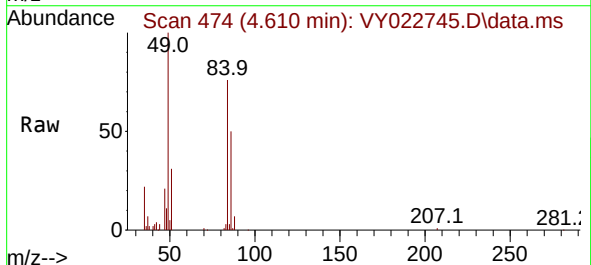
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

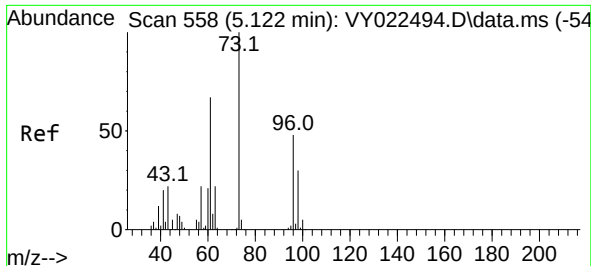
Tgt Ion: 73 Resp: 87026
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.0



#20
Methylene Chloride
Concen: 22.067 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 84 Resp: 38557
Ion Ratio Lower Upper
84 100
49 130.9 101.9 152.9
51 40.1 29.8 44.8
86 65.5 51.3 76.9

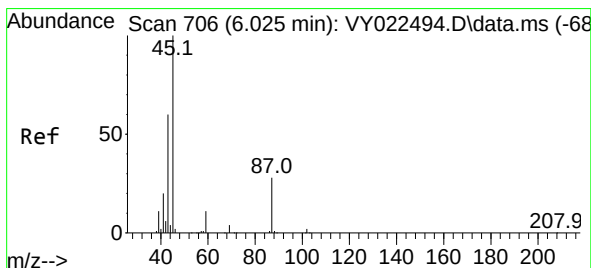
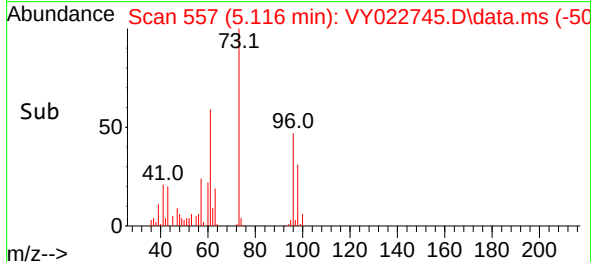
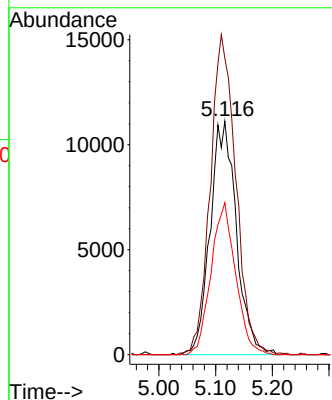
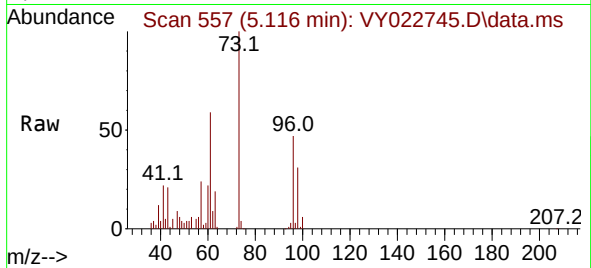




#21
trans-1,2-Dichloroethene
Concen: 22.473 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

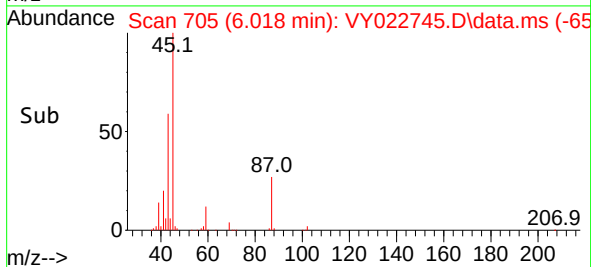
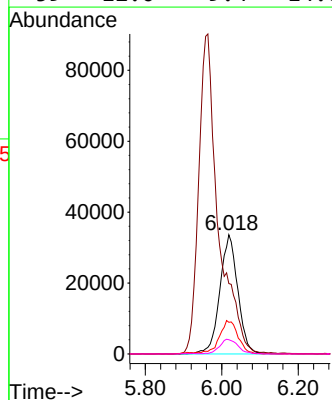
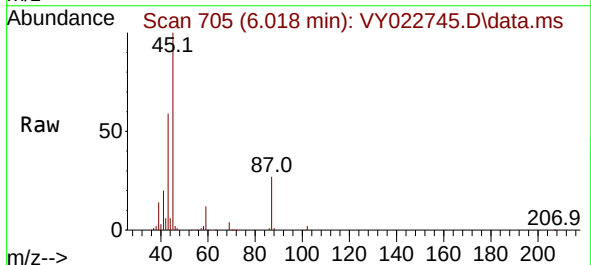
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

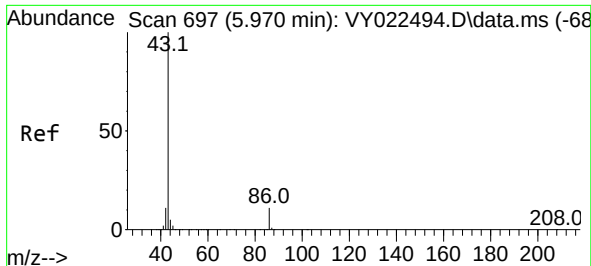
Tgt Ion: 96 Resp: 35720
Ion Ratio Lower Upper
96 100
61 126.3 112.6 169.0
98 65.1 50.6 75.8



#22
Diisopropyl ether
Concen: 22.146 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 45 Resp: 109899
Ion Ratio Lower Upper
45 100
43 59.0 48.3 72.5
87 26.6 23.0 34.6
59 12.0 9.4 14.0

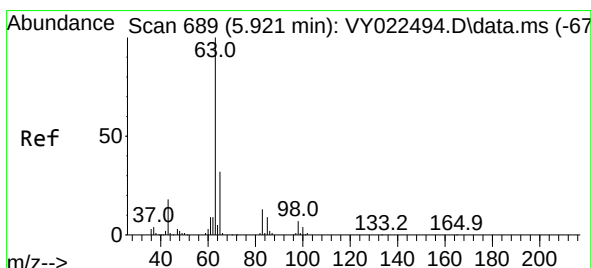
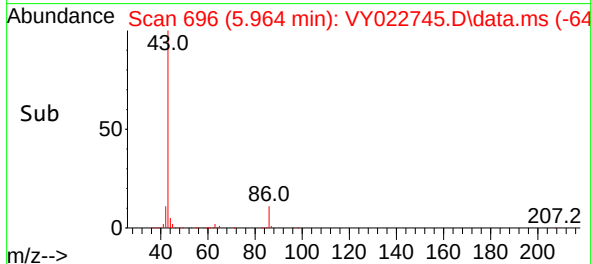
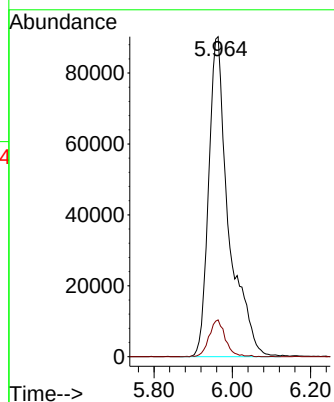
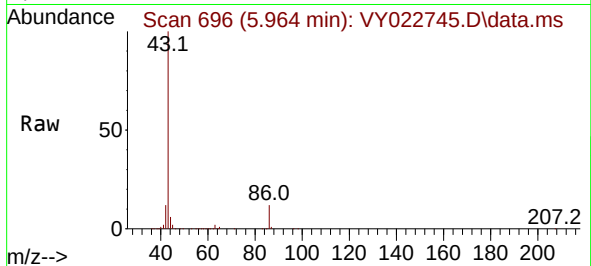




#23
 Vinyl Acetate
 Concen: 109.114 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

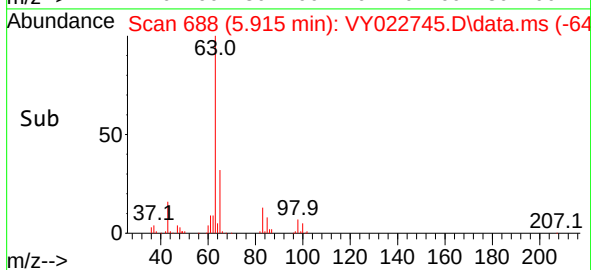
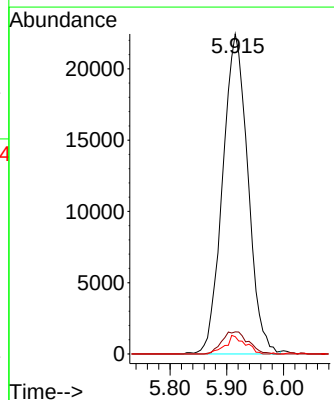
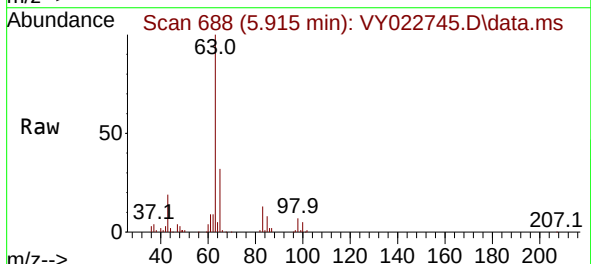
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

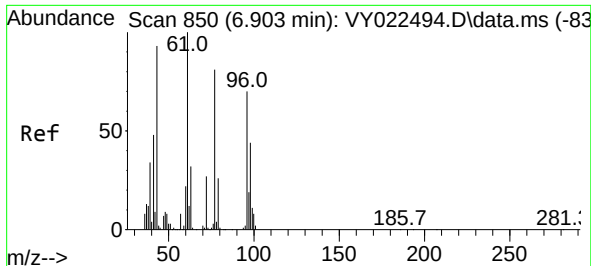
Tgt Ion: 43 Resp: 320488
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.792 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

Tgt Ion: 63 Resp: 69556
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 5.4 2.1 6.3

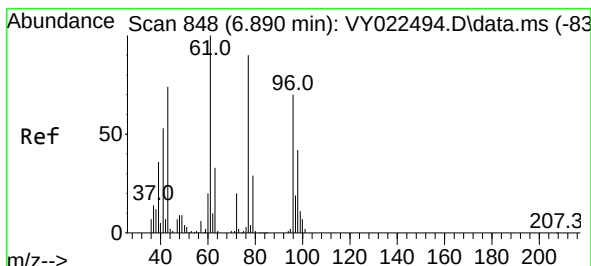
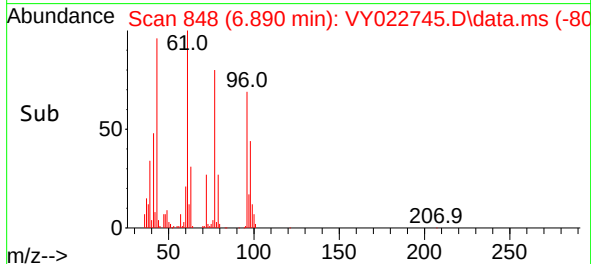
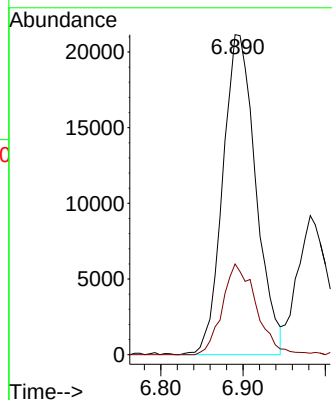
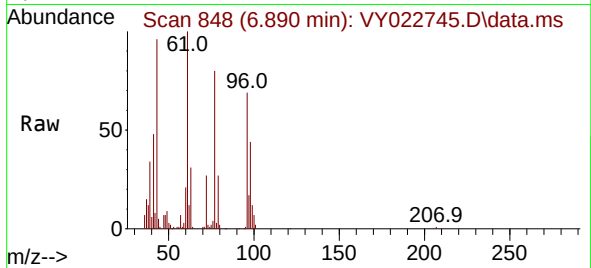




#25
2-Butanone
Concen: 133.202 ug/l
RT: 6.890 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

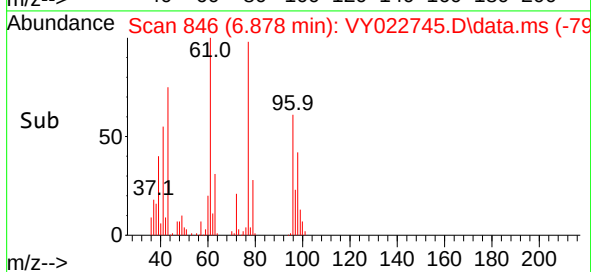
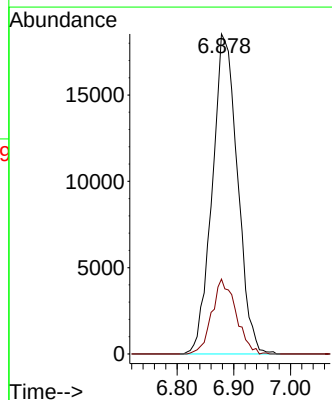
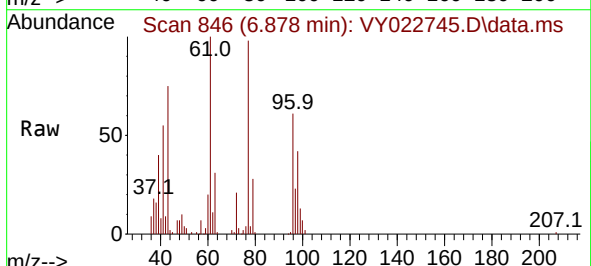
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

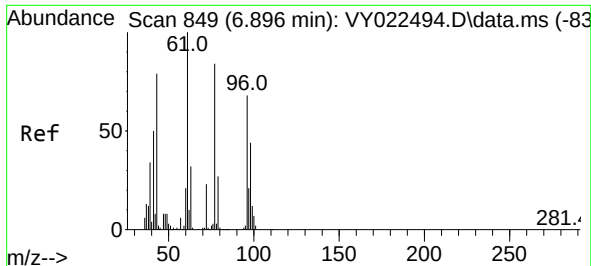
Tgt Ion: 43 Resp: 59102
Ion Ratio Lower Upper
43 100
72 28.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 22.197 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 77 Resp: 57336
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.243 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

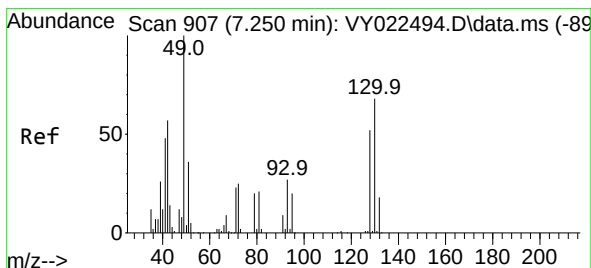
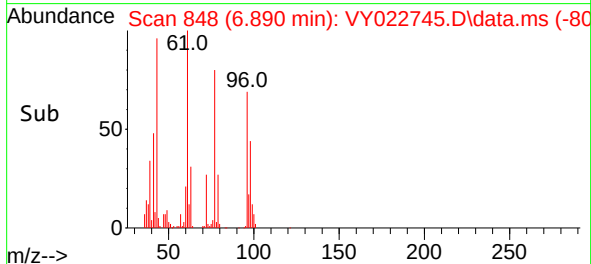
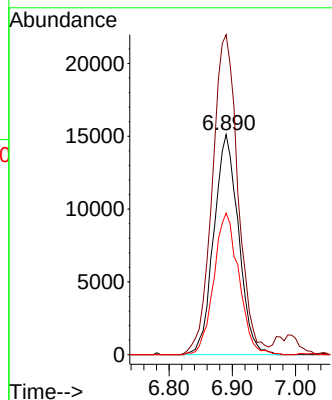
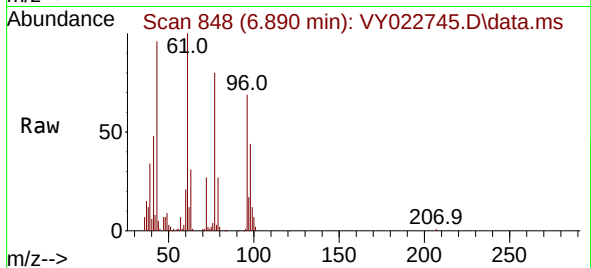
Tgt Ion: 96 Resp: 40864

Ion Ratio Lower Upper

96 100

61 151.8 0.0 290.0

98 65.6 0.0 128.4



#28

Bromochloromethane

Concen: 22.722 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

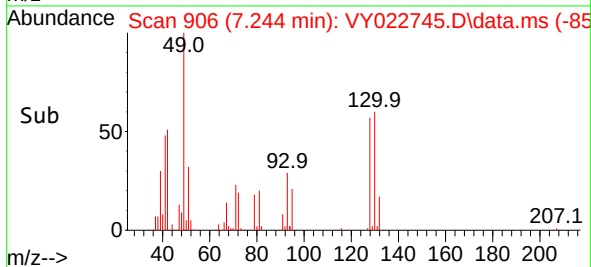
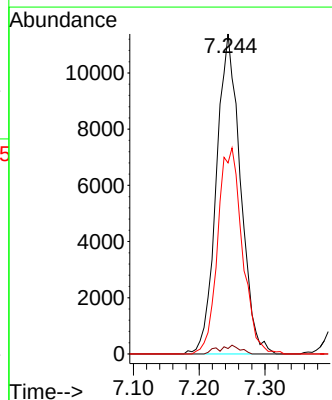
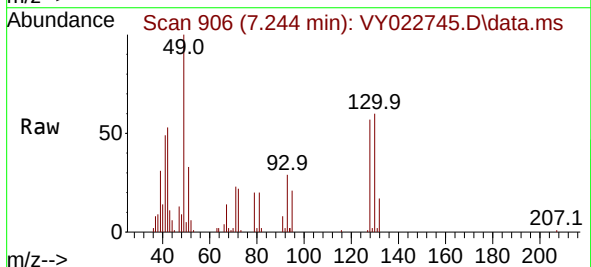
Tgt Ion: 49 Resp: 28957

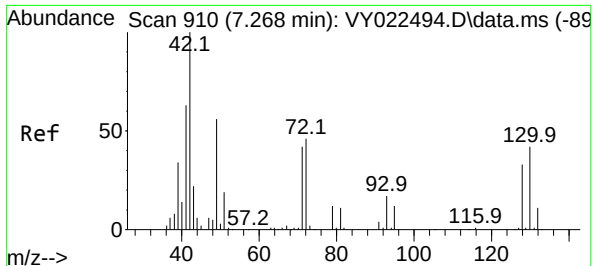
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 65.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 111.471 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

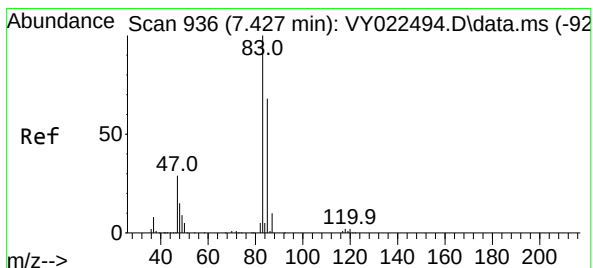
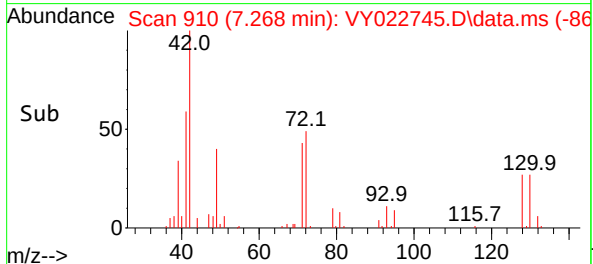
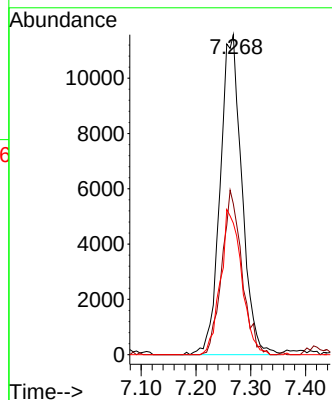
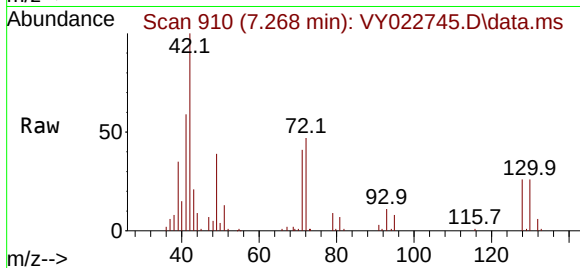
Tgt Ion: 42 Resp: 31900

