

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022685.D
 Acq On : 13 Jun 2025 10:05
 Operator : SY/MD
 Sample : VY0613SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

Quant Time: Jun 14 02:01:22 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	141834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	243776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	96494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84107	53.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.040%	
35) Dibromofluoromethane	7.634	113	76325	52.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.103	98	307209	52.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	12.402	95	87738	50.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	28569	22.498	ug/l	99
3) Chloromethane	2.068	50	75985	20.255	ug/l	92
4) Vinyl Chloride	2.202	62	109732	25.214	ug/l	99
5) Bromomethane	2.586	94	104487	25.050	ug/l	95
6) Chloroethane	2.726	64	80142	26.830	ug/l	98
7) Trichlorofluoromethane	3.043	101	101324	27.426	ug/l	98
8) Diethyl Ether	3.452	74	18298	21.992	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	34621	22.250	ug/l	98
10) Methyl Iodide	4.001	142	33145	19.684	ug/l	98
11) Tert butyl alcohol	4.872	59	11975	105.692	ug/l #	73
12) 1,1-Dichloroethene	3.781	96	33312	22.397	ug/l	96
13) Acrolein	3.647	56	10950	77.548	ug/l	100
14) Allyl chloride	4.379	41	48750	20.878	ug/l	97
15) Acrylonitrile	5.061	53	38916	110.441	ug/l	99
16) Acetone	3.867	43	40800	126.645	ug/l	100
17) Carbon Disulfide	4.098	76	99707	20.939	ug/l	99
18) Methyl Acetate	4.385	43	20667	21.663	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	91352	21.806	ug/l	96
20) Methylene Chloride	4.610	84	41925	22.910	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	36857	22.141	ug/l	97
22) Diisopropyl ether	6.019	45	112201	21.588	ug/l	99
23) Vinyl Acetate	5.958	43	320741	104.265	ug/l	96
24) 1,1-Dichloroethane	5.915	63	70102	22.895	ug/l	98
25) 2-Butanone	6.896	43	55412	119.243	ug/l	99
26) 2,2-Dichloropropane	6.884	77	59971	22.168	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	43784	22.756	ug/l	98
28) Bromochloromethane	7.244	49	28960	21.698	ug/l	97
29) Tetrahydrofuran	7.268	42	31773	106.010	ug/l	98
30) Chloroform	7.415	83	71780	23.668	ug/l	92
31) Cyclohexane	7.701	56	63024	20.676	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	61388	22.802	ug/l	99
36) 1,1-Dichloropropene	7.835	75	52211	22.109	ug/l	99
37) Ethyl Acetate	6.988	43	22814	21.663	ug/l #	97
38) Carbon Tetrachloride	7.817	117	52867	21.822	ug/l	97
39) Methylcyclohexane	9.109	83	64146	20.213	ug/l	97
40) Benzene	8.079	78	157308	22.553	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	11176	18.168	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	42185	22.150	ug/l	99
43) Isopropyl Acetate	8.201	43	47147	20.729	ug/l	98
44) Trichloroethene	8.866	130	38470	22.567	ug/l	98
45) 1,2-Dichloropropane	9.140	63	36757	22.298	ug/l	95
46) Dibromomethane	9.231	93	20260	21.846	ug/l	100
47) Bromodichloromethane	9.420	83	52553	22.349	ug/l	95
48) Methyl methacrylate	9.219	41	21087	19.754	ug/l	94
49) 1,4-Dioxane	9.231	88	4516	411.039	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	119247	105.157	ug/l	98
52) Toluene	10.170	92	94609	21.584	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	46977	21.321	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	55314	21.567	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	26759	22.628	ug/l	97
56) Ethyl methacrylate	10.438	69	34948	20.447	ug/l	97
57) 1,3-Dichloropropane	10.713	76	47773	22.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	86999	112.113	ug/l	99
59) 2-Hexanone	10.762	43	80439	106.064	ug/l	98
60) Dibromochloromethane	10.908	129	31950	21.260	ug/l	100
61) 1,2-Dibromoethane	11.012	107	23720	22.007	ug/l	96
64) Tetrachloroethene	10.646	164	46751	26.395	ug/l	95
65) Chlorobenzene	11.438	112	100940	22.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	34021	22.165	ug/l	97
67) Ethyl Benzene	11.518	91	179277	21.214	ug/l	99
68) m/p-Xylenes	11.627	106	134198	41.889	ug/l	100
69) o-Xylene	11.950	106	64142	21.355	ug/l	98
70) Styrene	11.969	104	106420	21.434	ug/l	98
71) Bromoform	12.133	173	17024	20.842	ug/l #	97
73) Isopropylbenzene	12.249	105	168689	21.293	ug/l	100
74) N-amyl acetate	12.066	43	40635	20.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	25536	19.640	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	39211	35.520	ug/l #	100
77) Bromobenzene	12.530	156	35909	21.480	ug/l	99
78) n-propylbenzene	12.591	91	203435	21.025	ug/l	99
79) 2-Chlorotoluene	12.676	91	108427	21.143	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	132209	21.257	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8937	19.550	ug/l	100
82) 4-Chlorotoluene	12.773	91	111685	21.111	ug/l	100
83) tert-Butylbenzene	12.993	119	118578	21.242	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	128718	20.692	ug/l	100
85) sec-Butylbenzene	13.170	105	181134	21.187	ug/l	99
86) p-Isopropyltoluene	13.286	119	145697	20.675	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	73876	21.811	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	72016	21.921	ug/l	99
89) n-Butylbenzene	13.615	91	142878	21.370	ug/l	98
90) Hexachloroethane	13.877	117	29822	21.737	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	63928	22.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4433	23.417	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	36391	23.202	ug/l	97
94) Hexachlorobutadiene	15.017	225	19468	22.489	ug/l	99
95) Naphthalene	15.139	128	67258	22.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	30045	22.352	ug/l	96

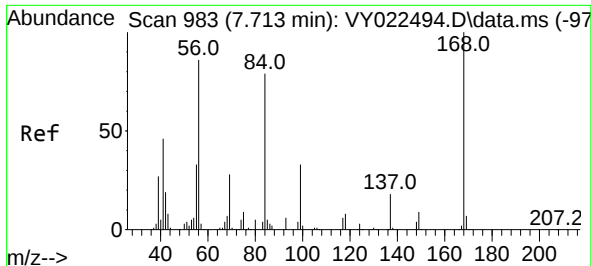
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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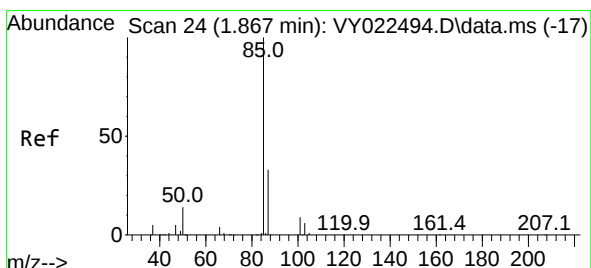
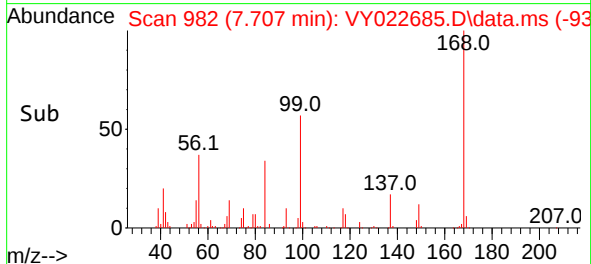
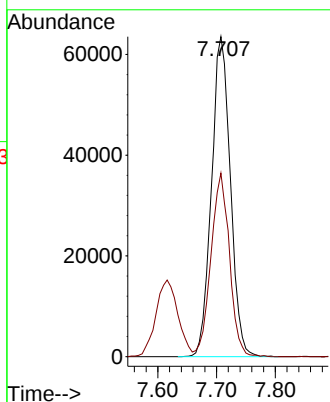
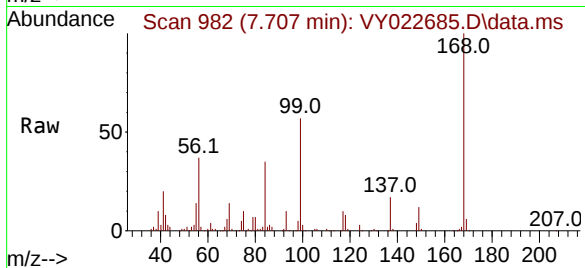
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

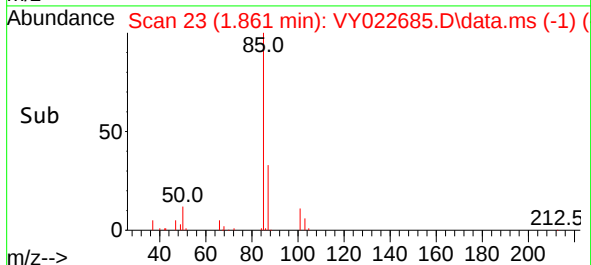
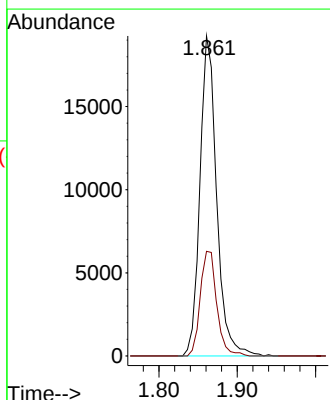
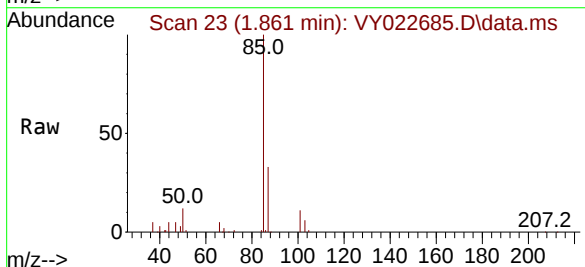
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

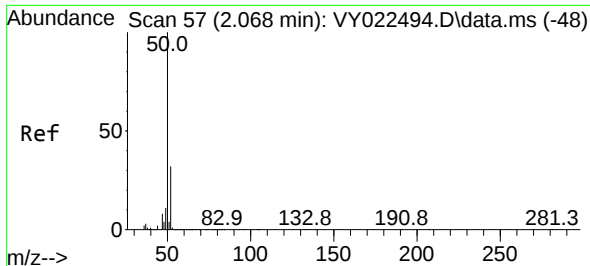
Tgt Ion:168 Resp: 141834
Ion Ratio Lower Upper
168 100
99 57.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.498 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 85 Resp: 28569
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

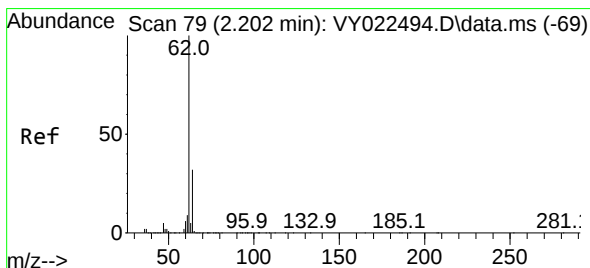
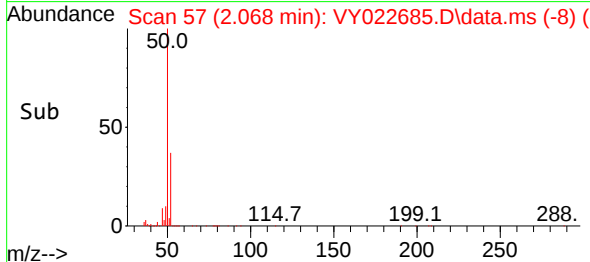
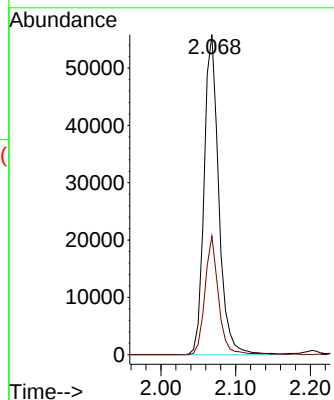
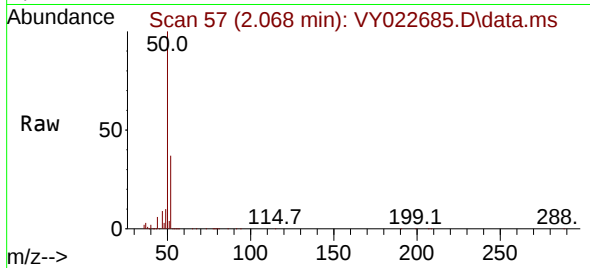




#3
Chloromethane
Concen: 20.255 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

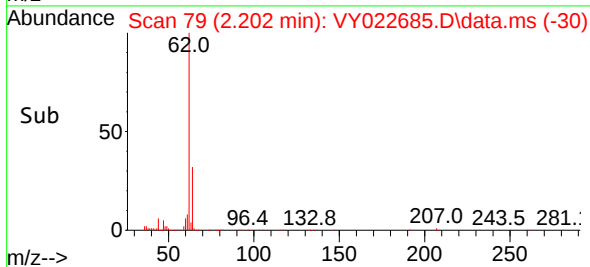
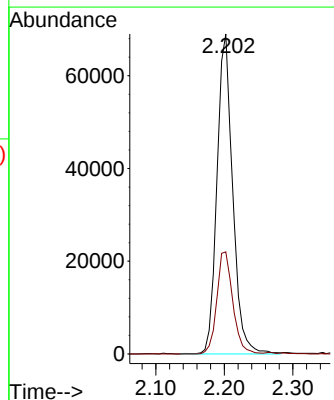
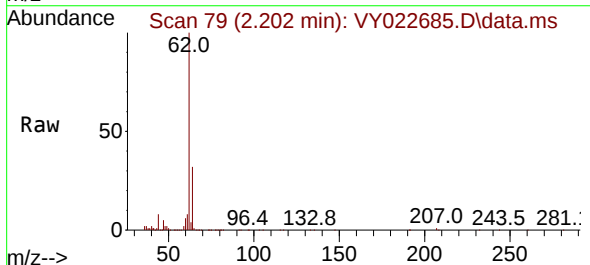
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

Tgt Ion: 50 Resp: 75985
Ion Ratio Lower Upper
50 100
52 37.1 26.0 39.0



#4
Vinyl Chloride
Concen: 25.214 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 62 Resp: 109732
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

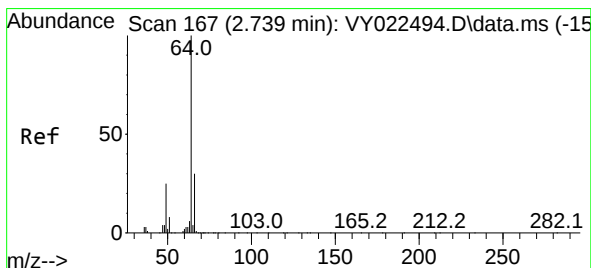
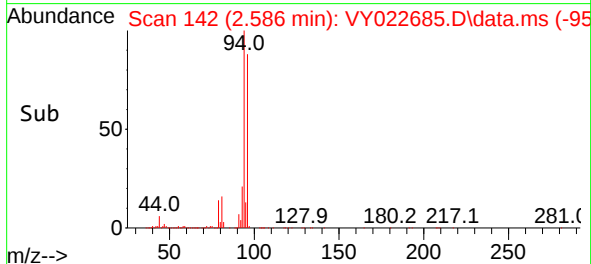
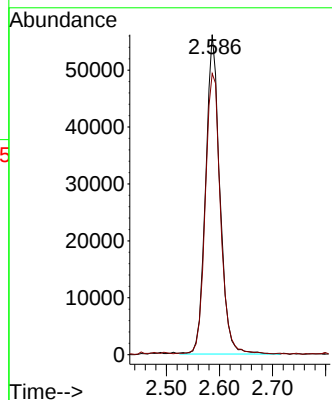
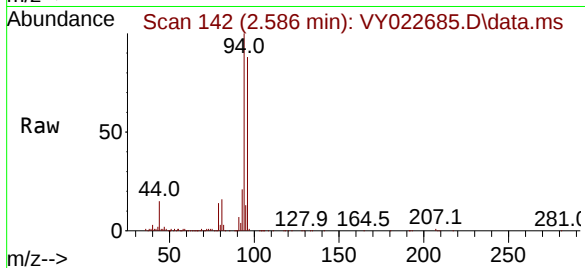




#5
Bromomethane
Concen: 25.050 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

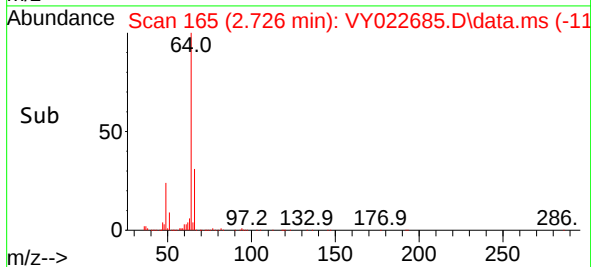
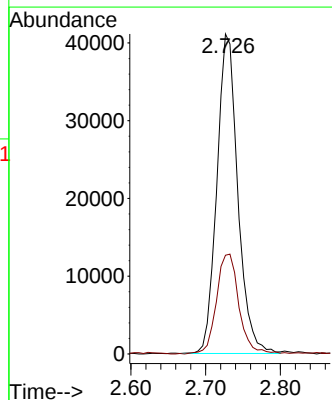
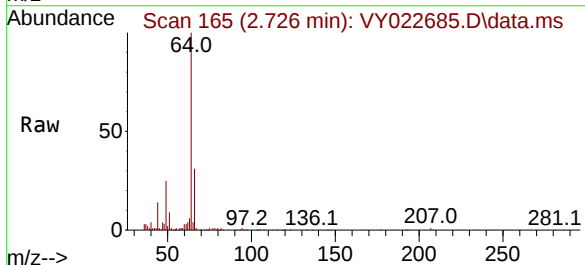
Instrument :
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ClientSampleId :
VY0613SBS01

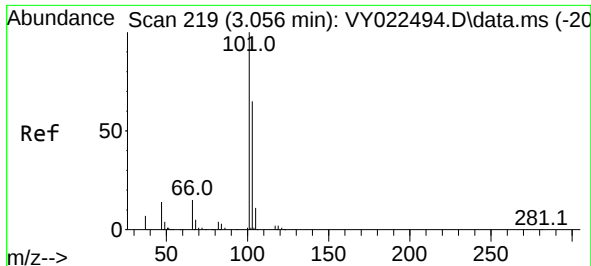
Tgt Ion: 94 Resp: 104487
Ion Ratio Lower Upper
94 100
96 87.6 74.0 111.0



#6
Chloroethane
Concen: 26.830 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 64 Resp: 80142
Ion Ratio Lower Upper
64 100
66 30.7 23.8 35.6

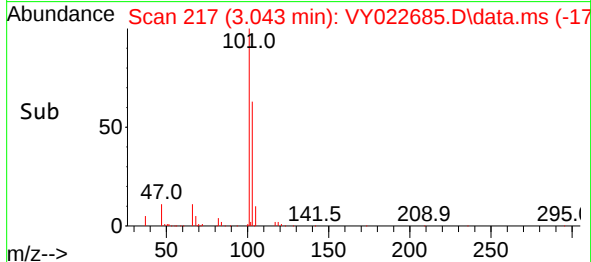
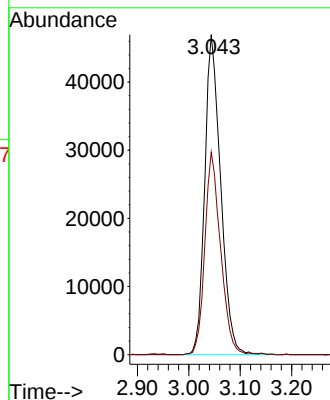
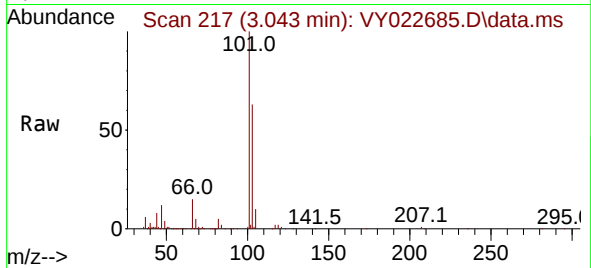




#7
Trichlorofluoromethane
Concen: 27.426 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

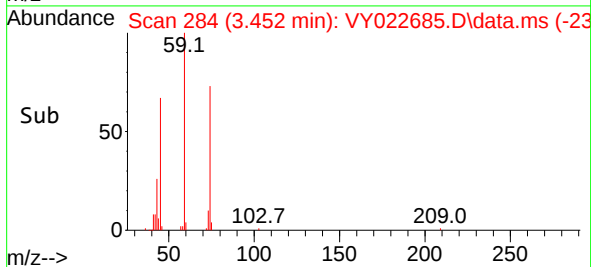
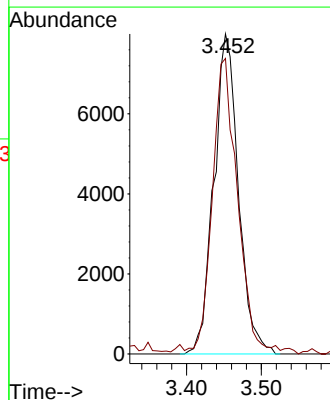
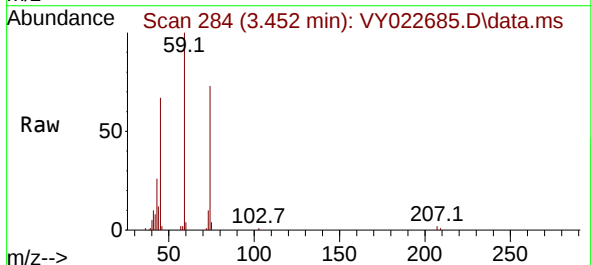
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

Tgt Ion:101 Resp: 101324
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.2



#8
Diethyl Ether
Concen: 21.992 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 74 Resp: 18298
Ion Ratio Lower Upper
74 100
45 95.3 45.9 137.6

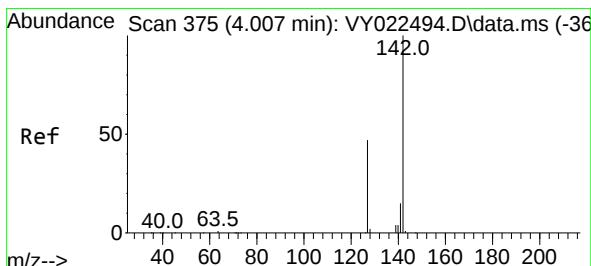
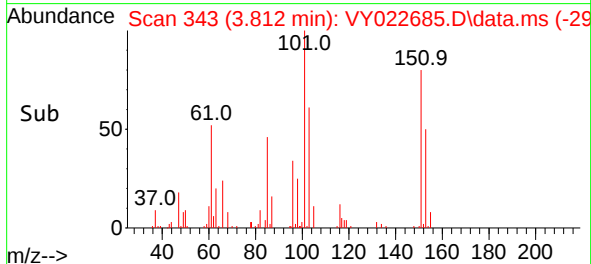
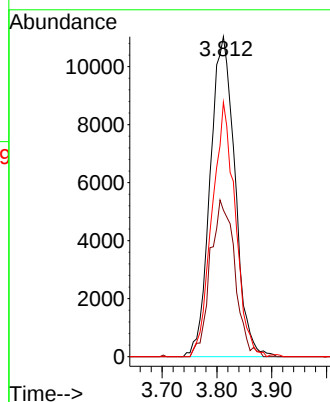
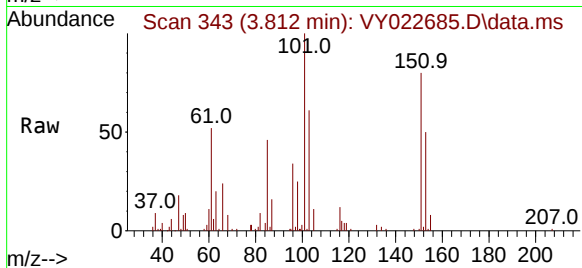




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.250 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022685.D
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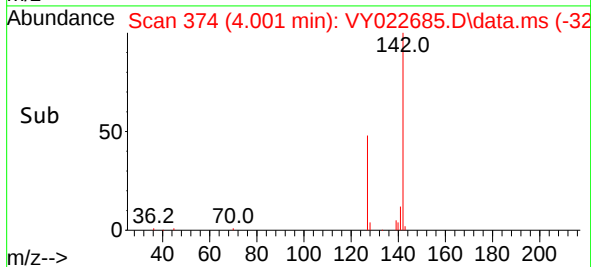
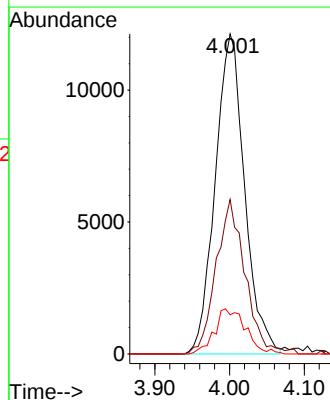
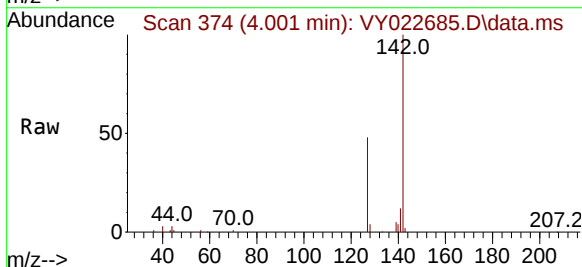
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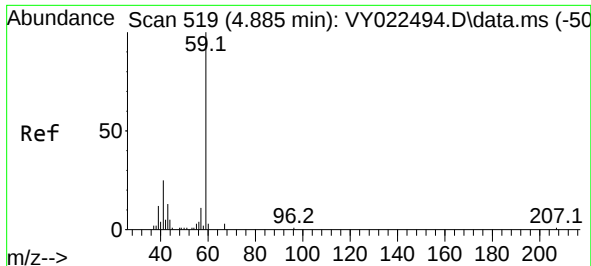
Tgt Ion:101 Resp: 34621
Ion Ratio Lower Upper
101 100
85 48.7 39.3 58.9
151 74.3 57.8 86.8



