

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022617.D
 Acq On : 09 Jun 2025 09:51
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 01:25:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	181021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	303015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	260182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	101087	49.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.640	113	93246	51.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.109	98	373595	51.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.408	95	108918	50.021	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36630	22.602	ug/l	98
3) Chloromethane	2.074	50	90028	18.803	ug/l	98
4) Vinyl Chloride	2.208	62	122611	22.075	ug/l	97
5) Bromomethane	2.592	94	114446	21.498	ug/l	99
6) Chloroethane	2.739	64	87927	23.064	ug/l	99
7) Trichlorofluoromethane	3.056	101	107013	22.695	ug/l	100
8) Diethyl Ether	3.464	74	22250	20.953	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	43524	21.916	ug/l	99
10) Methyl Iodide	4.007	142	41363	19.246	ug/l	98
11) Tert butyl alcohol	4.872	59	15563	107.624	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	40830	21.509	ug/l	99
13) Acrolein	3.659	56	15681	87.013	ug/l	98
14) Allyl chloride	4.391	41	62884	21.101	ug/l	99
15) Acrylonitrile	5.061	53	48641	108.157	ug/l	98
16) Acetone	3.873	43	45513	110.691	ug/l	96
17) Carbon Disulfide	4.110	76	127799	21.028	ug/l	97
18) Methyl Acetate	4.397	43	26951	22.135	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	110856	20.733	ug/l	99
20) Methylene Chloride	4.622	84	50869	21.780	ug/l	92
21) trans-1,2-Dichloroethene	5.122	96	46208	21.749	ug/l	89
22) Diisopropyl ether	6.025	45	139842	21.082	ug/l	95
23) Vinyl Acetate	5.964	43	413359	105.284	ug/l	99
24) 1,1-Dichloroethane	5.921	63	84945	21.737	ug/l	99
25) 2-Butanone	6.896	43	66573	112.248	ug/l	94
26) 2,2-Dichloropropane	6.890	77	74148	21.475	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	53236	21.679	ug/l	97
28) Bromochloromethane	7.250	49	37520	22.026	ug/l	98
29) Tetrahydrofuran	7.268	42	41439	108.330	ug/l	98
30) Chloroform	7.421	83	85970	22.211	ug/l	96
31) Cyclohexane	7.701	56	79536	20.444	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	74231	21.604	ug/l	98
36) 1,1-Dichloropropene	7.841	75	63204	21.532	ug/l	99
37) Ethyl Acetate	6.988	43	28128	21.487	ug/l	99
38) Carbon Tetrachloride	7.823	117	65109	21.621	ug/l	95
39) Methylcyclohexane	9.109	83	83062	21.056	ug/l	98
40) Benzene	8.085	78	189895	21.903	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	15161	19.828	ug/l	95
42) 1,2-Dichloroethane	8.164	62	52131	22.021	ug/l	99
43) Isopropyl Acetate	8.201	43	62073	21.956	ug/l	98
44) Trichloroethene	8.866	130	45871	21.648	ug/l	99
45) 1,2-Dichloropropane	9.146	63	46440	22.665	ug/l	99
46) Dibromomethane	9.237	93	25468	22.093	ug/l	96
47) Bromodichloromethane	9.426	83	64292	21.996	ug/l	99
48) Methyl methacrylate	9.225	41	27745	20.910	ug/l	96
49) 1,4-Dioxane	9.231	88	5667	414.962	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	148908	105.642	ug/l	99
52) Toluene	10.170	92	116760	21.430	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	58329	21.298	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	69196	21.705	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	32289	21.967	ug/l	96
56) Ethyl methacrylate	10.445	69	43589	20.517	ug/l	97
57) 1,3-Dichloropropane	10.719	76	56813	21.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	103528	107.331	ug/l	99
59) 2-Hexanone	10.762	43	99426	105.470	ug/l	100
60) Dibromochloromethane	10.914	129	39905	21.363	ug/l	99
61) 1,2-Dibromoethane	11.018	107	29035	21.672	ug/l	97
64) Tetrachloroethene	10.652	164	49502	22.118	ug/l	98
65) Chlorobenzene	11.444	112	121548	21.111	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	39918	20.581	ug/l	98
67) Ethyl Benzene	11.518	91	221473	20.739	ug/l	99
68) m/p-Xylenes	11.627	106	166291	41.077	ug/l	99
69) o-Xylene	11.956	106	78404	20.657	ug/l	98
70) Styrene	11.969	104	127270	20.285	ug/l	99
71) Bromoform	12.133	173	21496	20.827	ug/l #	99
73) Isopropylbenzene	12.255	105	204406	20.776	ug/l	100
74) N-amyl acetate	12.072	43	50607	20.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34521	21.379	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	47782	34.853	ug/l #	100
77) Bromobenzene	12.536	156	43316	20.864	ug/l	97
78) n-propylbenzene	12.597	91	249810	20.789	ug/l	100
79) 2-Chlorotoluene	12.682	91	134053	21.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	160390	20.765	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	11114	19.577	ug/l	96
82) 4-Chlorotoluene	12.779	91	138707	21.112	ug/l	99
83) tert-Butylbenzene	12.999	119	145162	20.939	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	158986	20.580	ug/l	100
85) sec-Butylbenzene	13.176	105	219518	20.675	ug/l	99
86) p-Isopropyltoluene	13.292	119	179129	20.468	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	87042	20.692	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	86113	21.107	ug/l	99
89) n-Butylbenzene	13.621	91	173645	20.913	ug/l	100
90) Hexachloroethane	13.883	117	35661	20.930	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	75756	21.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4974	21.157	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	41854	21.487	ug/l	97
94) Hexachlorobutadiene	15.023	225	23730	22.073	ug/l	97
95) Naphthalene	15.145	128	78059	20.883	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	35921	21.518	ug/l	99

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QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

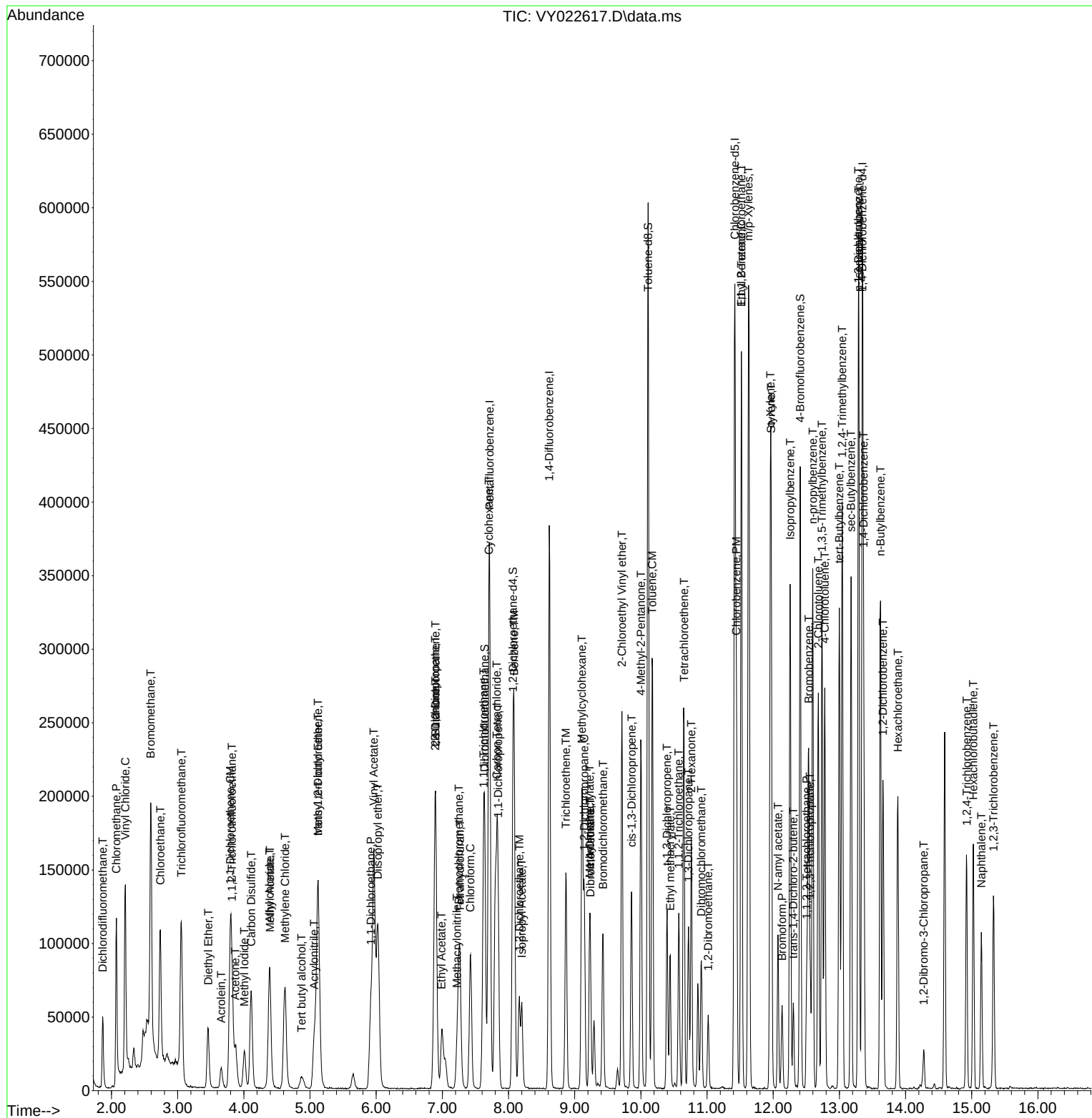
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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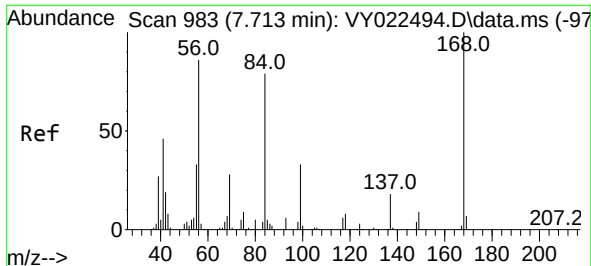
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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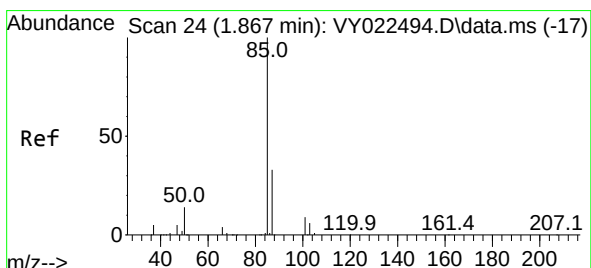
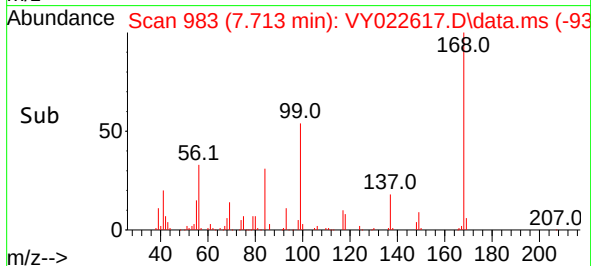
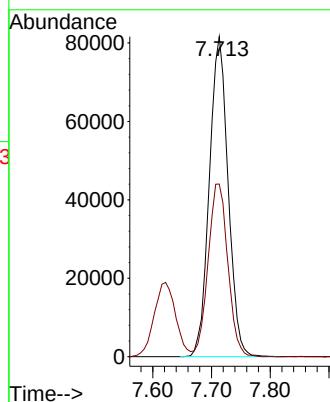
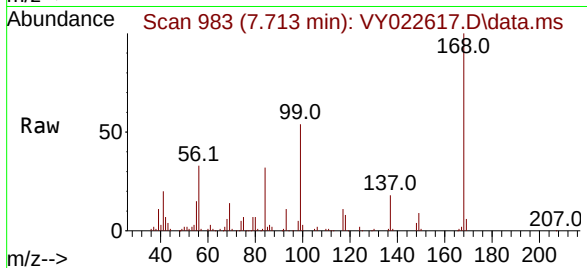




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022617.D
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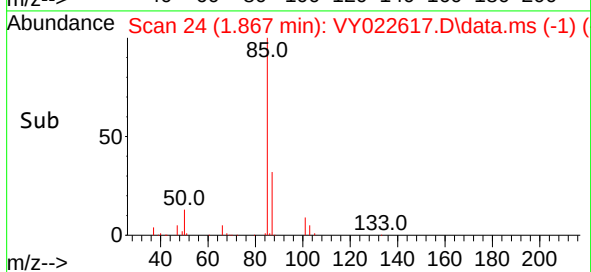
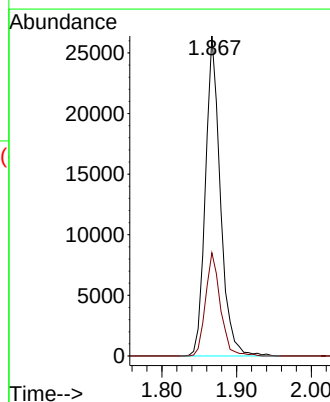
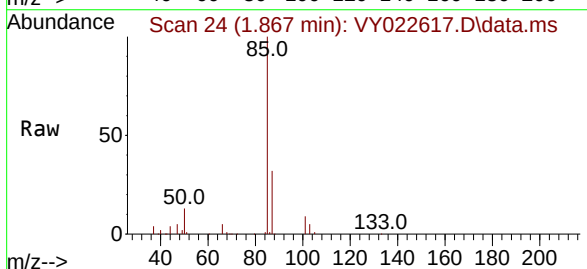
Instrument :
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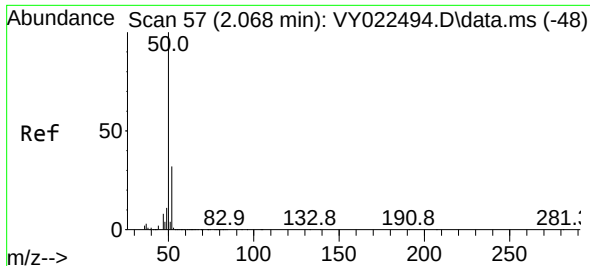
Tgt Ion:168 Resp: 181021
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.602 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 85 Resp: 36630
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0

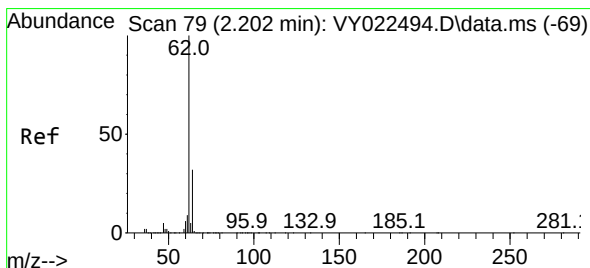
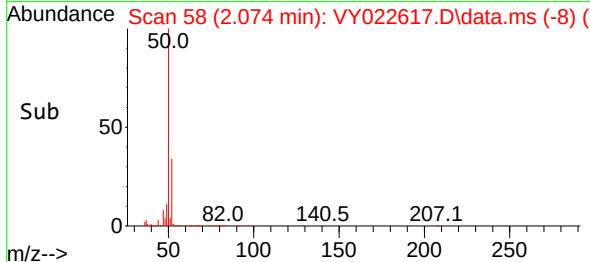
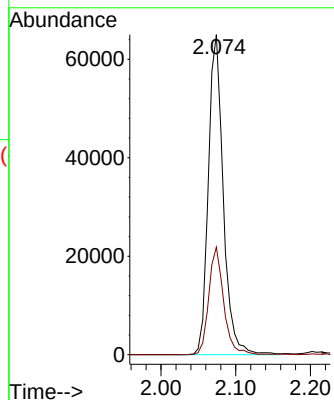
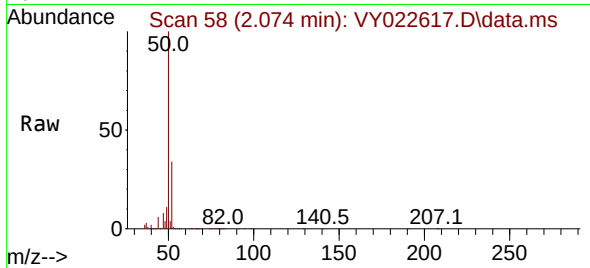




#3
Chloromethane
Concen: 18.803 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

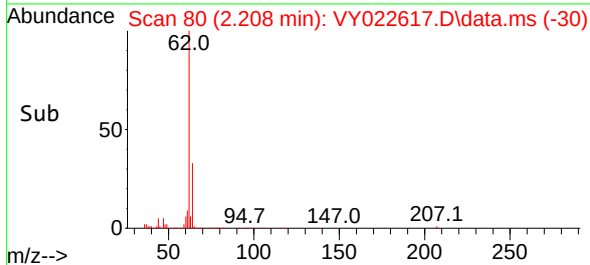
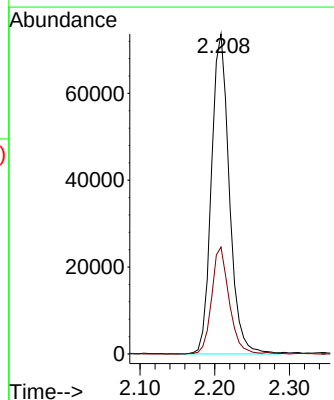
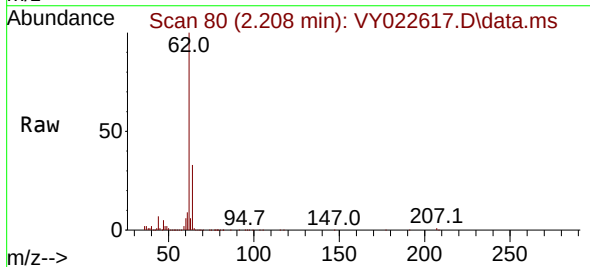
Instrument :
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VY0609SBS01

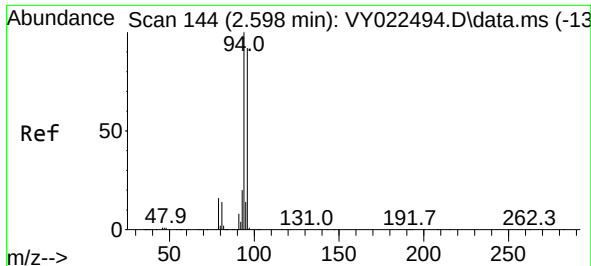
Tgt Ion: 50 Resp: 90028
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 22.075 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 62 Resp: 122611
Ion Ratio Lower Upper
62 100
64 33.3 25.3 37.9

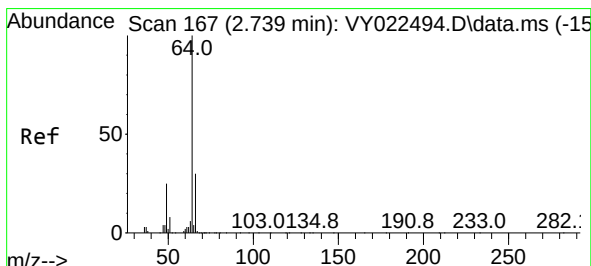
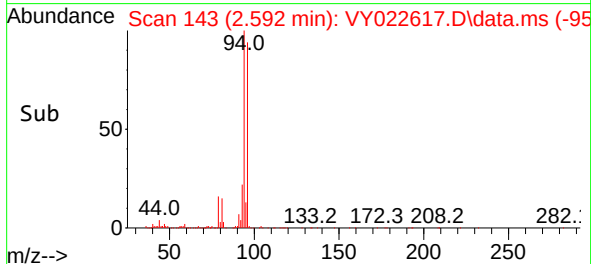
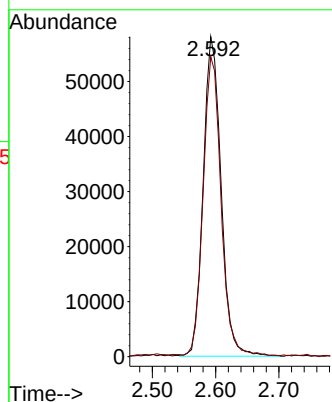
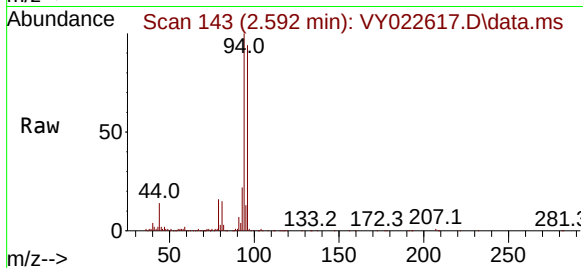




#5
Bromomethane
Concen: 21.498 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

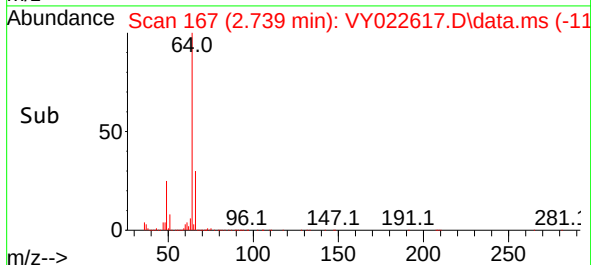
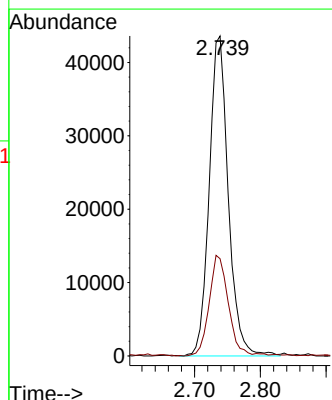
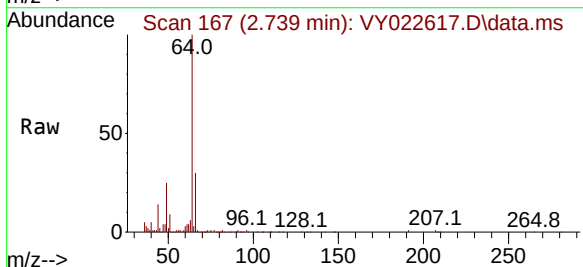
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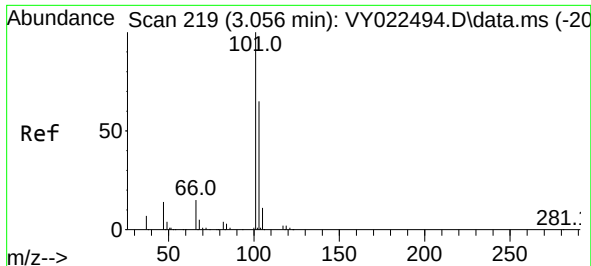
Tgt Ion: 94 Resp: 114446
Ion Ratio Lower Upper
94 100
96 93.5 74.0 111.0



#6
Chloroethane
Concen: 23.064 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 64 Resp: 87927
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.6

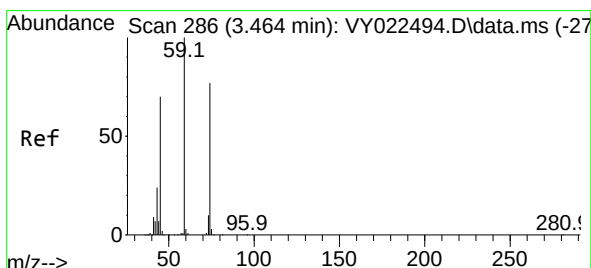
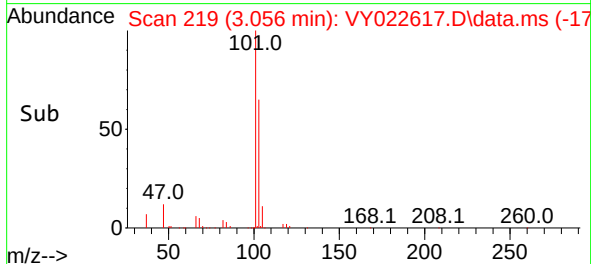
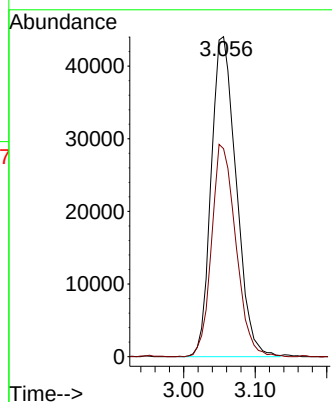
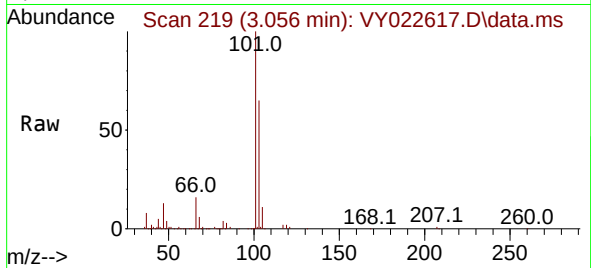




#7
 Trichlorofluoromethane
 Concen: 22.695 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

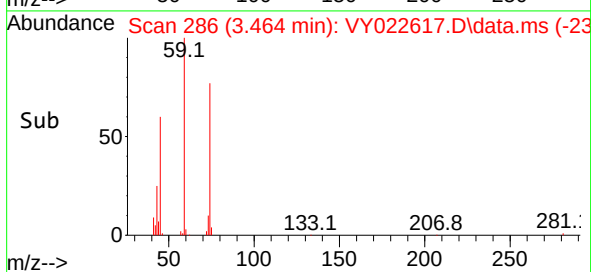
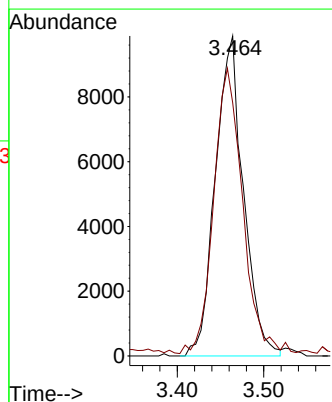
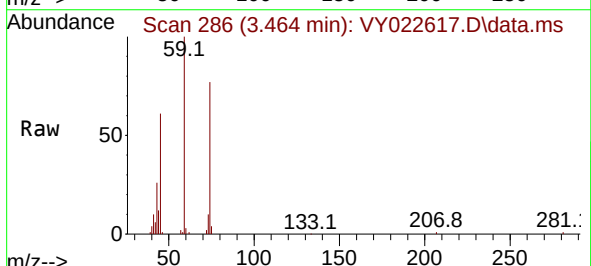
Instrument :
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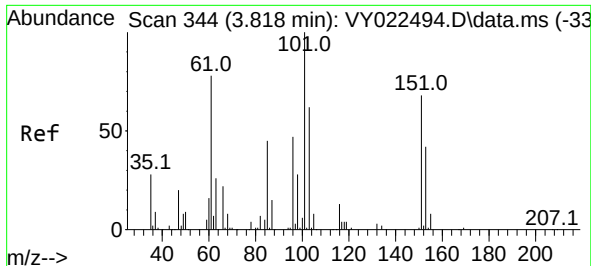
Tgt Ion:101 Resp: 107013
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.953 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY022617.D
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Tgt Ion: 74 Resp: 22250
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.9 137.6

