

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022589.D
 Acq On : 06 Jun 2025 10:36
 Operator : SY/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Quant Time: Jun 06 23:39:47 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	7.707	168	164487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	282471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	239523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	99683	54.185	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.360%			
35) Dibromofluoromethane	7.634	113	90954	53.946	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.900%			
50) Toluene-d8	10.103	98	371354	54.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.020%			
62) 4-Bromofluorobenzene	12.402	95	106868	52.650	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	32723	22.221	ug/l	97
3) Chloromethane	2.062	50	95664	21.989	ug/l	100
4) Vinyl Chloride	2.196	62	140218	27.782	ug/l	98
5) Bromomethane	2.580	94	119866	24.779	ug/l	98
6) Chloroethane	2.720	64	97320	28.093	ug/l	94
7) Trichlorofluoromethane	3.043	101	140944	32.896	ug/l	97
8) Diethyl Ether	3.446	74	21314	22.089	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.806	101	39893	22.107	ug/l	98
10) Methyl Iodide	4.001	142	34228	17.527	ug/l	100
11) Tert butyl alcohol	4.854	59	13923	105.961	ug/l	97
12) 1,1-Dichloroethene	3.781	96	38320	22.216	ug/l	96
13) Acrolein	3.647	56	14416	88.034	ug/l	98
14) Allyl chloride	4.373	41	57218	21.130	ug/l	100
15) Acrylonitrile	5.049	53	43522	106.502	ug/l	99
16) Acetone	3.867	43	35536	95.114	ug/l #	88
17) Carbon Disulfide	4.098	76	116015	21.008	ug/l	99
18) Methyl Acetate	4.379	43	22882	20.682	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	100097	20.603	ug/l	94
20) Methylene Chloride	4.604	84	47705	22.478	ug/l	92
21) trans-1,2-Dichloroethene	5.104	96	42202	21.860	ug/l	97
22) Diisopropyl ether	6.012	45	128232	21.275	ug/l	97
23) Vinyl Acetate	5.952	43	369740	103.641	ug/l	99
24) 1,1-Dichloroethane	5.909	63	78825	22.199	ug/l	99
25) 2-Butanone	6.896	43	53195	98.707	ug/l	98
26) 2,2-Dichloropropane	6.878	77	66024	21.044	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	49404	22.141	ug/l	99
28) Bromochloromethane	7.238	49	32676	21.110	ug/l	99
29) Tetrahydrofuran	7.262	42	35769	102.907	ug/l	100
30) Chloroform	7.415	83	77473	22.027	ug/l	98
31) Cyclohexane	7.695	56	72633	20.546	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	68943	22.082	ug/l	99
36) 1,1-Dichloropropene	7.829	75	58651	21.434	ug/l	99
37) Ethyl Acetate	6.982	43	25943	21.259	ug/l	98
38) Carbon Tetrachloride	7.817	117	60070	21.399	ug/l	90
39) Methylcyclohexane	9.103	83	77267	21.012	ug/l	99
40) Benzene	8.073	78	175178	21.675	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	11837	16.607	ug/l #	82
42) 1,2-Dichloroethane	8.152	62	48138	21.814	ug/l	100
43) Isopropyl Acetate	8.195	43	52352	19.864	ug/l	98
44) Trichloroethene	8.866	130	43400	21.971	ug/l	91
45) 1,2-Dichloropropane	9.140	63	41851	21.910	ug/l	98
46) Dibromomethane	9.225	93	22497	20.935	ug/l	100
47) Bromodichloromethane	9.420	83	58627	21.516	ug/l	99
48) Methyl methacrylate	9.219	41	23636	19.109	ug/l	90
49) 1,4-Dioxane	9.225	88	5377	422.363	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	131440	100.032	ug/l	97
52) Toluene	10.164	92	105853	20.841	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	51249	20.074	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	62698	21.097	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	29015	21.175	ug/l	96
56) Ethyl methacrylate	10.439	69	38205	19.291	ug/l	96
57) 1,3-Dichloropropane	10.713	76	51177	21.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	95094	105.758	ug/l	99
59) 2-Hexanone	10.756	43	83881	95.451	ug/l	99
60) Dibromochloromethane	10.908	129	36641	21.042	ug/l	96
61) 1,2-Dibromoethane	11.012	107	26793	21.453	ug/l	93
64) Tetrachloroethene	10.640	164	48215	23.401	ug/l	93
65) Chlorobenzene	11.438	112	112402	21.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	37418	20.956	ug/l	99
67) Ethyl Benzene	11.518	91	202447	20.593	ug/l	97
68) m/p-Xylenes	11.627	106	152902	41.027	ug/l	100
69) o-Xylene	11.950	106	72002	20.606	ug/l	99
70) Styrene	11.969	104	117445	20.334	ug/l	99
71) Bromoform	12.127	173	19327	20.341	ug/l #	99
73) Isopropylbenzene	12.249	105	189003	20.482	ug/l	99
74) N-amyl acetate	12.066	43	43828	18.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	29688	19.603	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	42894	33.358	ug/l #	100
77) Bromobenzene	12.530	156	39349	20.207	ug/l	98
78) n-propylbenzene	12.591	91	232411	20.621	ug/l	99
79) 2-Chlorotoluene	12.676	91	122577	20.520	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	147301	20.333	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10079	18.929	ug/l	97
82) 4-Chlorotoluene	12.773	91	124318	20.174	ug/l	98
83) tert-Butylbenzene	12.993	119	134574	20.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	144727	19.974	ug/l	99
85) sec-Butylbenzene	13.170	105	202764	20.361	ug/l	99
86) p-Isopropyltoluene	13.286	119	164993	20.101	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	81437	20.641	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	77821	20.337	ug/l	99
89) n-Butylbenzene	13.615	91	161013	20.675	ug/l	99
90) Hexachloroethane	13.877	117	32009	20.030	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	68342	20.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	4593	20.830	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	37368	20.454	ug/l	99
94) Hexachlorobutadiene	15.017	225	21159	20.984	ug/l	97
95) Naphthalene	15.139	128	69649	19.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	32964	21.054	ug/l	98

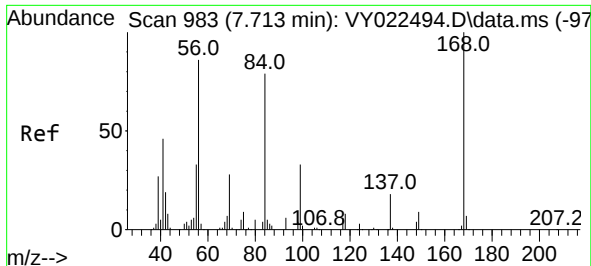
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Response via : Initial Calibration

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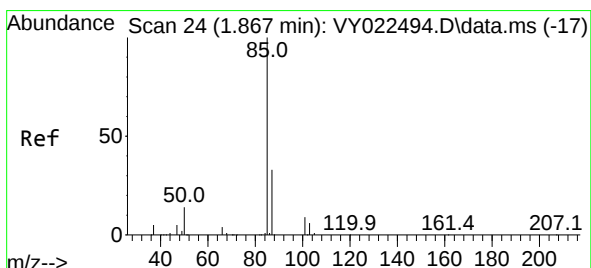
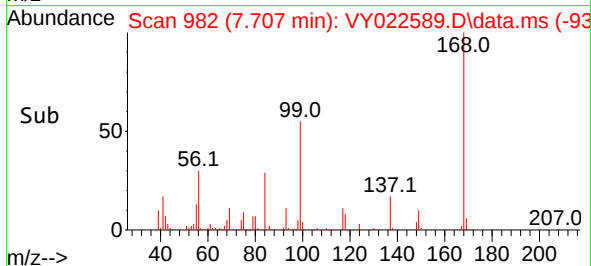
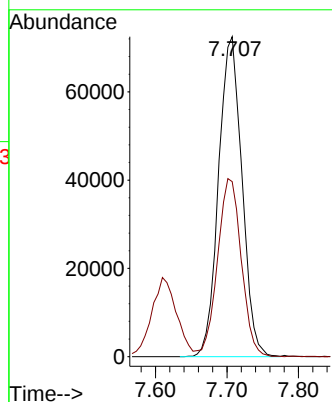
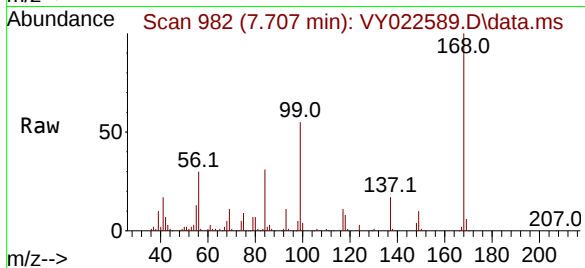
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
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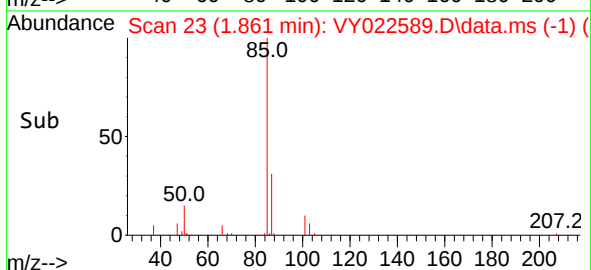
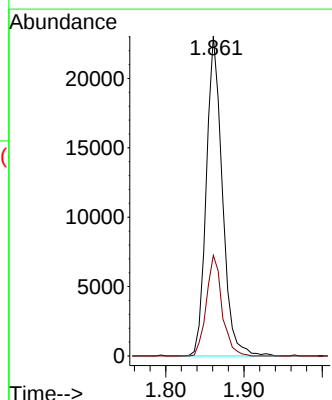
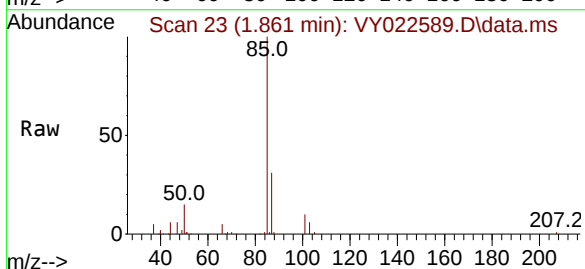
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion:168 Resp: 164487
Ion Ratio Lower Upper
168 100
99 54.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.221 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 85 Resp: 32723
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0

