

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022669.D
 Acq On : 12 Jun 2025 13:08
 Operator : SY/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 05:39:31 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	7.701	168	161705	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	274346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	231810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	107745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	85775	47.427	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.628	113	82160	50.174	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.103	98	324380	49.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.402	95	91868	46.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	29101	20.101	ug/l	98
3) Chloromethane	2.062	50	80387	18.795	ug/l	99
4) Vinyl Chloride	2.196	62	123062	24.803	ug/l	100
5) Bromomethane	2.580	94	109497	23.025	ug/l	98
6) Chloroethane	2.720	64	88870	26.095	ug/l	99
7) Trichlorofluoromethane	3.037	101	120971	28.720	ug/l	95
8) Diethyl Ether	3.446	74	19039	20.071	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	35746	20.150	ug/l	98
10) Methyl Iodide	3.995	142	34028	17.725	ug/l	99
11) Tert butyl alcohol	4.866	59	13732	106.305	ug/l #	94
12) 1,1-Dichloroethene	3.781	96	35347	20.845	ug/l	95
13) Acrolein	3.647	56	11904	73.945	ug/l	97
14) Allyl chloride	4.373	41	49023	18.415	ug/l	98
15) Acrylonitrile	5.061	53	40447	100.680	ug/l	99
16) Acetone	3.867	43	39644	107.935	ug/l	97
17) Carbon Disulfide	4.098	76	101674	18.728	ug/l	100
18) Methyl Acetate	4.379	43	20436	18.789	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	93883	19.656	ug/l	98
20) Methylene Chloride	4.610	84	44056	21.116	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	38733	20.409	ug/l	93
22) Diisopropyl ether	6.013	45	116894	19.727	ug/l	99
23) Vinyl Acetate	5.952	43	336775	96.024	ug/l	98
24) 1,1-Dichloroethane	5.909	63	72215	20.687	ug/l	99
25) 2-Butanone	6.890	43	54000	101.924	ug/l	93
26) 2,2-Dichloropropane	6.878	77	60412	19.587	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	45357	20.677	ug/l	99
28) Bromochloromethane	7.238	49	30426	19.995	ug/l	99
29) Tetrahydrofuran	7.262	42	34375	100.598	ug/l	97
30) Chloroform	7.415	83	72029	20.832	ug/l	96
31) Cyclohexane	7.695	56	64075	18.437	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	63892	20.816	ug/l	99
36) 1,1-Dichloropropene	7.829	75	53208	20.020	ug/l	99
37) Ethyl Acetate	6.982	43	24139	20.367	ug/l	98
38) Carbon Tetrachloride	7.811	117	53907	19.772	ug/l	98
39) Methylcyclohexane	9.103	83	66361	18.580	ug/l	96
40) Benzene	8.073	78	159117	20.270	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	31270	45.169	ug/l #	36
42) 1,2-Dichloroethane	8.152	62	43565	20.326	ug/l	100
43) Isopropyl Acetate	8.195	43	50229	19.623	ug/l	98
44) Trichloroethene	8.860	130	40733	21.232	ug/l	99
45) 1,2-Dichloropropane	9.134	63	37092	19.994	ug/l	99
46) Dibromomethane	9.231	93	20896	20.021	ug/l	96
47) Bromodichloromethane	9.420	83	53876	20.358	ug/l	99
48) Methyl methacrylate	9.219	41	21556	17.943	ug/l	92
49) 1,4-Dioxane	9.225	88	4974	402.278	ug/l	95
51) 4-Methyl-2-Pentanone	9.994	43	125186	98.094	ug/l	96
52) Toluene	10.170	92	97942	19.854	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	49292	19.879	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	58245	20.179	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	27897	20.962	ug/l	94
56) Ethyl methacrylate	10.432	69	37627	19.562	ug/l	98
57) 1,3-Dichloropropane	10.713	76	47758	20.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	89506	102.491	ug/l	100
59) 2-Hexanone	10.756	43	84357	98.836	ug/l	97
60) Dibromochloromethane	10.908	129	34798	20.575	ug/l	98
61) 1,2-Dibromoethane	11.012	107	25150	20.734	ug/l	96
64) Tetrachloroethene	10.646	164	47325	23.733	ug/l	99
65) Chlorobenzene	11.438	112	106915	20.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	34700	20.080	ug/l	97
67) Ethyl Benzene	11.518	91	188804	19.844	ug/l	99
68) m/p-Xylenes	11.627	106	141719	39.292	ug/l	100
69) o-Xylene	11.950	106	67869	20.070	ug/l	97
70) Styrene	11.963	104	110329	19.738	ug/l	98
71) Bromoform	12.127	173	18181	19.771	ug/l #	95
73) Isopropylbenzene	12.249	105	175482	19.838	ug/l	100
74) N-amyl acetate	12.066	43	43285	19.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	27219	18.748	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	40611	32.946	ug/l #	100
77) Bromobenzene	12.530	156	38602	20.679	ug/l	97
78) n-propylbenzene	12.591	91	216849	20.071	ug/l	99
79) 2-Chlorotoluene	12.676	91	113432	19.809	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	138986	20.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	9785	19.170	ug/l	93
82) 4-Chlorotoluene	12.774	91	113279	19.176	ug/l	96
83) tert-Butylbenzene	12.993	119	125334	20.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	138715	19.971	ug/l	100
85) sec-Butylbenzene	13.170	105	191245	20.034	ug/l	100
86) p-Isopropyltoluene	13.286	119	155107	19.712	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	77461	20.481	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	75964	20.708	ug/l	99
89) n-Butylbenzene	13.615	91	150484	20.157	ug/l	99
90) Hexachloroethane	13.877	117	30842	20.133	ug/l	100
91) 1,2-Dichlorobenzene	13.658	146	67039	20.877	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4550	21.525	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	39224	22.397	ug/l	96
94) Hexachlorobutadiene	15.017	225	20993	21.718	ug/l	98
95) Naphthalene	15.139	128	72744	21.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	33677	22.438	ug/l	97

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QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

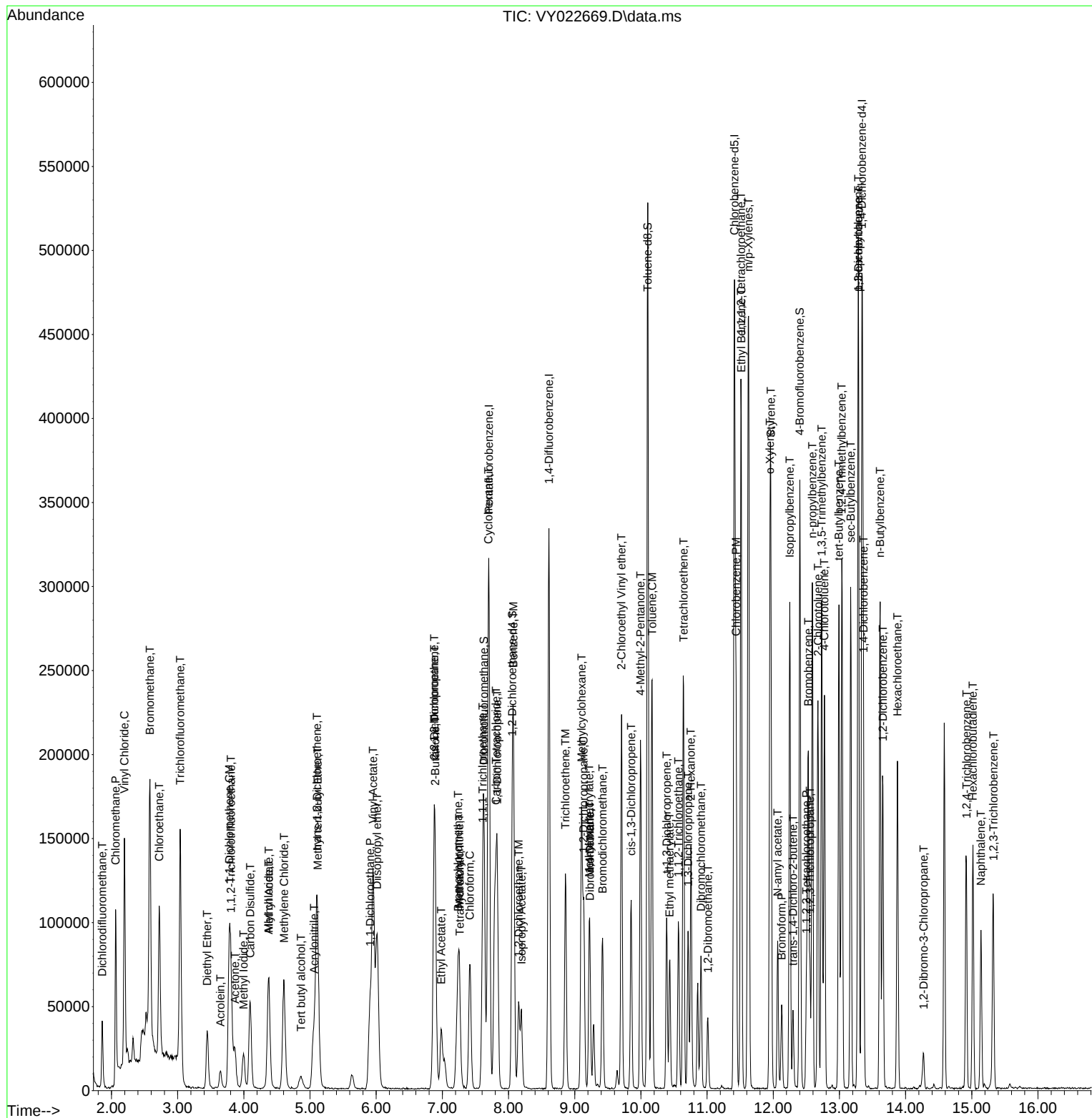
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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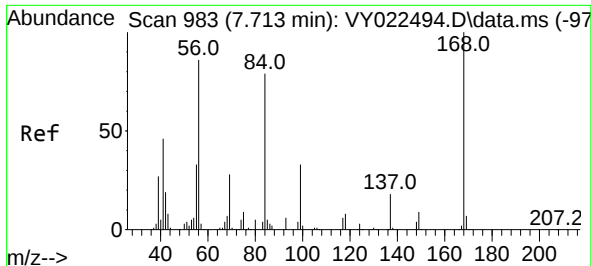
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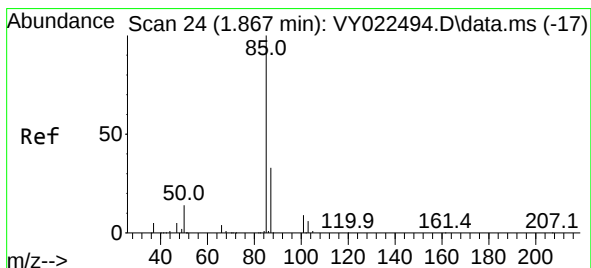
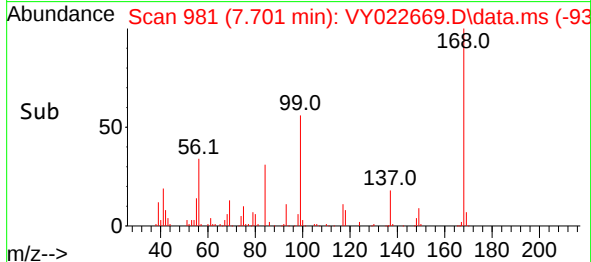
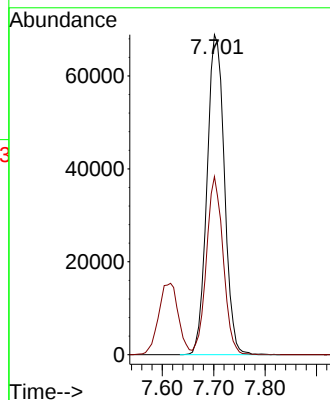
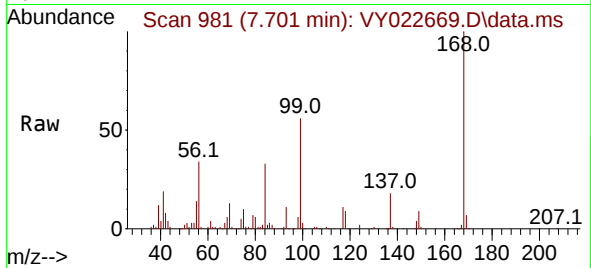




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022669.D
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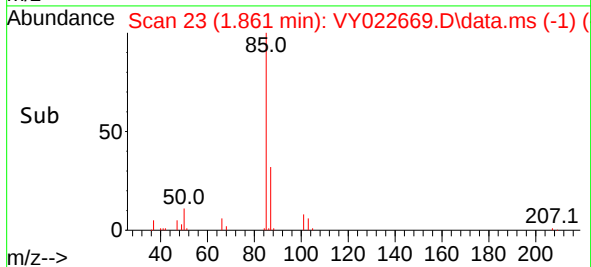
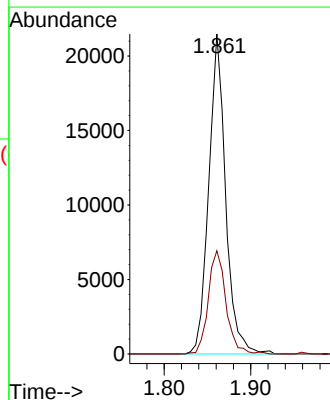
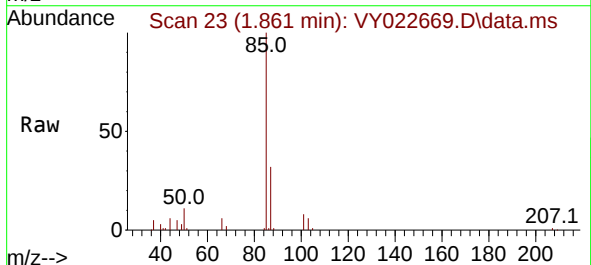
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

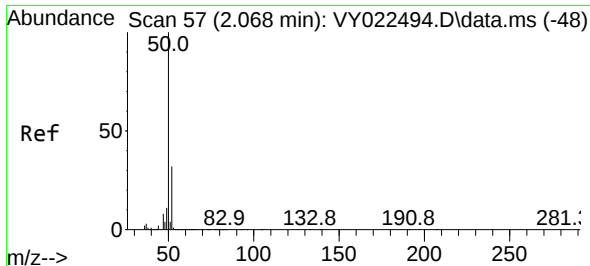
Tgt Ion:168 Resp: 161705
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 20.101 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 85 Resp: 29101
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0

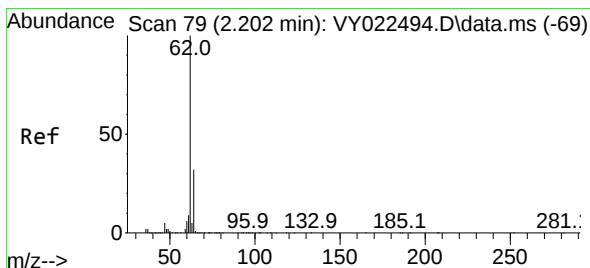
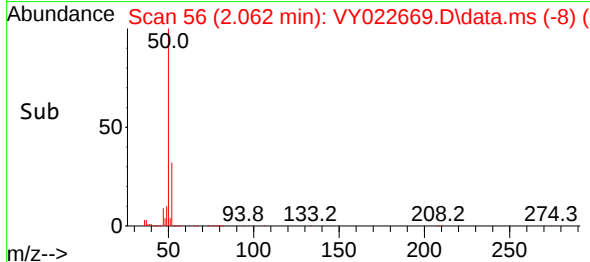
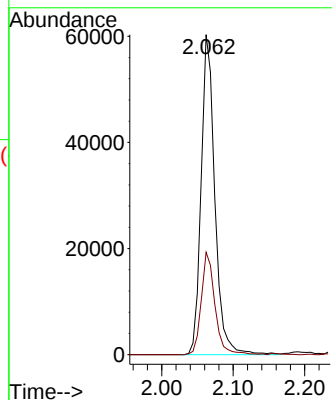
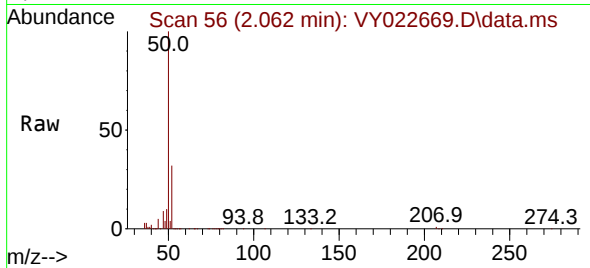




#3
Chloromethane
Concen: 18.795 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

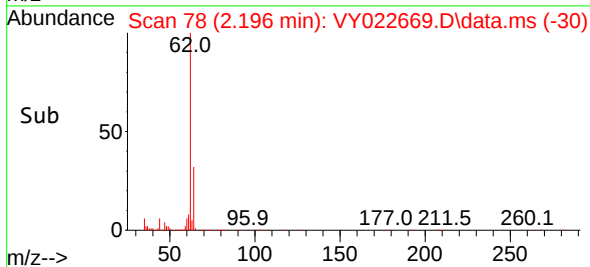
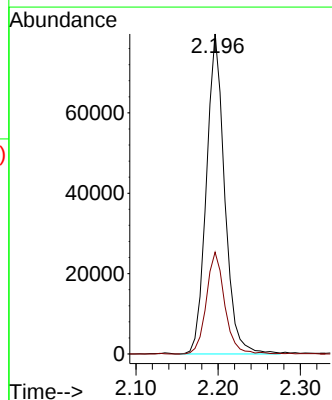
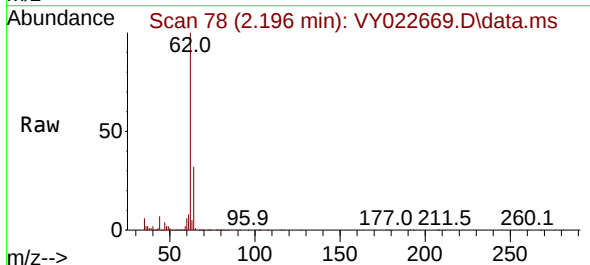
Instrument :
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ClientSampleId :
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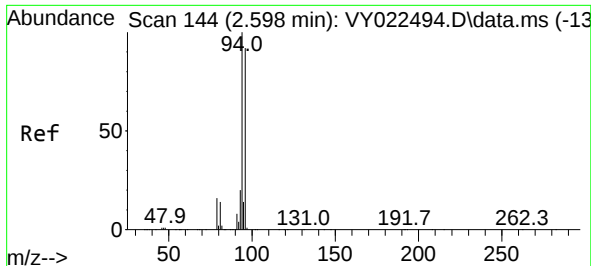
Tgt Ion: 50 Resp: 80387
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 24.803 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 62 Resp: 123062
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

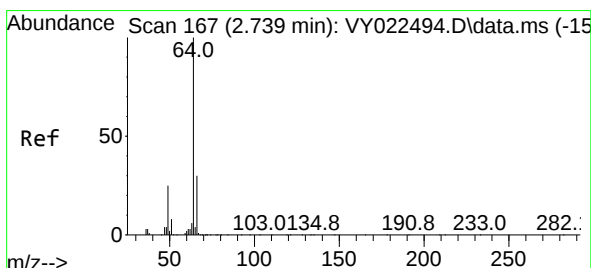
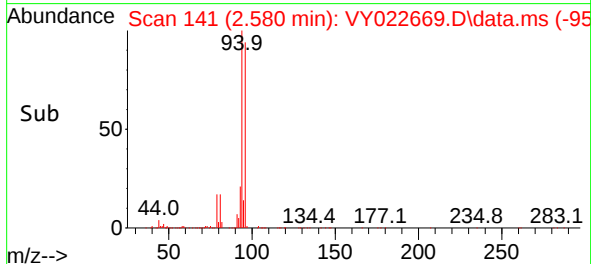
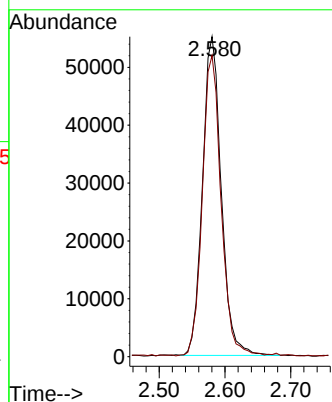
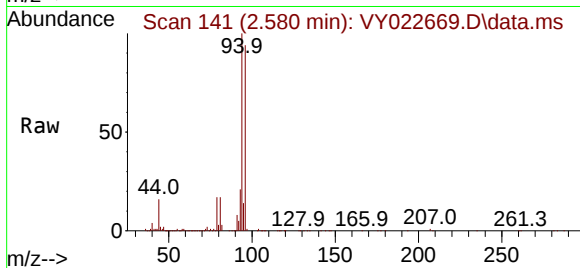




#5
Bromomethane
Concen: 23.025 ug/l
RT: 2.580 min Scan# 144
Delta R.T. -0.018 min
Lab File: VY022669.D
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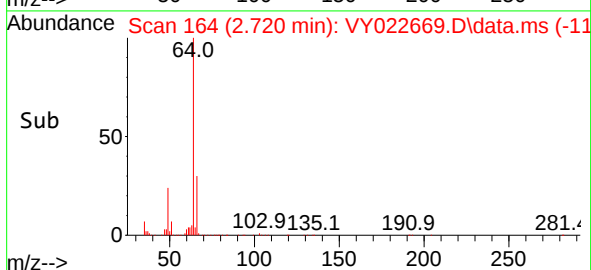
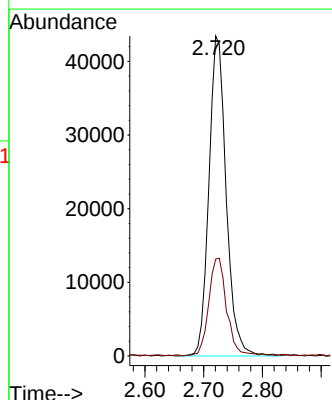
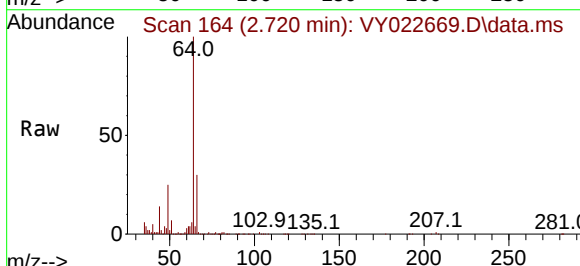
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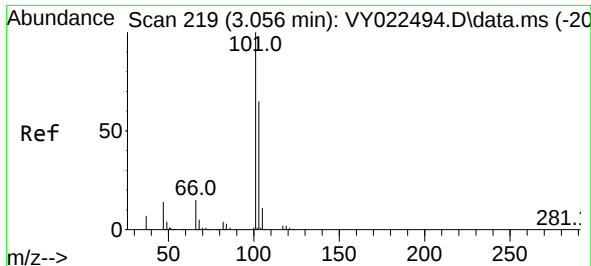
Tgt Ion: 94 Resp: 109497
Ion Ratio Lower Upper
94 100
96 94.0 74.0 111.0



#6
Chloroethane
Concen: 26.095 ug/l
RT: 2.720 min Scan# 164
Delta R.T. -0.018 min
Lab File: VY022669.D
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Tgt Ion: 64 Resp: 88870
Ion Ratio Lower Upper
64 100
66 30.0 23.8 35.6

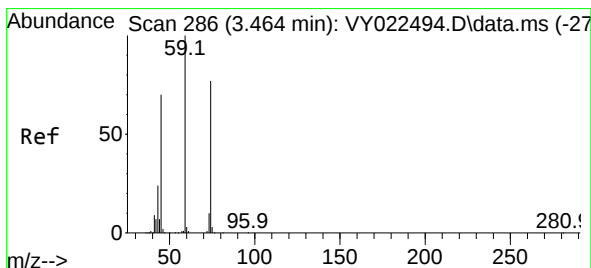
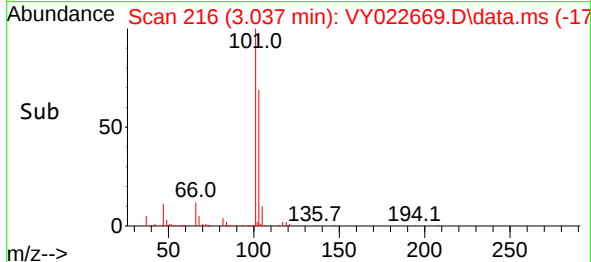
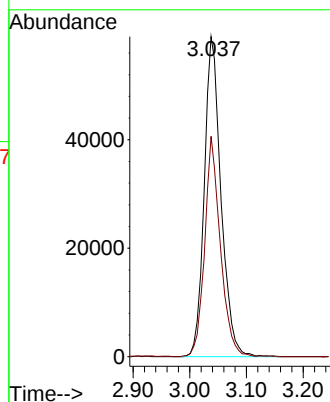
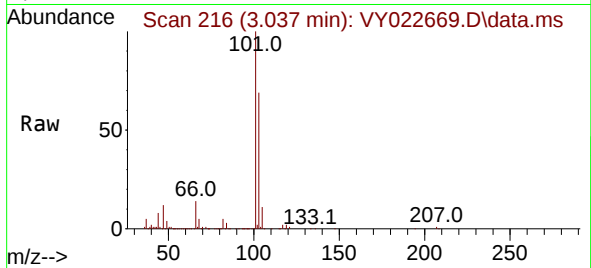




#7
Trichlorofluoromethane
Concen: 28.720 ug/l
RT: 3.037 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

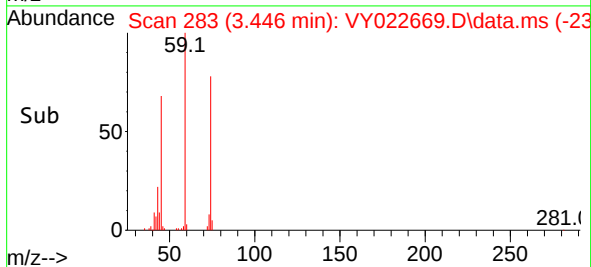
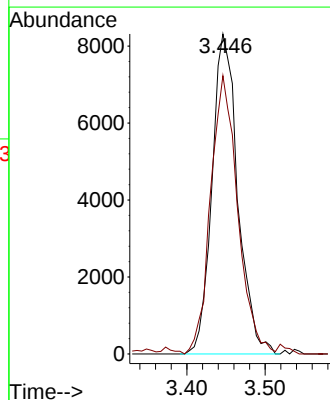
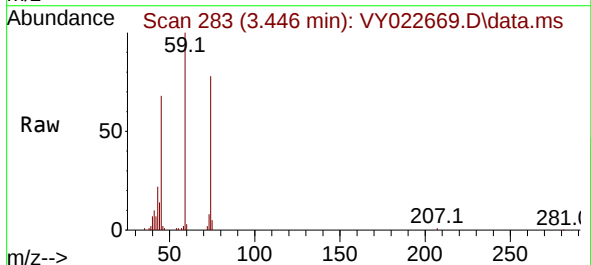
Instrument :
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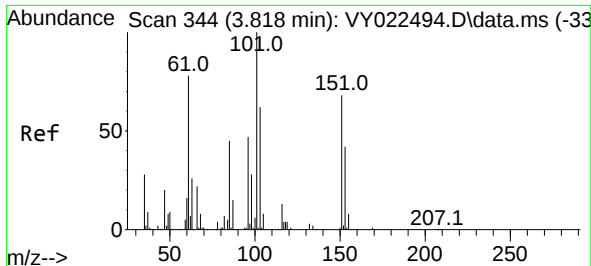
Tgt Ion:101 Resp: 120971
Ion Ratio Lower Upper
101 100
103 68.9 52.2 78.2