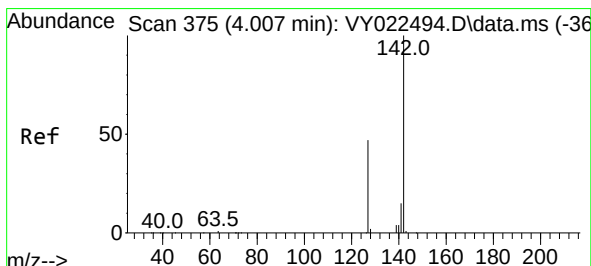
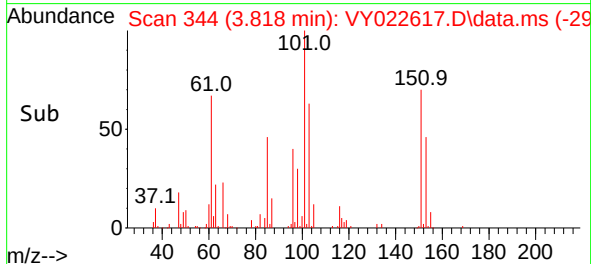
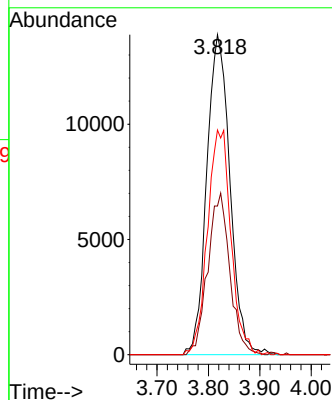
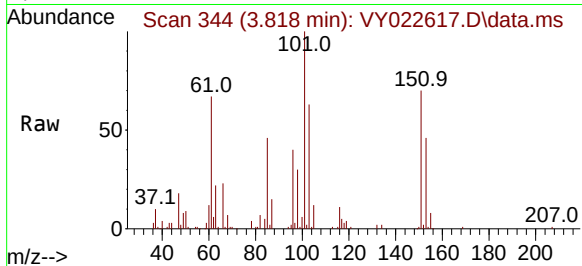




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.916 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

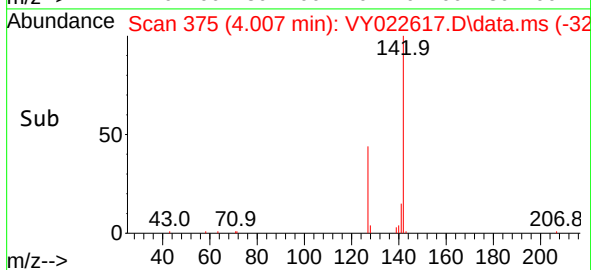
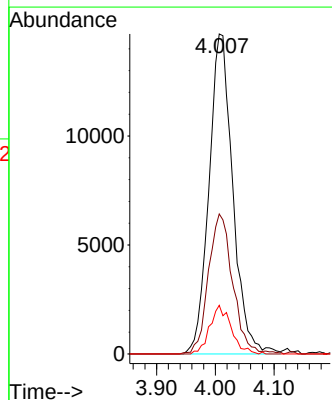
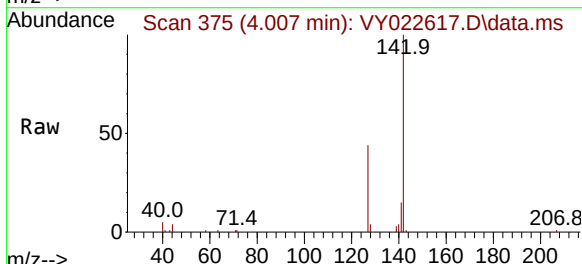
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

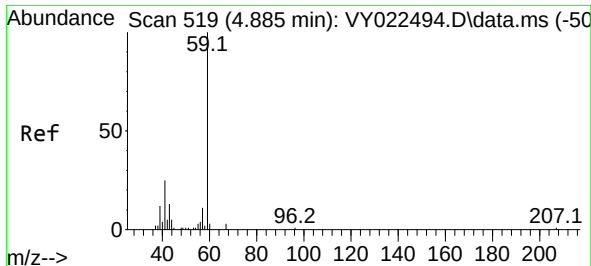
Tgt Ion:101 Resp: 43524
Ion Ratio Lower Upper
101 100
85 48.1 39.3 58.9
151 71.0 57.8 86.8



#10
Methyl Iodide
Concen: 19.246 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion:142 Resp: 41363
Ion Ratio Lower Upper
142 100
127 44.6 37.1 55.7
141 13.6 11.4 17.2

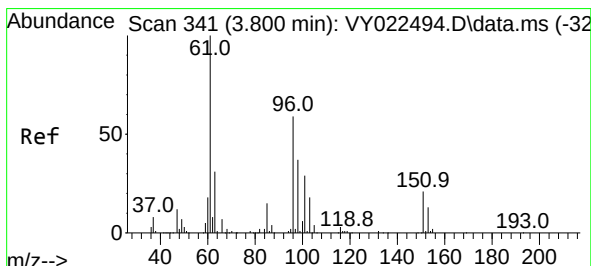
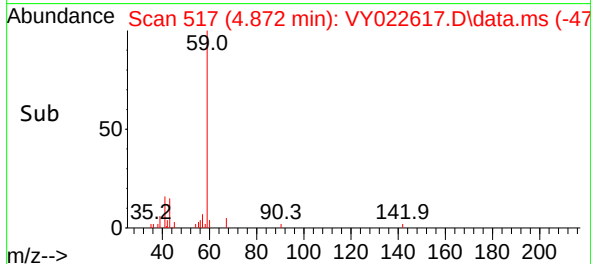
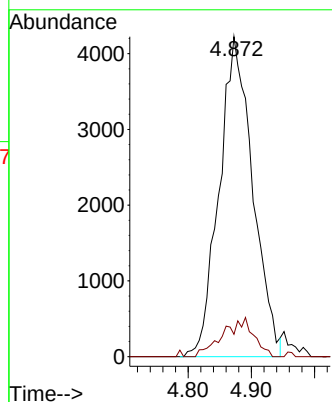
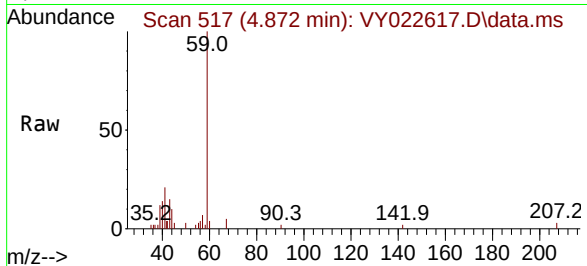




#11
Tert butyl alcohol
Concen: 107.624 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

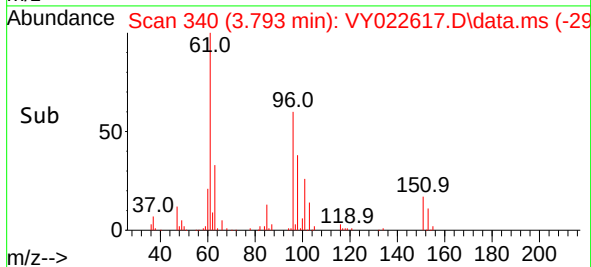
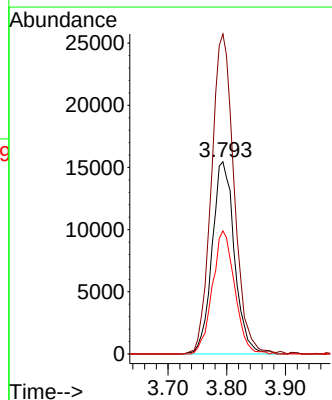
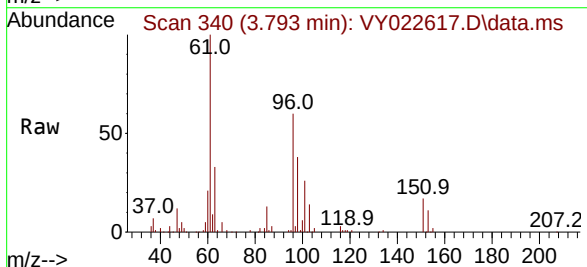
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

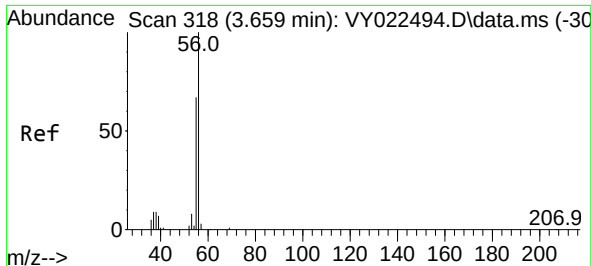
Tgt Ion: 59 Resp: 15563
Ion Ratio Lower Upper
59 100
57 5.2 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.509 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 96 Resp: 40830
Ion Ratio Lower Upper
96 100
61 166.5 134.6 201.8
98 64.0 50.2 75.4

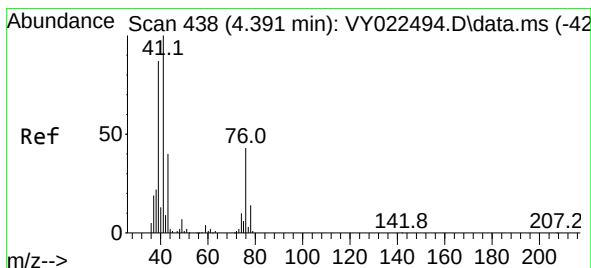
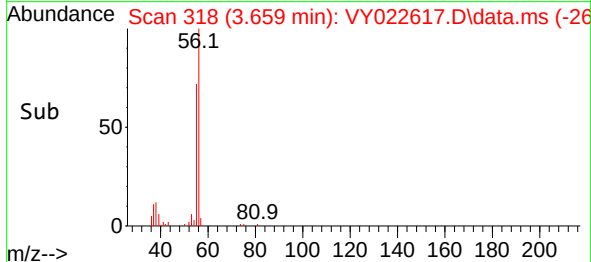
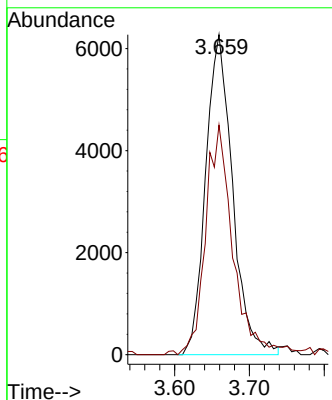
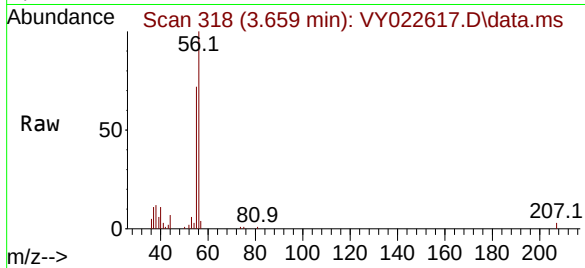




#13
Acrolein
Concen: 87.013 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

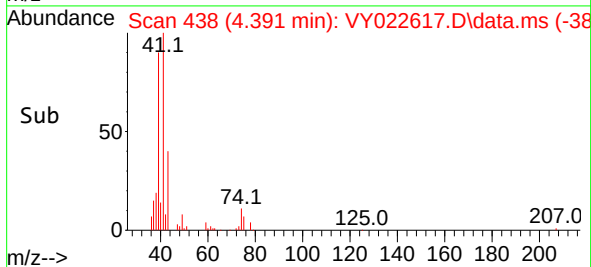
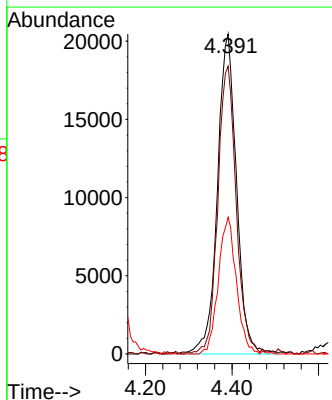
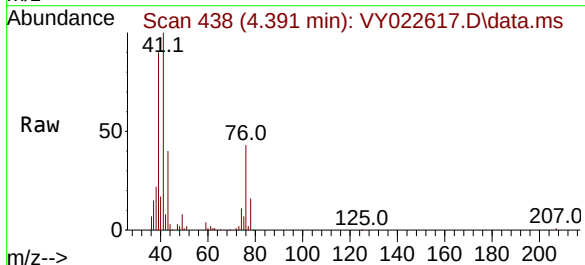
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

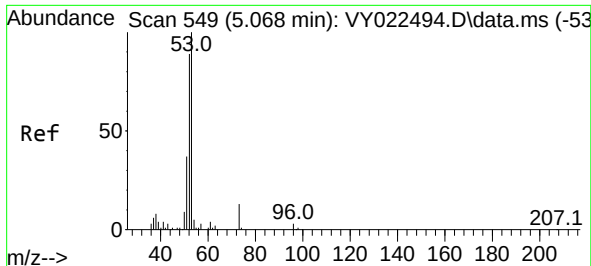
Tgt Ion: 56 Resp: 15681
Ion Ratio Lower Upper
56 100
55 73.2 57.0 85.6



#14
Allyl chloride
Concen: 21.101 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 41 Resp: 62884
Ion Ratio Lower Upper
41 100
39 86.4 69.1 103.7
76 40.2 33.5 50.3

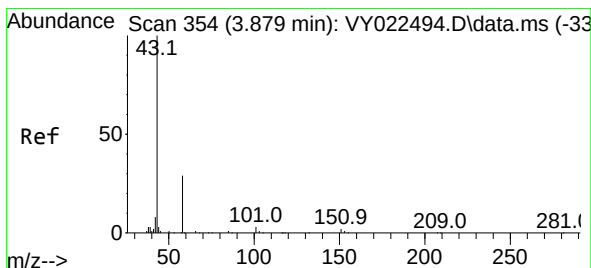
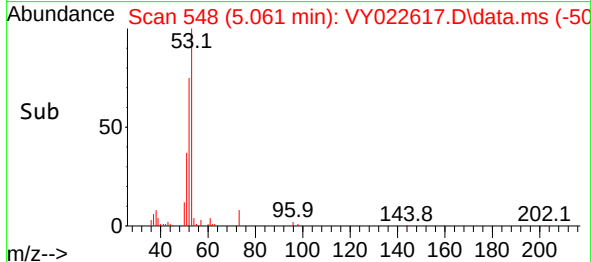
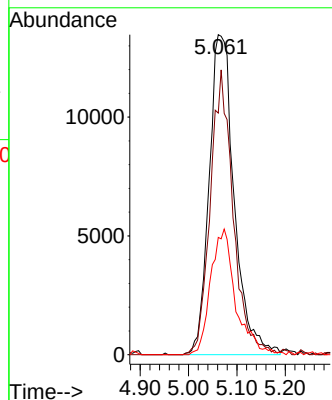
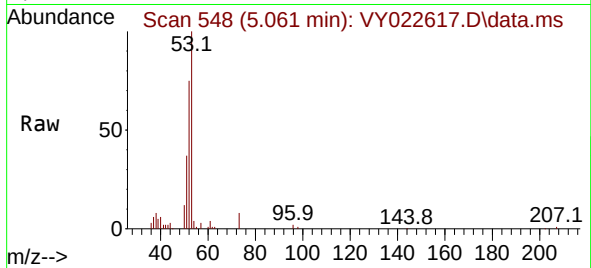




#15
Acrylonitrile
Concen: 108.157 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

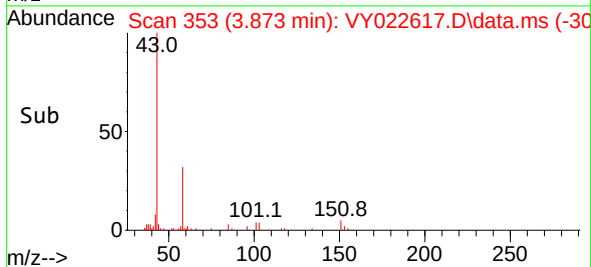
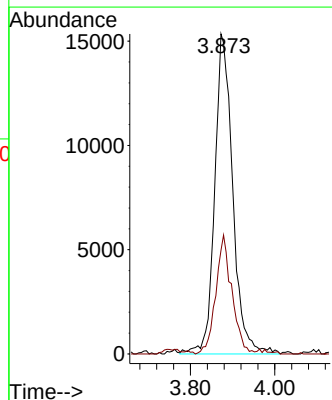
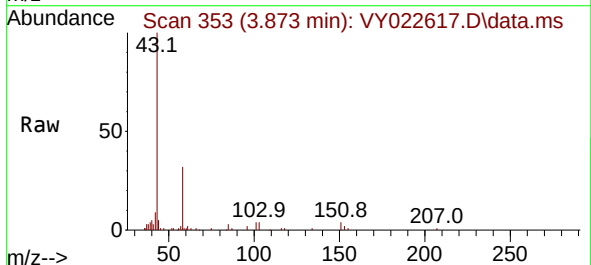
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

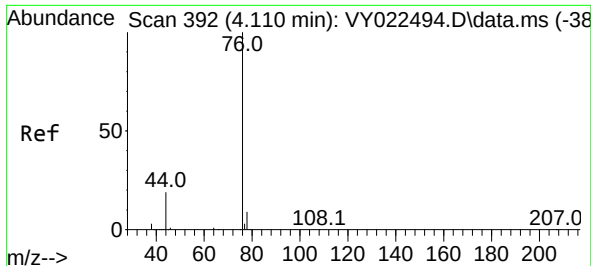
Tgt Ion: 53 Resp: 48641
Ion Ratio Lower Upper
53 100
52 80.7 65.7 98.5
51 39.1 30.1 45.1



#16
Acetone
Concen: 110.691 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 43 Resp: 45513
Ion Ratio Lower Upper
43 100
58 32.4 24.0 36.0

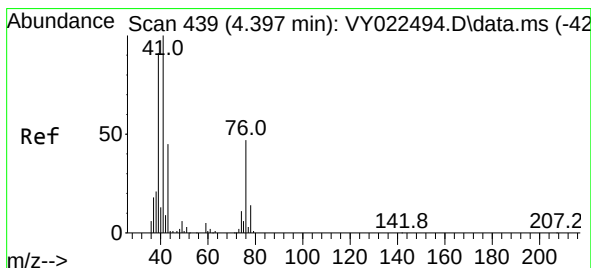
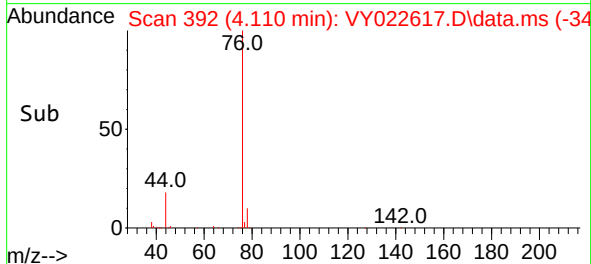
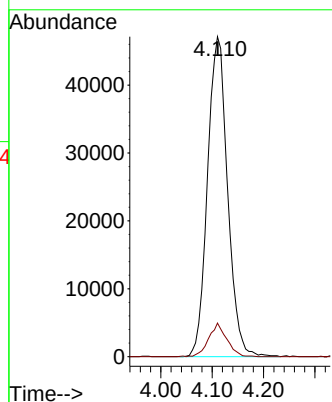
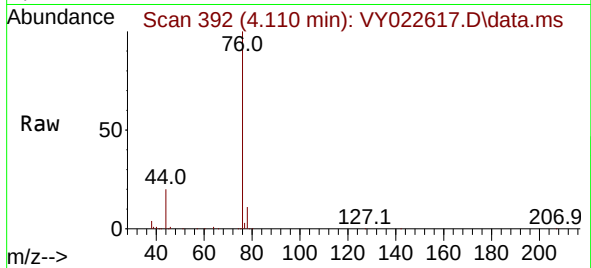




#17
Carbon Disulfide
Concen: 21.028 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

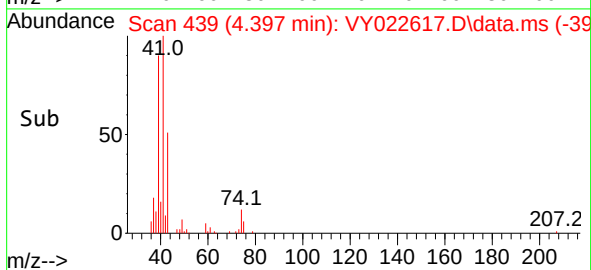
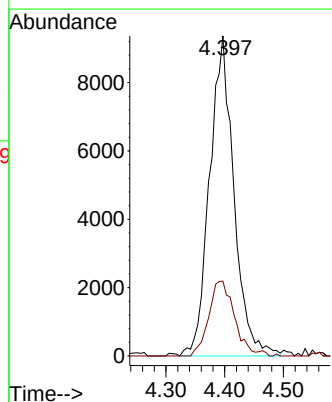
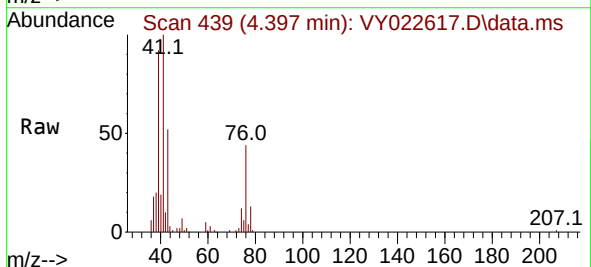
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

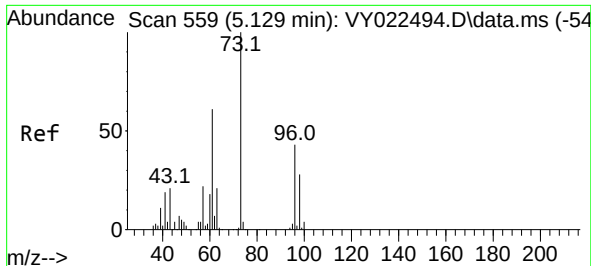
Tgt Ion: 76 Resp: 127799
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2



#18
Methyl Acetate
Concen: 22.135 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 43 Resp: 26951
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.733 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

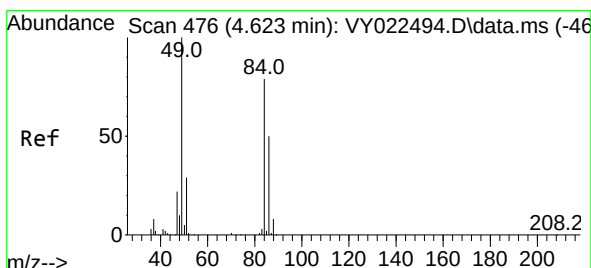
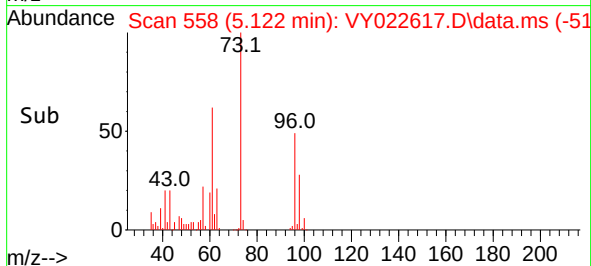
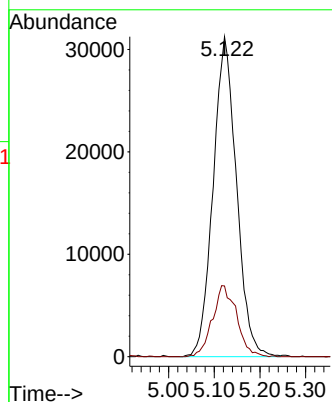
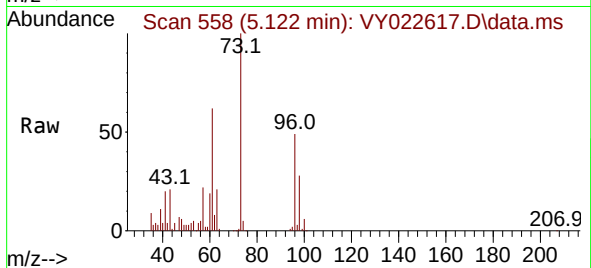
VY0609SBS01

Tgt Ion: 73 Resp: 110856

Ion Ratio Lower Upper

73 100

57 22.1 17.4 26.0



#20

Methylene Chloride

Concen: 21.780 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Tgt Ion: 84 Resp: 50869

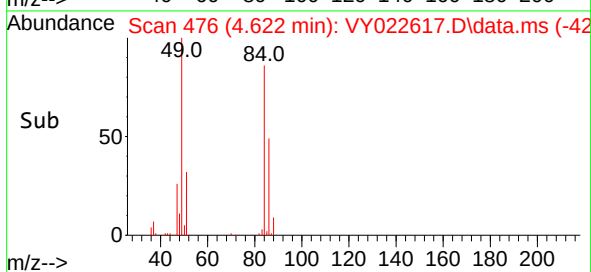
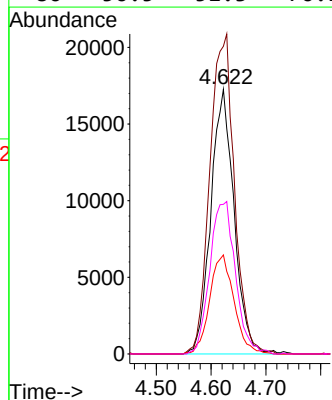
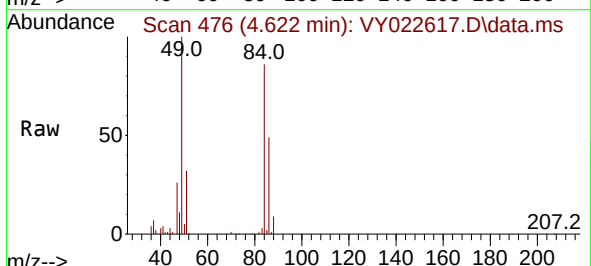
Ion Ratio Lower Upper