#10
Methyl Iodide
Concen: 19.684 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:142 Resp: 33145
Ion Ratio Lower Upper
142 100
127 47.9 37.1 55.7
141 15.0 11.4 17.2

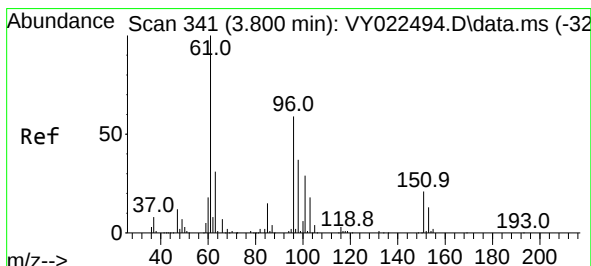
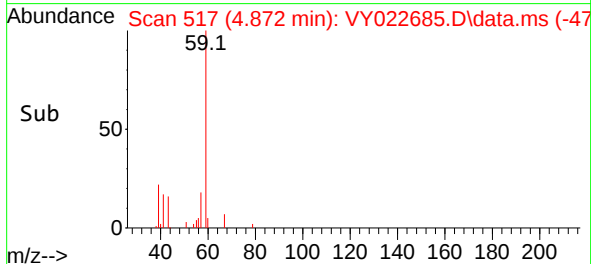
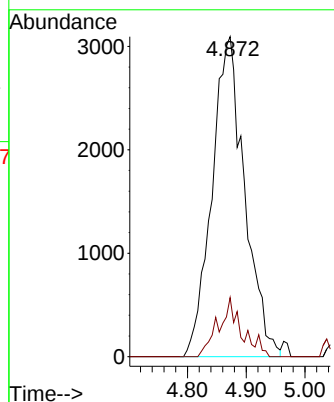
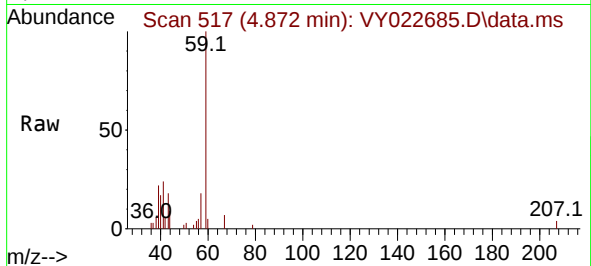




#11
Tert butyl alcohol
Concen: 105.692 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

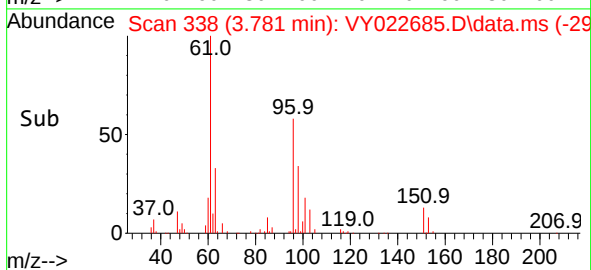
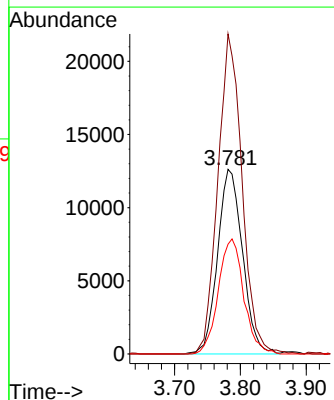
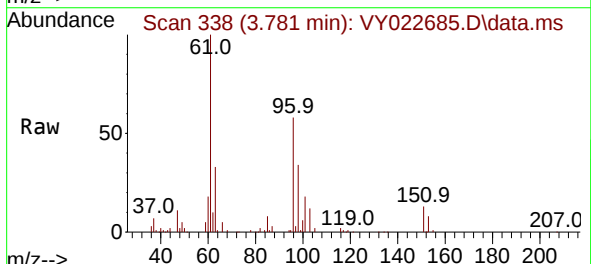
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

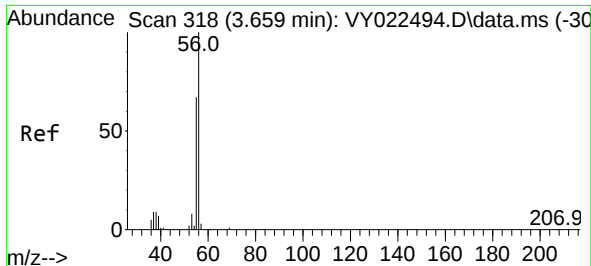
Tgt Ion: 59 Resp: 11975
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 22.397 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 96 Resp: 33312
Ion Ratio Lower Upper
96 100
61 173.4 134.6 201.8
98 59.4 50.2 75.4





#13

Acrolein

Concen: 77.548 ug/l

RT: 3.647 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

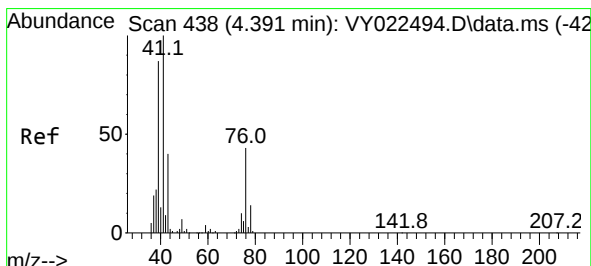
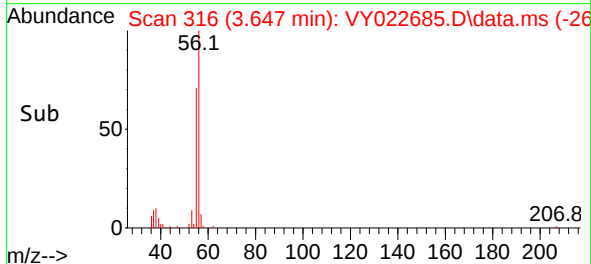
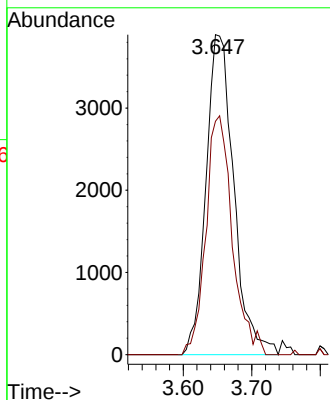
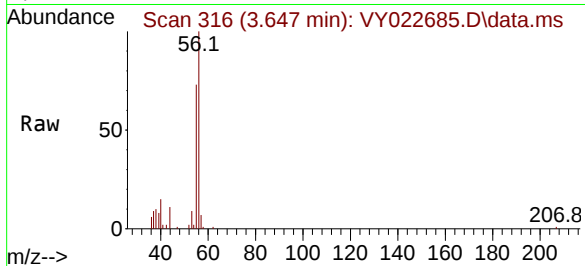
VY0613SBS01

Tgt Ion: 56 Resp: 10950

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.6



#14

Allyl chloride

Concen: 20.878 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

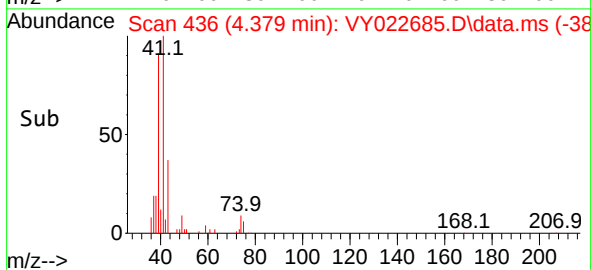
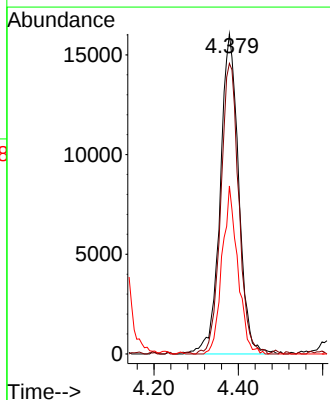
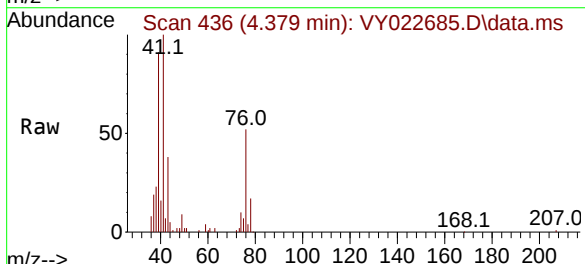
Tgt Ion: 41 Resp: 48750

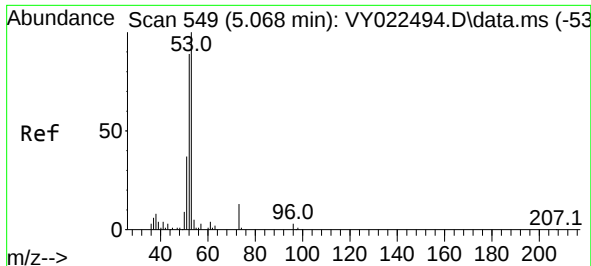
Ion Ratio Lower Upper

41 100

39 88.0 69.1 103.7

76 44.5 33.5 50.3

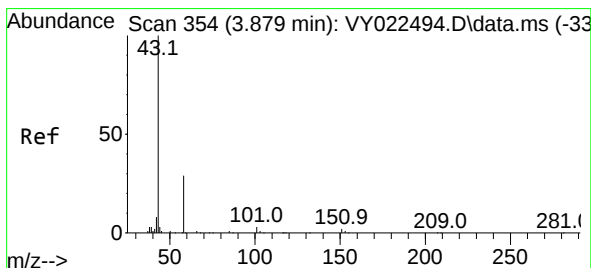
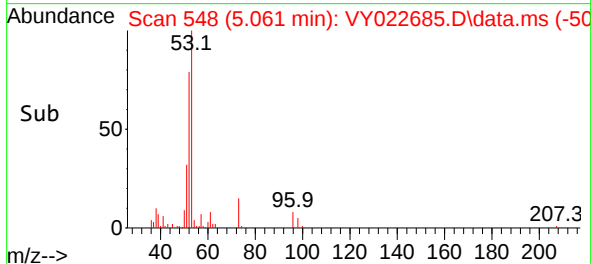
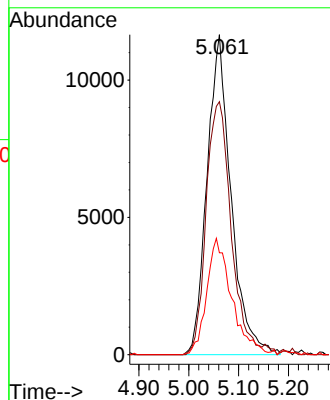
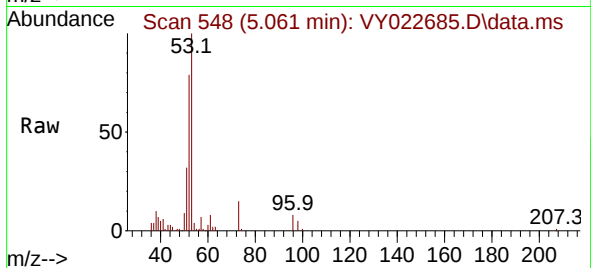




#15
Acrylonitrile
Concen: 110.441 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

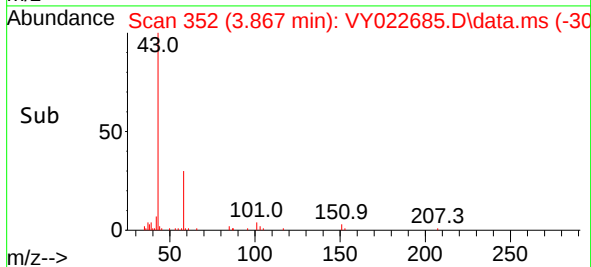
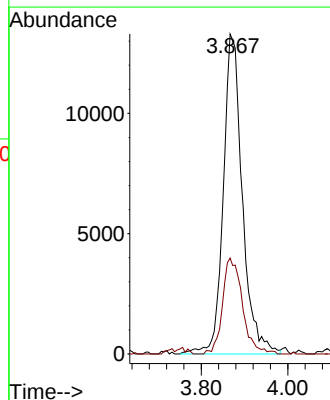
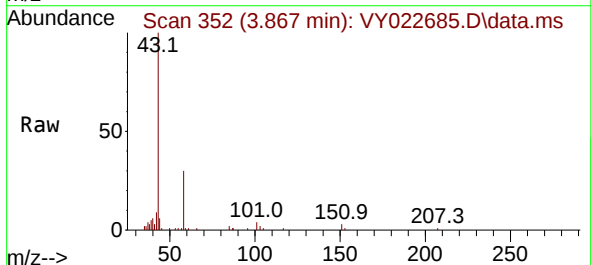
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

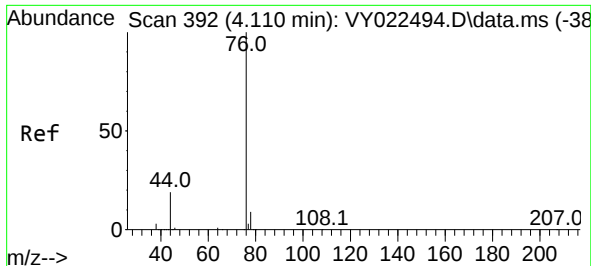
Tgt Ion: 53 Resp: 38916
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 38.0 30.1 45.1



#16
Acetone
Concen: 126.645 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 43 Resp: 40800
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0

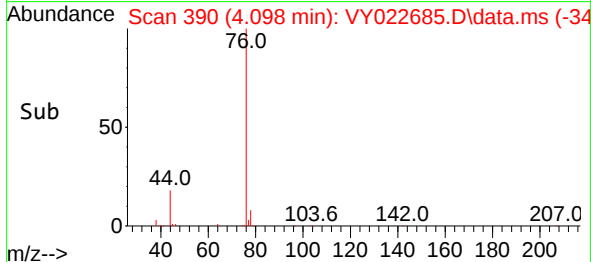
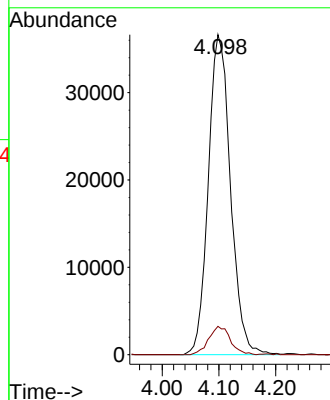
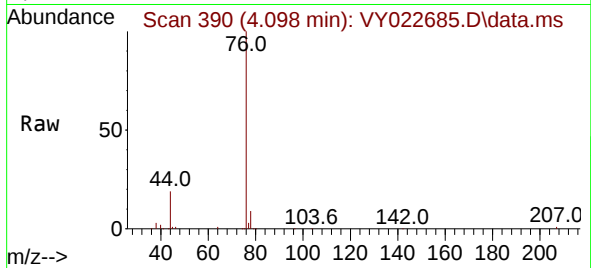




#17
Carbon Disulfide
Concen: 20.939 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

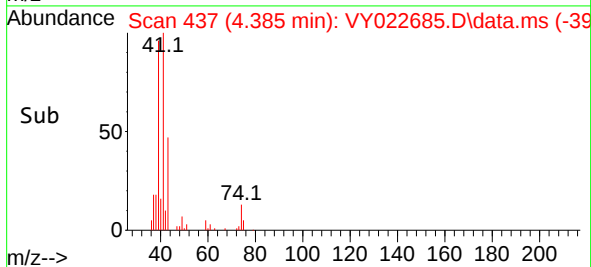
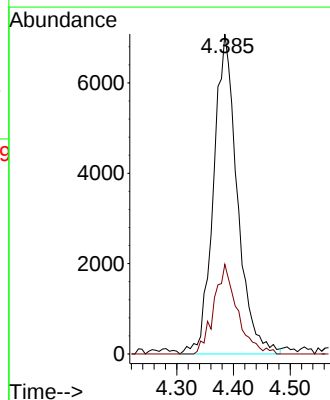
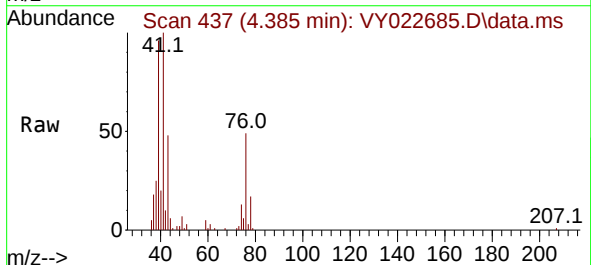
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

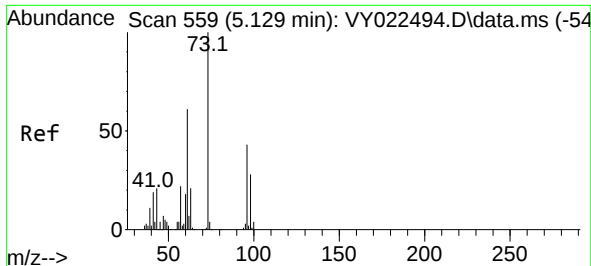
Tgt Ion: 76 Resp: 99707
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 21.663 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 43 Resp: 20667
Ion Ratio Lower Upper
43 100
74 27.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 21.806 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

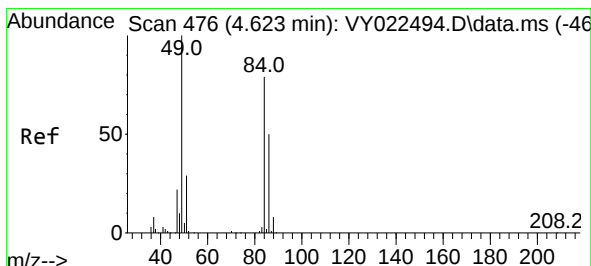
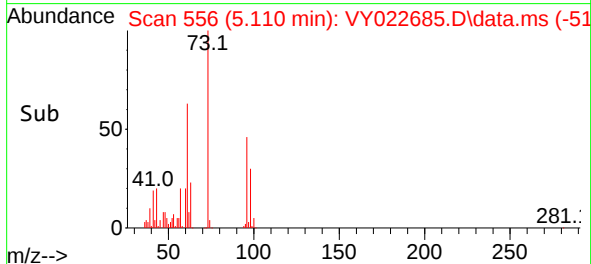
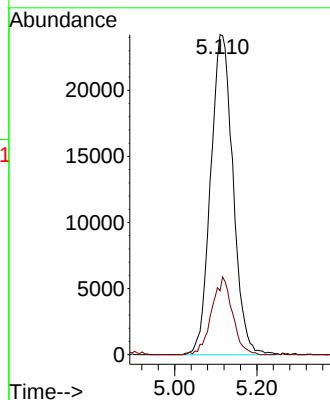
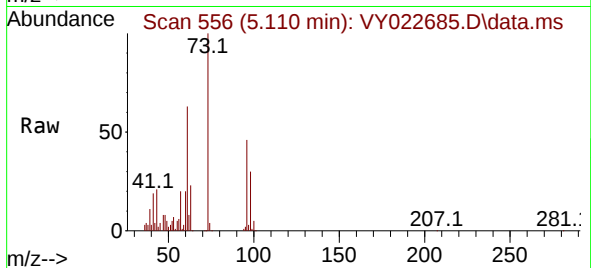
VY0613SBS01

Tgt Ion: 73 Resp: 91352

Ion Ratio Lower Upper

73 100

57 20.0 17.4 26.0



#20

Methylene Chloride

Concen: 22.910 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Tgt Ion: 84 Resp: 41925

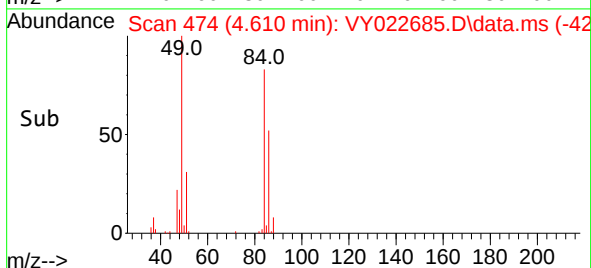
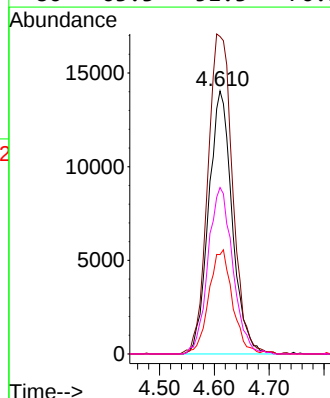
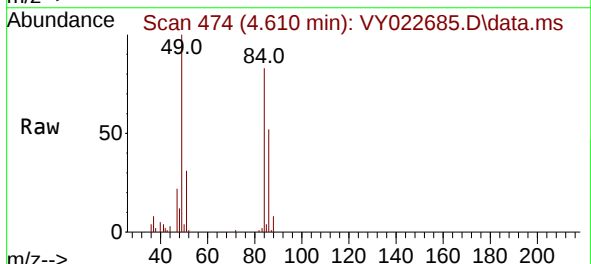
Ion Ratio Lower Upper

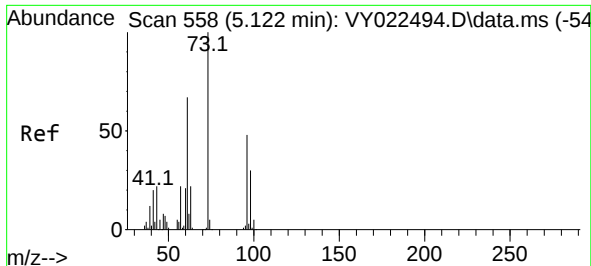
84 100

49 120.8 101.9 152.9

51 37.8 29.8 44.8

86 63.3 51.3 76.9

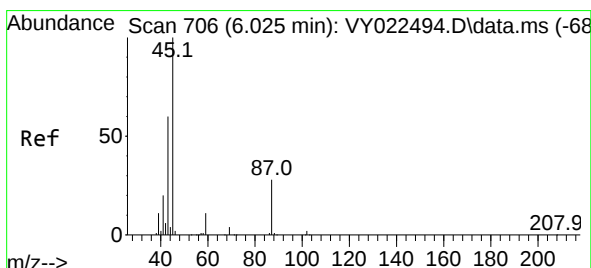
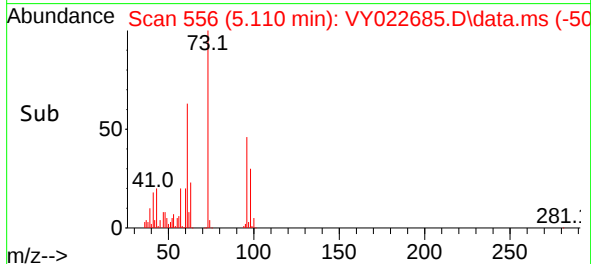
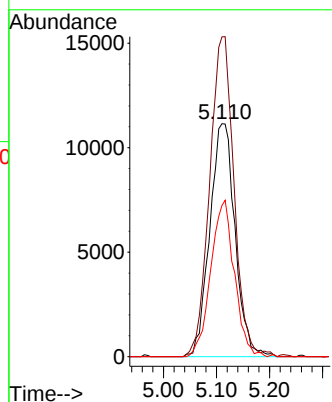
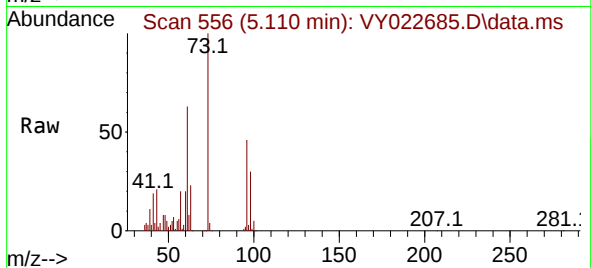




#21
trans-1,2-Dichloroethene
Concen: 22.141 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

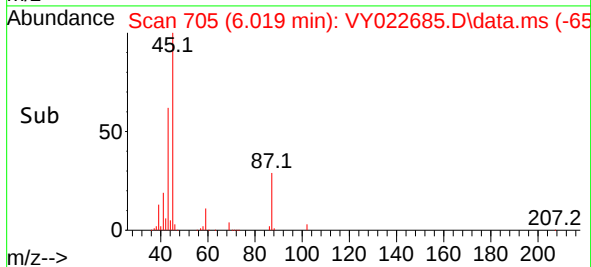
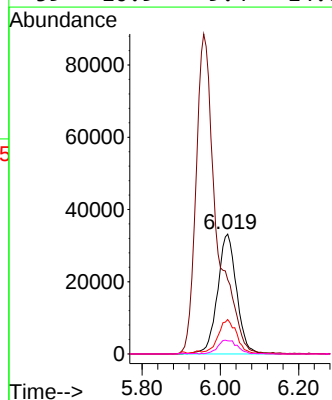
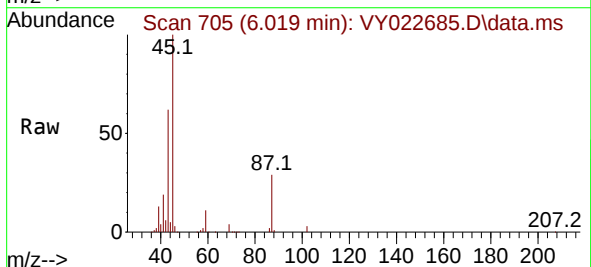
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

Tgt Ion: 96 Resp: 36857
Ion Ratio Lower Upper
96 100
61 137.4 112.6 169.0
98 64.9 50.6 75.8



#22
Diisopropyl ether
Concen: 21.588 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 45 Resp: 112201
Ion Ratio Lower Upper
45 100
43 61.1 48.3 72.5
87 28.7 23.0 34.6
59 10.9 9.4 14.0