#8
Diethyl Ether
Concen: 20.071 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 74 Resp: 19039
Ion Ratio Lower Upper
74 100
45 91.2 45.9 137.6

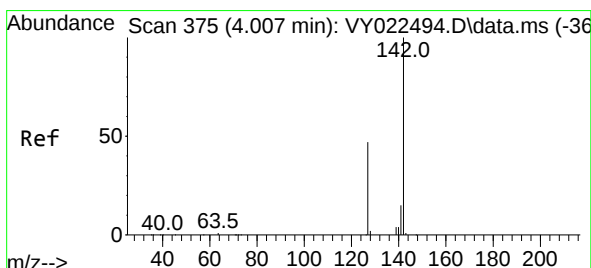
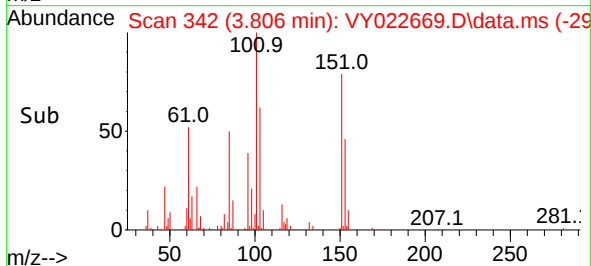
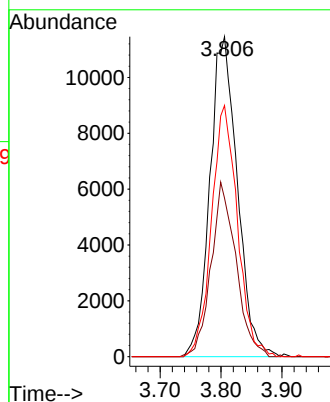
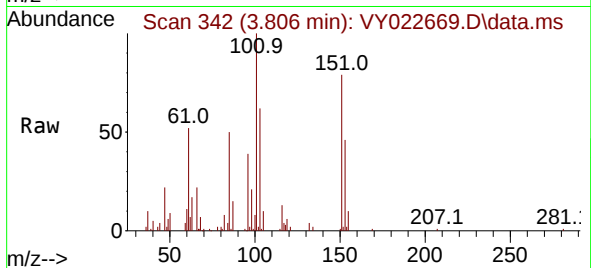




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.150 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

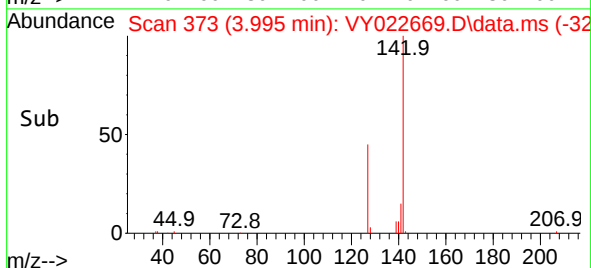
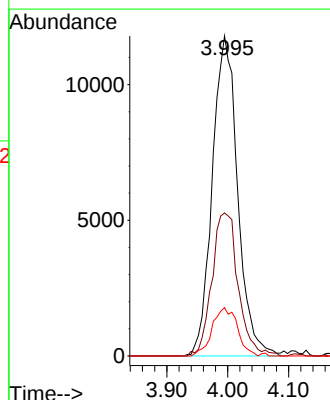
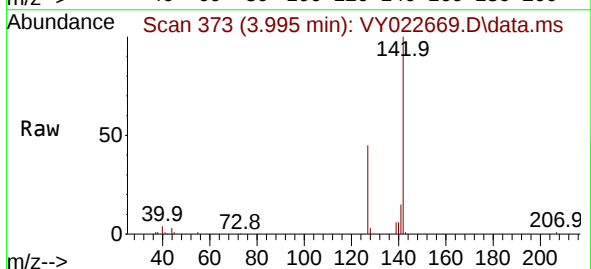
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

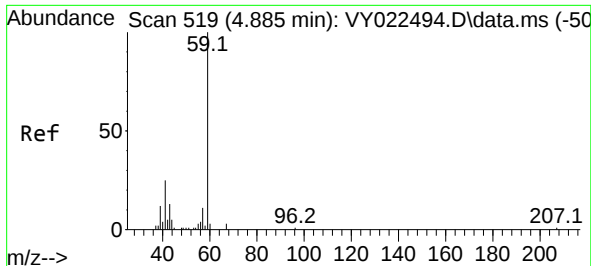
Tgt Ion:101 Resp: 35746
Ion Ratio Lower Upper
101 100
85 49.7 39.3 58.9
151 74.2 57.8 86.8



#10
Methyl Iodide
Concen: 17.725 ug/l
RT: 3.995 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion:142 Resp: 34028
Ion Ratio Lower Upper
142 100
127 46.3 37.1 55.7
141 15.0 11.4 17.2

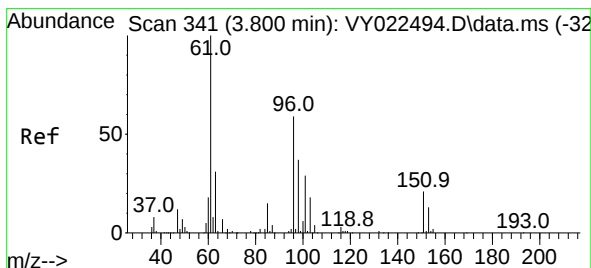
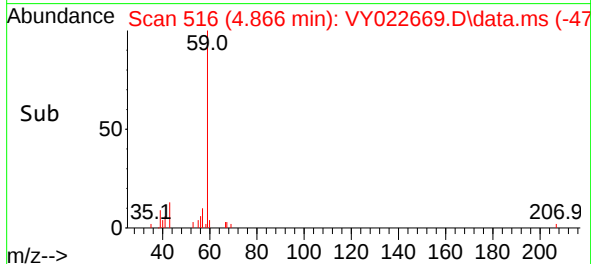
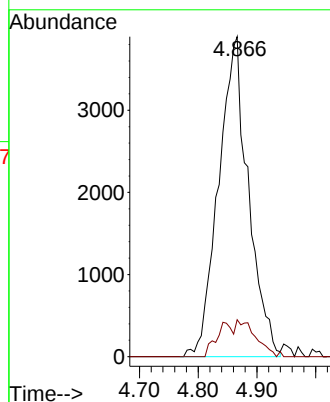
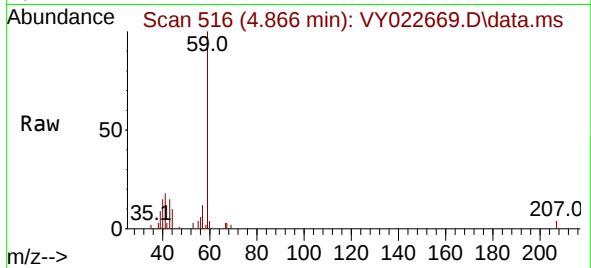




#11
Tert butyl alcohol
Concen: 106.305 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

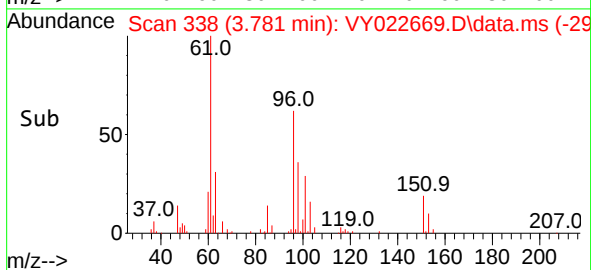
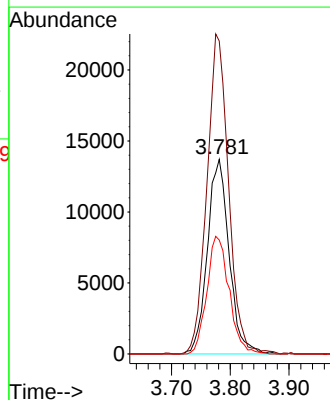
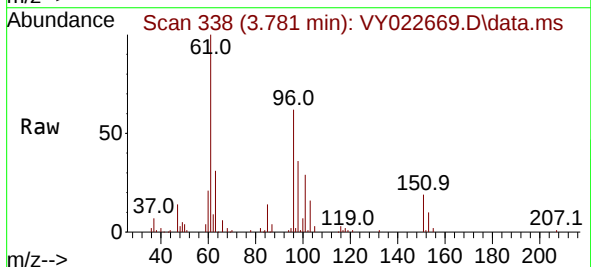
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

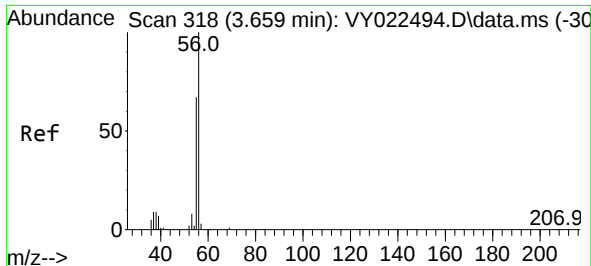
Tgt Ion: 59 Resp: 13732
Ion Ratio Lower Upper
59 100
57 7.7 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 20.845 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 96 Resp: 35347
Ion Ratio Lower Upper
96 100
61 160.8 134.6 201.8
98 58.5 50.2 75.4

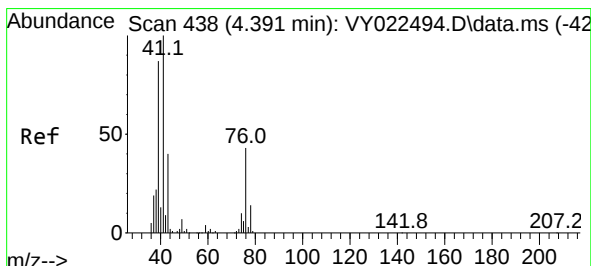
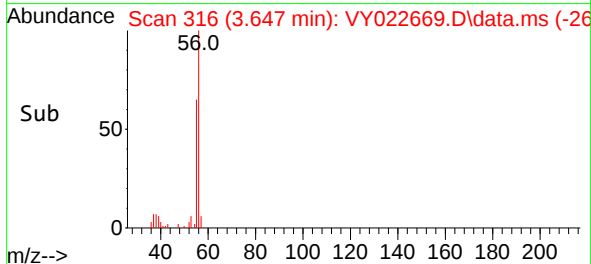
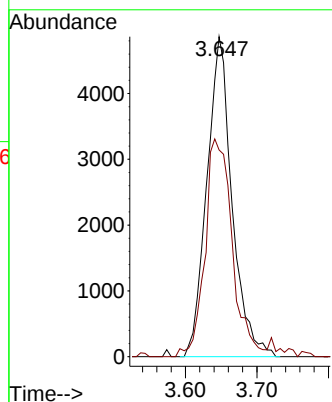
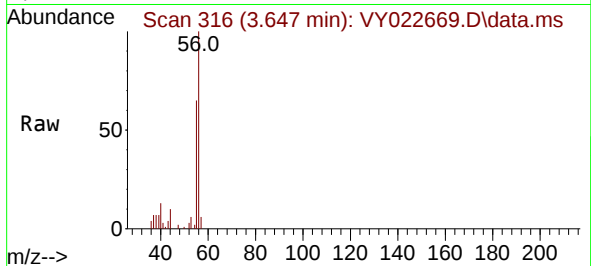




#13
Acrolein
Concen: 73.945 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

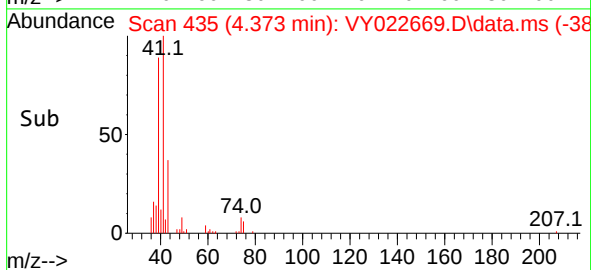
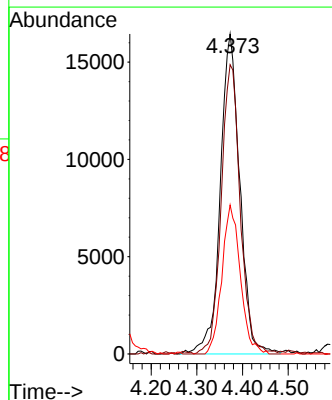
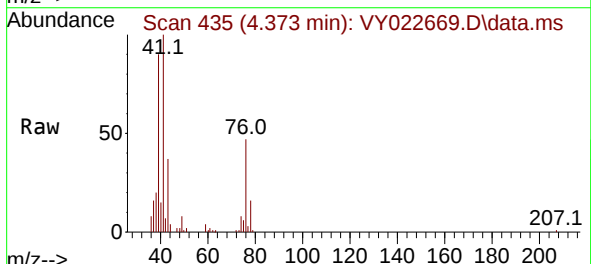
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

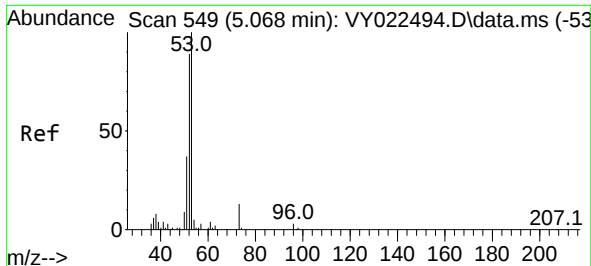
Tgt Ion: 56 Resp: 11904
Ion Ratio Lower Upper
56 100
55 73.5 57.0 85.6



#14
Allyl chloride
Concen: 18.415 ug/l
RT: 4.373 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 41 Resp: 49023
Ion Ratio Lower Upper
41 100
39 87.9 69.1 103.7
76 43.8 33.5 50.3

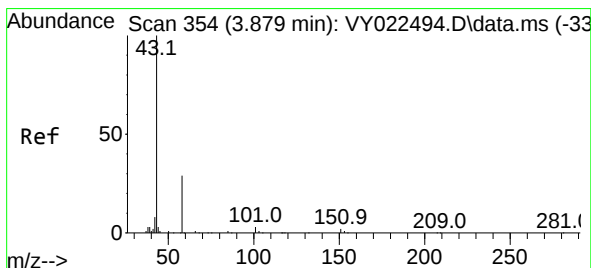
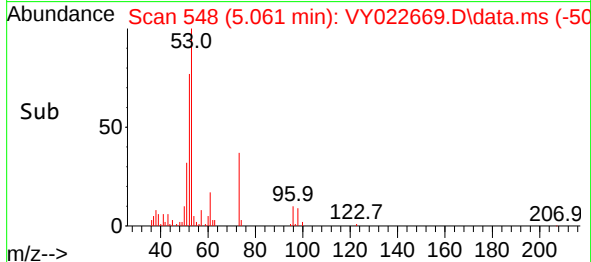
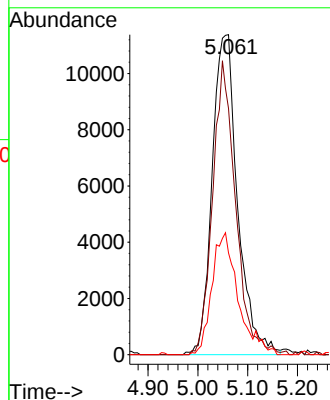
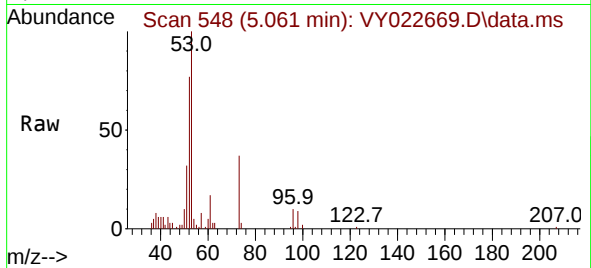




#15
Acrylonitrile
Concen: 100.680 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

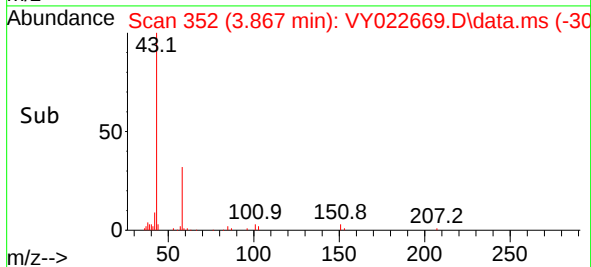
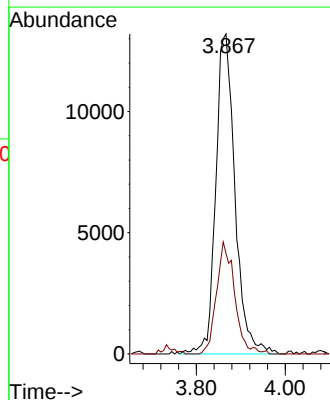
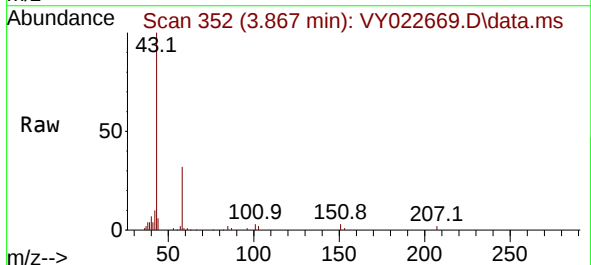
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

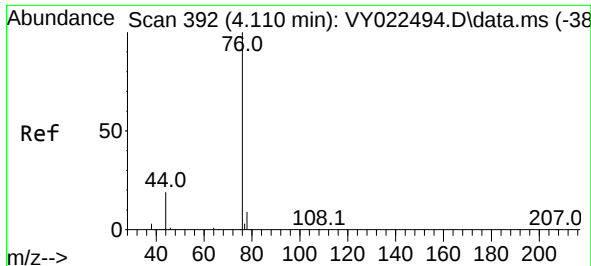
Tgt Ion: 53 Resp: 40447
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 39.2 30.1 45.1



#16
Acetone
Concen: 107.935 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 43 Resp: 39644
Ion Ratio Lower Upper
43 100
58 31.5 24.0 36.0

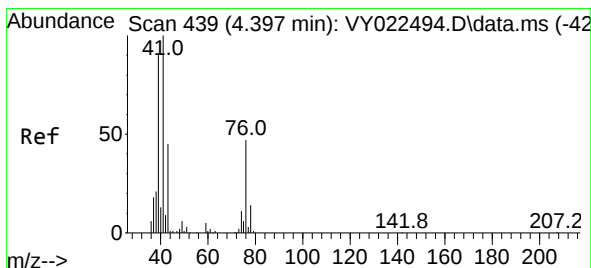
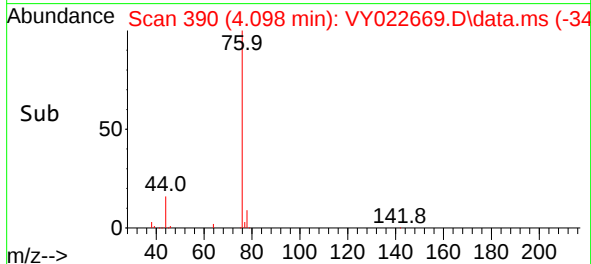
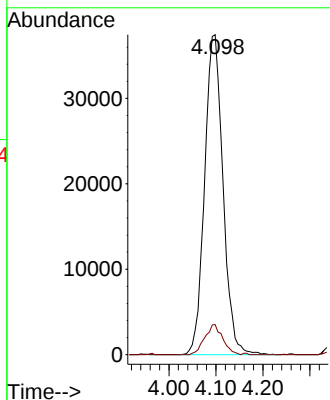
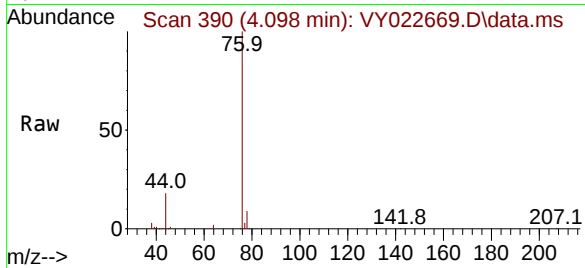




#17
Carbon Disulfide
Concen: 18.728 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

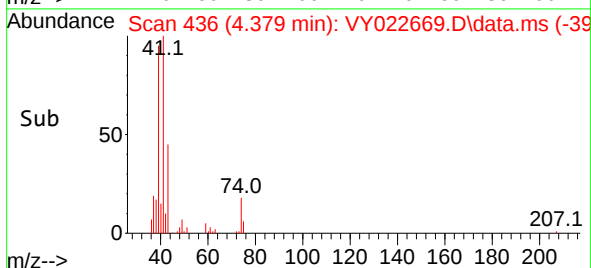
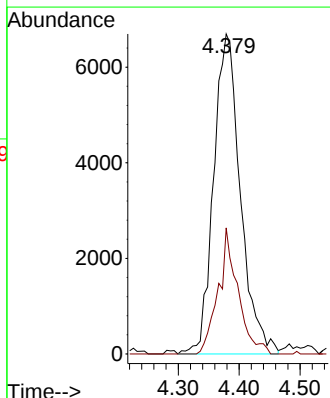
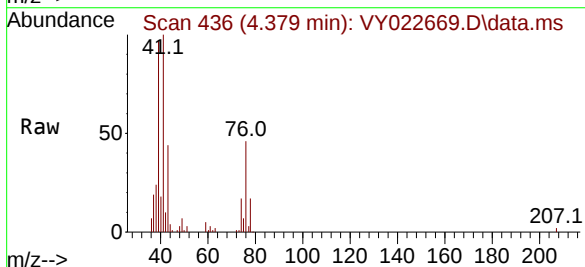
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

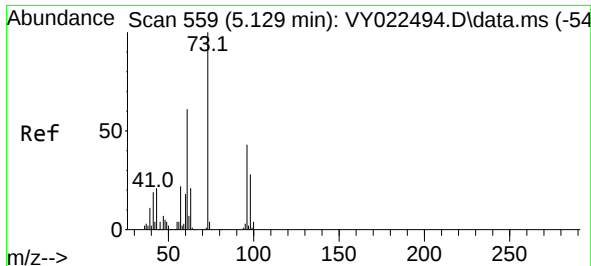
Tgt Ion: 76 Resp: 101674
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 18.789 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 43 Resp: 20436
Ion Ratio Lower Upper
43 100
74 29.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.656 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

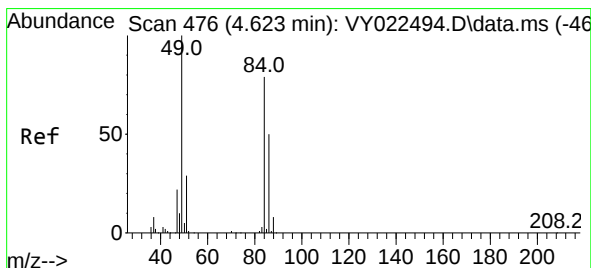
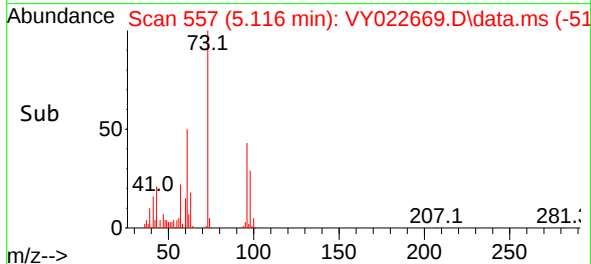
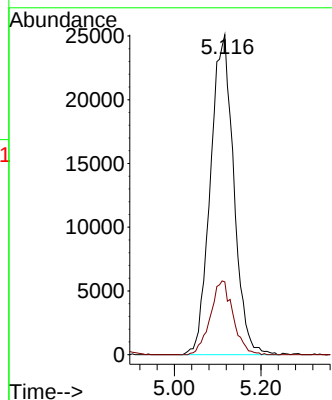
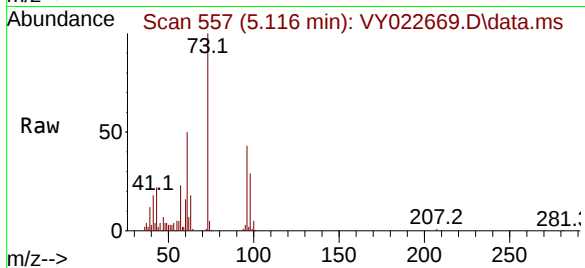
VY0612SBS01

Tgt Ion: 73 Resp: 93883

Ion Ratio Lower Upper

73 100

57 22.8 17.4 26.0



#20

Methylene Chloride

Concen: 21.116 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Tgt Ion: 84 Resp: 44056

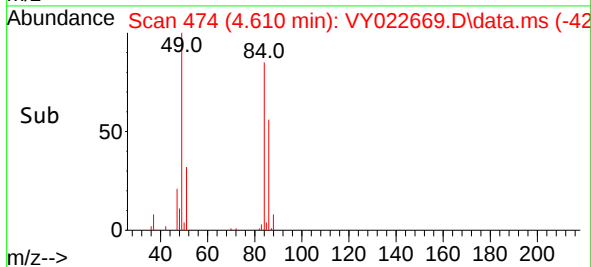
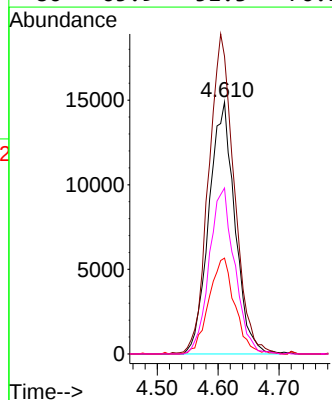
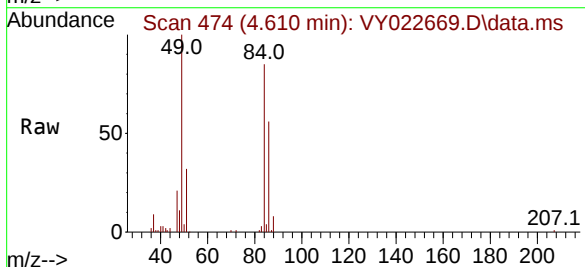
Ion Ratio Lower Upper