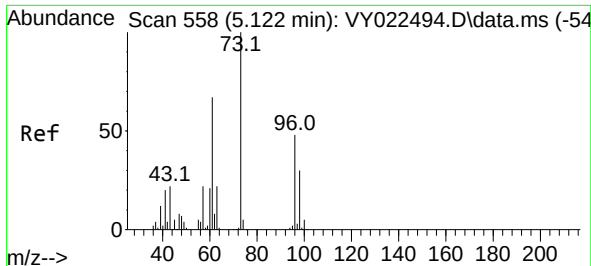
84 100

49 116.2 101.9 152.9

51 37.4 29.8 44.8

86 56.5 51.3 76.9

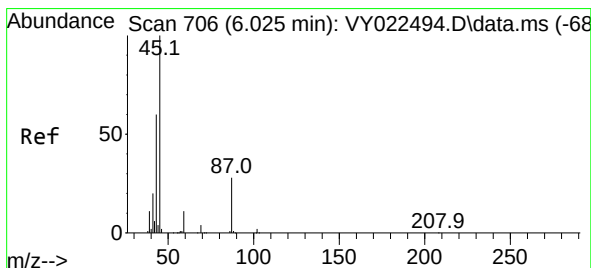
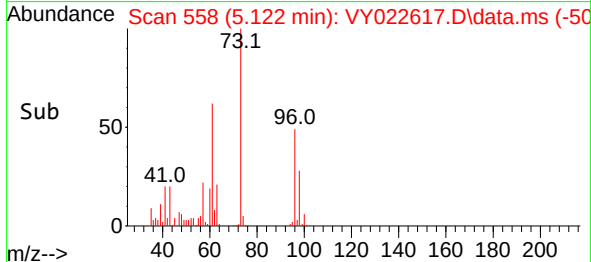
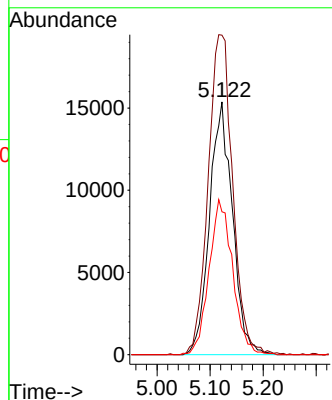
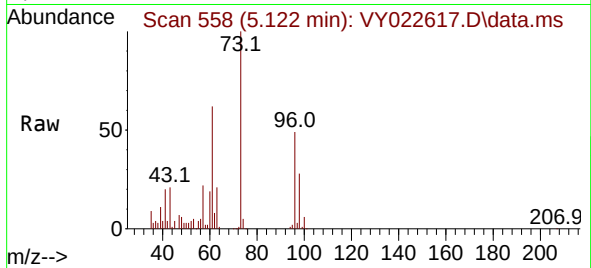




#21
trans-1,2-Dichloroethene
Concen: 21.749 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

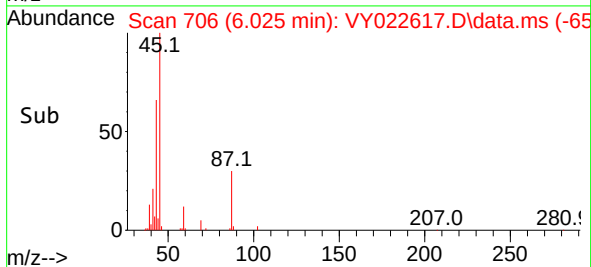
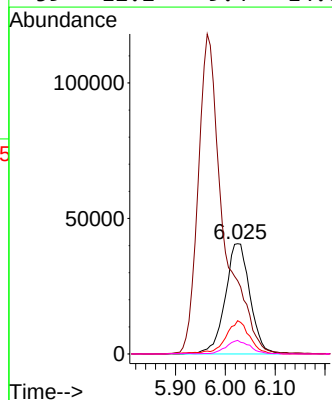
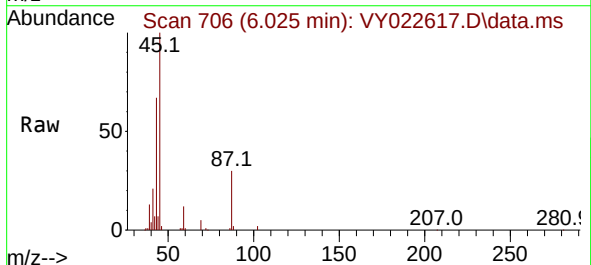
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

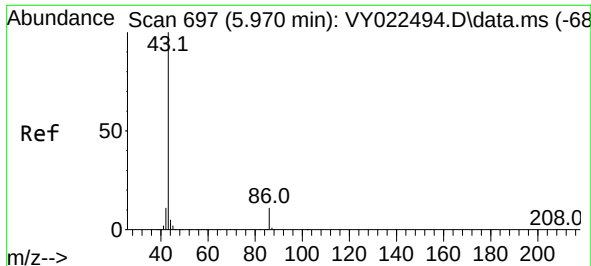
Tgt Ion: 96 Resp: 46208
Ion Ratio Lower Upper
96 100
61 126.4 112.6 169.0
98 56.5 50.6 75.8



#22
Diisopropyl ether
Concen: 21.082 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 45 Resp: 139842
Ion Ratio Lower Upper
45 100
43 65.3 48.3 72.5
87 29.9 23.0 34.6
59 12.2 9.4 14.0

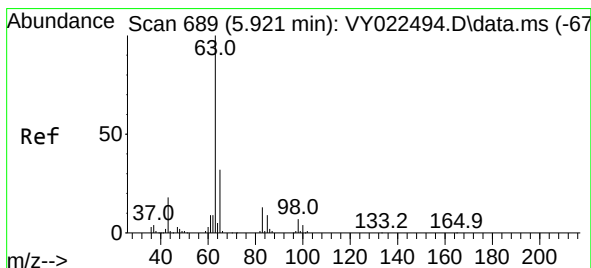
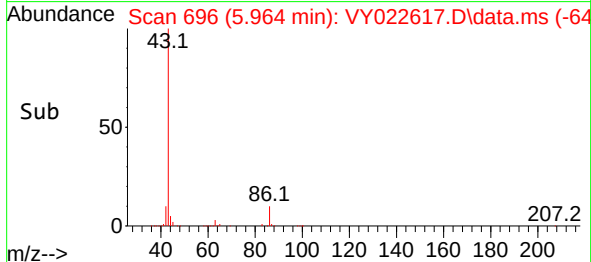
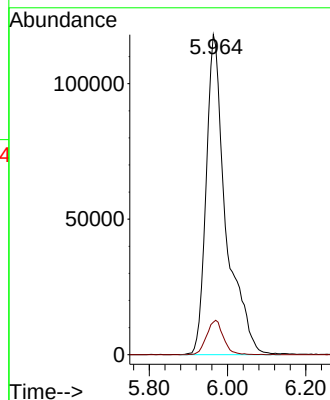
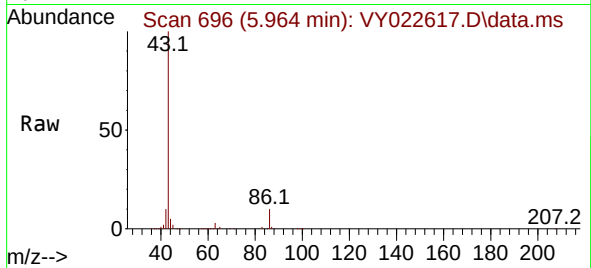




#23
 Vinyl Acetate
 Concen: 105.284 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

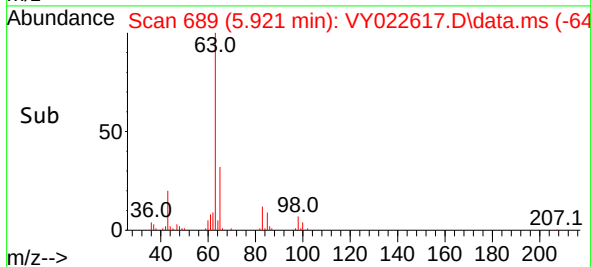
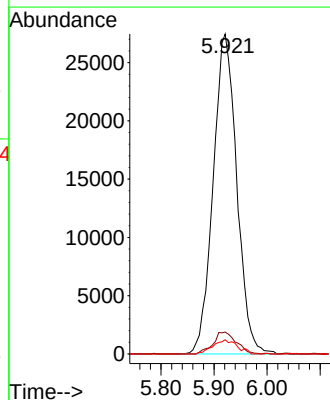
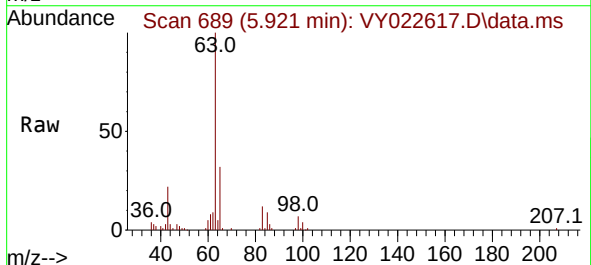
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

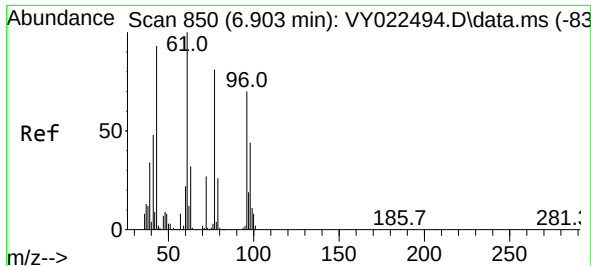
Tgt Ion: 43 Resp: 413359
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.737 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

Tgt Ion: 63 Resp: 84945
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.5 2.1 6.3

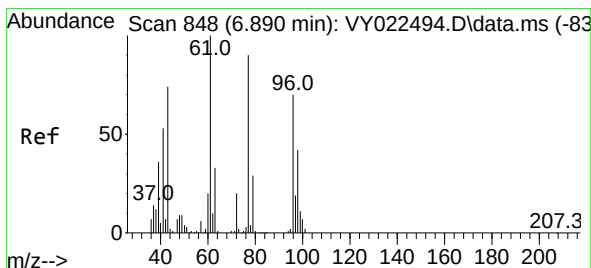
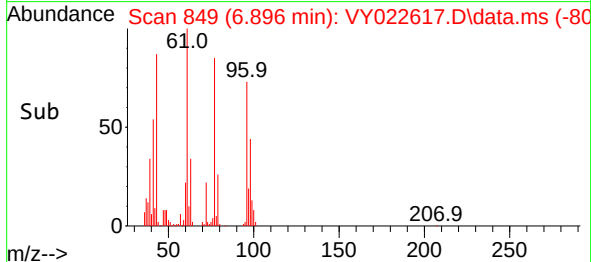
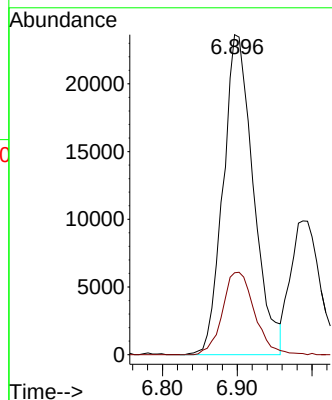
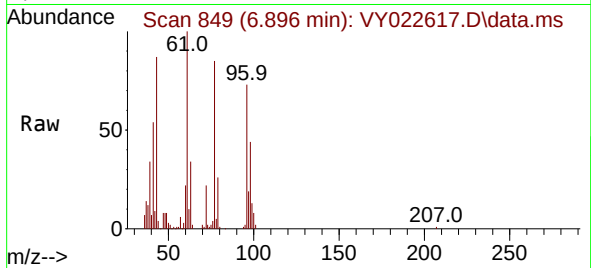




#25
2-Butanone
Concen: 112.248 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

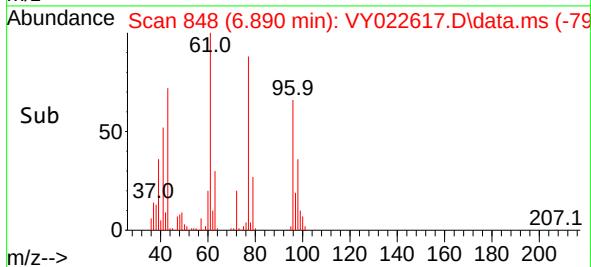
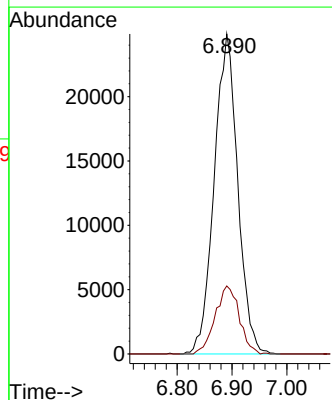
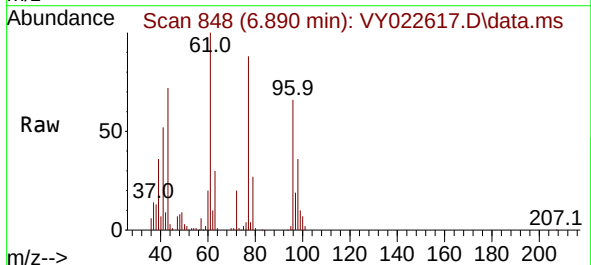
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

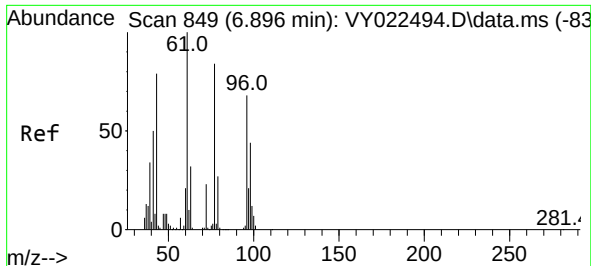
Tgt Ion: 43 Resp: 66573
Ion Ratio Lower Upper
43 100
72 25.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.475 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 77 Resp: 74148
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.679 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

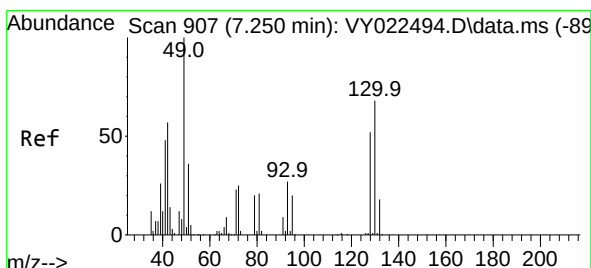
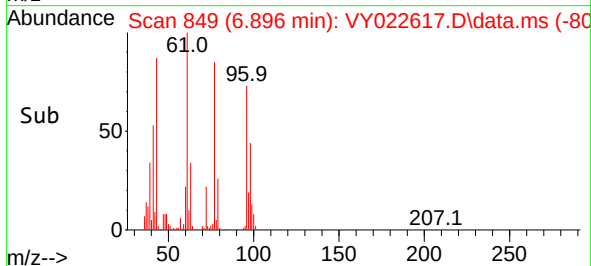
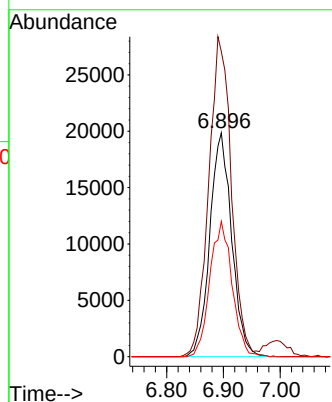
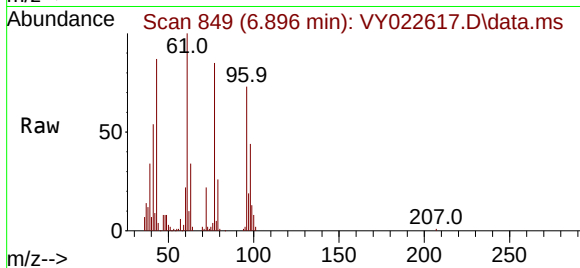
Tgt Ion: 96 Resp: 53236

Ion Ratio Lower Upper

96 100

61 148.0 0.0 290.0

98 61.3 0.0 128.4



#28

Bromochloromethane

Concen: 22.026 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

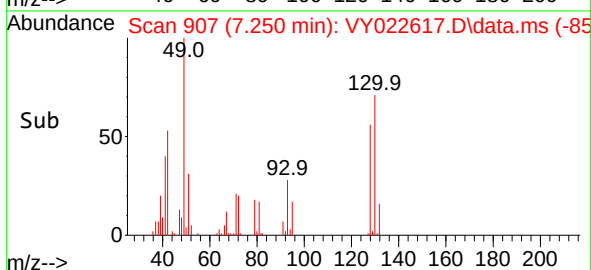
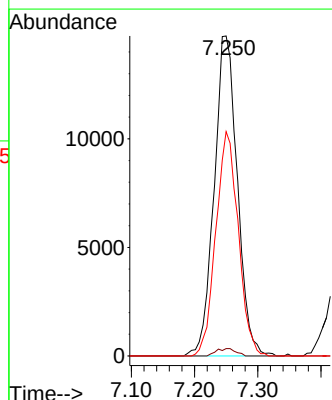
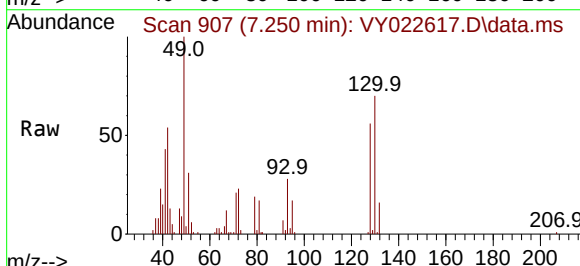
Tgt Ion: 49 Resp: 37520

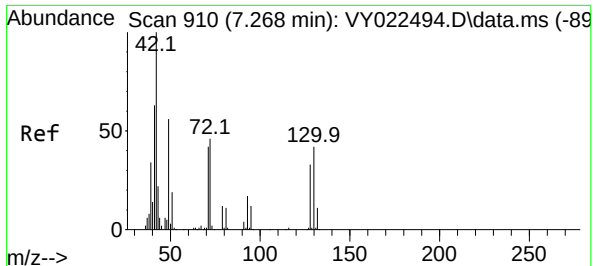
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 67.8 55.7 83.5





#29

Tetrahydrofuran

Concen: 108.330 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

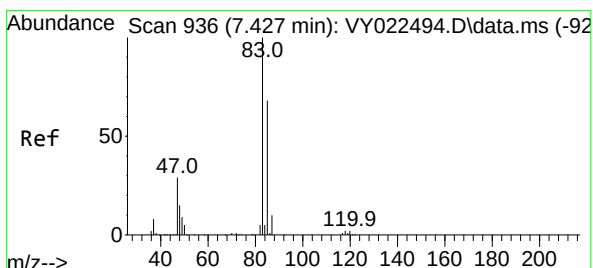
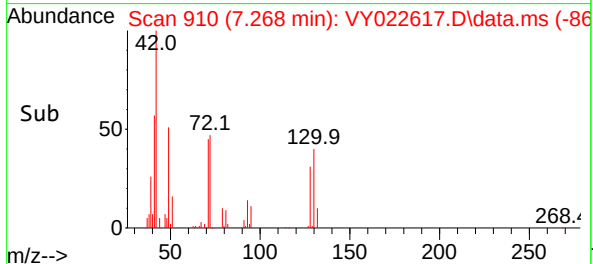
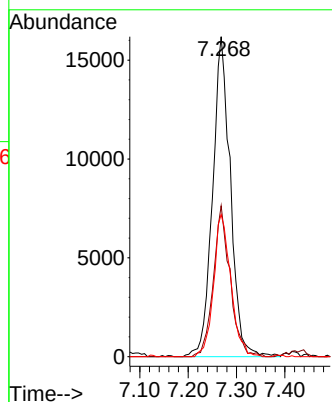
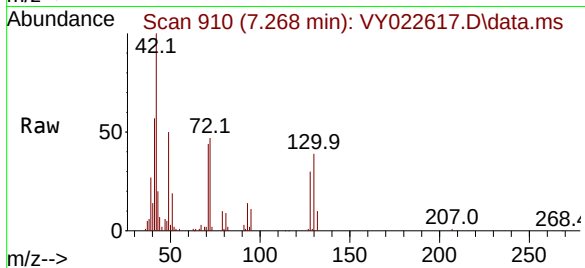
Tgt Ion: 42 Resp: 41439

Ion Ratio Lower Upper

42 100

72 44.3 37.4 56.2

71 43.0 34.2 51.2



#30

Chloroform

Concen: 22.211 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022617.D

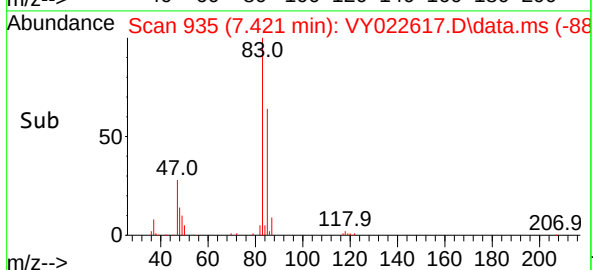
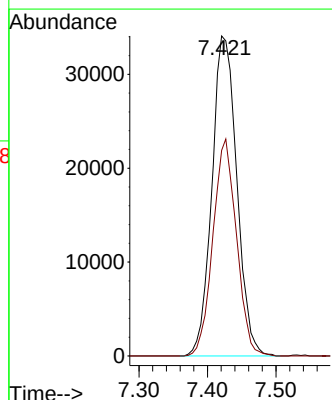
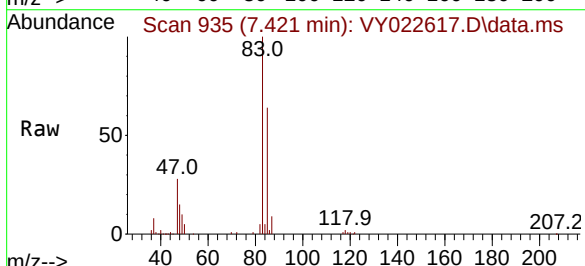
Acq: 09 Jun 2025 09:51

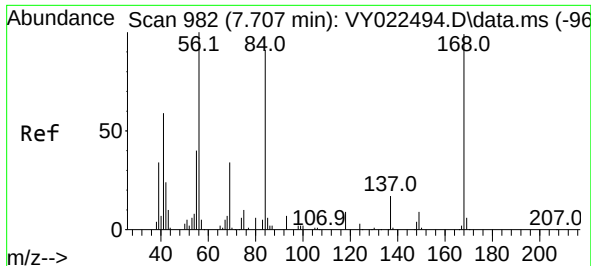
Tgt Ion: 83 Resp: 85970

Ion Ratio Lower Upper

83 100

85 64.3 54.2 81.4

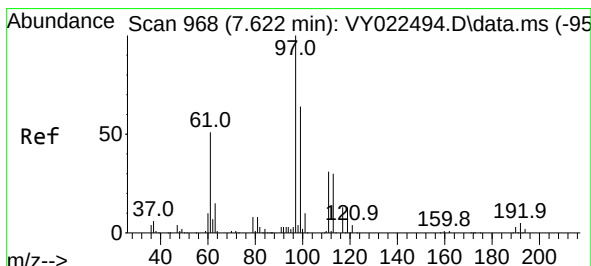
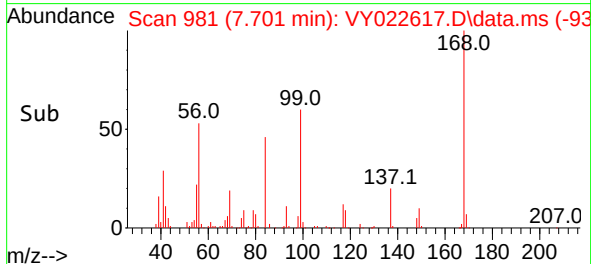
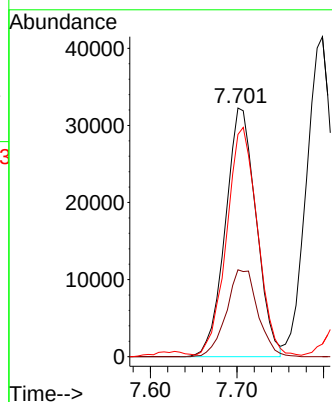
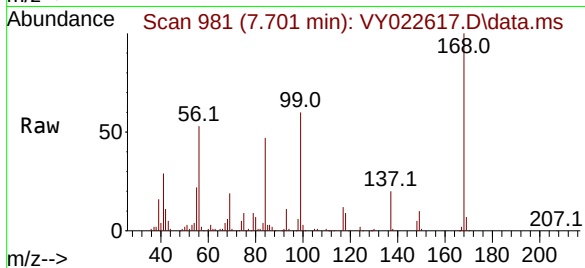




#31
Cyclohexane
Concen: 20.444 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

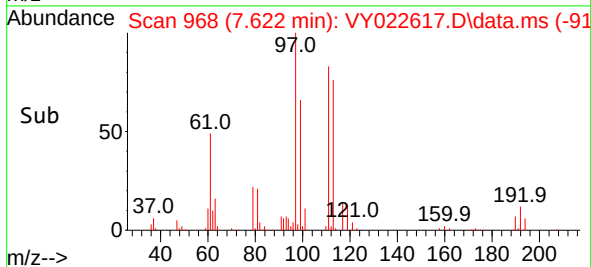
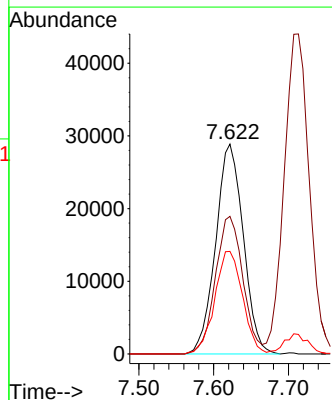
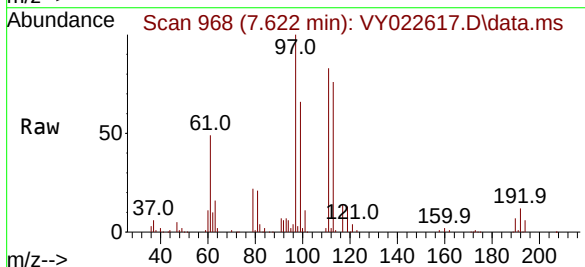
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

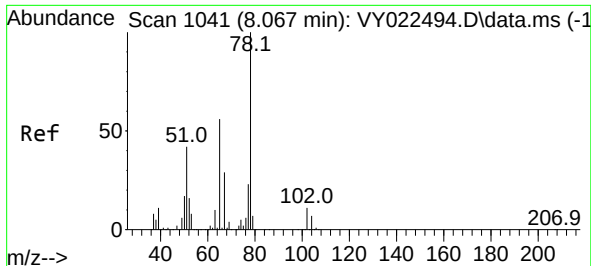
Tgt Ion: 56 Resp: 79536
Ion Ratio Lower Upper
56 100
69 35.0 27.0 40.6
84 87.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.604 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 97 Resp: 74231
Ion Ratio Lower Upper
97 100
99 65.1 50.9 76.3
61 49.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

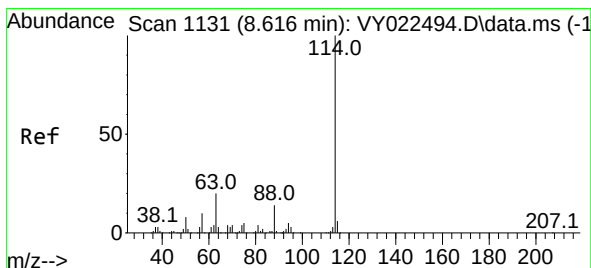
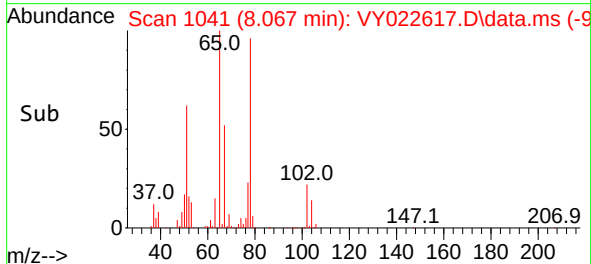
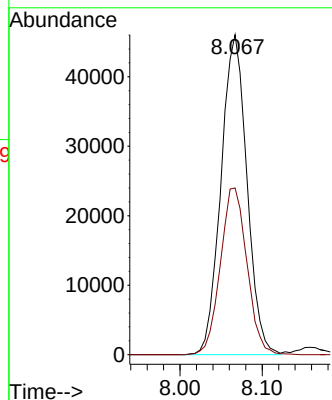
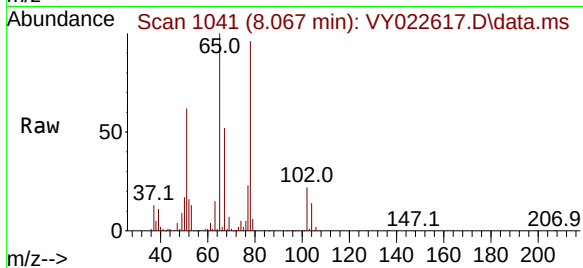
VY0609SBS01