Ion Ratio Lower Upper

42 100

72 47.4 37.4 56.2

71 44.0 34.2 51.2



#30

Chloroform

Concen: 23.123 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022745.D

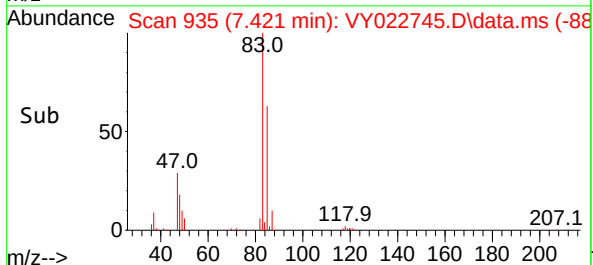
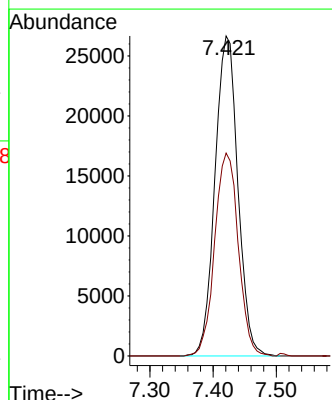
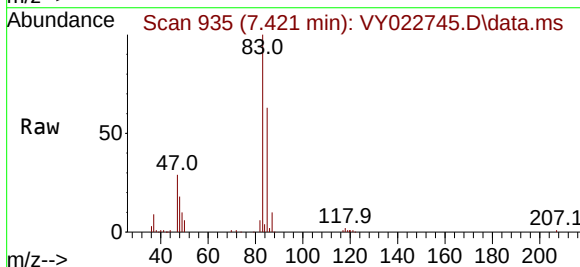
Acq: 19 Jun 2025 10:49

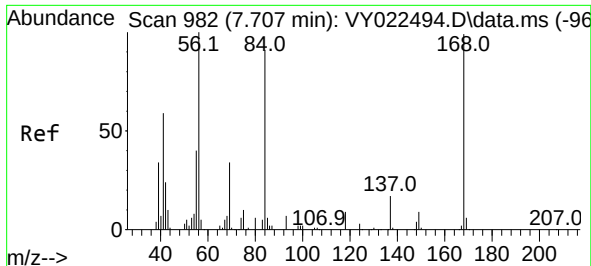
Tgt Ion: 83 Resp: 66956

Ion Ratio Lower Upper

83 100

85 63.4 54.2 81.4

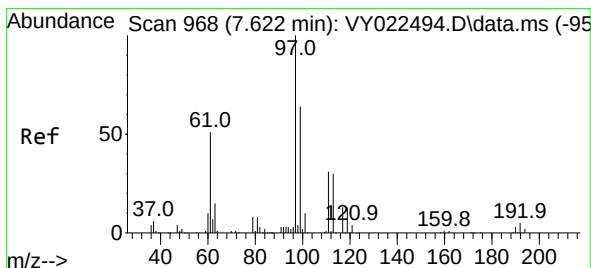
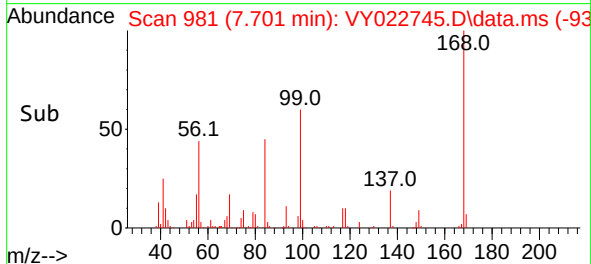
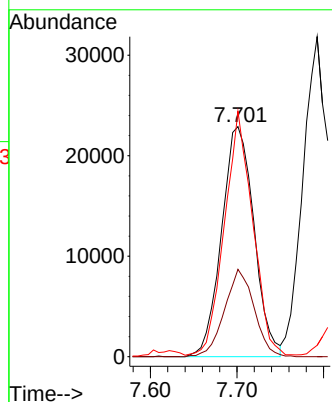
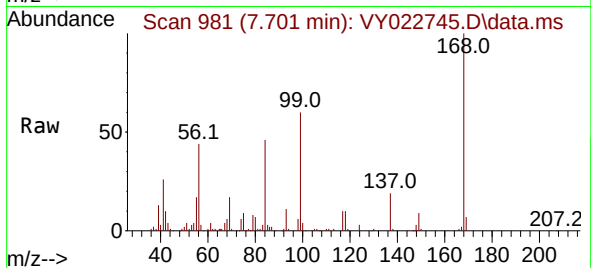




#31
Cyclohexane
Concen: 20.482 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

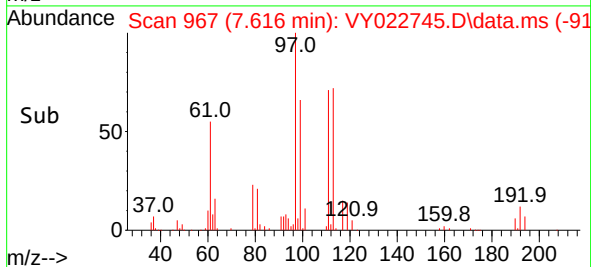
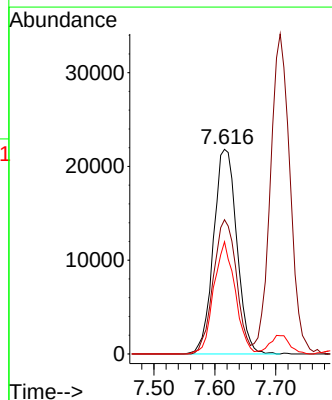
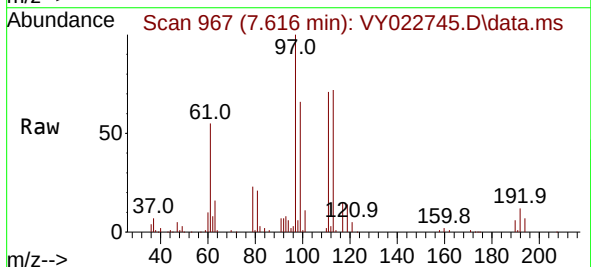
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

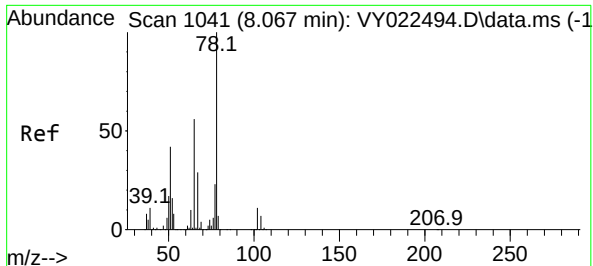
Tgt Ion: 56 Resp: 59613
Ion Ratio Lower Upper
56 100
69 37.9 27.0 40.6
84 105.0 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.561 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 97 Resp: 57994
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 50.5 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.450 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

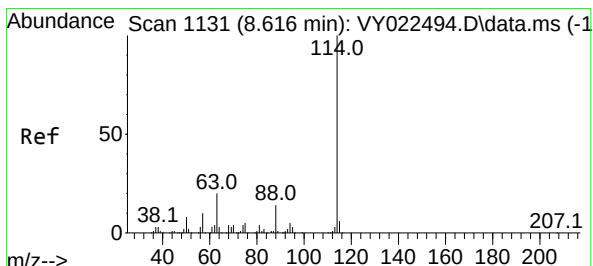
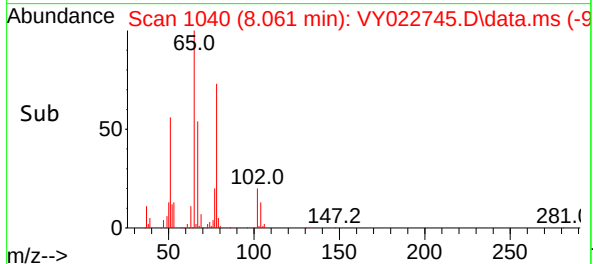
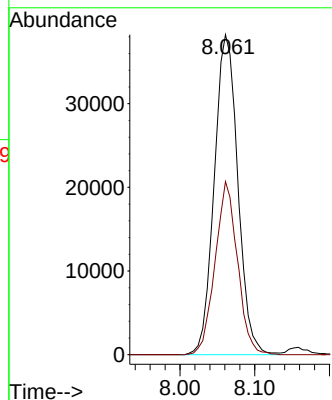
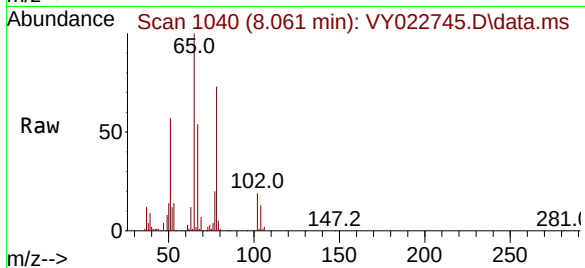
VY0619SBS01

Tgt Ion: 65 Resp: 83987

Ion Ratio Lower Upper

65 100

67 51.4 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: VY022745.D

Acq: 19 Jun 2025 10:49

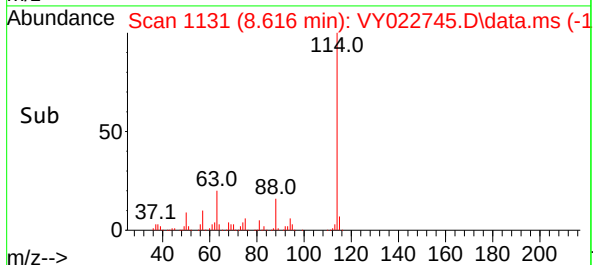
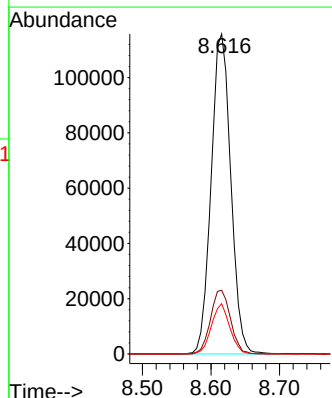
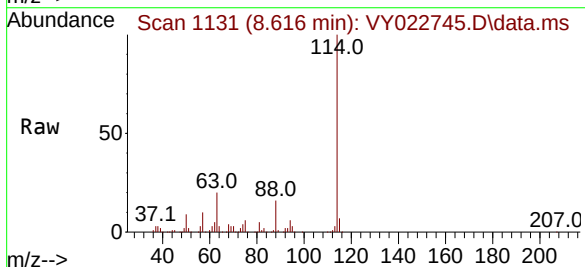
Tgt Ion: 114 Resp: 230490

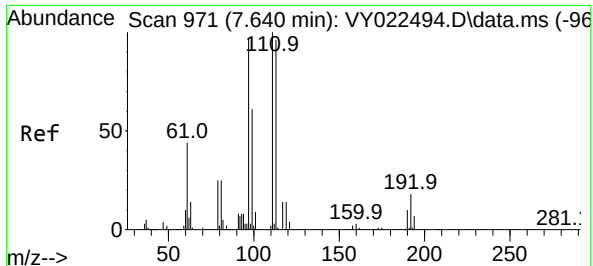
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.7 0.0 27.8





#35

Dibromofluoromethane

Concen: 53.784 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

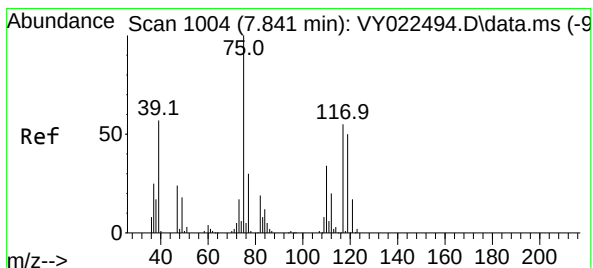
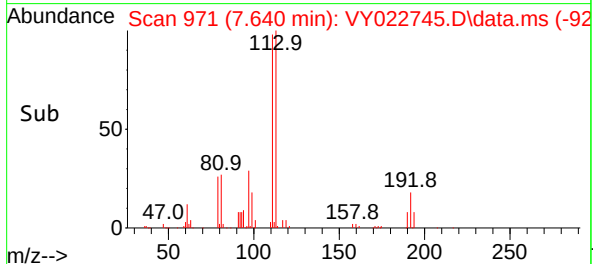
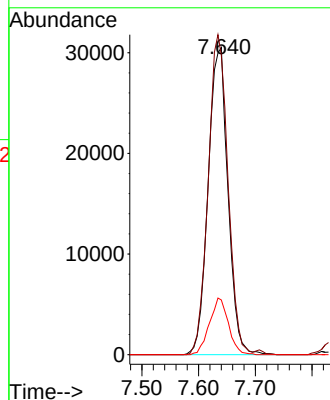
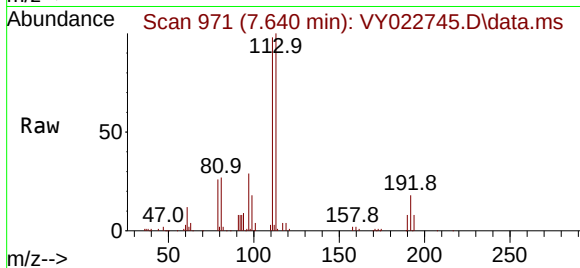
Tgt Ion:113 Resp: 73993

Ion Ratio Lower Upper

113 100

111 103.9 81.1 121.7

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 21.512 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

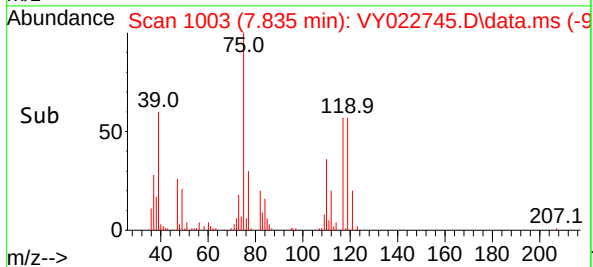
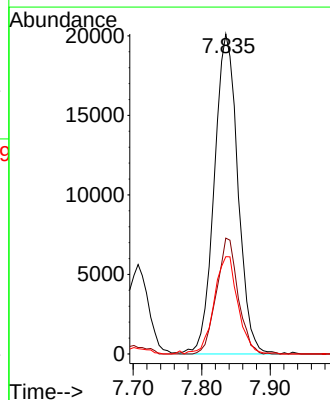
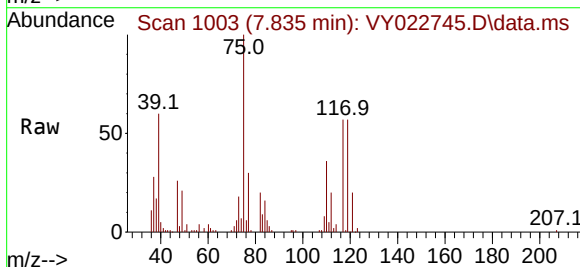
Tgt Ion: 75 Resp: 48032

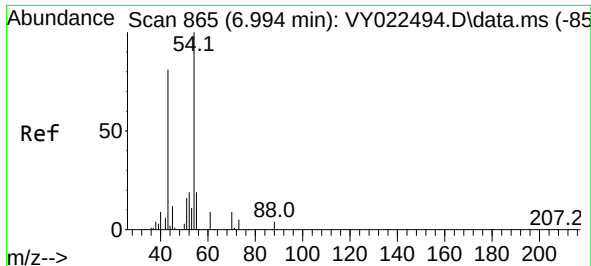
Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.7

77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 24.345 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

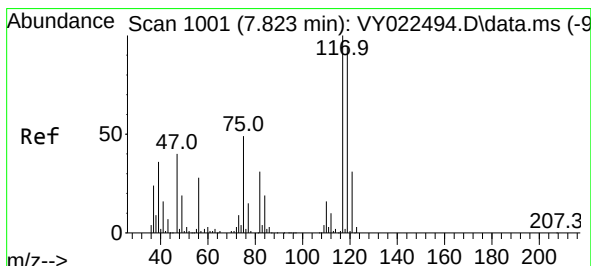
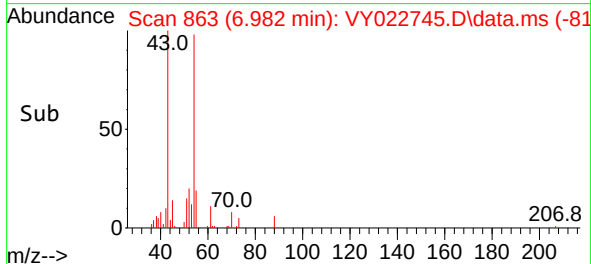
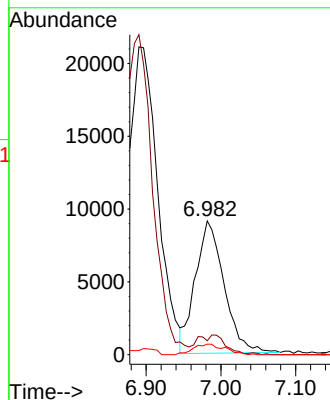
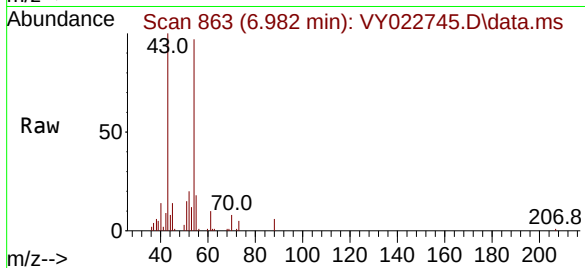
Tgt Ion: 43 Resp: 24241

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 8.8 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.709 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

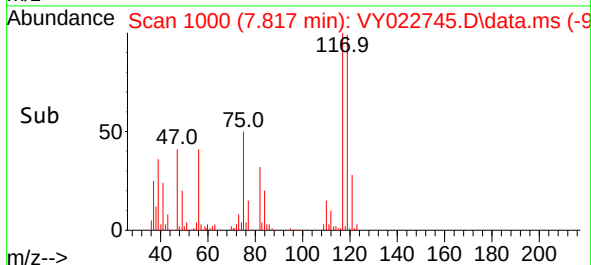
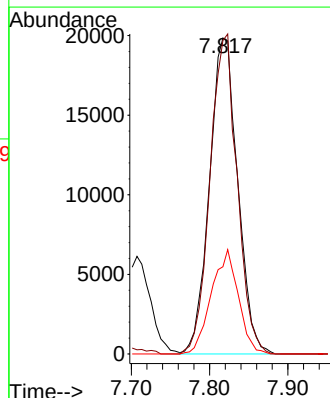
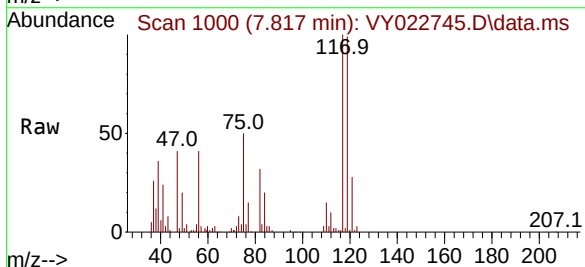
Tgt Ion: 117 Resp: 49727