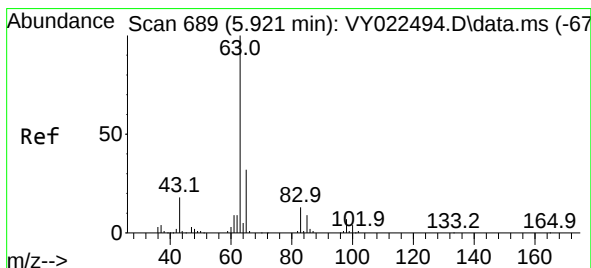
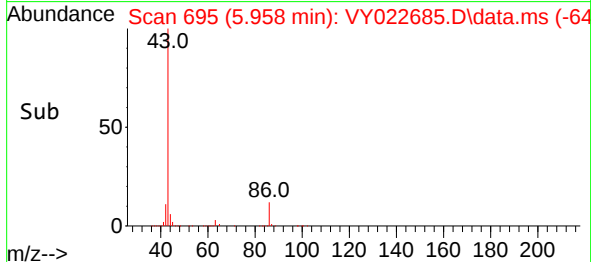
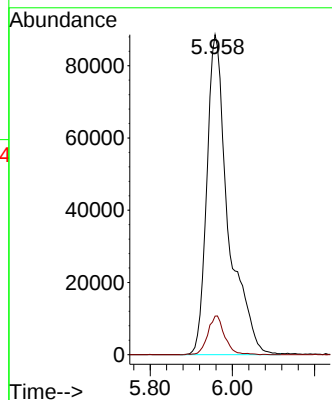
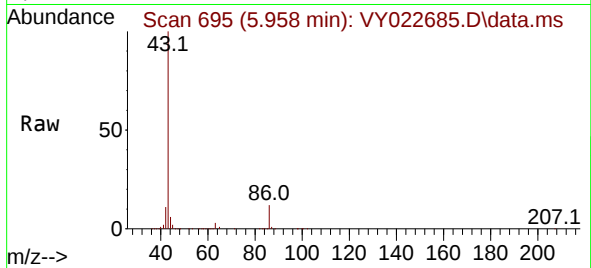




#23
 Vinyl Acetate
 Concen: 104.265 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

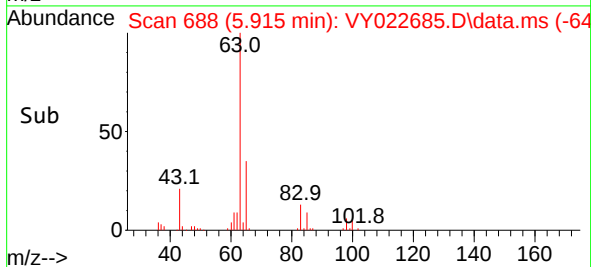
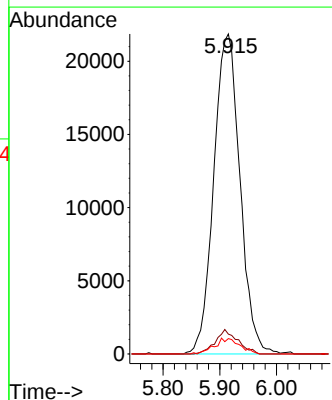
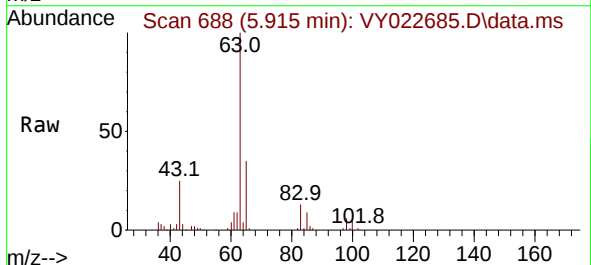
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

Tgt Ion: 43 Resp: 320741
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.895 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

Tgt Ion: 63 Resp: 70102
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 4.8 2.1 6.3

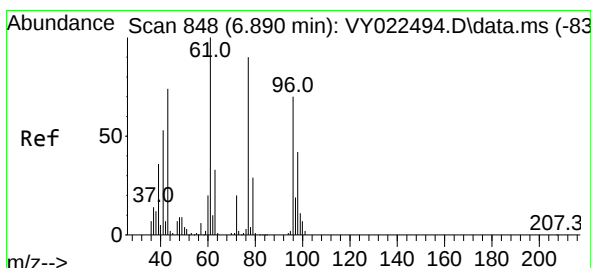
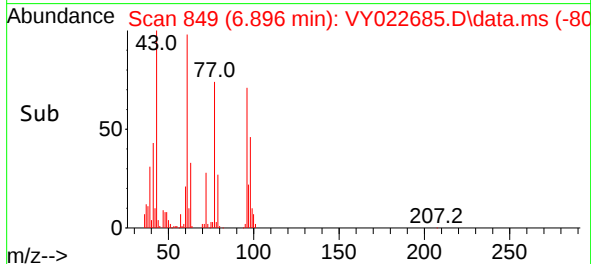
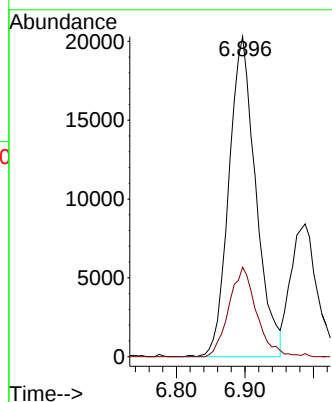
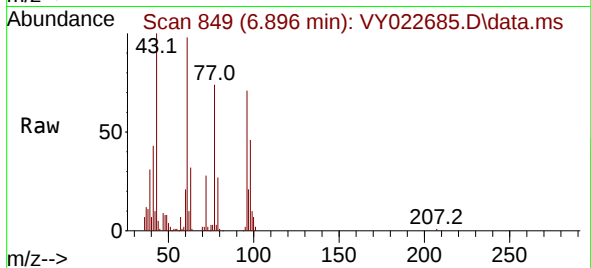




#25
2-Butanone
Concen: 119.243 ug/l
RT: 6.896 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

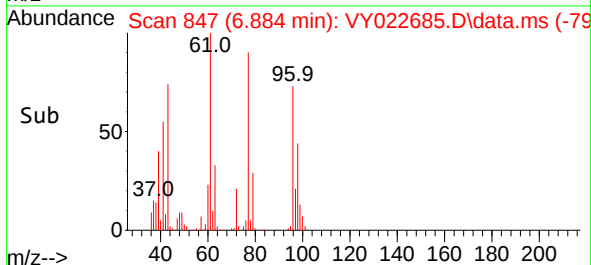
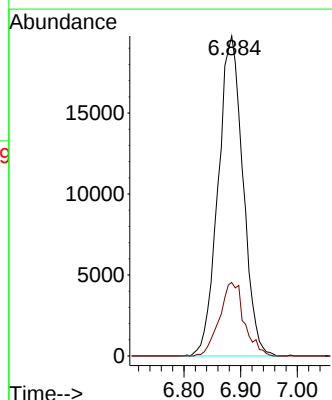
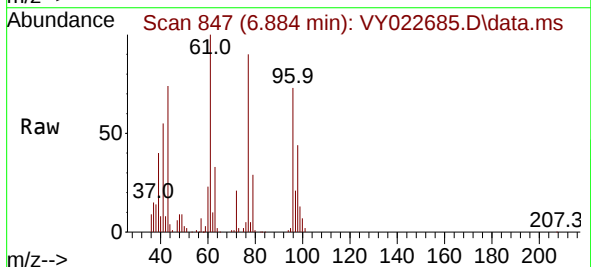
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

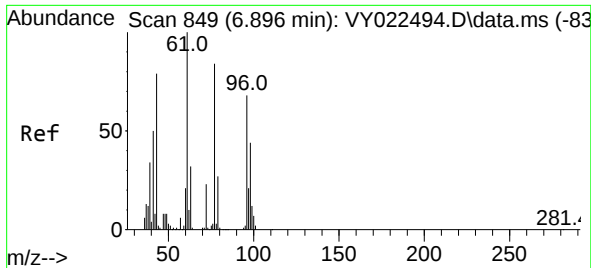
Tgt Ion: 43 Resp: 55412
Ion Ratio Lower Upper
43 100
72 27.9 22.9 34.3



#26
2,2-Dichloropropane
Concen: 22.168 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 77 Resp: 59971
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2

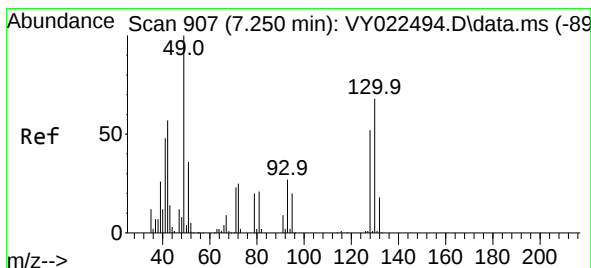
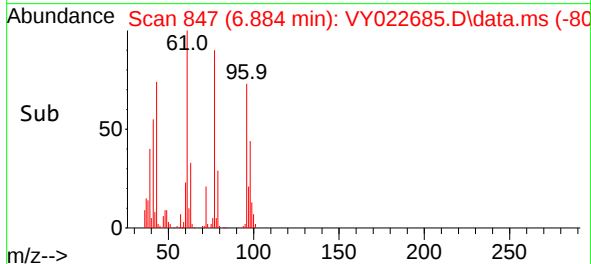
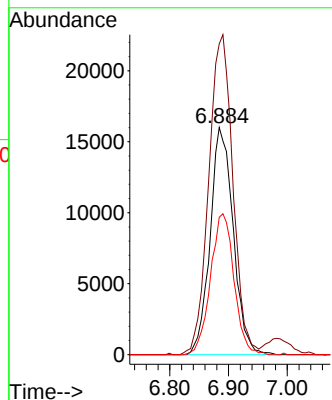
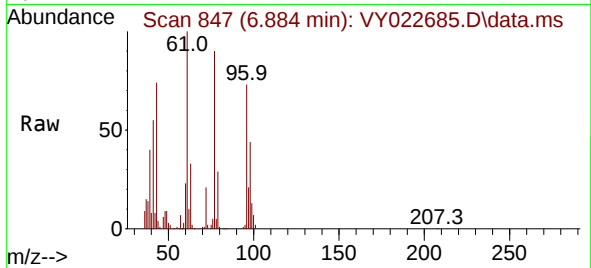




#27
 cis-1,2-Dichloroethene
 Concen: 22.756 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

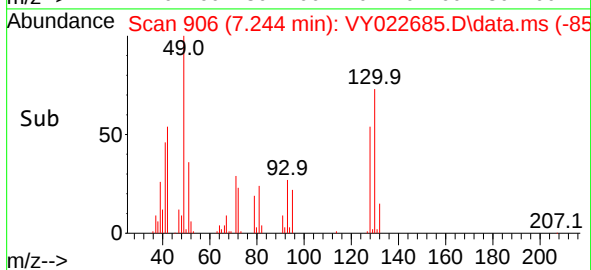
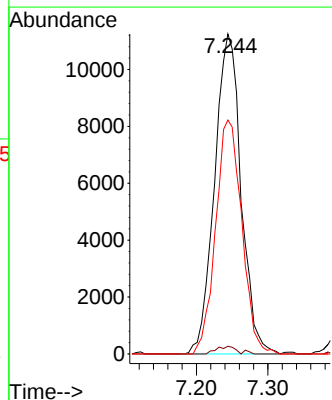
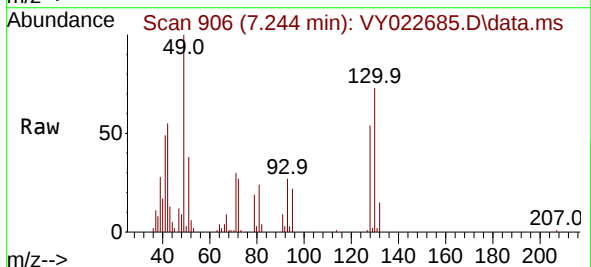
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

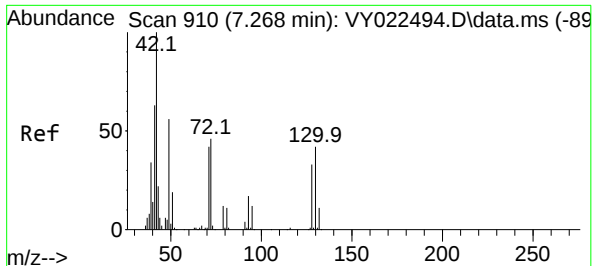
Tgt Ion: 96 Resp: 43784
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 290.0
 98 63.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 21.698 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

Tgt Ion: 49 Resp: 28960
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 72.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 106.010 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

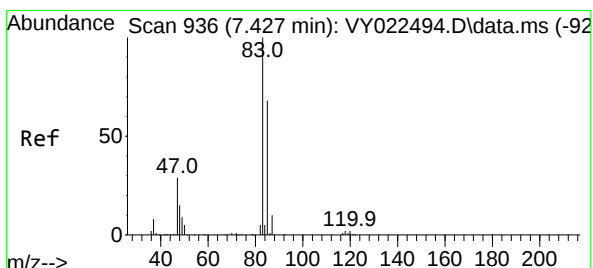
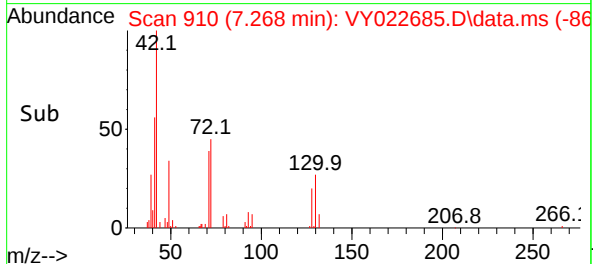
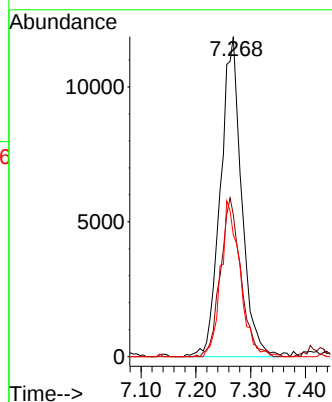
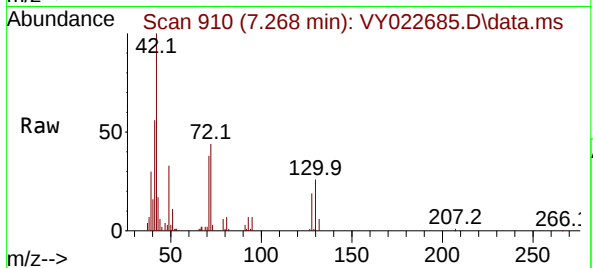
Tgt Ion: 42 Resp: 31773

Ion Ratio Lower Upper

42 100

72 48.0 37.4 56.2

71 44.6 34.2 51.2



#30

Chloroform

Concen: 23.668 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022685.D

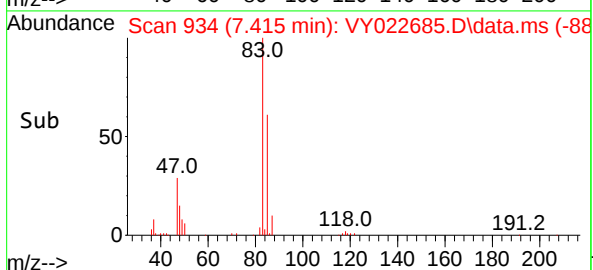
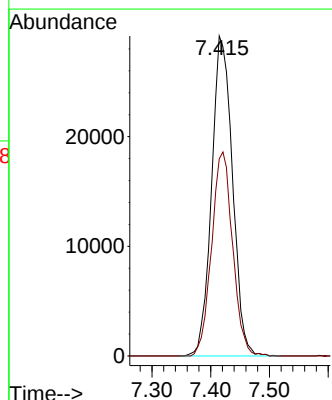
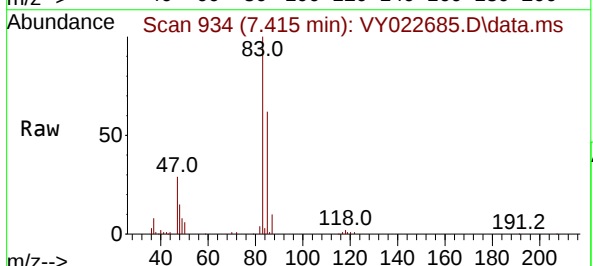
Acq: 13 Jun 2025 10:05

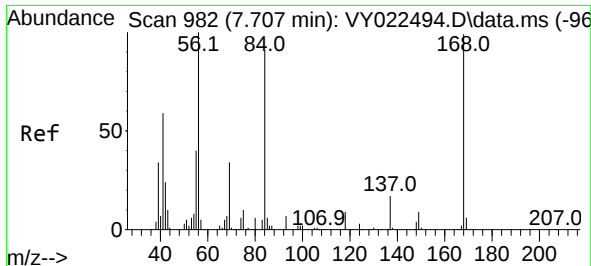
Tgt Ion: 83 Resp: 71780

Ion Ratio Lower Upper

83 100

85 61.6 54.2 81.4

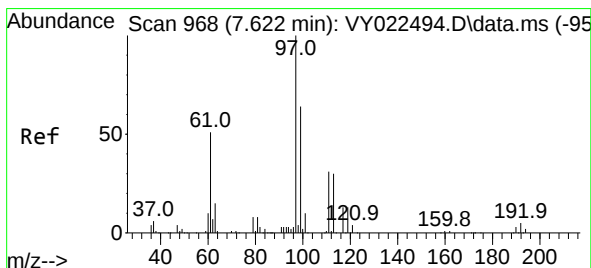
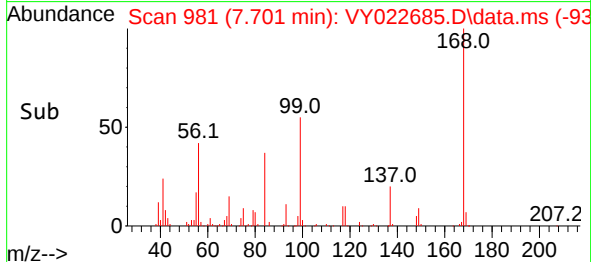
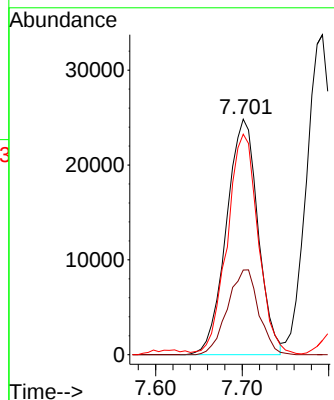
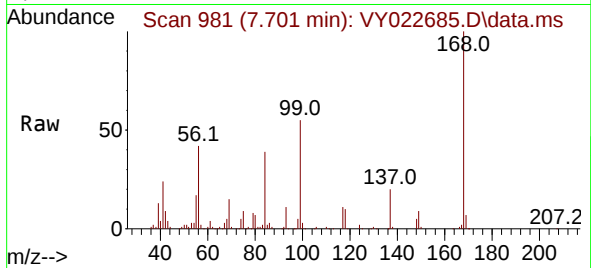




#31
Cyclohexane
Concen: 20.676 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

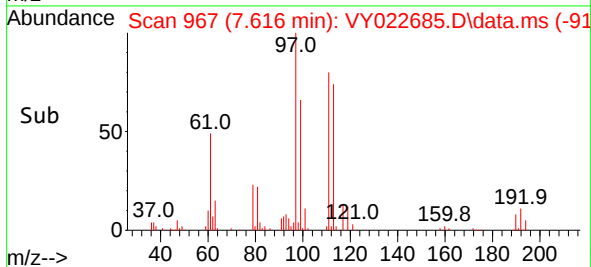
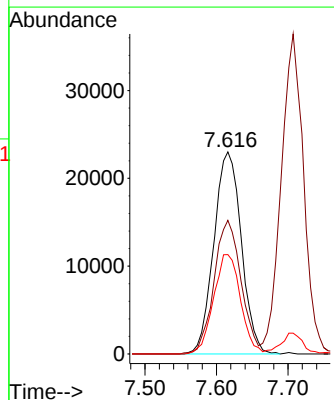
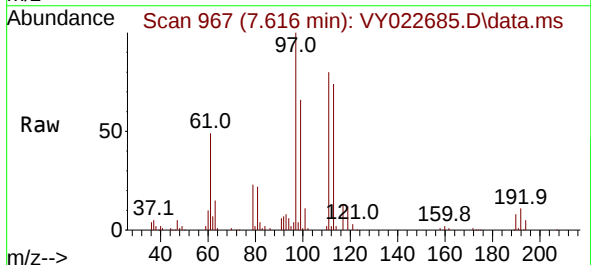
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

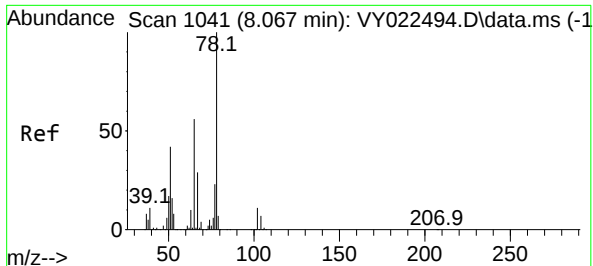
Tgt Ion: 56 Resp: 63024
Ion Ratio Lower Upper
56 100
69 36.0 27.0 40.6
84 92.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.802 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 97 Resp: 61388
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 48.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.020 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

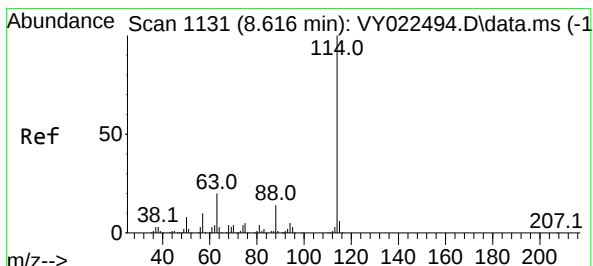
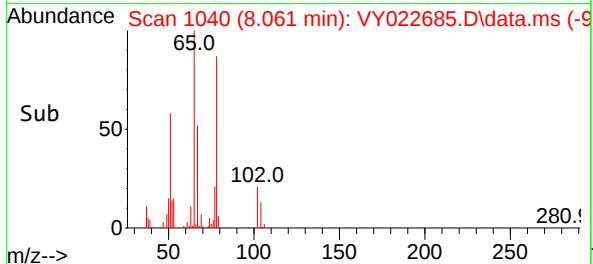
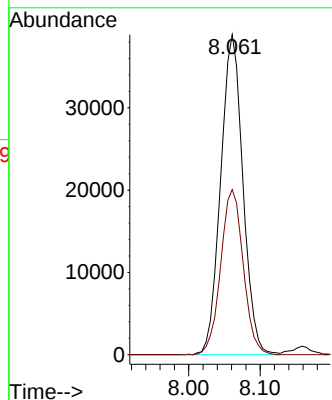
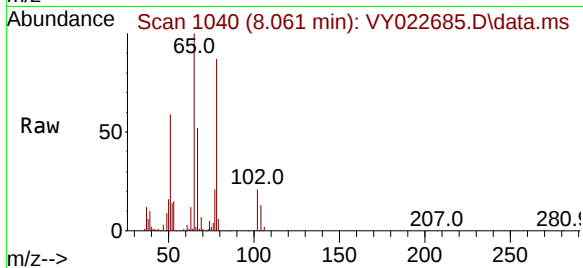
VY0613SBS01

Tgt Ion: 65 Resp: 84107

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

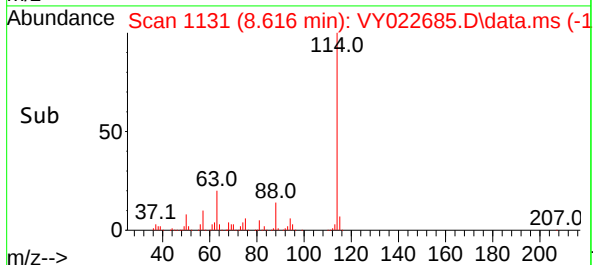
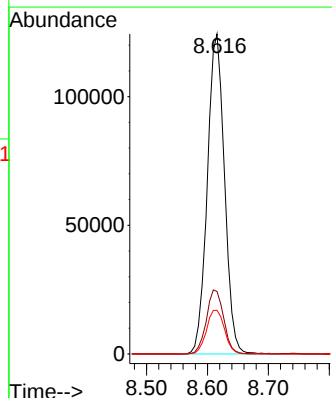
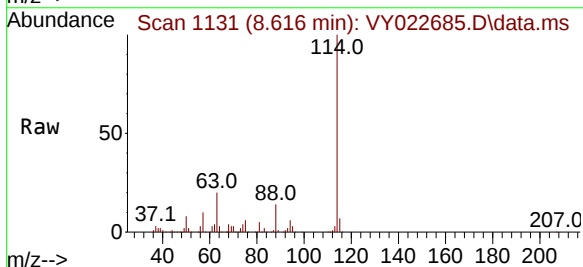
Tgt Ion: 114 Resp: 243776

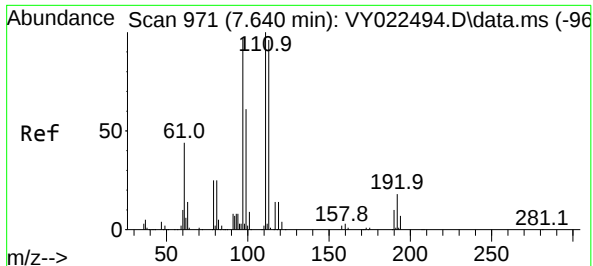
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 13.7 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.455 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