Tgt Ion: 65 Resp: 101087

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

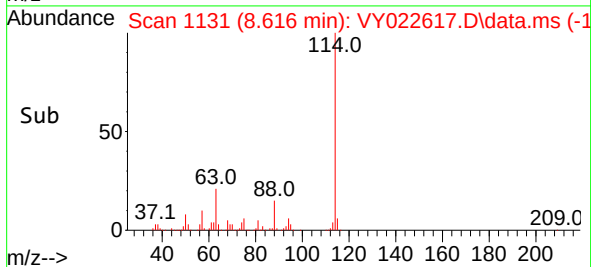
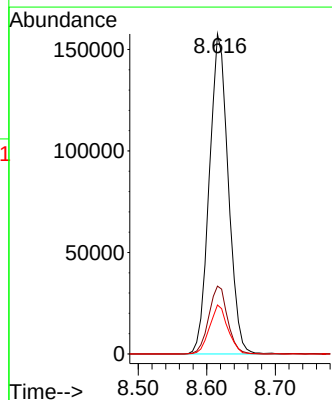
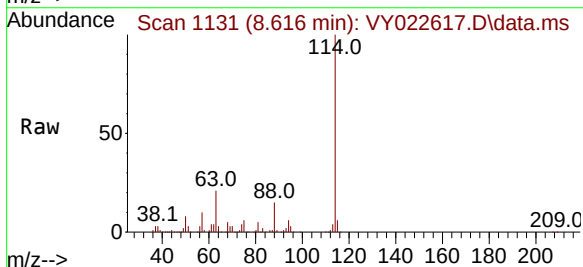
Tgt Ion: 114 Resp: 303015

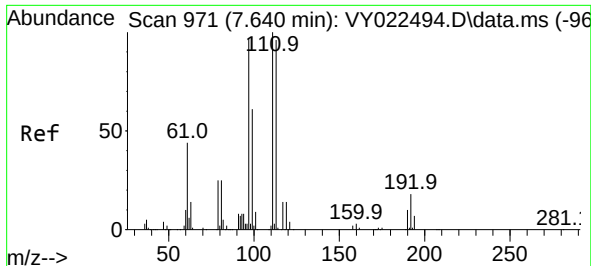
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 15.3 0.0 27.8

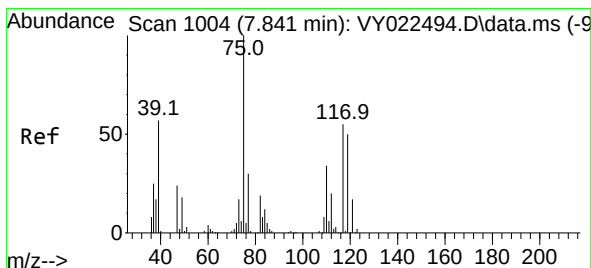
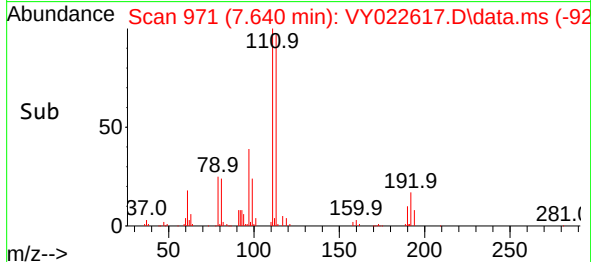
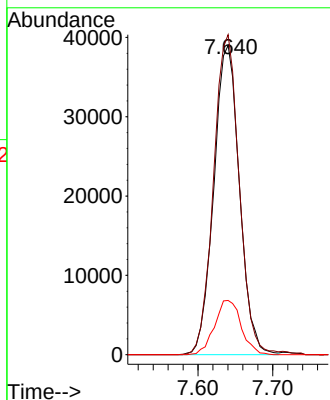
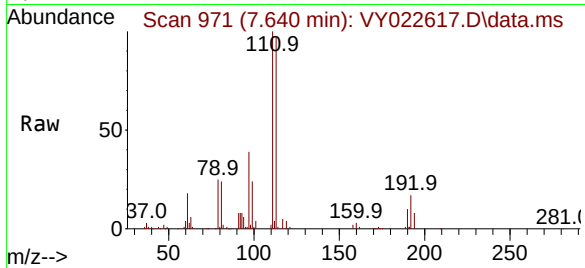




#35
Dibromofluoromethane
Concen: 51.556 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

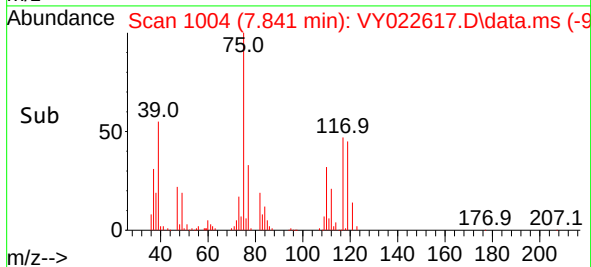
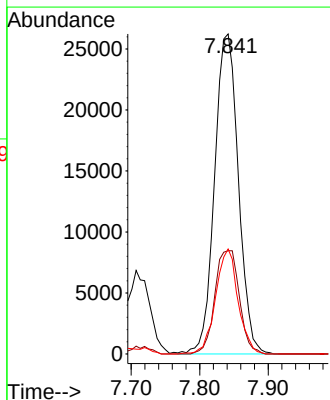
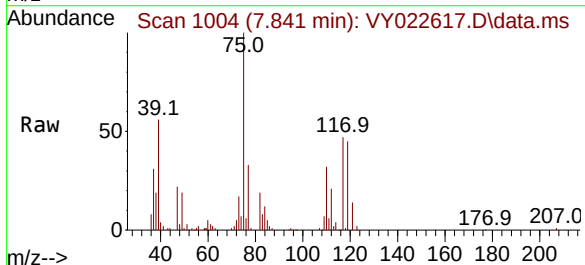
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

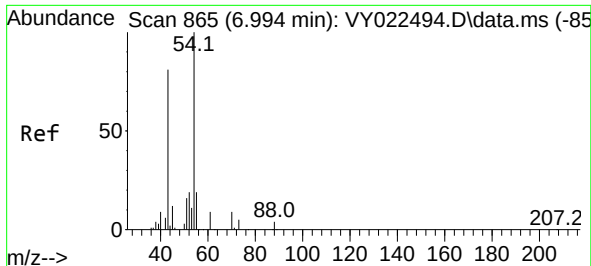
Tgt Ion:113 Resp: 93246
Ion Ratio Lower Upper
113 100
111 103.8 81.1 121.7
192 18.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.532 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 75 Resp: 63204
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.7
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 21.487 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

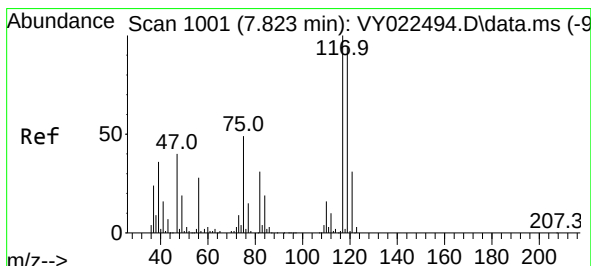
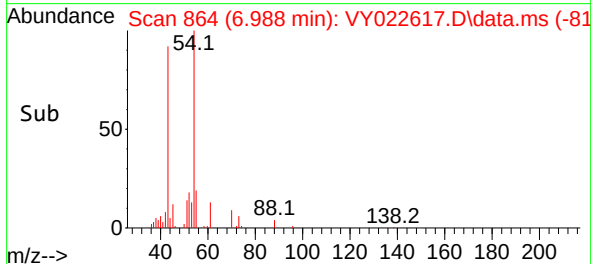
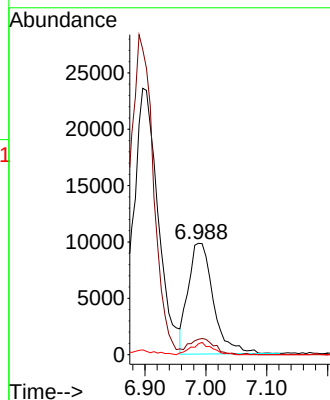
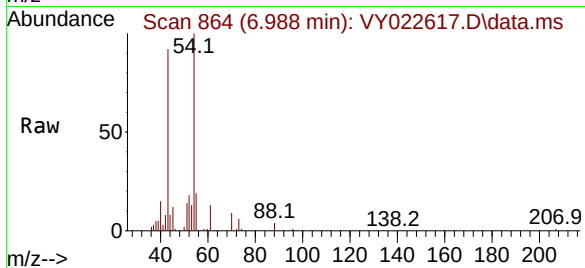
Tgt Ion: 43 Resp: 28128

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 21.621 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

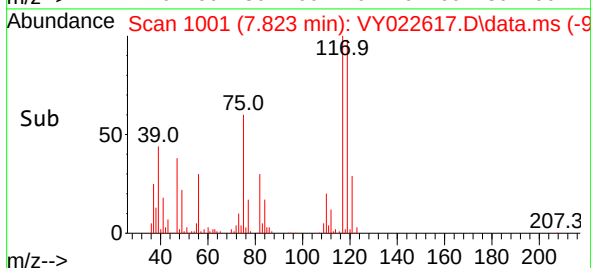
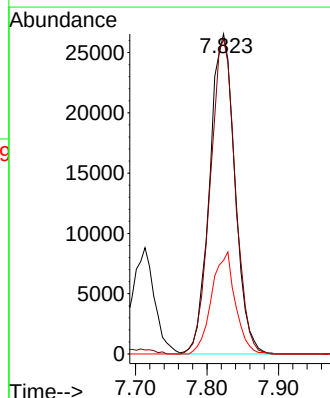
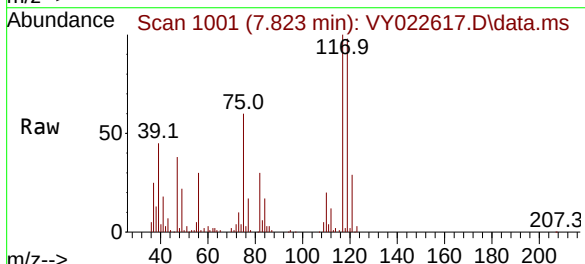
Tgt Ion: 117 Resp: 65109

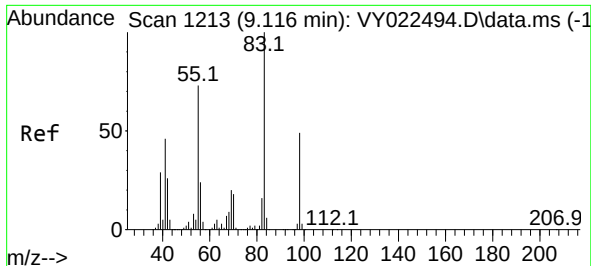
Ion Ratio Lower Upper

117 100

119 98.5 75.0 112.6

121 29.3 25.0 37.4





#39

Methylcyclohexane

Concen: 21.056 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

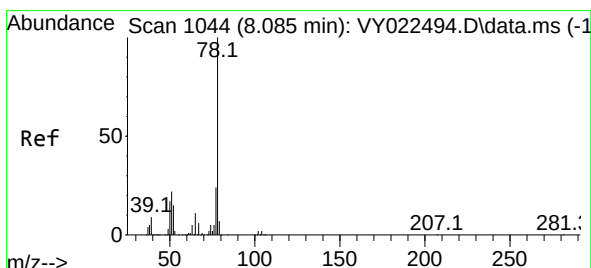
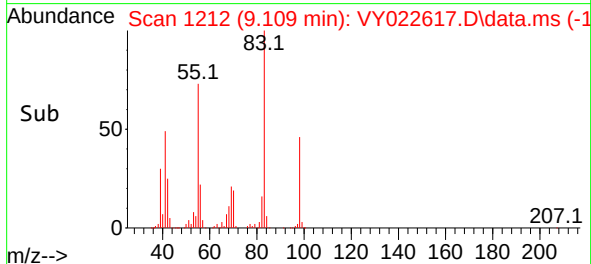
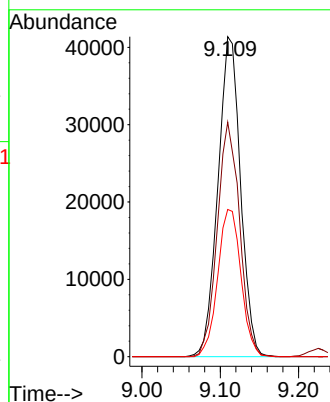
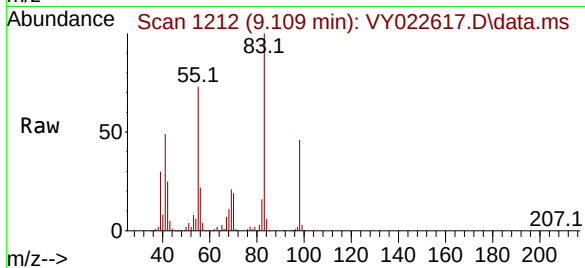
Tgt Ion: 83 Resp: 83062

Ion Ratio Lower Upper

83 100

55 73.3 58.1 87.1

98 46.0 39.0 58.6



#40

Benzene

Concen: 21.903 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022617.D

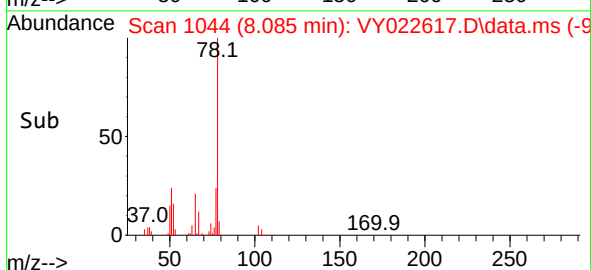
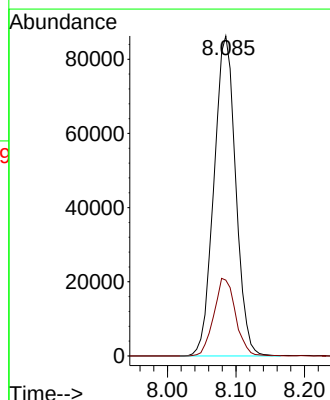
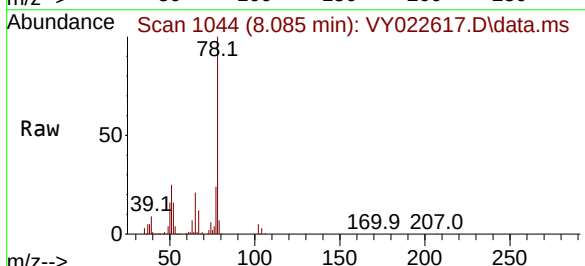
Acq: 09 Jun 2025 09:51

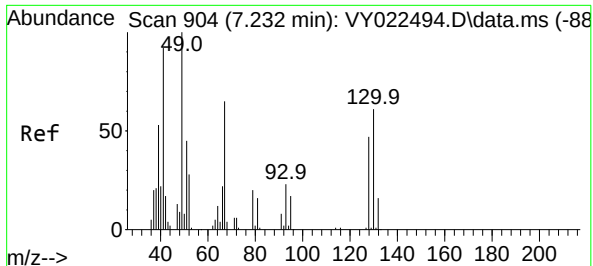
Tgt Ion: 78 Resp: 189895

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

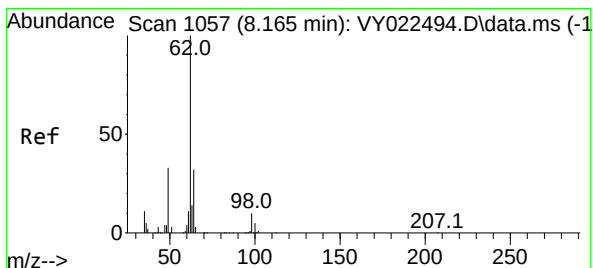
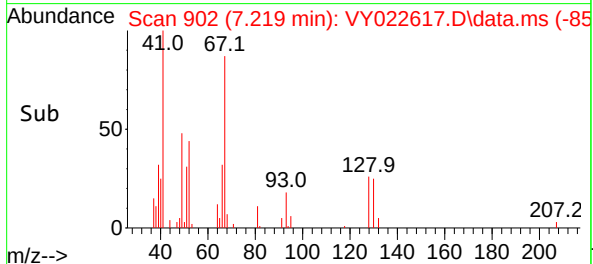
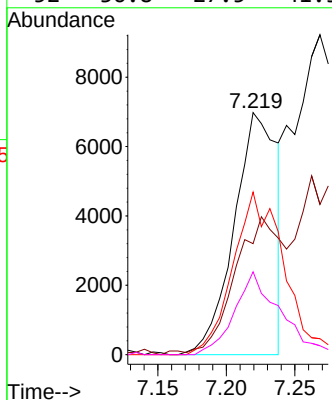
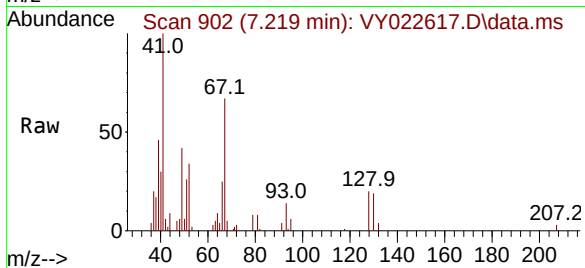




#41
Methacrylonitrile
Concen: 19.828 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

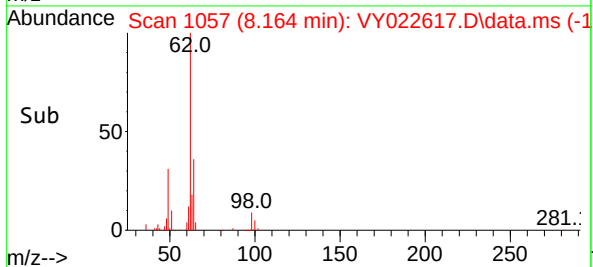
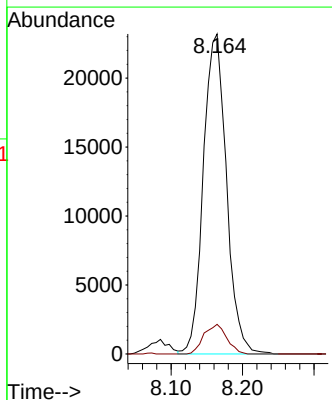
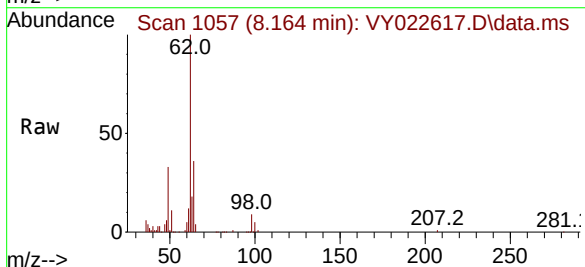
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

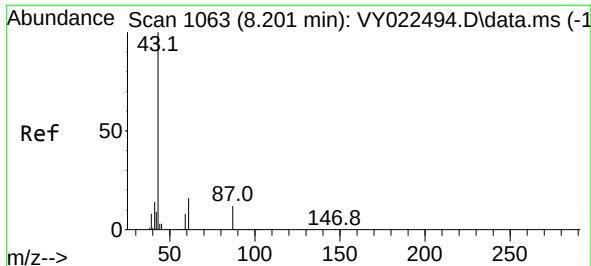
Tgt Ion:	41	Resp:	15161
Ion	Ratio	Lower	Upper
41	100		
39	64.7	46.6	69.8
67	80.6	63.3	94.9
52	36.8	27.5	41.3



#42
1,2-Dichloroethane
Concen: 22.021 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion:	62	Resp:	52131
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

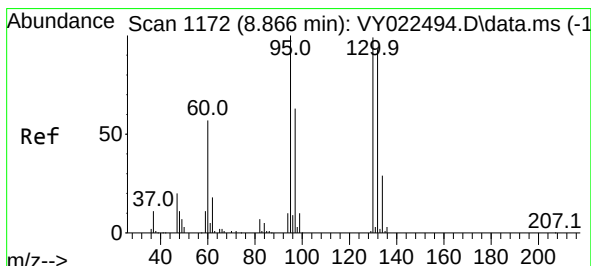
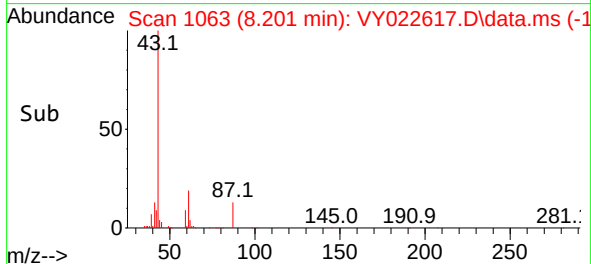
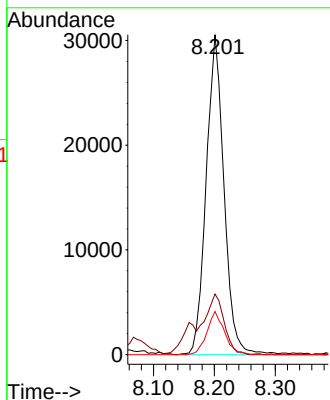
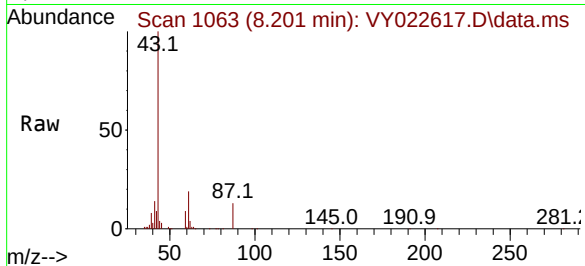




#43
Isopropyl Acetate
Concen: 21.956 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

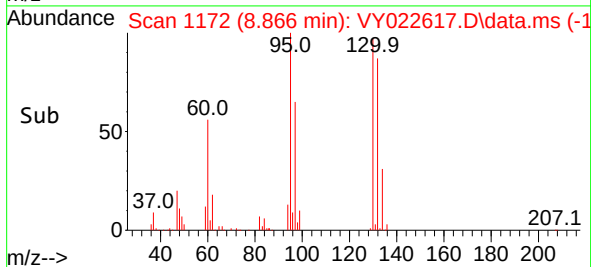
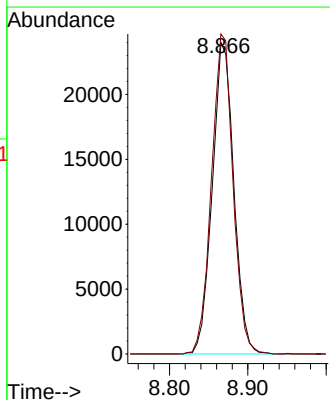
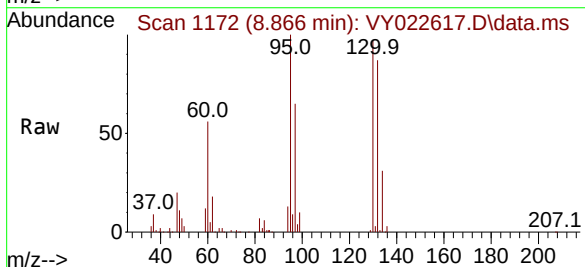
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

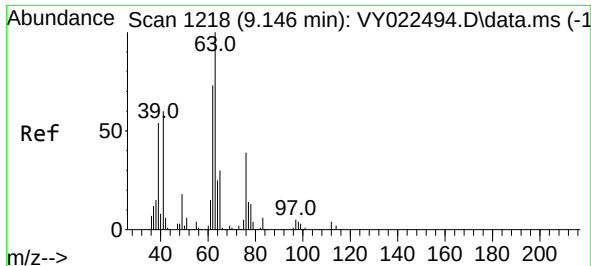
Tgt Ion: 43 Resp: 62073
Ion Ratio Lower Upper
43 100
61 20.3 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 21.648 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion:130 Resp: 45871
Ion Ratio Lower Upper
130 100
95 102.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.665 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

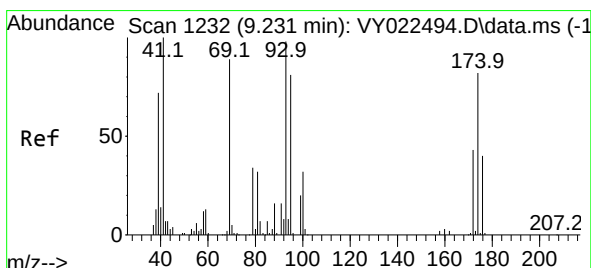
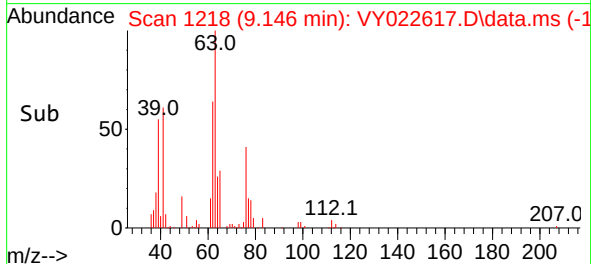
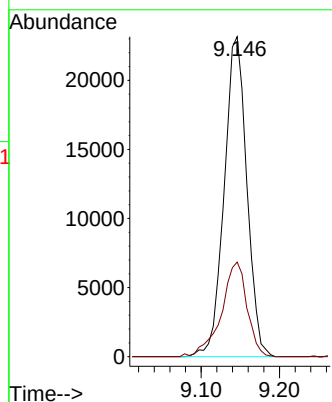
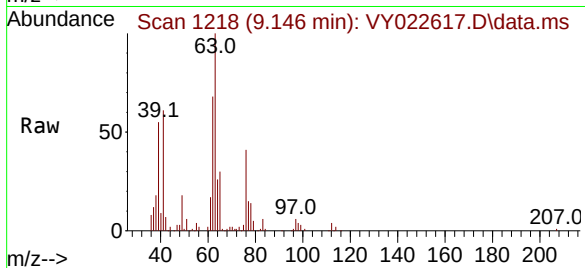
VY0609SBS01