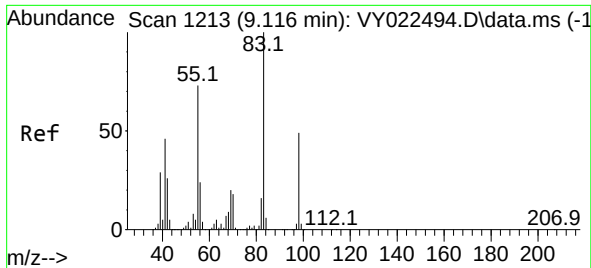
Ion Ratio Lower Upper

117 100

119 99.2 75.0 112.6

121 27.6 25.0 37.4

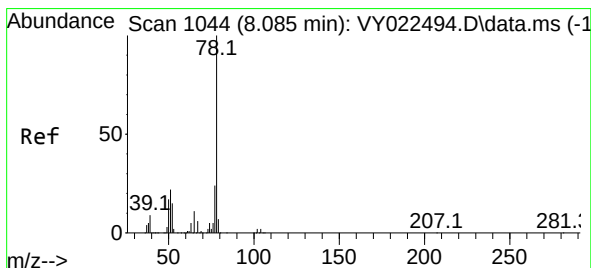
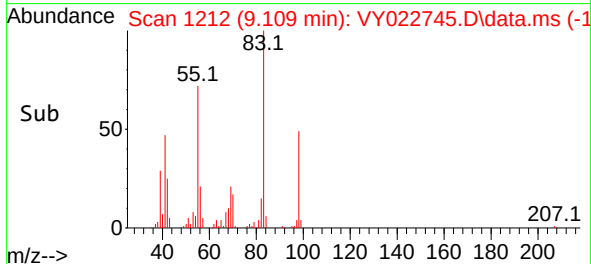
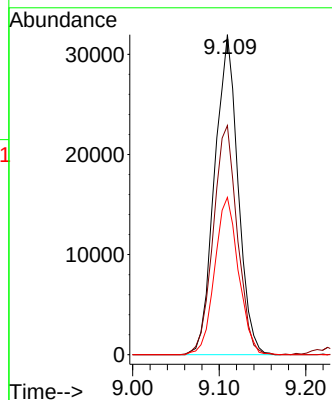
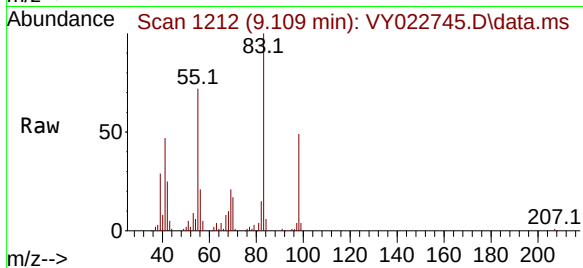




#39
Methylcyclohexane
Concen: 19.994 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

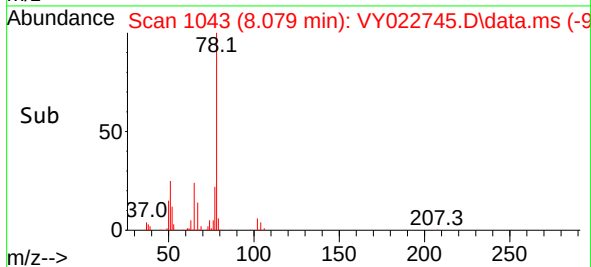
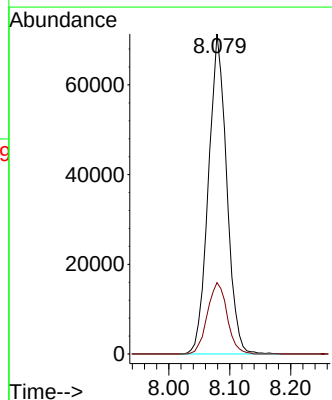
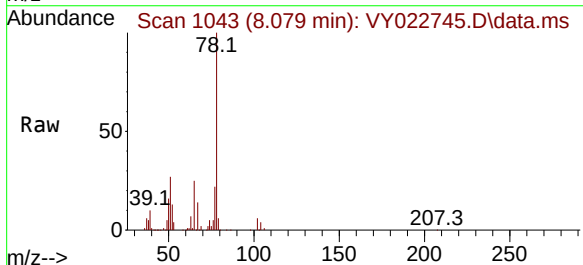
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

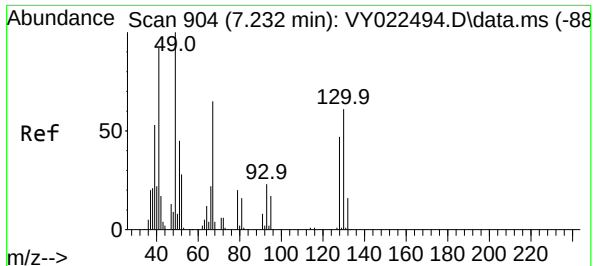
Tgt Ion: 83 Resp: 59995
Ion Ratio Lower Upper
83 100
55 71.6 58.1 87.1
98 49.1 39.0 58.6



#40
Benzene
Concen: 22.535 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 78 Resp: 148616
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9

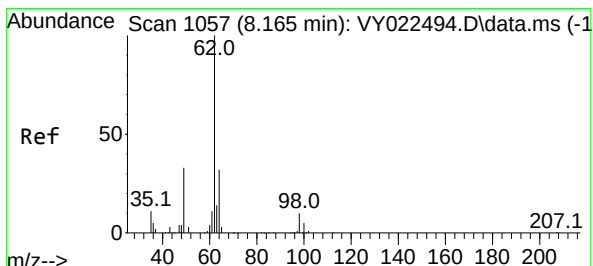
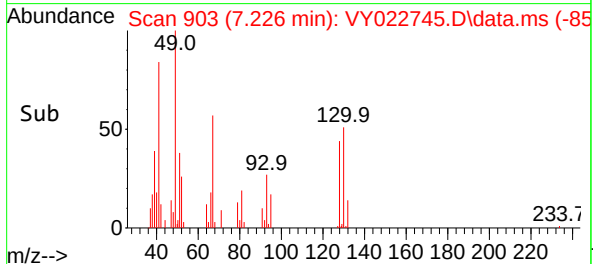
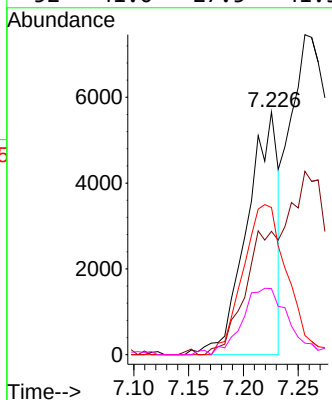
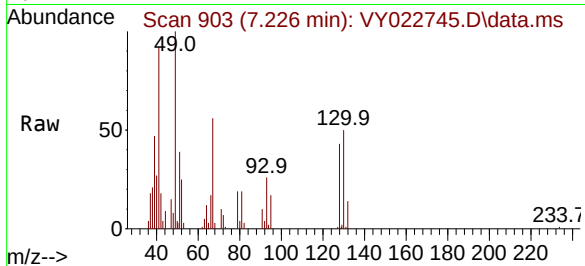




#41
Methacrylonitrile
Concen: 19.221 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

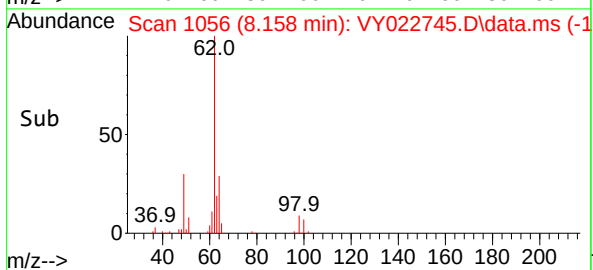
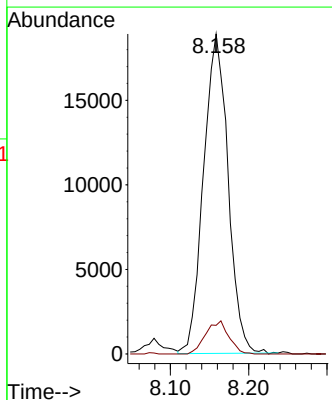
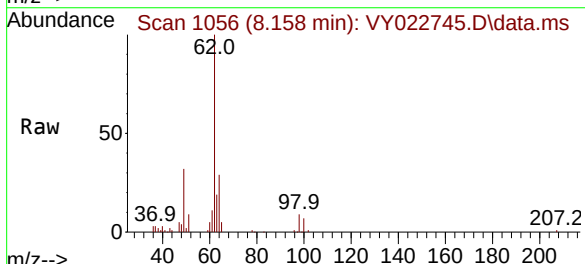
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

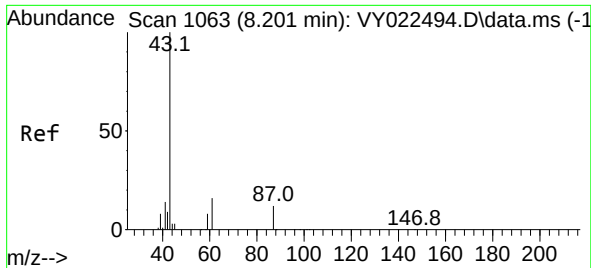
Tgt Ion:	41	Resp:	11179
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	69.8#
67	87.7	63.3	94.9
52	41.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 22.813 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:	62	Resp:	41080
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

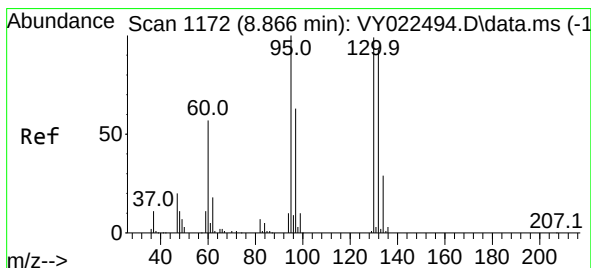
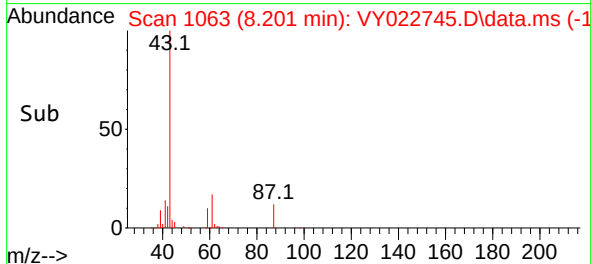
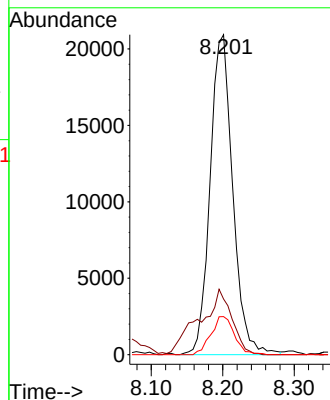
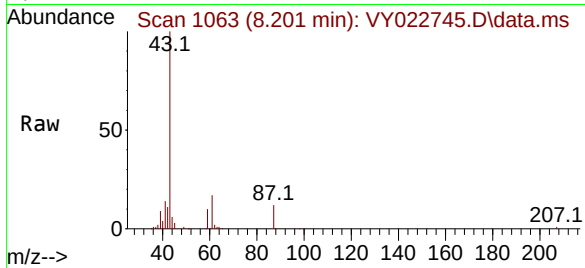




#43
Isopropyl Acetate
Concen: 21.419 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

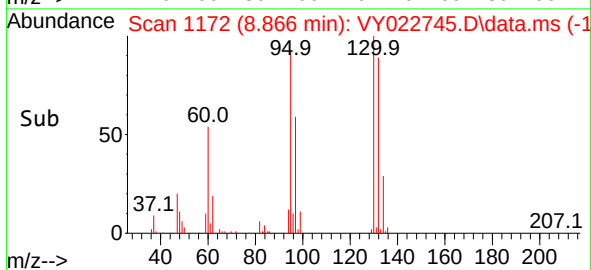
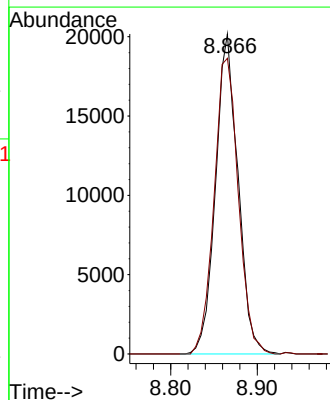
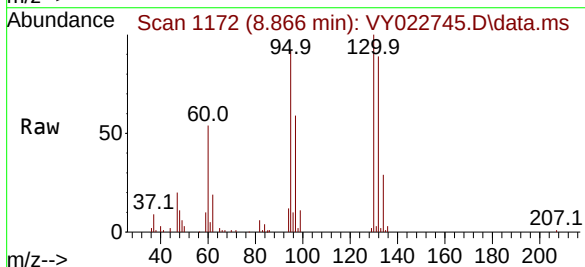
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

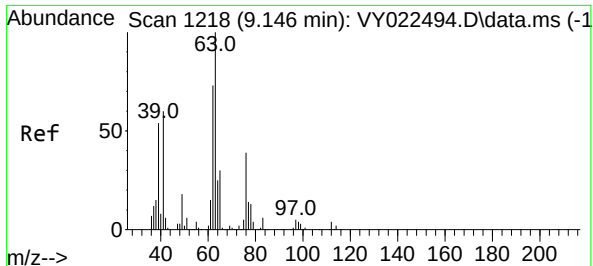
Tgt Ion: 43 Resp: 46062
Ion Ratio Lower Upper
43 100
61 29.4 15.6 23.4#
87 12.3 10.2 15.4



#44
Trichloroethene
Concen: 22.498 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:130 Resp: 36262
Ion Ratio Lower Upper
130 100
95 92.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 23.362 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

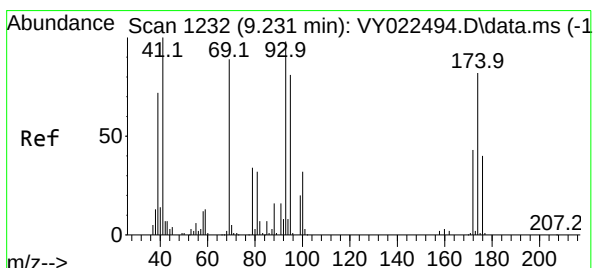
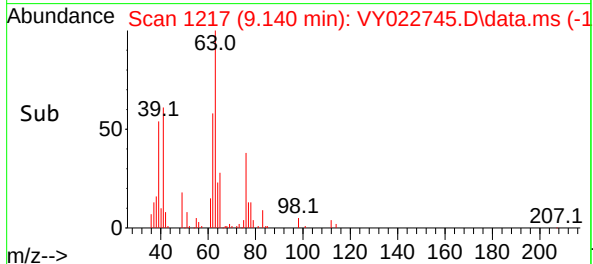
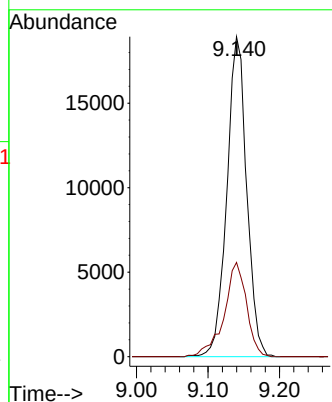
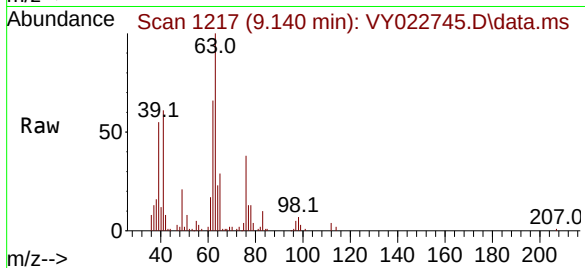
VY0619SBS01

Tgt Ion: 63 Resp: 36412

Ion Ratio Lower Upper

63 100

65 29.4 24.0 36.0



#46

Dibromomethane

Concen: 22.747 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

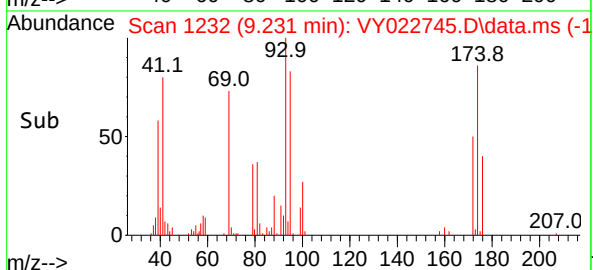
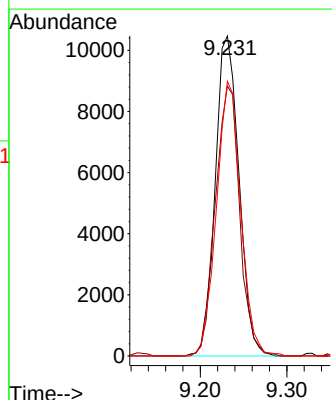
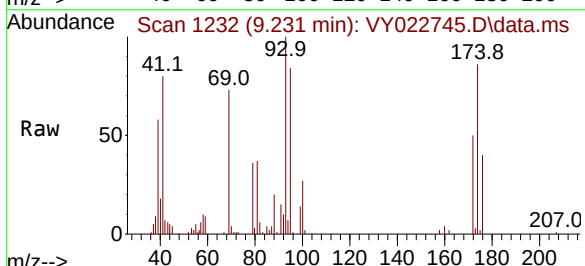
Tgt Ion: 93 Resp: 19946

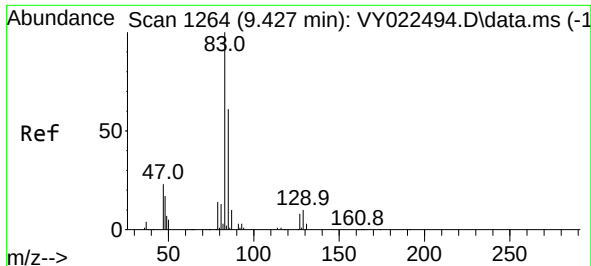
Ion Ratio Lower Upper

93 100

95 86.4 65.6 98.4

174 87.6 70.4 105.6





#47

Bromodichloromethane

Concen: 22.909 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

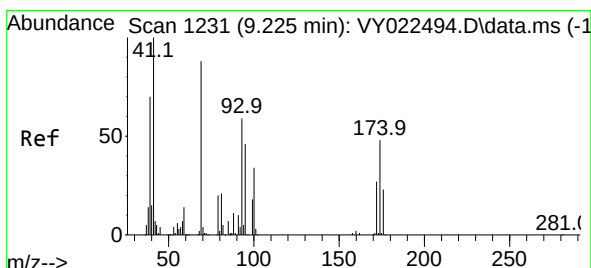
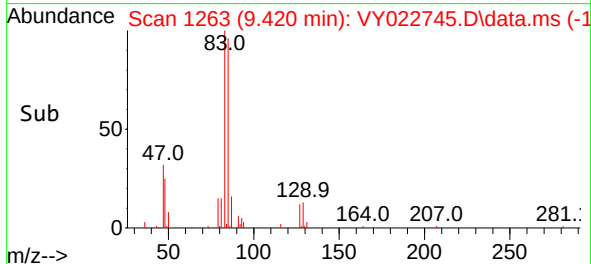
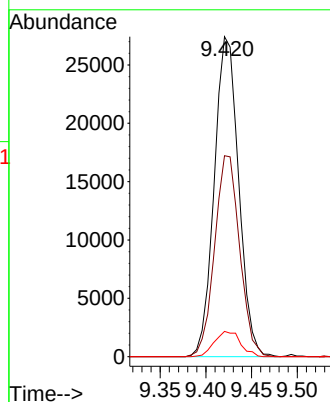
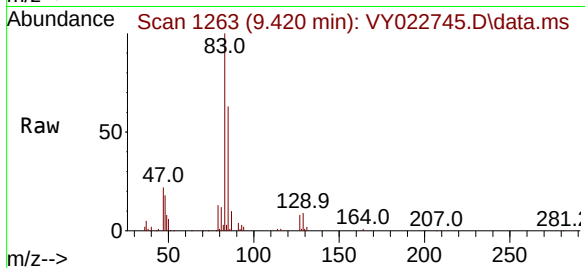
Tgt Ion: 83 Resp: 50934

Ion Ratio Lower Upper

83 100

85 62.8 49.1 73.7

127 7.9 6.2 9.4



#48

Methyl methacrylate

Concen: 20.085 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

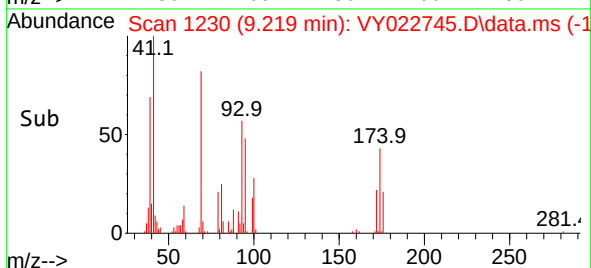
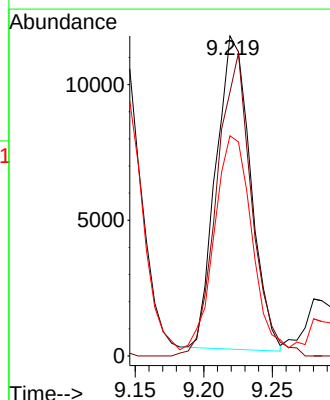
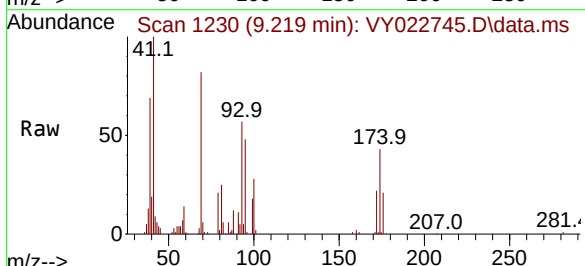
Tgt Ion: 41 Resp: 20272