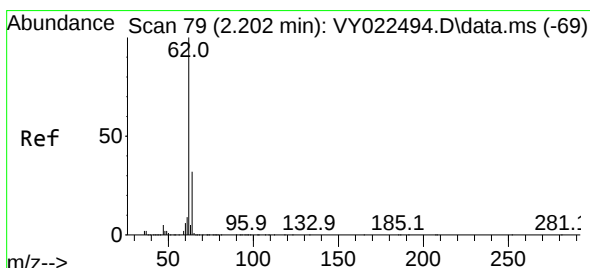
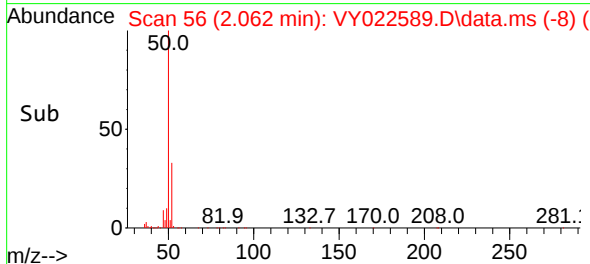
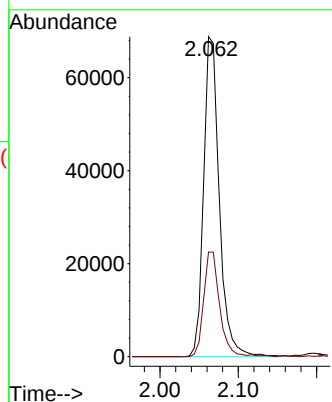
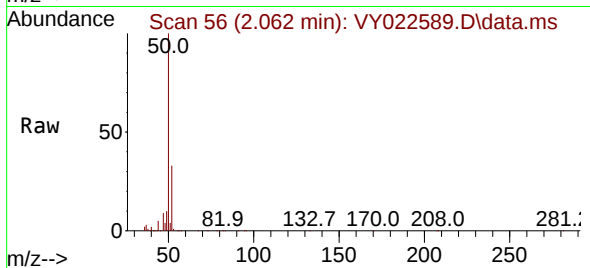




#3
Chloromethane
Concen: 21.989 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

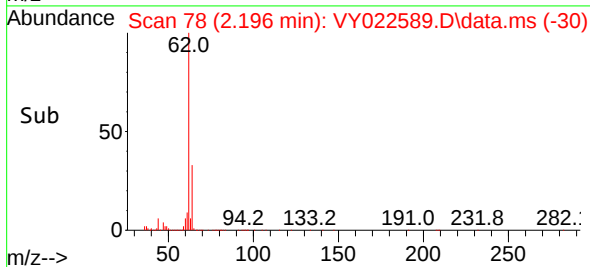
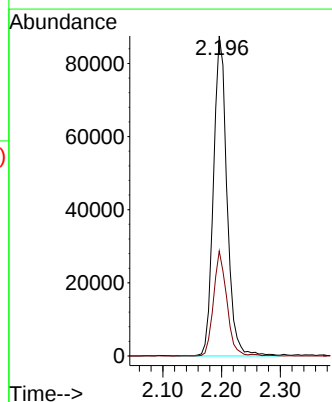
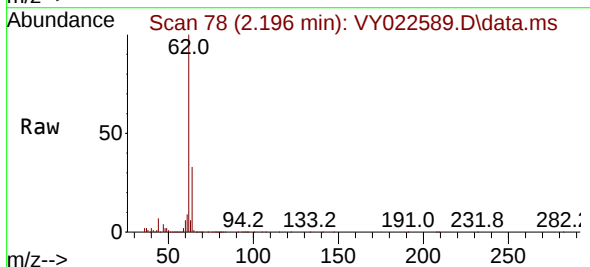
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion: 50 Resp: 95664
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 27.782 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 62 Resp: 140218
Ion Ratio Lower Upper
62 100
64 32.7 25.3 37.9

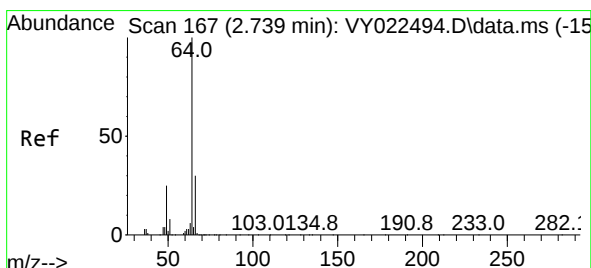
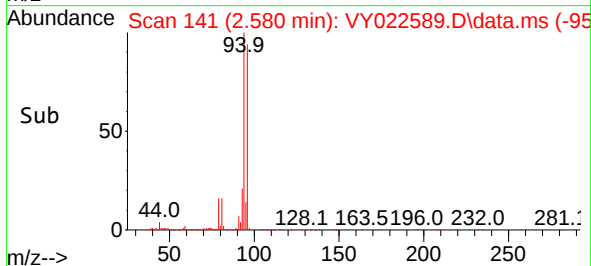
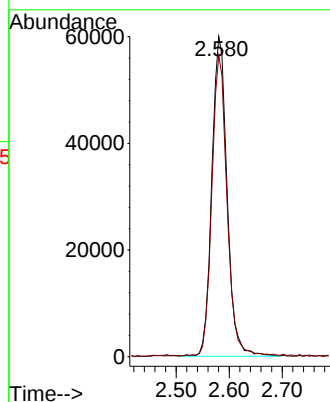
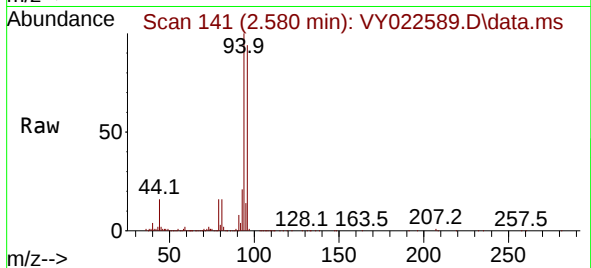




#5
Bromomethane
Concen: 24.779 ug/l
RT: 2.580 min Scan# 144
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

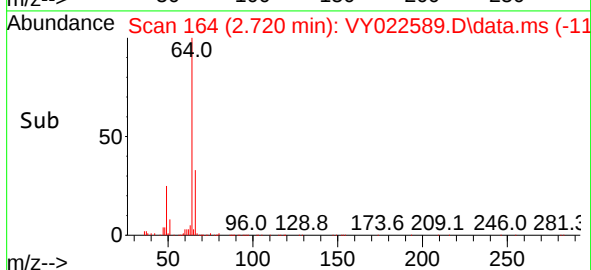
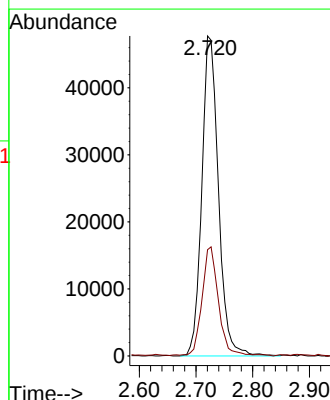
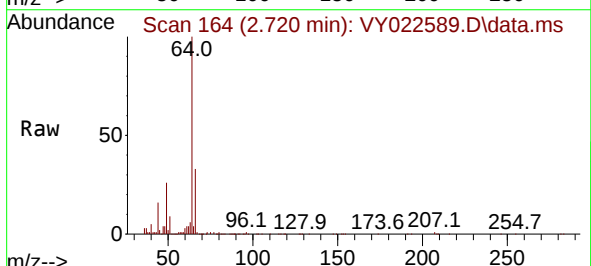
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