Tgt Ion: 63 Resp: 46440

Ion Ratio Lower Upper

63 100

65 29.5 24.0 36.0



#46

Dibromomethane

Concen: 22.093 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

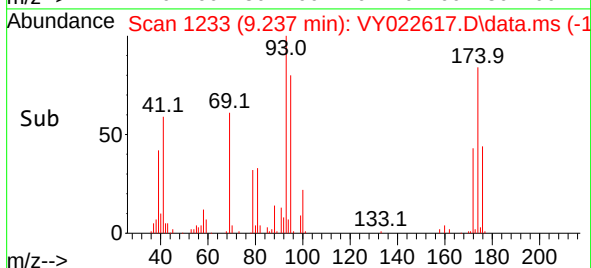
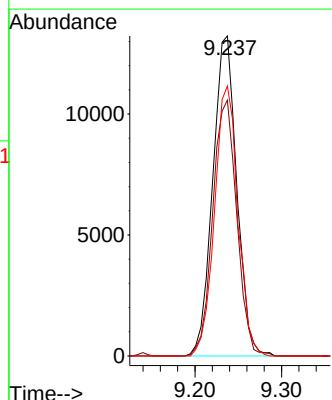
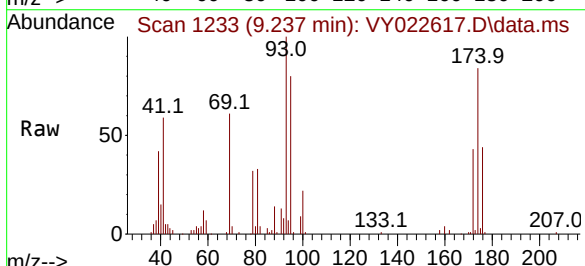
Tgt Ion: 93 Resp: 25468

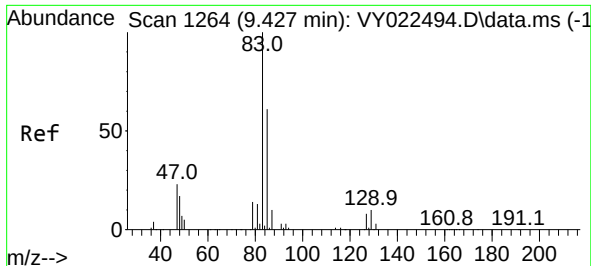
Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

174 82.1 70.4 105.6

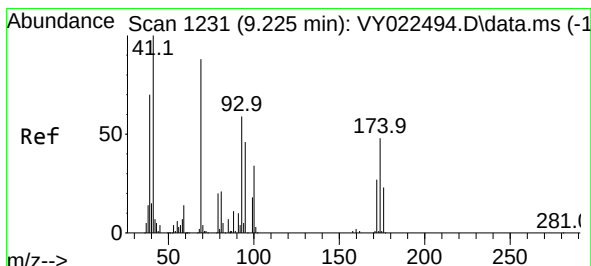
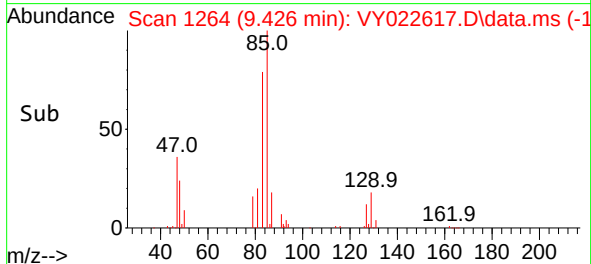
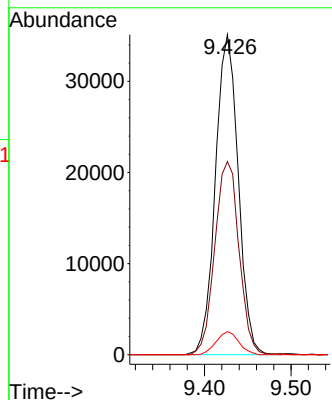
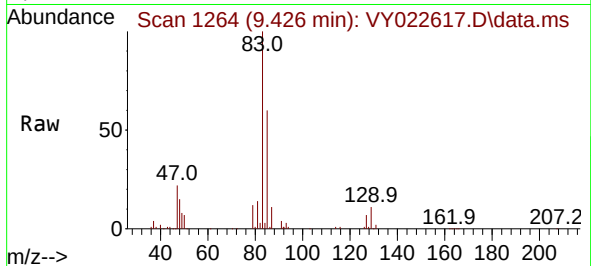




#47
Bromodichloromethane
Concen: 21.996 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

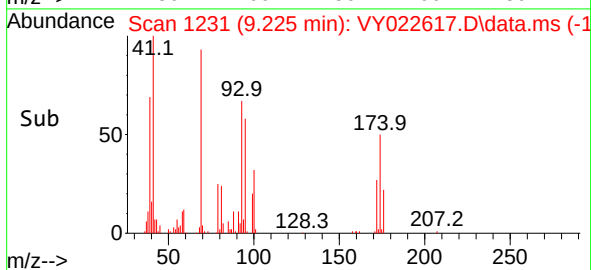
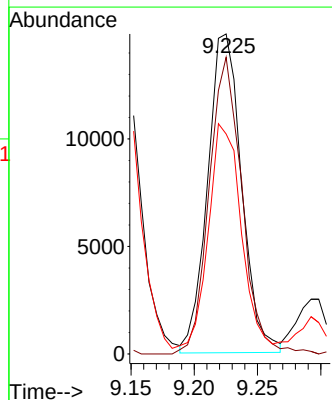
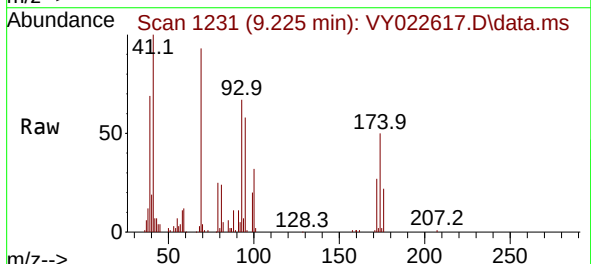
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

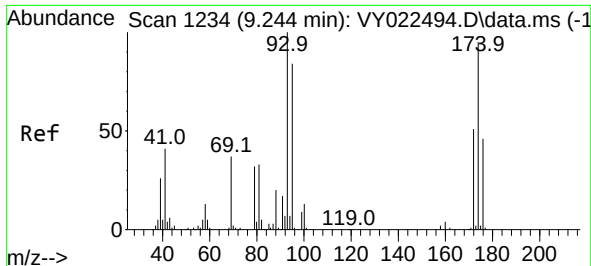
Tgt Ion: 83 Resp: 64292
Ion Ratio Lower Upper
83 100
85 60.4 49.1 73.7
127 7.2 6.2 9.4



#48
Methyl methacrylate
Concen: 20.910 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 41 Resp: 27745
Ion Ratio Lower Upper
41 100
69 89.8 67.8 101.8
39 67.7 55.0 82.4

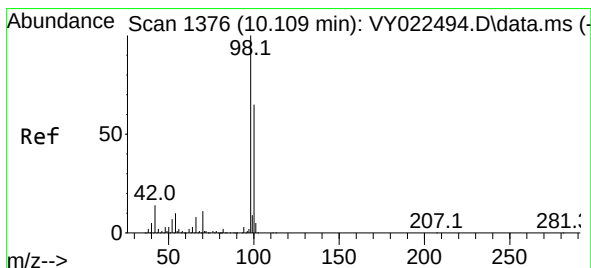
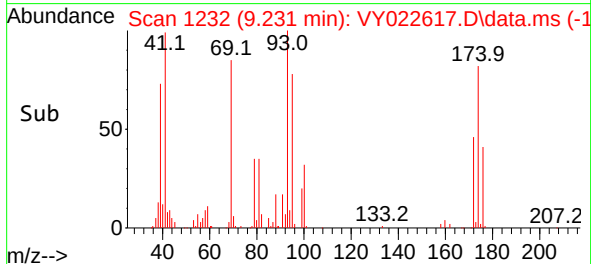
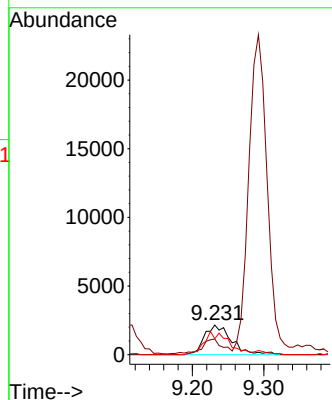
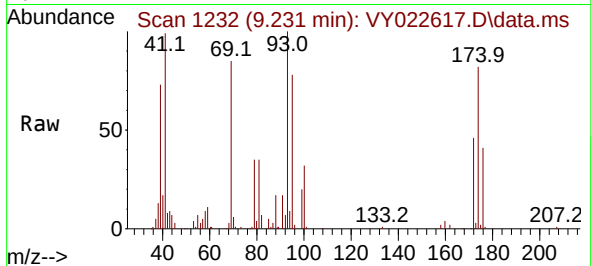




#49
1,4-Dioxane
Concen: 414.962 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

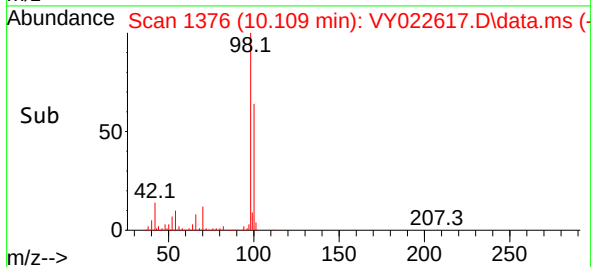
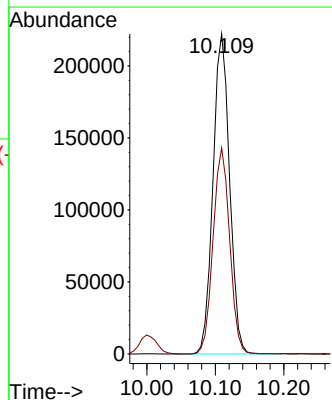
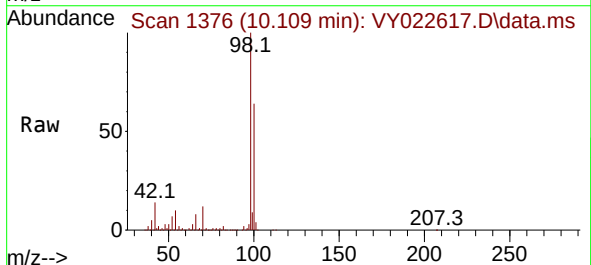
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

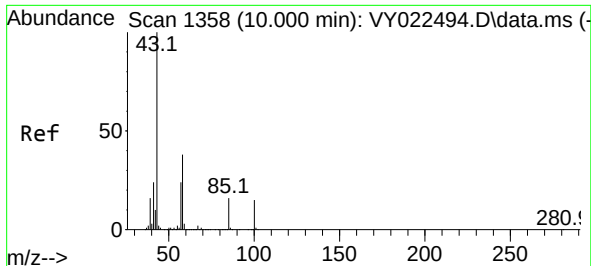
Tgt Ion: 88 Resp: 5667
Ion Ratio Lower Upper
88 100
43 38.3 25.4 38.2#
58 70.2 54.9 82.3



#50
Toluene-d8
Concen: 51.121 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 98 Resp: 373595
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

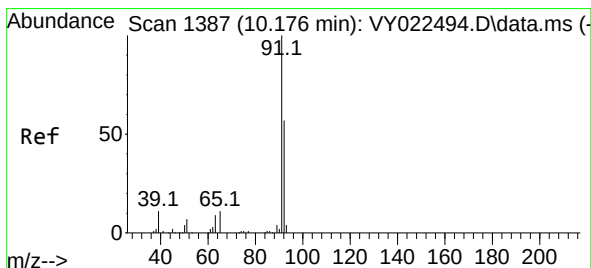
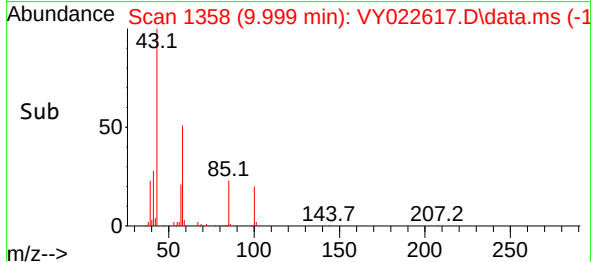
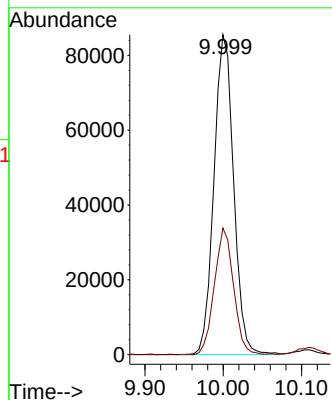
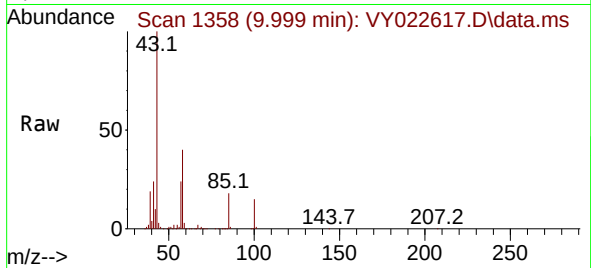




#51
4-Methyl-2-Pentanone
Concen: 105.642 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

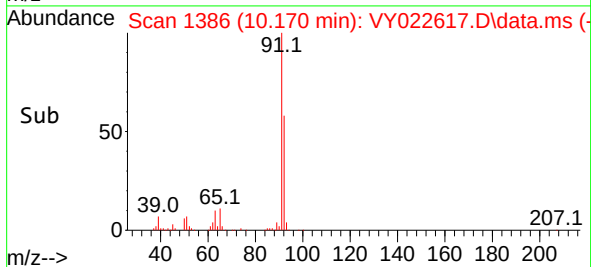
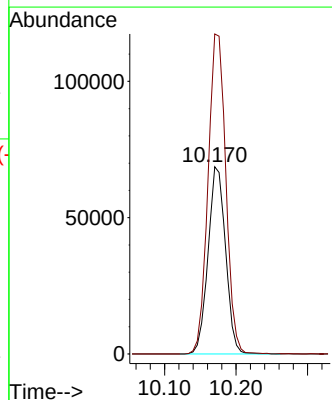
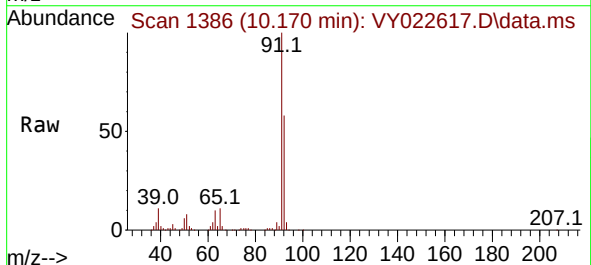
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

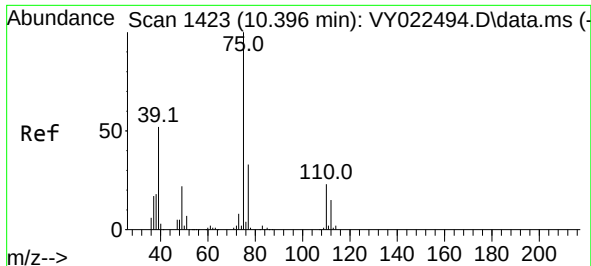
Tgt Ion: 43 Resp: 148908
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6



#52
Toluene
Concen: 21.430 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 92 Resp: 116760
Ion Ratio Lower Upper
92 100
91 173.9 139.0 208.4

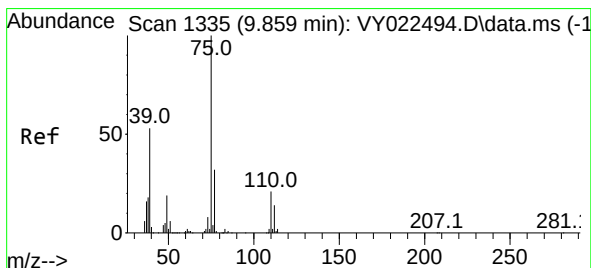
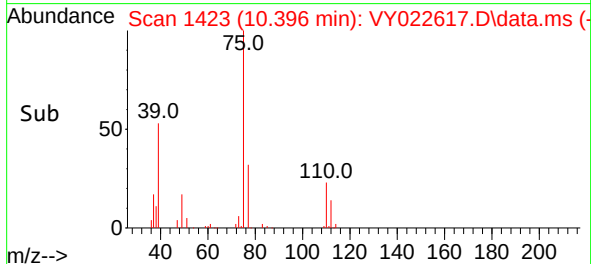
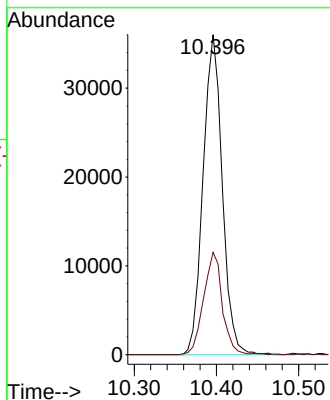
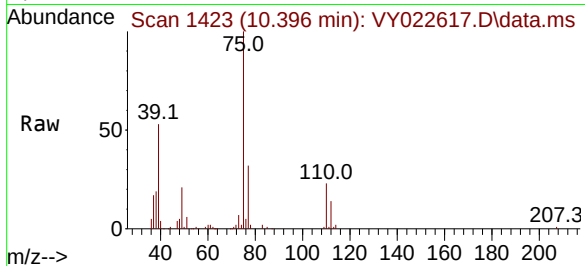




#53
t-1,3-Dichloropropene
Concen: 21.298 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

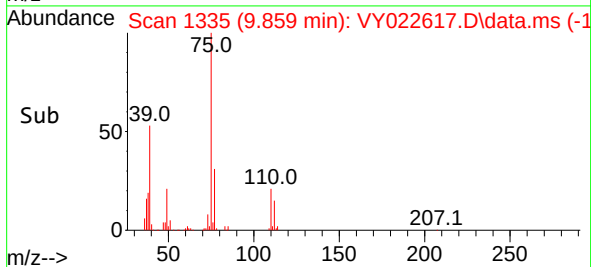
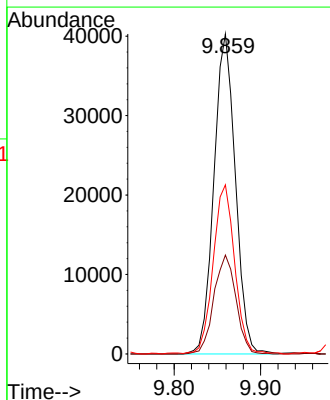
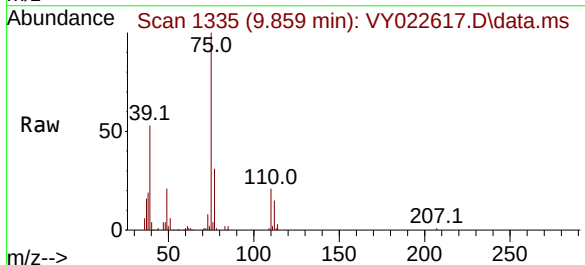
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

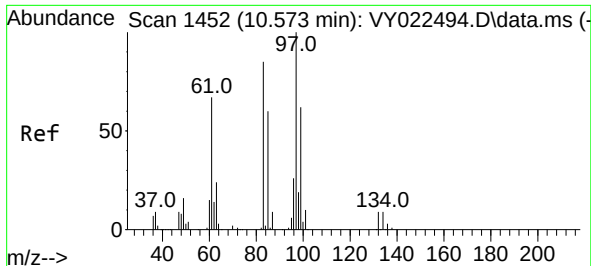
Tgt Ion: 75 Resp: 58329
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 21.705 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 75 Resp: 69196
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 52.6 42.7 64.1

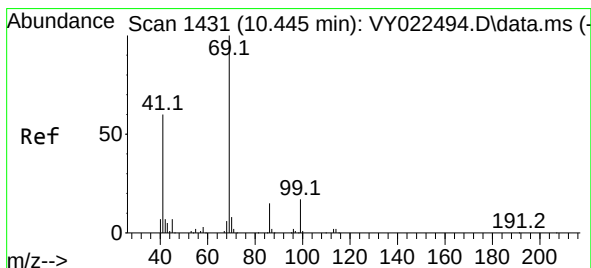
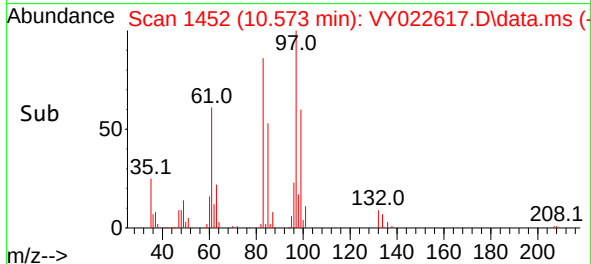
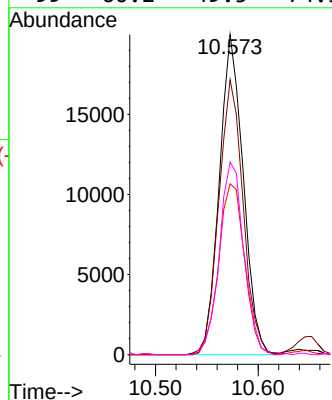
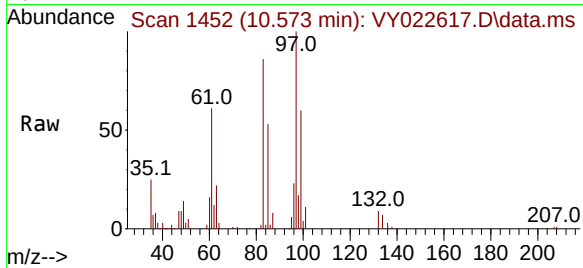




#55
1,1,2-Trichloroethane
Concen: 21.967 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

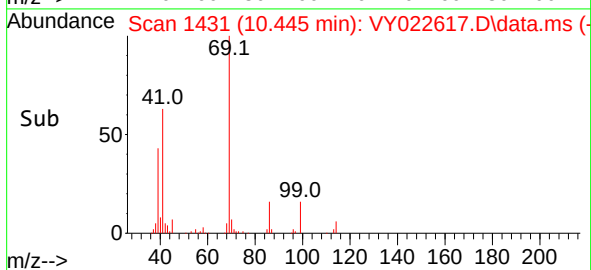
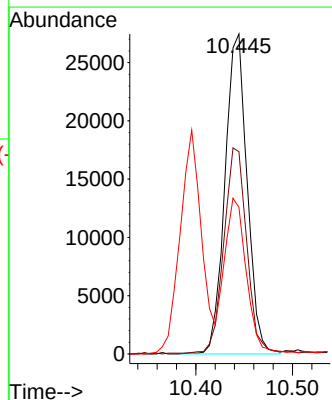
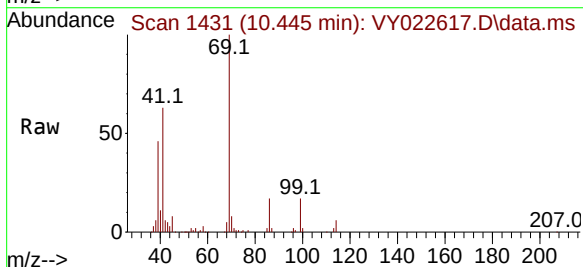
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

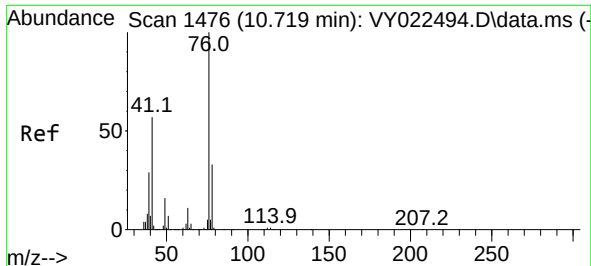
Tgt Ion: 97	Resp: 32289
Ion Ratio	Lower Upper
97 100	
83 85.9	68.1 102.1
85 53.4	48.2 72.2
99 60.2	49.5 74.3



#56
Ethyl methacrylate
Concen: 20.517 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 69	Resp: 43589
Ion Ratio	Lower Upper
69 100	
41 67.6	52.2 78.2
39 47.2	36.7 55.1





#57

1,3-Dichloropropane

Concen: 21.807 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

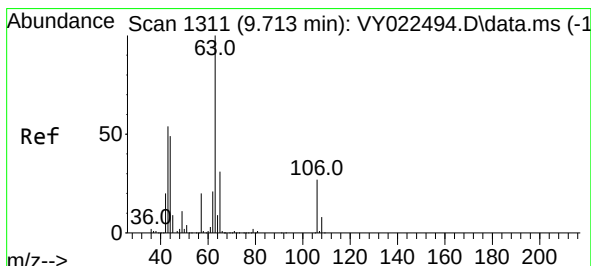
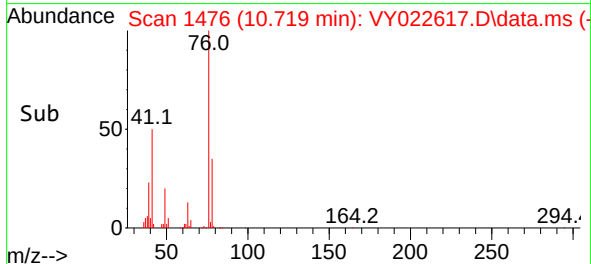
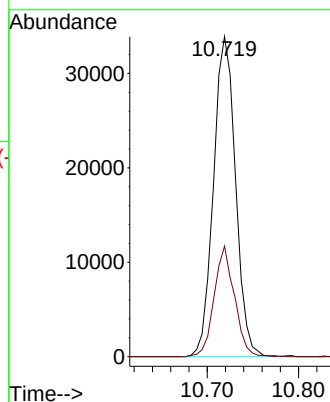
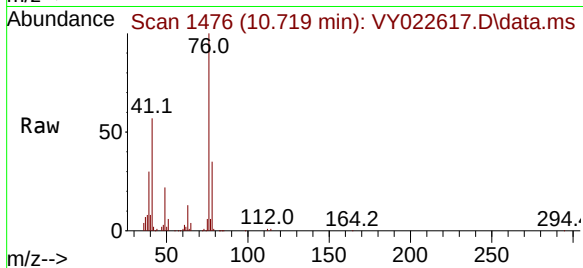
VY0609SBS01

Tgt Ion: 76 Resp: 56813

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 107.331 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022617.D

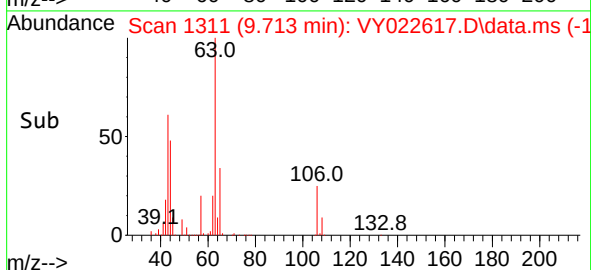
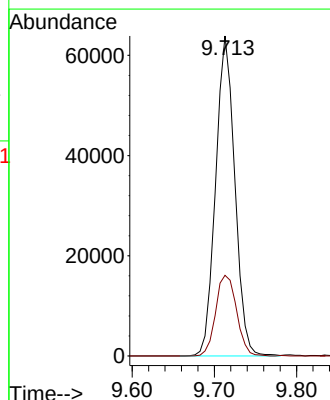
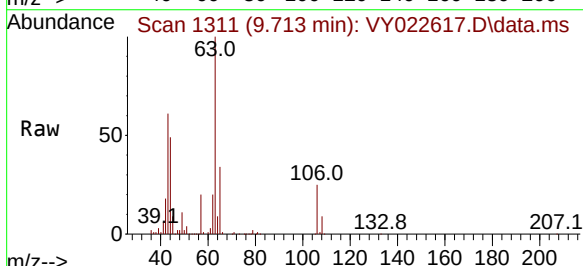
Acq: 09 Jun 2025 09:51