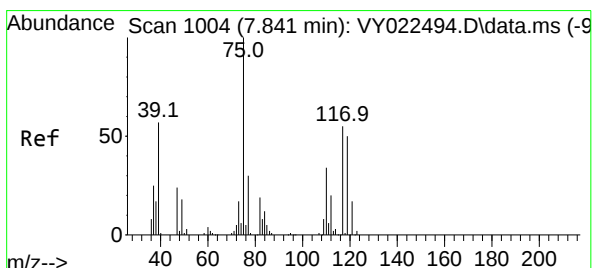
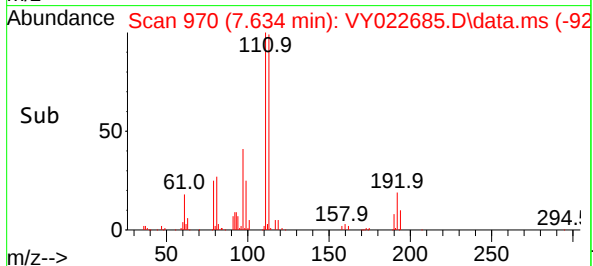
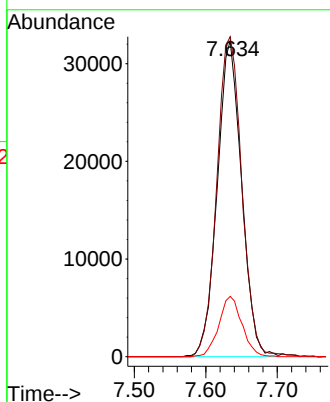
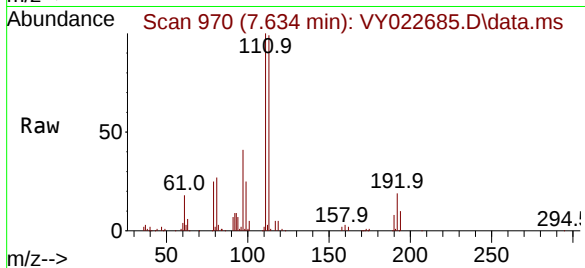
Tgt Ion:113 Resp: 76325

Ion Ratio Lower Upper

113 100

111 104.3 81.1 121.7

192 18.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 22.109 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

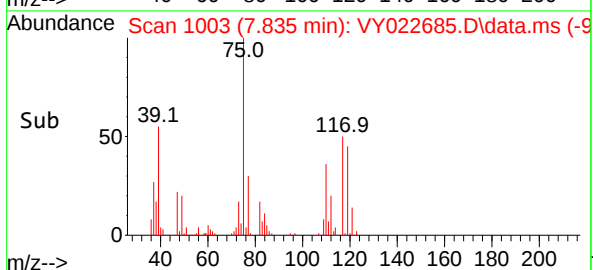
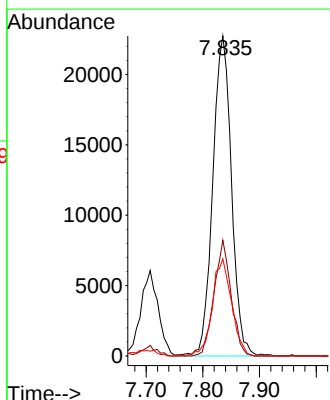
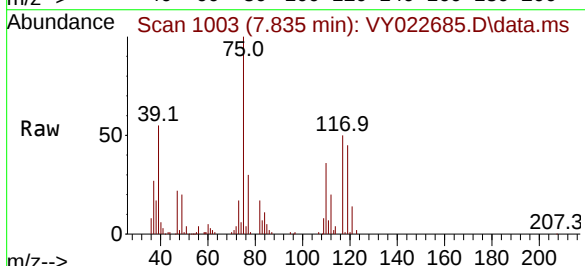
Tgt Ion: 75 Resp: 52211

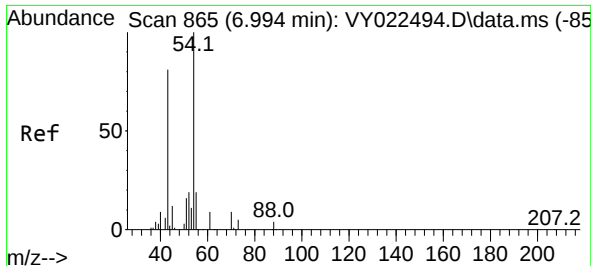
Ion Ratio Lower Upper

75 100

110 32.9 16.9 50.7

77 31.2 24.8 37.2

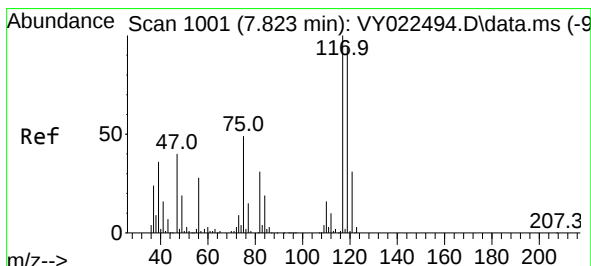
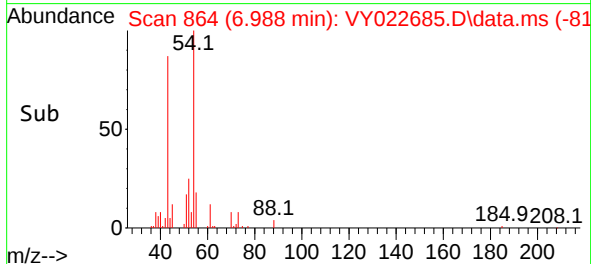
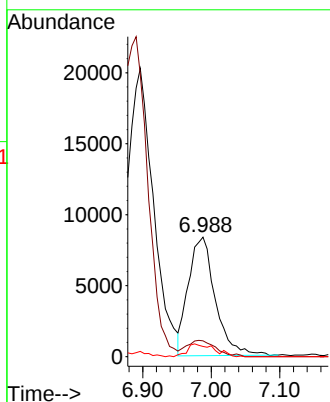
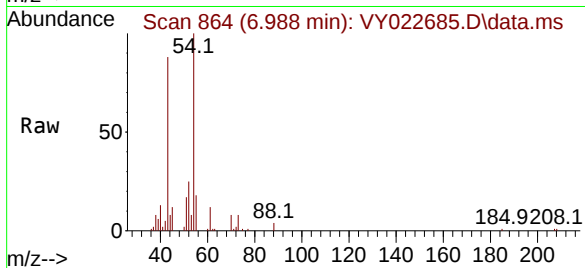




#37
Ethyl Acetate
Concen: 21.663 ug/l
RT: 6.988 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

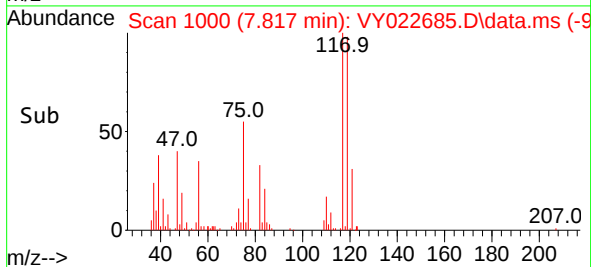
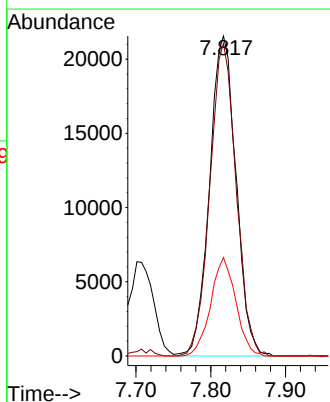
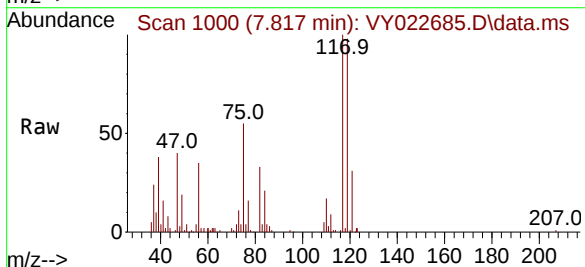
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

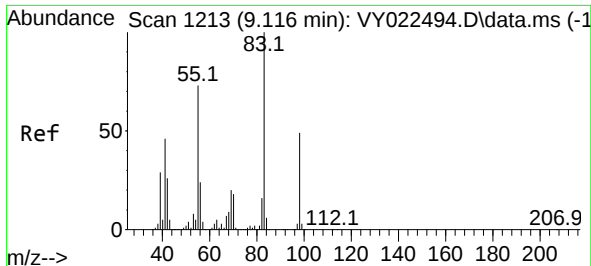
Tgt Ion: 43 Resp: 22814
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 10.8 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 21.822 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 117 Resp: 52867
Ion Ratio Lower Upper
117 100
119 97.7 75.0 112.6
121 30.8 25.0 37.4





#39

Methylcyclohexane

Concen: 20.213 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

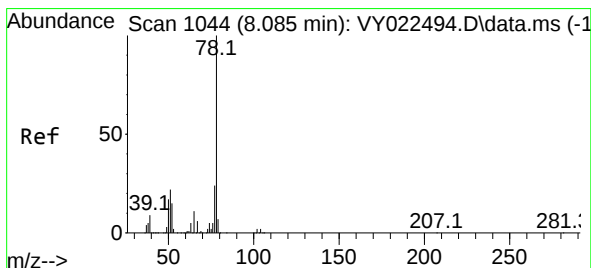
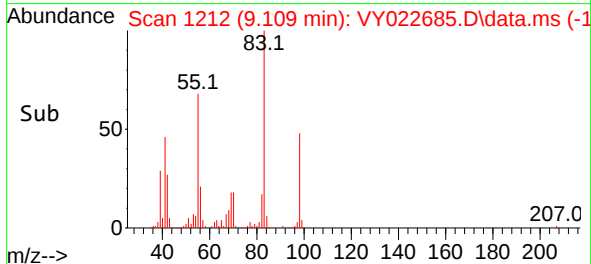
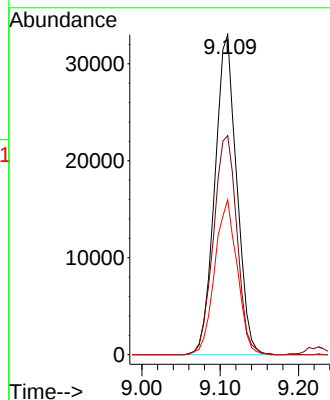
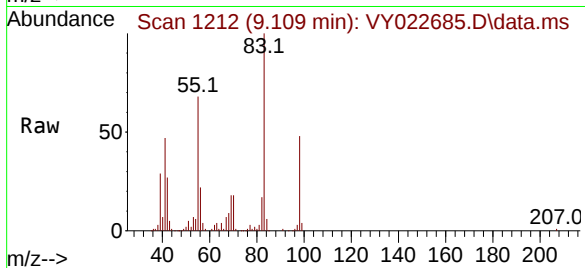
Tgt Ion: 83 Resp: 64146

Ion Ratio Lower Upper

83 100

55 68.5 58.1 87.1

98 48.4 39.0 58.6



#40

Benzene

Concen: 22.553 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022685.D

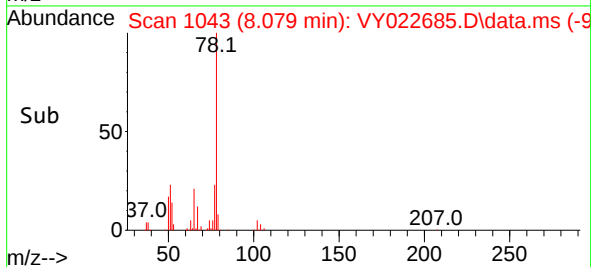
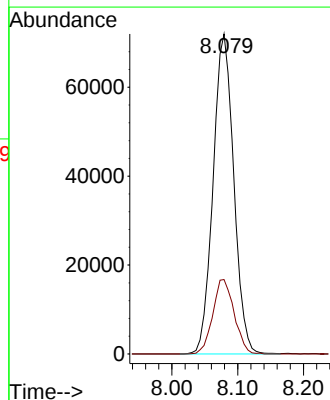
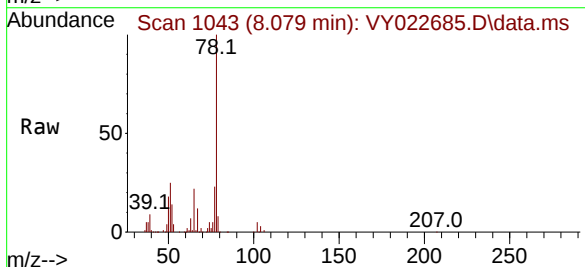
Acq: 13 Jun 2025 10:05

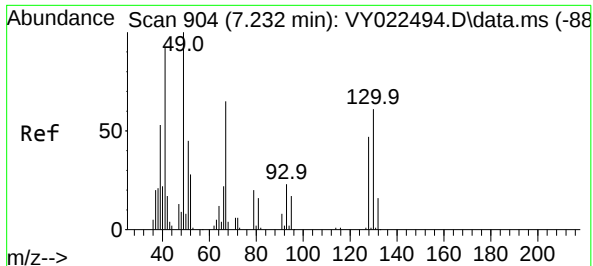
Tgt Ion: 78 Resp: 157308

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

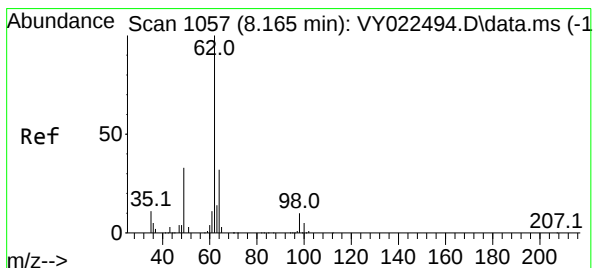
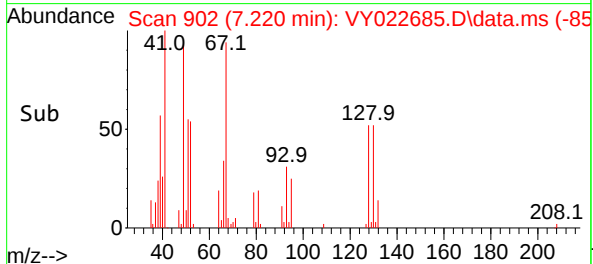
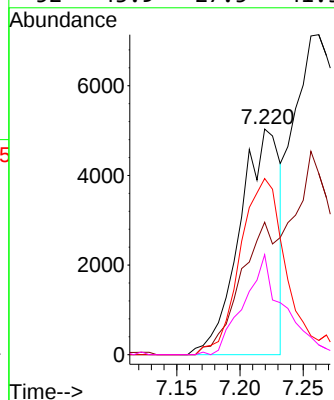
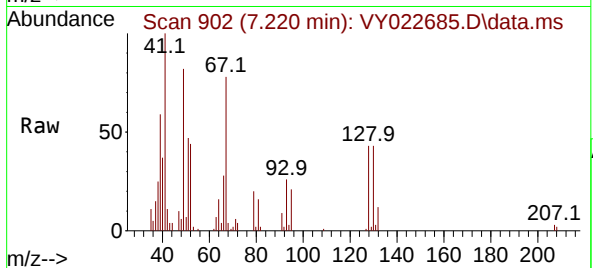




#41
Methacrylonitrile
Concen: 18.168 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

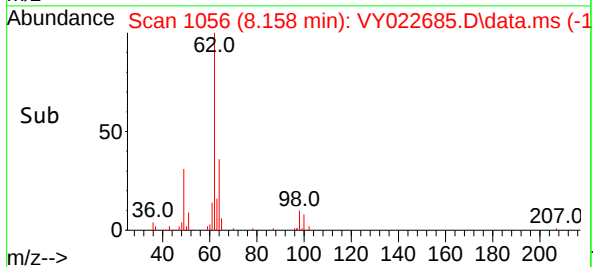
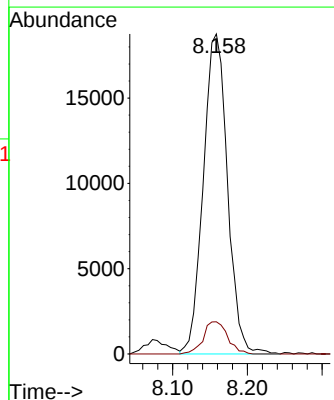
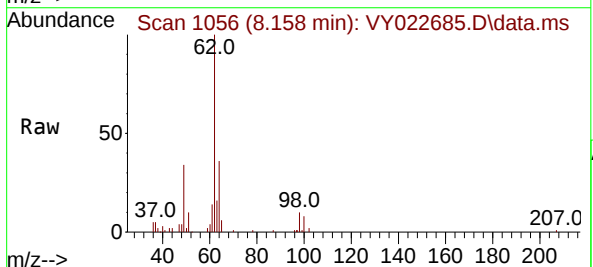
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

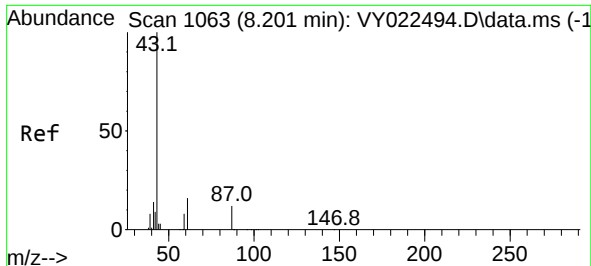
Tgt Ion: 41 Resp: 11176
Ion Ratio Lower Upper
41 100
39 48.1 46.6 69.8
67 89.5 63.3 94.9
52 43.9 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 22.150 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 62 Resp: 42185
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.2

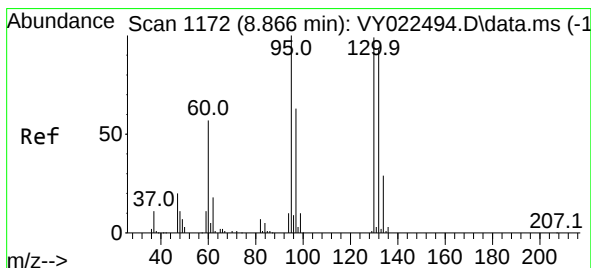
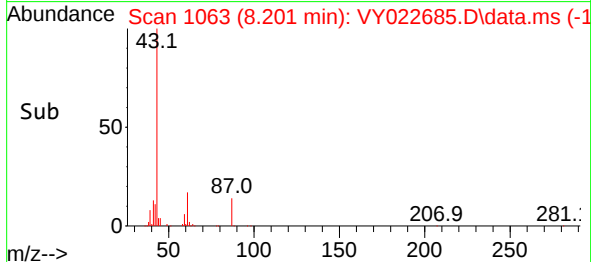
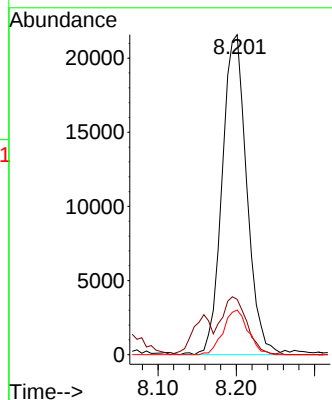
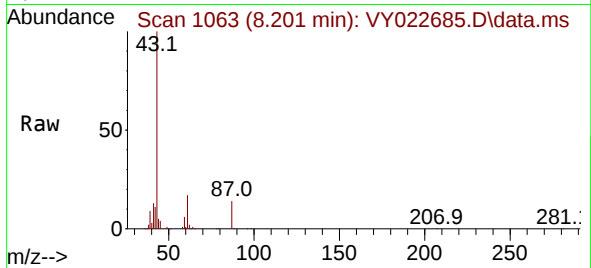




#43
Isopropyl Acetate
Concen: 20.729 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

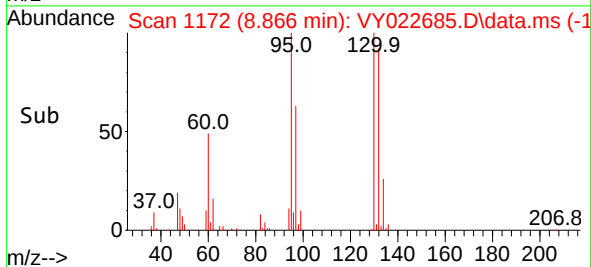
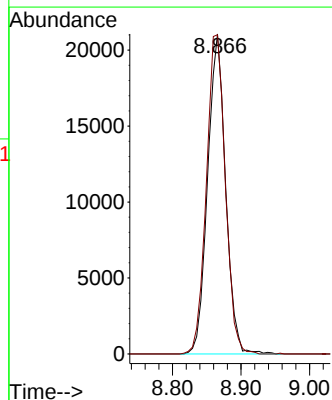
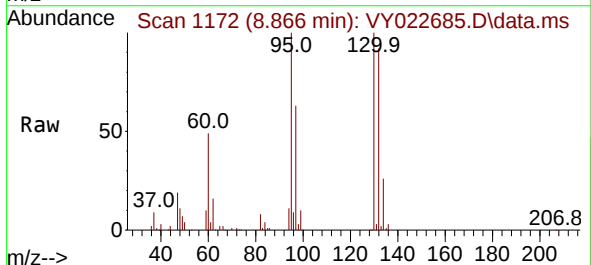
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

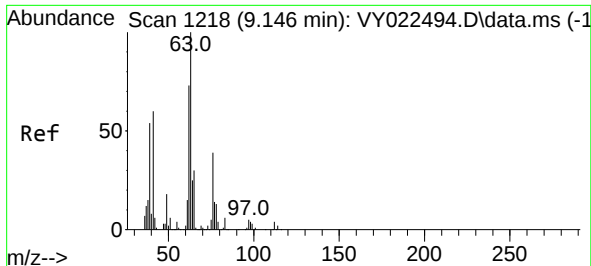
Tgt Ion: 43 Resp: 47147
Ion Ratio Lower Upper
43 100
61 18.7 15.6 23.4
87 14.1 10.2 15.4



#44
Trichloroethene
Concen: 22.567 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 130 Resp: 38470
Ion Ratio Lower Upper
130 100
95 99.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.298 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

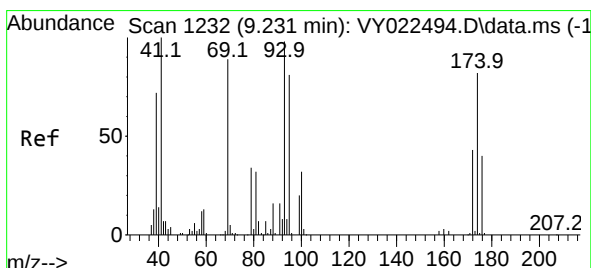
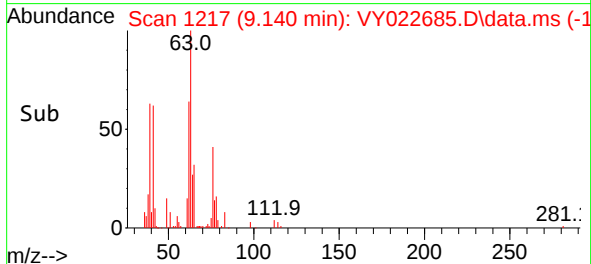
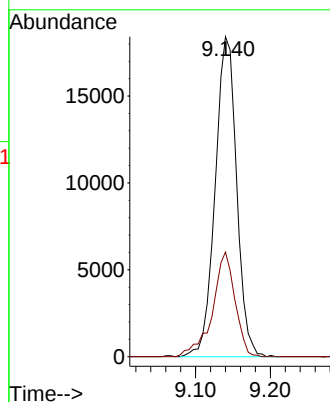
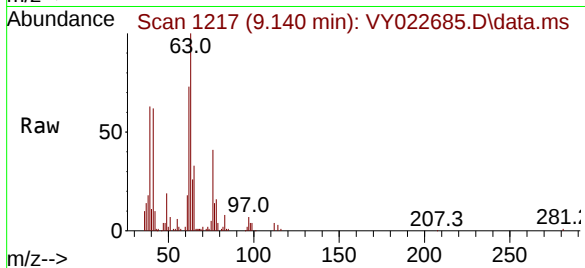
VY0613SBS01

Tgt Ion: 63 Resp: 36757

Ion Ratio Lower Upper

63 100

65 32.7 24.0 36.0



#46

Dibromomethane

Concen: 21.846 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

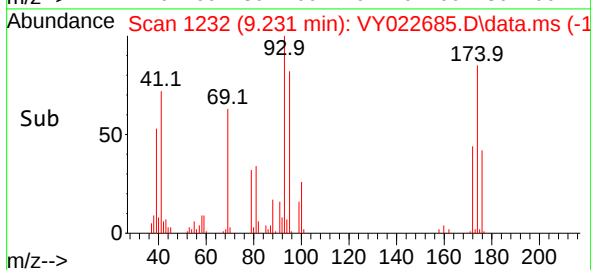
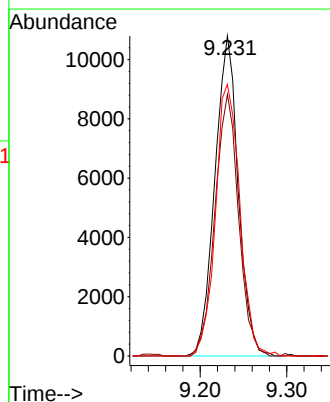
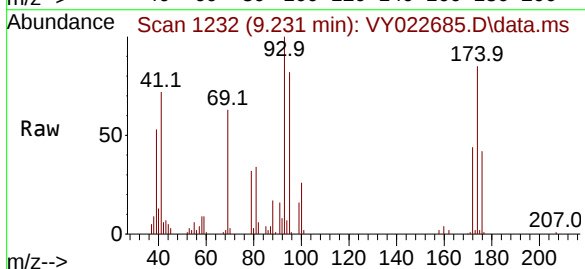
Tgt Ion: 93 Resp: 20260

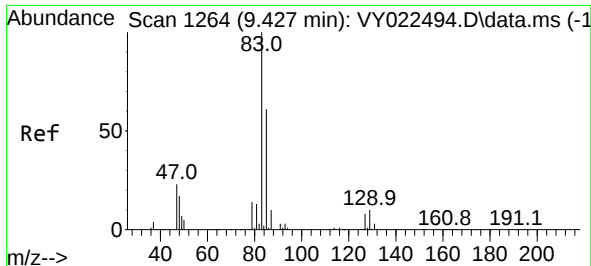
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 88.4 70.4 105.6