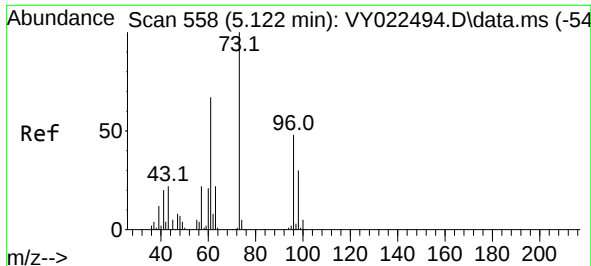
84 100

49 117.8 101.9 152.9

51 38.0 29.8 44.8

86 65.9 51.3 76.9

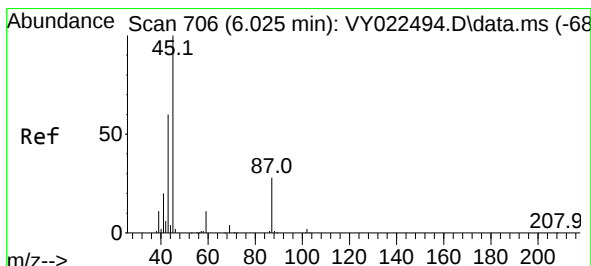
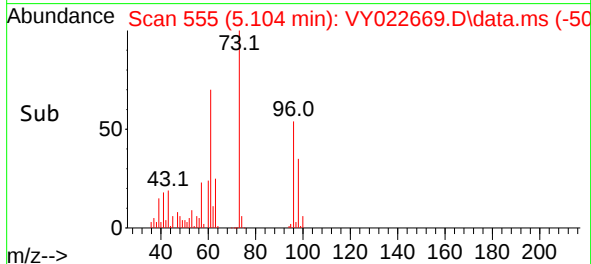
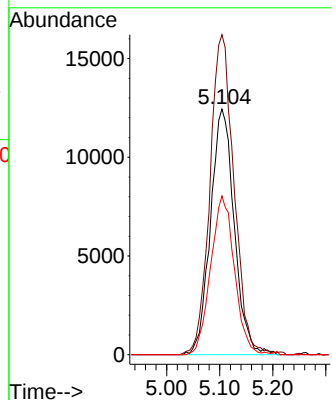
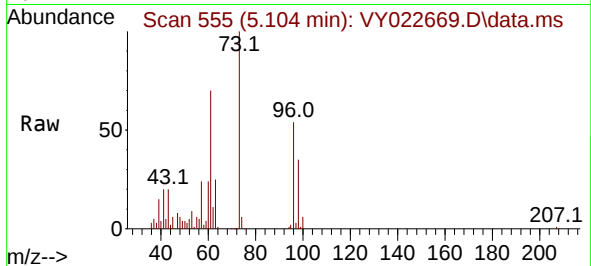




#21
trans-1,2-Dichloroethene
Concen: 20.409 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

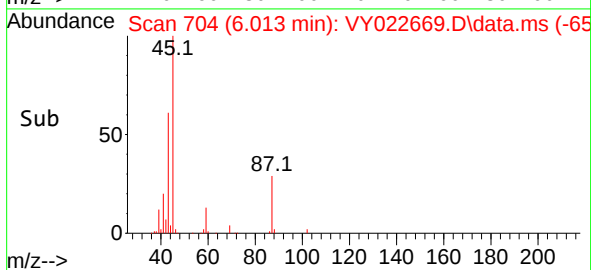
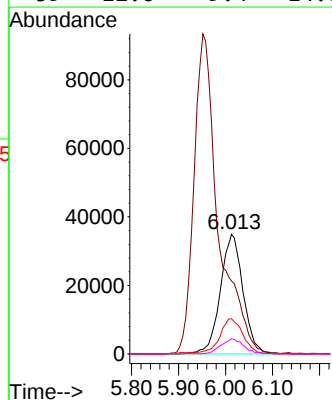
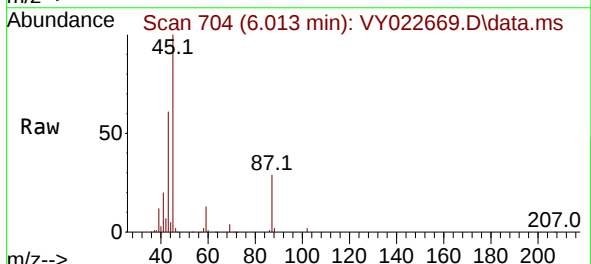
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

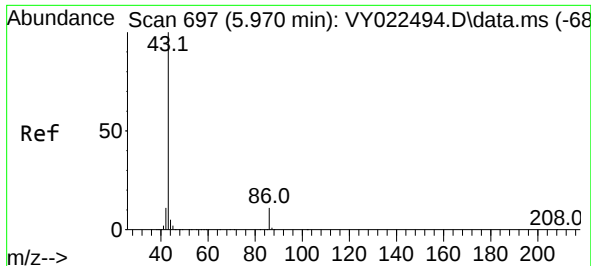
Tgt Ion: 96 Resp: 38733
Ion Ratio Lower Upper
96 100
61 130.3 112.6 169.0
98 64.7 50.6 75.8



#22
Diisopropyl ether
Concen: 19.727 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 45 Resp: 116894
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 29.5 23.0 34.6
59 12.6 9.4 14.0

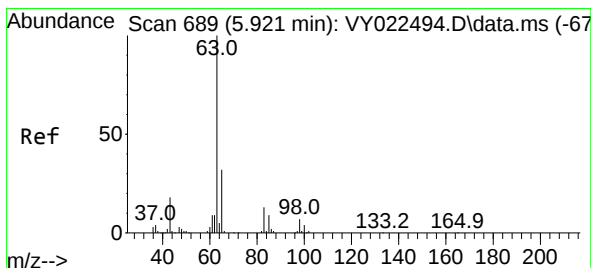
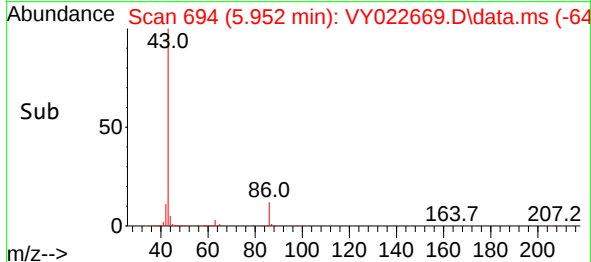
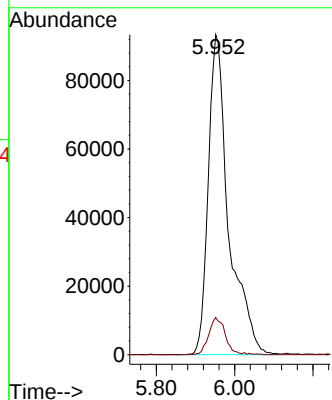
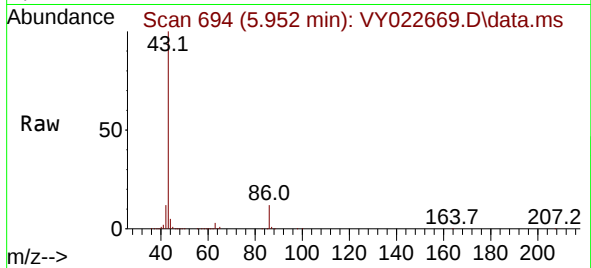




#23
 Vinyl Acetate
 Concen: 96.024 ug/l
 RT: 5.952 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY022669.D
 Acq: 12 Jun 2025 13:08

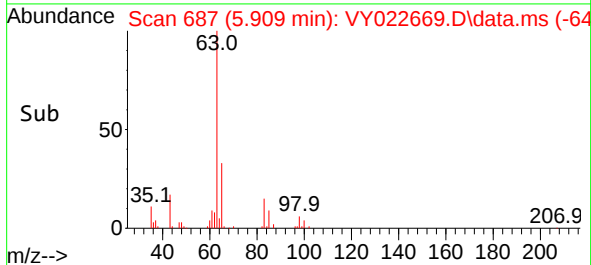
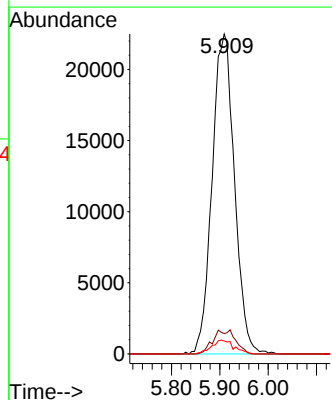
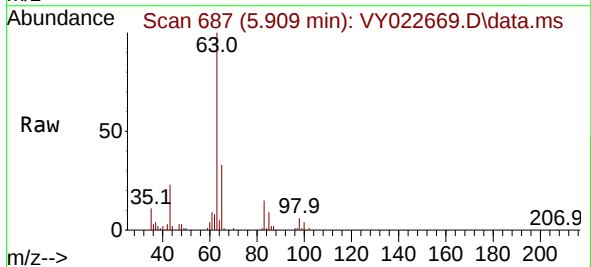
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

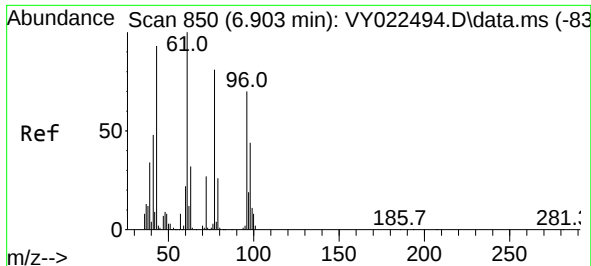
Tgt Ion: 43 Resp: 336775
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.687 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022669.D
 Acq: 12 Jun 2025 13:08

Tgt Ion: 63 Resp: 72215
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 101.924 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

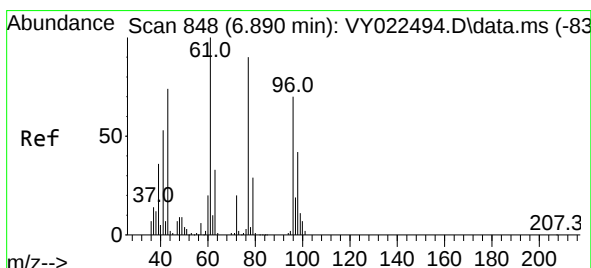
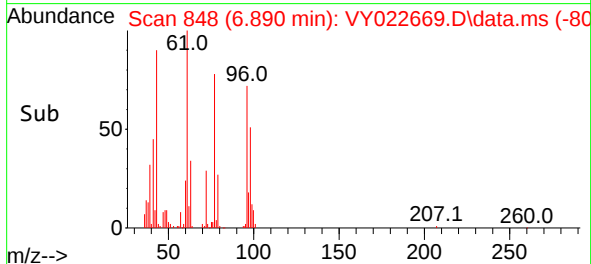
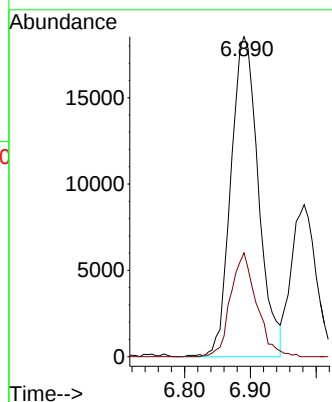
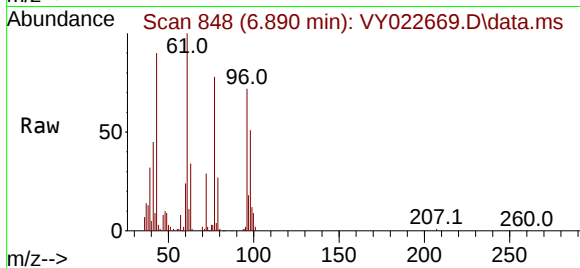
VY0612SBSD01

Tgt Ion: 43 Resp: 54000

Ion Ratio Lower Upper

43 100

72 32.4 22.9 34.3



#26

2,2-Dichloropropane

Concen: 19.587 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY022669.D

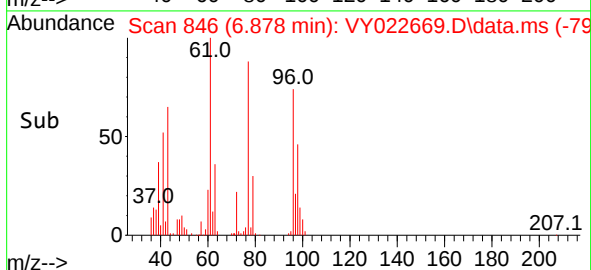
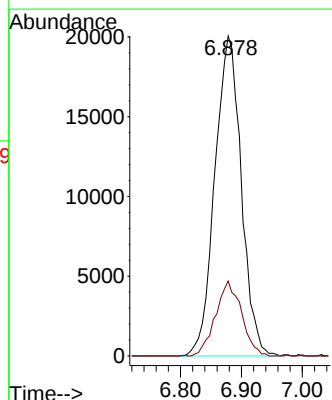
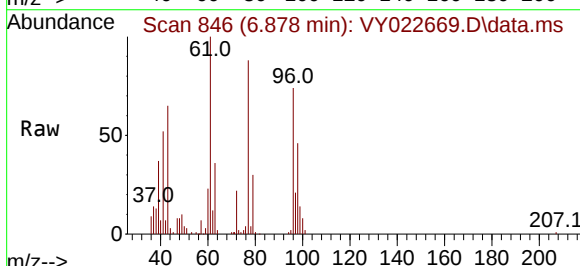
Acq: 12 Jun 2025 13:08

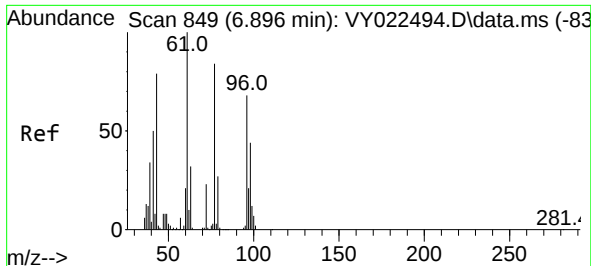
Tgt Ion: 77 Resp: 60412

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.677 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

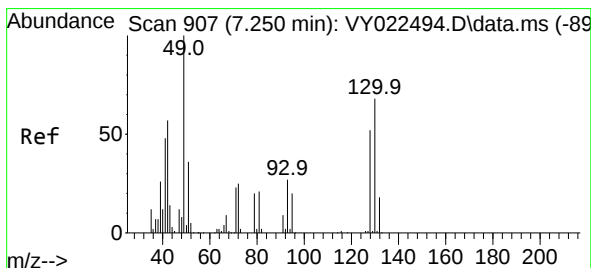
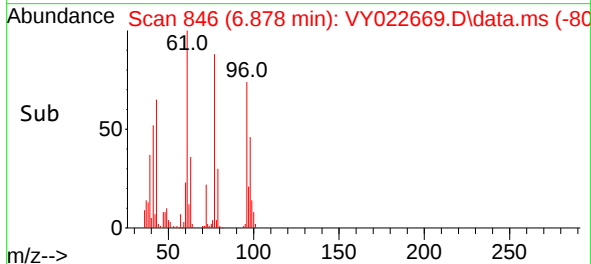
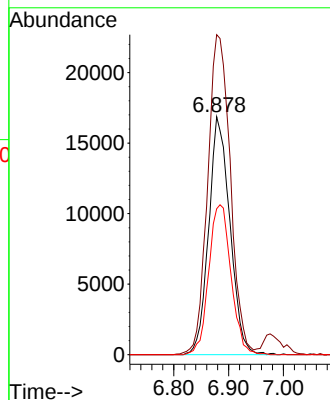
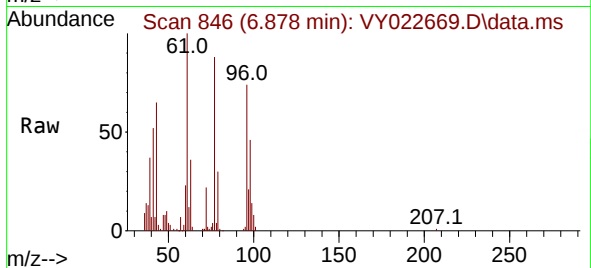
Tgt Ion: 96 Resp: 45357

Ion Ratio Lower Upper

96 100

61 143.7 0.0 290.0

98 66.0 0.0 128.4



#28

Bromochloromethane

Concen: 19.995 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

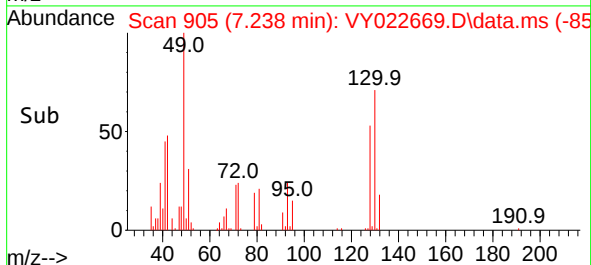
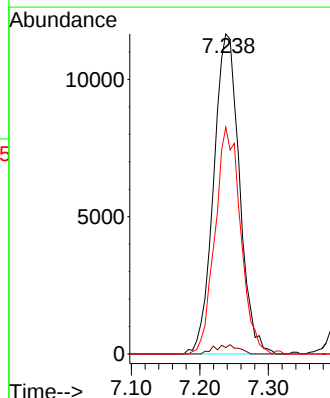
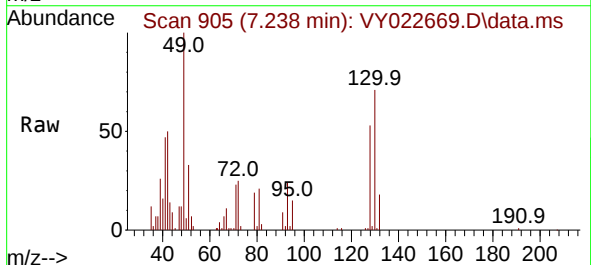
Tgt Ion: 49 Resp: 30426

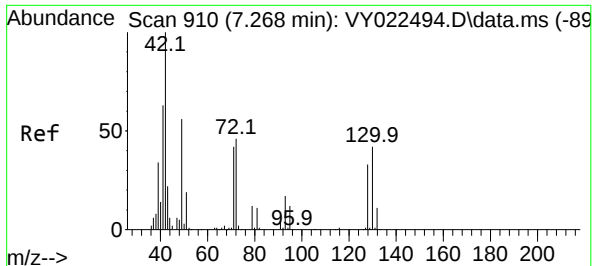
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.6

130 70.1 55.7 83.5





#29

Tetrahydrofuran

Concen: 100.598 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

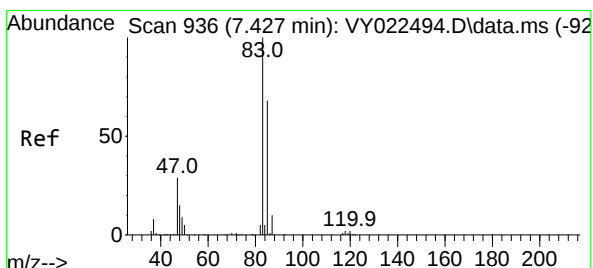
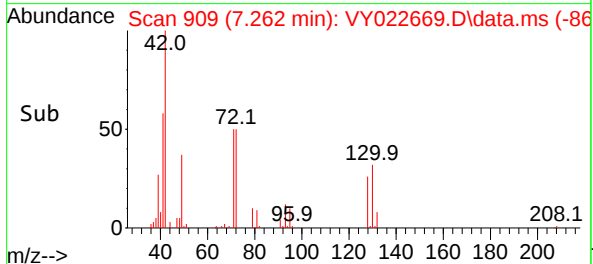
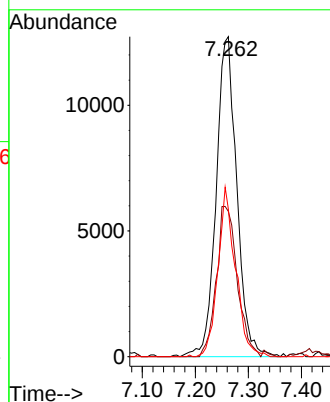
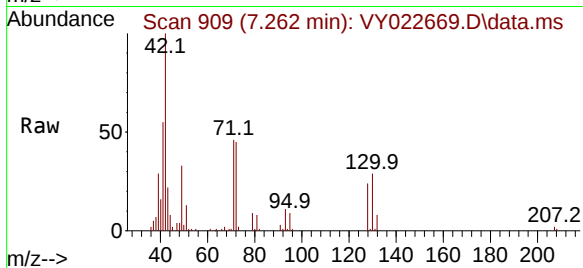
Tgt Ion: 42 Resp: 34375

Ion Ratio Lower Upper

42 100

72 47.5 37.4 56.2

71 45.3 34.2 51.2



#30

Chloroform

Concen: 20.832 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022669.D

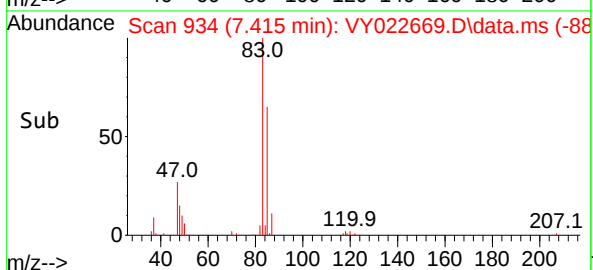
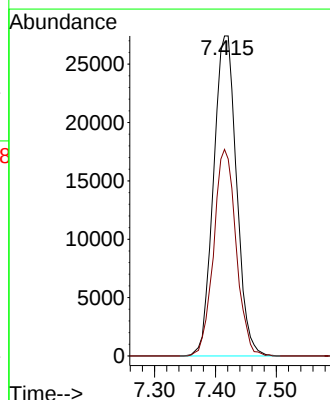
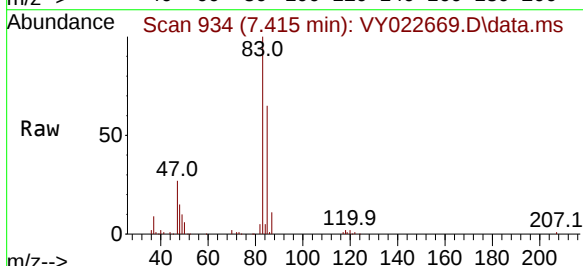
Acq: 12 Jun 2025 13:08

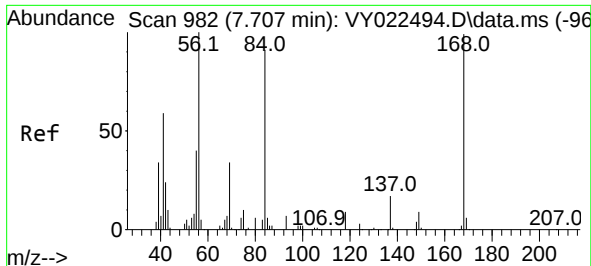
Tgt Ion: 83 Resp: 72029

Ion Ratio Lower Upper

83 100

85 64.5 54.2 81.4

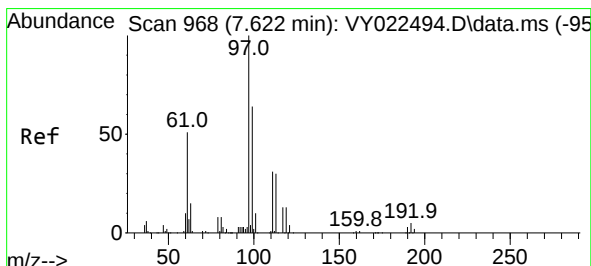
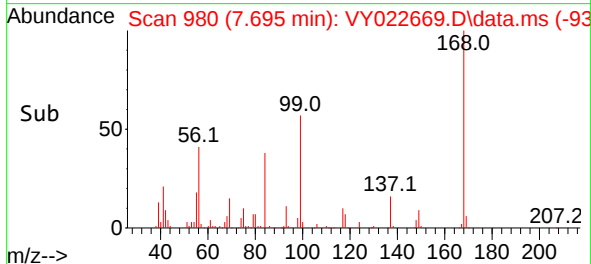
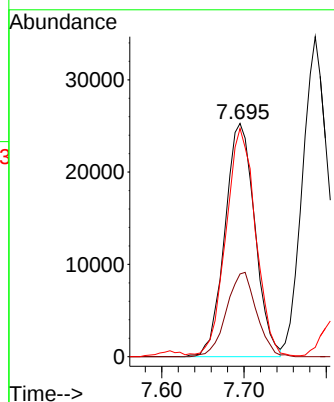
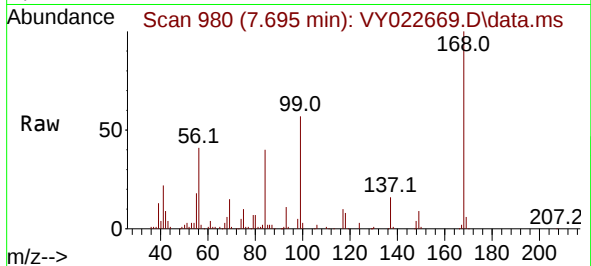




#31
Cyclohexane
Concen: 18.437 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

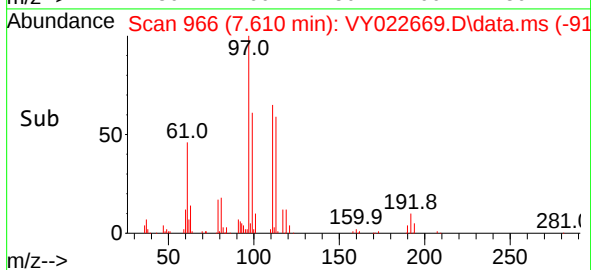
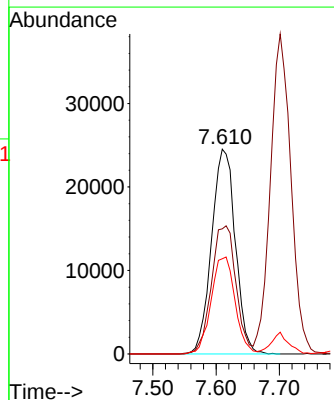
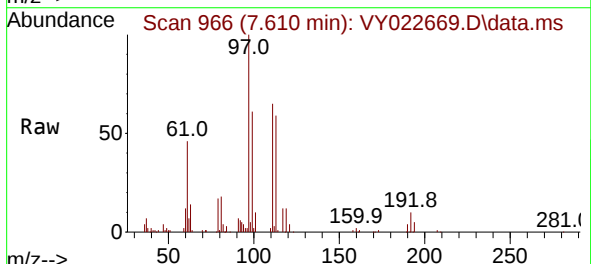
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

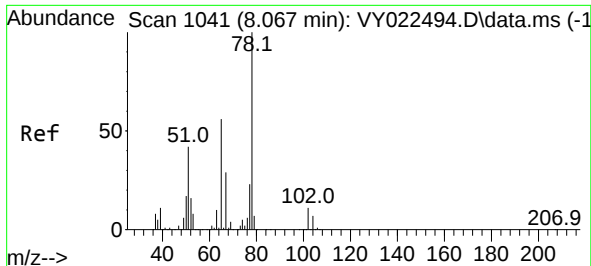
Tgt Ion: 56 Resp: 64075
Ion Ratio Lower Upper
56 100
69 35.5 27.0 40.6
84 96.3 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.816 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 97 Resp: 63892
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 47.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 47.427 ug/l

RT: 8.055 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

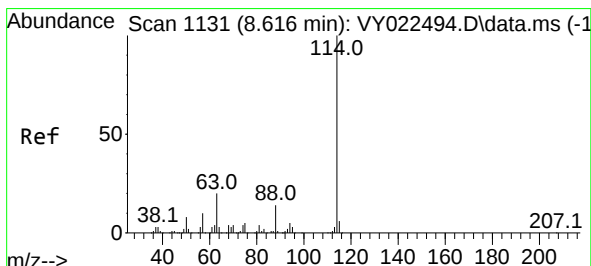
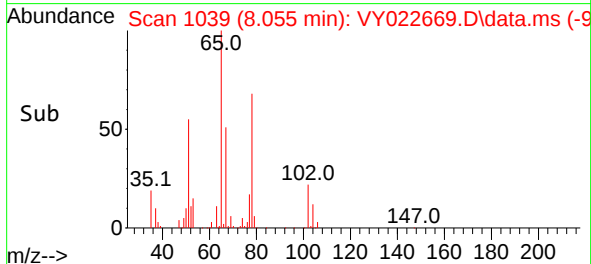
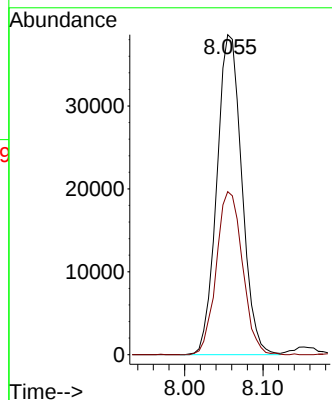
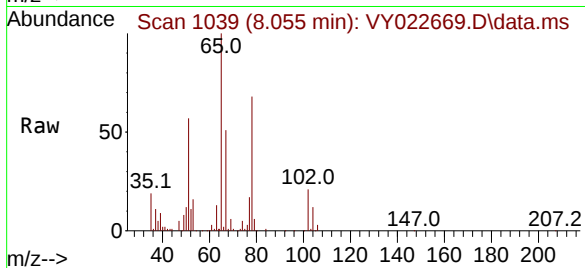
VY0612SBSD01