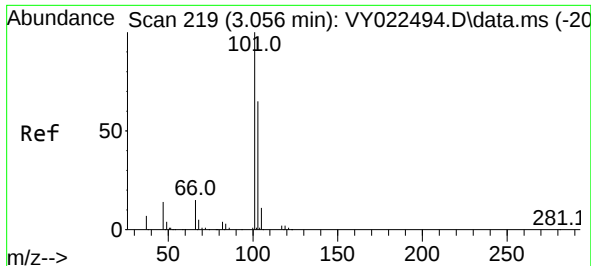
Tgt Ion: 94 Resp: 119866
Ion Ratio Lower Upper
94 100
96 93.9 74.0 111.0



#6
Chloroethane
Concen: 28.093 ug/l
RT: 2.720 min Scan# 164
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 64 Resp: 97320
Ion Ratio Lower Upper
64 100
66 33.0 23.8 35.6

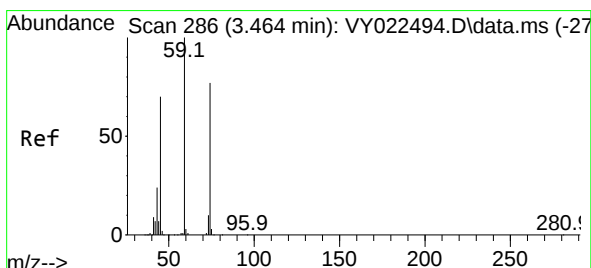
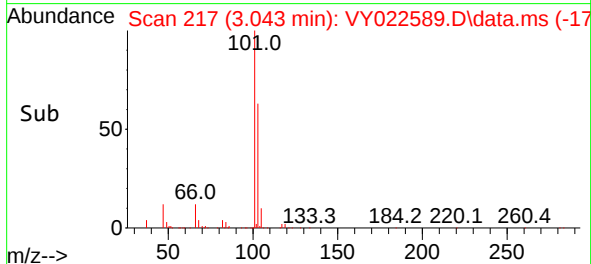
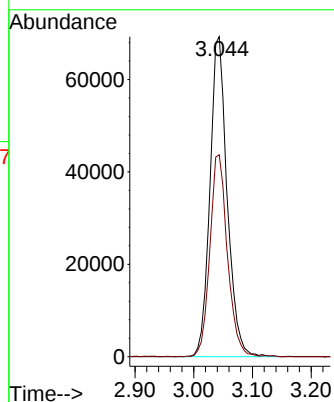
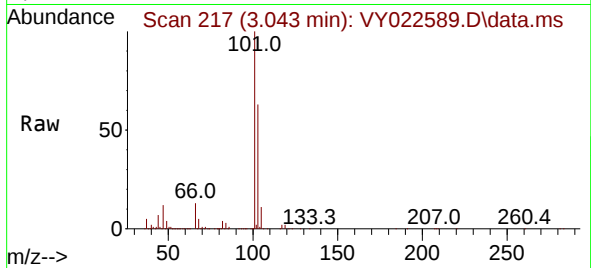




#7
Trichlorofluoromethane
Concen: 32.896 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022589.D
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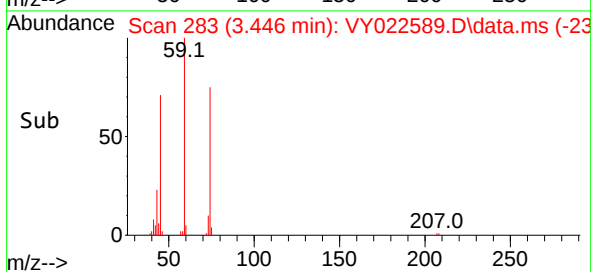
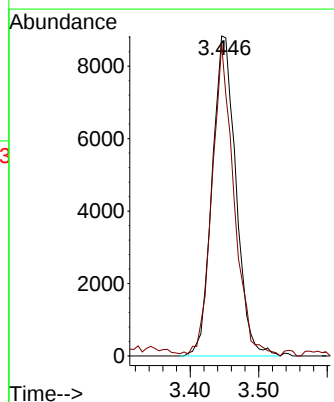
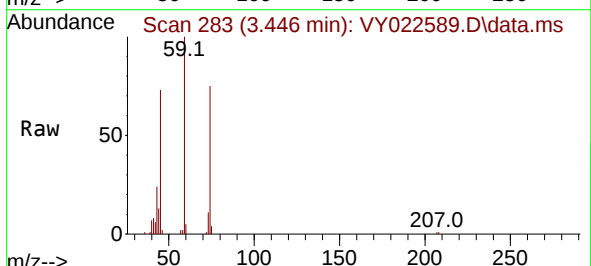
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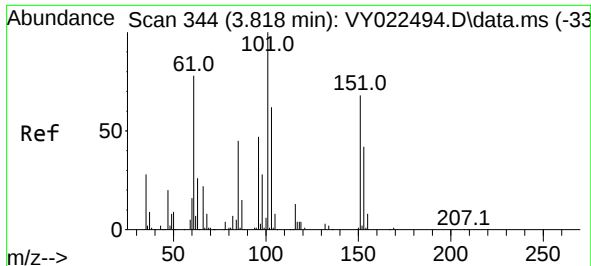
Tgt Ion:101 Resp: 140944
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.2



#8
Diethyl Ether
Concen: 22.089 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 74 Resp: 21314
Ion Ratio Lower Upper
74 100
45 90.6 45.9 137.6

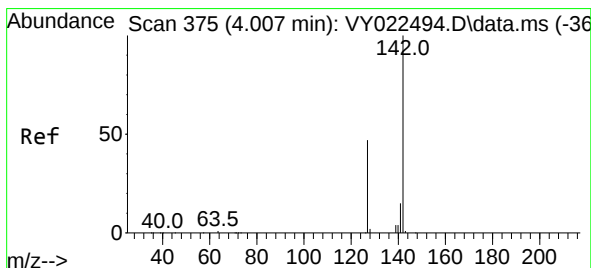
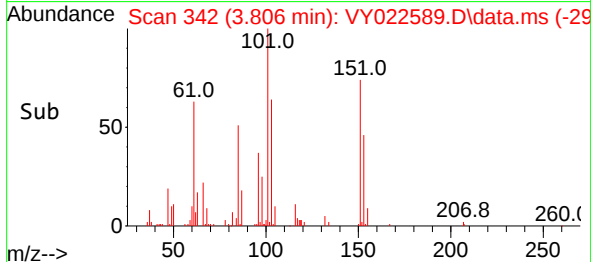
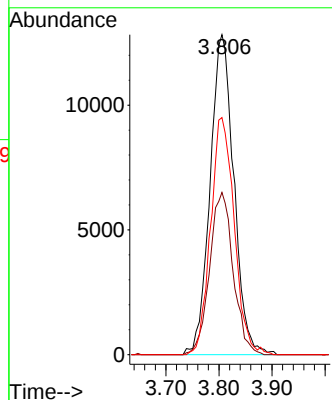
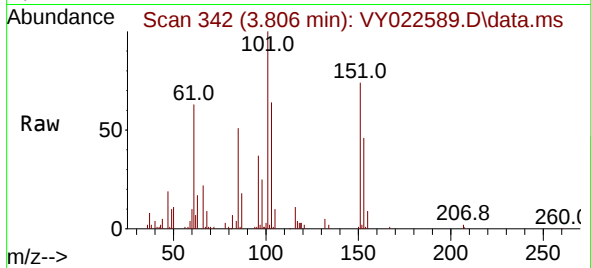