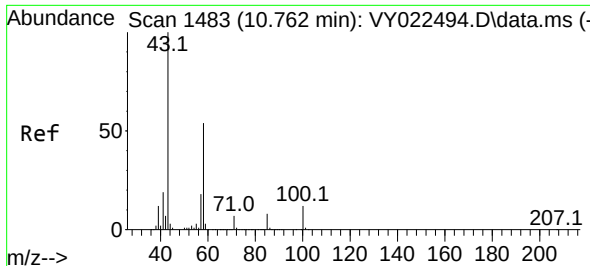
Tgt Ion: 63 Resp: 103528

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

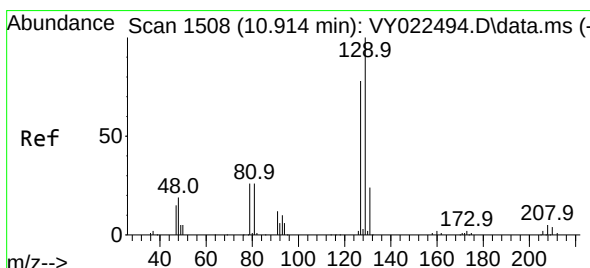
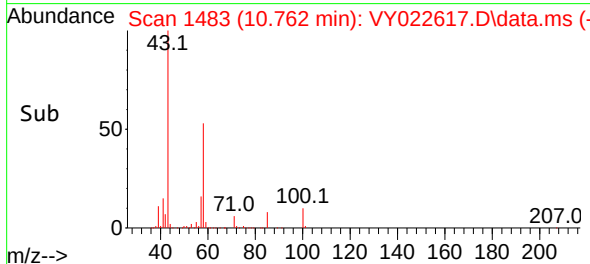
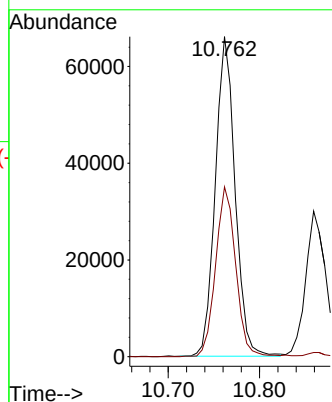
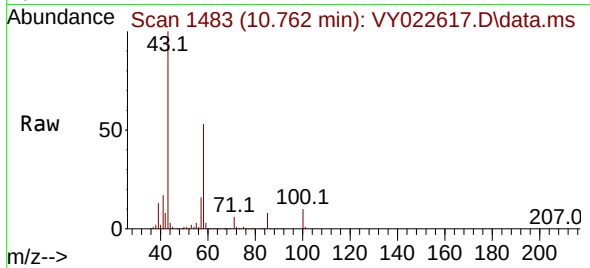




#59
2-Hexanone
Concen: 105.470 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

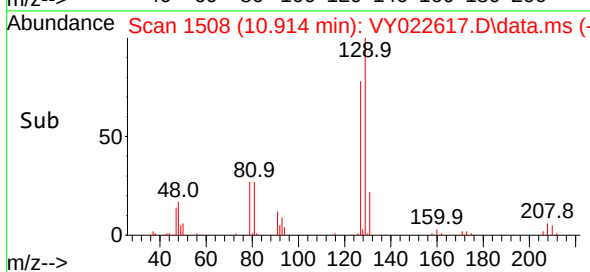
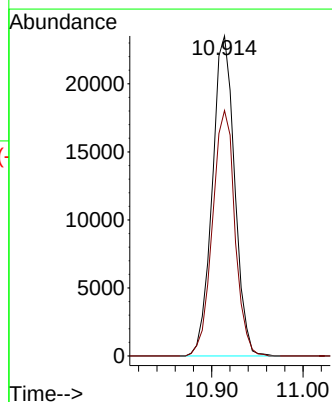
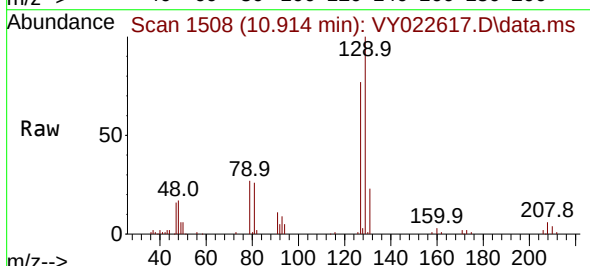
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

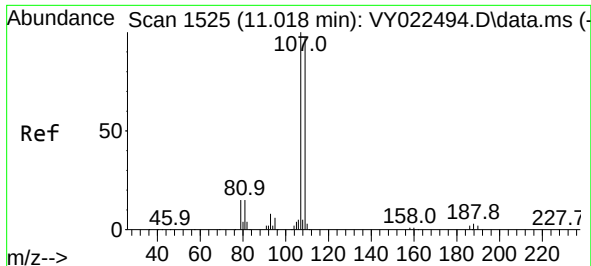
Tgt Ion: 43 Resp: 99426
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8



#60
Dibromochloromethane
Concen: 21.363 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 129 Resp: 39905
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

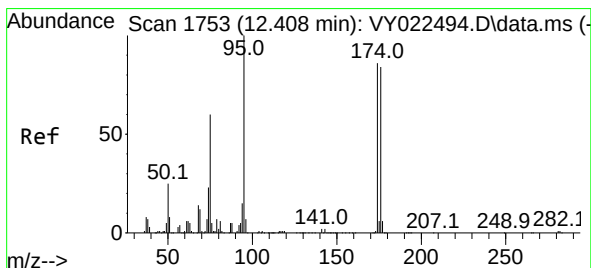
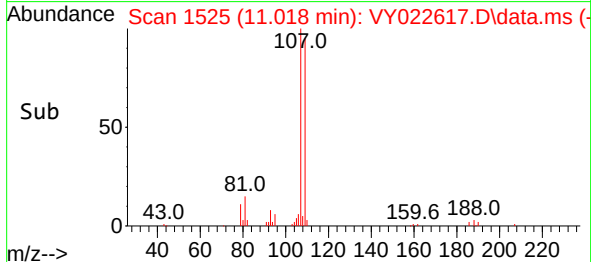
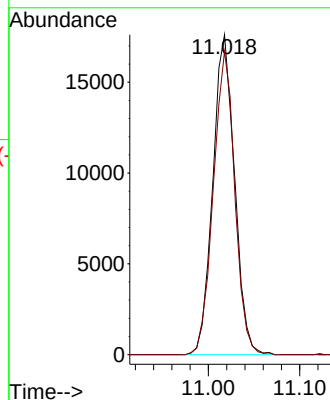
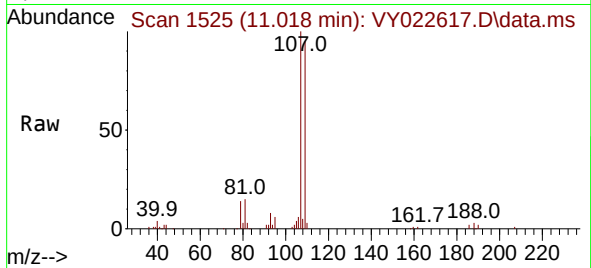




#61
1,2-Dibromoethane
Concen: 21.672 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

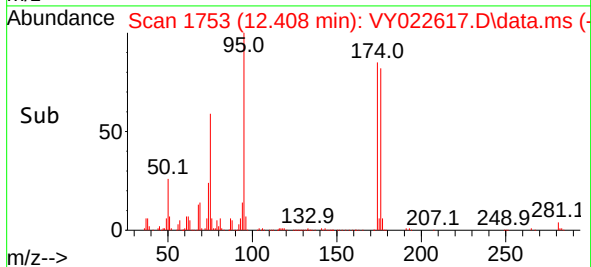
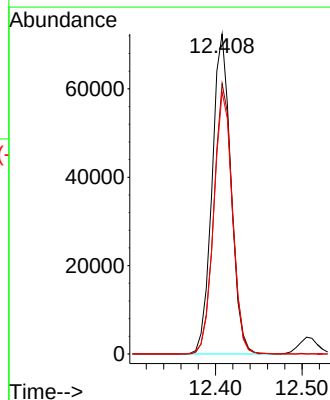
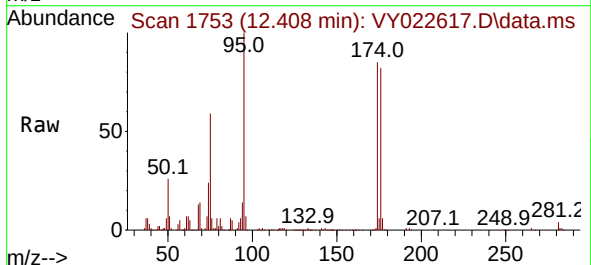
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

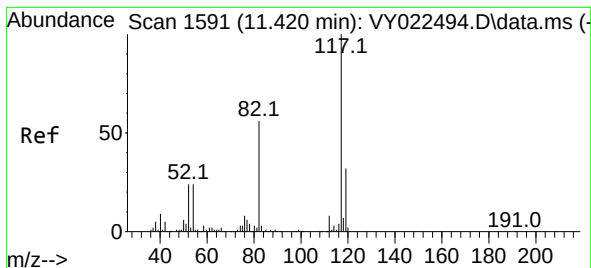
Tgt Ion:107 Resp: 29035
Ion Ratio Lower Upper
107 100
109 93.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.021 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 95 Resp: 108918
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.0
176 81.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

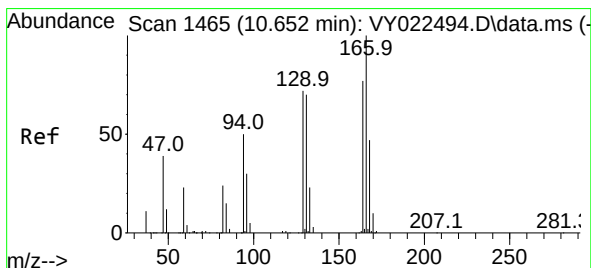
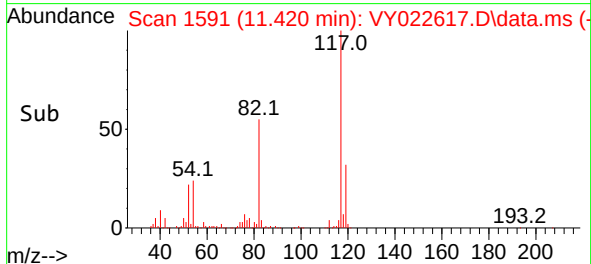
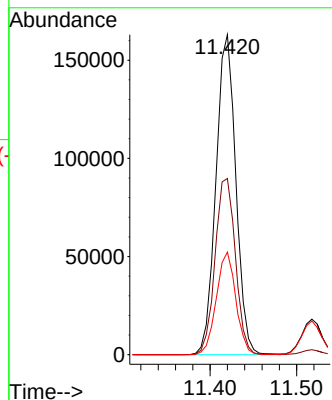
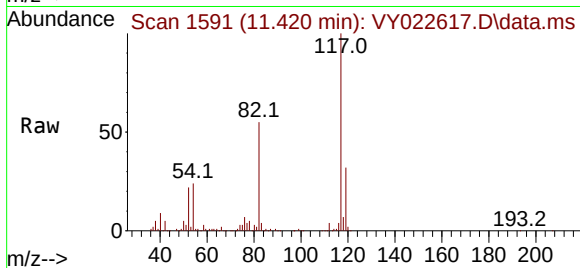
Tgt Ion:117 Resp: 260182

Ion Ratio Lower Upper

117 100

82 55.1 44.6 66.8

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 22.118 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Tgt Ion:164 Resp: 49502

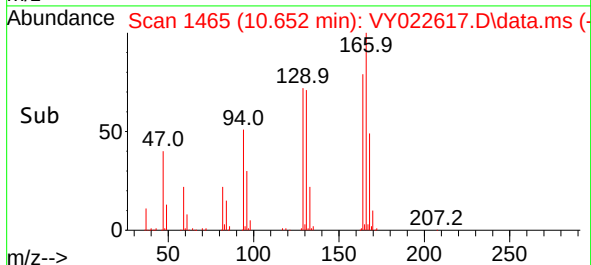
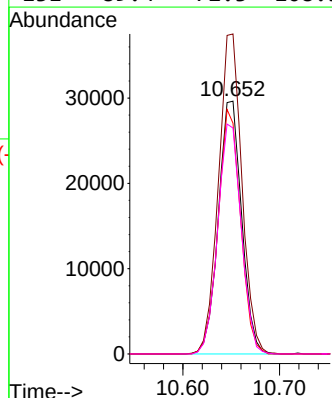
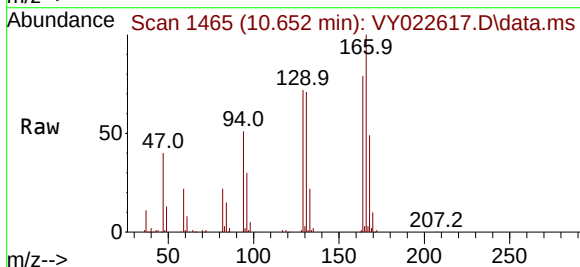
Ion Ratio Lower Upper

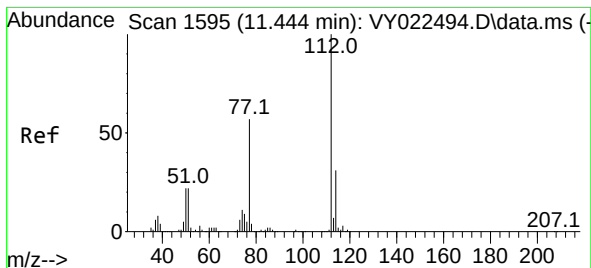
164 100

166 126.6 104.0 156.0

129 91.3 74.5 111.7

131 89.4 72.3 108.5

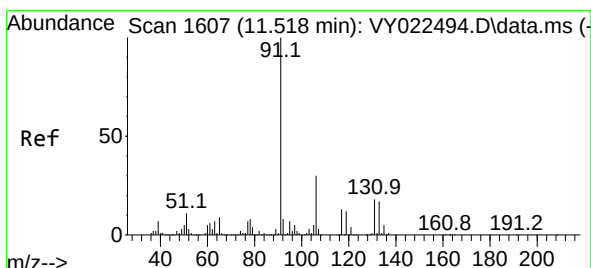
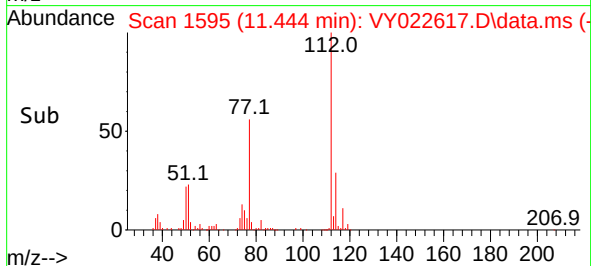
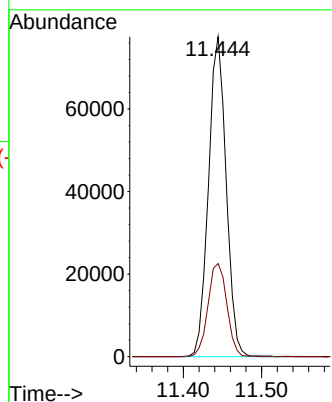
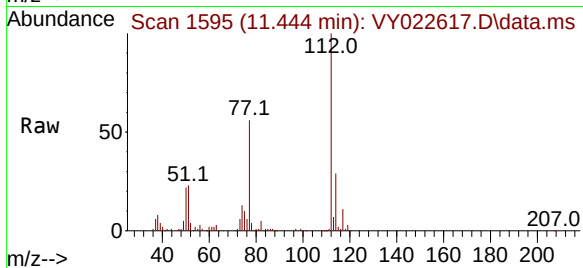




#65
Chlorobenzene
Concen: 21.111 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

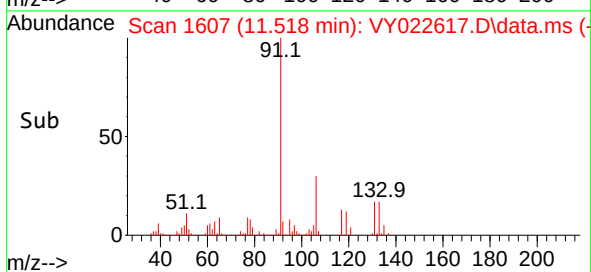
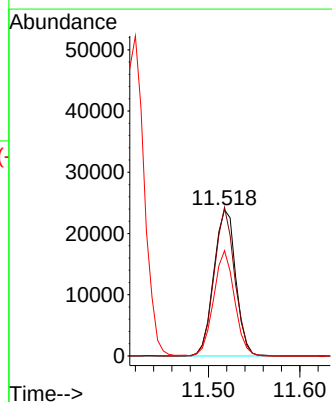
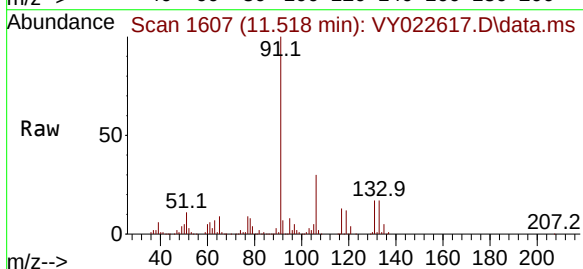
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

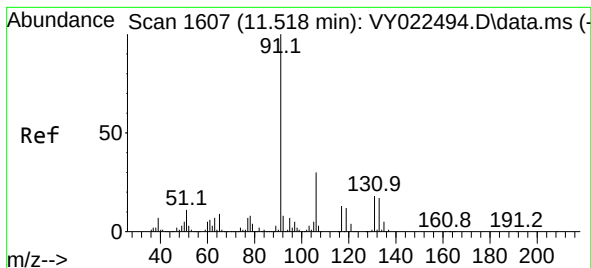
Tgt Ion:112 Resp: 121548
Ion Ratio Lower Upper
112 100
114 29.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.581 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion:131 Resp: 39918
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 68.4 33.1 99.3





#67

Ethyl Benzene

Concen: 20.739 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

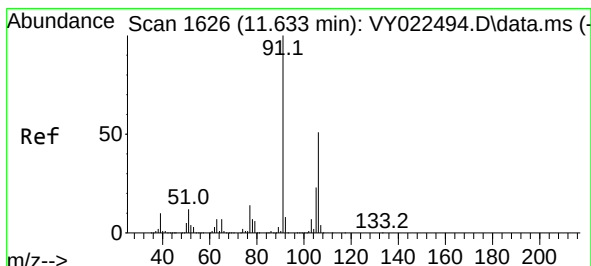
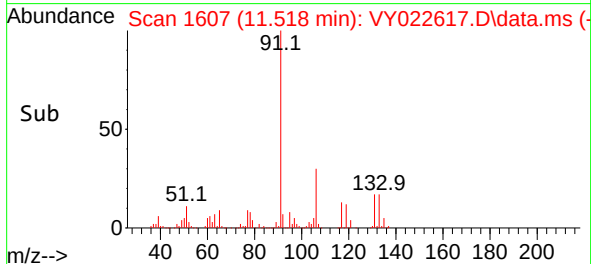
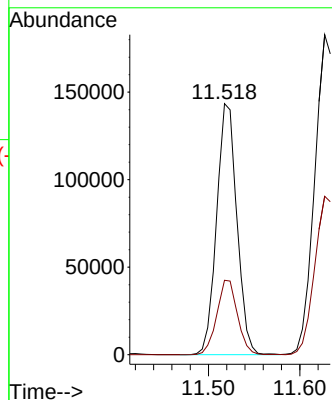
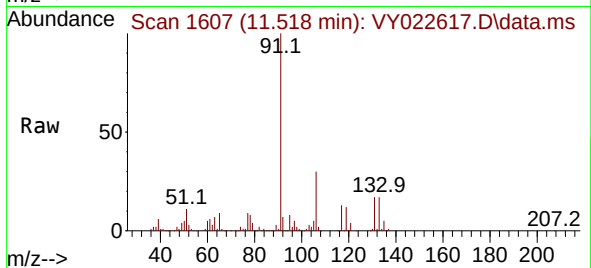
VY0609SBS01

Tgt Ion: 91 Resp: 221473

Ion Ratio Lower Upper

91 100

106 29.6 24.2 36.4



#68

m/p-Xylenes

Concen: 41.077 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022617.D

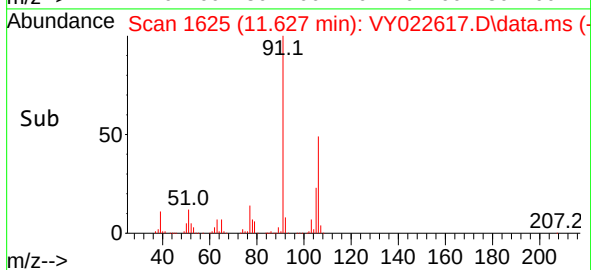
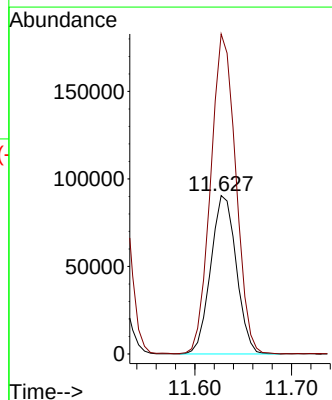
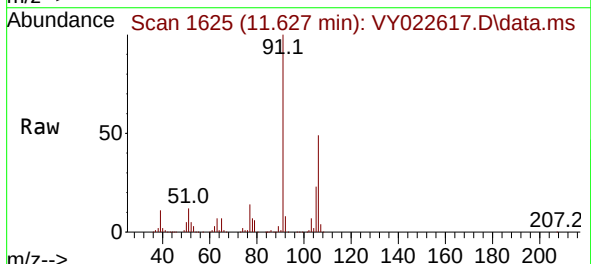
Acq: 09 Jun 2025 09:51

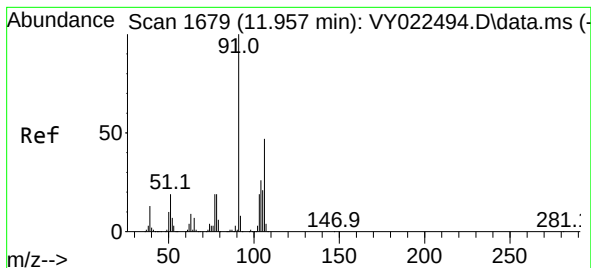
Tgt Ion: 106 Resp: 166291

Ion Ratio Lower Upper

106 100

91 198.4 159.4 239.0

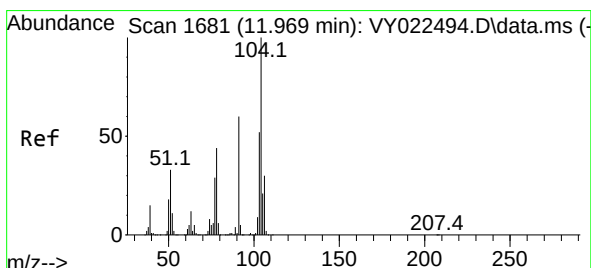
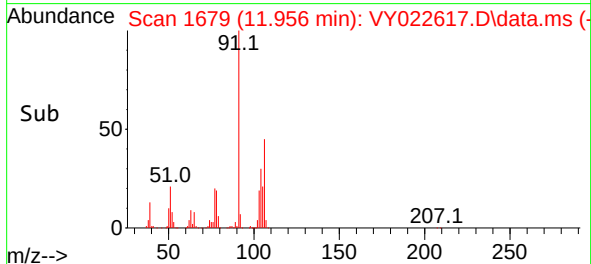
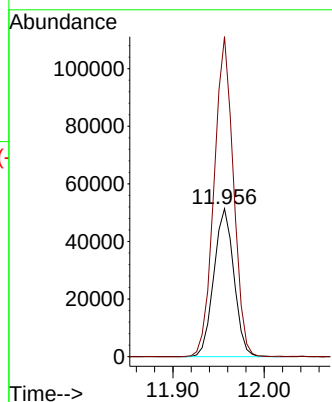
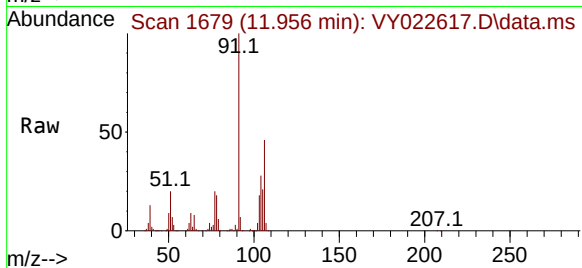




#69
o-Xylene
Concen: 20.657 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

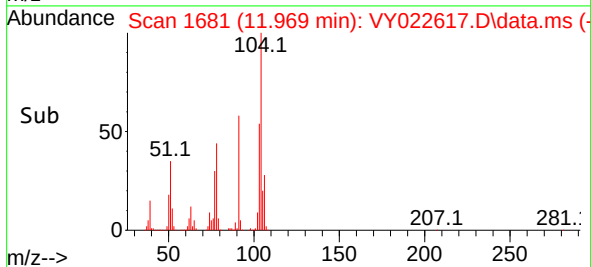
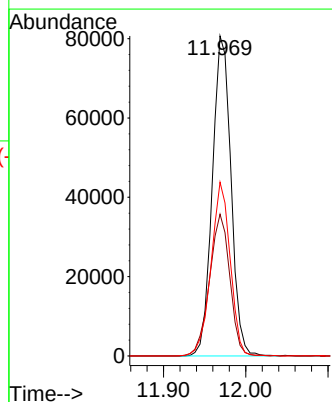
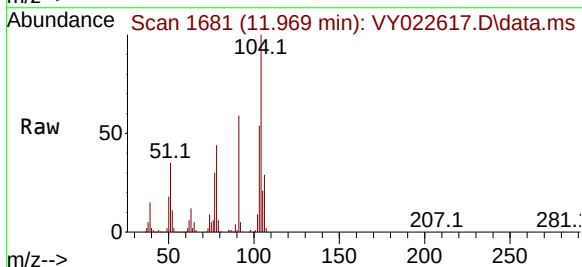
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

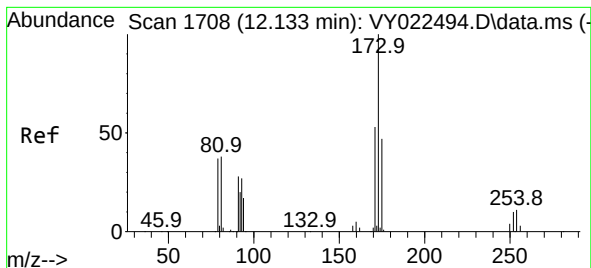
Tgt Ion:106 Resp: 78404
Ion Ratio Lower Upper
106 100
91 208.8 105.8 317.3