Tgt Ion: 65 Resp: 85775

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

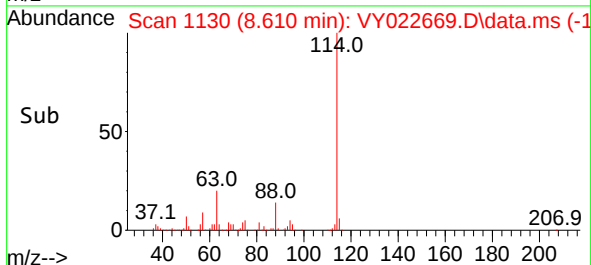
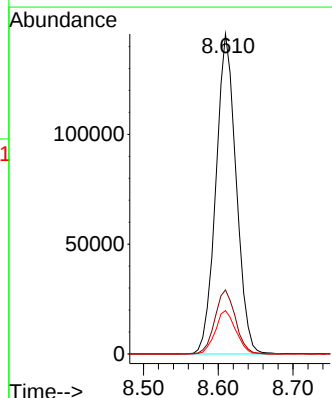
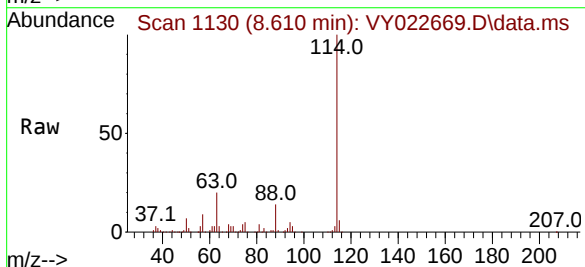
Tgt Ion: 114 Resp: 274346

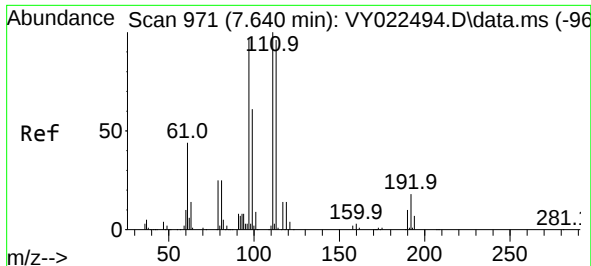
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 13.5 0.0 27.8

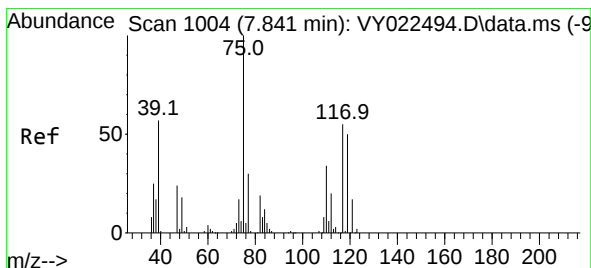
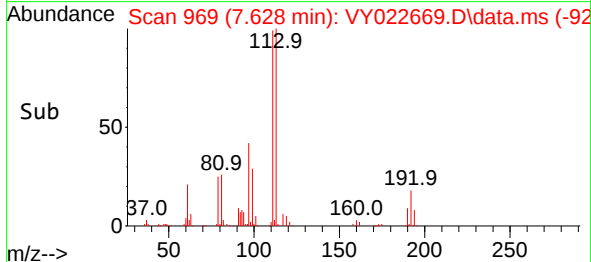
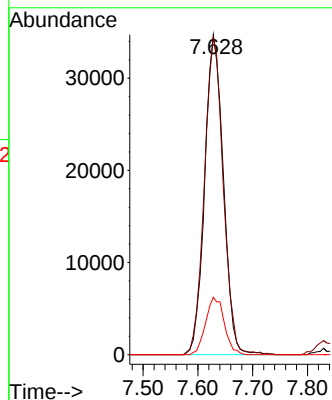
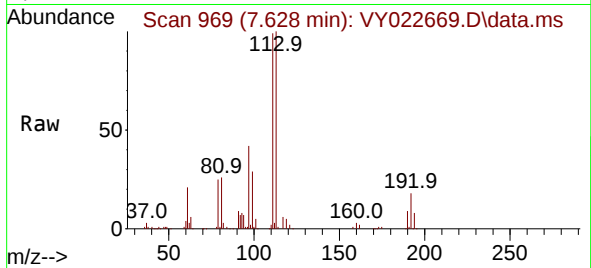




#35
Dibromofluoromethane
Concen: 50.174 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

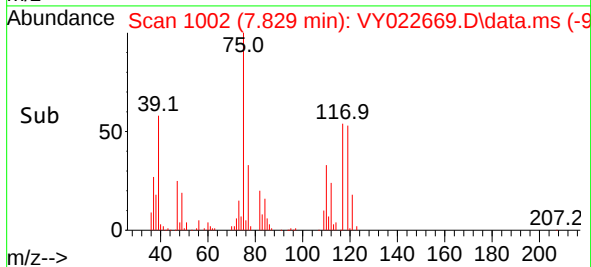
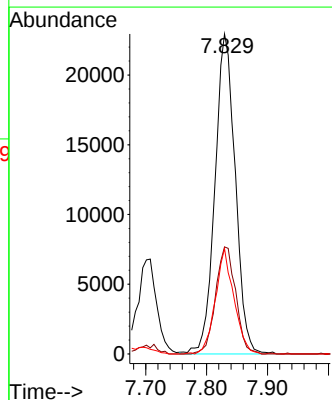
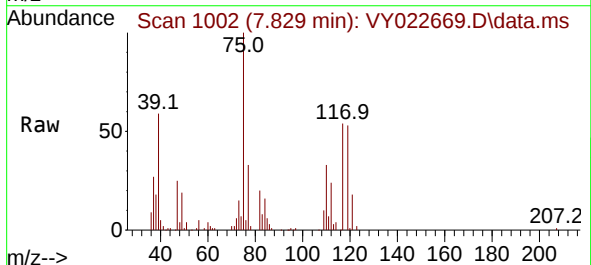
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

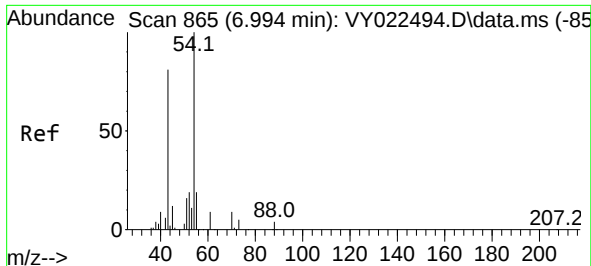
Tgt Ion:113 Resp: 82160
Ion Ratio Lower Upper
113 100
111 100.2 81.1 121.7
192 17.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.020 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 75 Resp: 53208
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.7
77 30.0 24.8 37.2





#37

Ethyl Acetate

Concen: 20.367 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

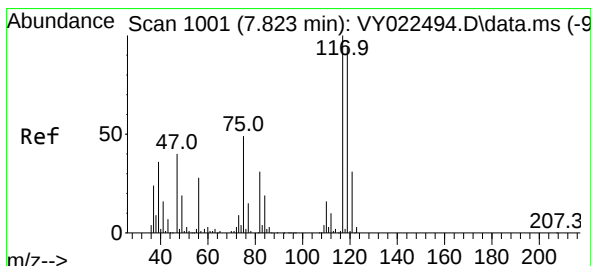
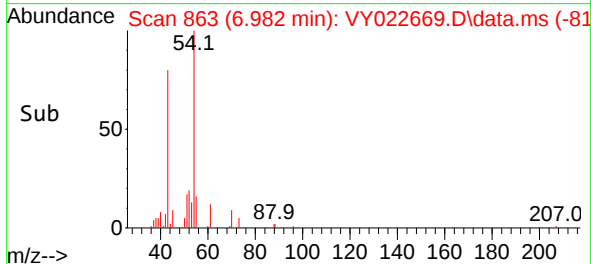
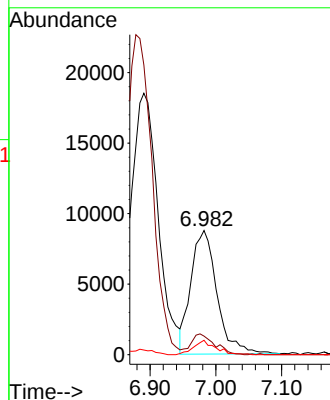
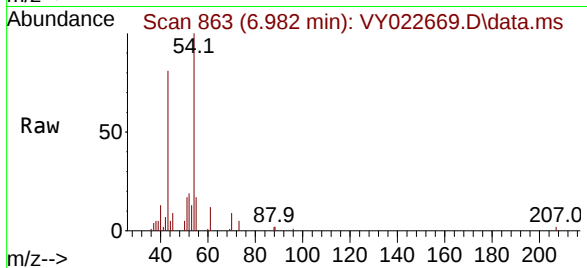
Tgt Ion: 43 Resp: 24139

Ion Ratio Lower Upper

43 100

61 15.3 11.5 17.3

70 9.7 7.2 10.8



#38

Carbon Tetrachloride

Concen: 19.772 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

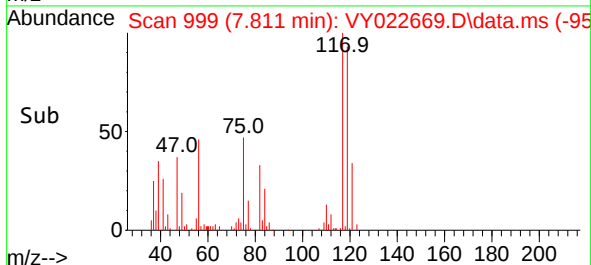
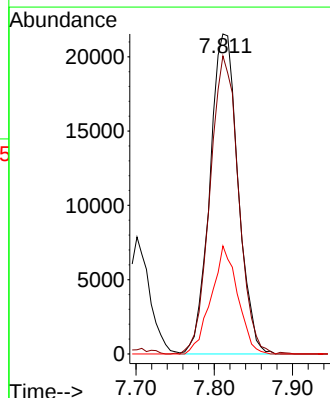
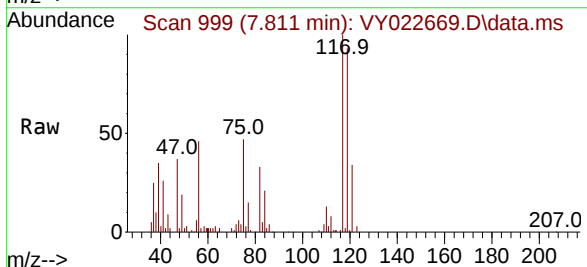
Tgt Ion: 117 Resp: 53907

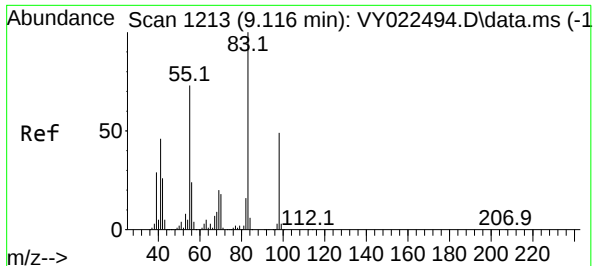
Ion Ratio Lower Upper

117 100

119 93.2 75.0 112.6

121 33.8 25.0 37.4





#39

Methylcyclohexane

Concen: 18.580 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

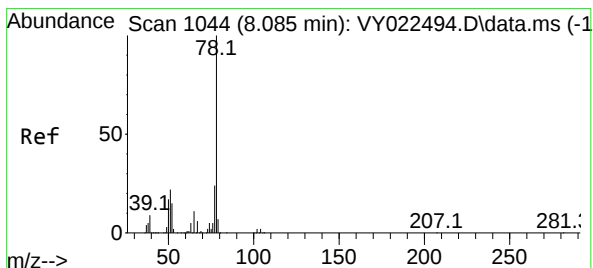
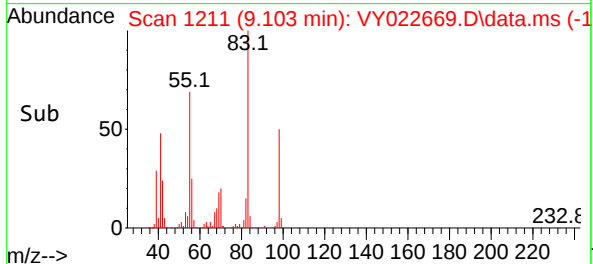
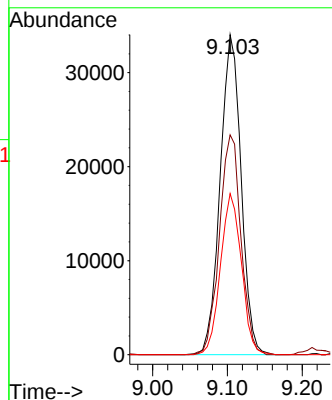
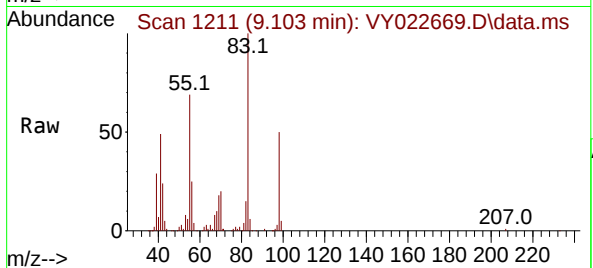
Tgt Ion: 83 Resp: 66361

Ion Ratio Lower Upper

83 100

55 68.7 58.1 87.1

98 50.3 39.0 58.6



#40

Benzene

Concen: 20.270 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022669.D

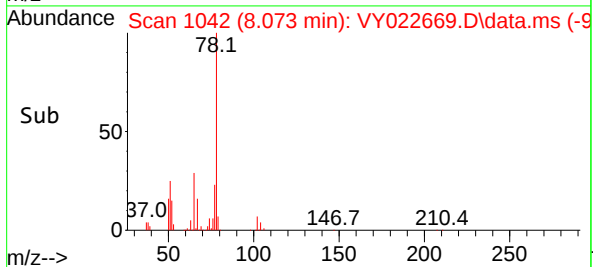
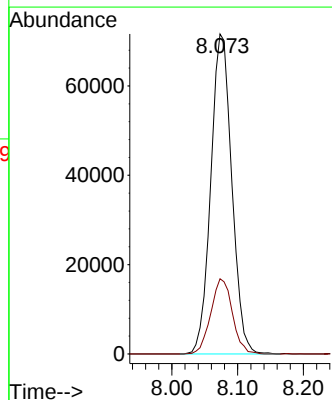
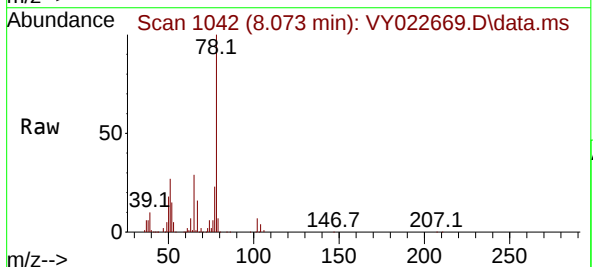
Acq: 12 Jun 2025 13:08

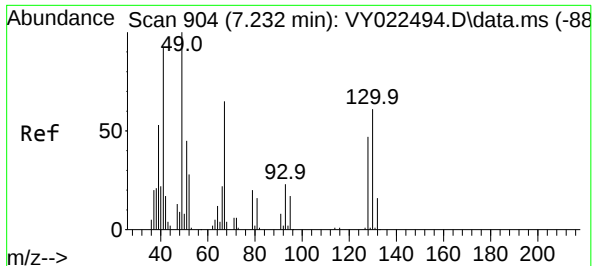
Tgt Ion: 78 Resp: 159117

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

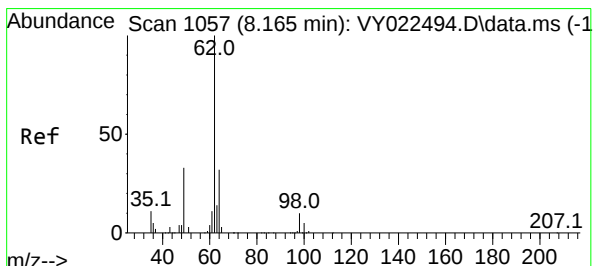
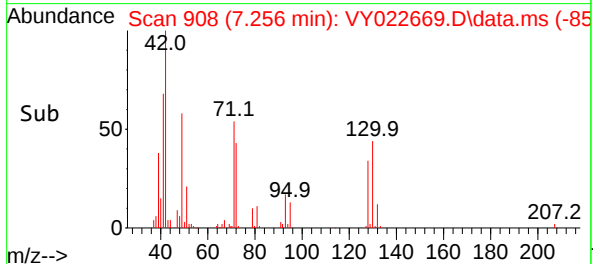
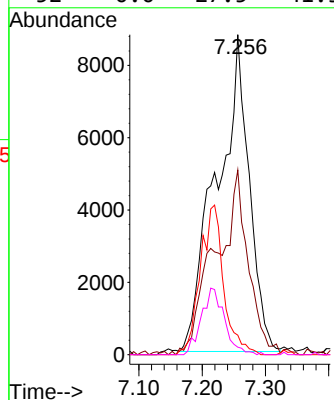
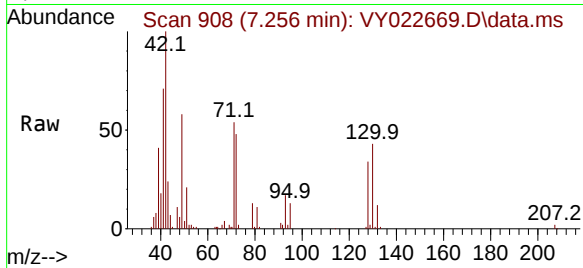




#41
Methacrylonitrile
Concen: 45.169 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

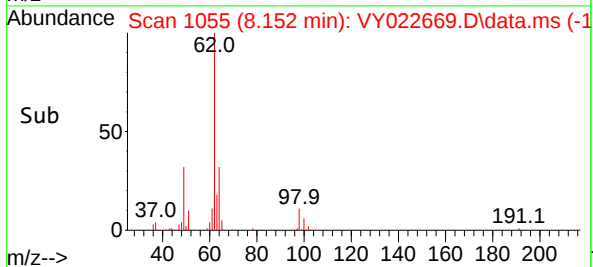
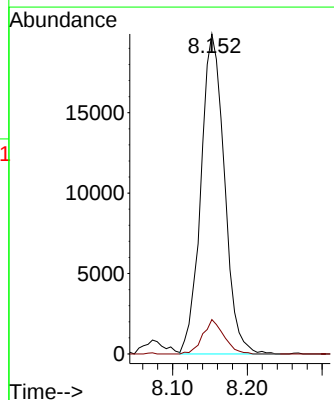
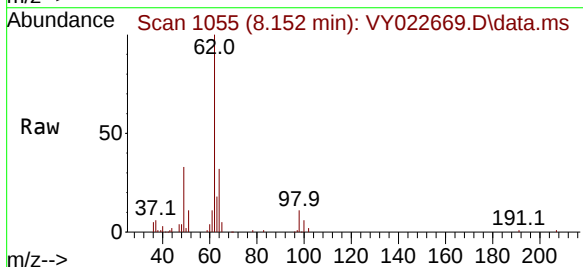
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBS01

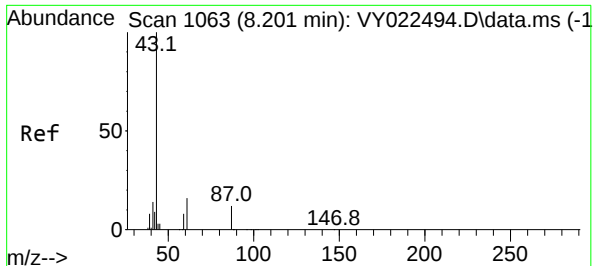
Tgt Ion: 41 Resp: 31270
Ion Ratio Lower Upper
41 100
39 35.5 46.6 69.8#
67 0.0 63.3 94.9#
52 0.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 20.326 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 62 Resp: 43565
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.623 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

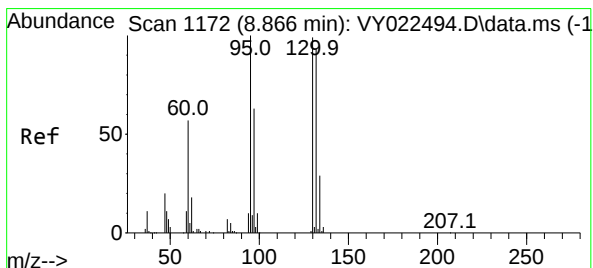
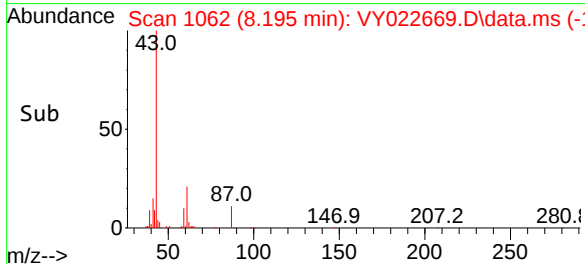
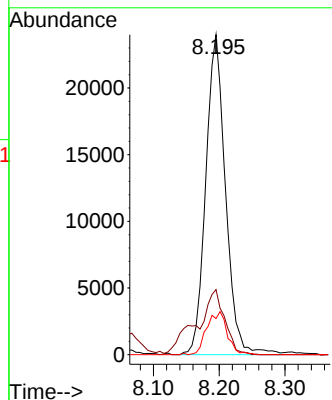
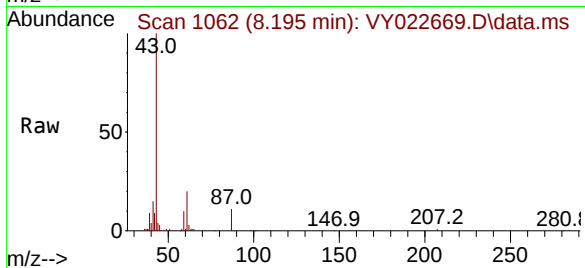
Tgt Ion: 43 Resp: 50229

Ion Ratio Lower Upper

43 100

61 19.1 15.6 23.4

87 13.9 10.2 15.4



#44

Trichloroethene

Concen: 21.232 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VY022669.D

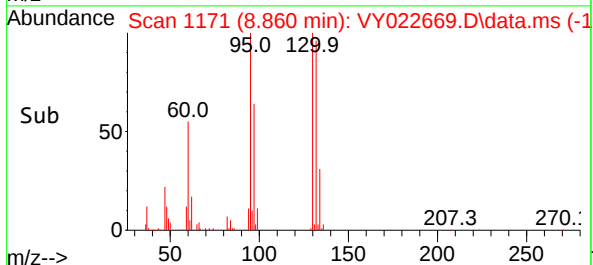
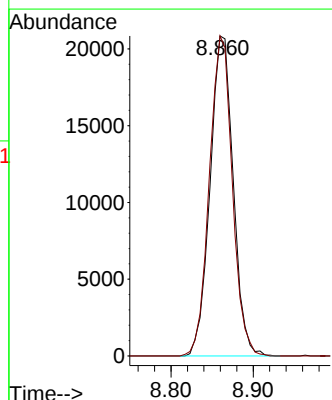
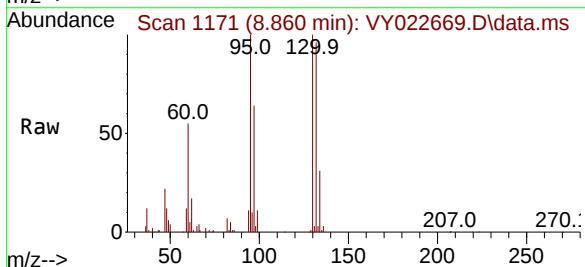
Acq: 12 Jun 2025 13:08

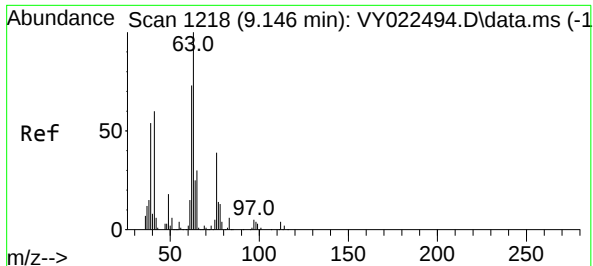
Tgt Ion:130 Resp: 40733

Ion Ratio Lower Upper

130 100

95 100.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 19.994 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

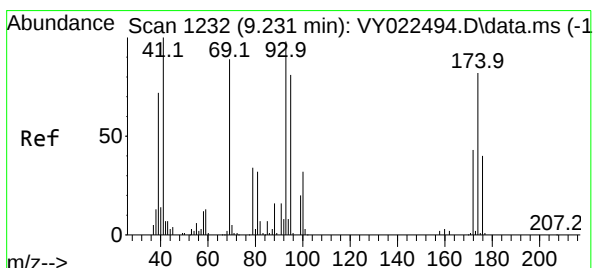
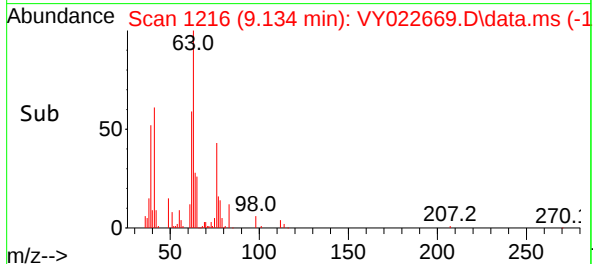
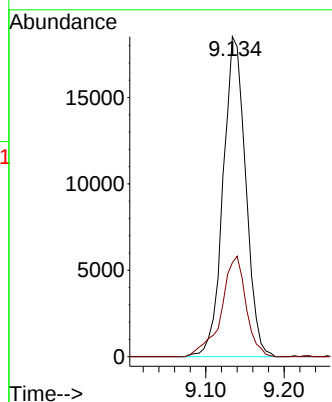
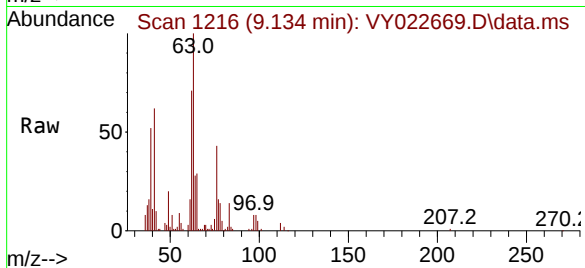
VY0612SBS01