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.107 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
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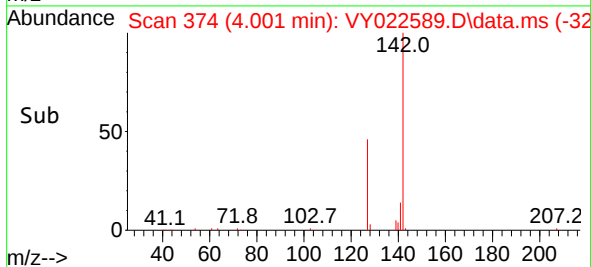
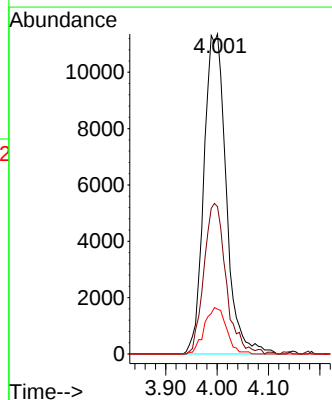
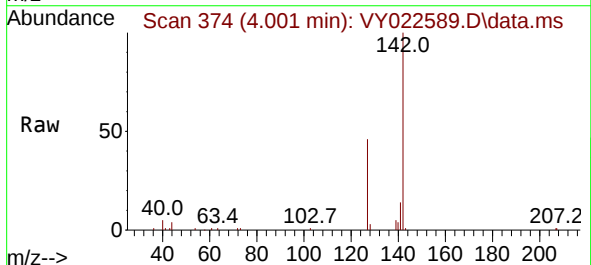
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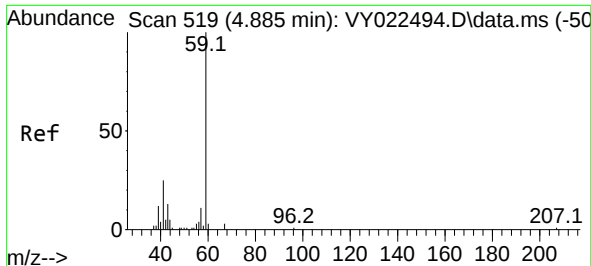
Tgt Ion:101 Resp: 39893
Ion Ratio Lower Upper
101 100
85 50.4 39.3 58.9
151 73.8 57.8 86.8



#10
Methyl Iodide
Concen: 17.527 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:142 Resp: 34228
Ion Ratio Lower Upper
142 100
127 46.8 37.1 55.7
141 14.3 11.4 17.2

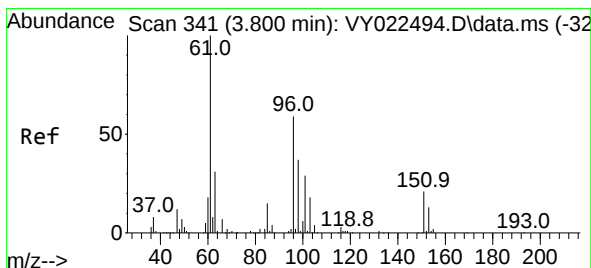
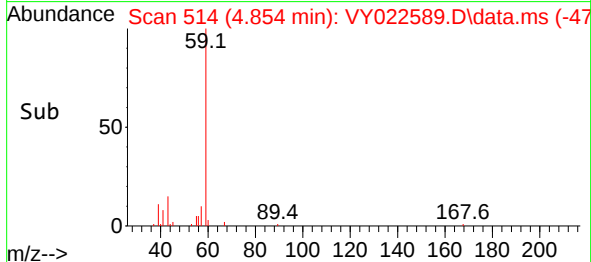
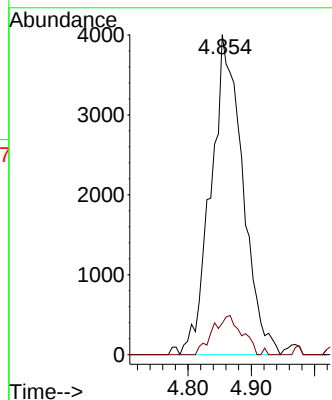
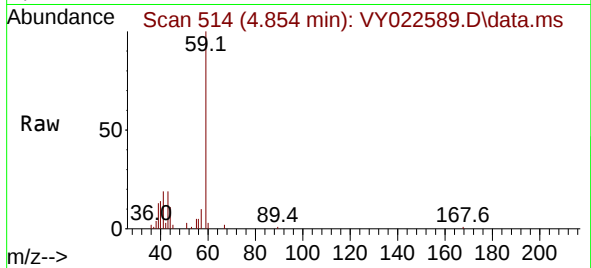




#11
Tert butyl alcohol
Concen: 105.961 ug/l
RT: 4.854 min Scan# 519
Delta R.T. -0.031 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

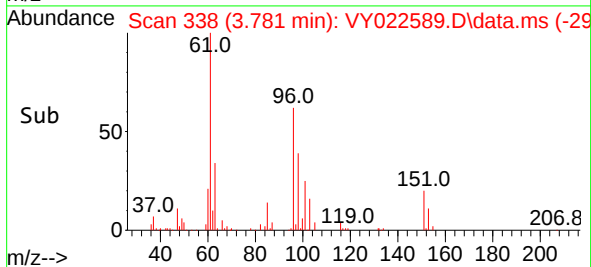
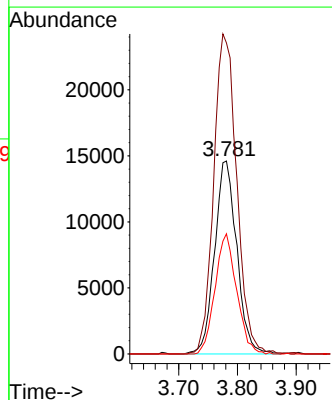
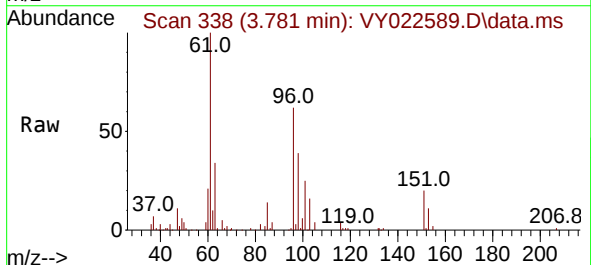
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

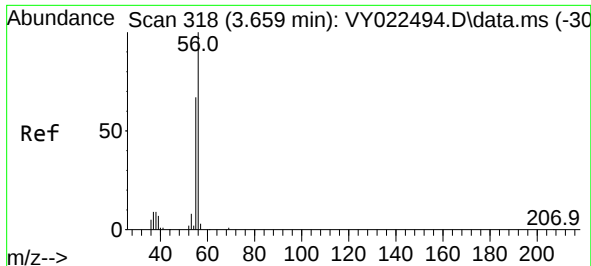
Tgt Ion: 59 Resp: 13923
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 22.216 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 96 Resp: 38320
Ion Ratio Lower Upper
96 100
61 161.2 134.6 201.8
98 62.3 50.2 75.4

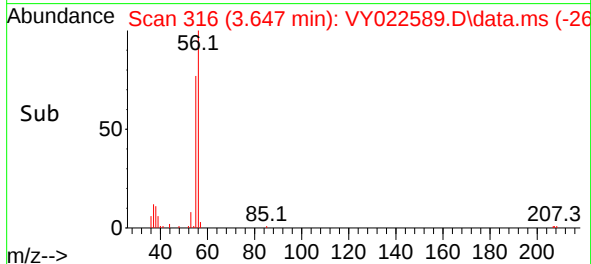
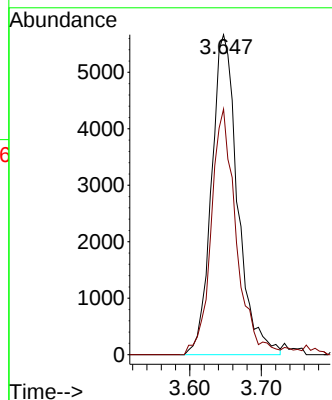
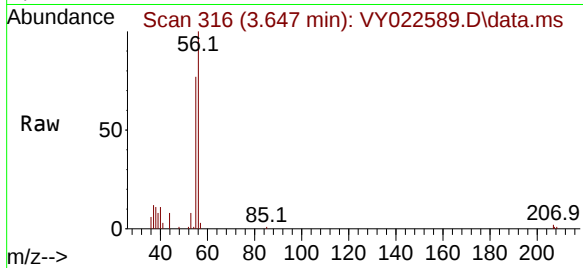




#13
Acrolein
Concen: 88.034 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