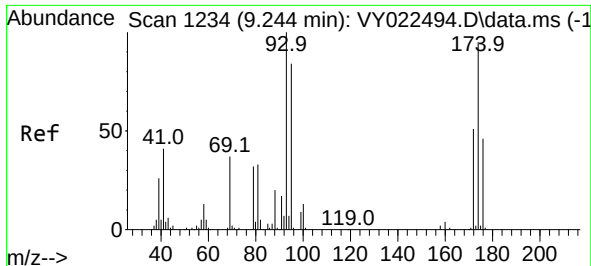
Ion Ratio Lower Upper

41 100

69 97.2 67.8 101.8

39 73.7 55.0 82.4





#49

1,4-Dioxane

Concen: 440.604 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBSD01

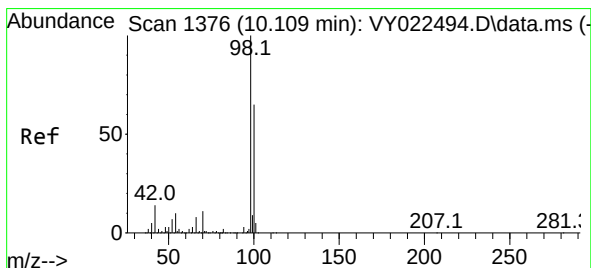
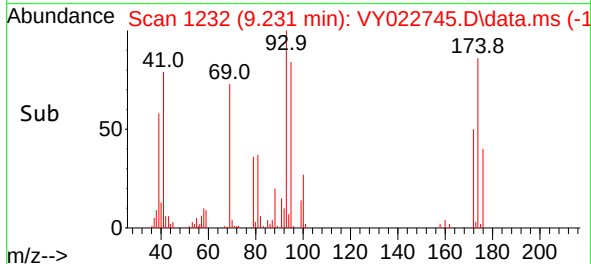
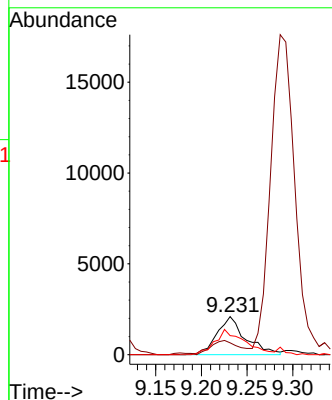
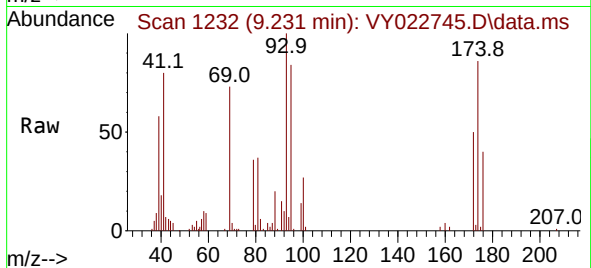
Tgt Ion: 88 Resp: 4577

Ion Ratio Lower Upper

88 100

43 35.2 25.4 38.2

58 68.5 54.9 82.3



#50

Toluene-d8

Concen: 53.486 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022745.D

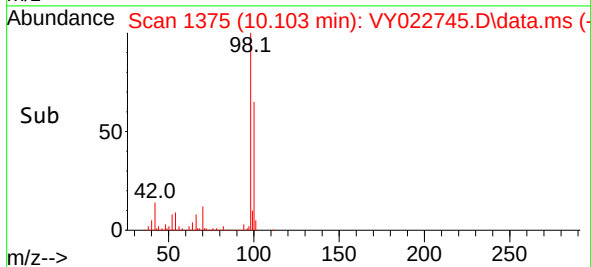
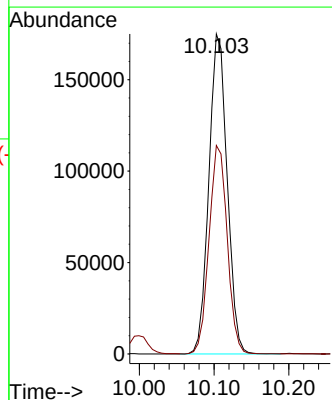
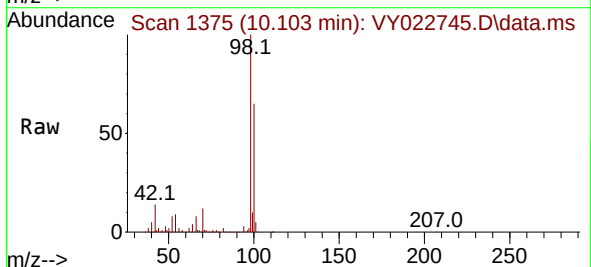
Acq: 19 Jun 2025 10:49

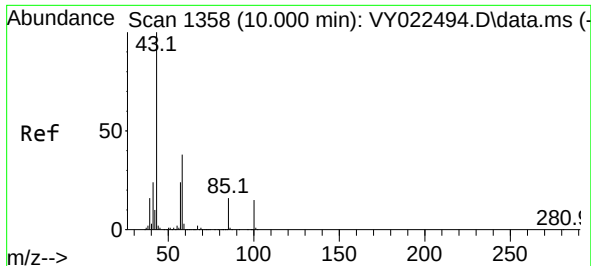
Tgt Ion: 98 Resp: 297322

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

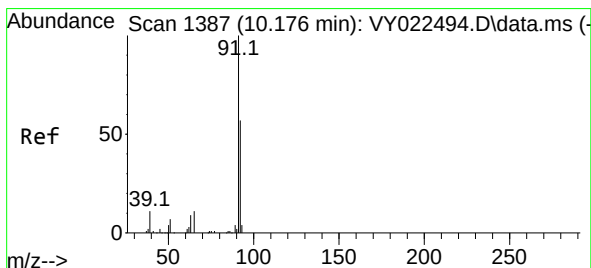
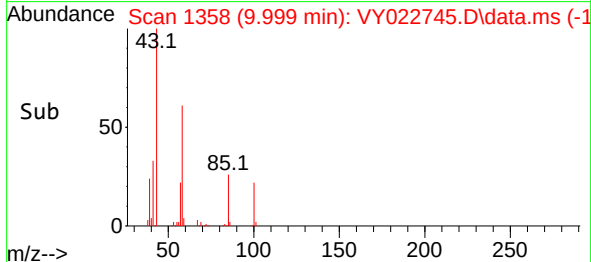
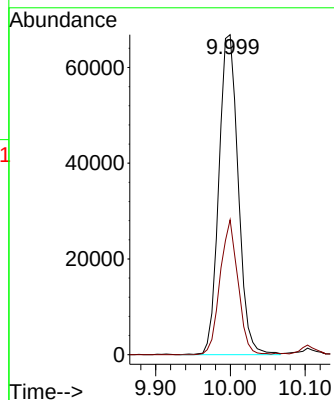
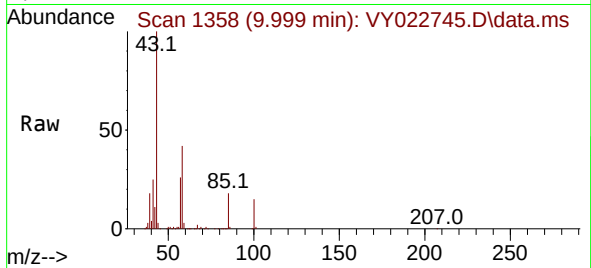




#51
4-Methyl-2-Pentanone
Concen: 112.131 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

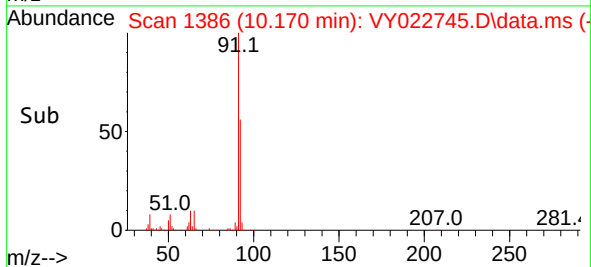
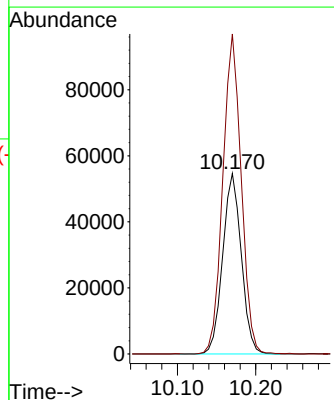
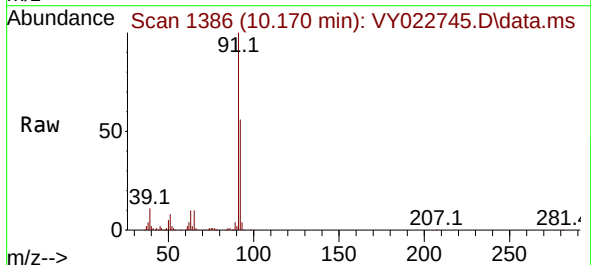
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

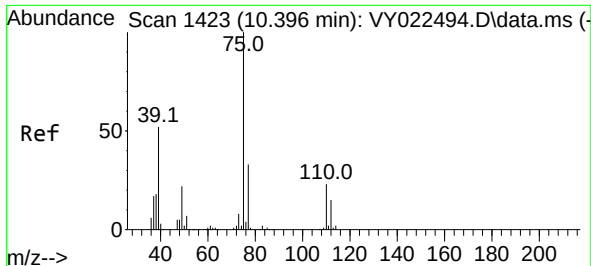
Tgt Ion: 43 Resp: 120225
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6



#52
Toluene
Concen: 21.735 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 92 Resp: 90080
Ion Ratio Lower Upper
92 100
91 175.7 139.0 208.4

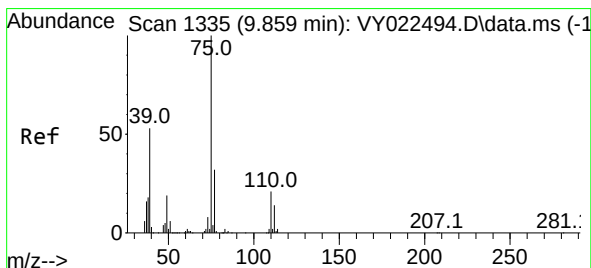
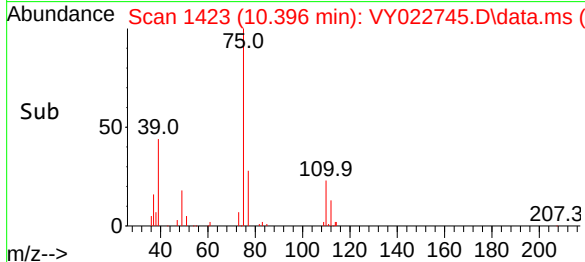
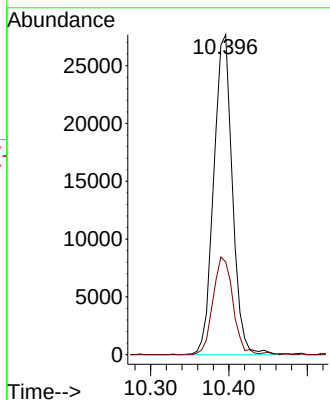
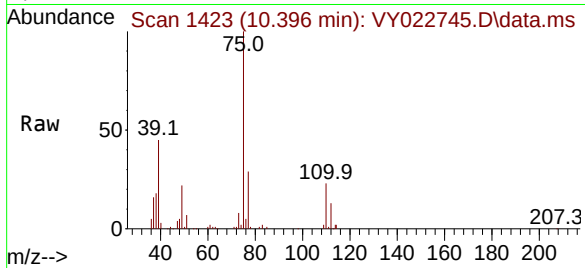




#53
 t-1,3-Dichloropropene
 Concen: 22.010 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

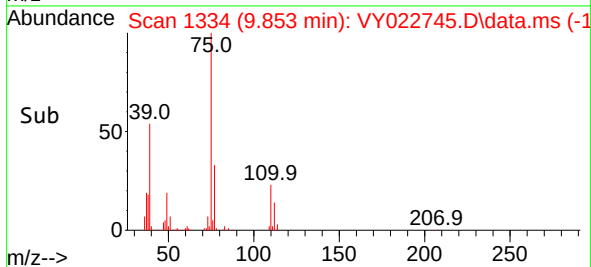
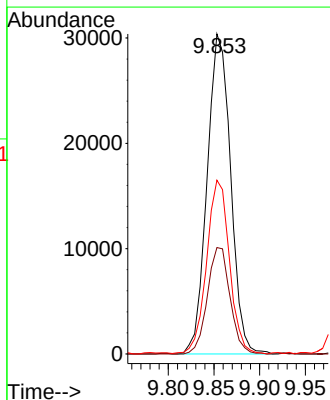
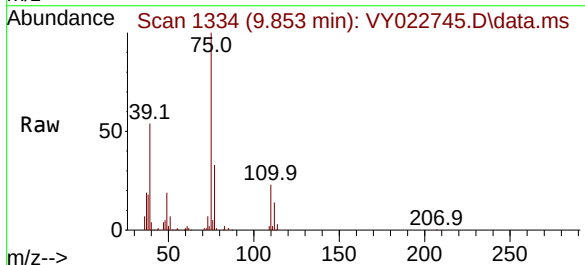
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

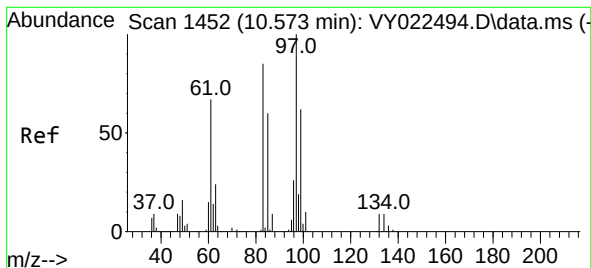
Tgt Ion: 75 Resp: 45852
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.433 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

Tgt Ion: 75 Resp: 54401
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.3 37.9
 39 53.9 42.7 64.1

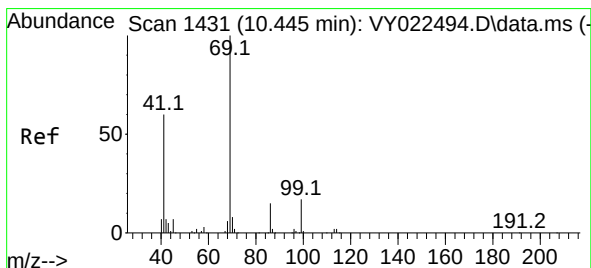
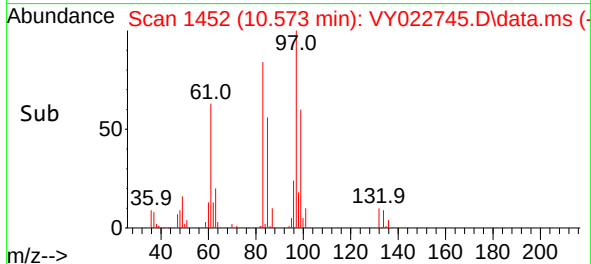
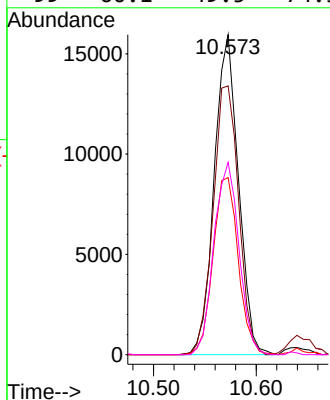
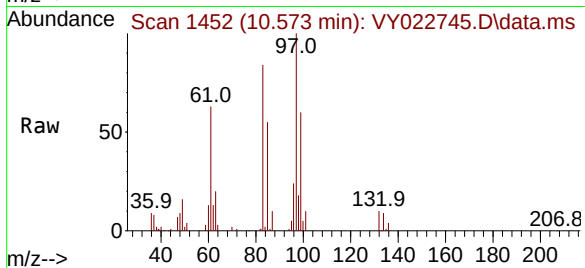




#55
1,1,2-Trichloroethane
Concen: 23.327 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

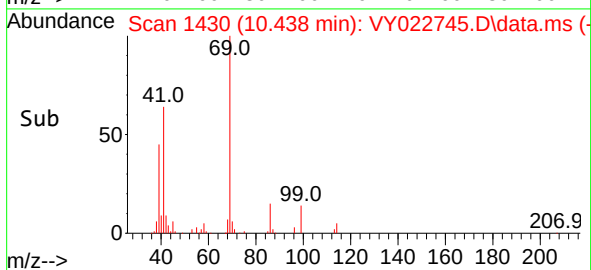
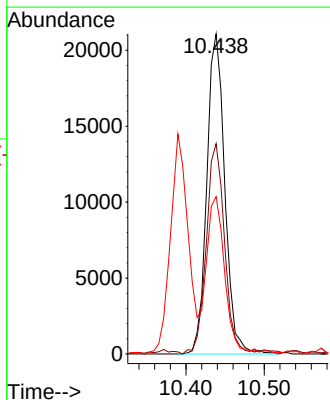
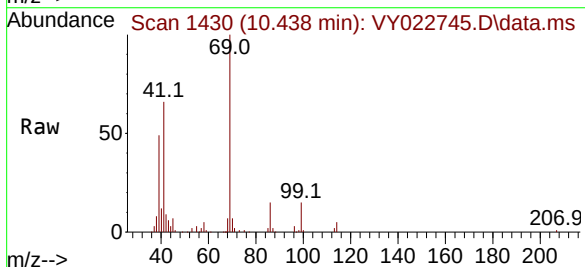
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

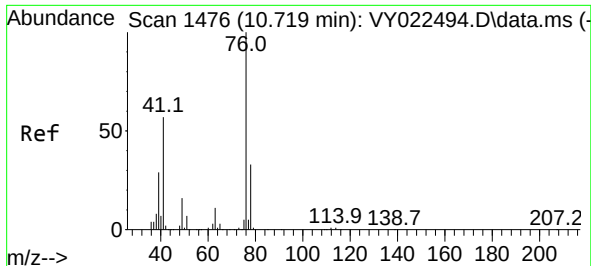
Tgt Ion:	97	Resp:	26082
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.1	102.1
85	55.4	48.2	72.2
99	60.1	49.5	74.3



#56
Ethyl methacrylate
Concen: 20.749 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:	69	Resp:	33531
Ion	Ratio	Lower	Upper
69	100		
41	66.5	52.2	78.2
39	50.1	36.7	55.1





#57

1,3-Dichloropropane

Concen: 23.091 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

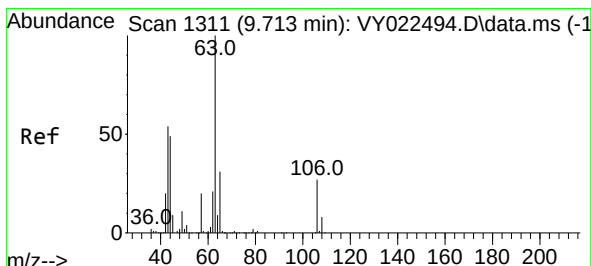
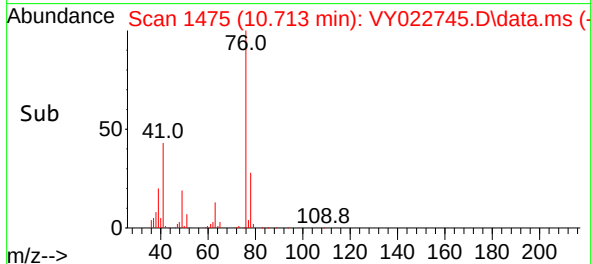
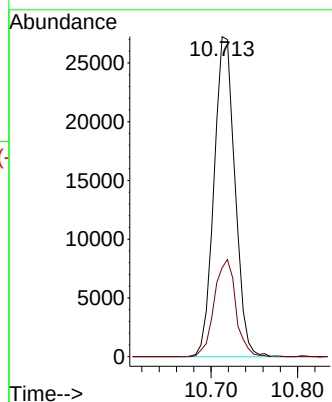
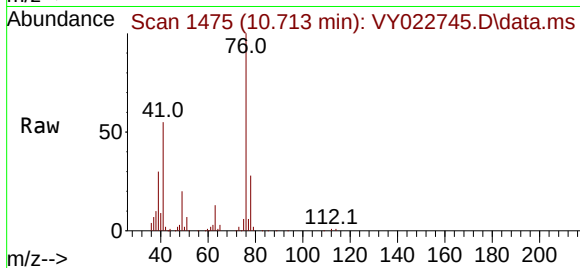
VY0619SBS01

Tgt Ion: 76 Resp: 45759

Ion Ratio Lower Upper

76 100

78 31.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 116.408 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022745.D