Tgt Ion: 63 Resp: 37092

Ion Ratio Lower Upper

63 100

65 29.4 24.0 36.0



#46

Dibromomethane

Concen: 20.021 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

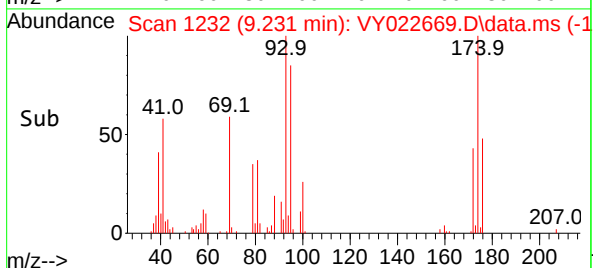
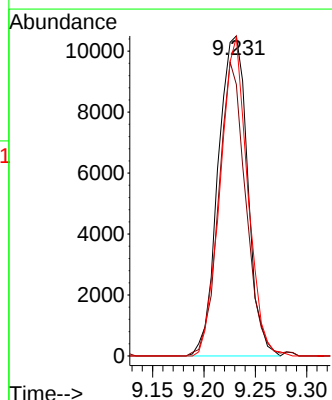
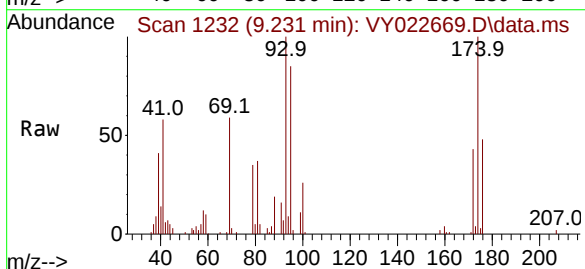
Tgt Ion: 93 Resp: 20896

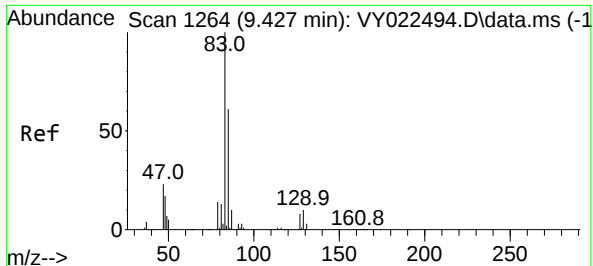
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 92.4 70.4 105.6

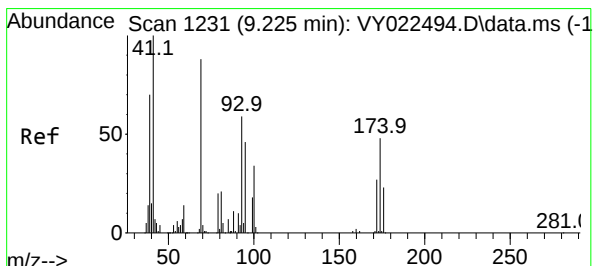
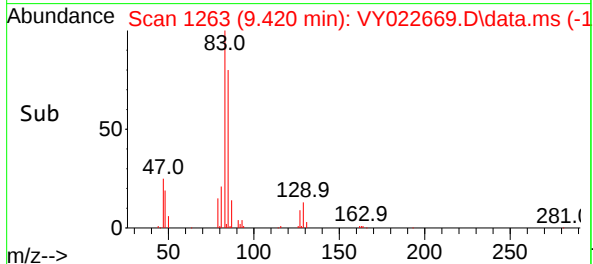
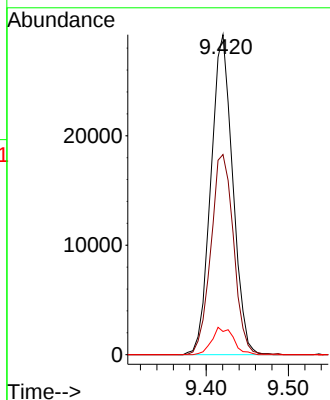
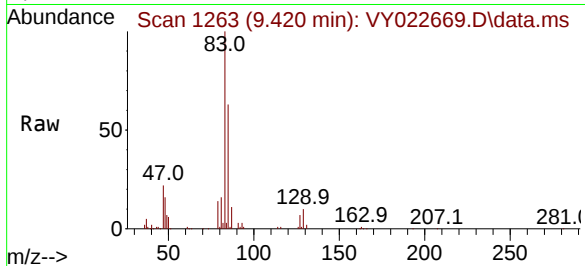




#47
Bromodichloromethane
Concen: 20.358 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

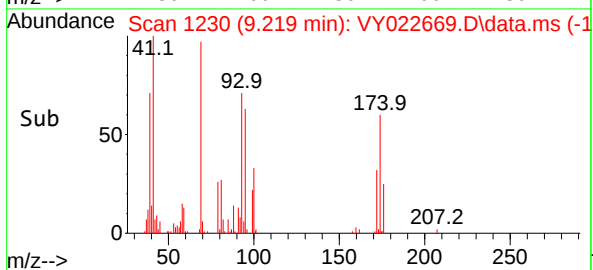
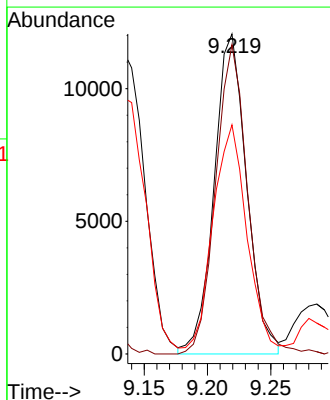
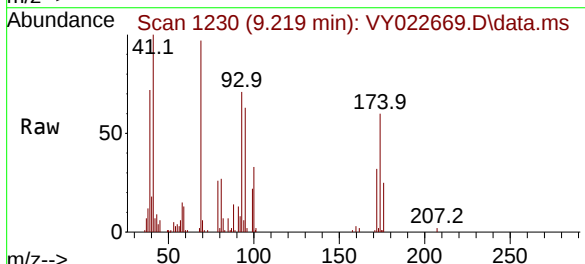
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

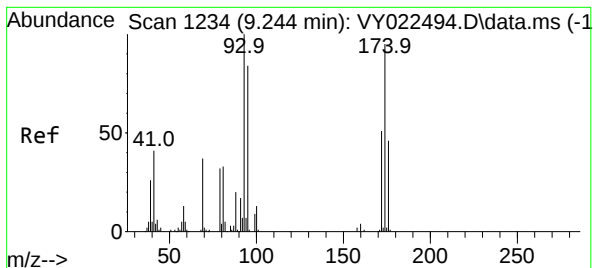
Tgt Ion: 83 Resp: 53876
Ion Ratio Lower Upper
83 100
85 62.5 49.1 73.7
127 7.2 6.2 9.4



#48
Methyl methacrylate
Concen: 17.943 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 41 Resp: 21556
Ion Ratio Lower Upper
41 100
69 95.7 67.8 101.8
39 71.4 55.0 82.4





#49

1,4-Dioxane

Concen: 402.278 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

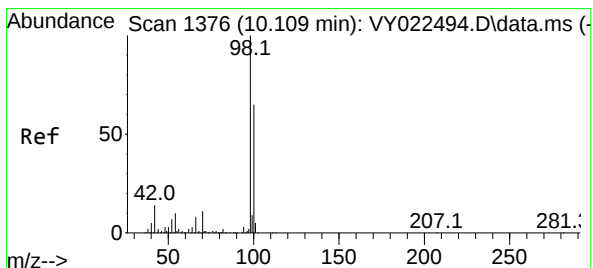
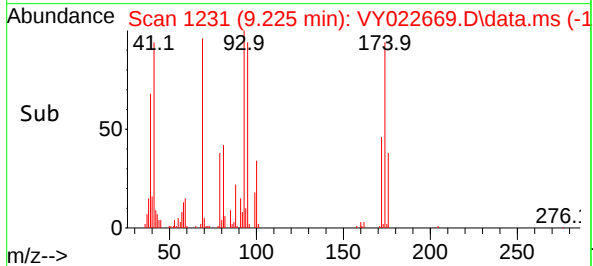
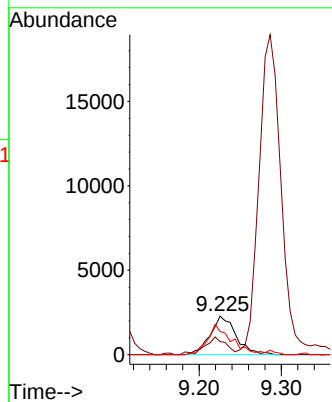
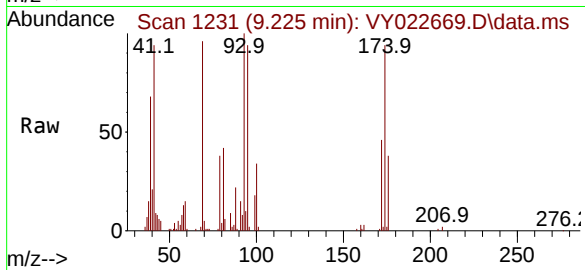
Tgt Ion: 88 Resp: 4974

Ion Ratio Lower Upper

88 100

43 37.2 25.4 38.2

58 70.9 54.9 82.3



#50

Toluene-d8

Concen: 49.025 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022669.D

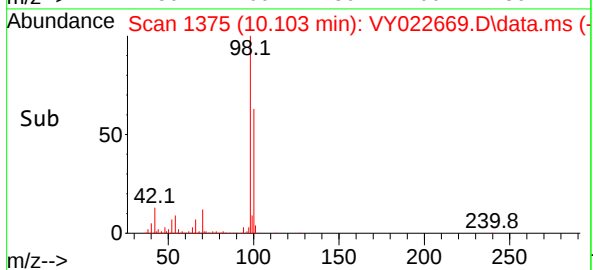
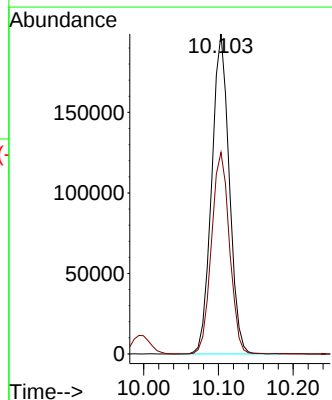
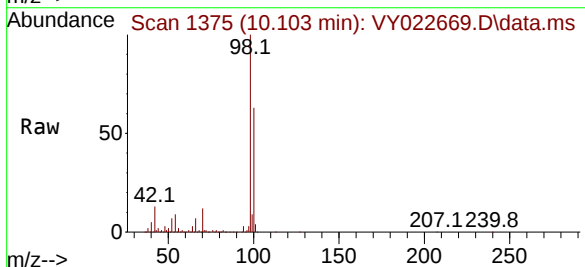
Acq: 12 Jun 2025 13:08

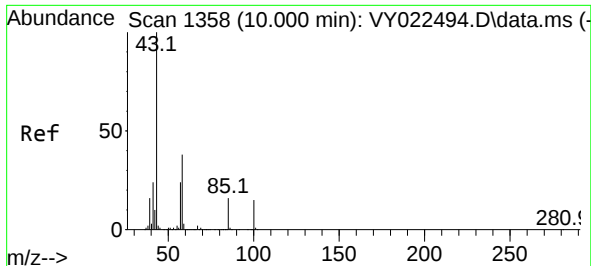
Tgt Ion: 98 Resp: 324380

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

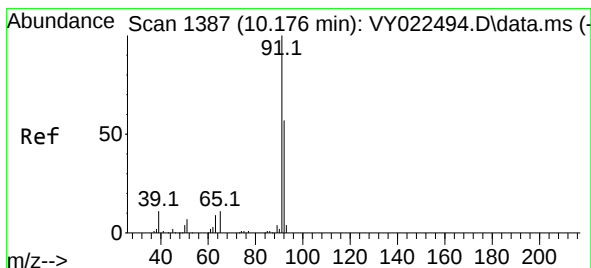
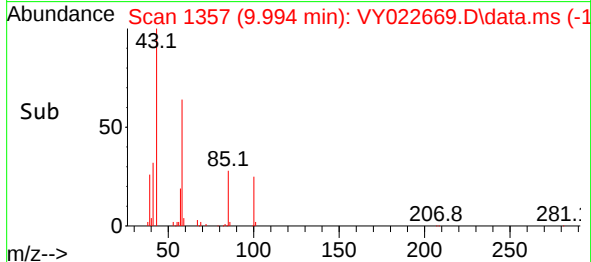
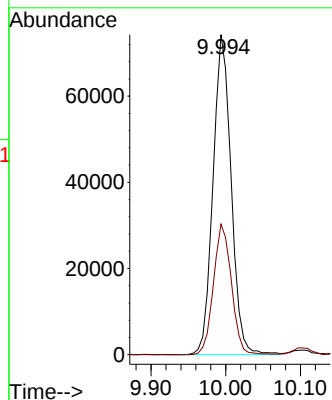
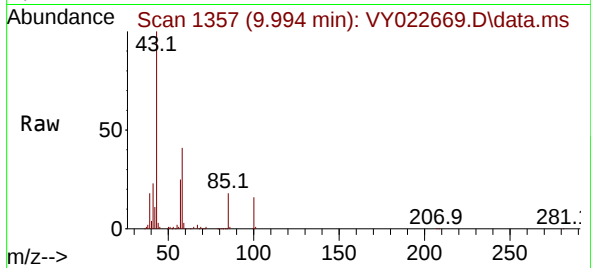




#51
4-Methyl-2-Pentanone
Concen: 98.094 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

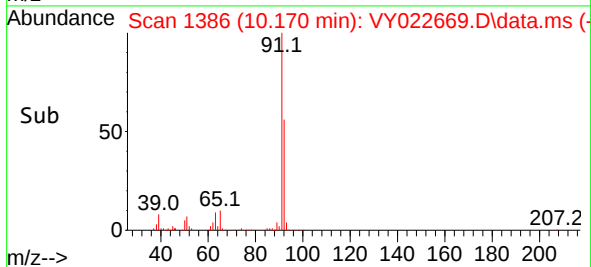
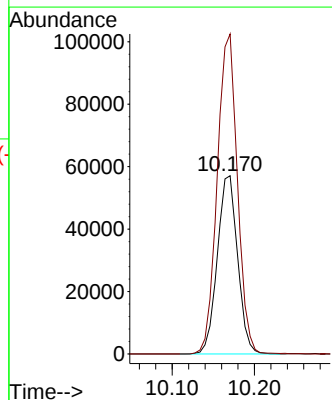
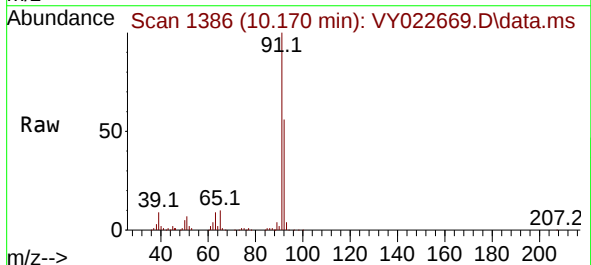
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

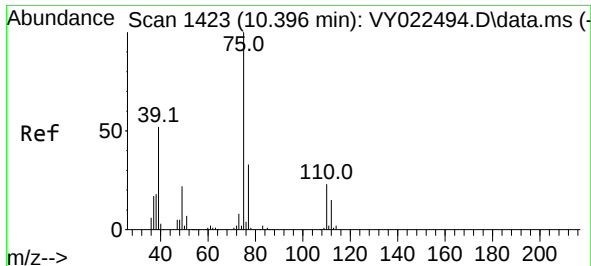
Tgt Ion: 43 Resp: 125186
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6



#52
Toluene
Concen: 19.854 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 92 Resp: 97942
Ion Ratio Lower Upper
92 100
91 178.8 139.0 208.4

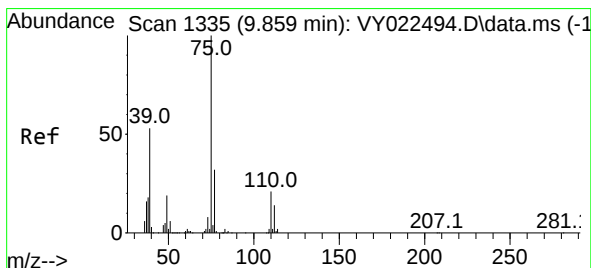
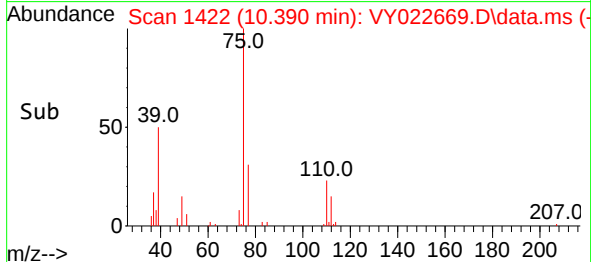
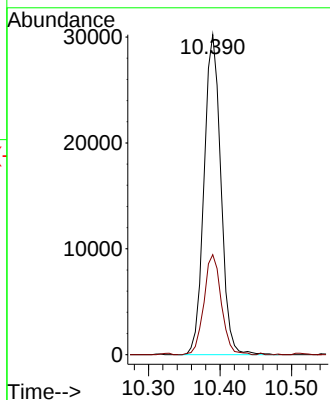
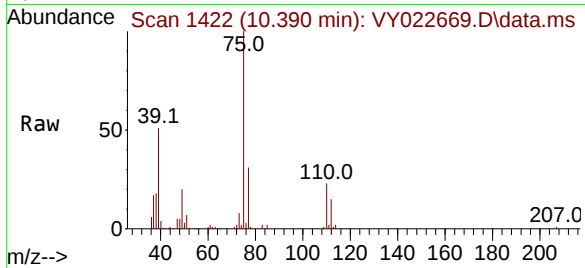




#53
t-1,3-Dichloropropene
Concen: 19.879 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

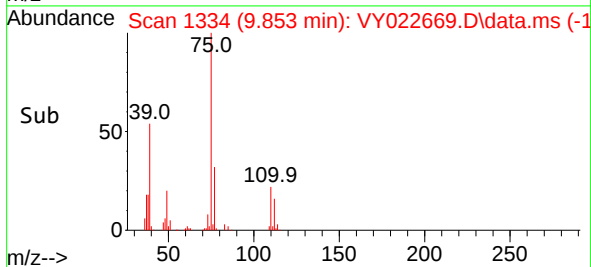
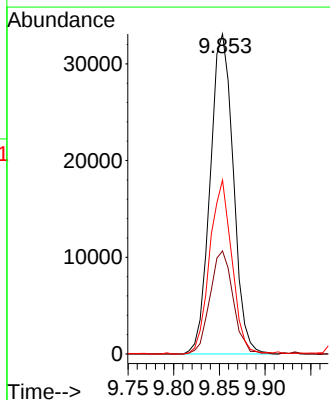
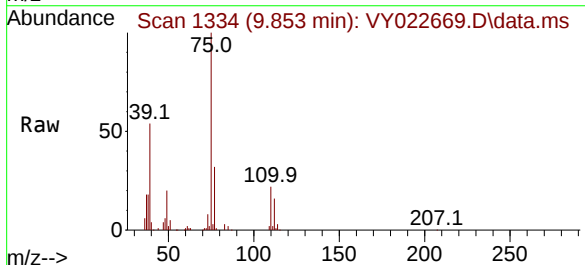
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

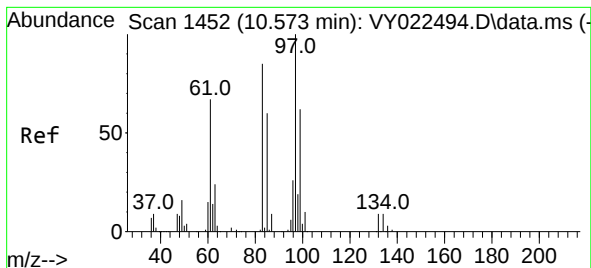
Tgt Ion: 75 Resp: 49292
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.179 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 75 Resp: 58245
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 54.4 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 20.962 ug/l

RT: 10.567 min Scan# 1452

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

Tgt Ion: 97 Resp: 27897

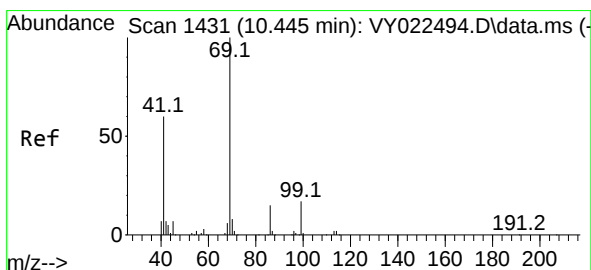
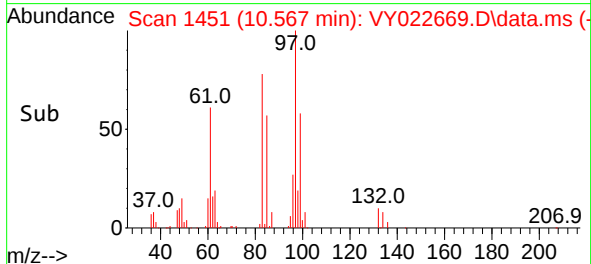
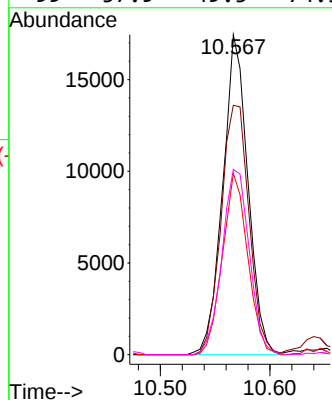
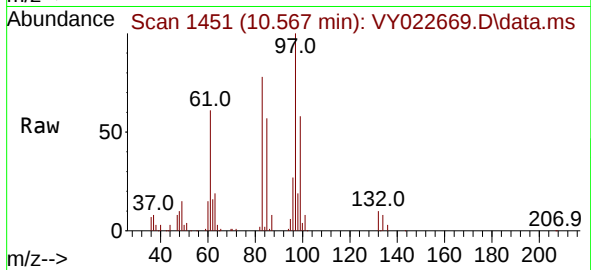
Ion Ratio Lower Upper

97 100

83 77.9 68.1 102.1

85 56.6 48.2 72.2

99 57.9 49.5 74.3



#56

Ethyl methacrylate

Concen: 19.562 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. -0.012 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

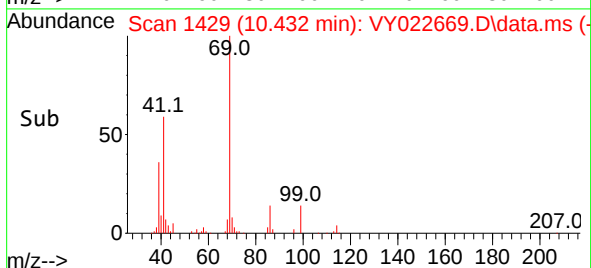
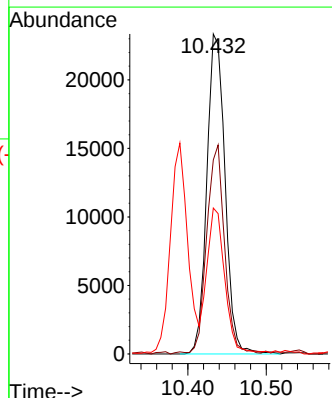
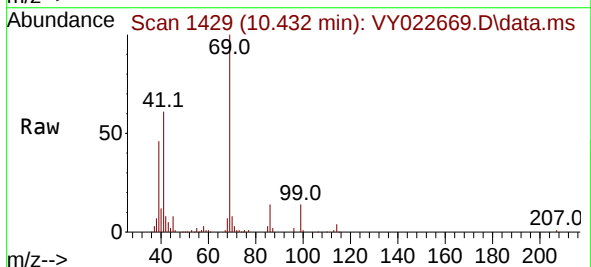
Tgt Ion: 69 Resp: 37627

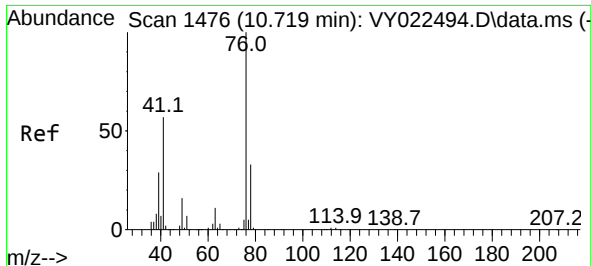
Ion Ratio Lower Upper

69 100

41 64.5 52.2 78.2

39 43.9 36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.247 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

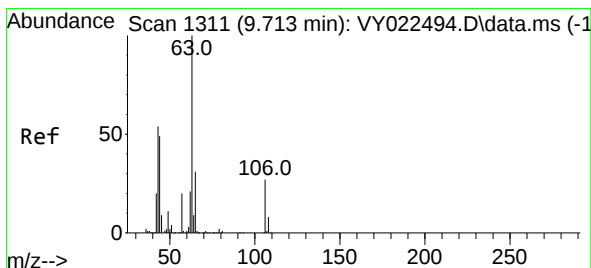
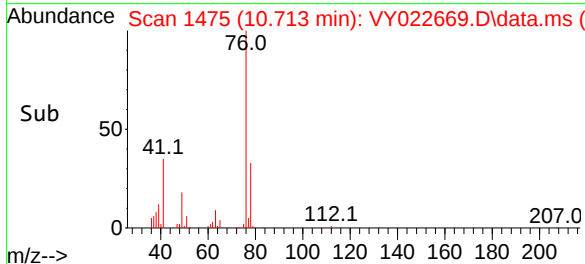
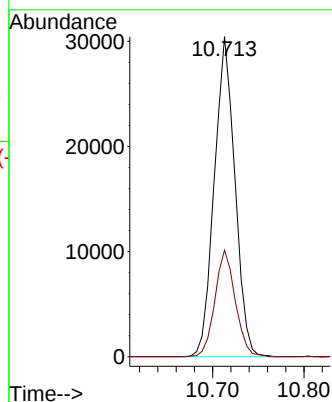
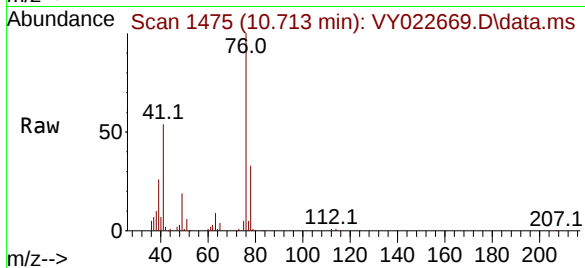
VY0612SBSD01

Tgt Ion: 76 Resp: 47758

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.491 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022669.D

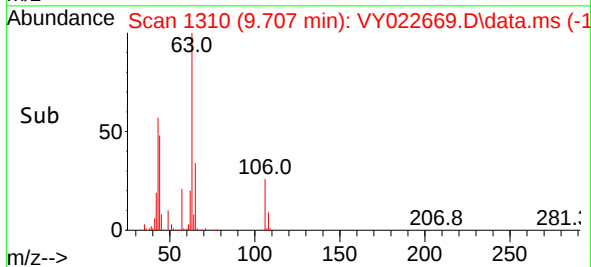
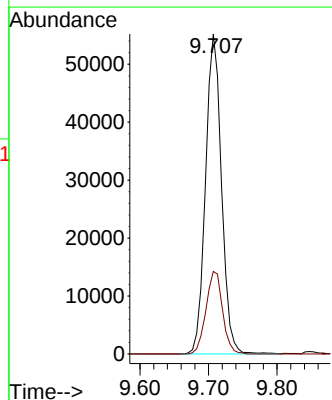
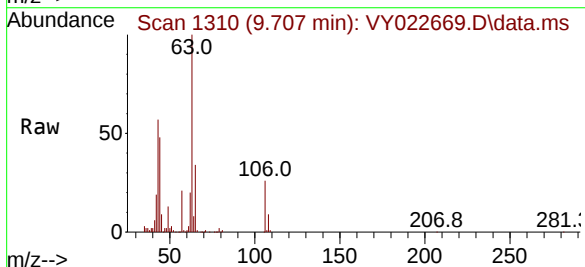
Acq: 12 Jun 2025 13:08