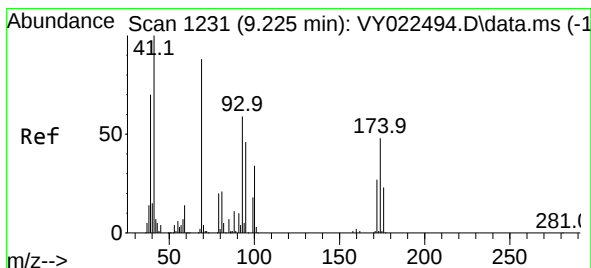
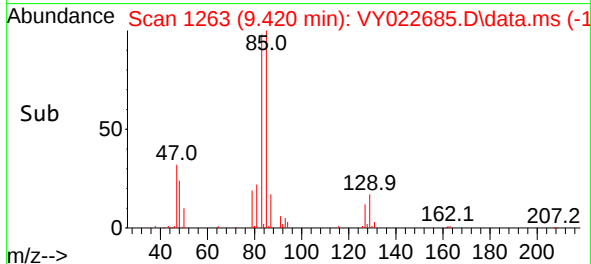
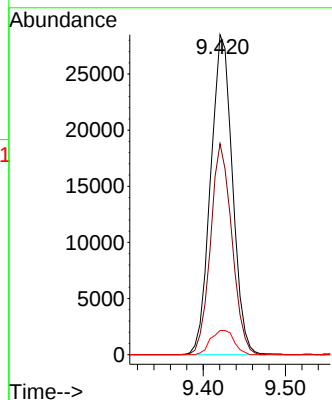
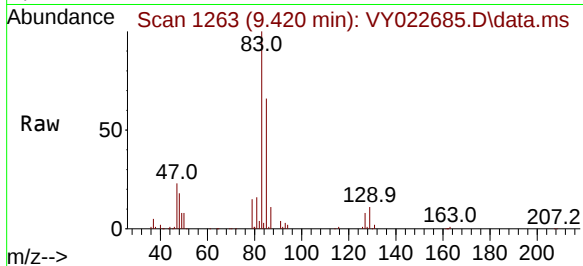




#47
Bromodichloromethane
Concen: 22.349 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

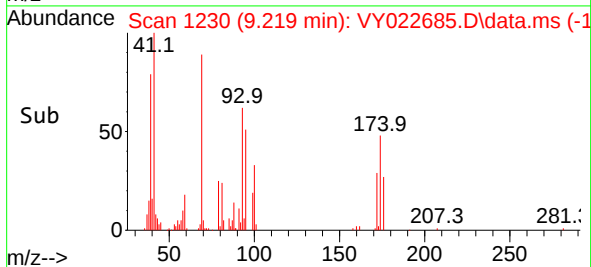
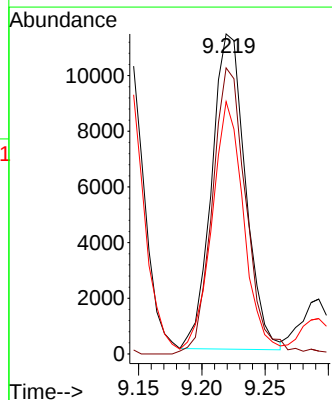
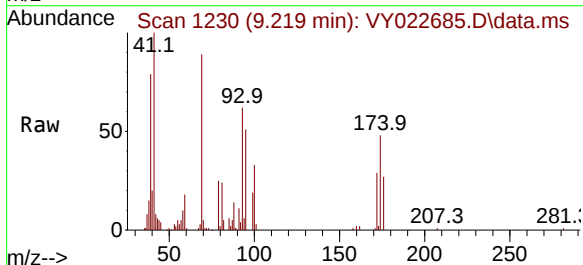
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

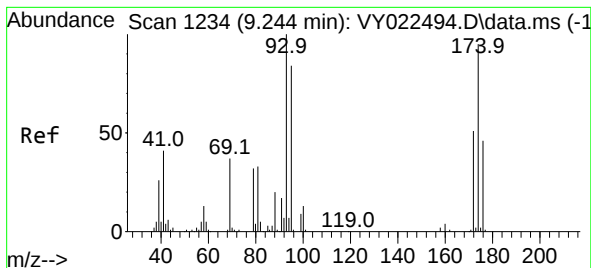
Tgt Ion: 83 Resp: 52553
Ion Ratio Lower Upper
83 100
85 65.9 49.1 73.7
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 19.754 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 41 Resp: 21087
Ion Ratio Lower Upper
41 100
69 91.4 67.8 101.8
39 72.7 55.0 82.4





#49

1,4-Dioxane

Concen: 411.039 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

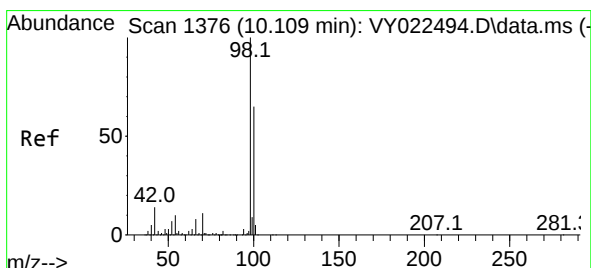
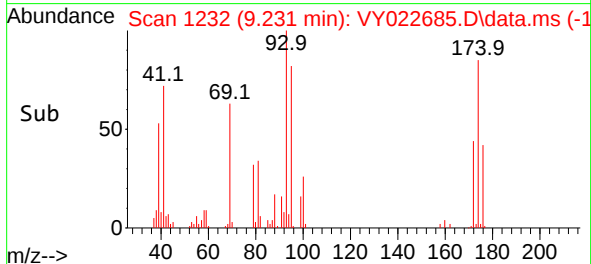
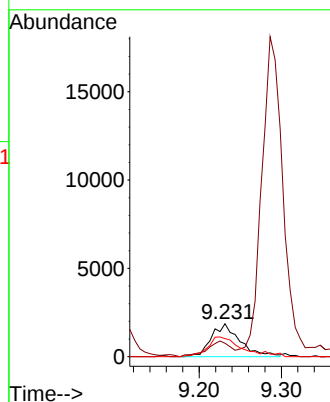
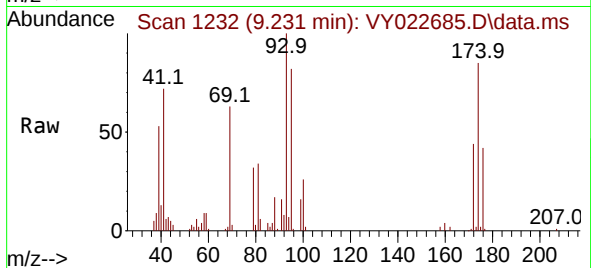
Tgt Ion: 88 Resp: 4516

Ion Ratio Lower Upper

88 100

43 38.7 25.4 38.2#

58 70.9 54.9 82.3



#50

Toluene-d8

Concen: 52.252 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022685.D

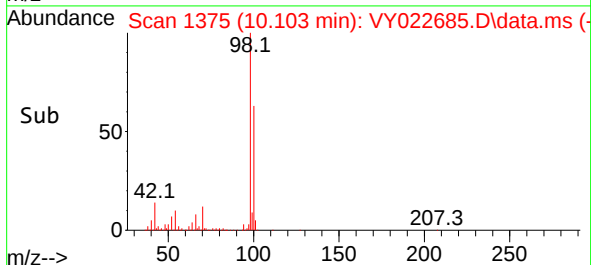
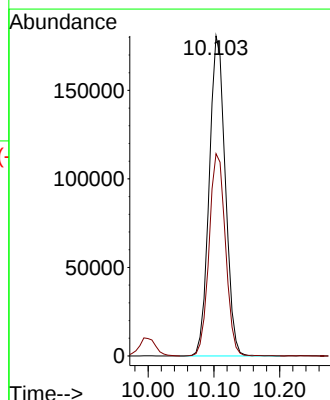
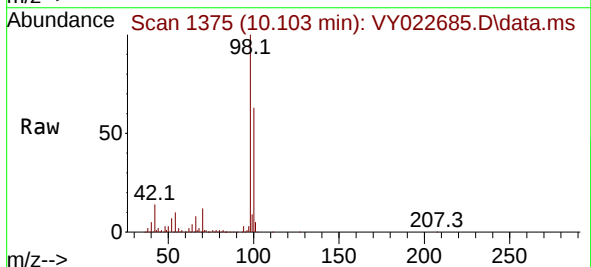
Acq: 13 Jun 2025 10:05

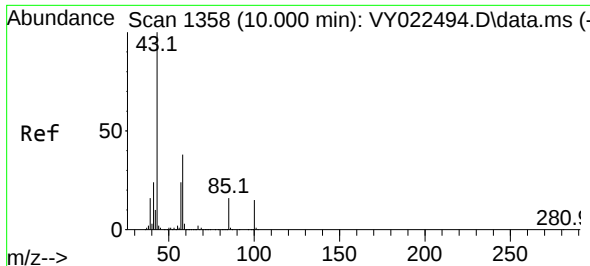
Tgt Ion: 98 Resp: 307209

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

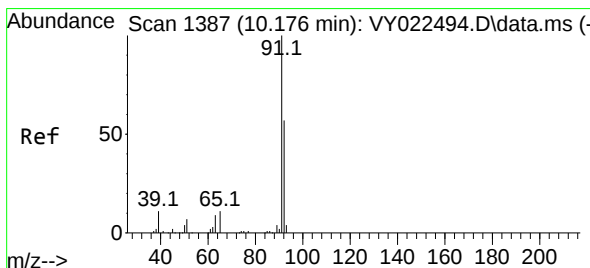
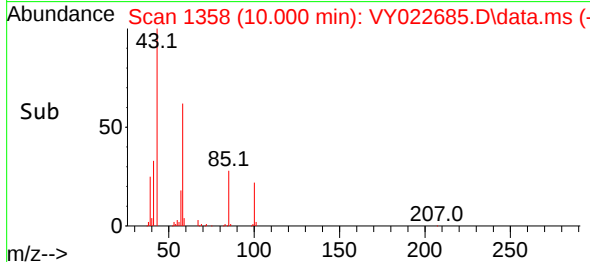
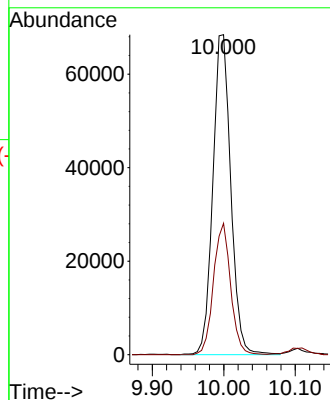
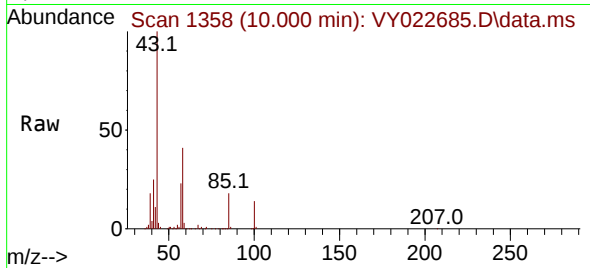




#51
4-Methyl-2-Pentanone
Concen: 105.157 ug/l
RT: 10.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

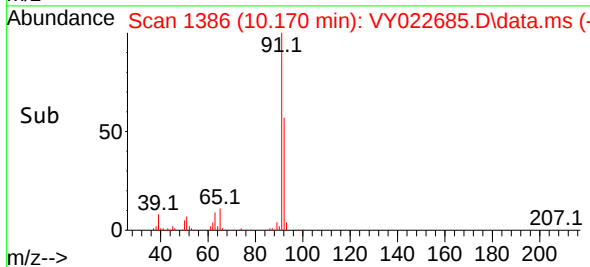
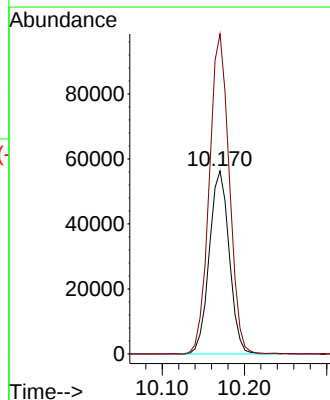
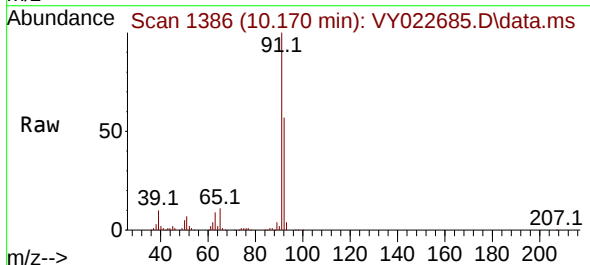
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

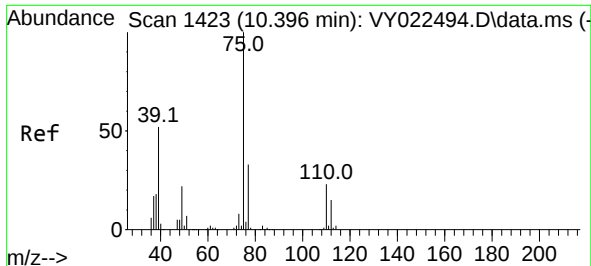
Tgt Ion: 43 Resp: 119247
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6



#52
Toluene
Concen: 21.584 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 92 Resp: 94609
Ion Ratio Lower Upper
92 100
91 175.5 139.0 208.4

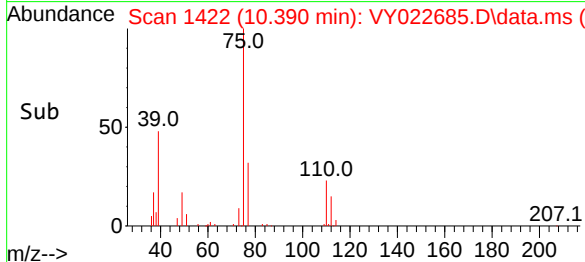
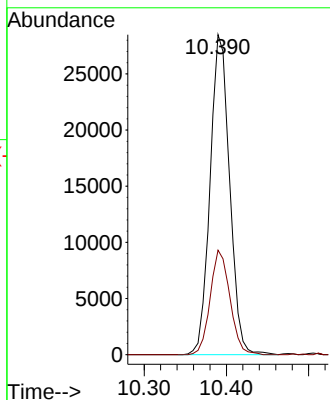
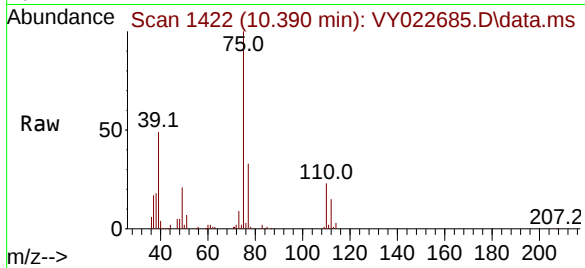




#53
t-1,3-Dichloropropene
Concen: 21.321 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

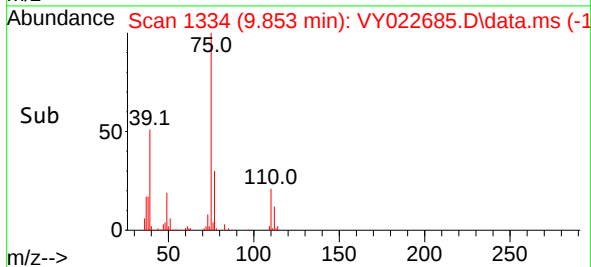
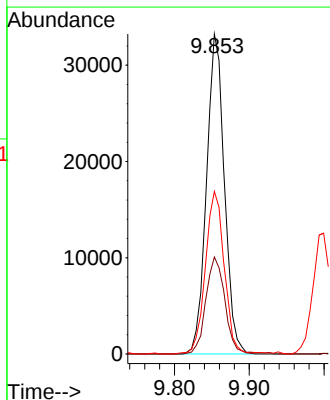
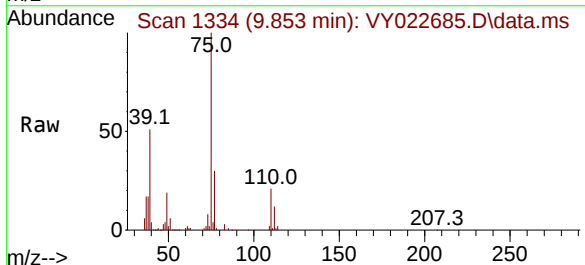
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

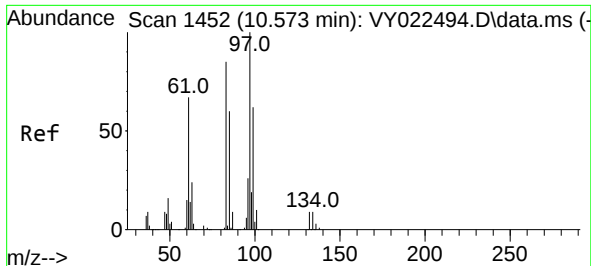
Tgt Ion: 75 Resp: 46977
Ion Ratio Lower Upper
75 100
77 32.6 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 21.567 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 75 Resp: 55314
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 50.6 42.7 64.1

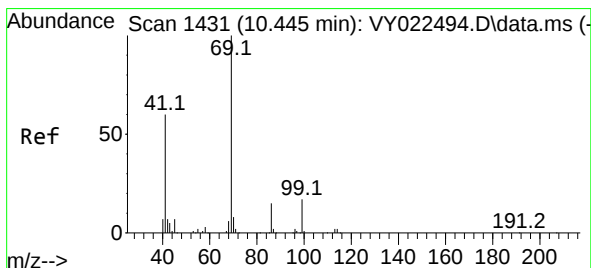
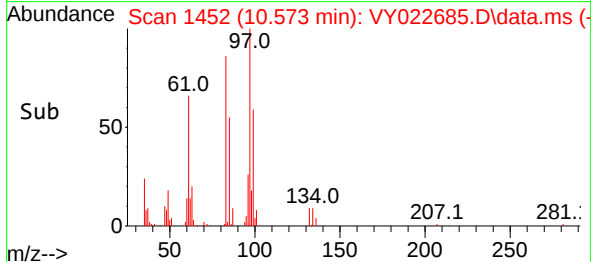
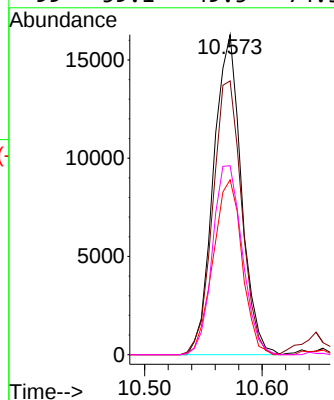
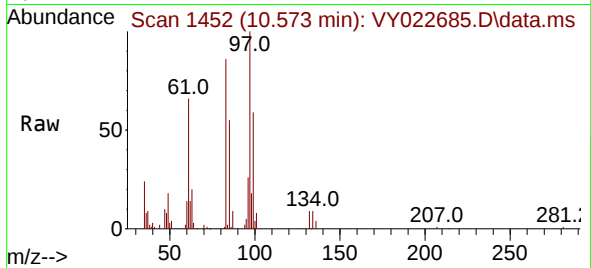




#55
1,1,2-Trichloroethane
Concen: 22.628 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

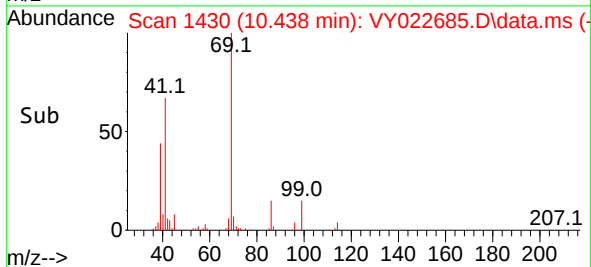
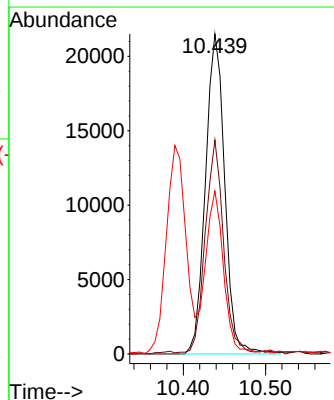
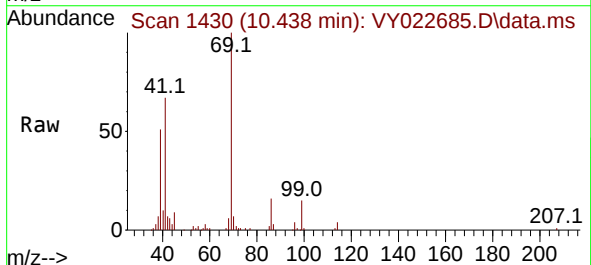
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

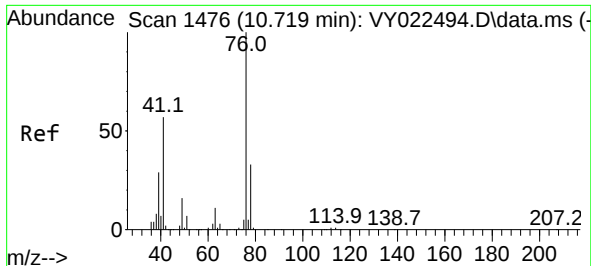
Tgt Ion:	97	Resp:	26759
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	54.6	48.2	72.2
99	59.1	49.5	74.3



#56
Ethyl methacrylate
Concen: 20.447 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:	69	Resp:	34948
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.2	78.2
39	47.2	36.7	55.1





#57

1,3-Dichloropropane

Concen: 22.793 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

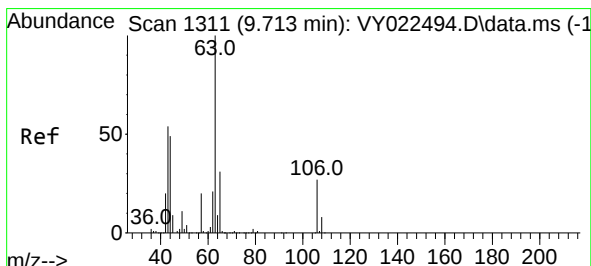
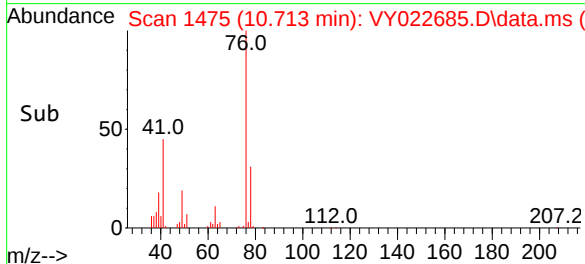
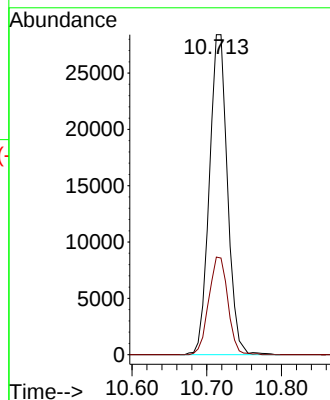
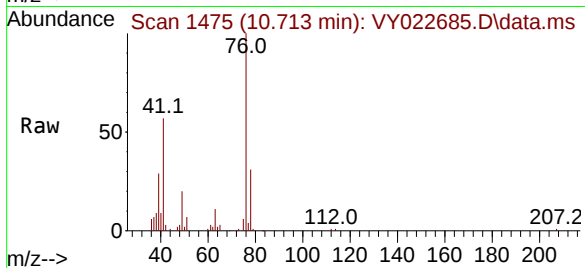
VY0613SBS01

Tgt Ion: 76 Resp: 47773

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 112.113 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022685.D

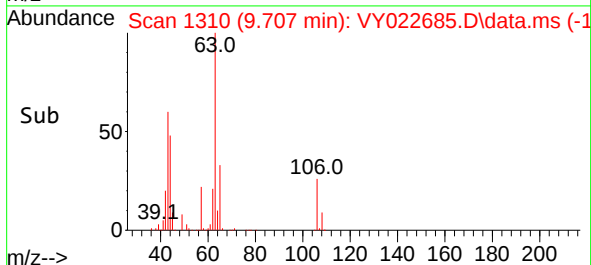
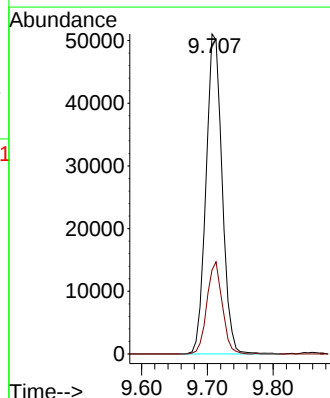
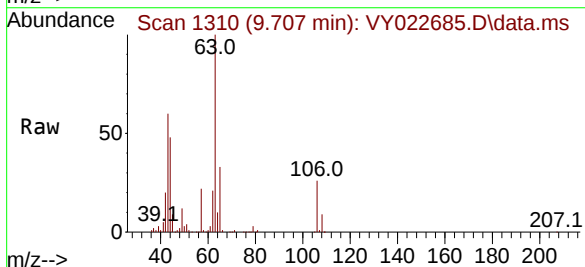
Acq: 13 Jun 2025 10:05

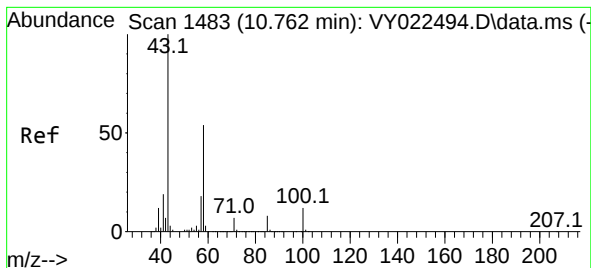
Tgt Ion: 63 Resp: 86999

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

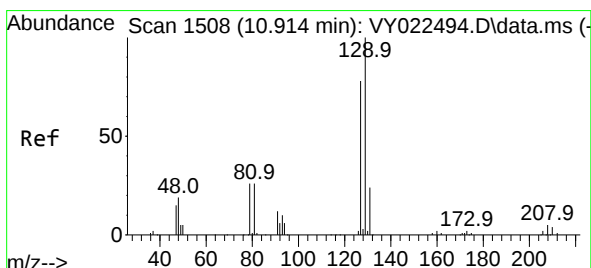
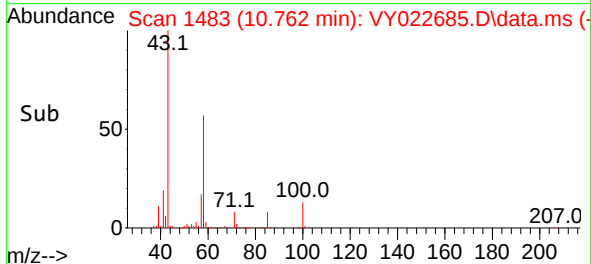
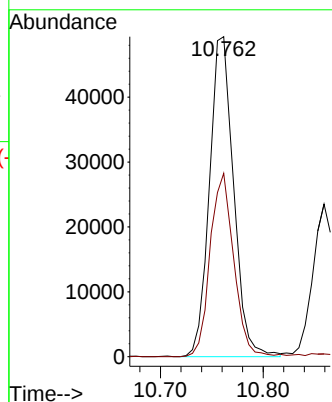
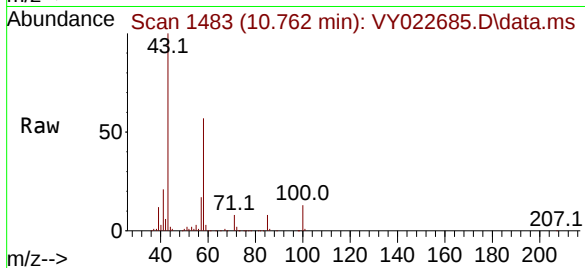