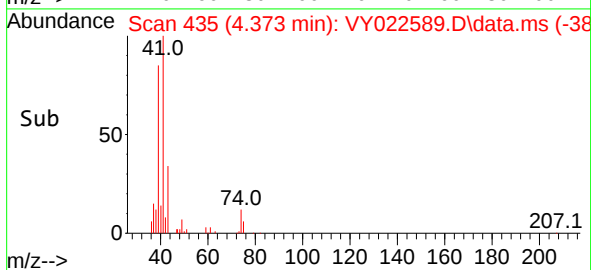
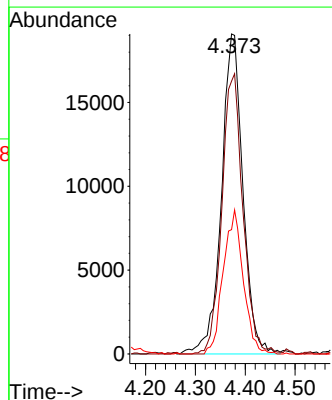
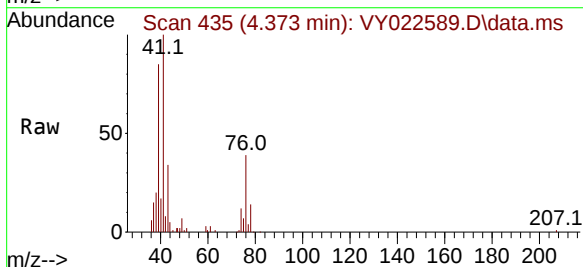
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion: 56 Resp: 14416
Ion Ratio Lower Upper
56 100
55 73.1 57.0 85.6



#14
Allyl chloride
Concen: 21.130 ug/l
RT: 4.373 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 41 Resp: 57218
Ion Ratio Lower Upper
41 100
39 85.7 69.1 103.7
76 41.9 33.5 50.3

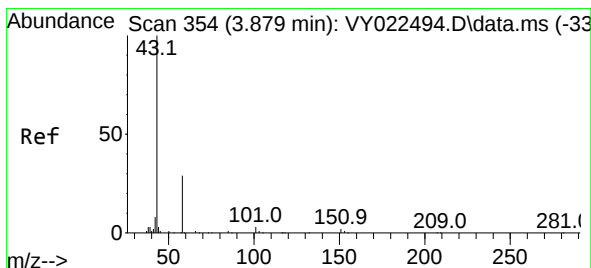
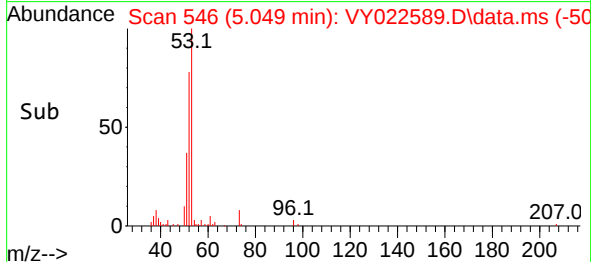
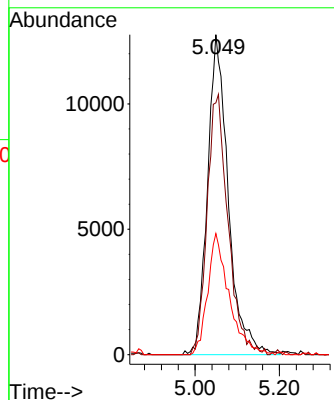
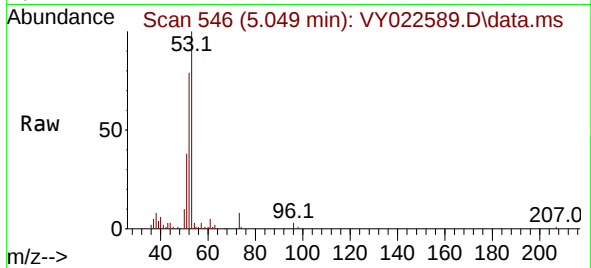




#15
Acrylonitrile
Concen: 106.502 ug/l
RT: 5.049 min Scan# 549
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

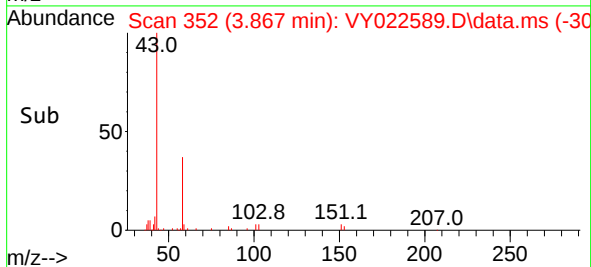
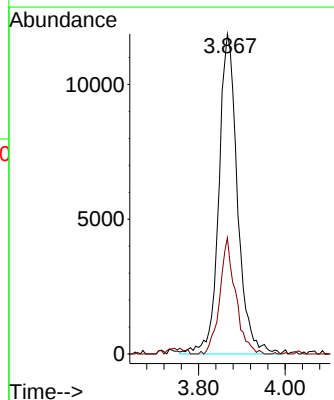
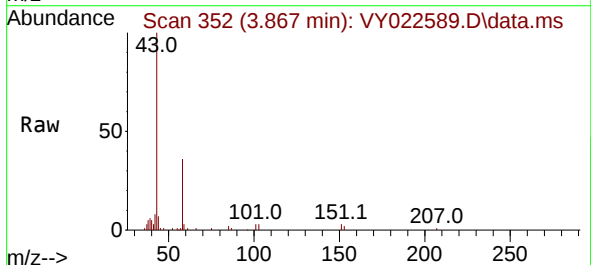
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

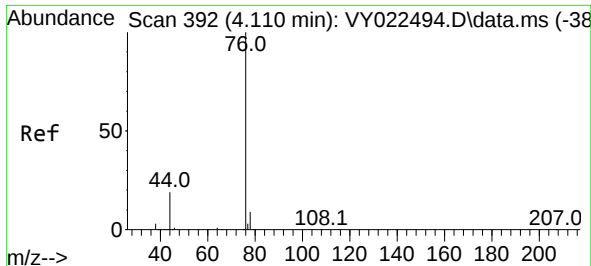
Tgt Ion: 53 Resp: 43522
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 39.3 30.1 45.1



#16
Acetone
Concen: 95.114 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 43 Resp: 35536
Ion Ratio Lower Upper
43 100
58 36.3 24.0 36.0#

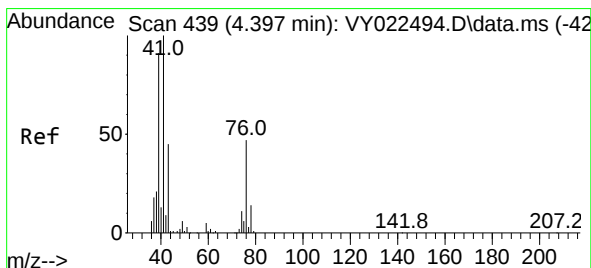
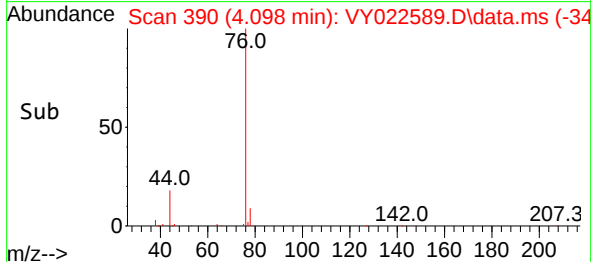
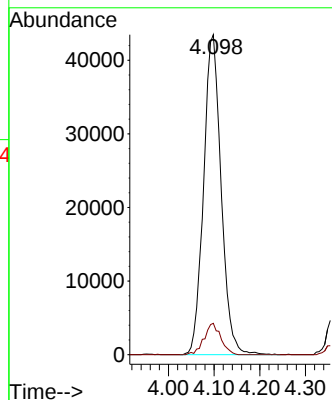
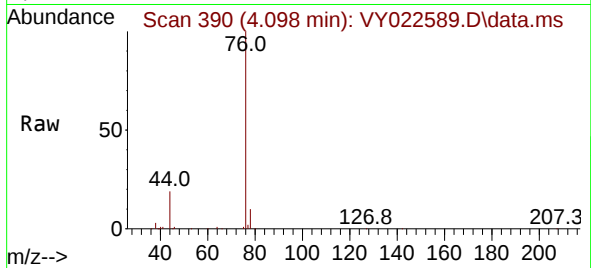




#17
Carbon Disulfide
Concen: 21.008 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