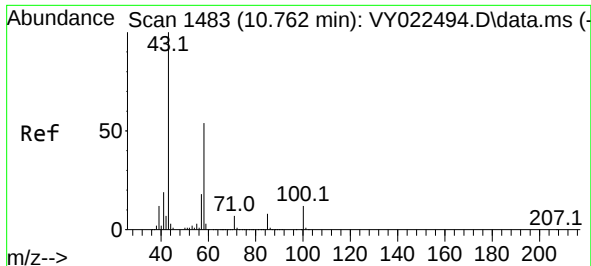
Tgt Ion: 63 Resp: 89506

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

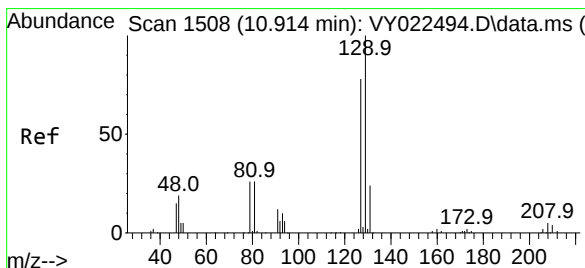
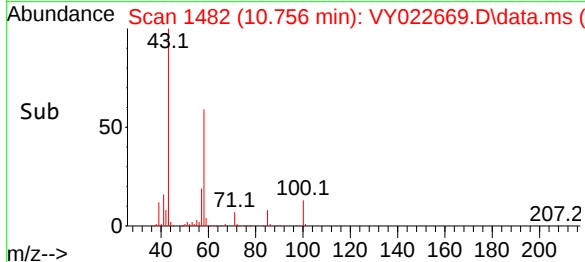
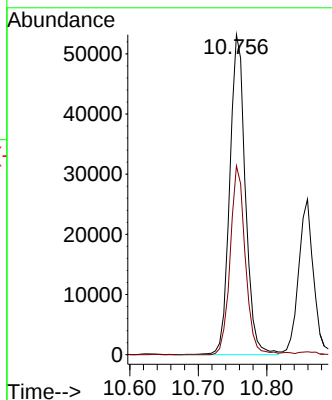
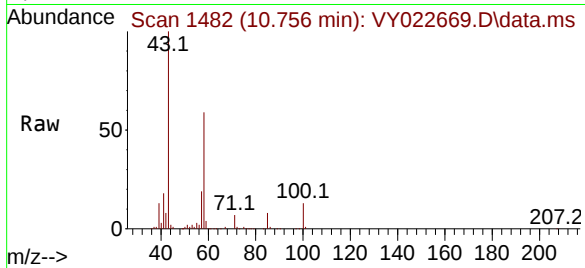




#59
2-Hexanone
Concen: 98.836 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

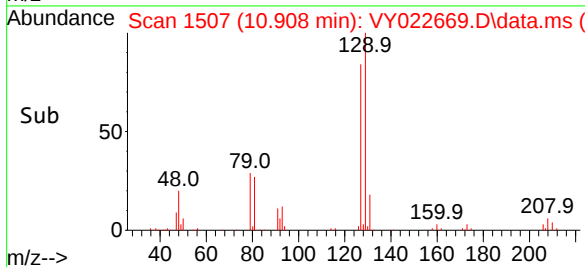
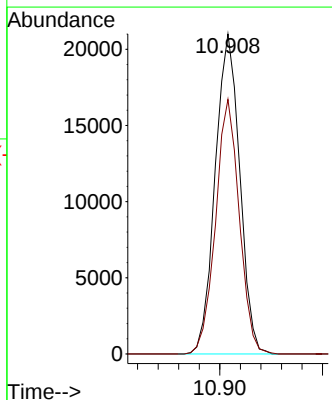
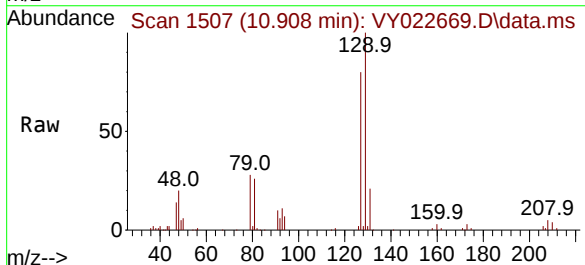
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

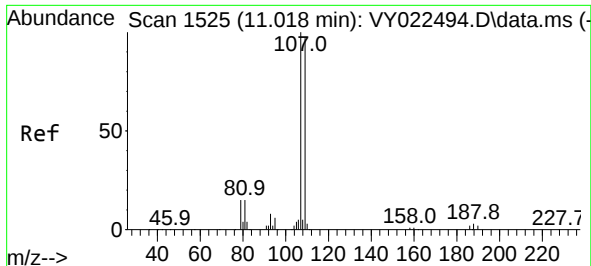
Tgt Ion: 43 Resp: 84357
Ion Ratio Lower Upper
43 100
58 56.9 27.3 81.8



#60
Dibromochloromethane
Concen: 20.575 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 129 Resp: 34798
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

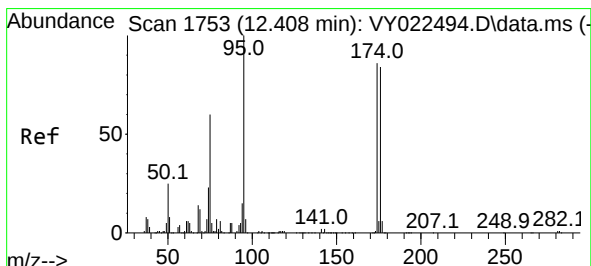
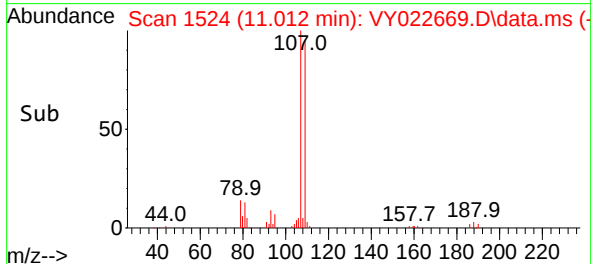
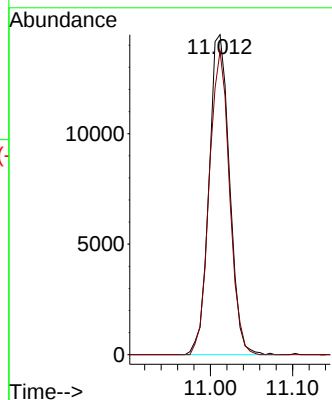
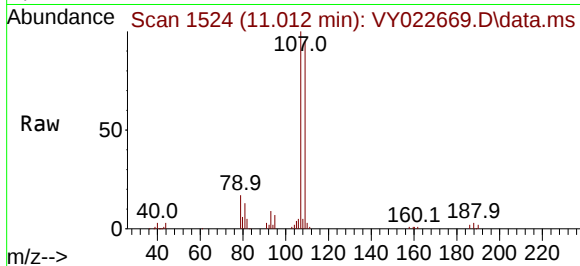




#61
1,2-Dibromoethane
Concen: 20.734 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

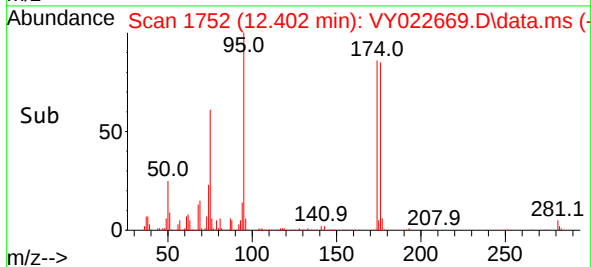
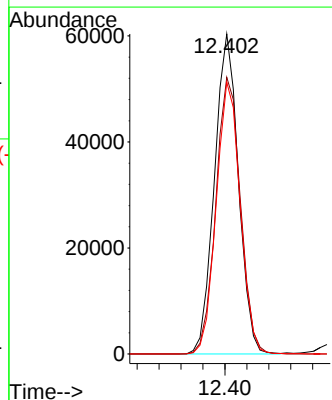
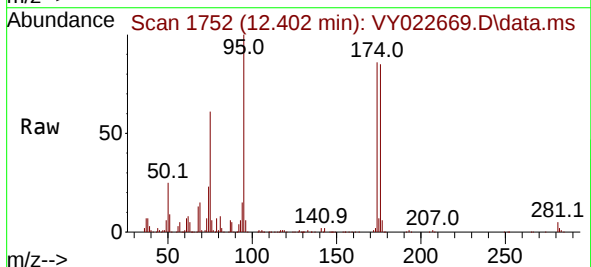
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

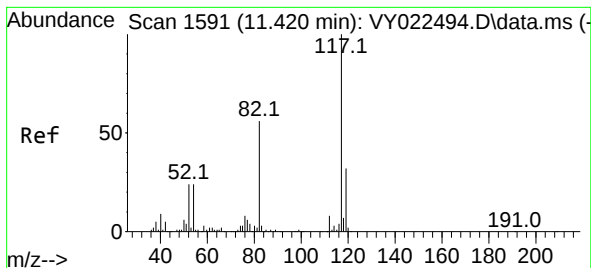
Tgt Ion:107 Resp: 25150
Ion Ratio Lower Upper
107 100
109 93.3 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 95 Resp: 91868
Ion Ratio Lower Upper
95 100
174 88.5 0.0 170.0
176 84.8 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: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

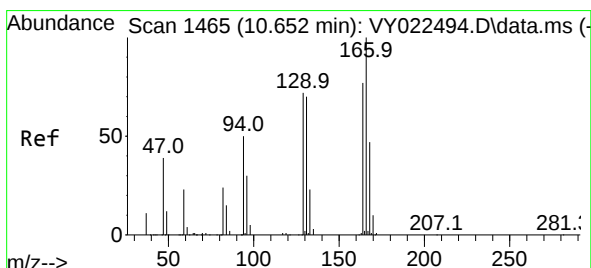
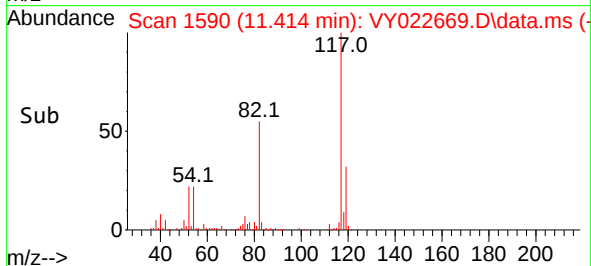
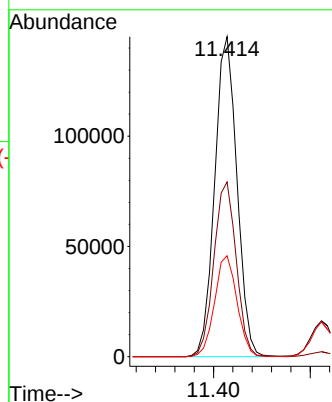
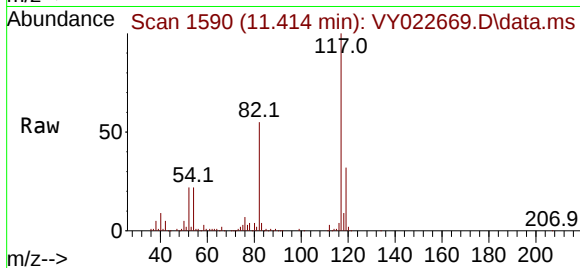
Tgt Ion:117 Resp: 231810

Ion Ratio Lower Upper

117 100

82 54.6 44.6 66.8

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 23.733 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Tgt Ion:164 Resp: 47325

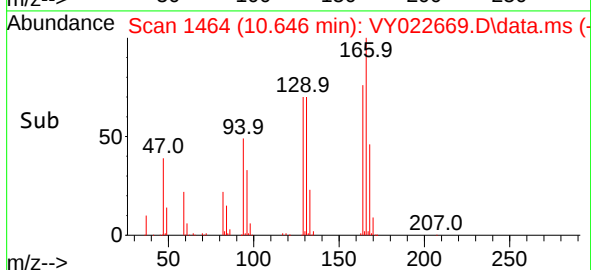
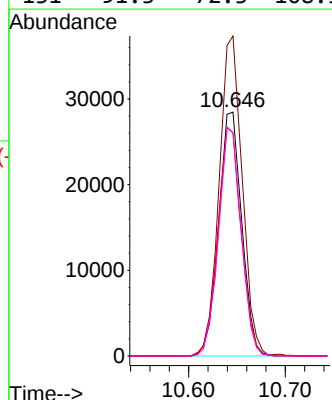
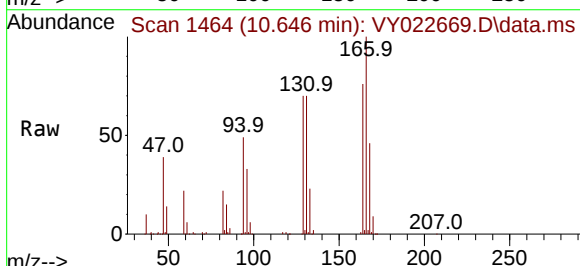
Ion Ratio Lower Upper

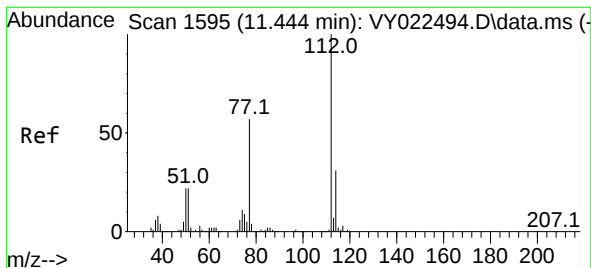
164 100

166 131.2 104.0 156.0

129 91.6 74.5 111.7

131 91.3 72.3 108.5

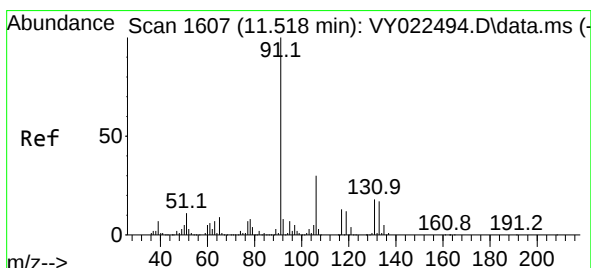
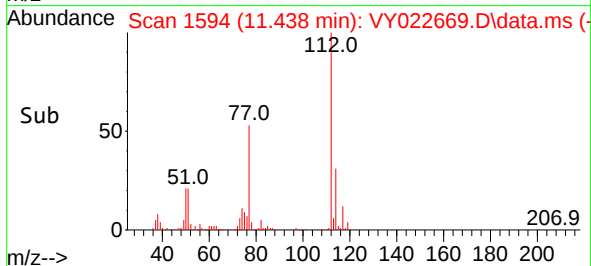
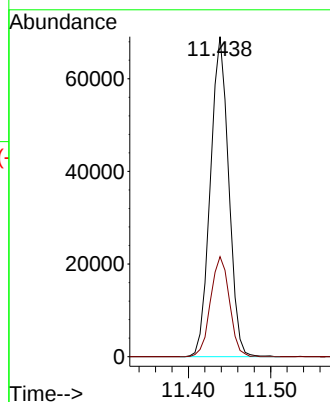
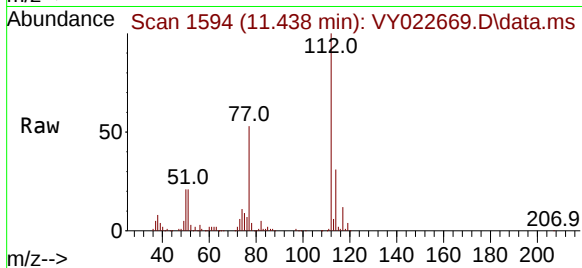




#65
Chlorobenzene
Concen: 20.843 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

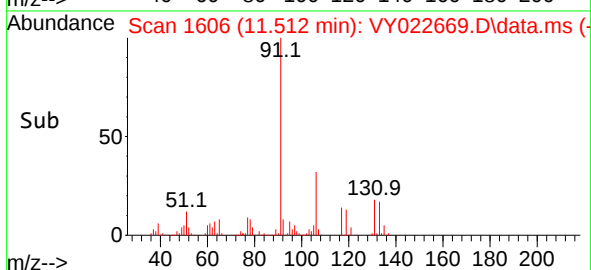
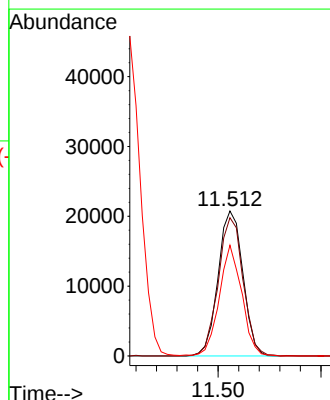
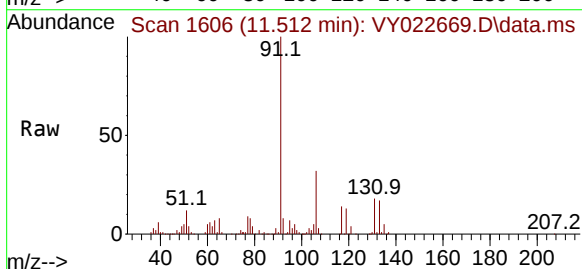
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

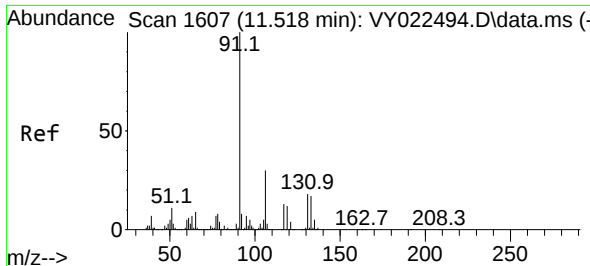
Tgt Ion:112 Resp: 106915
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.080 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion:131 Resp: 34700
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 69.4 33.1 99.3





#67

Ethyl Benzene

Concen: 19.844 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

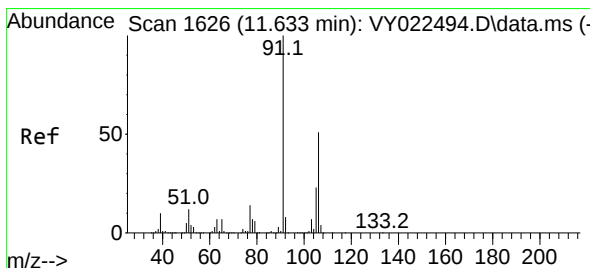
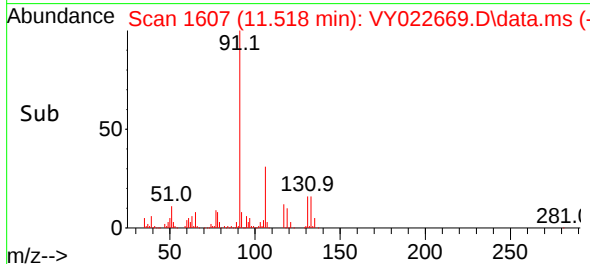
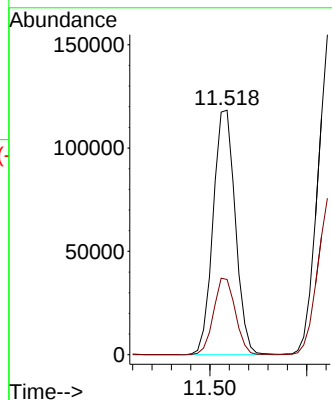
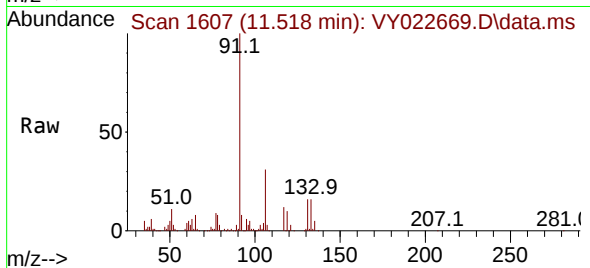
VY0612SBS01

Tgt Ion: 91 Resp: 188804

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.4



#68

m/p-Xylenes

Concen: 39.292 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022669.D

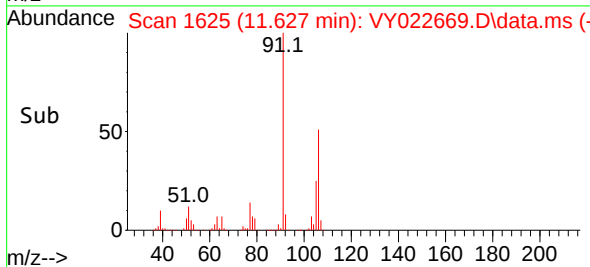
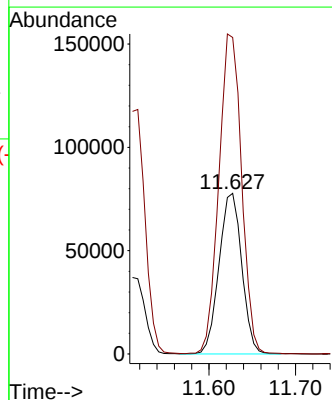
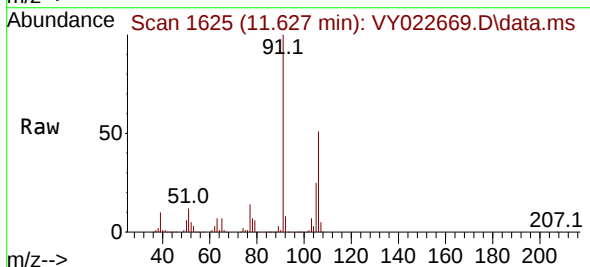
Acq: 12 Jun 2025 13:08

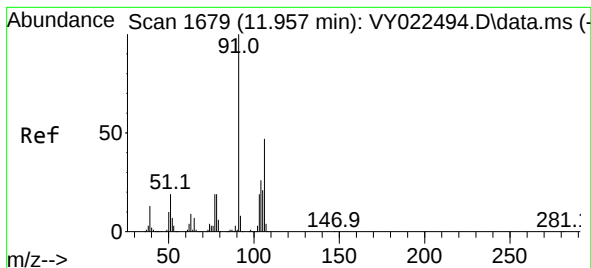
Tgt Ion: 106 Resp: 141719

Ion Ratio Lower Upper

106 100

91 199.4 159.4 239.0

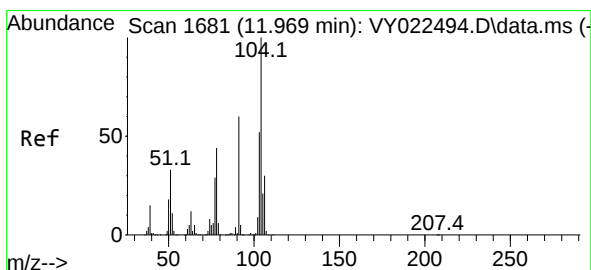
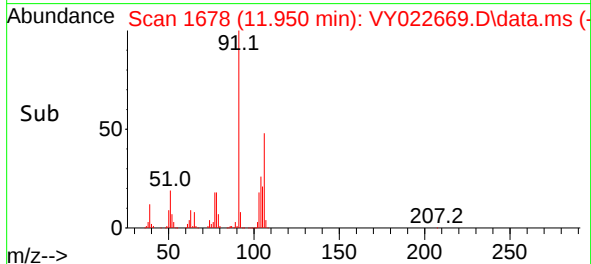
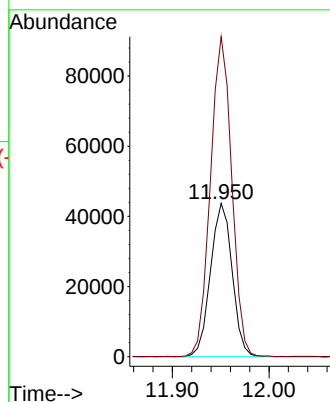
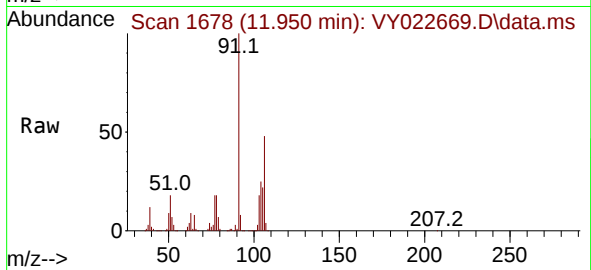




#69
o-Xylene
Concen: 20.070 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

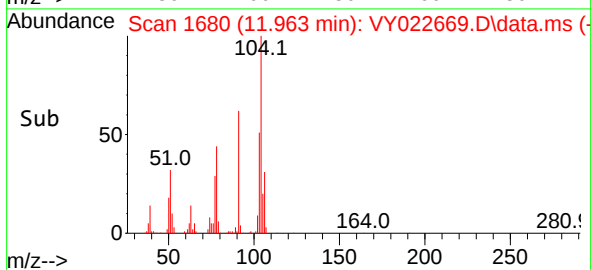
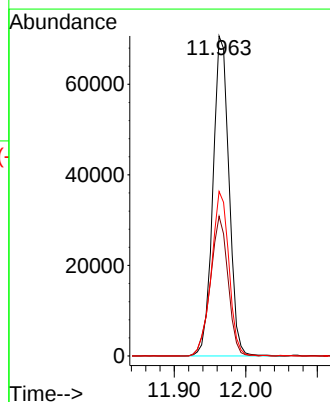
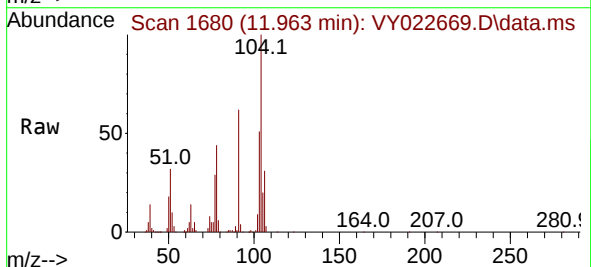
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

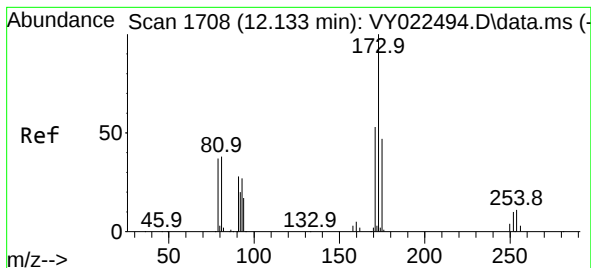
Tgt Ion:106 Resp: 67869
Ion Ratio Lower Upper
106 100
91 206.1 105.8 317.3