#59
2-Hexanone
Concen: 106.064 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

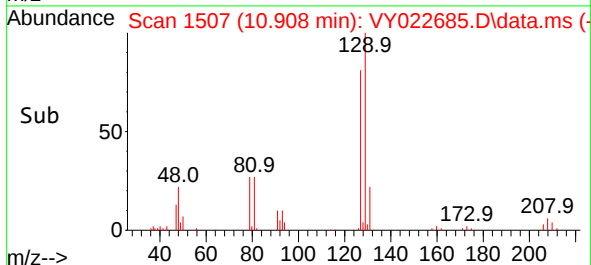
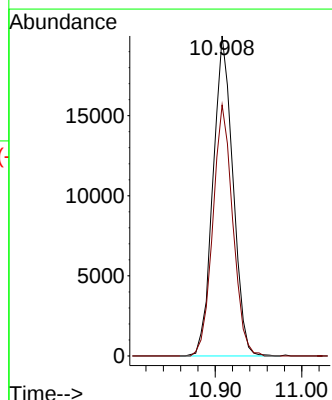
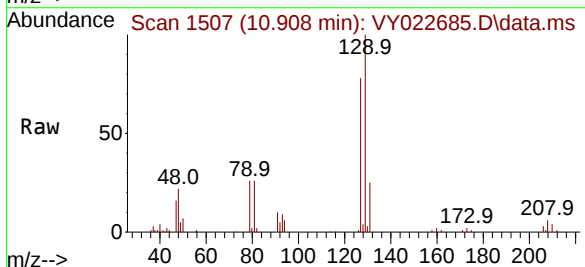
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

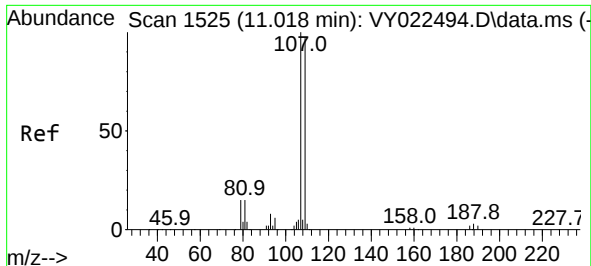
Tgt Ion: 43 Resp: 80439
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8



#60
Dibromochloromethane
Concen: 21.260 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:129 Resp: 31950
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2

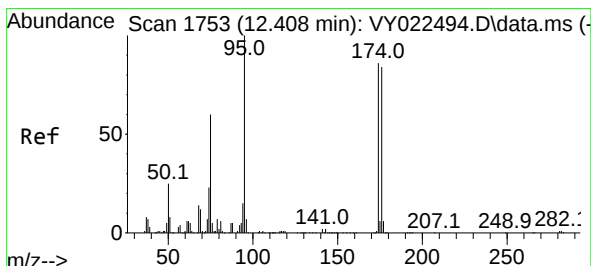
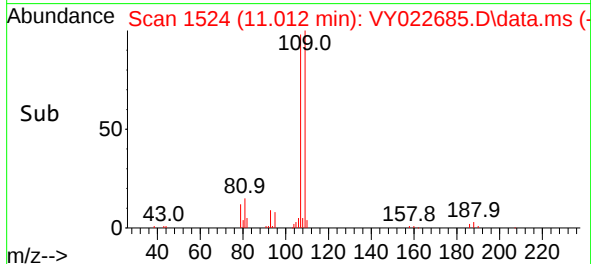
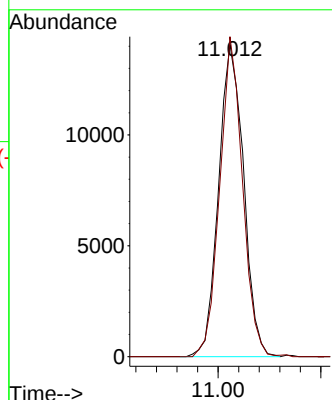
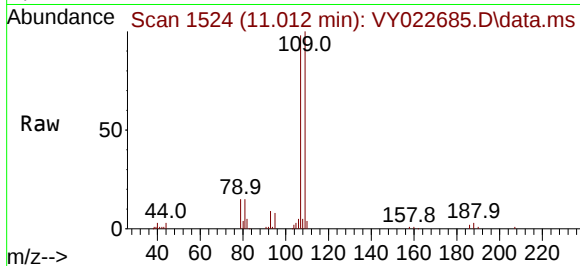




#61
1,2-Dibromoethane
Concen: 22.007 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

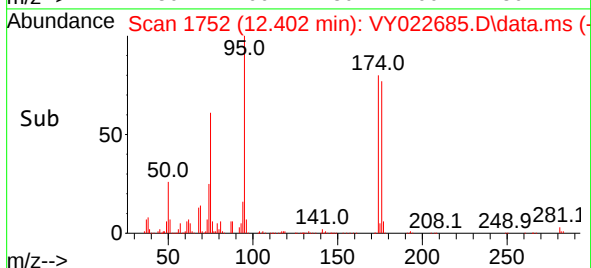
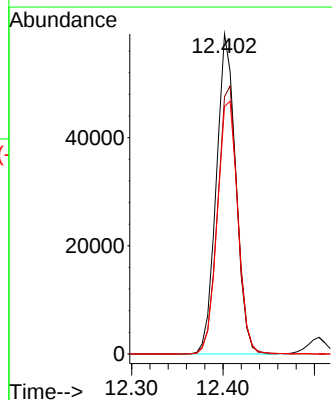
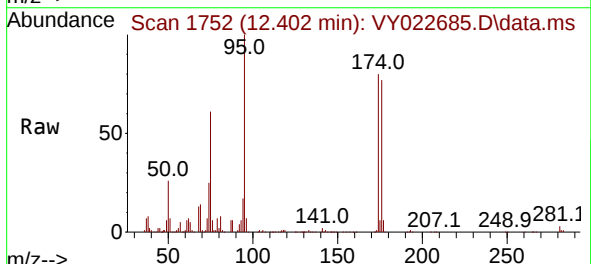
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

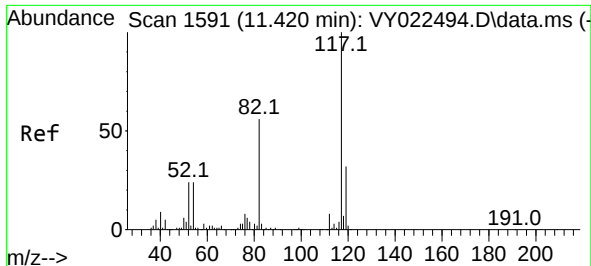
Tgt Ion:107 Resp: 23720
Ion Ratio Lower Upper
107 100
109 93.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.086 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 95 Resp: 87738
Ion Ratio Lower Upper
95 100
174 86.0 0.0 170.0
176 83.0 0.0 166.2

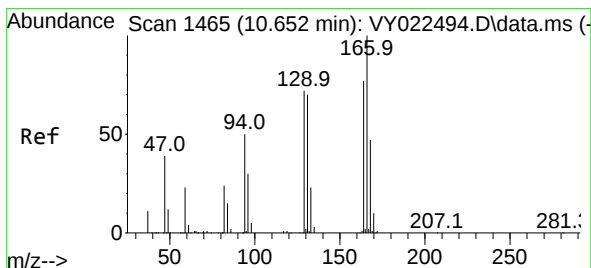
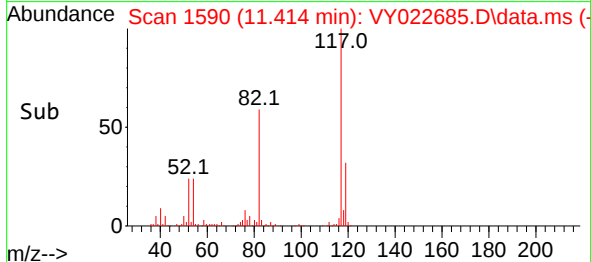
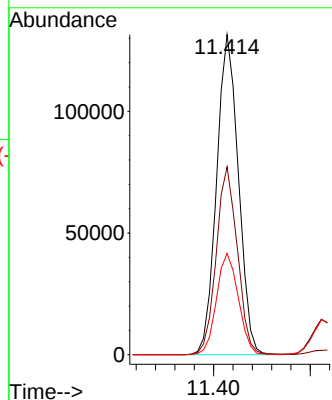
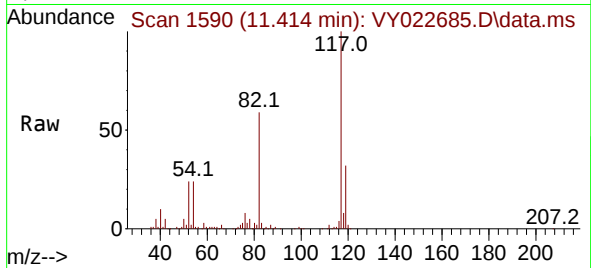




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

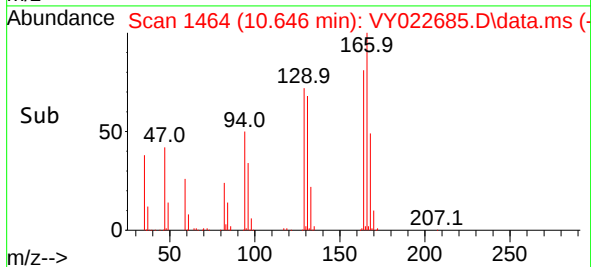
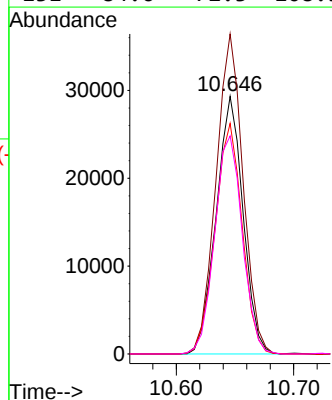
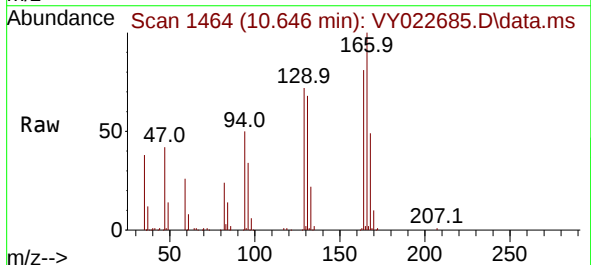
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

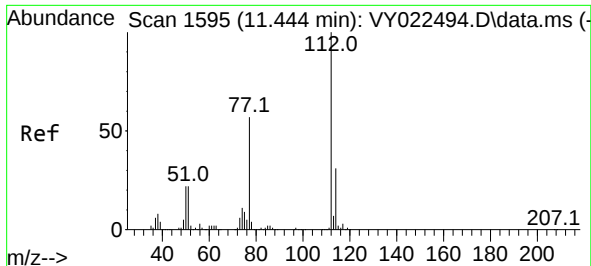
Tgt Ion:117 Resp: 205901
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 26.395 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:164 Resp: 46751
Ion Ratio Lower Upper
164 100
166 124.2 104.0 156.0
129 89.5 74.5 111.7
131 84.6 72.3 108.5

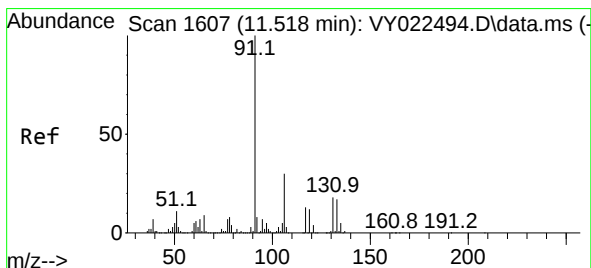
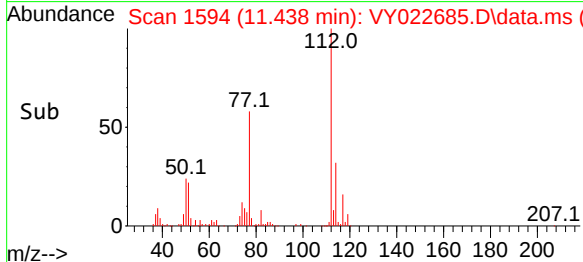
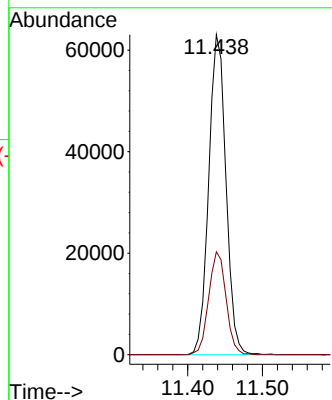
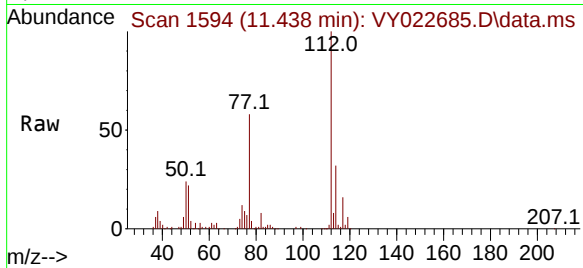




#65
Chlorobenzene
Concen: 22.154 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

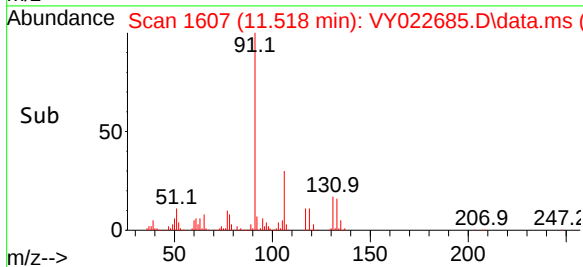
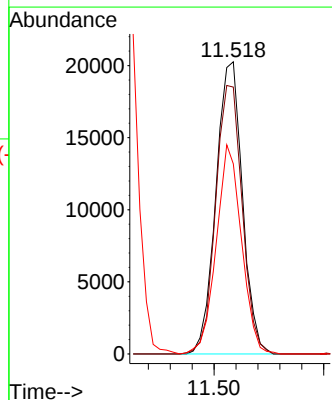
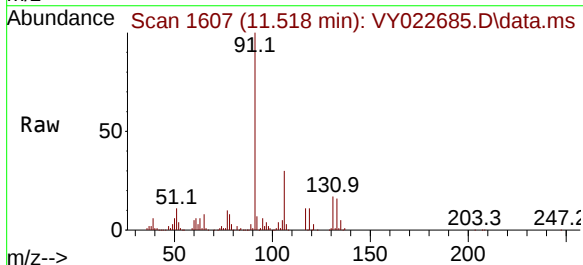
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

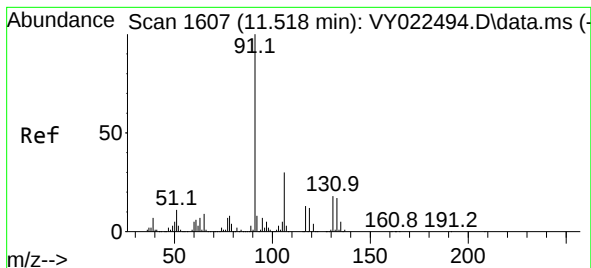
Tgt Ion:112 Resp: 100940
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.165 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:131 Resp: 34021
Ion Ratio Lower Upper
131 100
133 92.0 47.3 141.8
119 68.2 33.1 99.3





#67

Ethyl Benzene

Concen: 21.214 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

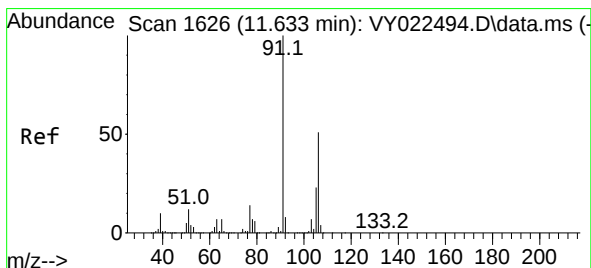
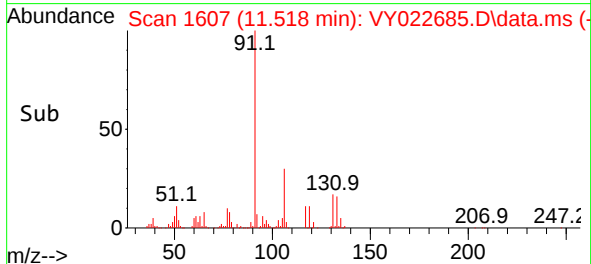
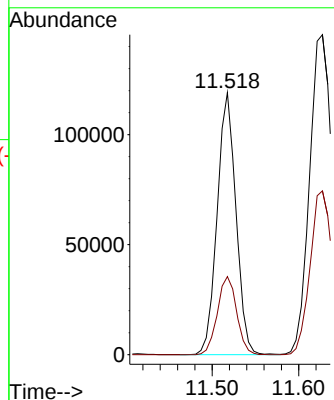
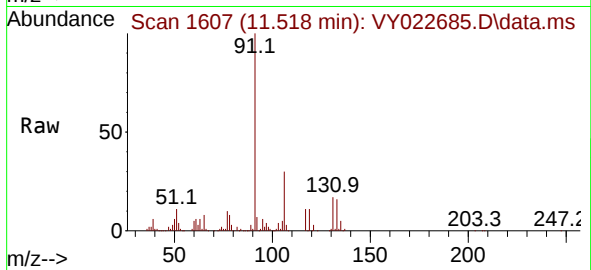
VY0613SBS01

Tgt Ion: 91 Resp: 179277

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



#68

m/p-Xylenes

Concen: 41.889 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022685.D

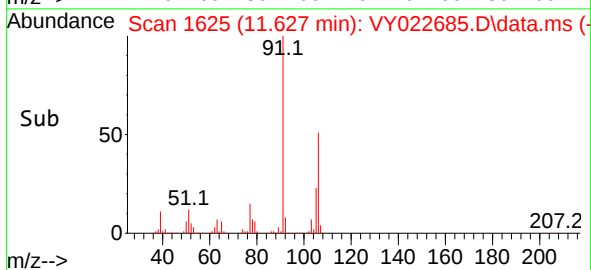
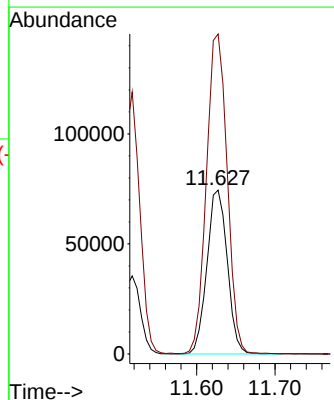
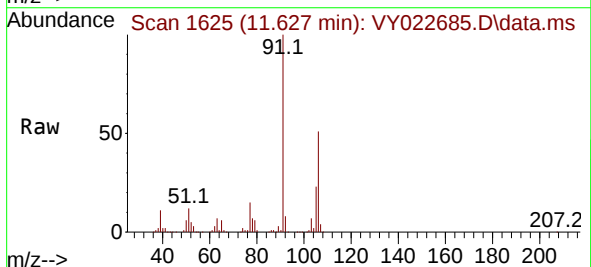
Acq: 13 Jun 2025 10:05

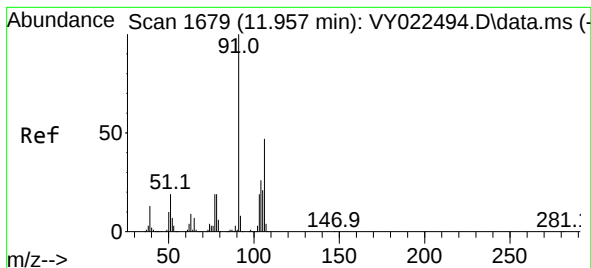
Tgt Ion:106 Resp: 134198

Ion Ratio Lower Upper

106 100

91 199.5 159.4 239.0

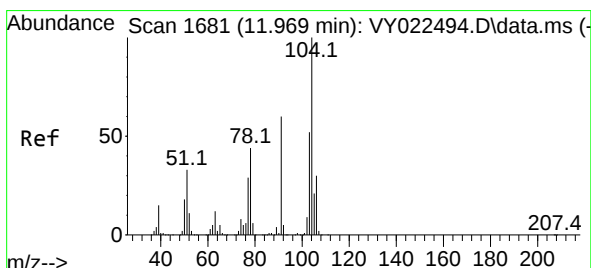
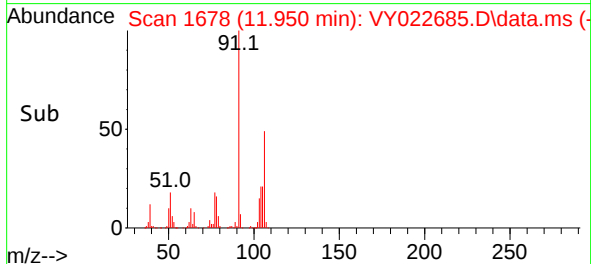
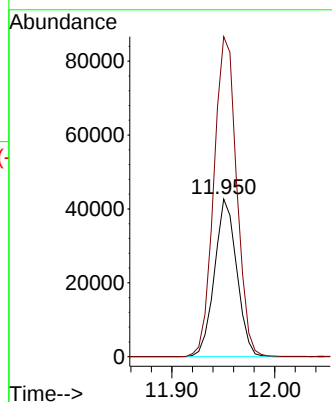
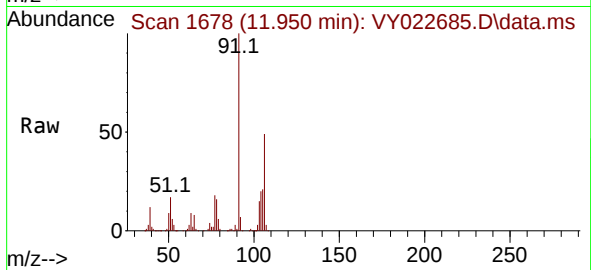




#69
o-Xylene
Concen: 21.355 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

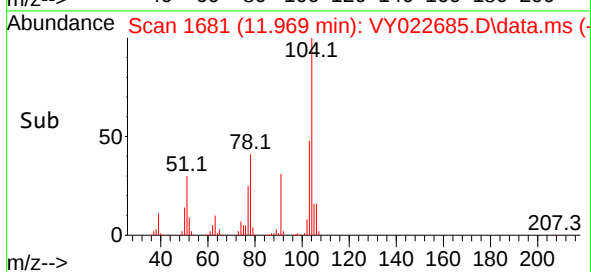
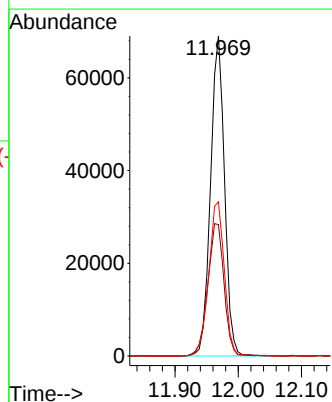
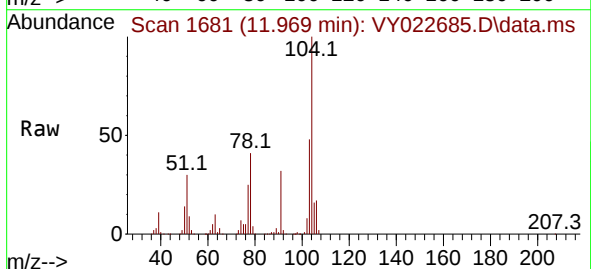
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

Tgt Ion:106 Resp: 64142
Ion Ratio Lower Upper
106 100
91 208.4 105.8 317.3



#70
Styrene
Concen: 21.434 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:104 Resp: 106420
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 54.0 44.1 66.1





#71

Bromoform

Concen: 20.842 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

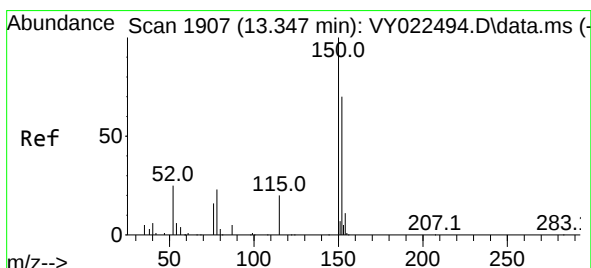
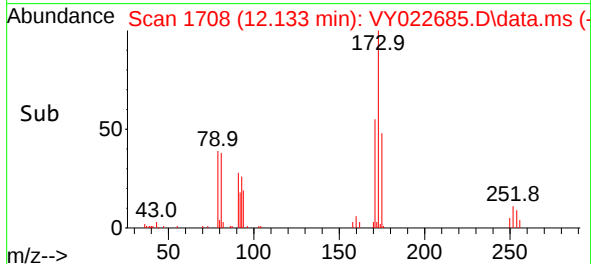
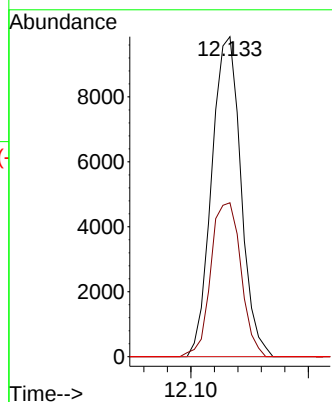
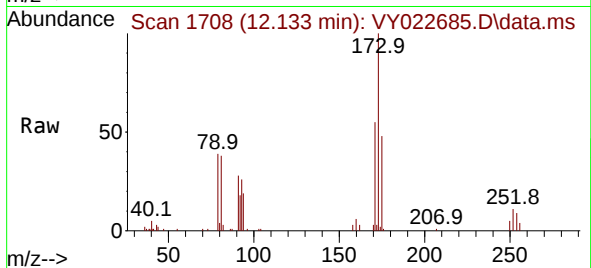
Tgt Ion:173 Resp: 17024