#70
Styrene
Concen: 20.285 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion:104 Resp: 127270
Ion Ratio Lower Upper
104 100
78 48.3 39.5 59.3
103 55.8 44.1 66.1





#71

Bromoform

Concen: 20.827 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

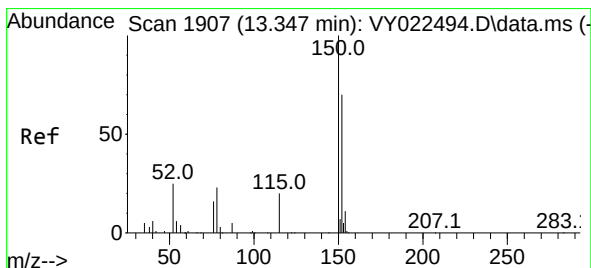
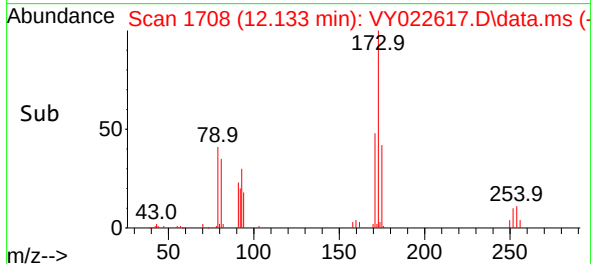
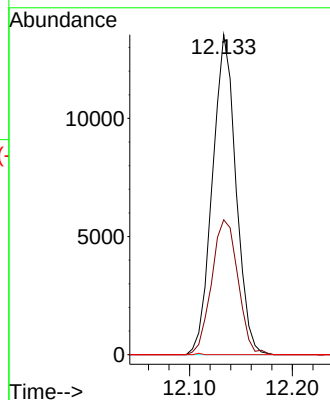
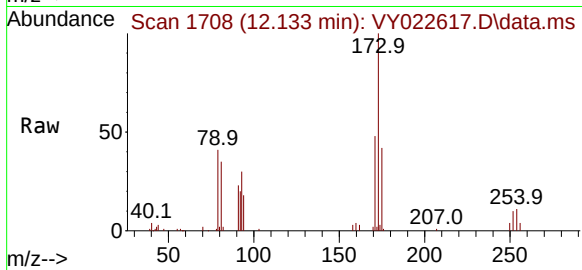
Tgt Ion:173 Resp: 21496

Ion Ratio Lower Upper

173 100

175 47.2 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

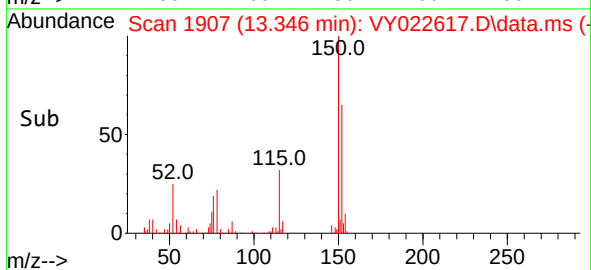
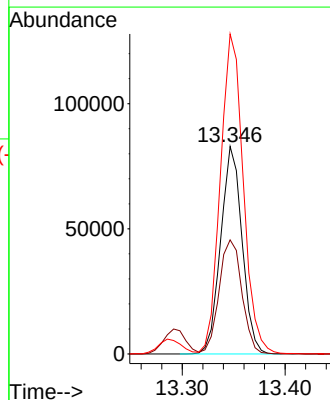
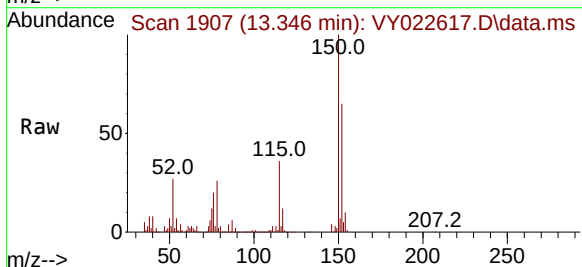
Tgt Ion:152 Resp: 119835

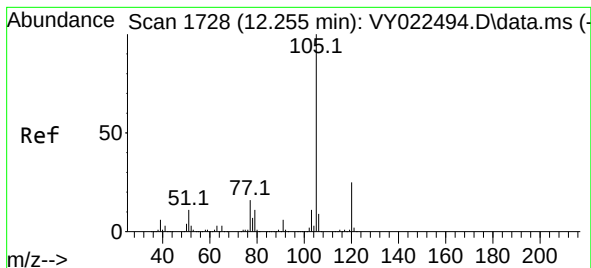
Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.7

150 164.9 0.0 349.6





#73

Isopropylbenzene

Concen: 20.776 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

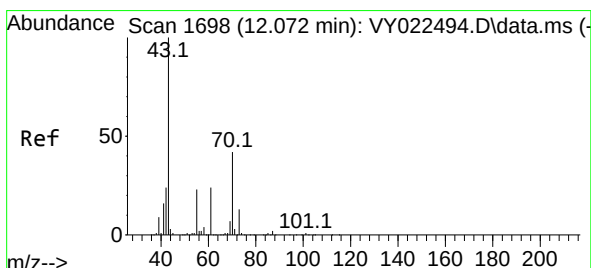
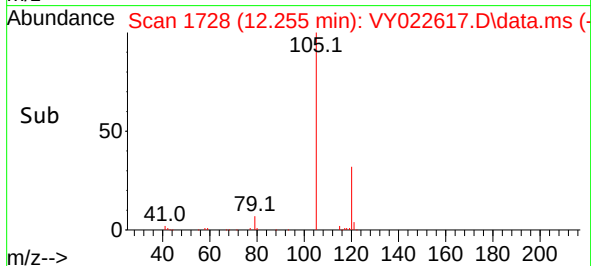
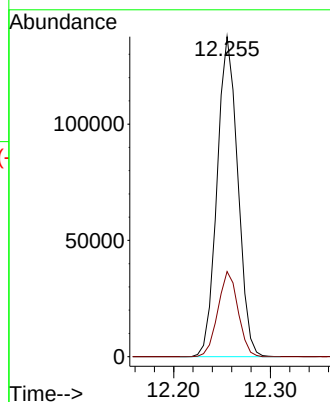
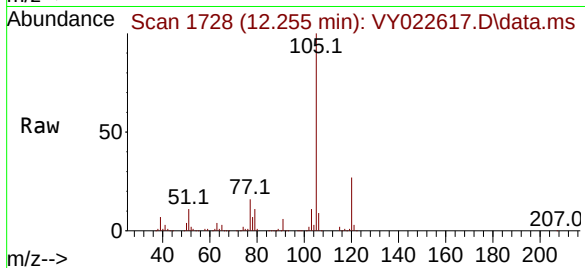
VY0609SBSD01

Tgt Ion:105 Resp: 204406

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 20.386 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Tgt Ion: 43 Resp: 50607

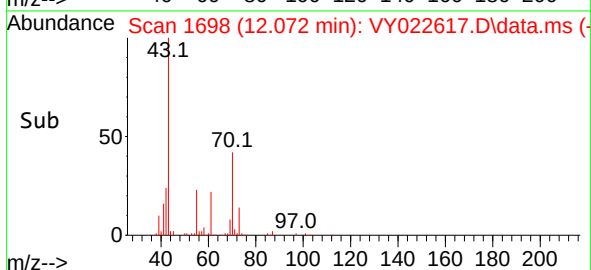
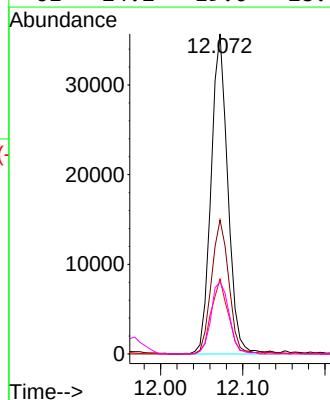
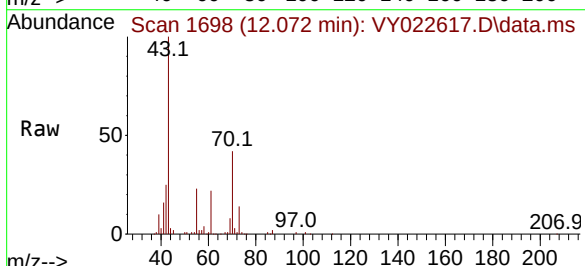
Ion Ratio Lower Upper

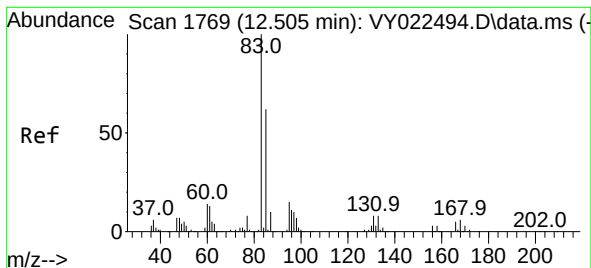
43 100

70 43.5 34.2 51.2

55 23.7 18.2 27.4

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.379 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

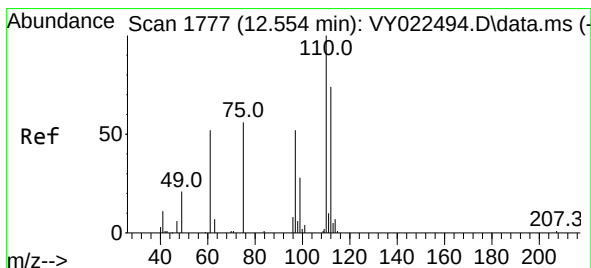
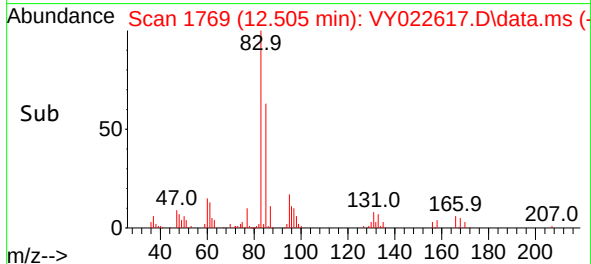
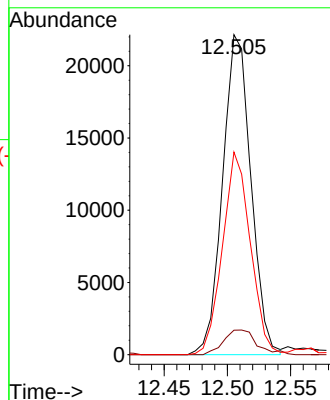
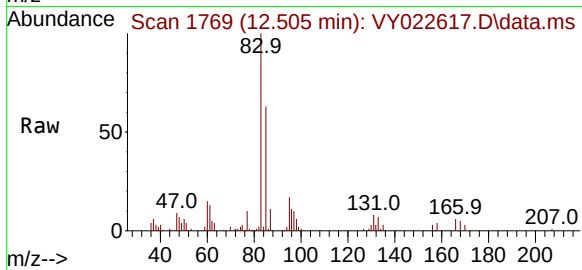
Tgt Ion: 83 Resp: 34521

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.7

85 62.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 34.853 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022617.D

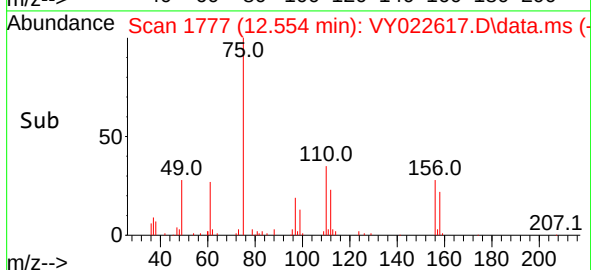
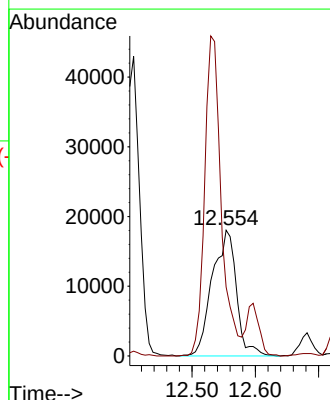
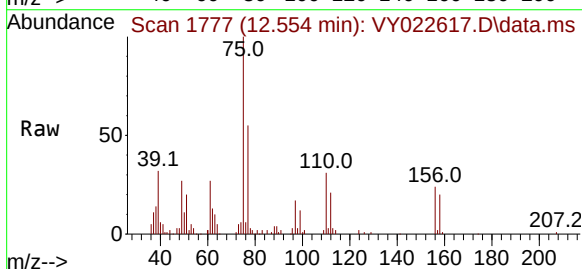
Acq: 09 Jun 2025 09:51

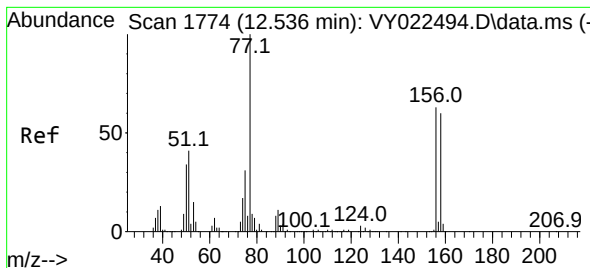
Tgt Ion: 75 Resp: 47782

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.864 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

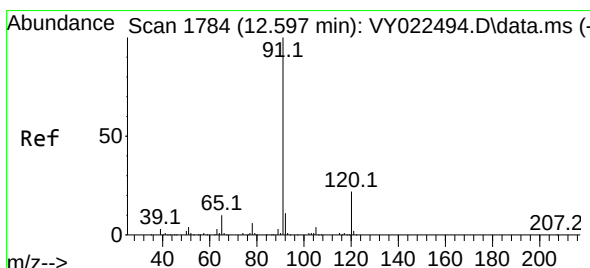
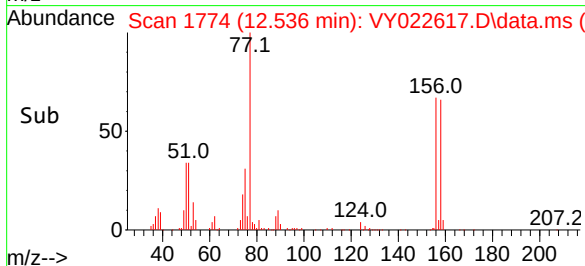
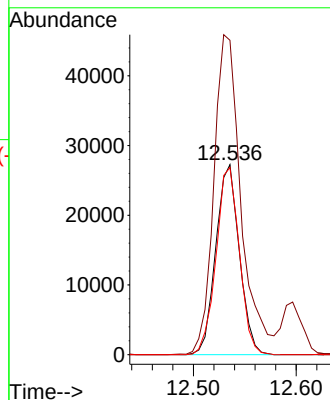
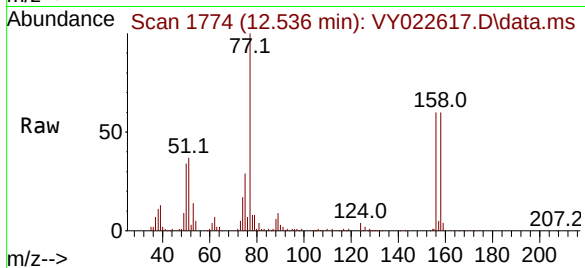
Tgt Ion:156 Resp: 43316

Ion Ratio Lower Upper

156 100

77 194.6 94.0 282.1

158 97.3 48.2 144.6



#78

n-propylbenzene

Concen: 20.789 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022617.D

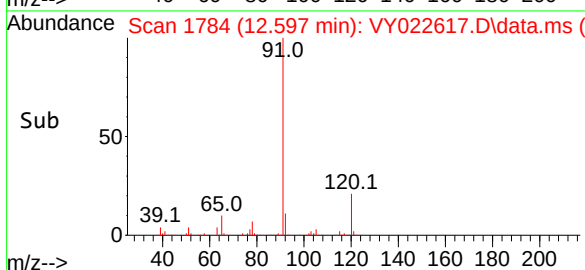
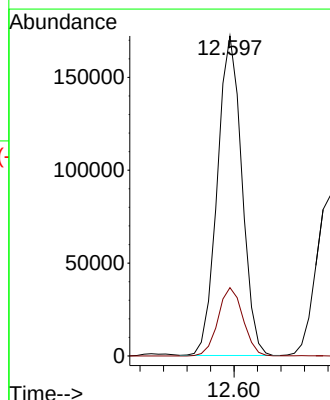
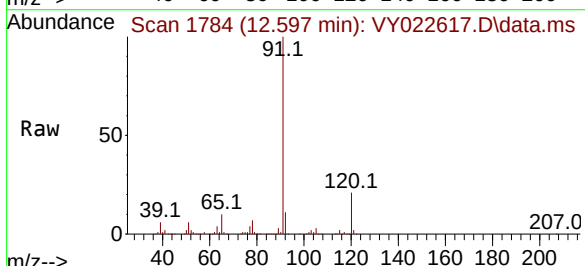
Acq: 09 Jun 2025 09:51

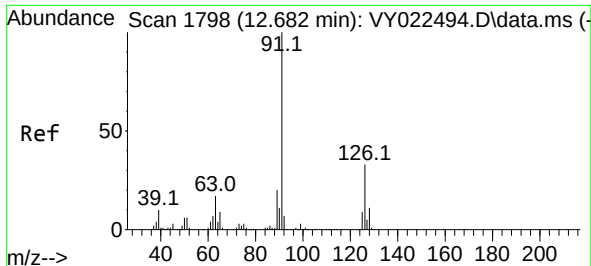
Tgt Ion: 91 Resp: 249810

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4

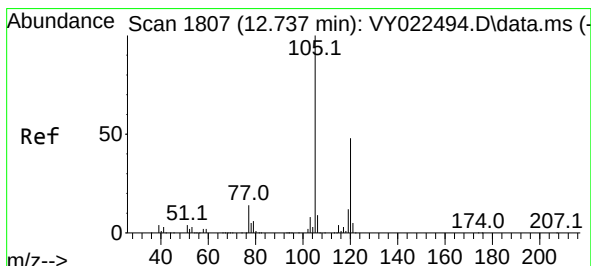
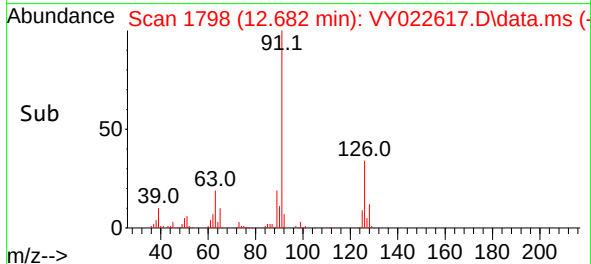
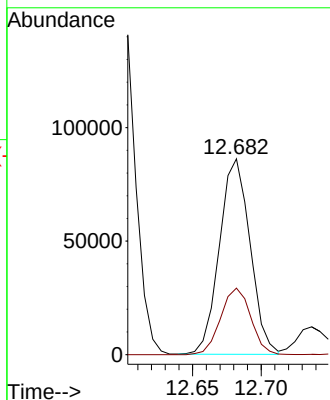
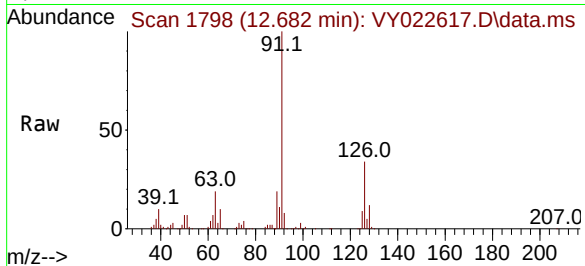




#79
2-Chlorotoluene
Concen: 21.048 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

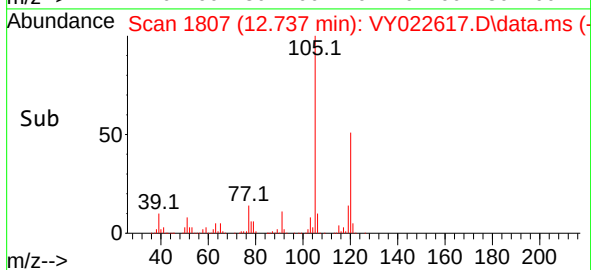
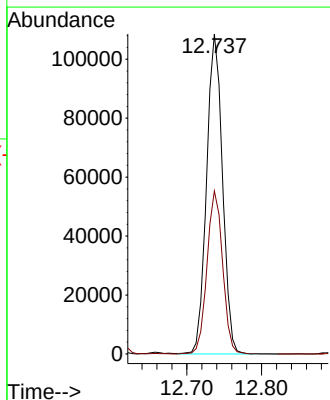
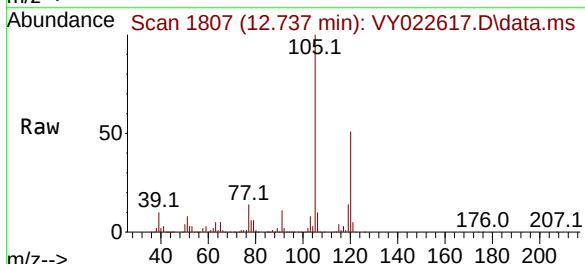
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

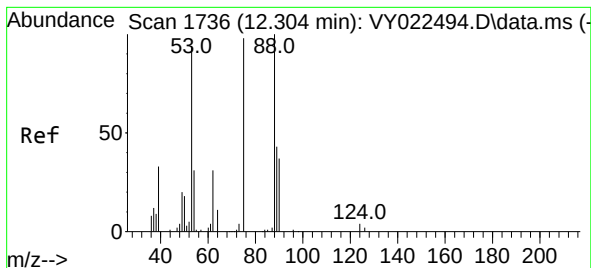
Tgt Ion: 91 Resp: 134053
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.765 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 105 Resp: 160390
Ion Ratio Lower Upper
105 100
120 50.1 24.1 72.4

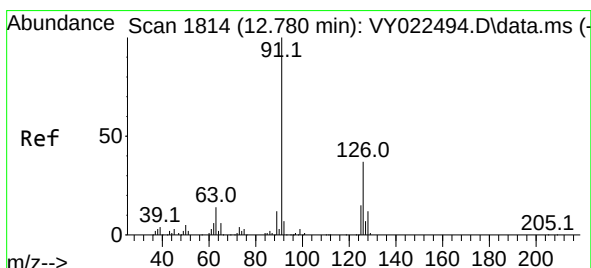
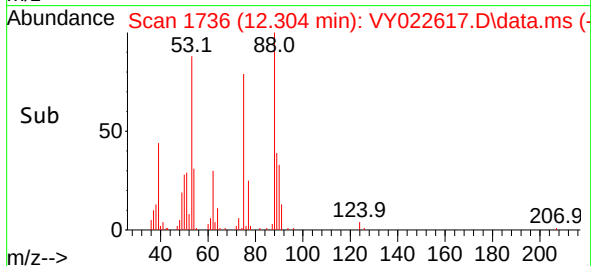
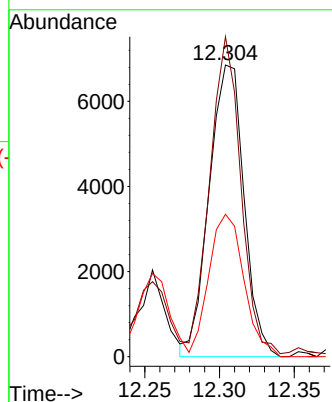
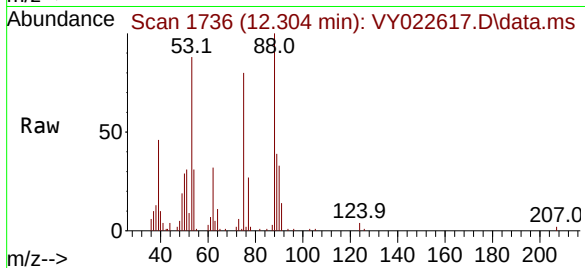




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.577 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

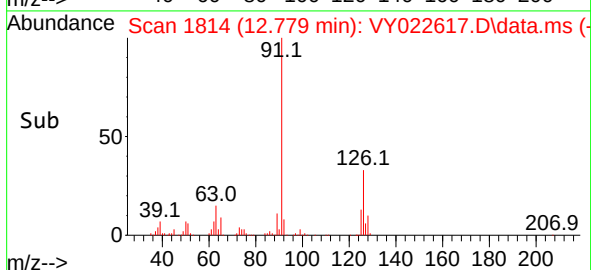
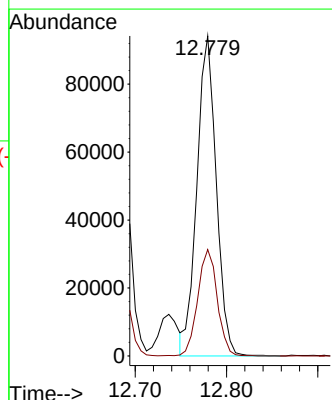
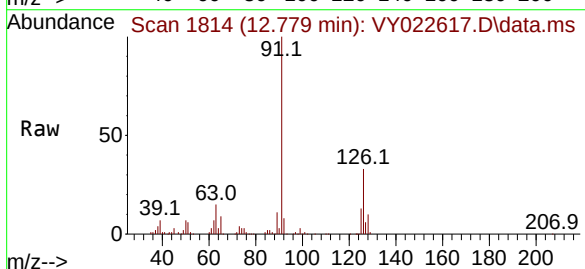
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBSD01

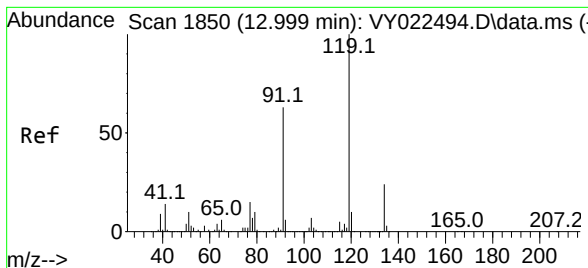
Tgt Ion: 75 Resp: 11114
 Ion Ratio Lower Upper
 75 100
 53 95.4 78.5 117.7
 89 49.1 35.7 53.5



#82
 4-Chlorotoluene
 Concen: 21.112 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

Tgt Ion: 91 Resp: 138707
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.939 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

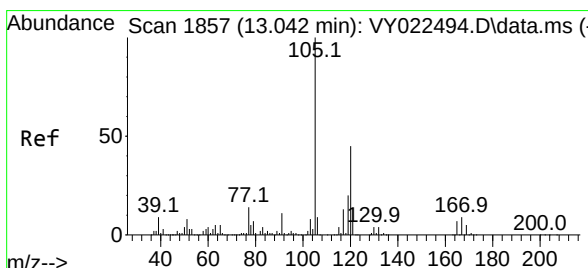
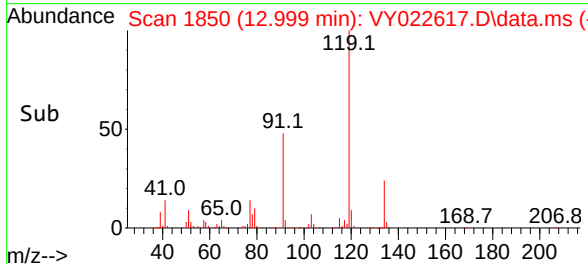
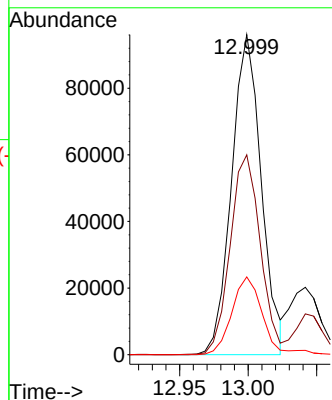
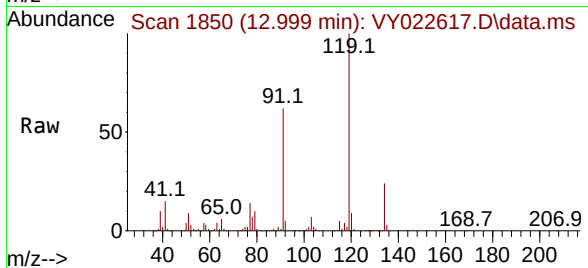
Tgt Ion:119 Resp: 145162