#70
Styrene
Concen: 19.738 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion:104 Resp: 110329
Ion Ratio Lower Upper
104 100
78 47.8 39.5 59.3
103 56.3 44.1 66.1





#71

Bromoform

Concen: 19.771 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

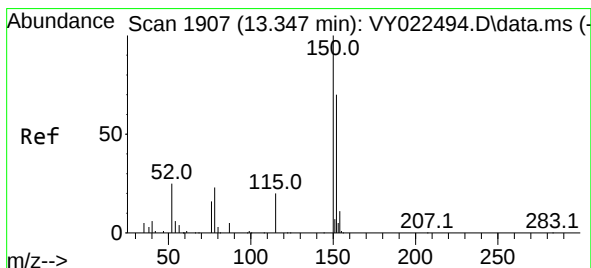
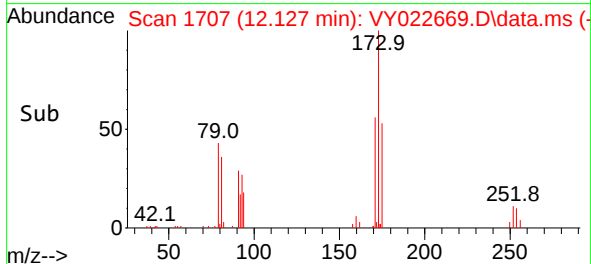
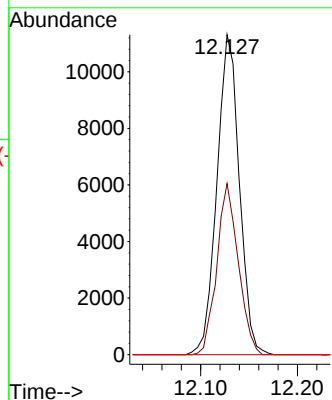
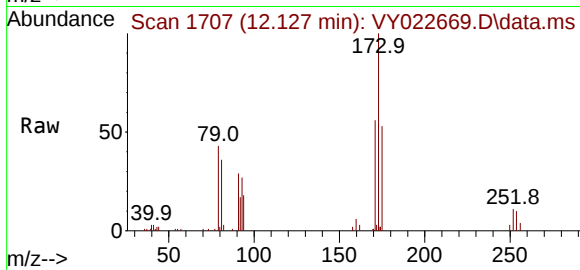
Tgt Ion:173 Resp: 18181

Ion Ratio Lower Upper

173 100

175 51.2 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

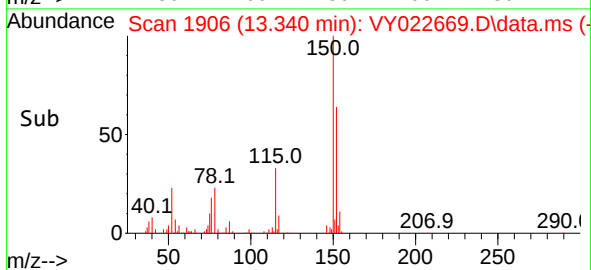
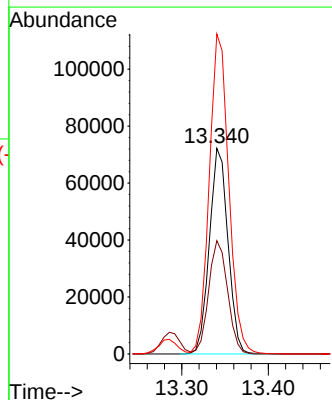
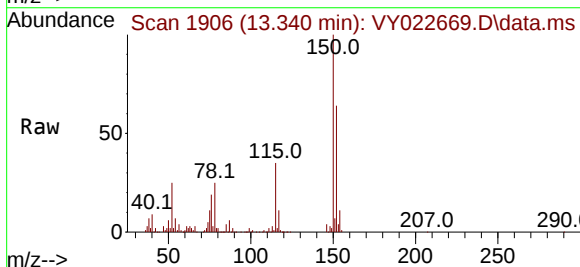
Tgt Ion:152 Resp: 107745

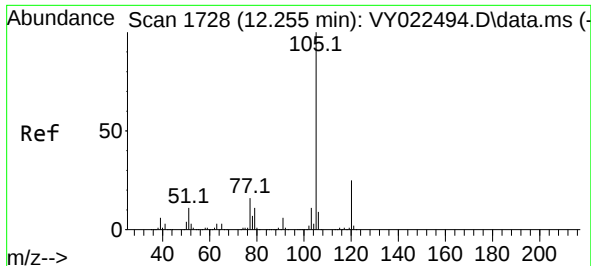
Ion Ratio Lower Upper

152 100

115 56.0 28.9 86.7

150 163.2 0.0 349.6

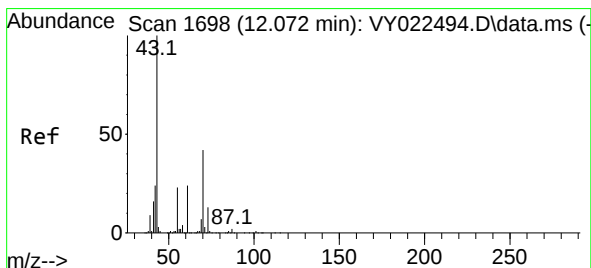
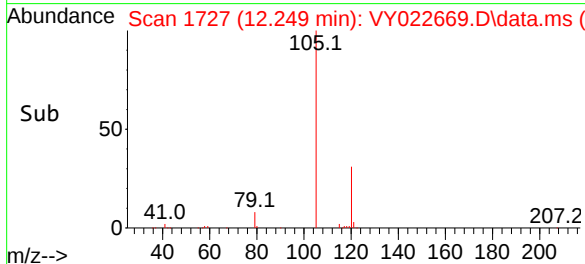
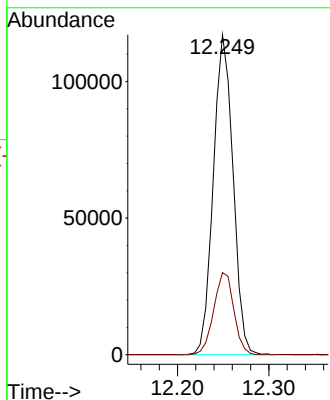
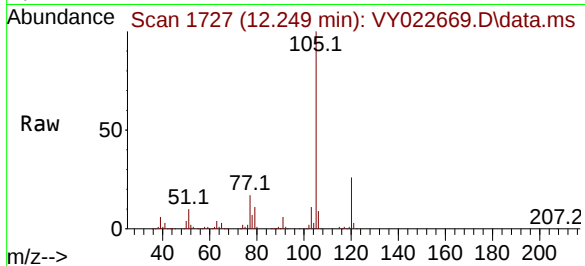




#73
Isopropylbenzene
Concen: 19.838 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

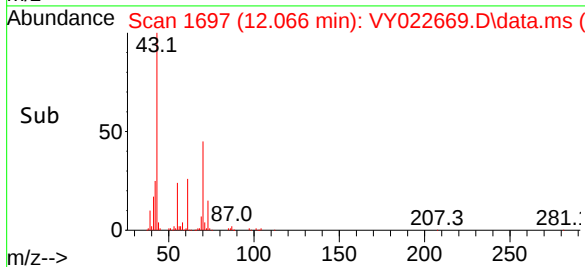
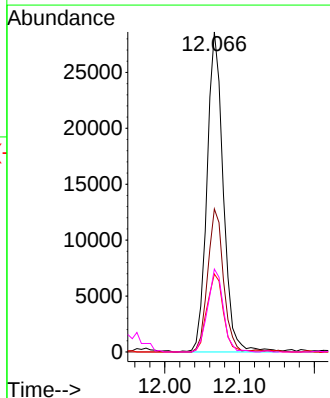
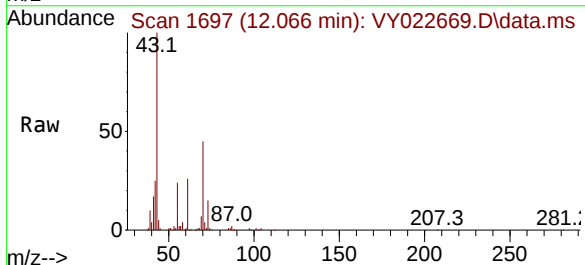
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

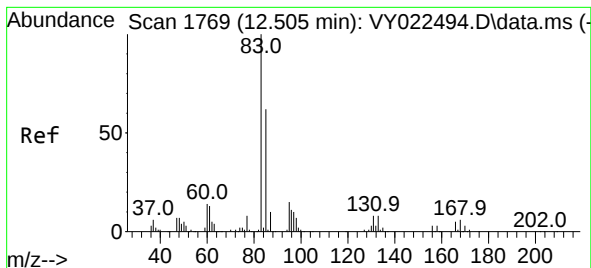
Tgt Ion:105 Resp: 175482
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 19.393 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 43 Resp: 43285
Ion Ratio Lower Upper
43 100
70 43.4 34.2 51.2
55 24.7 18.2 27.4
61 24.8 19.0 28.6

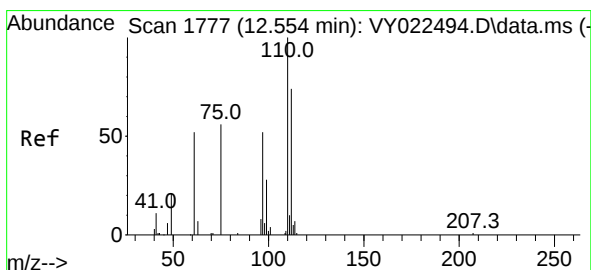
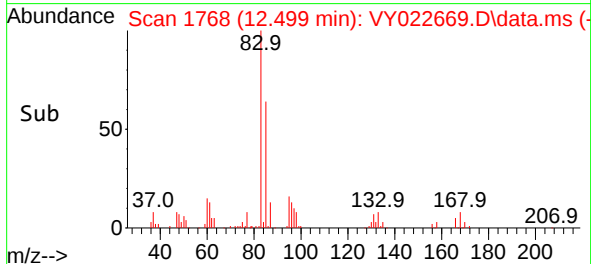
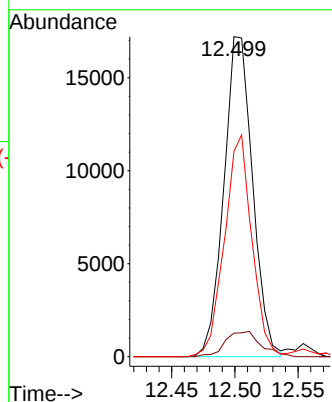
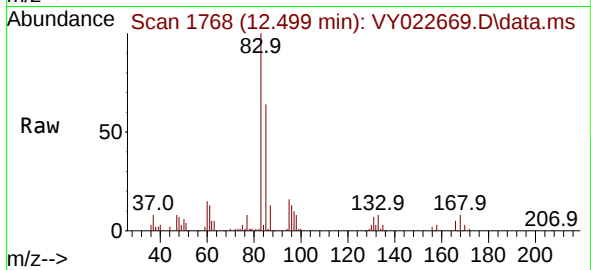




#75
 1,1,2-Tetrachloroethane
 Concen: 18.748 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: VY022669.D
 Acq: 12 Jun 2025 13:08

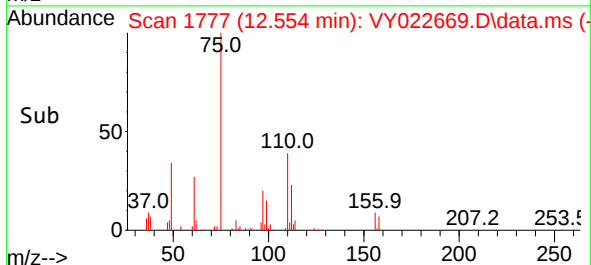
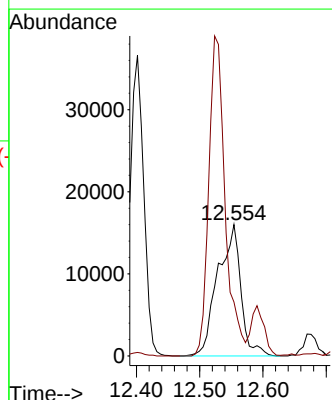
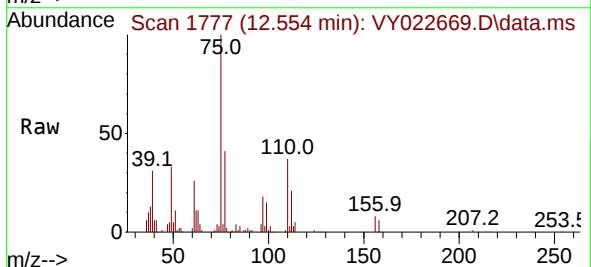
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBSD01

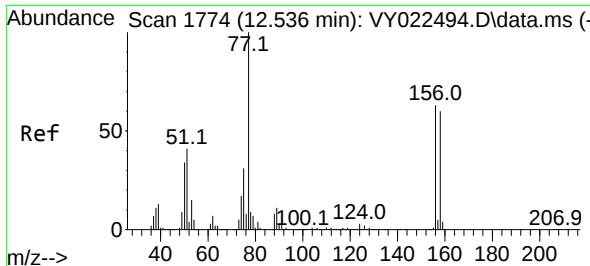
Tgt Ion: 83 Resp: 27219
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 66.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 32.946 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022669.D
 Acq: 12 Jun 2025 13:08

Tgt Ion: 75 Resp: 40611
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

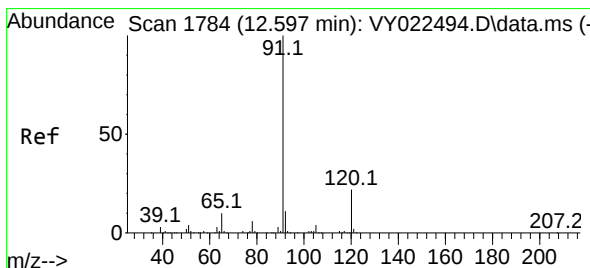
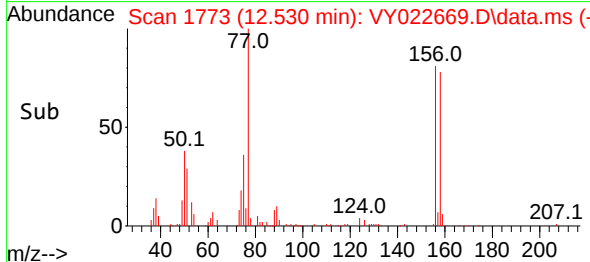
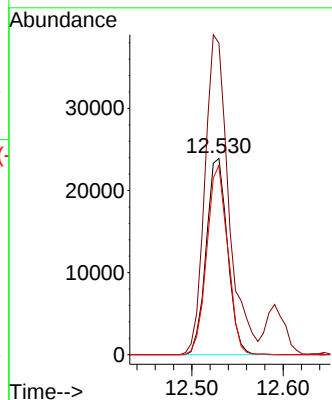
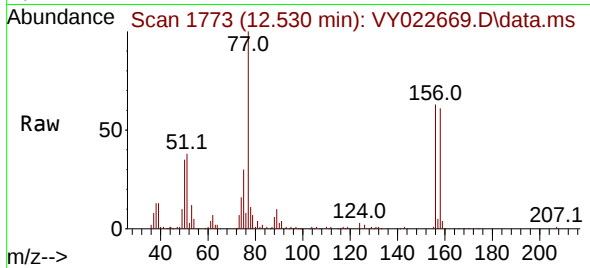




#77
Bromobenzene
Concen: 20.679 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

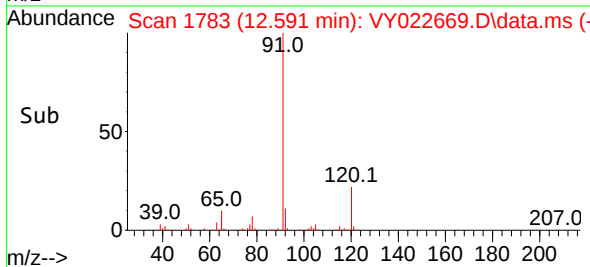
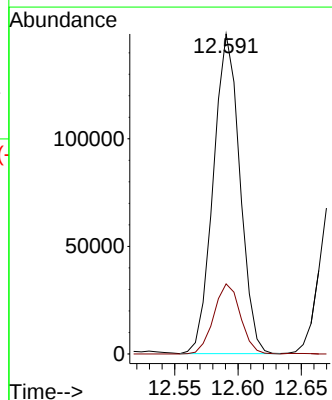
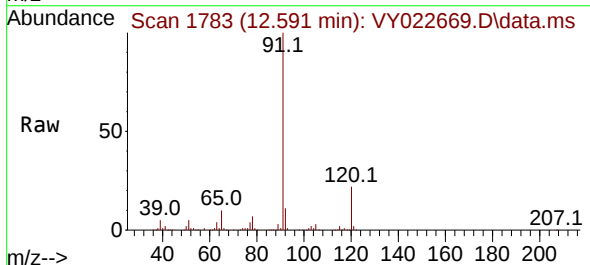
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

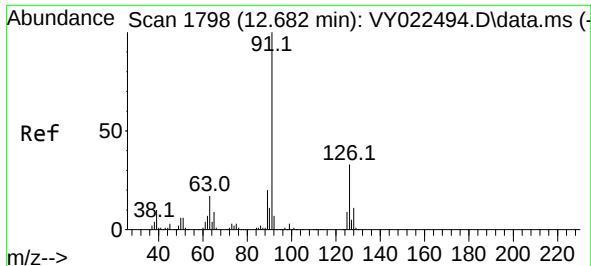
Tgt Ion:156 Resp: 38602
Ion Ratio Lower Upper
156 100
77 182.4 94.0 282.1
158 94.7 48.2 144.6



#78
n-propylbenzene
Concen: 20.071 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 91 Resp: 216849
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4

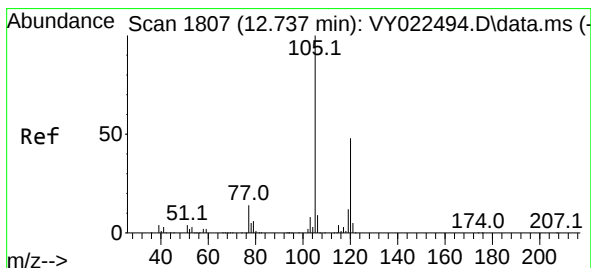
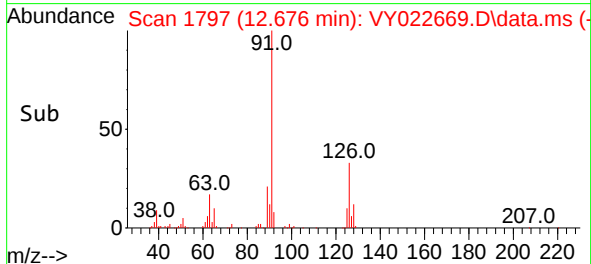
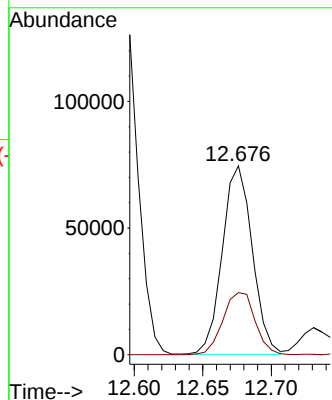
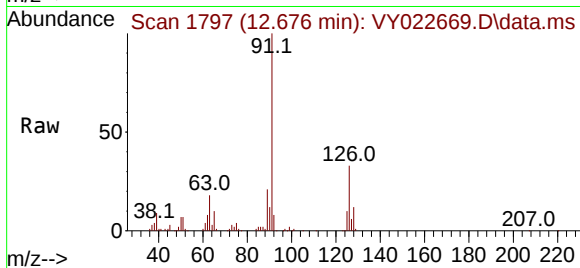




#79
2-Chlorotoluene
Concen: 19.809 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

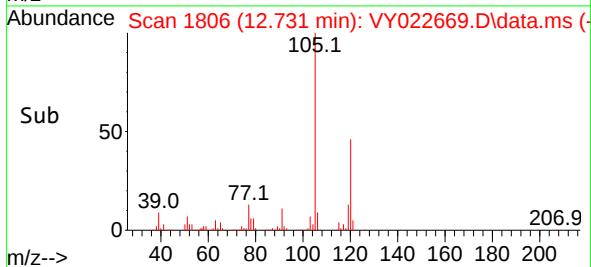
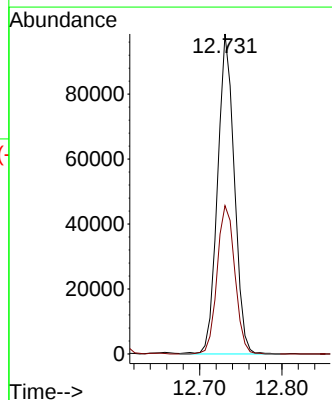
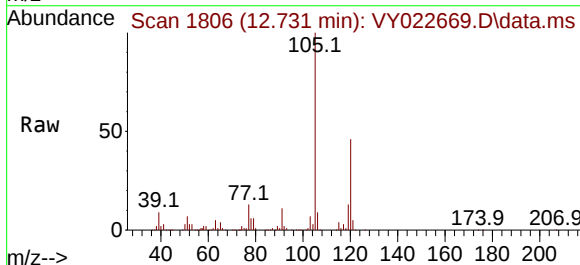
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

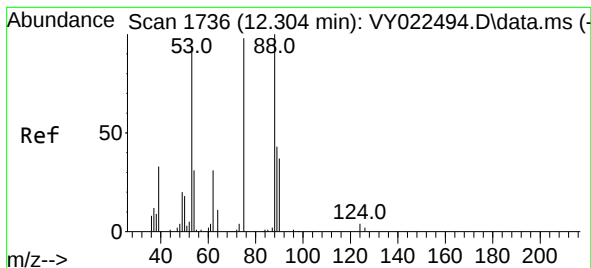
Tgt Ion: 91 Resp: 113432
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.013 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 105 Resp: 138986
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4

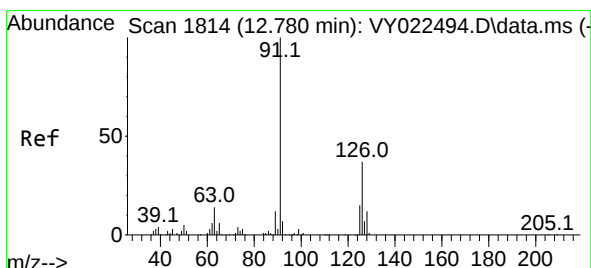
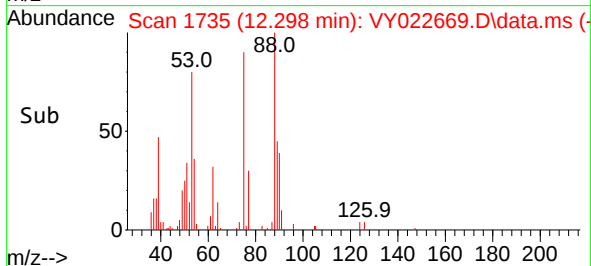
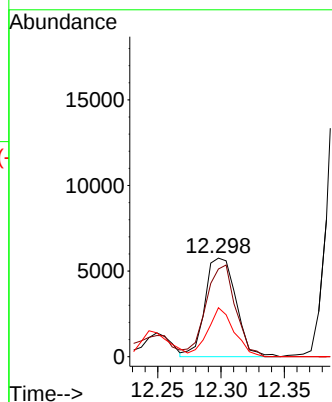
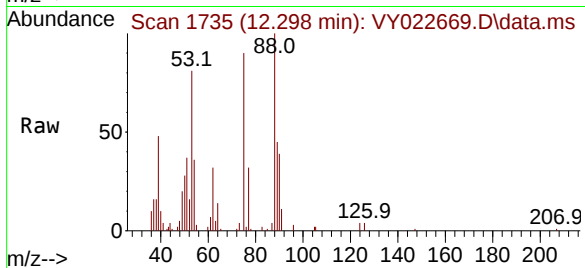




#81
trans-1,4-Dichloro-2-butene
Concen: 19.170 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

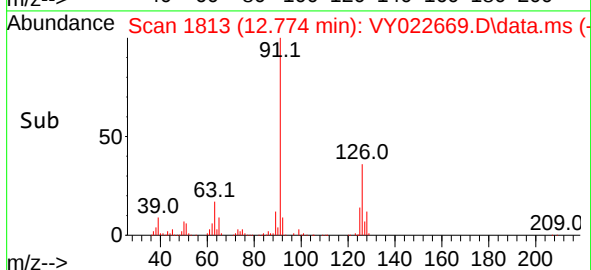
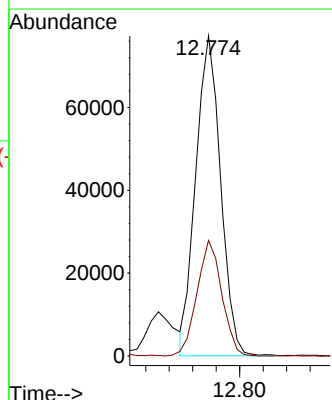
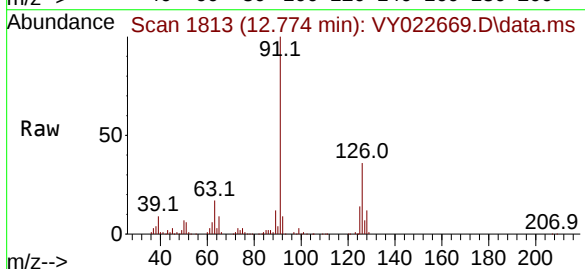
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

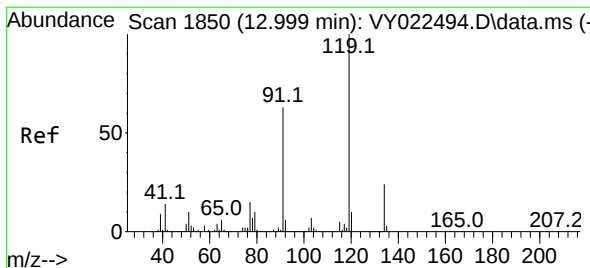
Tgt Ion: 75 Resp: 9785
Ion Ratio Lower Upper
75 100
53 89.9 78.5 117.7
89 42.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.176 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion: 91 Resp: 113279
Ion Ratio Lower Upper
91 100
126 36.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.108 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

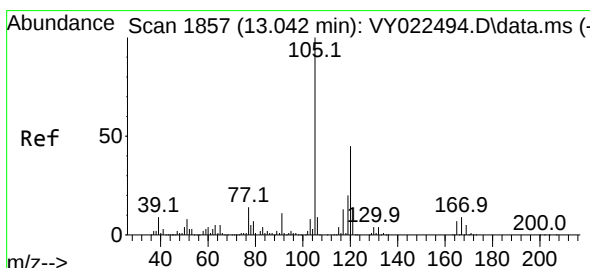
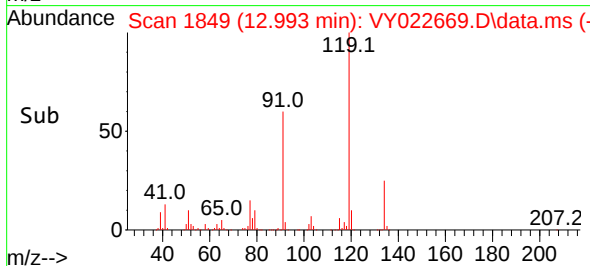
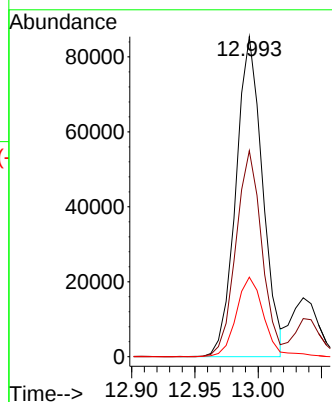
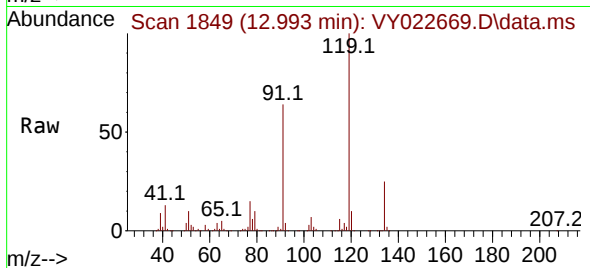
Tgt Ion:119 Resp: 125334