Ion Ratio Lower Upper

173 100

175 49.5 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

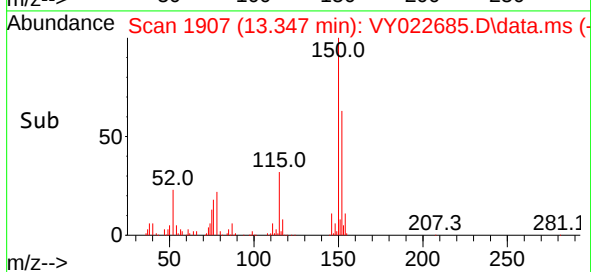
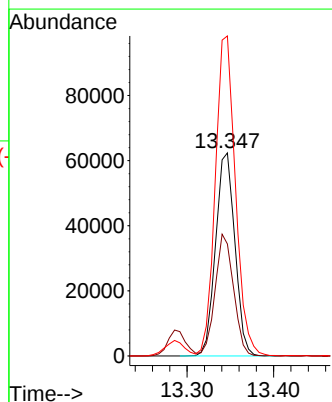
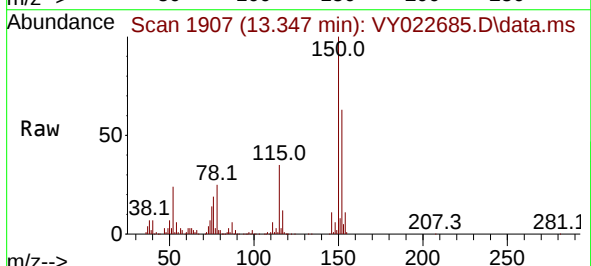
Tgt Ion:152 Resp: 96494

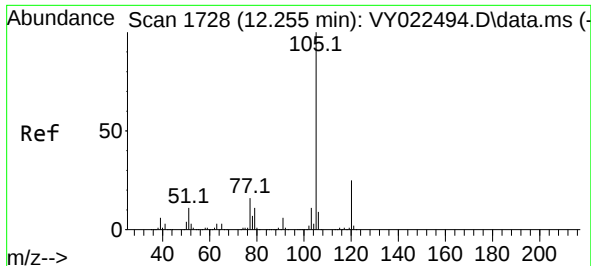
Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 164.7 0.0 349.6

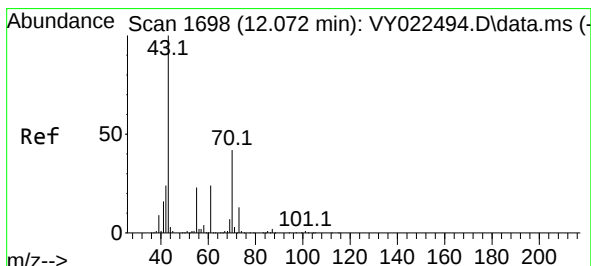
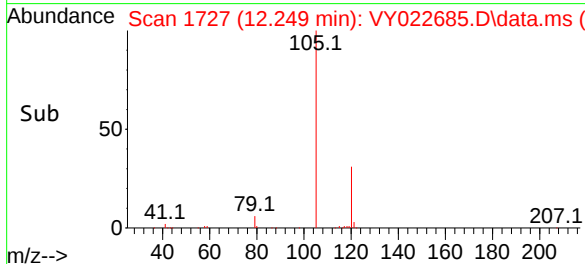
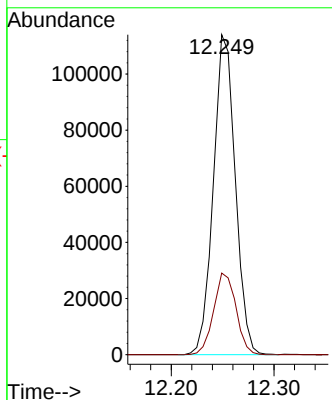
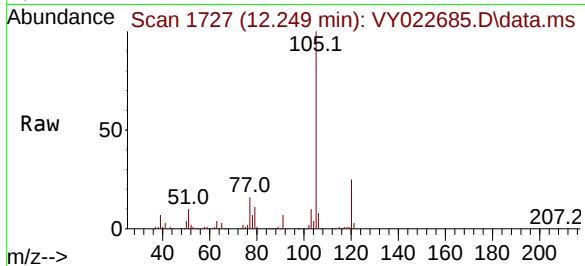




#73
Isopropylbenzene
Concen: 21.293 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

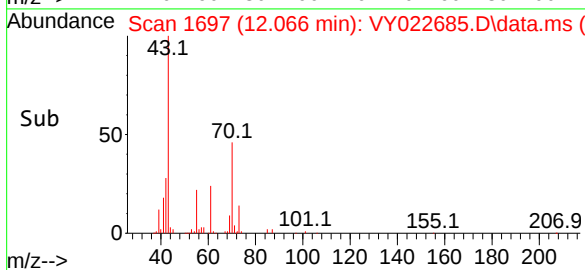
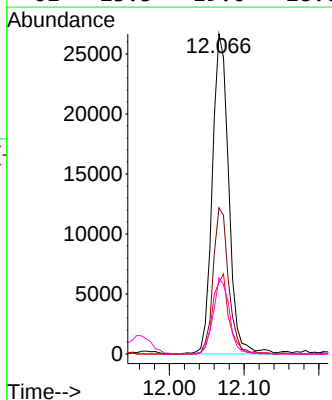
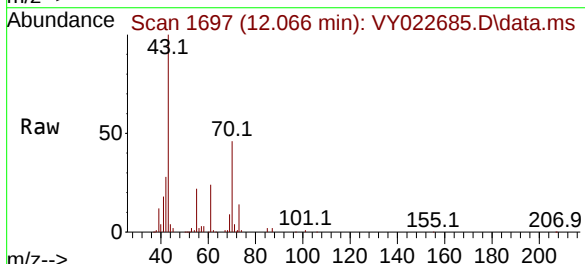
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

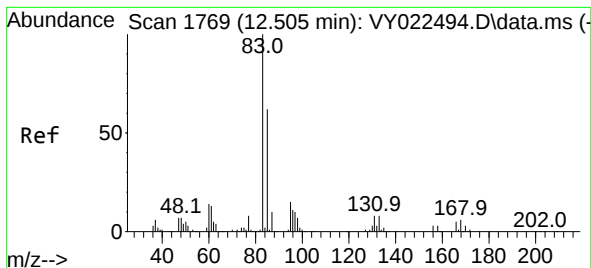
Tgt Ion:105 Resp: 168689
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 20.329 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 43 Resp: 40635
Ion Ratio Lower Upper
43 100
70 43.1 34.2 51.2
55 24.3 18.2 27.4
61 23.3 19.0 28.6

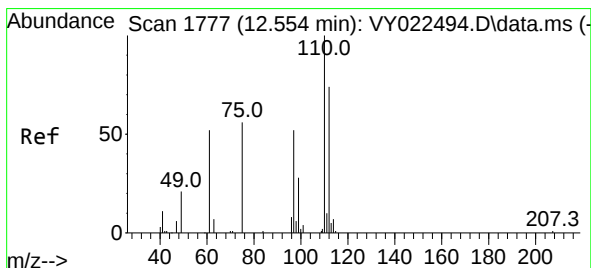
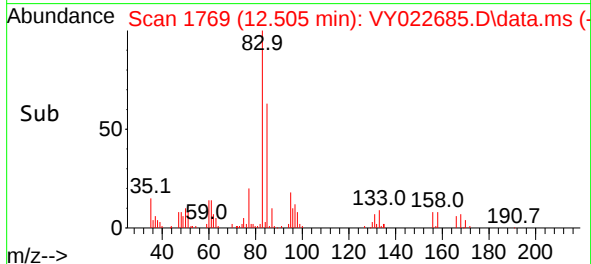
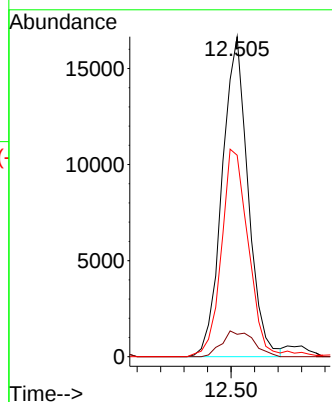
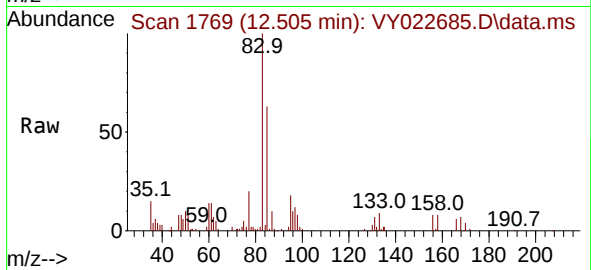




#75
 1,1,2-Tetrachloroethane
 Concen: 19.640 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

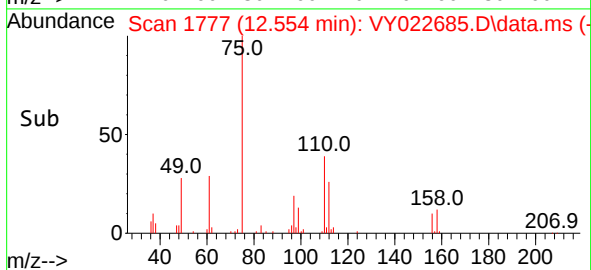
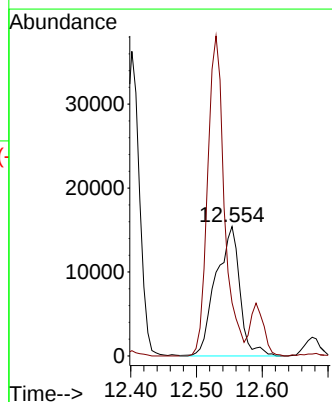
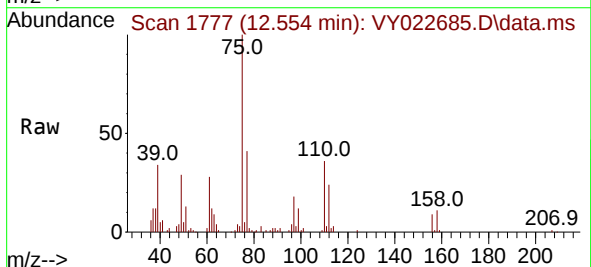
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

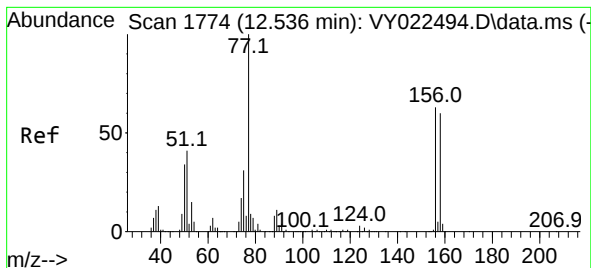
Tgt Ion: 83 Resp: 25536
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 66.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 35.520 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

Tgt Ion: 75 Resp: 39211
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.480 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

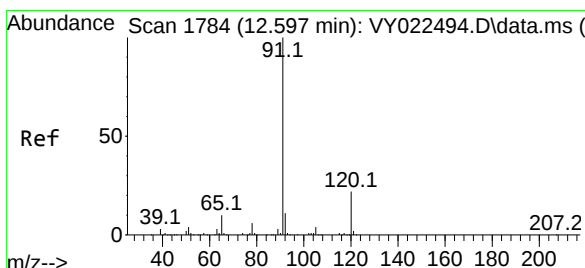
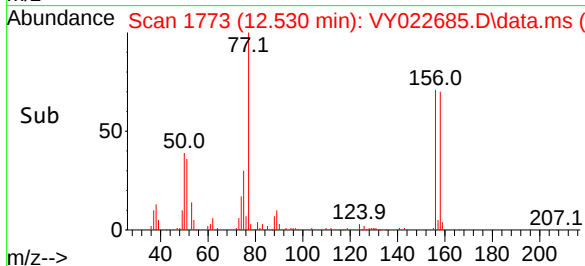
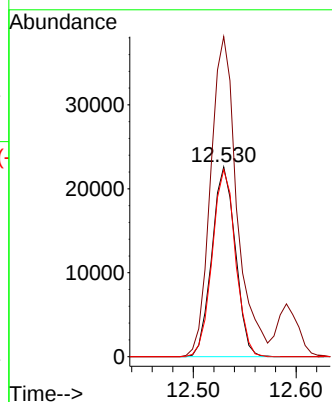
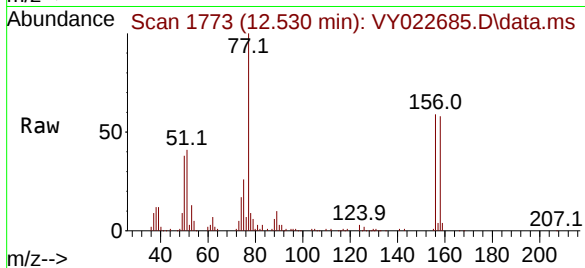
Tgt Ion:156 Resp: 35909

Ion Ratio Lower Upper

156 100

77 189.5 94.0 282.1

158 97.8 48.2 144.6



#78

n-propylbenzene

Concen: 21.025 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022685.D

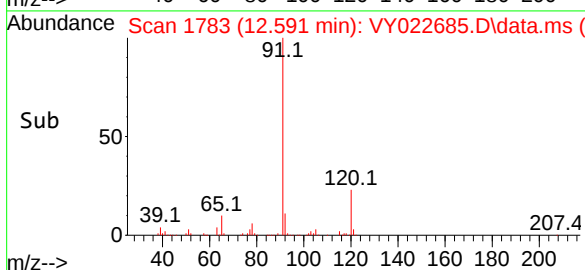
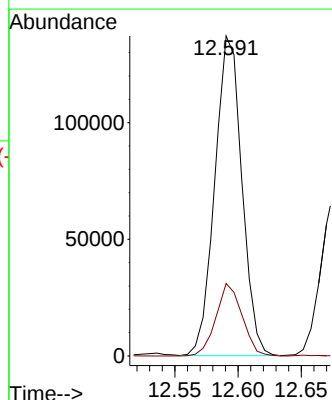
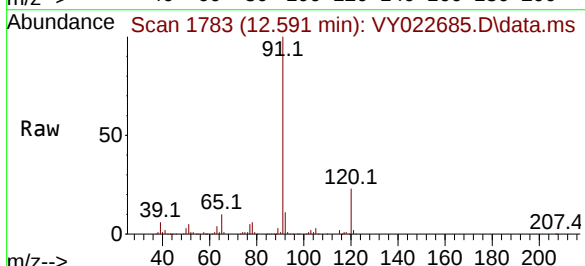
Acq: 13 Jun 2025 10:05

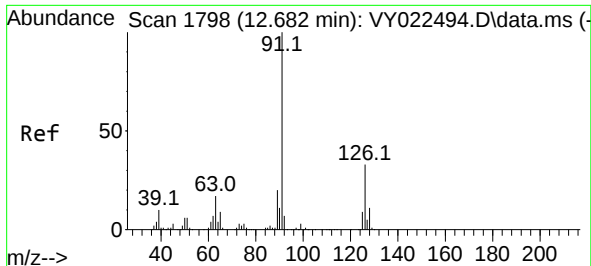
Tgt Ion: 91 Resp: 203435

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4

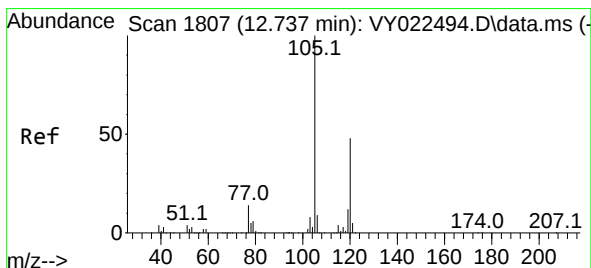
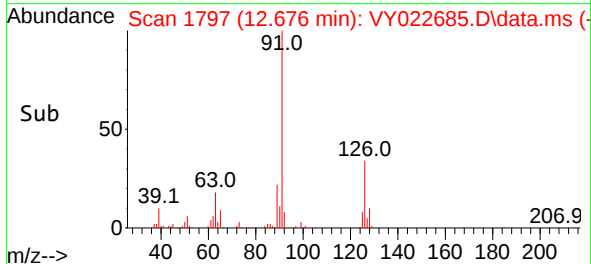
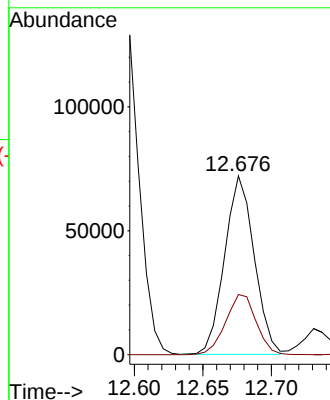
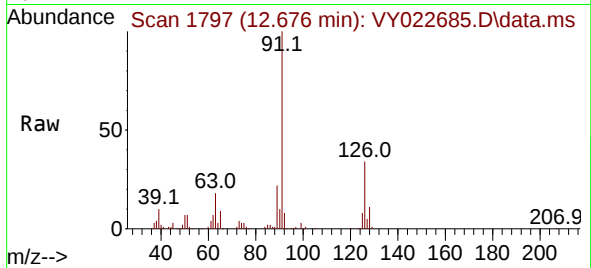




#79
2-Chlorotoluene
Concen: 21.143 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

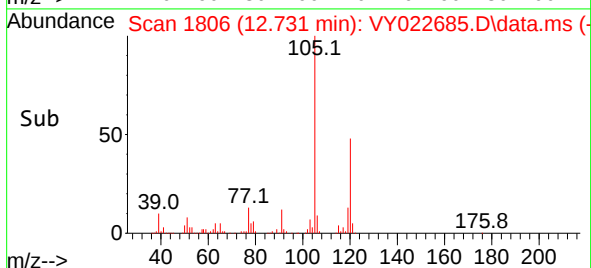
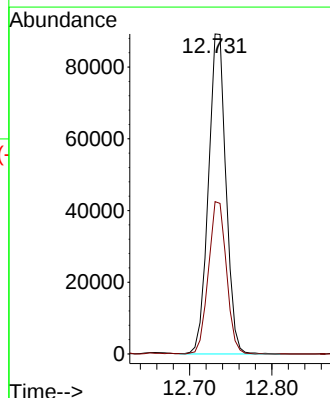
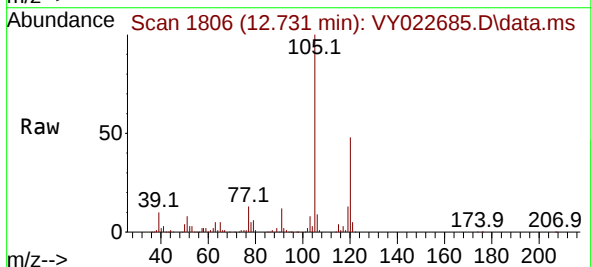
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

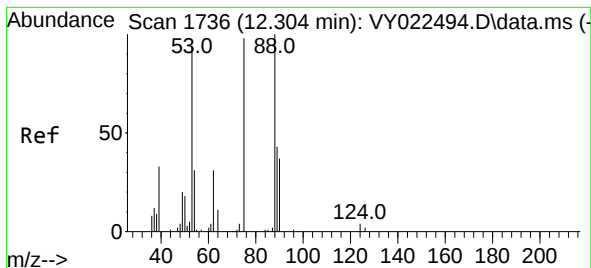
Tgt Ion: 91 Resp: 108427
Ion Ratio Lower Upper
91 100
126 34.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.257 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:105 Resp: 132209
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.4

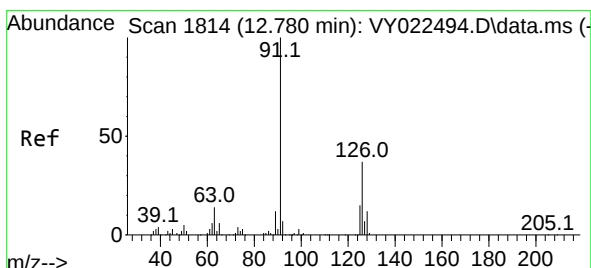
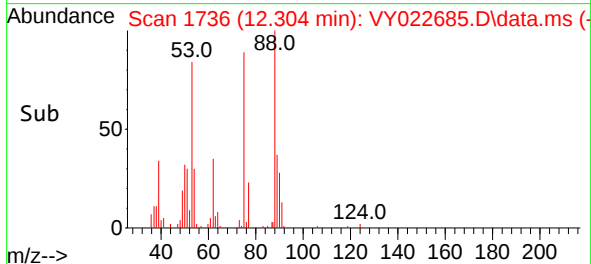
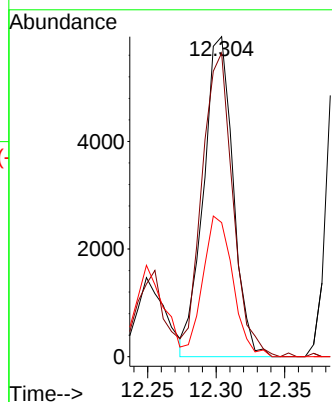
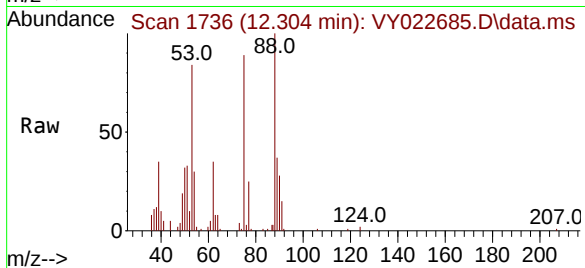




#81
trans-1,4-Dichloro-2-butene
Concen: 19.550 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

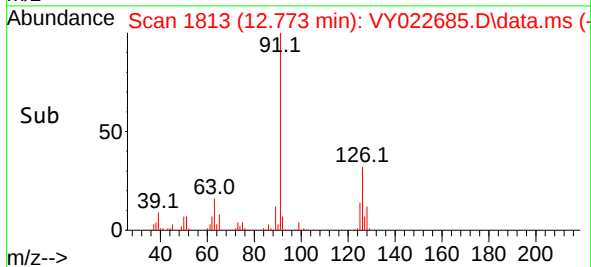
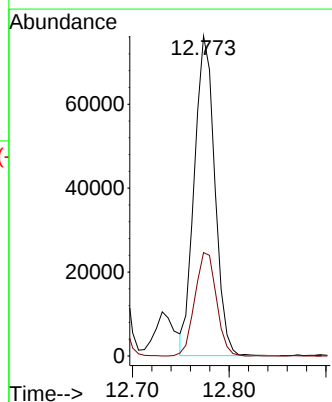
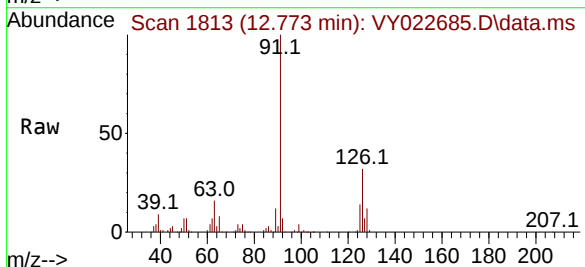
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

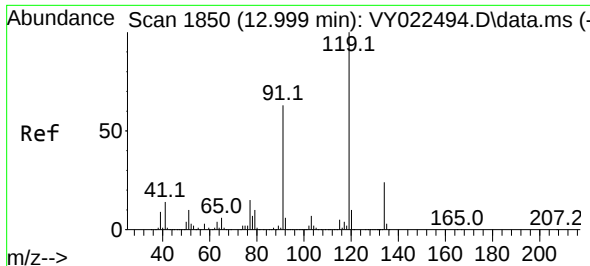
Tgt Ion: 75 Resp: 8937
Ion Ratio Lower Upper
75 100
53 98.5 78.5 117.7
89 44.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.111 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion: 91 Resp: 111685
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

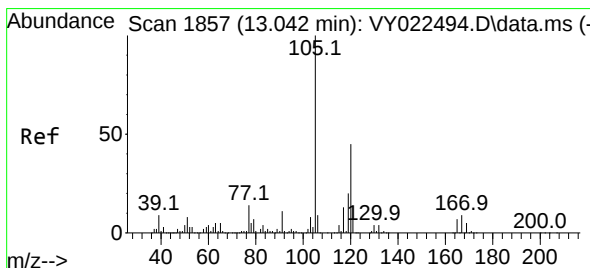
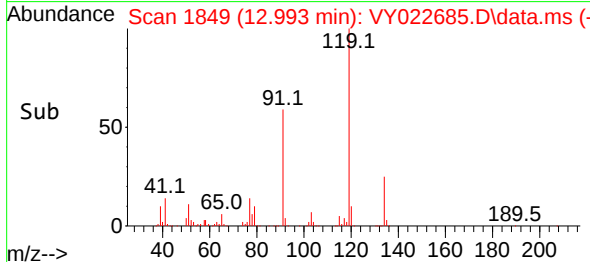
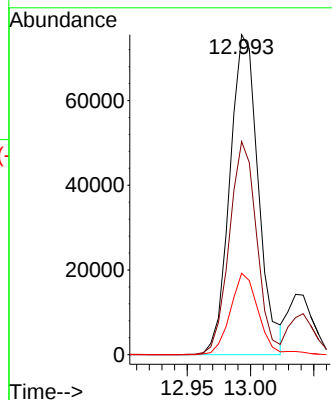
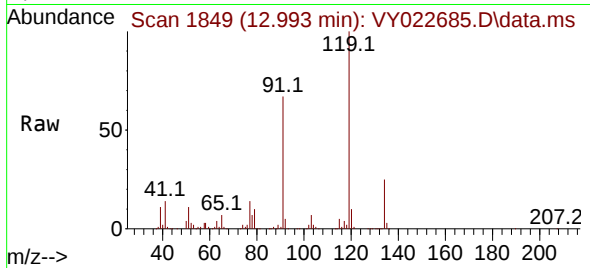