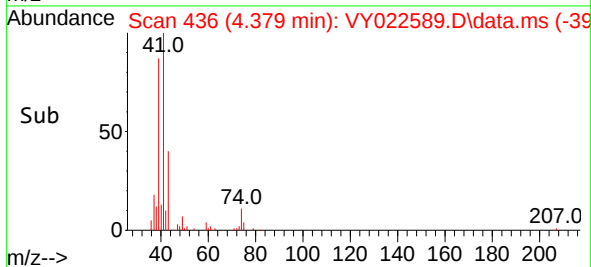
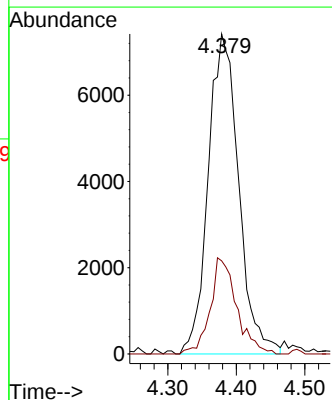
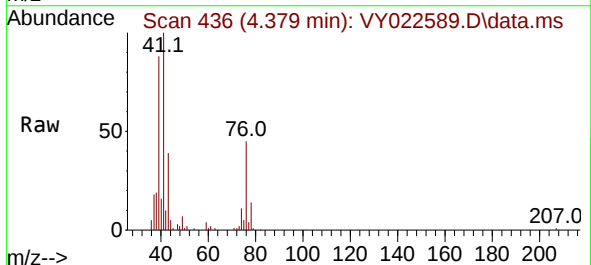
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

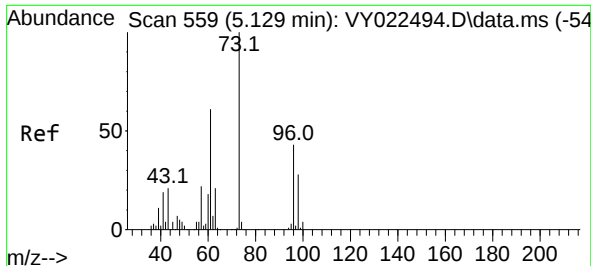
Tgt Ion: 76 Resp: 116015
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 20.682 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 43 Resp: 22882
Ion Ratio Lower Upper
43 100
74 26.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.603 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

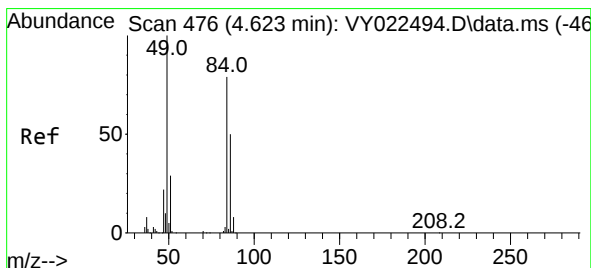
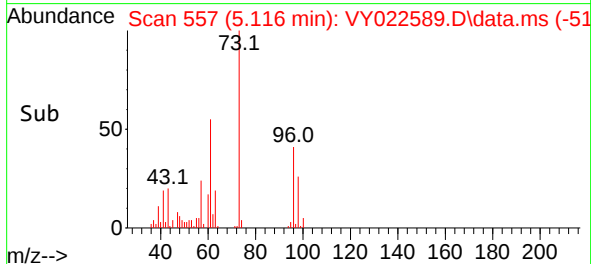
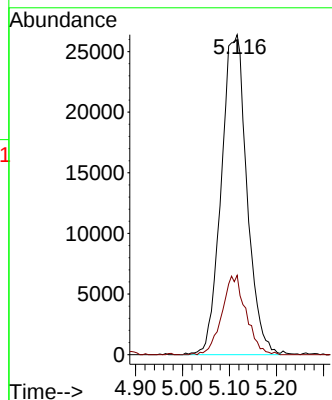
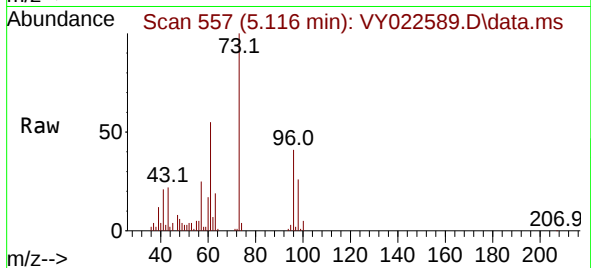
VY0606SBS01

Tgt Ion: 73 Resp: 100097

Ion Ratio Lower Upper

73 100

57 24.8 17.4 26.0



#20

Methylene Chloride

Concen: 22.478 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.018 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Tgt Ion: 84 Resp: 47705

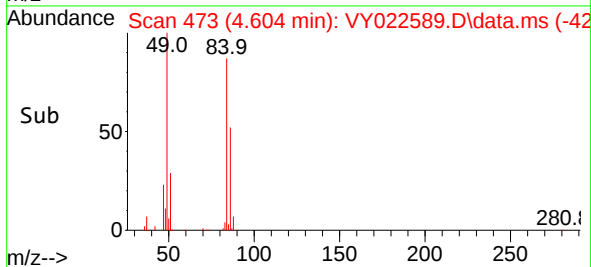
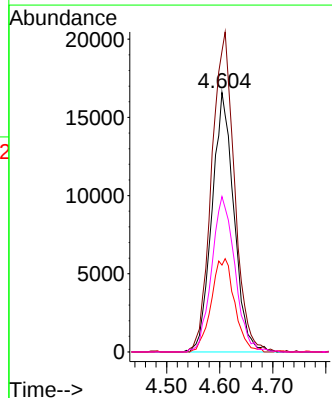
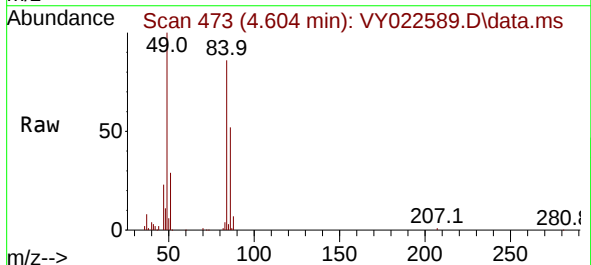
Ion Ratio Lower Upper

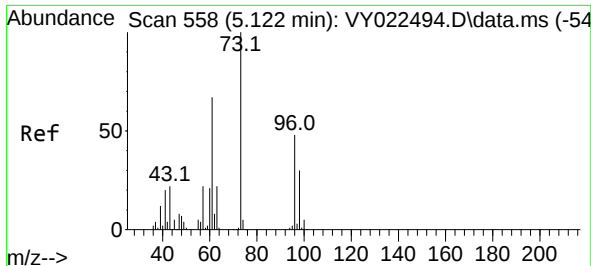
84 100

49 115.9 101.9 152.9

51 33.5 29.8 44.8

86 59.9 51.3 76.9

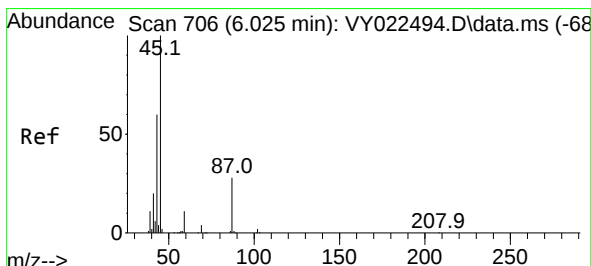
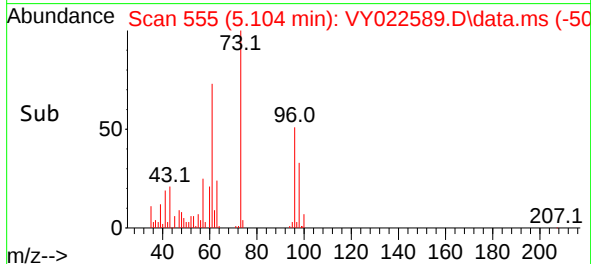
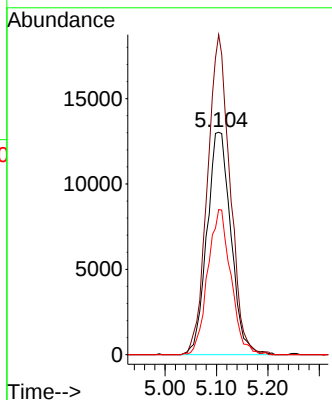
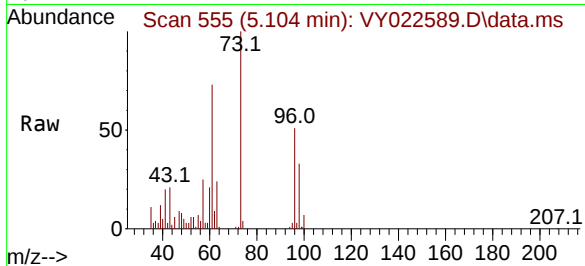




#21
trans-1,2-Dichloroethene
Concen: 21.860 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