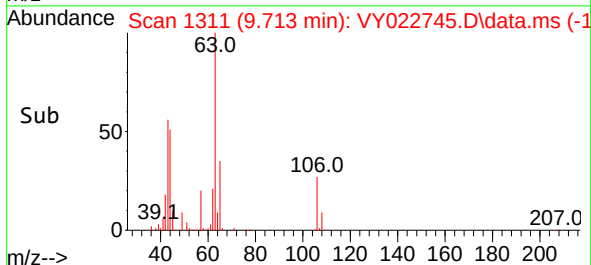
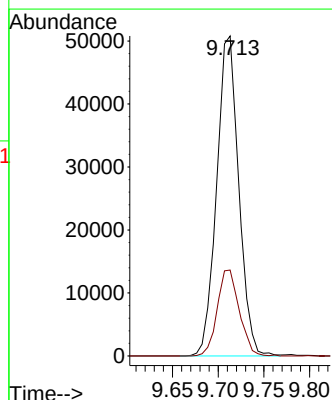
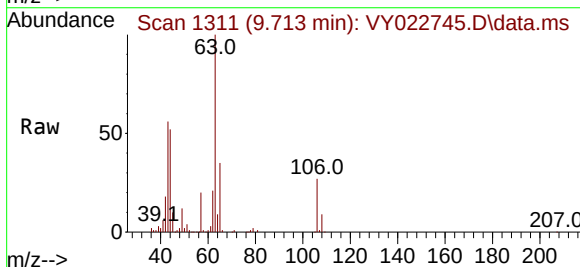
Acq: 19 Jun 2025 10:49

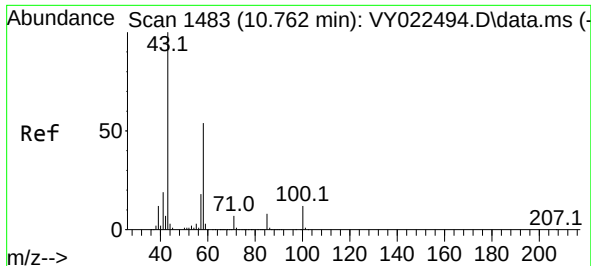
Tgt Ion: 63 Resp: 85409

Ion Ratio Lower Upper

63 100

106 26.8 21.6 32.4

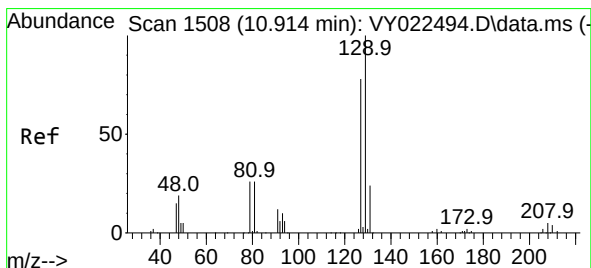
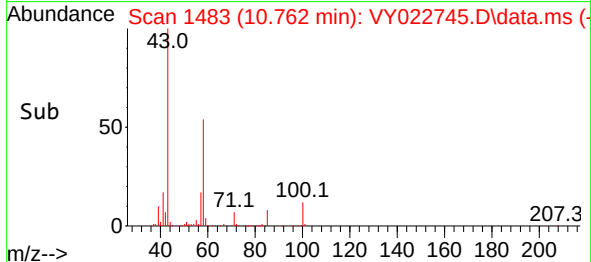
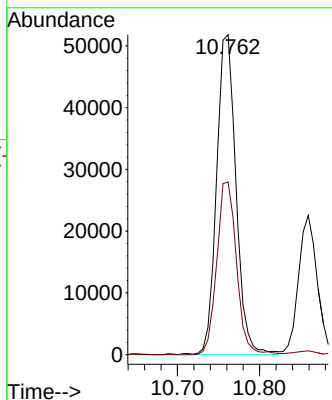
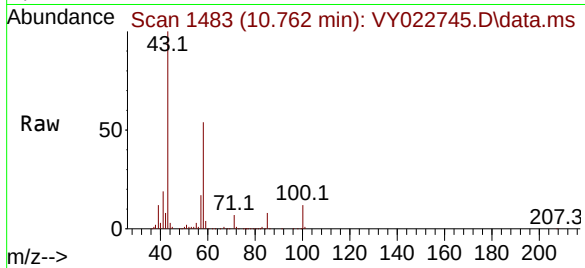




#59
2-Hexanone
Concen: 118.668 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

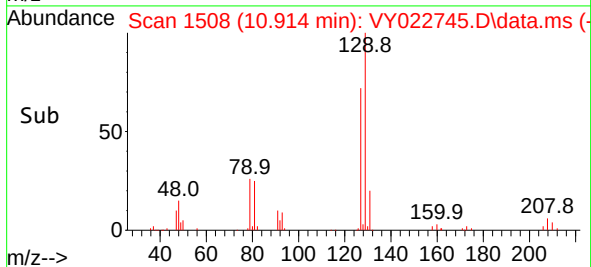
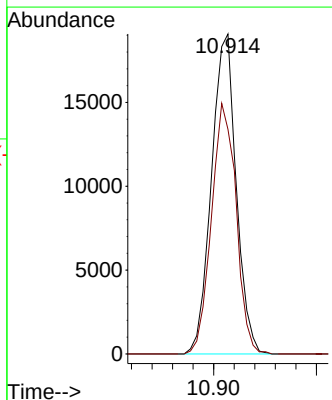
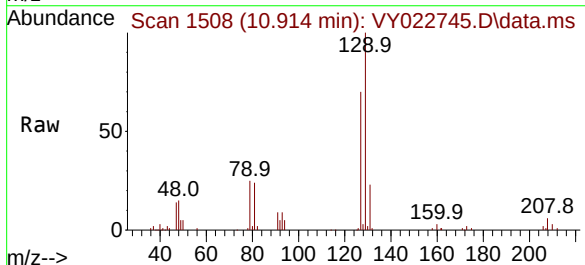
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

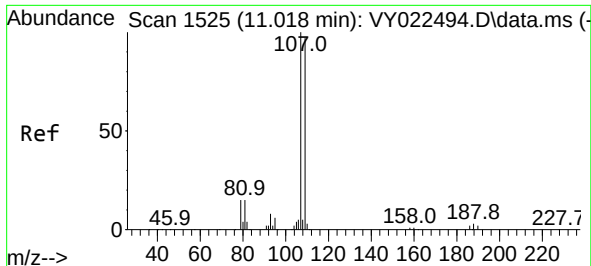
Tgt Ion: 43 Resp: 85093
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 22.422 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 129 Resp: 31860
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2

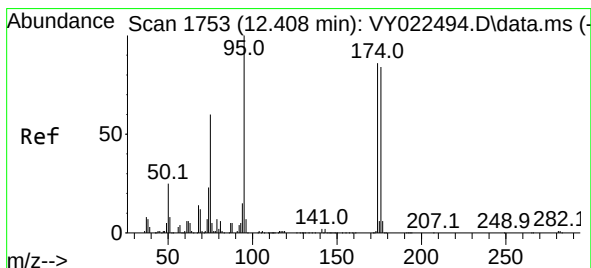
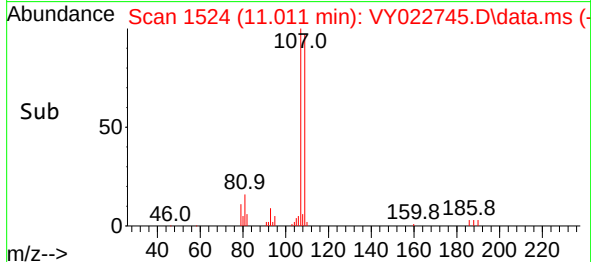
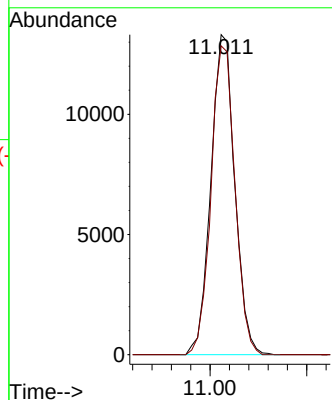
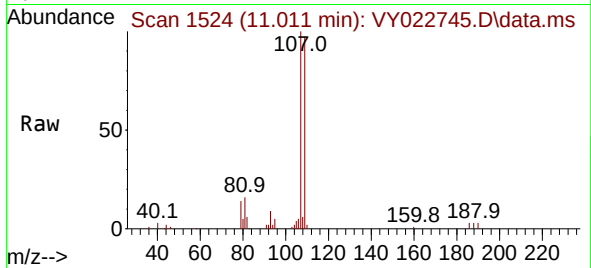




#61
1,2-Dibromoethane
Concen: 22.432 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

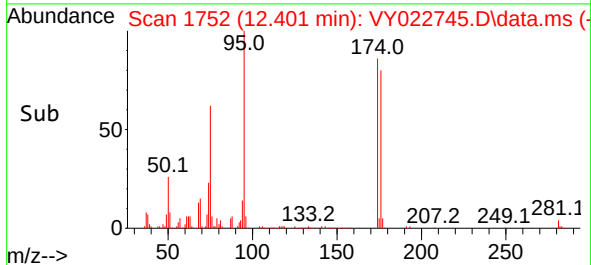
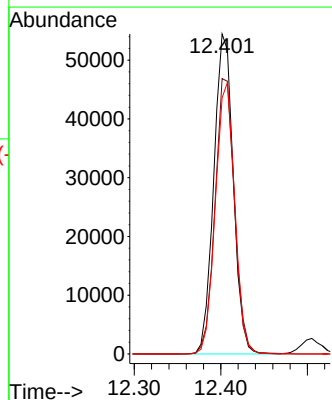
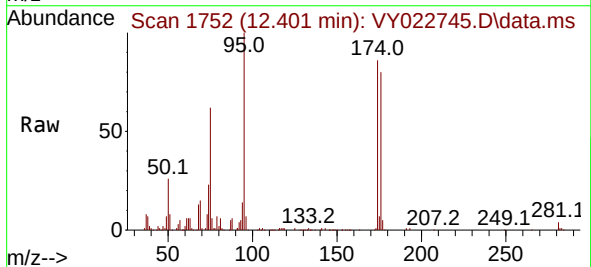
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

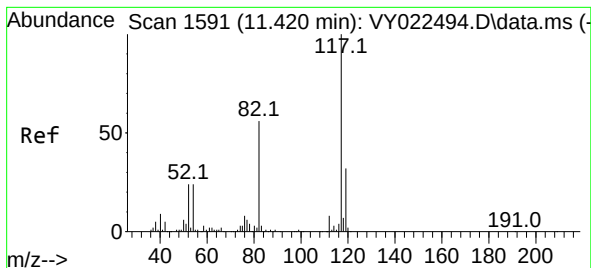
Tgt Ion:107 Resp: 22860
Ion Ratio Lower Upper
107 100
109 96.4 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 95 Resp: 85284
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.0
176 83.7 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: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

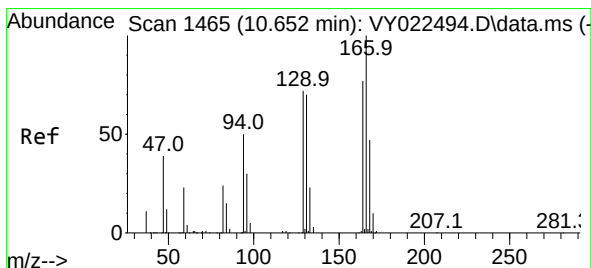
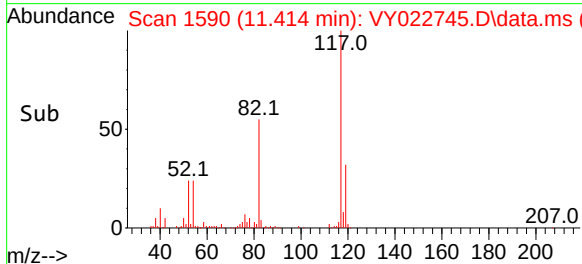
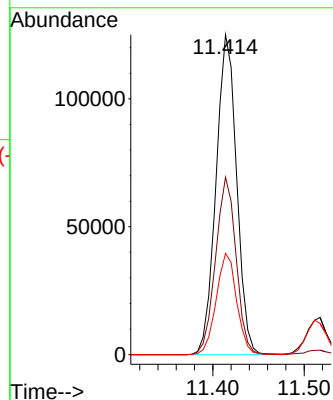
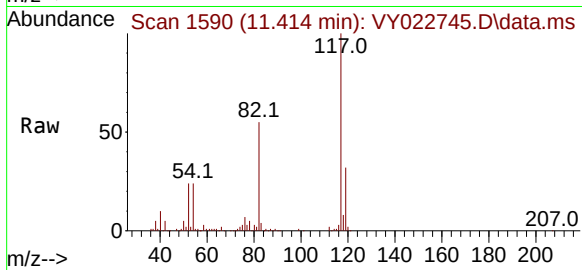
Tgt Ion:117 Resp: 196060

Ion Ratio Lower Upper

117 100

82 55.5 44.6 66.8

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 25.552 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion:164 Resp: 43094

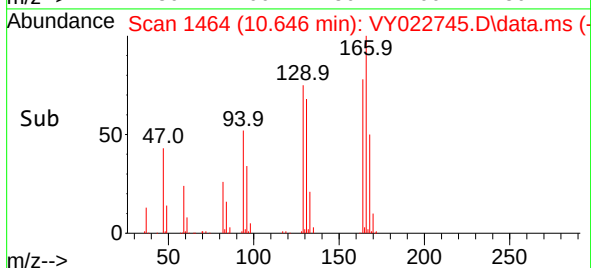
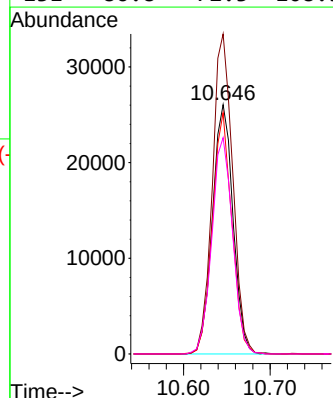
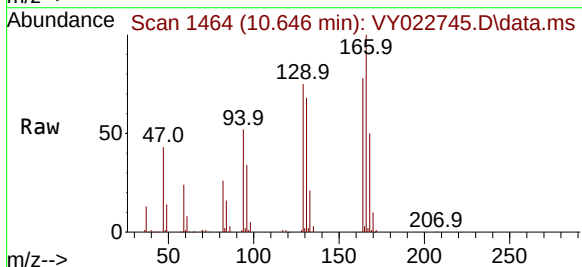
Ion Ratio Lower Upper

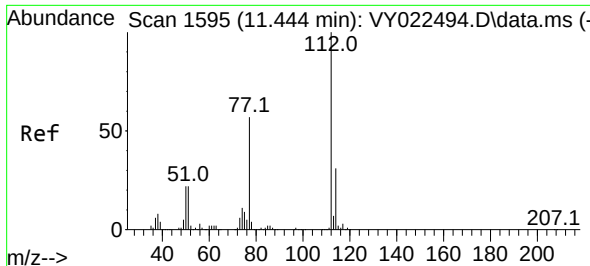
164 100

166 128.4 104.0 156.0

129 96.8 74.5 111.7

131 86.8 72.3 108.5

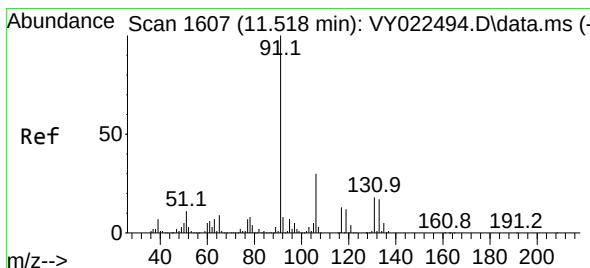
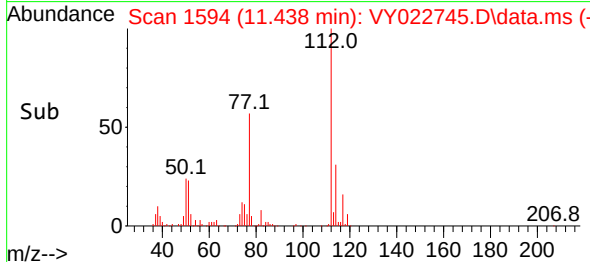
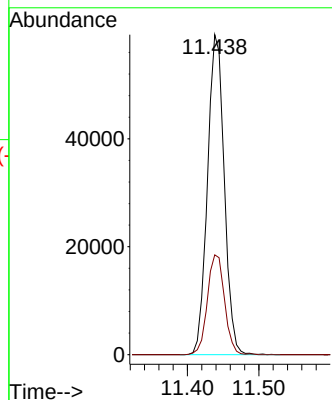
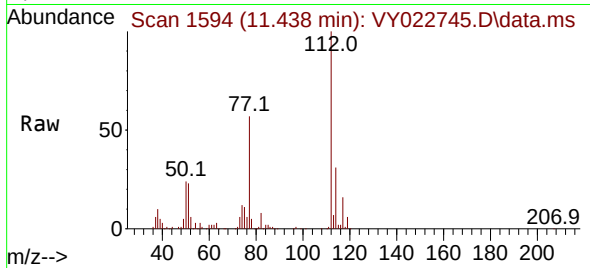




#65
Chlorobenzene
Concen: 22.264 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

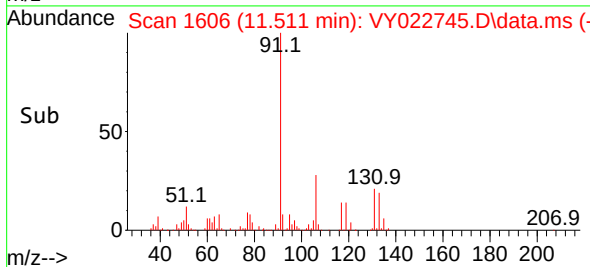
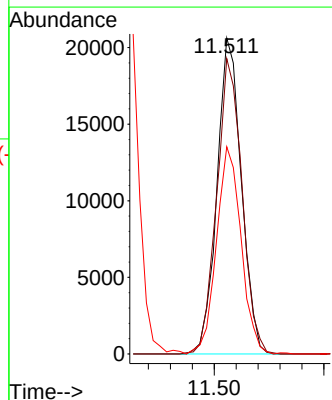
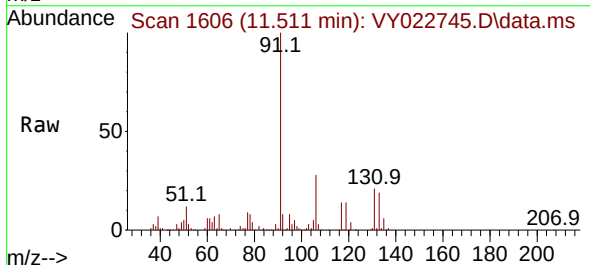
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

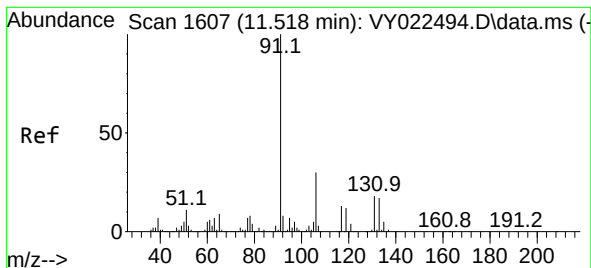
Tgt Ion:112 Resp: 96594
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.789 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:131 Resp: 31846
Ion Ratio Lower Upper
131 100
133 96.9 47.3 141.8
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 21.021 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

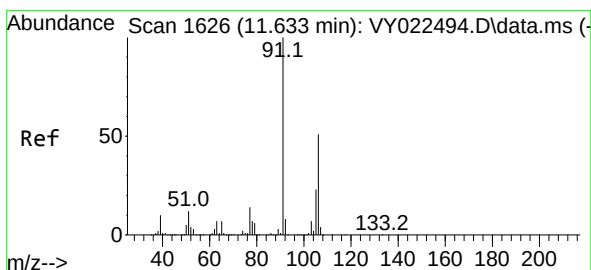
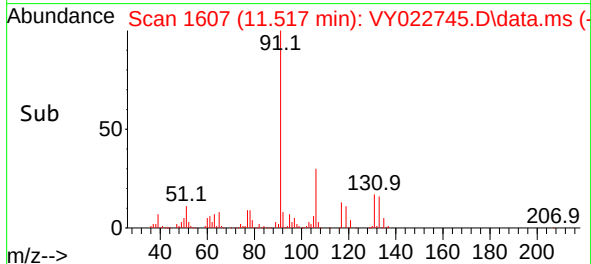
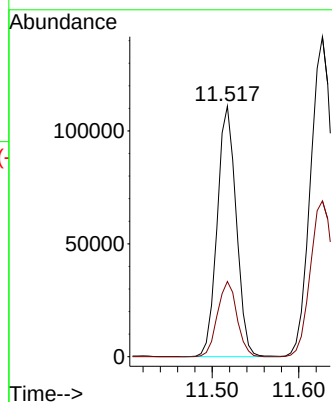
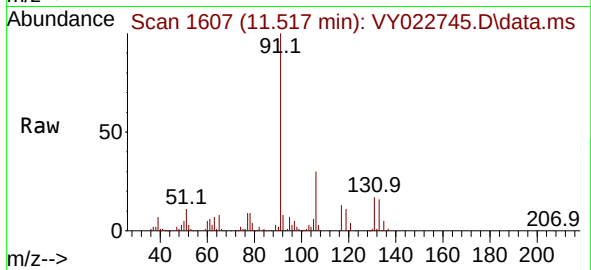
VY0619SBS01