#83
tert-Butylbenzene
Concen: 21.242 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

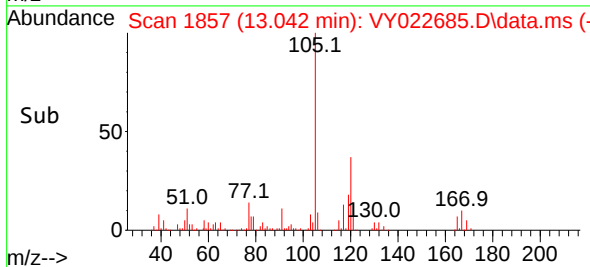
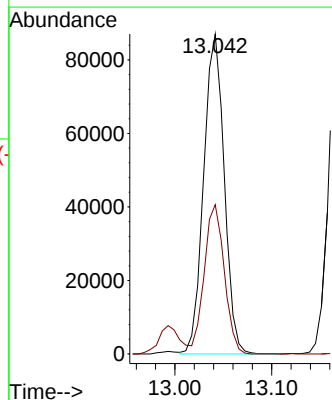
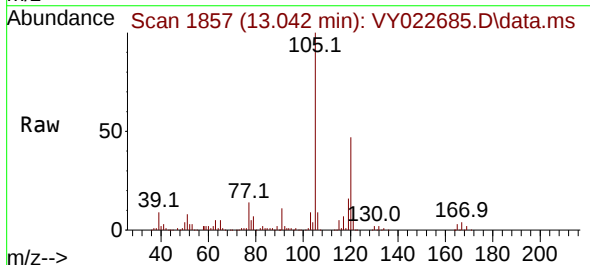
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

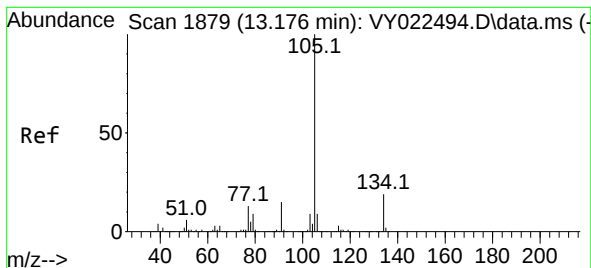
Tgt Ion:119 Resp: 118578
Ion Ratio Lower Upper
119 100
91 64.3 32.1 96.3
134 25.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.692 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:105 Resp: 128718
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.187 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

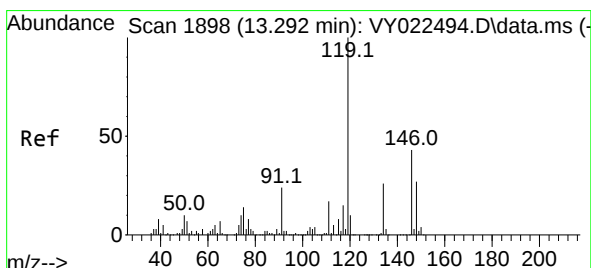
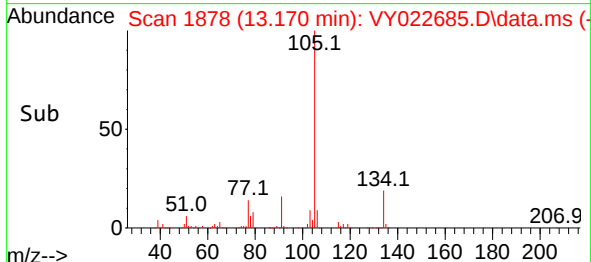
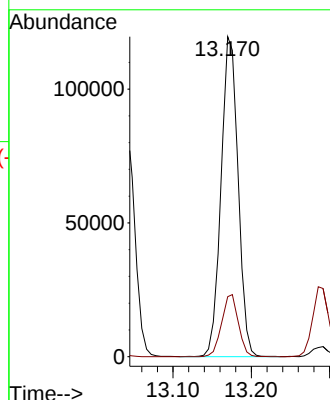
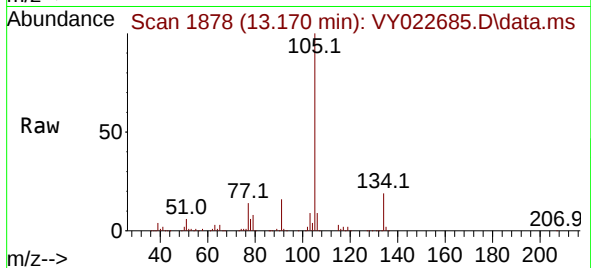
VY0613SBSD01

Tgt Ion:105 Resp: 181134

Ion Ratio Lower Upper

105 100

134 19.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.675 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

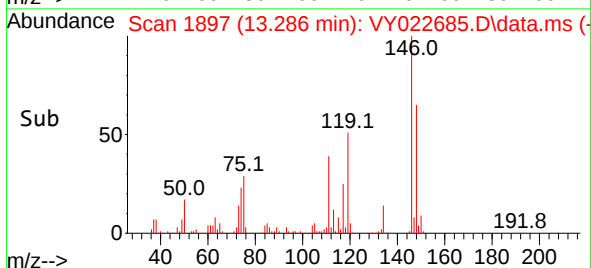
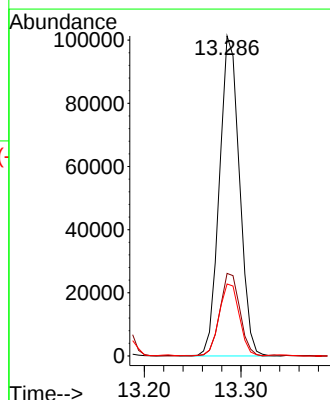
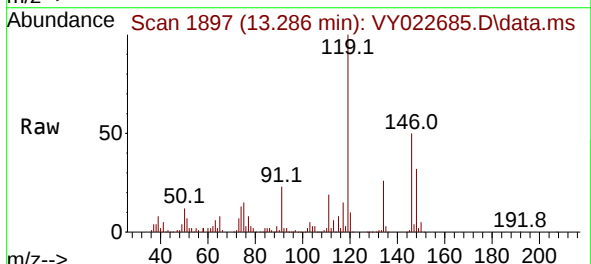
Tgt Ion:119 Resp: 145697

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 22.6 11.6 34.8

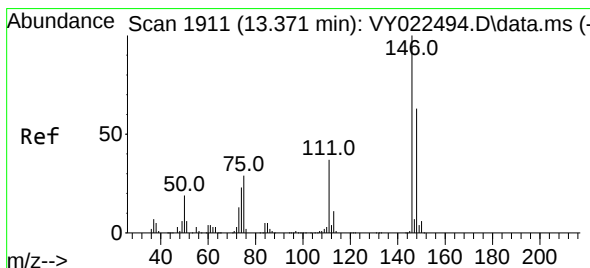
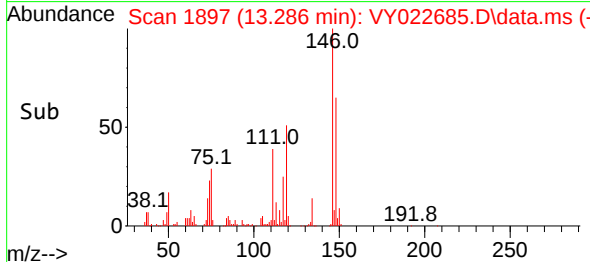
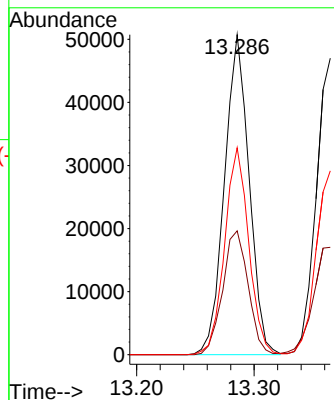
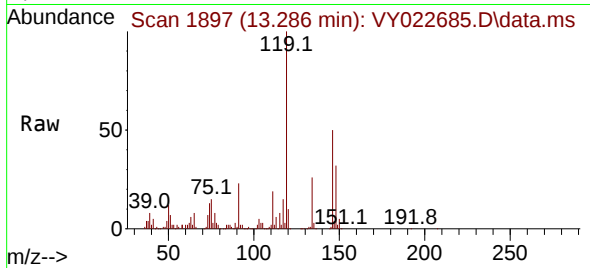




#87
 1,3-Dichlorobenzene
 Concen: 21.811 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

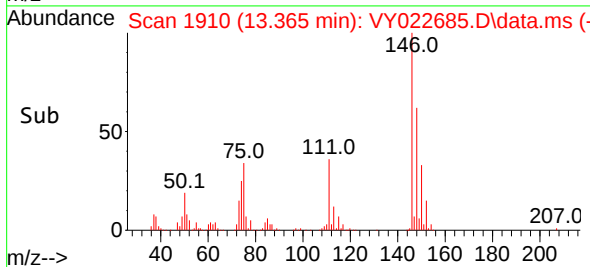
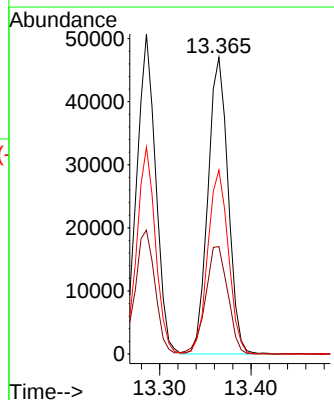
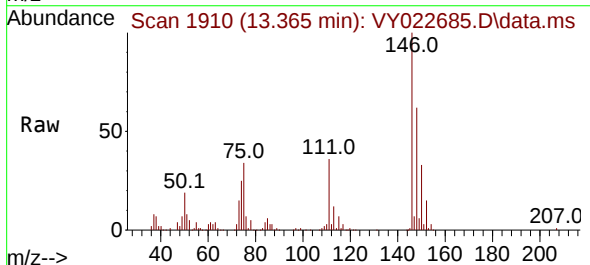
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

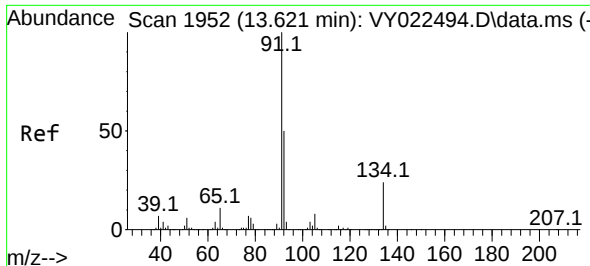
Tgt Ion:146 Resp: 73876
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.921 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022685.D
 Acq: 13 Jun 2025 10:05

Tgt Ion:146 Resp: 72016
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.2
 148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 21.370 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

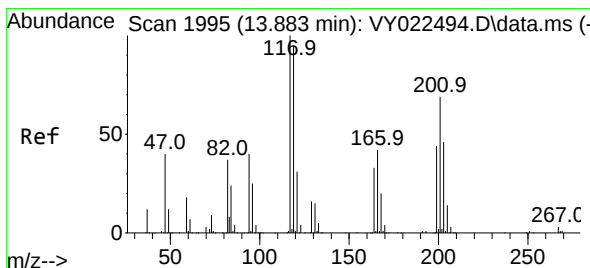
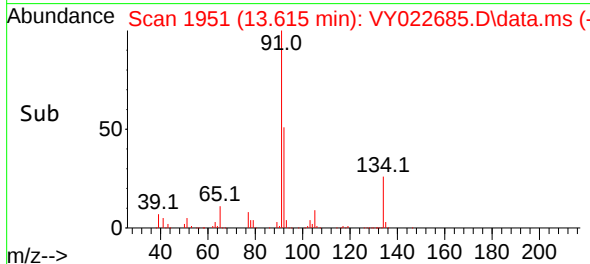
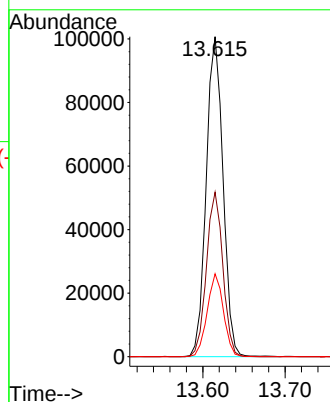
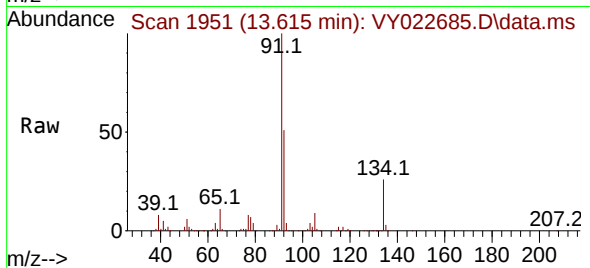
Tgt Ion: 91 Resp: 142878

Ion Ratio Lower Upper

91 100

92 50.3 25.9 77.8

134 25.1 12.0 36.1



#90

Hexachloroethane

Concen: 21.737 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022685.D

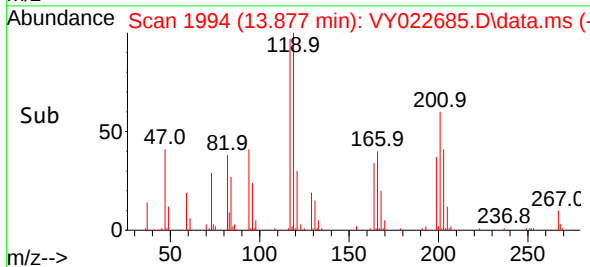
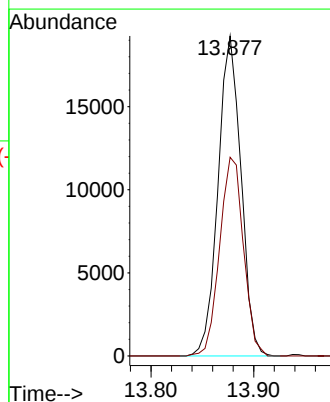
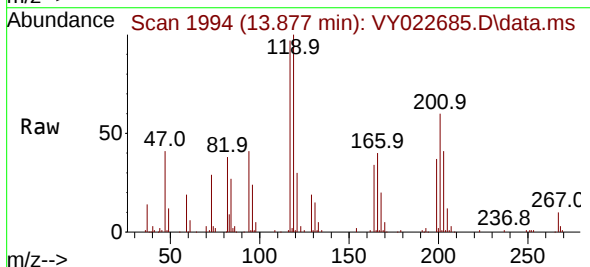
Acq: 13 Jun 2025 10:05

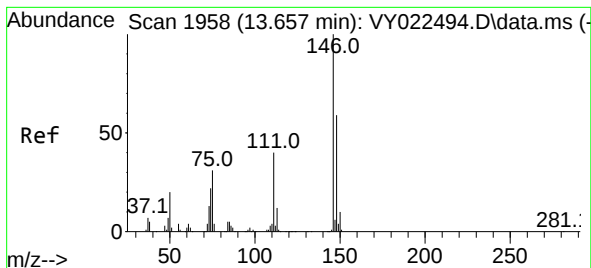
Tgt Ion: 117 Resp: 29822

Ion Ratio Lower Upper

117 100

201 64.4 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 22.230 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

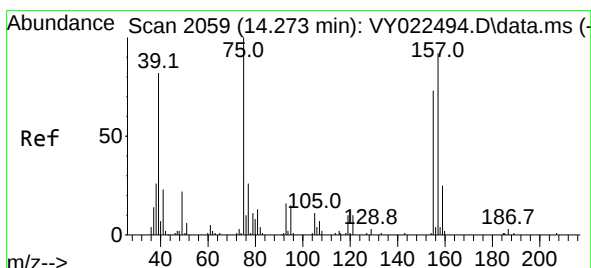
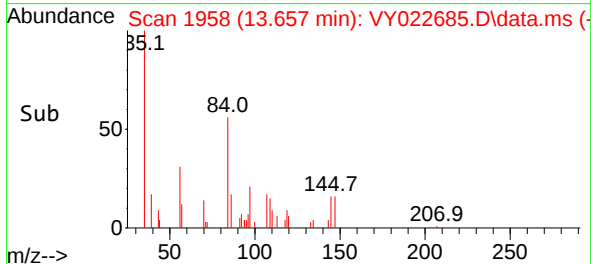
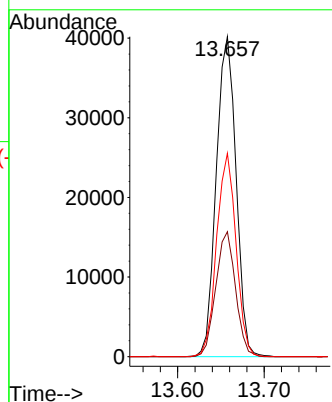
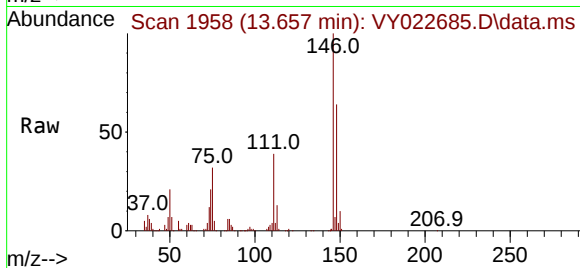
Tgt Ion:146 Resp: 63928

Ion Ratio Lower Upper

146 100

111 39.1 20.2 60.6

148 62.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.417 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

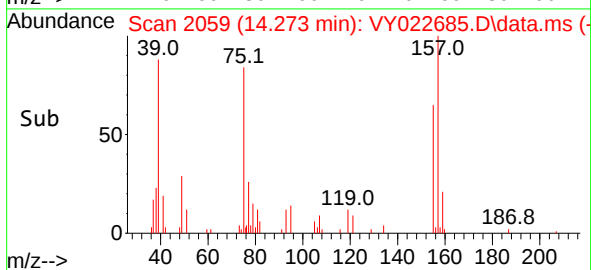
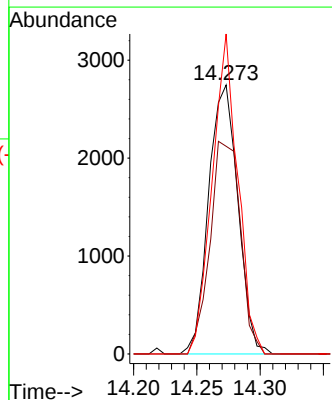
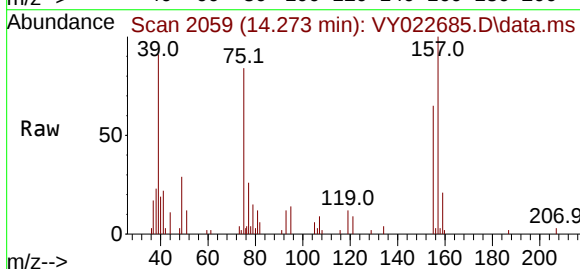
Tgt Ion: 75 Resp: 4433

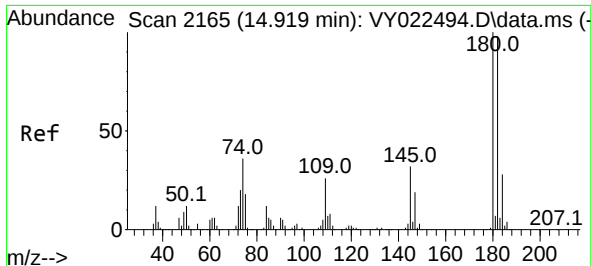
Ion Ratio Lower Upper

75 100

155 81.8 39.9 119.6

157 103.6 54.0 162.0

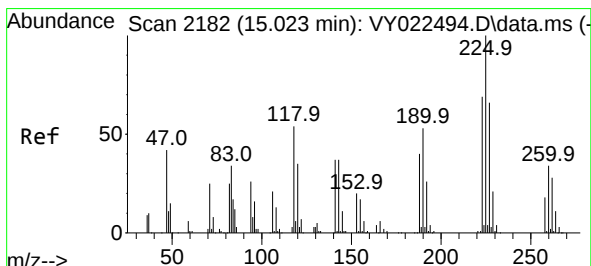
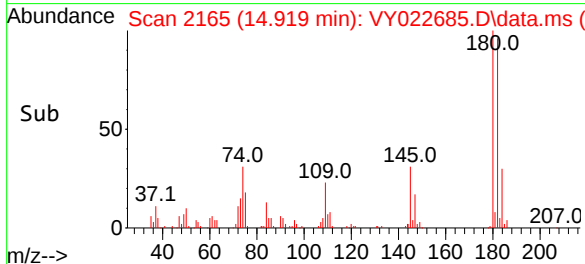
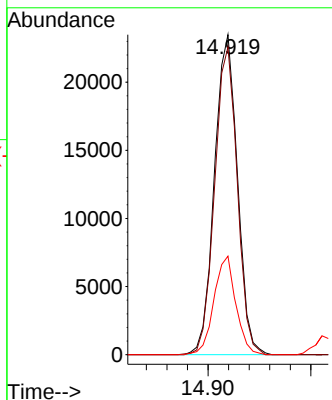
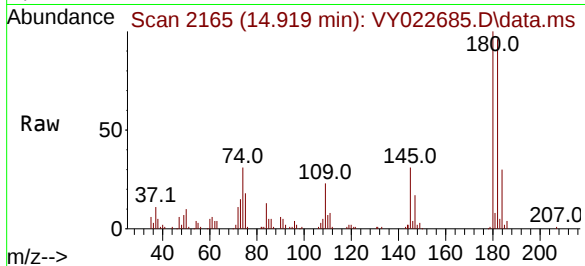




#93
1,2,4-Trichlorobenzene
Concen: 23.202 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

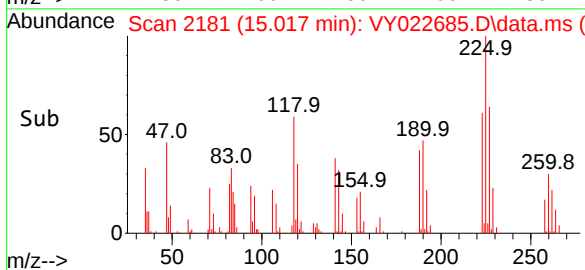
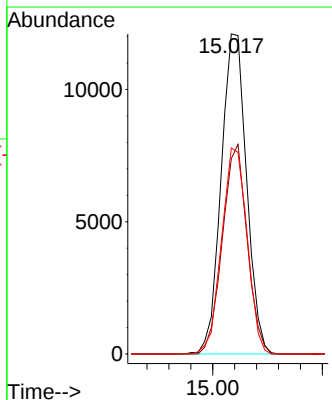
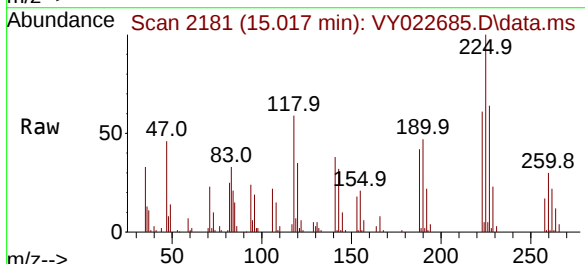
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

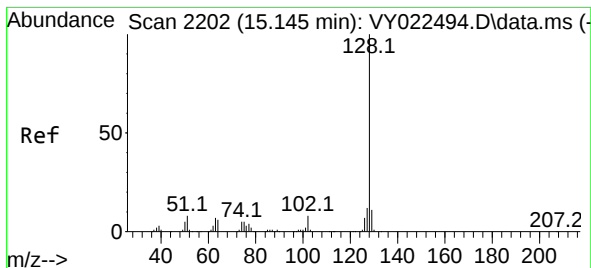
Tgt Ion:180 Resp: 36391
Ion Ratio Lower Upper
180 100
182 94.4 48.4 145.3
145 29.4 15.5 46.5



#94
Hexachlorobutadiene
Concen: 22.489 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022685.D
Acq: 13 Jun 2025 10:05

Tgt Ion:225 Resp: 19468
Ion Ratio Lower Upper
225 100
223 63.6 32.5 97.4
227 64.5 32.3 96.9





#95

Naphthalene

Concen: 22.346 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

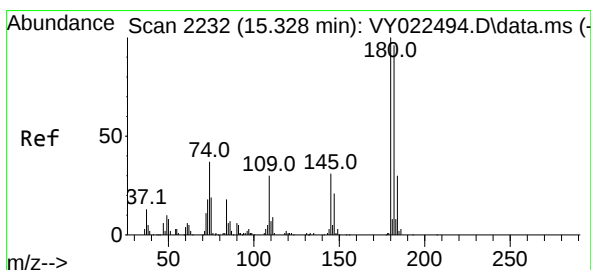
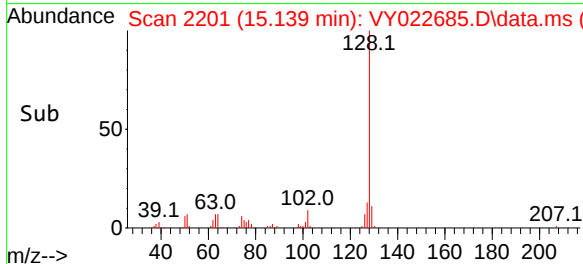
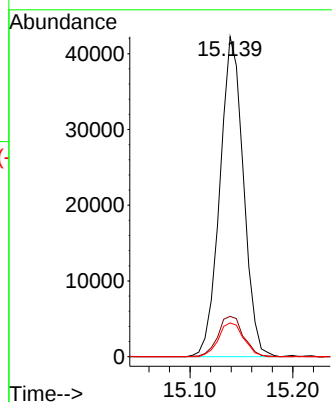
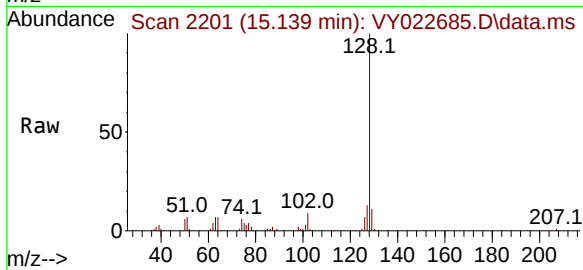
Tgt Ion:128 Resp: 67258

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 22.352 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022685.D

Acq: 13 Jun 2025 10:05

Tgt Ion:180 Resp: 30045

Ion Ratio Lower Upper

180 100

182 97.9 47.1 141.3

145 32.4 15.2 45.6