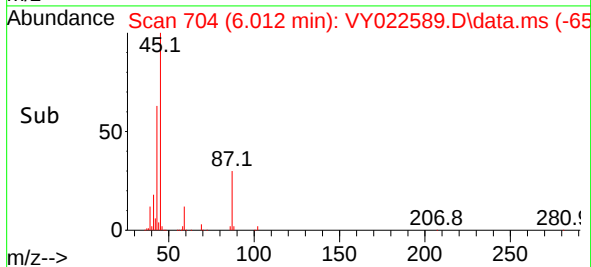
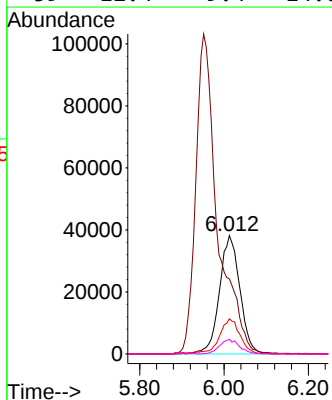
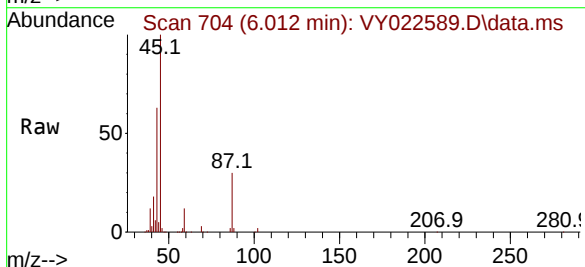
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion: 96 Resp: 42202
Ion Ratio Lower Upper
96 100
61 143.9 112.6 169.0
98 65.2 50.6 75.8



#22
Diisopropyl ether
Concen: 21.275 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 45 Resp: 128232
Ion Ratio Lower Upper
45 100
43 62.8 48.3 72.5
87 29.7 23.0 34.6
59 12.4 9.4 14.0

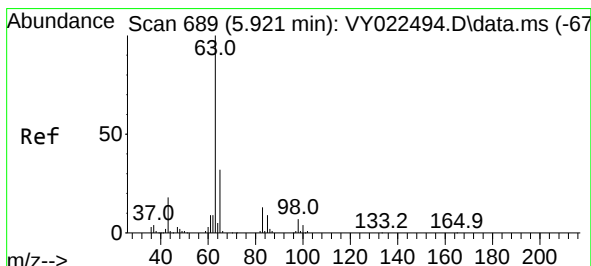
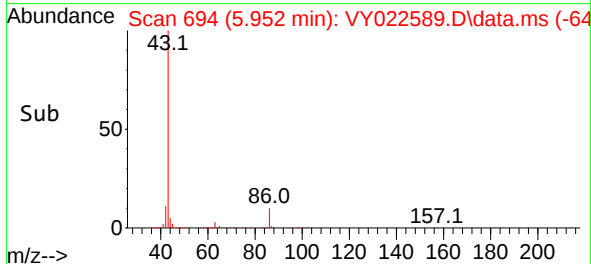
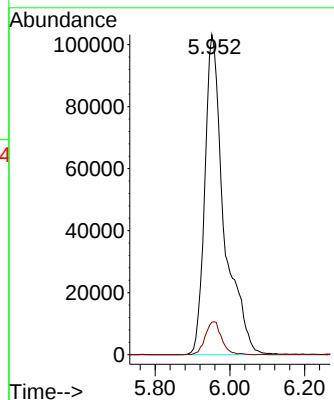
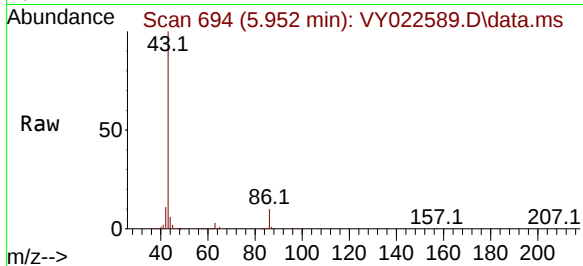




#23
 Vinyl Acetate
 Concen: 103.641 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY022589.D
 Acq: 06 Jun 2025 10:36

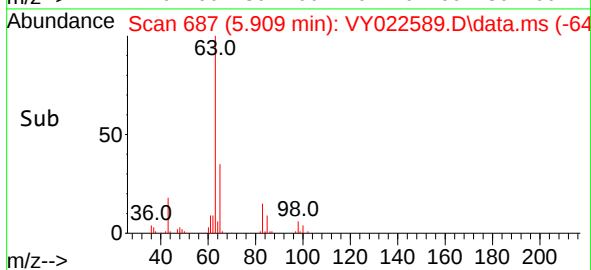
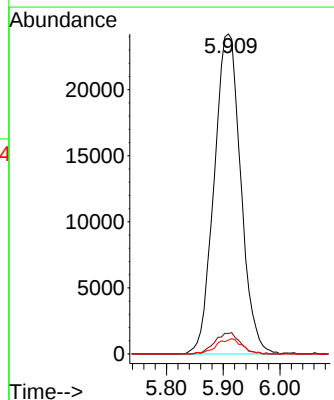
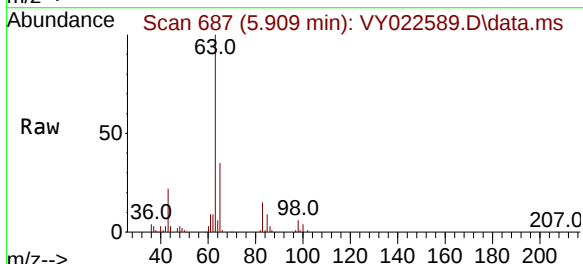
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

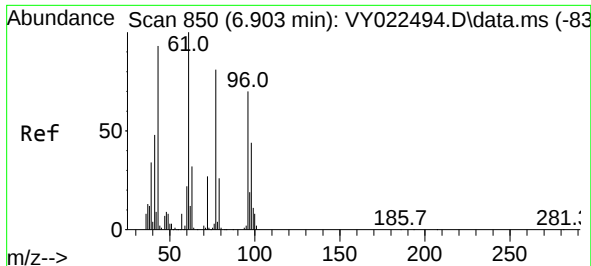
Tgt Ion: 43 Resp: 369740
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.199 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022589.D
 Acq: 06 Jun 2025 10:36

Tgt Ion: 63 Resp: 78825
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.3 2.1 6.3

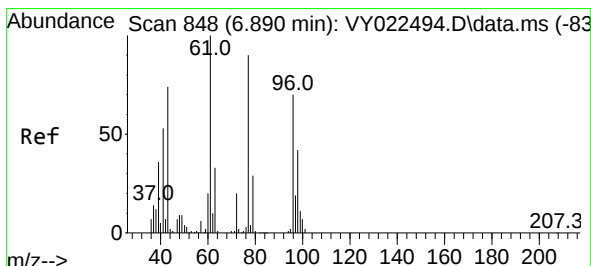
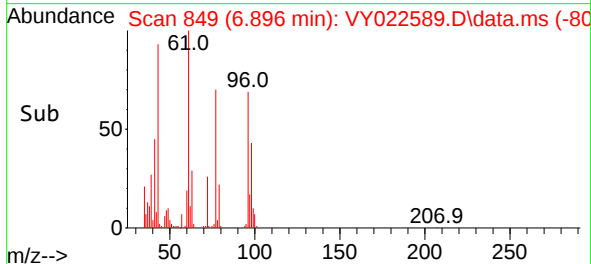
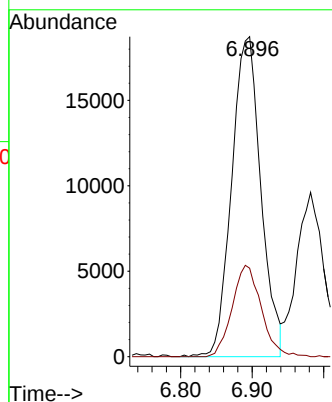
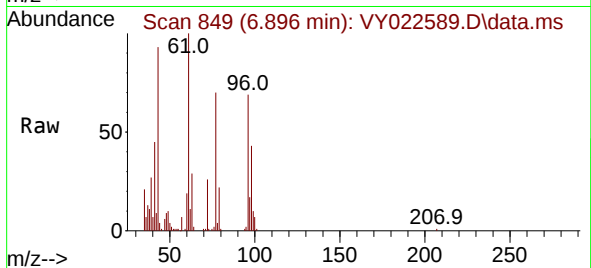




#25
2-Butanone
Concen: 98.707 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