Ion Ratio Lower Upper

119 100

91 62.7 32.1 96.3

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.971 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022669.D

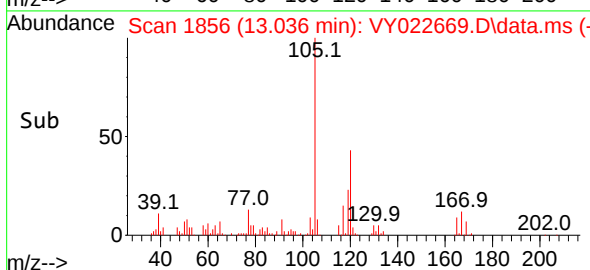
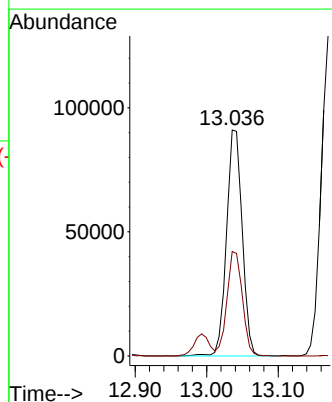
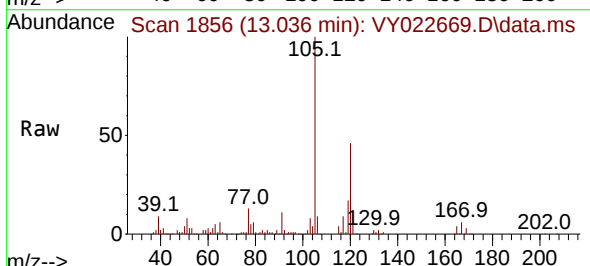
Acq: 12 Jun 2025 13:08

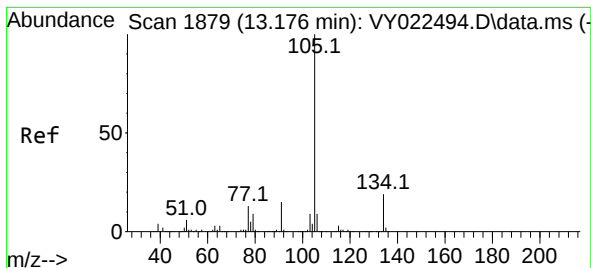
Tgt Ion:105 Resp: 138715

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.034 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

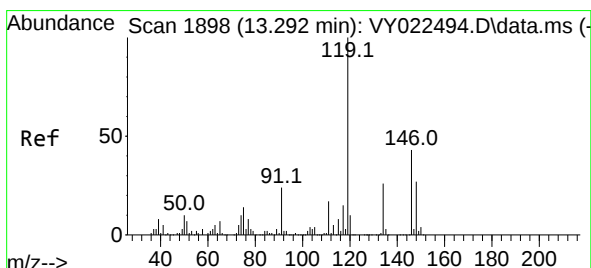
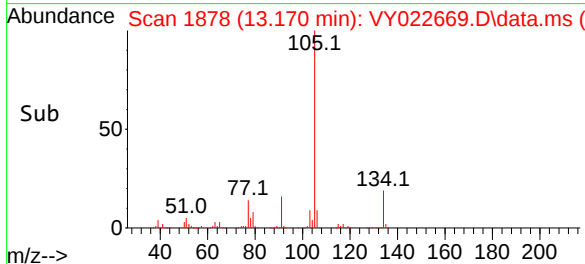
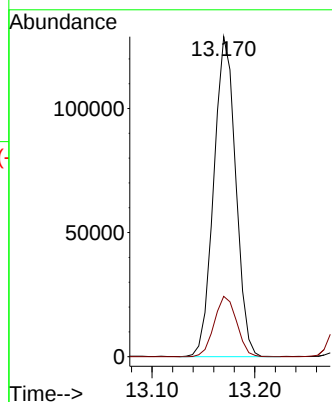
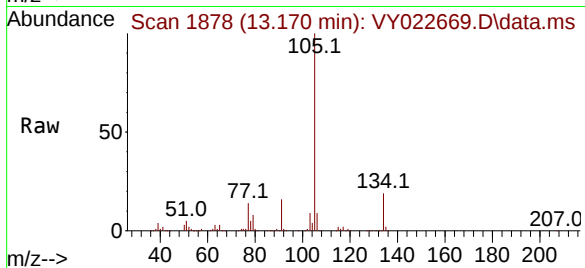
VY0612SBS01

Tgt Ion:105 Resp: 191245

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.712 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

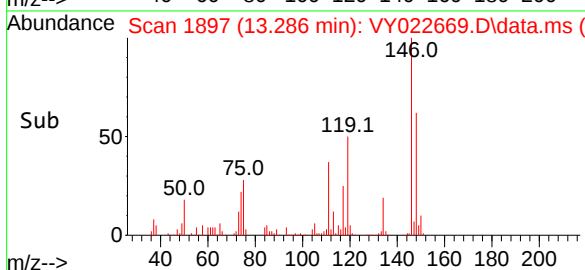
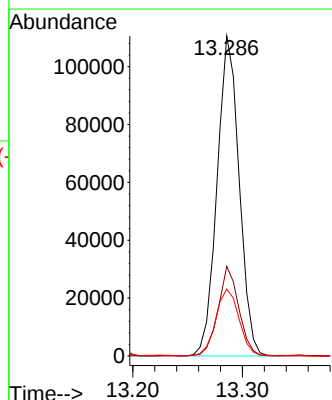
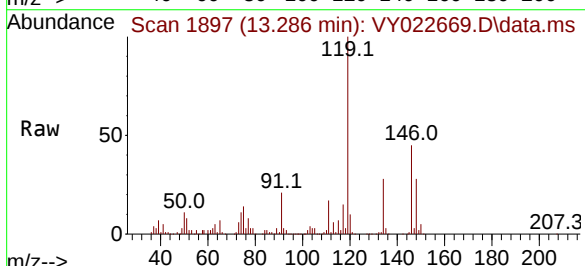
Tgt Ion:119 Resp: 155107

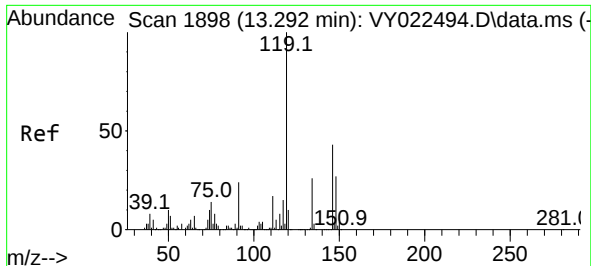
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 21.9 11.6 34.8

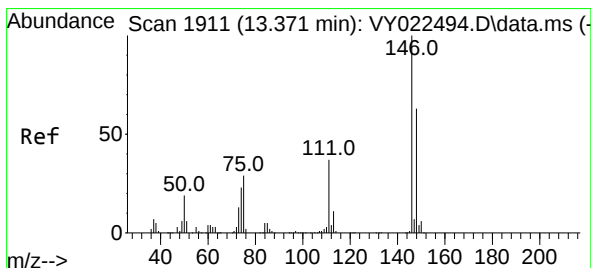
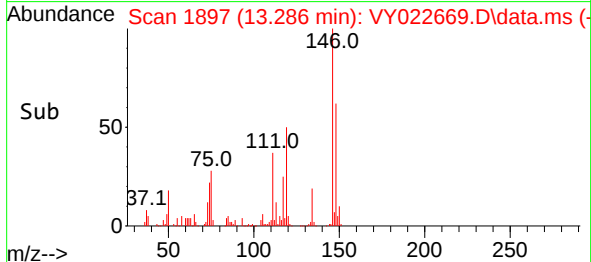
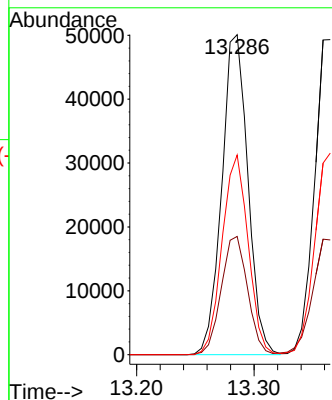
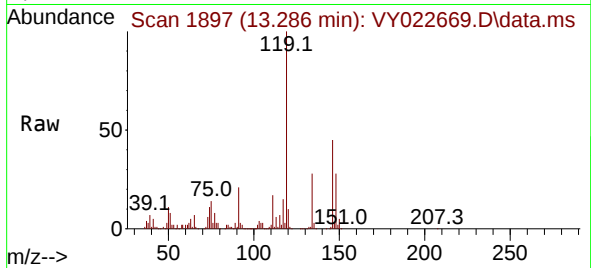




#87
1,3-Dichlorobenzene
Concen: 20.481 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

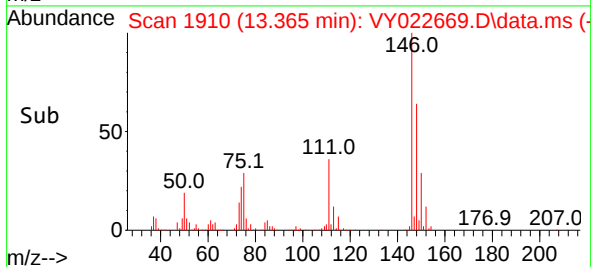
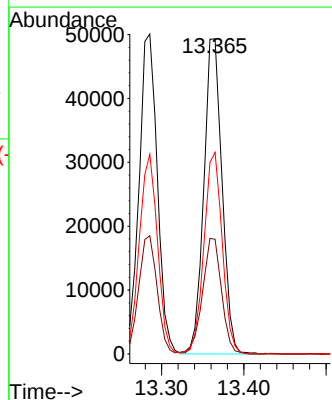
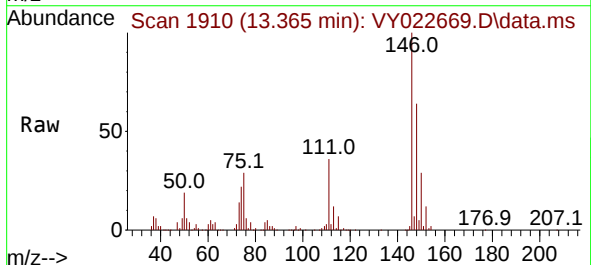
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

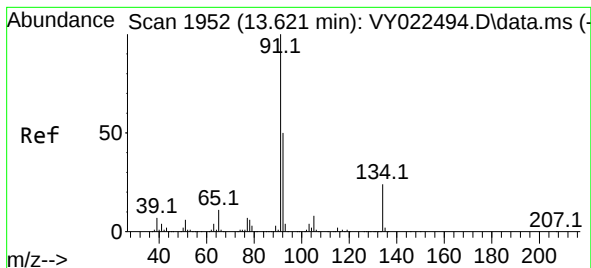
Tgt Ion:146 Resp: 77461
Ion Ratio Lower Upper
146 100
111 37.3 20.1 60.2
148 62.1 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 20.708 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion:146 Resp: 75964
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 20.157 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBS01

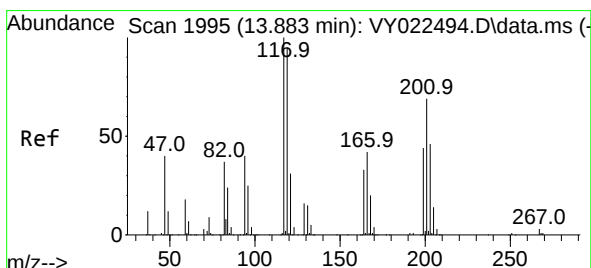
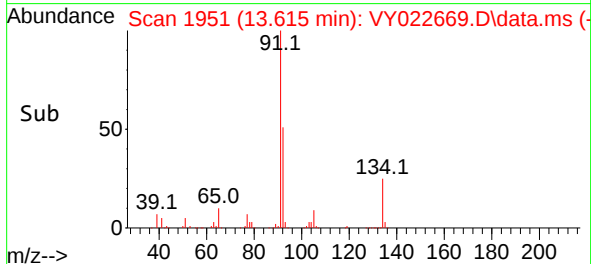
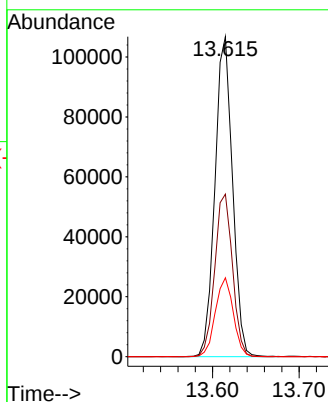
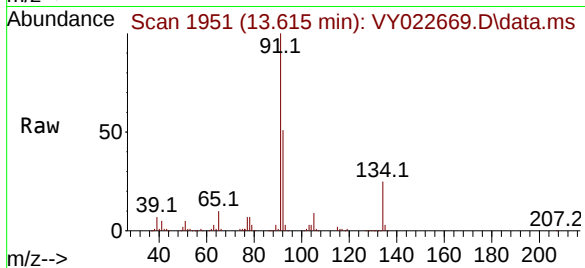
Tgt Ion: 91 Resp: 150484

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

134 25.2 12.0 36.1



#90

Hexachloroethane

Concen: 20.133 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022669.D

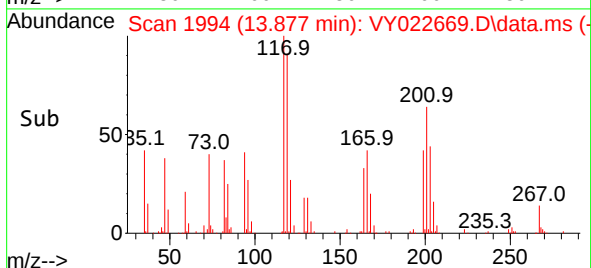
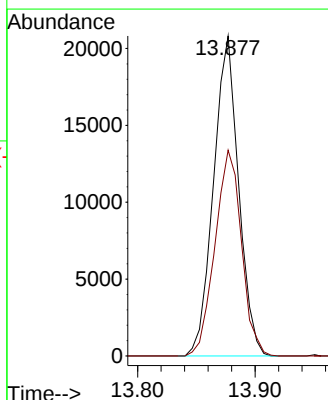
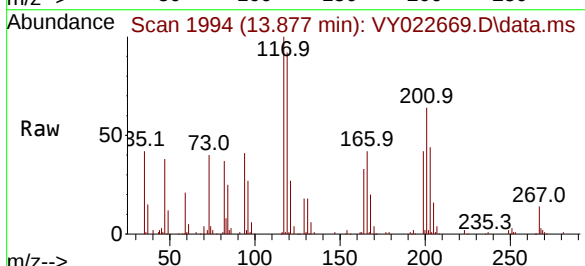
Acq: 12 Jun 2025 13:08

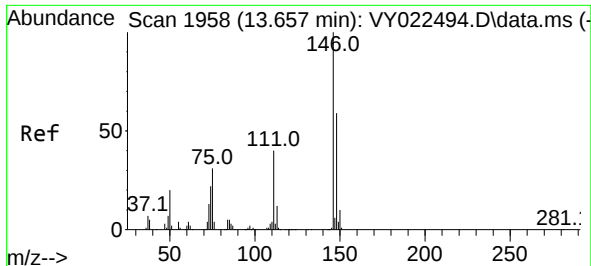
Tgt Ion: 117 Resp: 30842

Ion Ratio Lower Upper

117 100

201 68.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.877 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

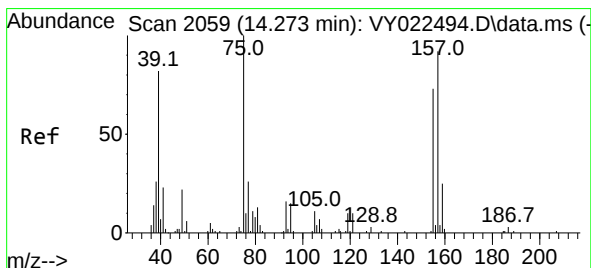
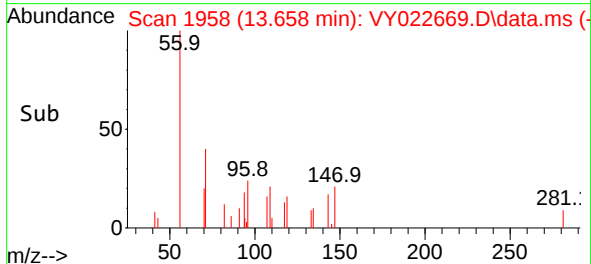
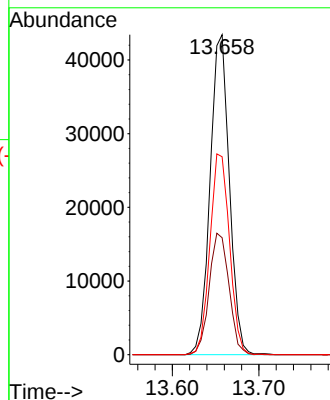
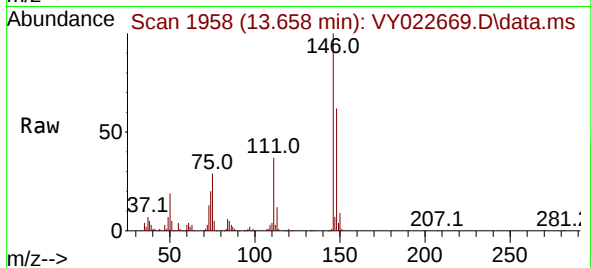
Tgt Ion:146 Resp: 67039

Ion Ratio Lower Upper

146 100

111 39.2 20.2 60.6

148 63.9 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.525 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

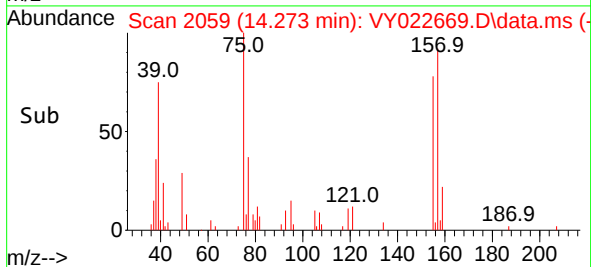
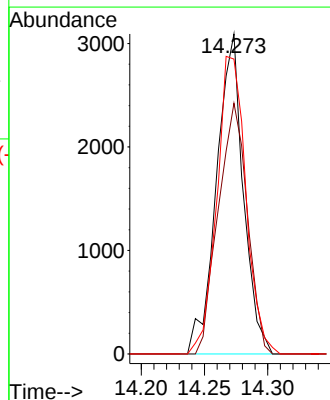
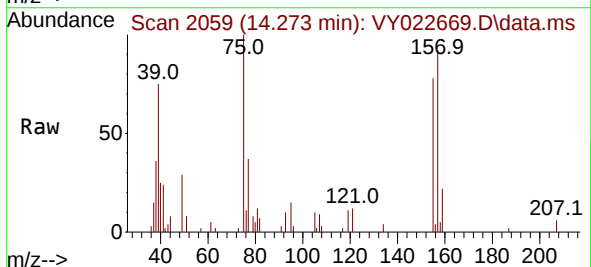
Tgt Ion: 75 Resp: 4550

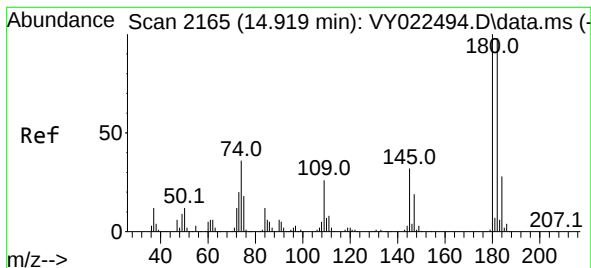
Ion Ratio Lower Upper

75 100

155 84.9 39.9 119.6

157 100.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 22.397 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBSD01

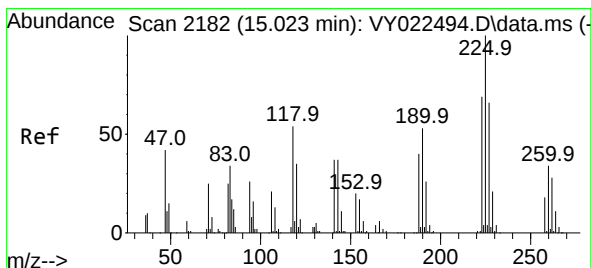
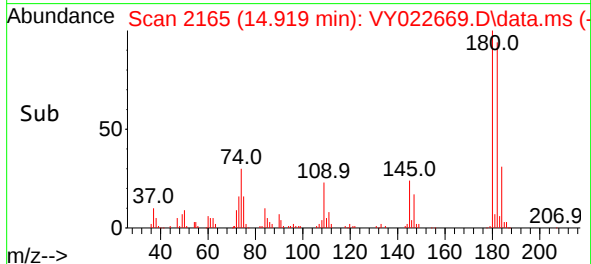
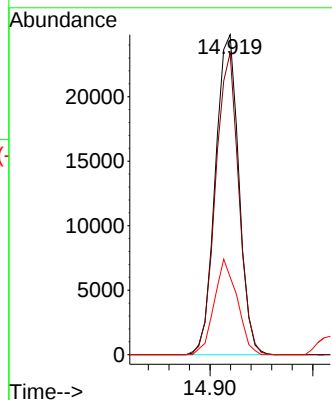
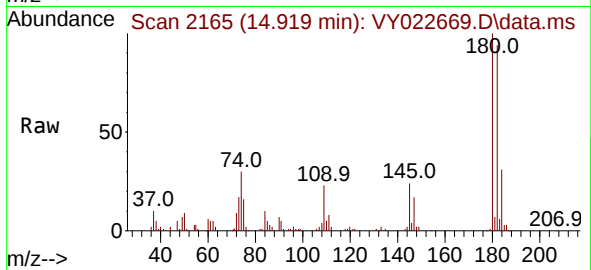
Tgt Ion:180 Resp: 39224

Ion Ratio Lower Upper

180 100

182 93.1 48.4 145.3

145 29.3 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.718 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022669.D

Acq: 12 Jun 2025 13:08

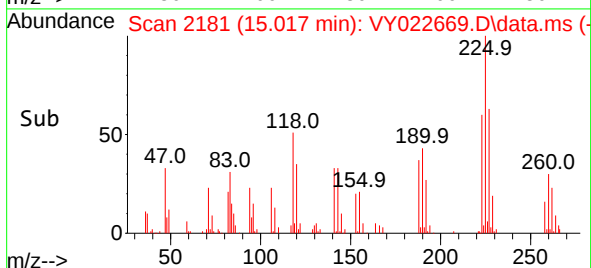
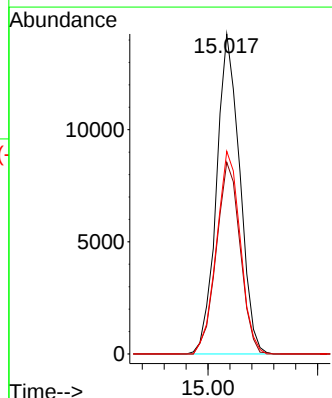
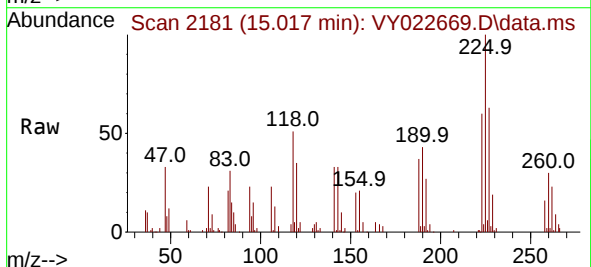
Tgt Ion:225 Resp: 20993

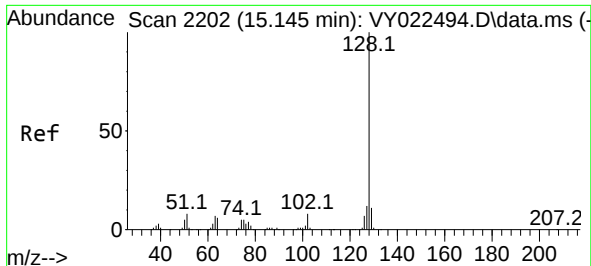
Ion Ratio Lower Upper

225 100

223 61.4 32.5 97.4

227 65.0 32.3 96.9

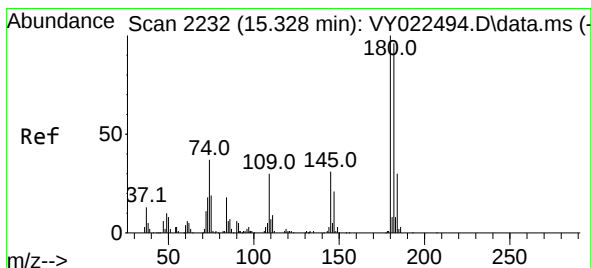
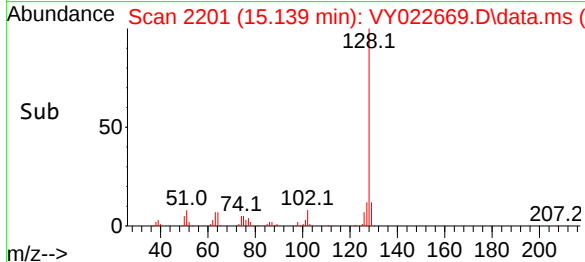
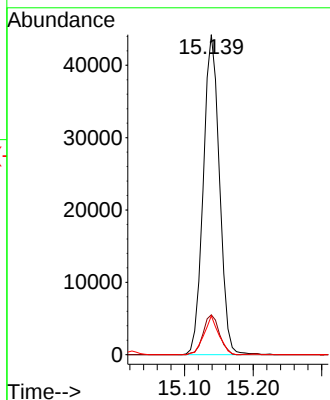
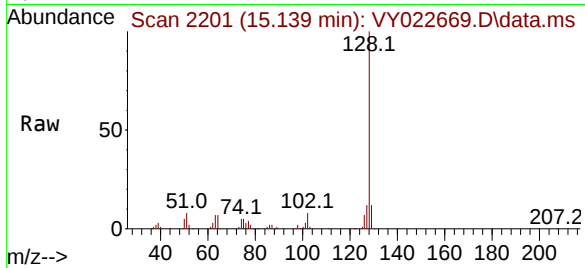




#95
Naphthalene
Concen: 21.645 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

Tgt Ion:128 Resp: 72744
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.438 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022669.D
Acq: 12 Jun 2025 13:08

Tgt Ion:180 Resp: 33677
Ion Ratio Lower Upper
180 100
182 91.1 47.1 141.3
145 30.0 15.2 45.6