Tgt Ion: 91 Resp: 169161

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.4



#68

m/p-Xylenes

Concen: 41.921 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022745.D

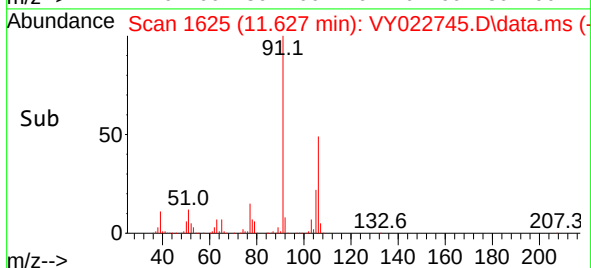
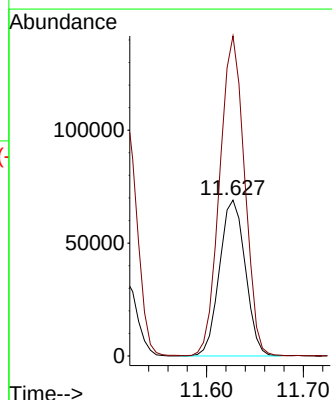
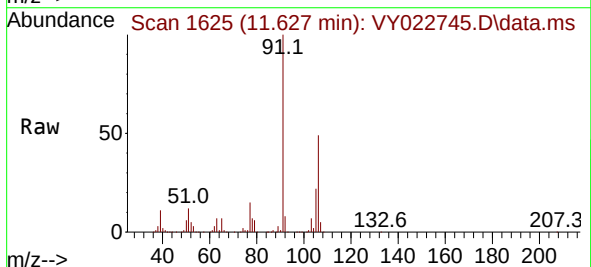
Acq: 19 Jun 2025 10:49

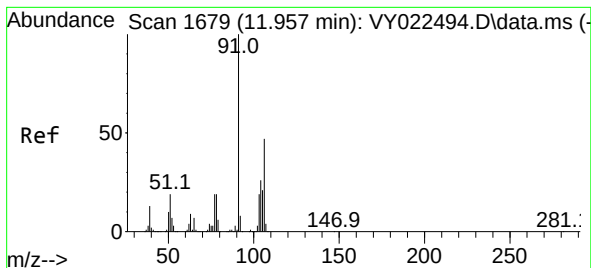
Tgt Ion:106 Resp: 127883

Ion Ratio Lower Upper

106 100

91 198.2 159.4 239.0

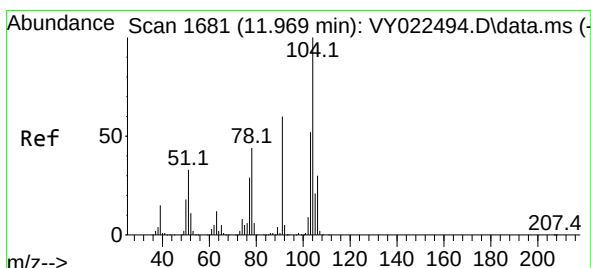
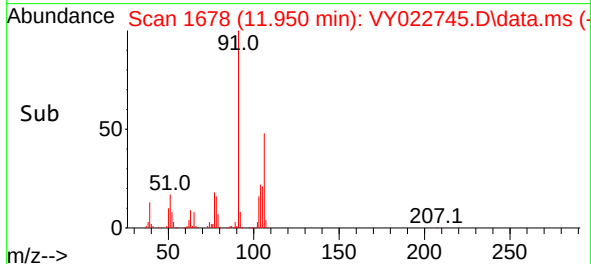
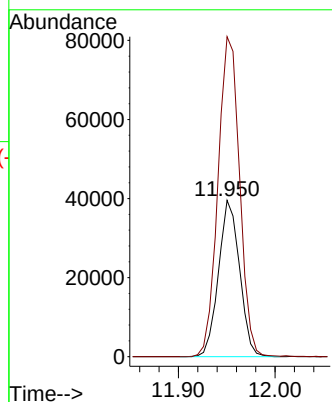
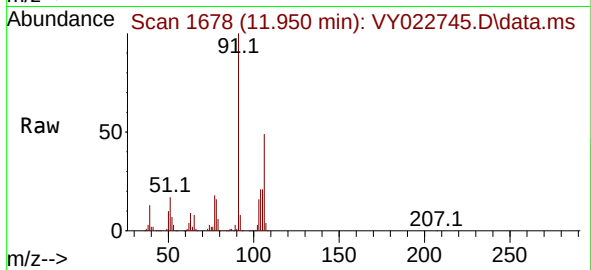




#69
o-Xylene
Concen: 20.896 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

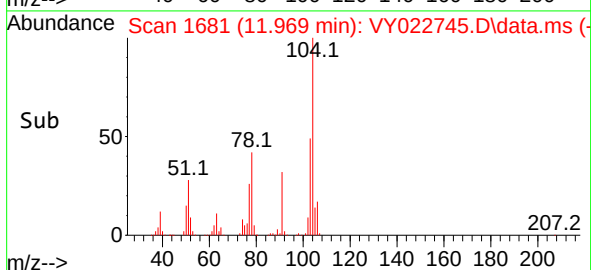
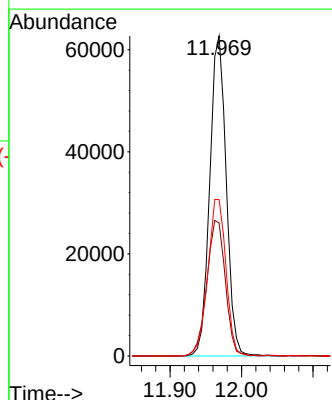
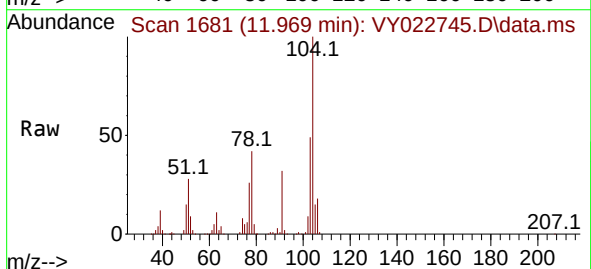
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

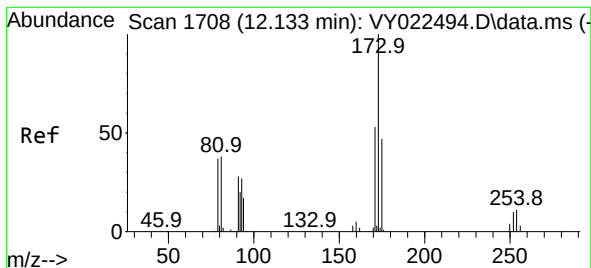
Tgt Ion:106 Resp: 59766
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.3



#70
Styrene
Concen: 21.202 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:104 Resp: 100236
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.1 44.1 66.1





#71

Bromoform

Concen: 22.548 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

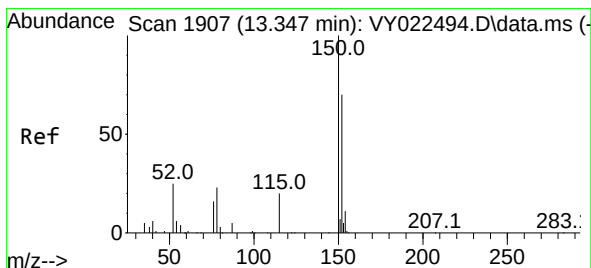
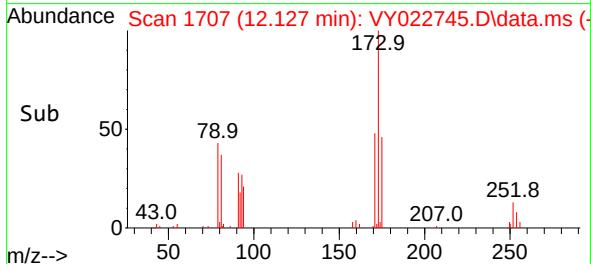
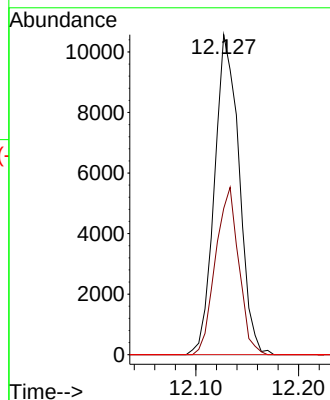
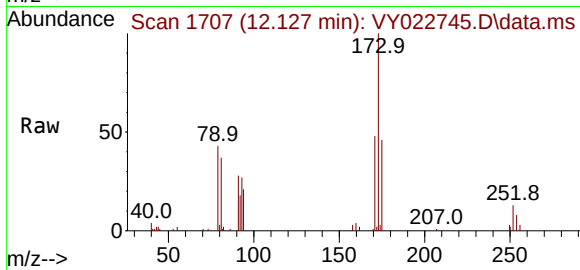
Tgt Ion:173 Resp: 17537

Ion Ratio Lower Upper

173 100

175 49.6 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: VY022745.D

Acq: 19 Jun 2025 10:49

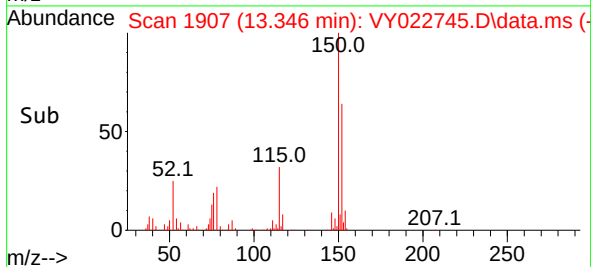
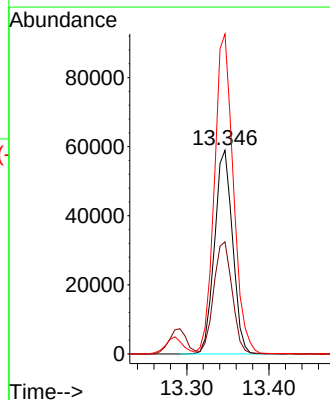
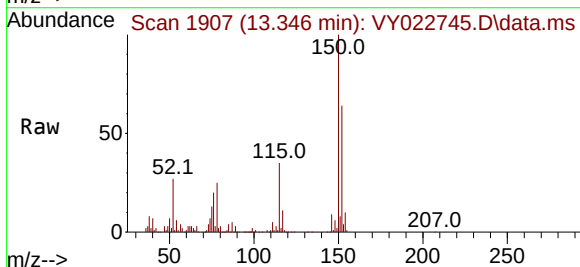
Tgt Ion:152 Resp: 90185

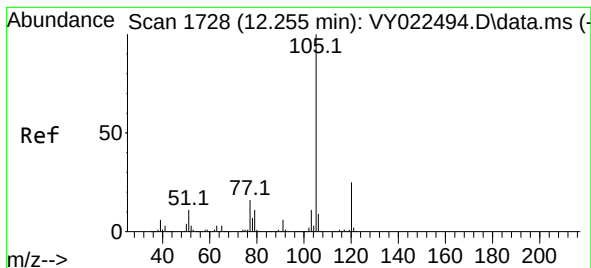
Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

150 165.1 0.0 349.6





#73

Isopropylbenzene

Concen: 21.104 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

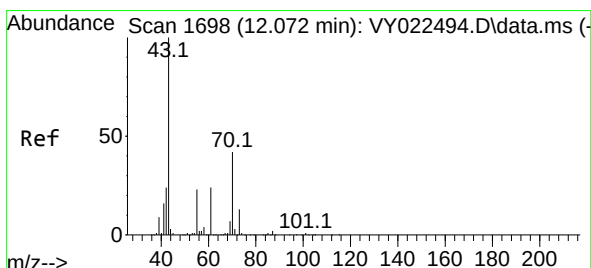
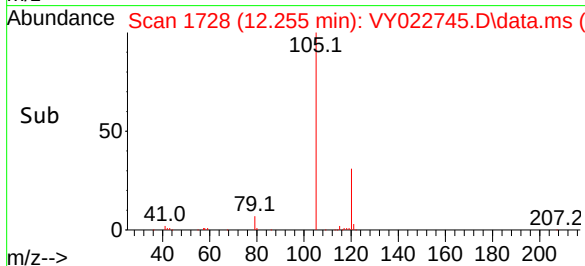
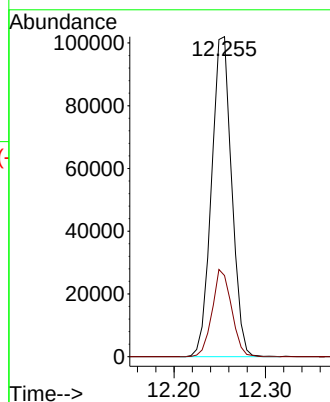
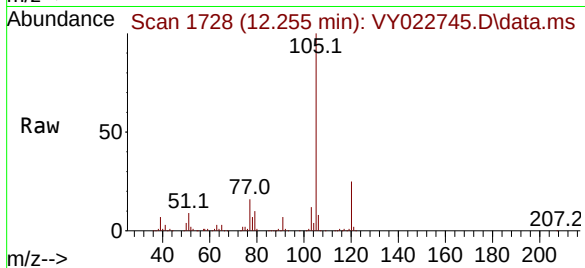
VY0619SBS01

Tgt Ion:105 Resp: 156255

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 21.144 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion: 43 Resp: 39501

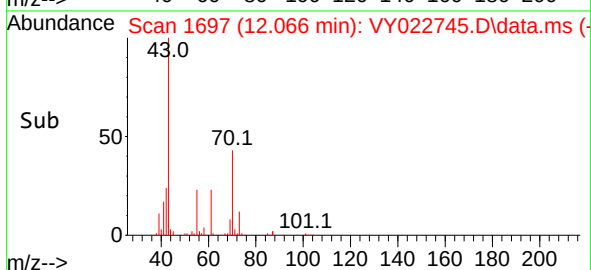
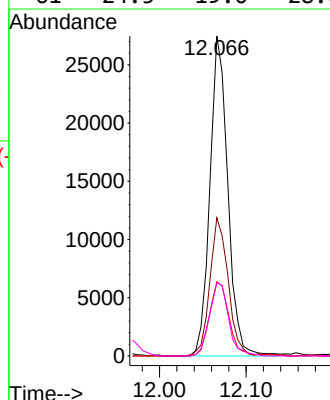
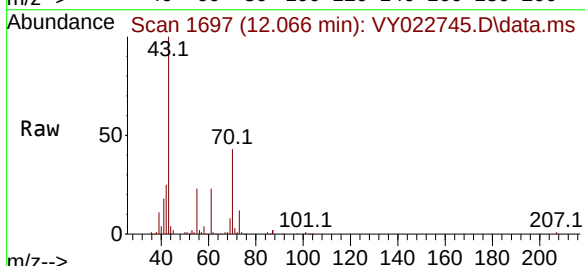
Ion Ratio Lower Upper

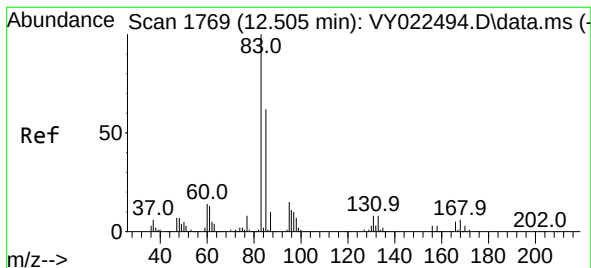
43 100

70 43.9 34.2 51.2

55 25.3 18.2 27.4

61 24.5 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 21.813 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

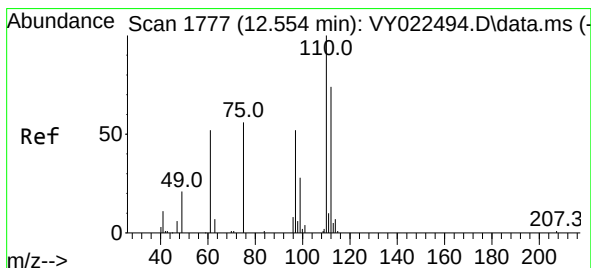
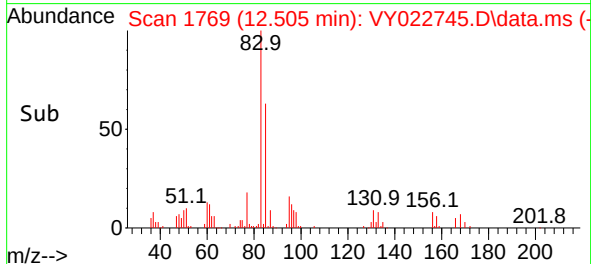
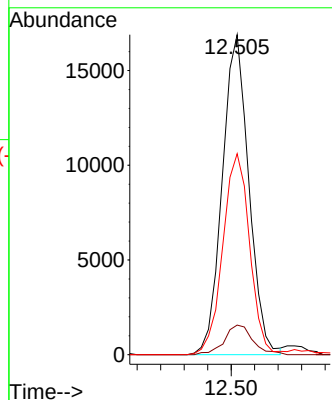
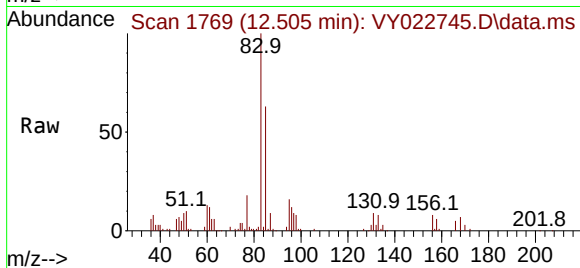
Tgt Ion: 83 Resp: 26508

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 63.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 37.911 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY022745.D

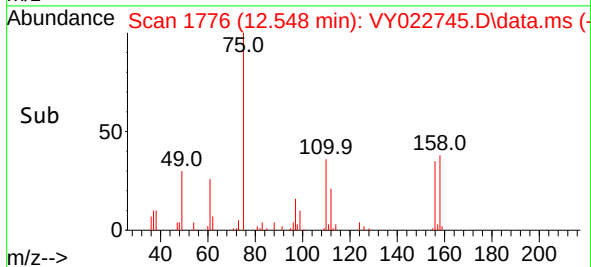
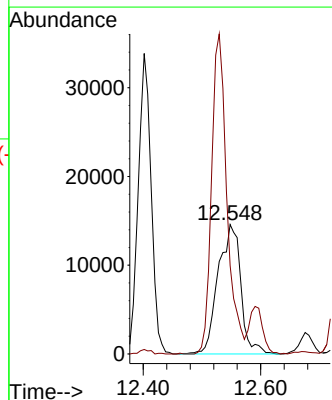
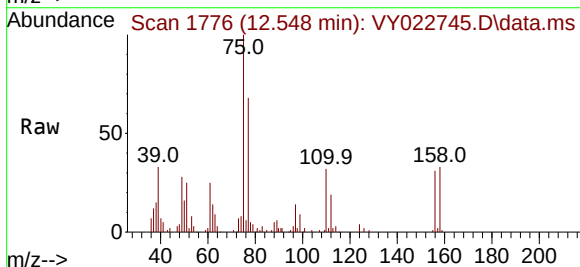
Acq: 19 Jun 2025 10:49