Ion Ratio Lower Upper

119 100

91 63.3 32.1 96.3

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.580 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022617.D

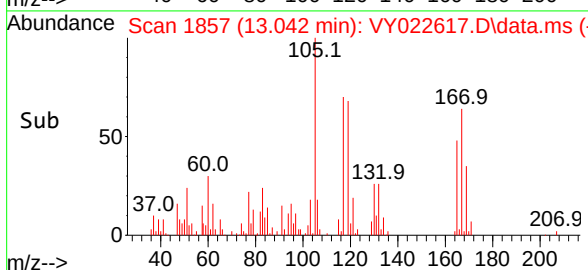
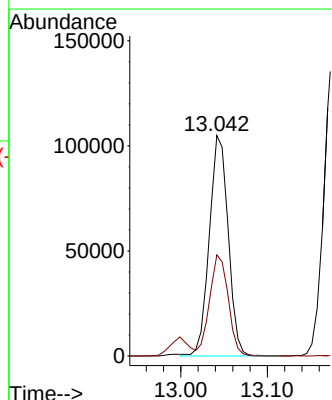
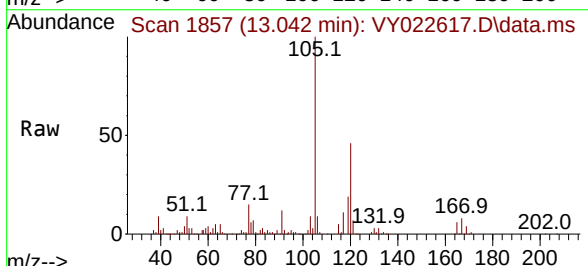
Acq: 09 Jun 2025 09:51

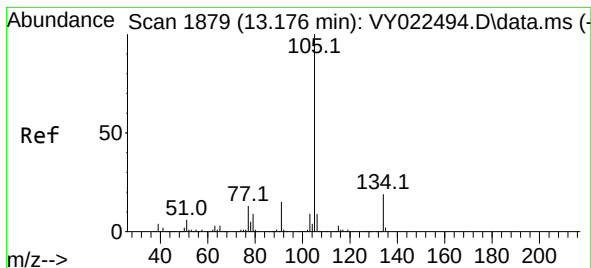
Tgt Ion:105 Resp: 158986

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.675 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

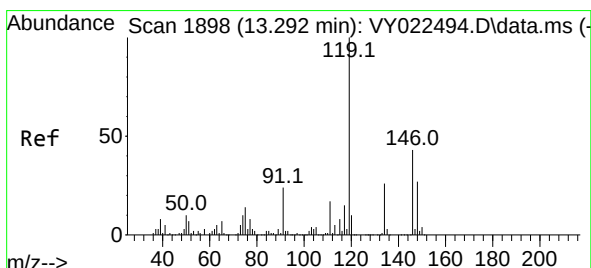
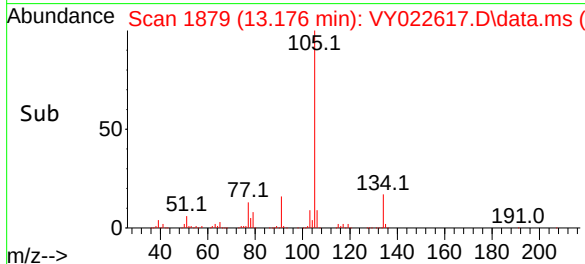
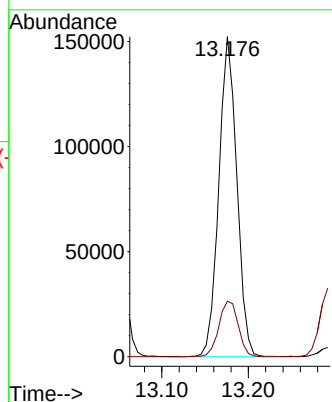
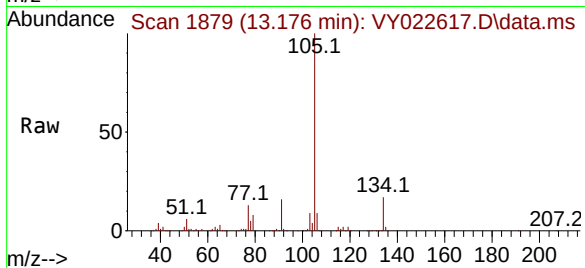
VY0609SBS01

Tgt Ion:105 Resp: 219518

Ion Ratio Lower Upper

105 100

134 18.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.468 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

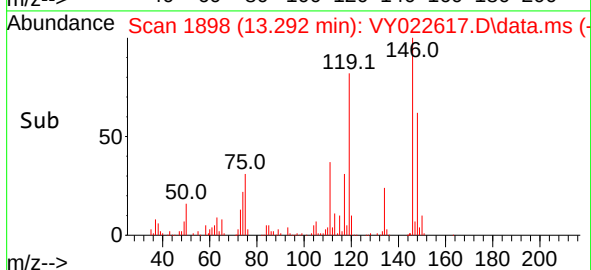
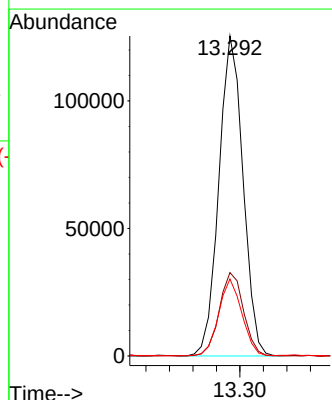
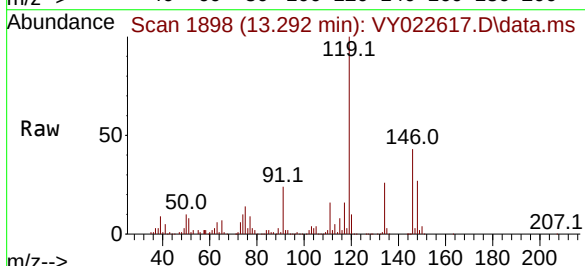
Tgt Ion:119 Resp: 179129

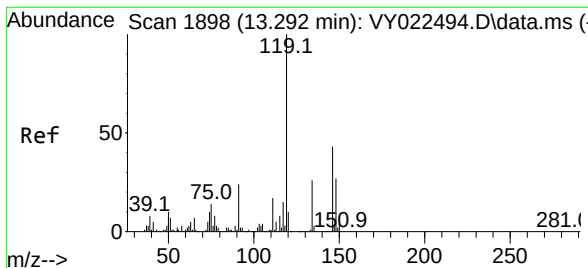
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.692 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

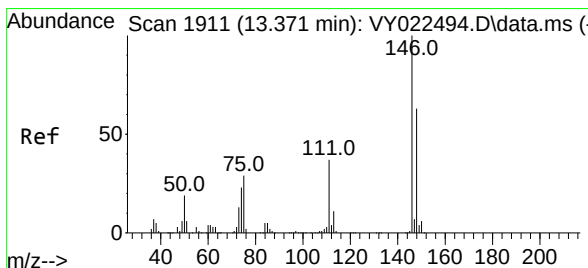
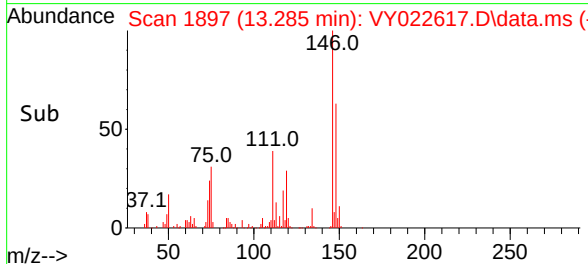
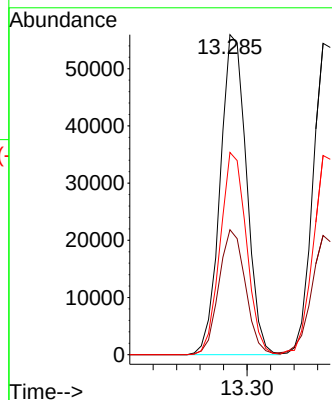
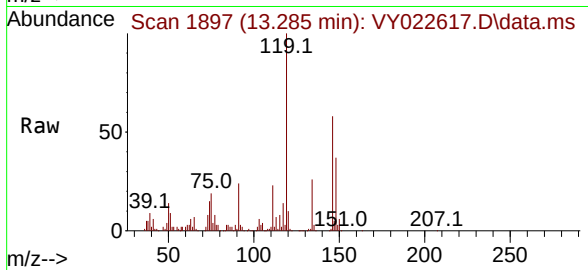
Tgt Ion:146 Resp: 87042

Ion Ratio Lower Upper

146 100

111 39.4 20.1 60.2

148 63.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.107 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

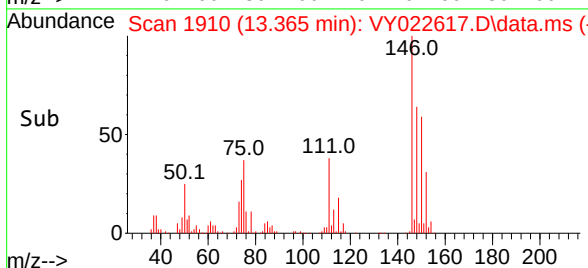
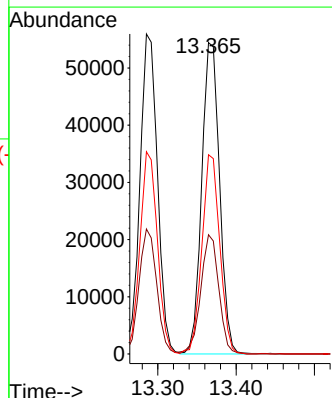
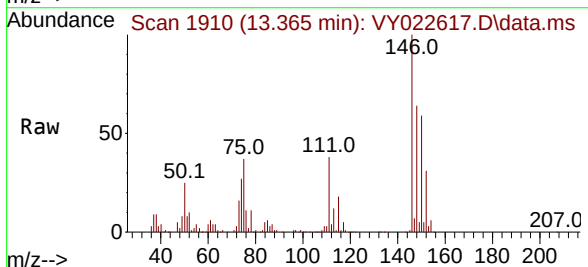
Tgt Ion:146 Resp: 86113

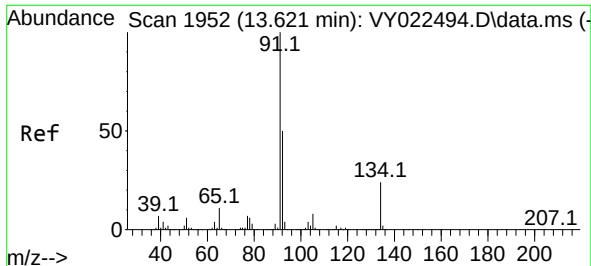
Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 64.1 31.6 94.8

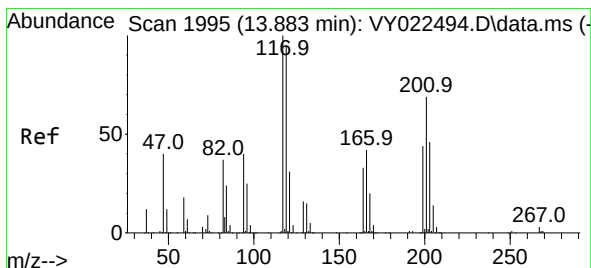
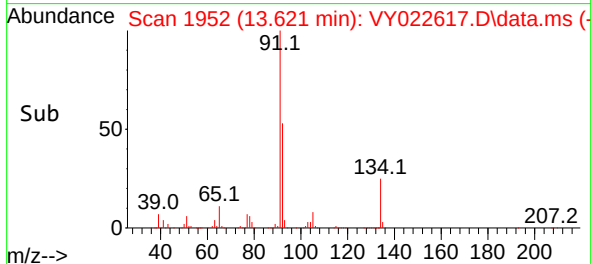
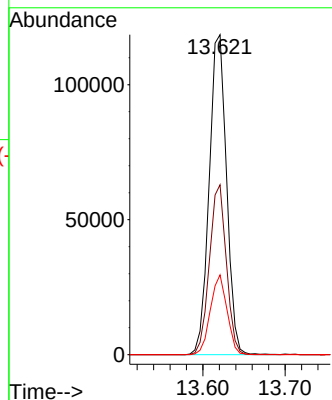
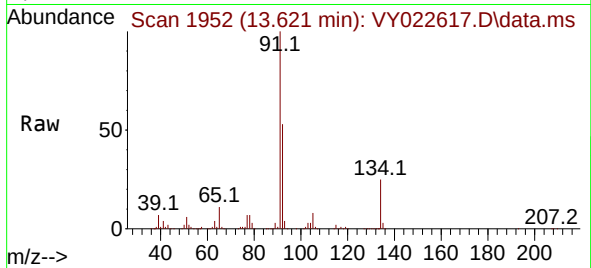




#89
n-Butylbenzene
Concen: 20.913 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

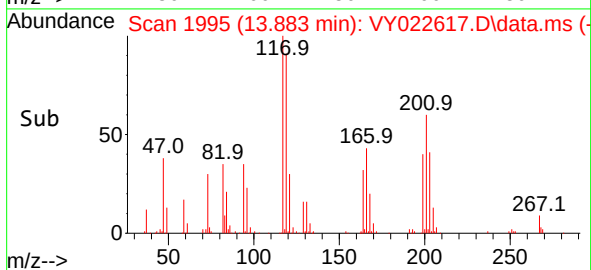
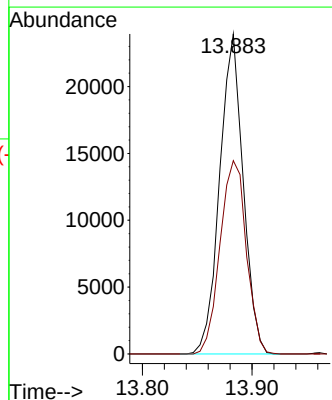
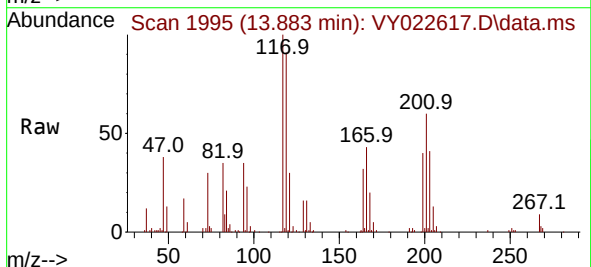
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

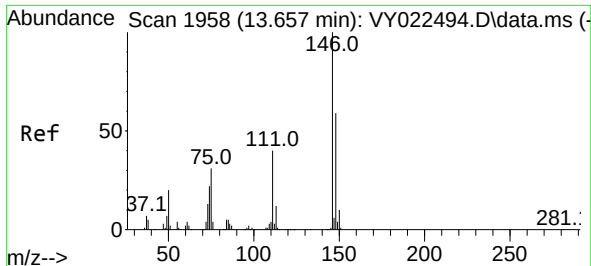
Tgt Ion: 91 Resp: 173645
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.8
134 23.9 12.0 36.1



#90
Hexachloroethane
Concen: 20.930 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022617.D
Acq: 09 Jun 2025 09:51

Tgt Ion: 117 Resp: 35661
Ion Ratio Lower Upper
117 100
201 67.5 34.0 102.0

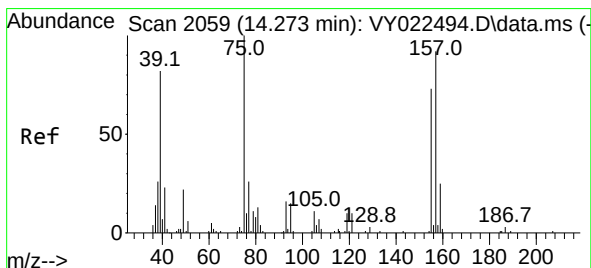
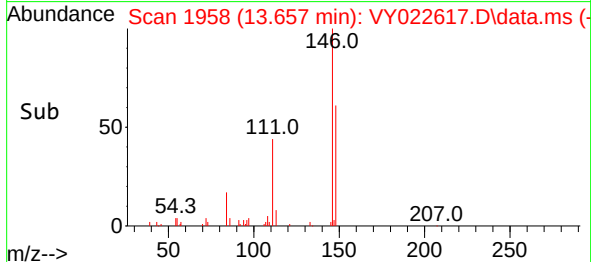
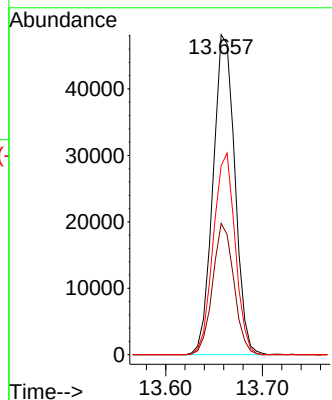
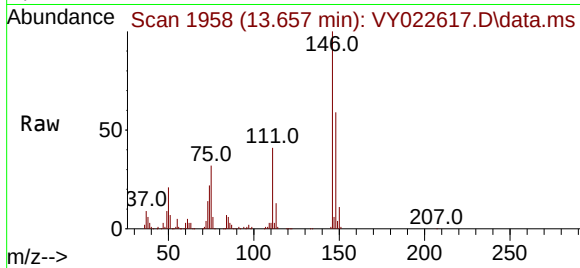




#91
 1,2-Dichlorobenzene
 Concen: 21.212 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

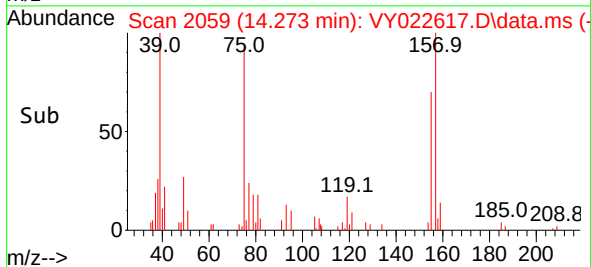
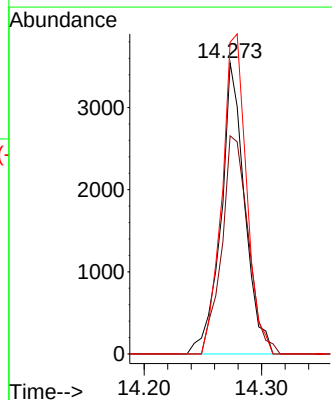
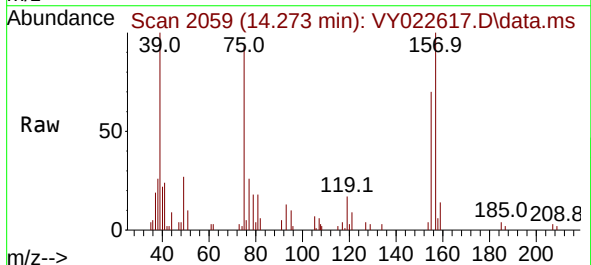
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBSD01

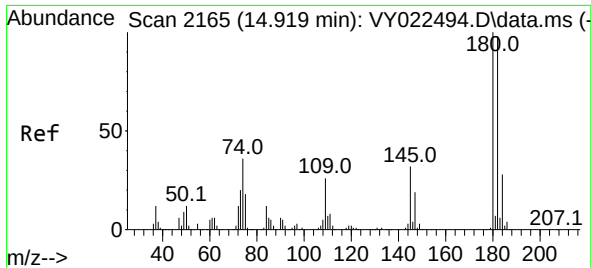
Tgt Ion:	146	Resp:	75756
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.2	60.6
148	63.0	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.157 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

Tgt Ion:	75	Resp:	4974
Ion Ratio	Lower	Upper	
75	100		
155	83.7	39.9	119.6
157	113.4	54.0	162.0

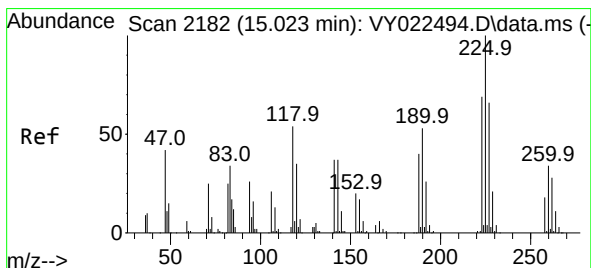
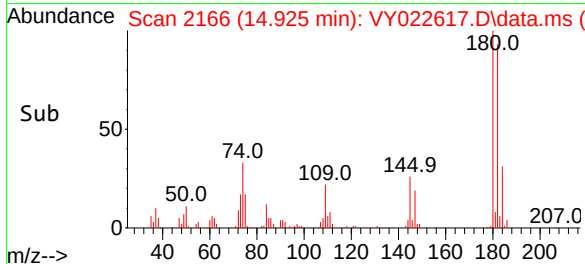
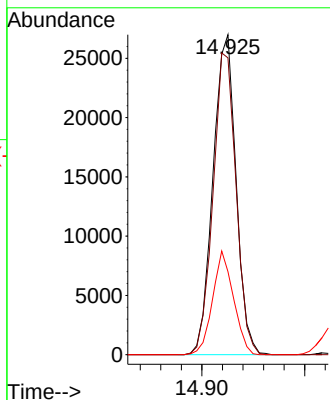
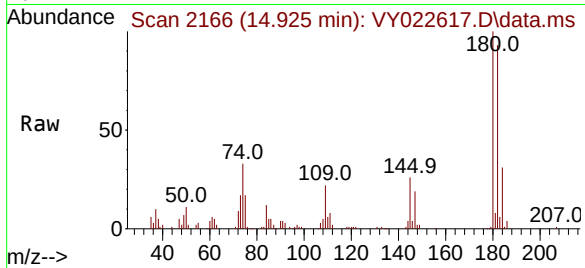




#93
 1,2,4-Trichlorobenzene
 Concen: 21.487 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

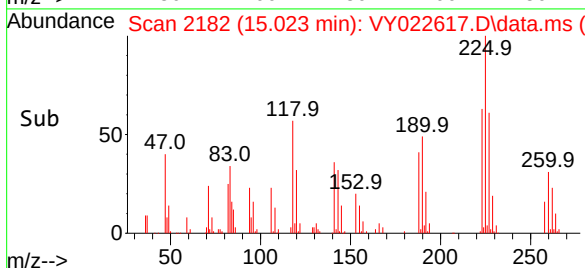
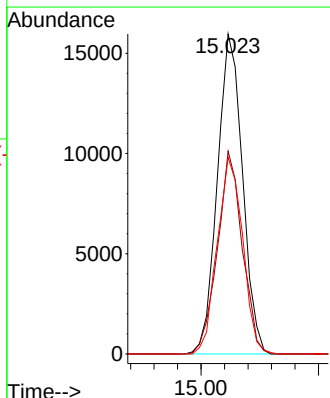
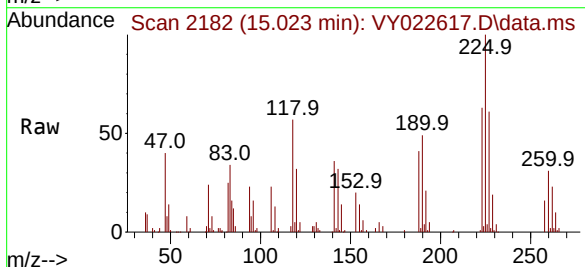
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBSD01

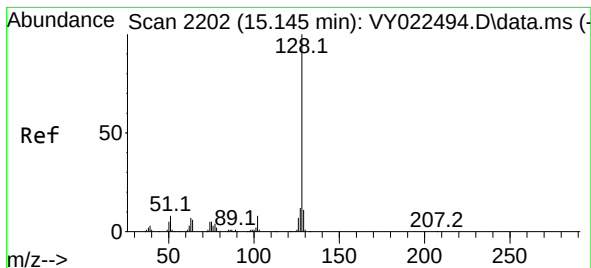
Tgt Ion:180 Resp: 41854
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.3
 145 29.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 22.073 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022617.D
 Acq: 09 Jun 2025 09:51

Tgt Ion:225 Resp: 23730
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.5 97.4
 227 62.2 32.3 96.9





#95

Naphthalene

Concen: 20.883 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

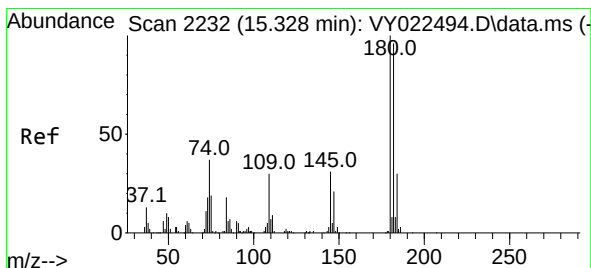
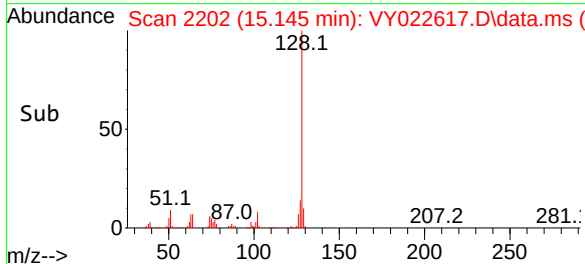
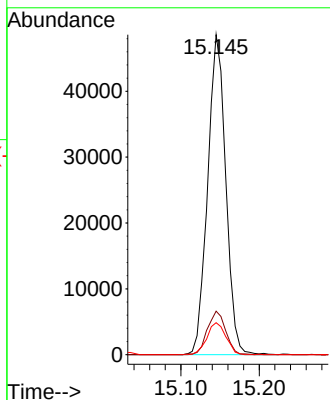
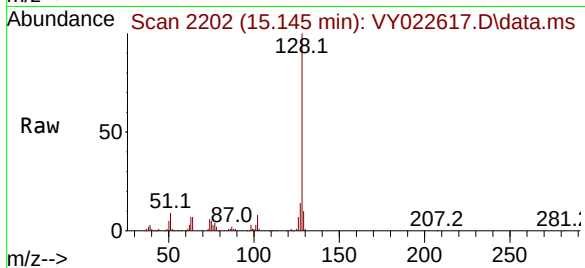
Tgt Ion:128 Resp: 78059

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.518 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022617.D

Acq: 09 Jun 2025 09:51

Tgt Ion:180 Resp: 35921

Ion Ratio Lower Upper

180 100

182 93.5 47.1 141.3

145 30.4 15.2 45.6