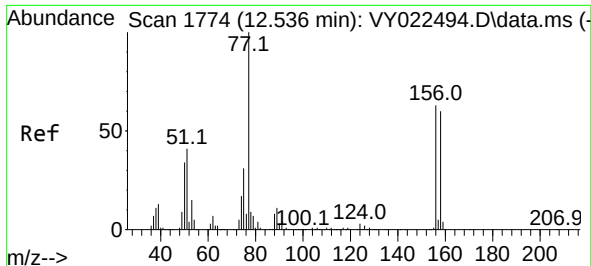
Tgt Ion: 75 Resp: 39115

Ion Ratio Lower Upper

75 100

77 167.3 0.0 0.0#

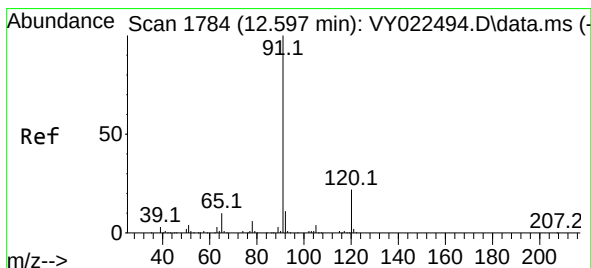
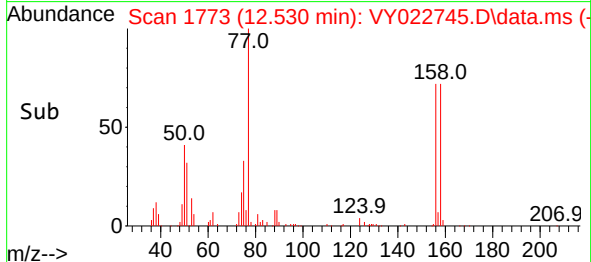
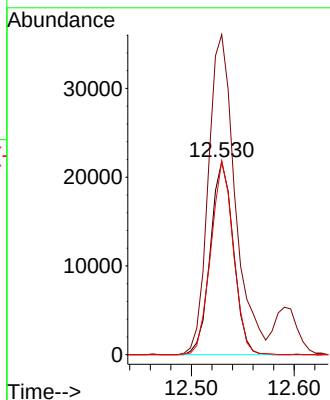
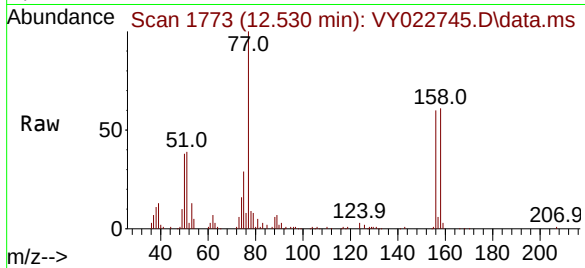




#77
Bromobenzene
Concen: 21.665 ug/l
RT: 12.530 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

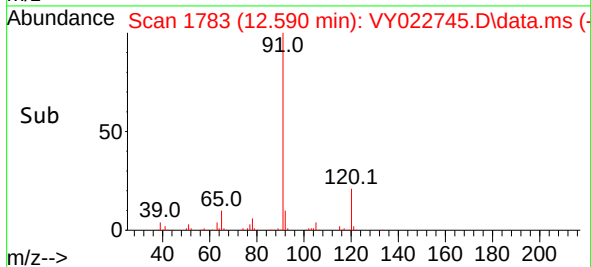
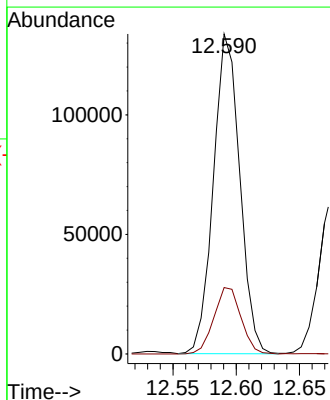
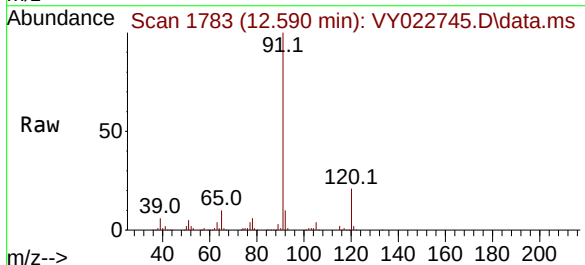
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

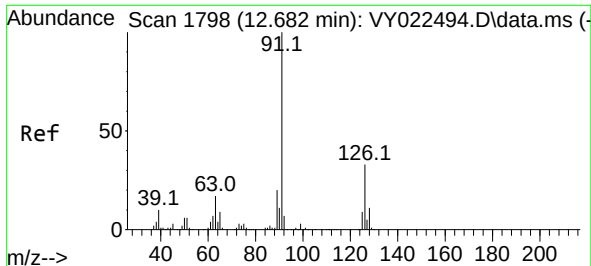
Tgt Ion:156 Resp: 33851
Ion Ratio Lower Upper
156 100
77 193.3 94.0 282.1
158 97.7 48.2 144.6



#78
n-propylbenzene
Concen: 21.417 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 91 Resp: 193686
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4

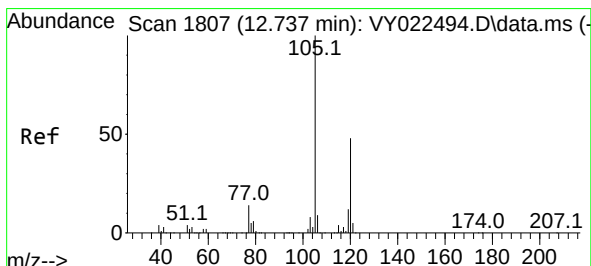
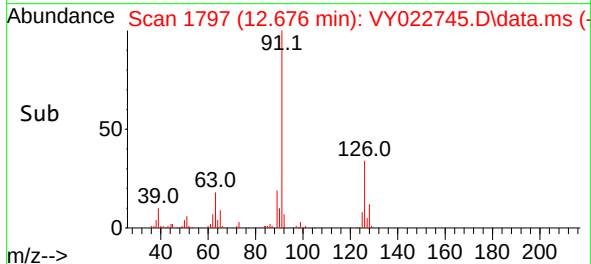
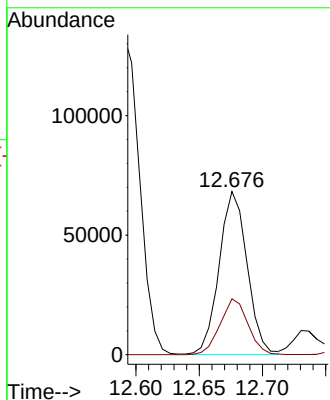
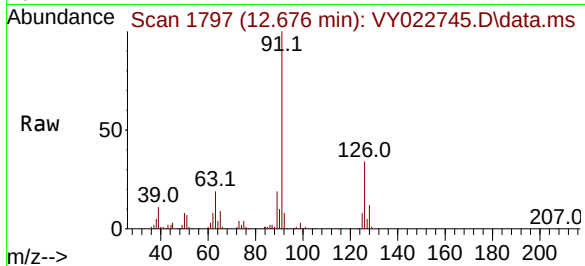




#79
2-Chlorotoluene
Concen: 21.912 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

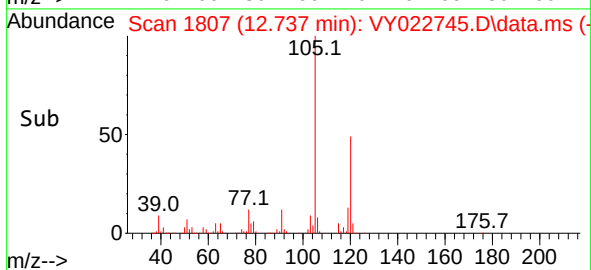
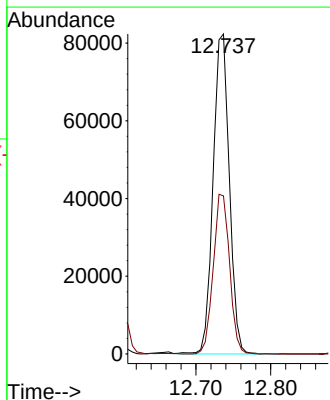
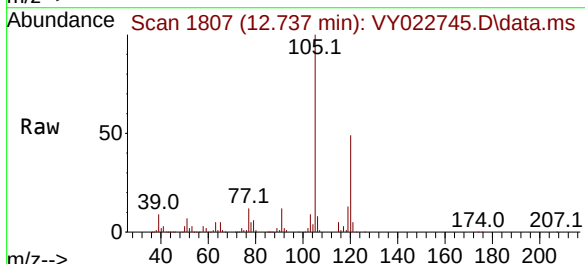
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

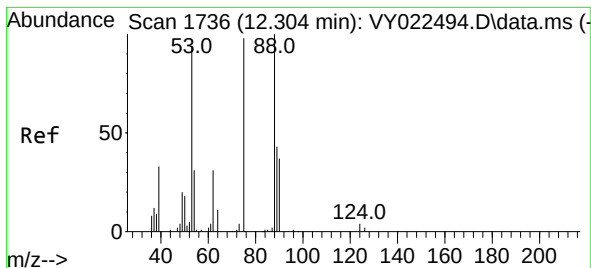
Tgt Ion: 91 Resp: 105023
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.348 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion:105 Resp: 124094
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.4

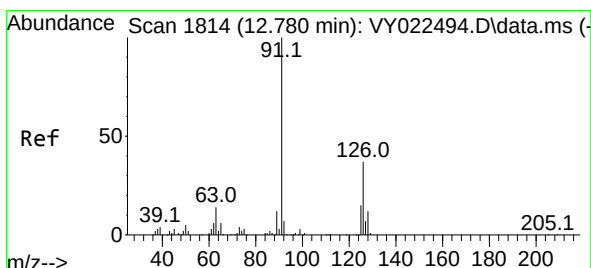
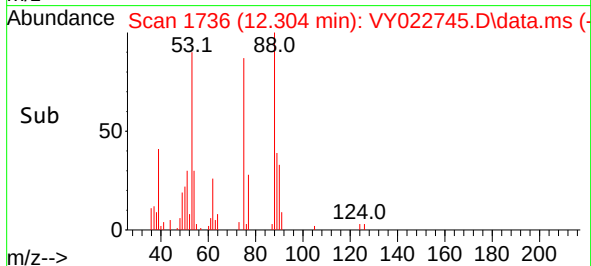
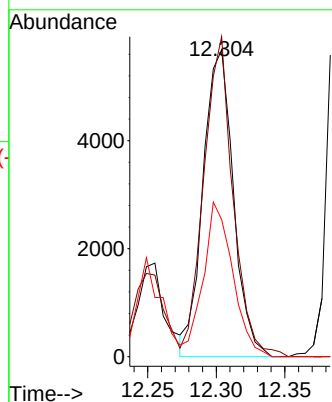
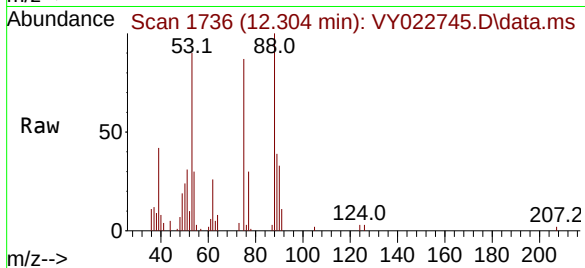




#81
trans-1,4-Dichloro-2-butene
Concen: 20.438 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

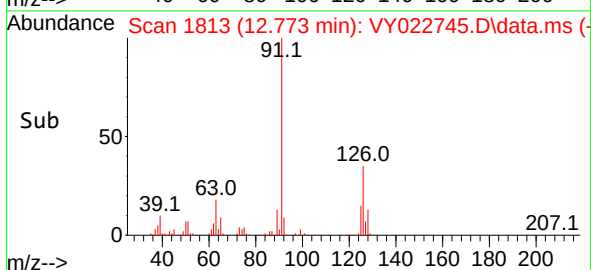
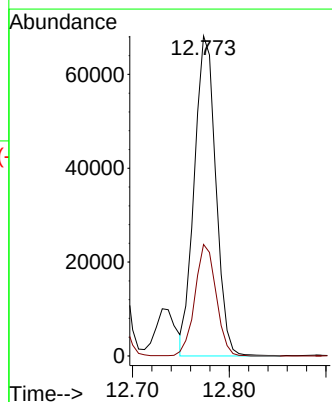
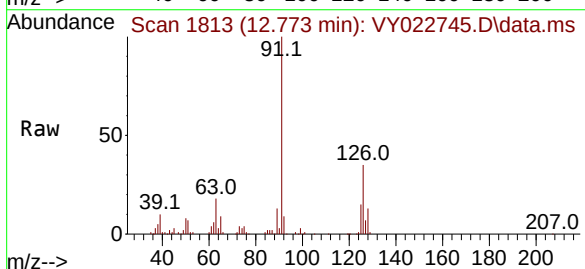
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD01

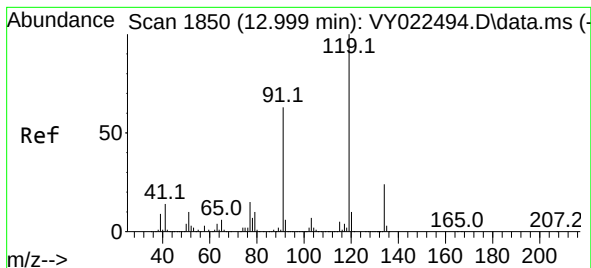
Tgt Ion: 75 Resp: 8732
Ion Ratio Lower Upper
75 100
53 100.4 78.5 117.7
89 49.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.285 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022745.D
Acq: 19 Jun 2025 10:49

Tgt Ion: 91 Resp: 105245
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.185 ug/l

RT: 12.993 min Scan# 110529

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

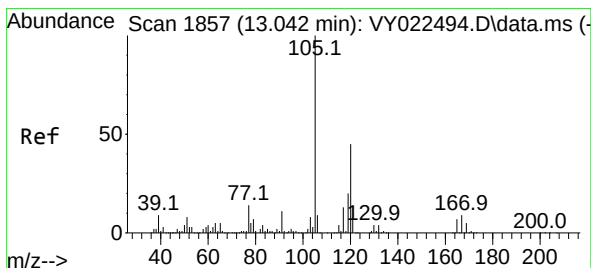
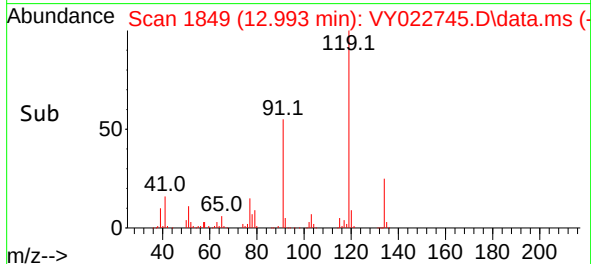
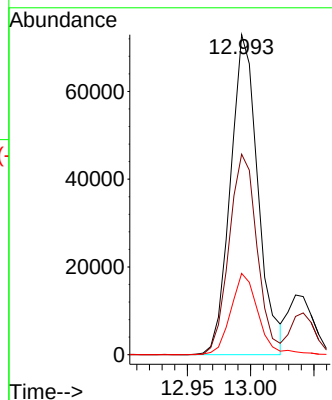
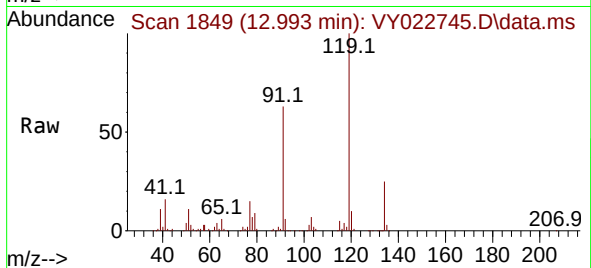
Tgt Ion:119 Resp: 110529

Ion Ratio Lower Upper

119 100

91 63.9 32.1 96.3

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.849 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022745.D

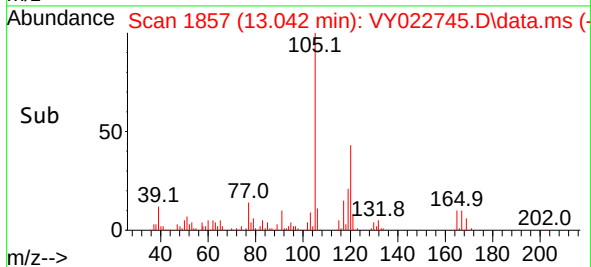
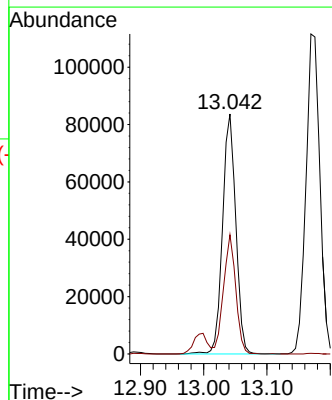
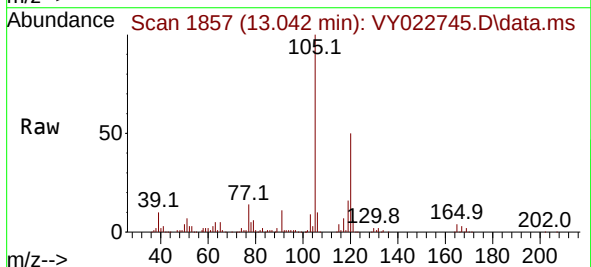
Acq: 19 Jun 2025 10:49

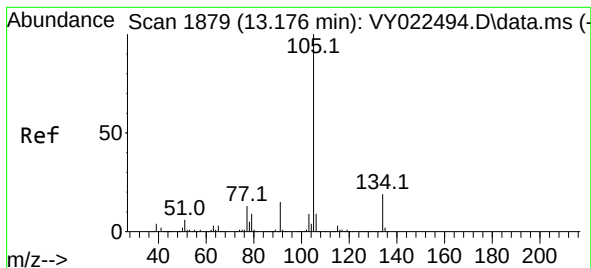
Tgt Ion:105 Resp: 121217

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.209 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

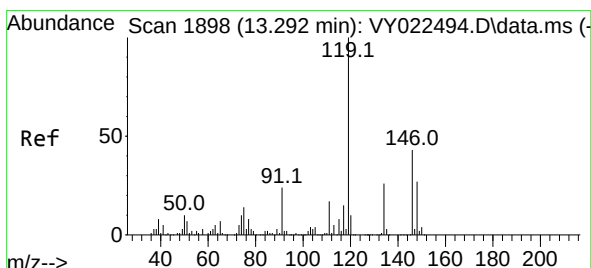
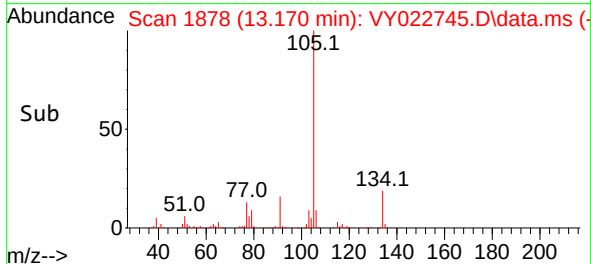
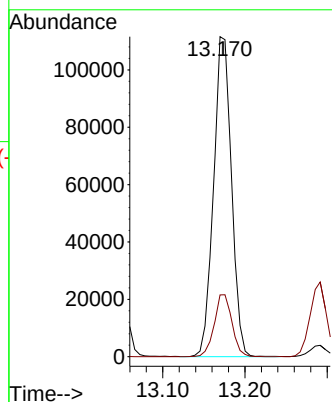
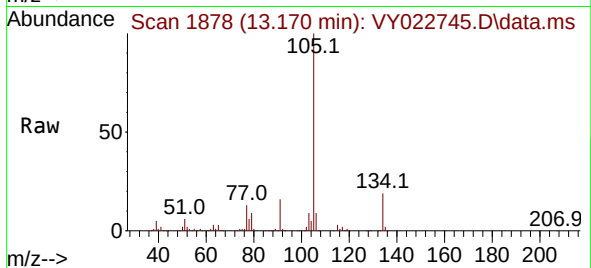
VY0619SBS01

Tgt Ion:105 Resp: 169468

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.733 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

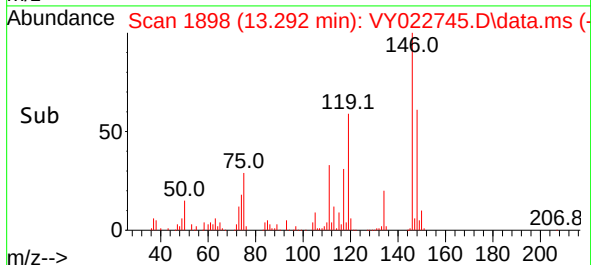
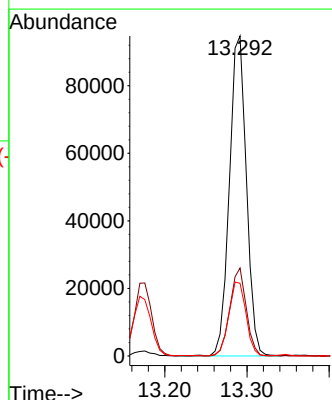
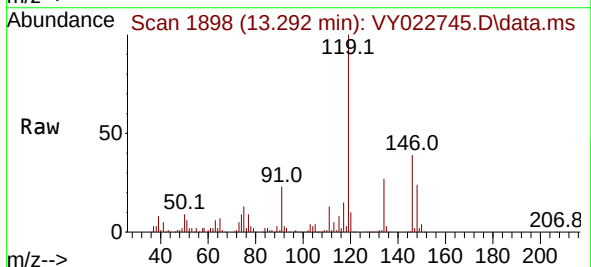
Tgt Ion:119 Resp: 136555

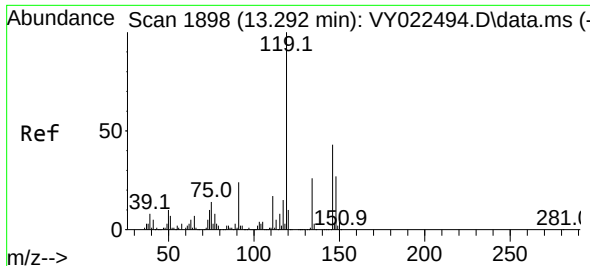
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.5 11.6 34.8

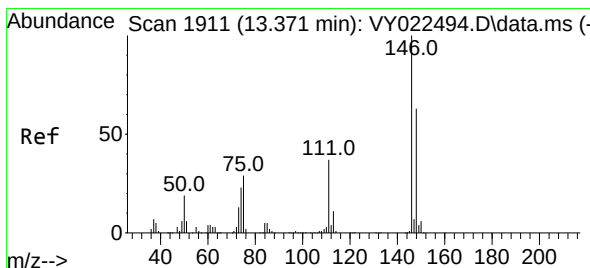
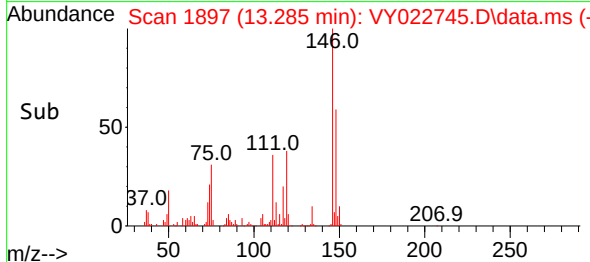
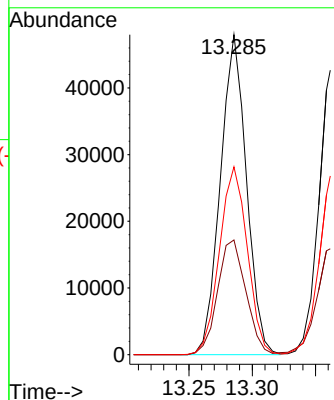
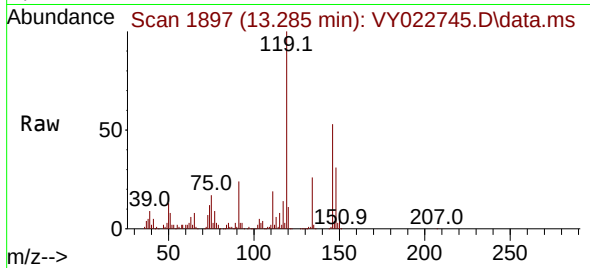




#87
 1,3-Dichlorobenzene
 Concen: 21.737 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

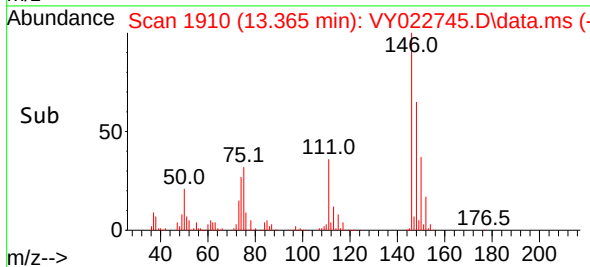
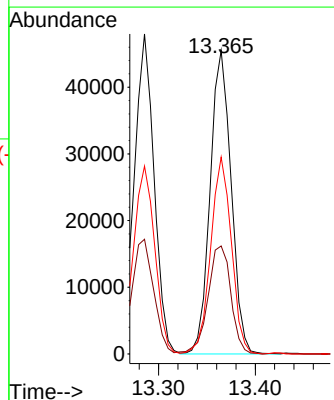
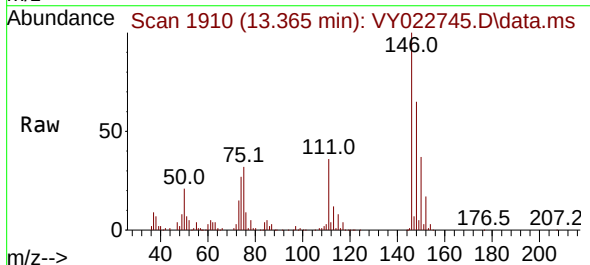
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

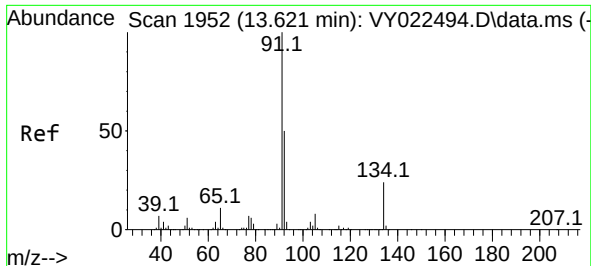
Tgt Ion:146 Resp: 68812
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.1 60.2
 148 62.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 22.314 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

Tgt Ion:146 Resp: 68515
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.2
 148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 20.874 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

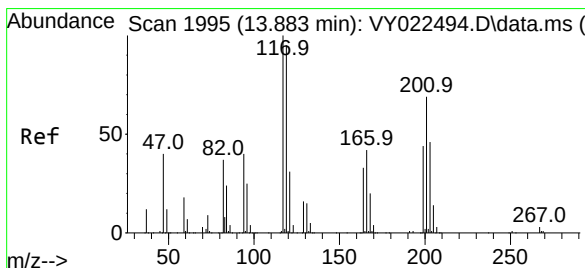
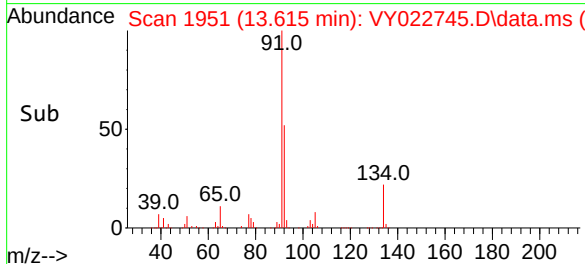
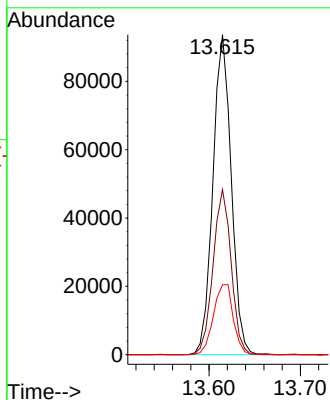
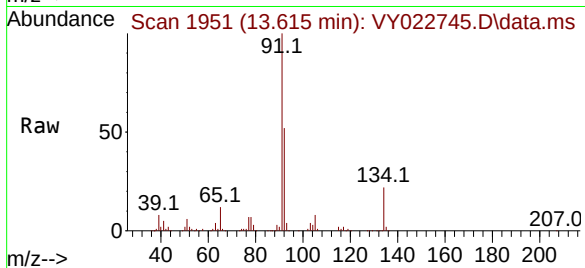
Tgt Ion: 91 Resp: 130440

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

134 23.7 12.0 36.1



#90

Hexachloroethane

Concen: 22.428 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022745.D

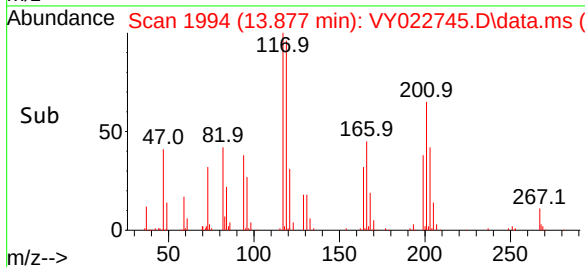
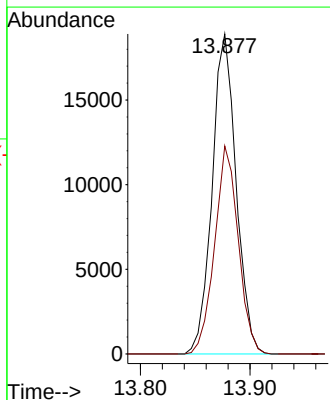
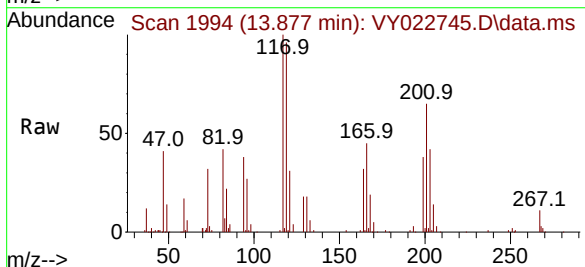
Acq: 19 Jun 2025 10:49

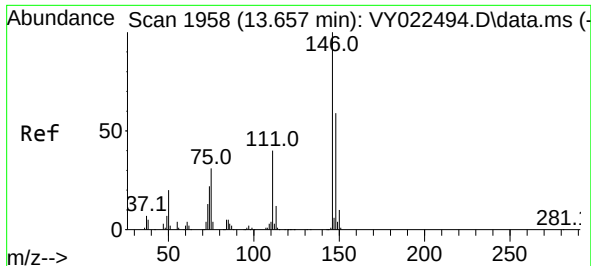
Tgt Ion: 117 Resp: 28758

Ion Ratio Lower Upper

117 100

201 64.1 34.0 102.0

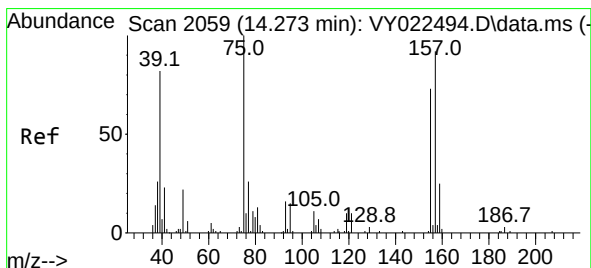
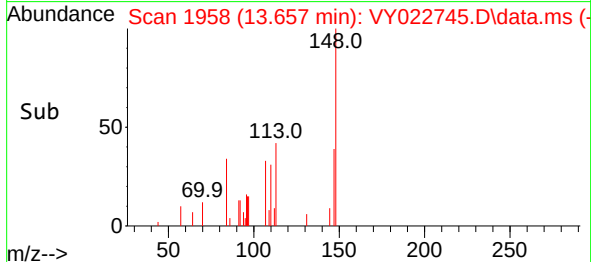
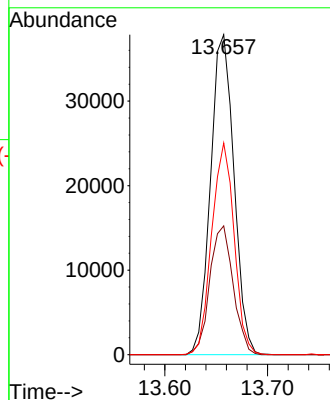
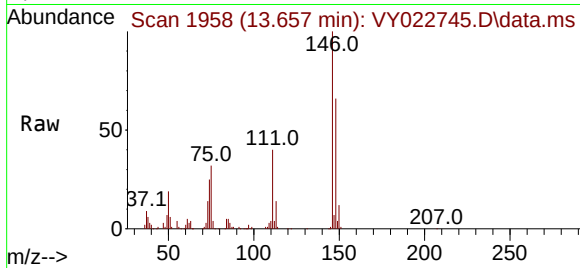




#91
 1,2-Dichlorobenzene
 Concen: 22.275 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

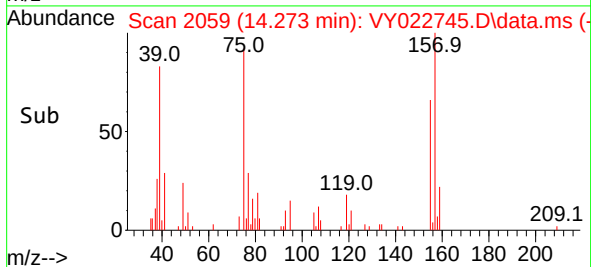
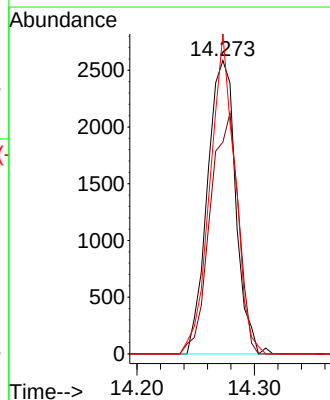
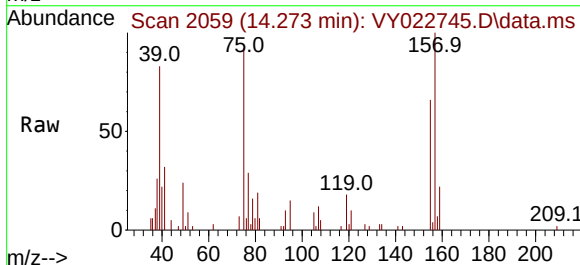
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBSD01

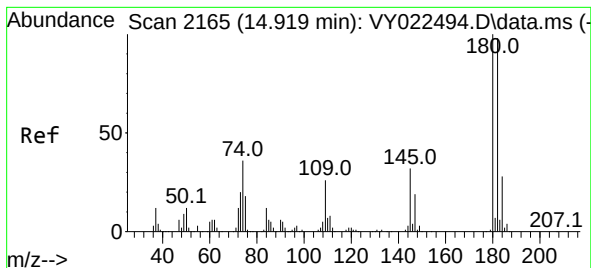
Tgt Ion:	146	Resp:	59871
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.6
148	63.4	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.456 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022745.D
 Acq: 19 Jun 2025 10:49

Tgt Ion:	75	Resp:	4327
Ion	Ratio	Lower	Upper
75	100		
155	81.7	39.9	119.6
157	96.3	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.208 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

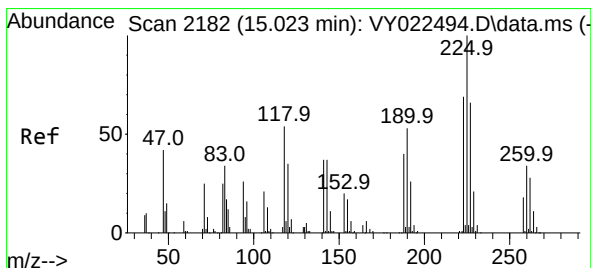
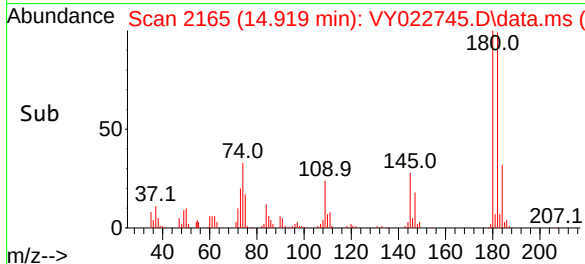
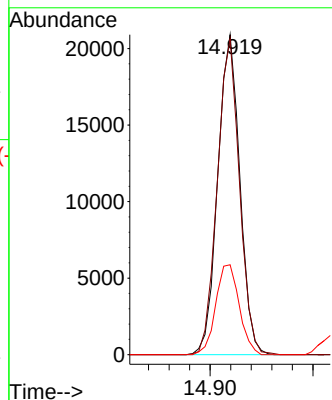
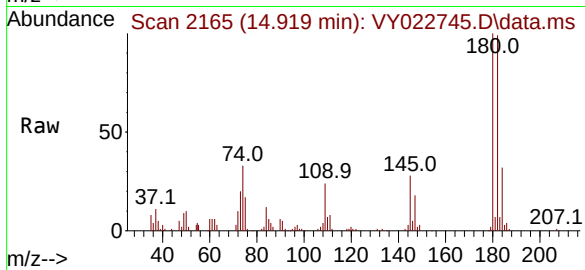
Tgt Ion:180 Resp: 31089

Ion Ratio Lower Upper

180 100

182 99.1 48.4 145.3

145 30.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.613 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

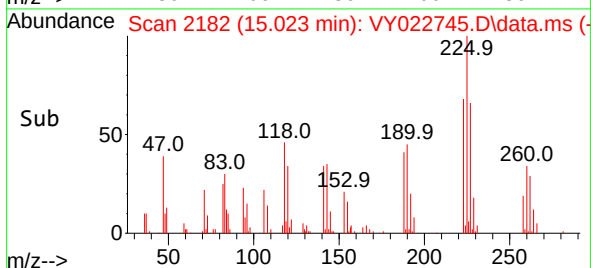
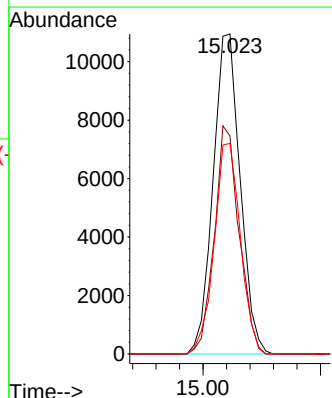
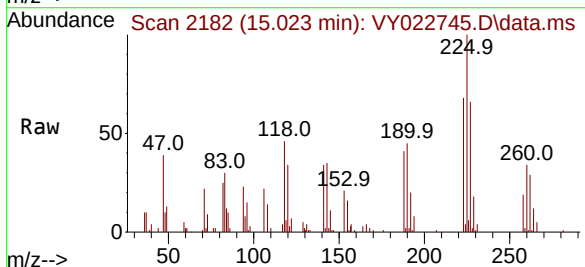
Tgt Ion:225 Resp: 17487

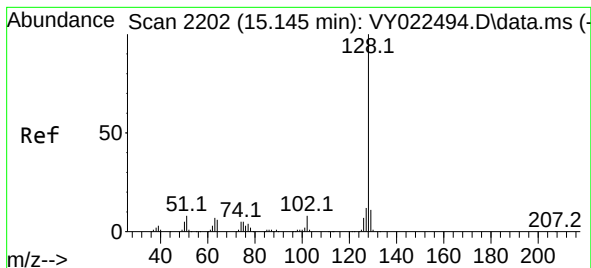
Ion Ratio Lower Upper

225 100

223 65.5 32.5 97.4

227 63.8 32.3 96.9





#95

Naphthalene

Concen: 20.985 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS01

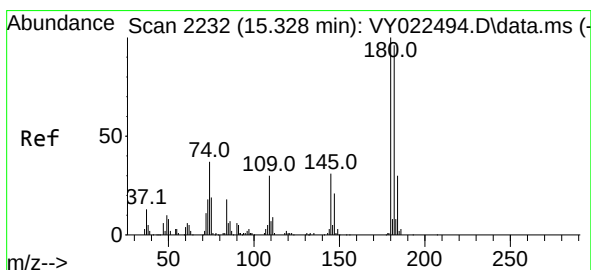
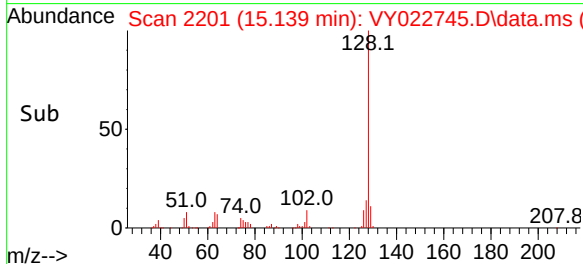
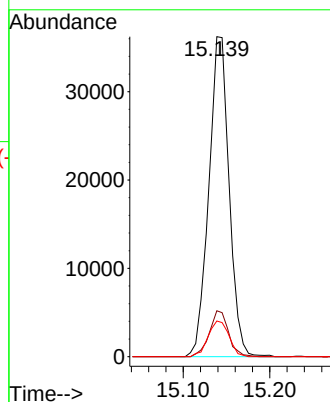
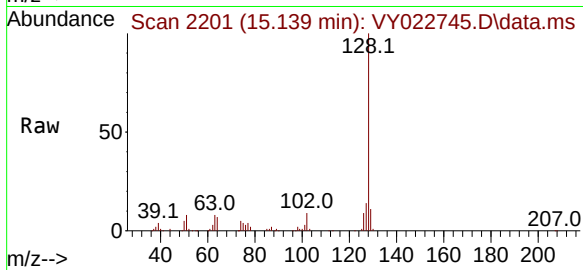
Tgt Ion:128 Resp: 59033

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 22.433 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022745.D

Acq: 19 Jun 2025 10:49

Tgt Ion:180 Resp: 28183

Ion Ratio Lower Upper

180 100

182 89.1 47.1 141.3

145 30.0 15.2 45.6