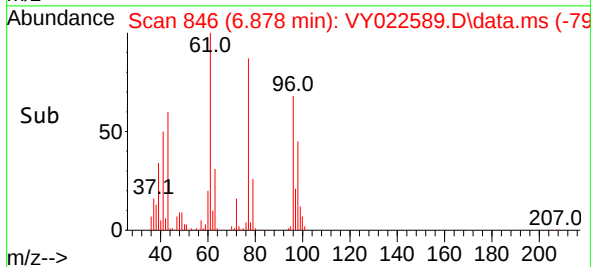
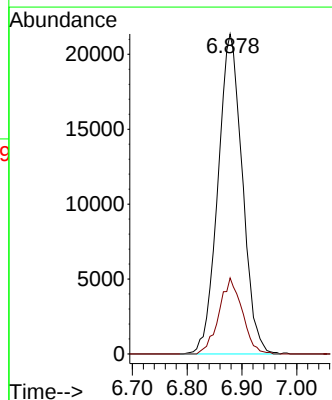
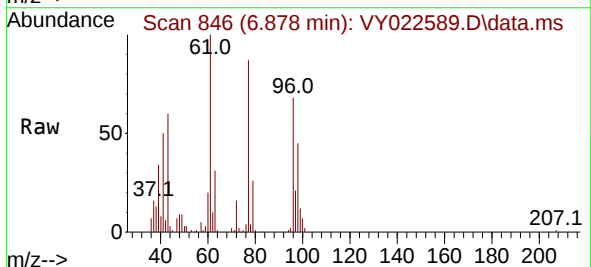
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

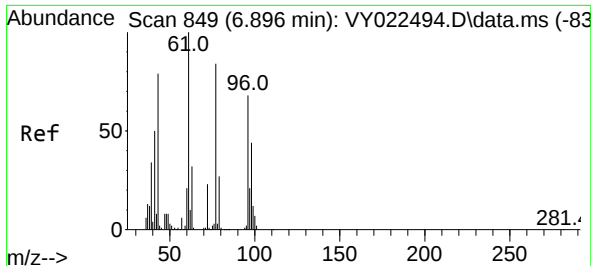
Tgt Ion: 43 Resp: 53195
Ion Ratio Lower Upper
43 100
72 27.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.044 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 77 Resp: 66024
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.141 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

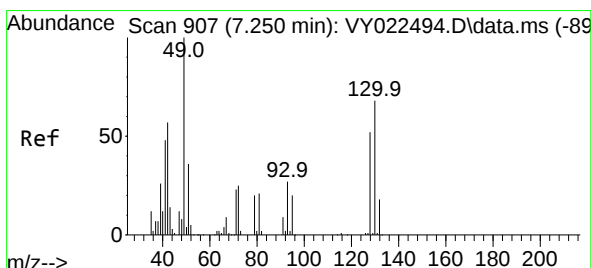
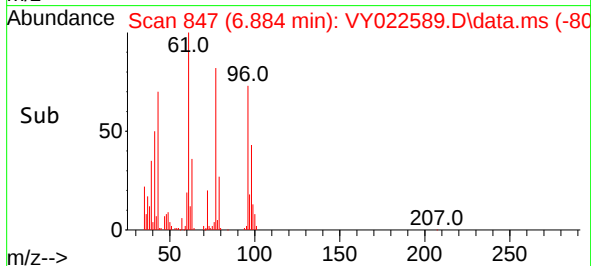
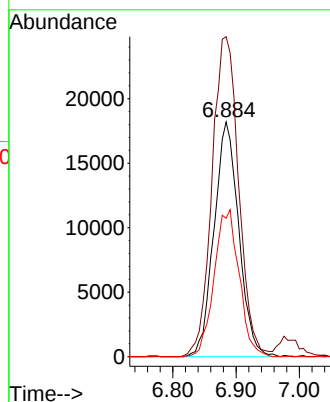
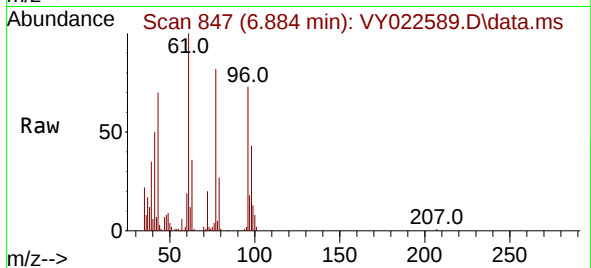
Tgt Ion: 96 Resp: 49404

Ion Ratio Lower Upper

96 100

61 147.0 0.0 290.0

98 63.3 0.0 128.4



#28

Bromochloromethane

Concen: 21.110 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

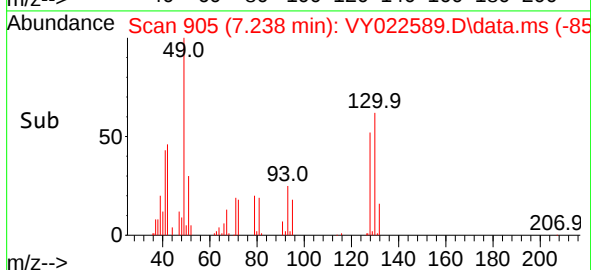
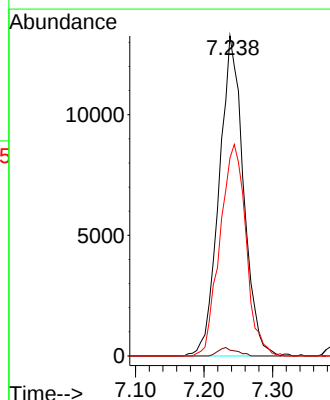
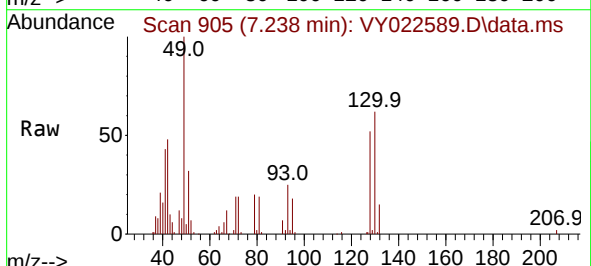
Tgt Ion: 49 Resp: 32676

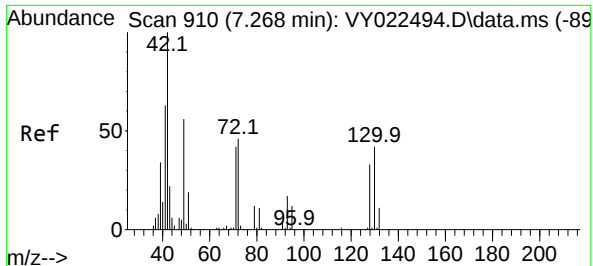
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 70.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 102.907 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

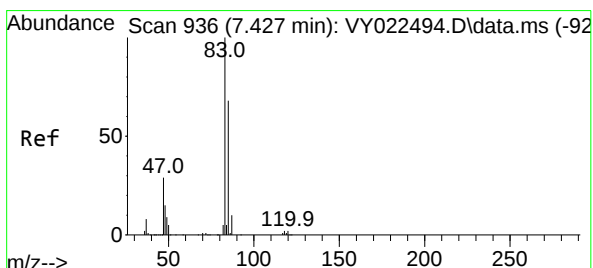
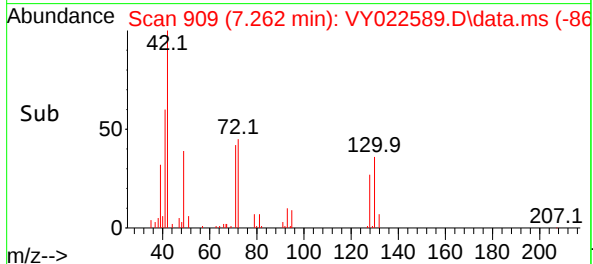
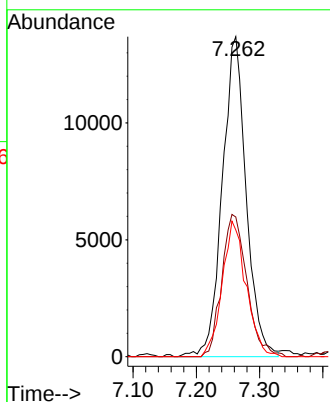
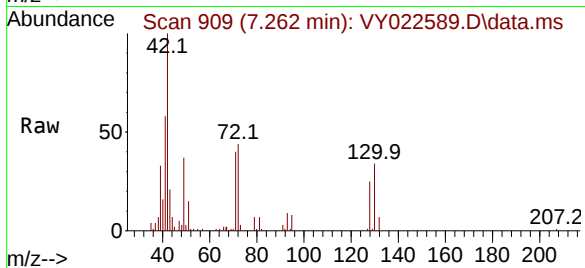
Tgt Ion: 42 Resp: 35769

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.2

71 42.5 34.2 51.2



#30

Chloroform

Concen: 22.027 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022589.D

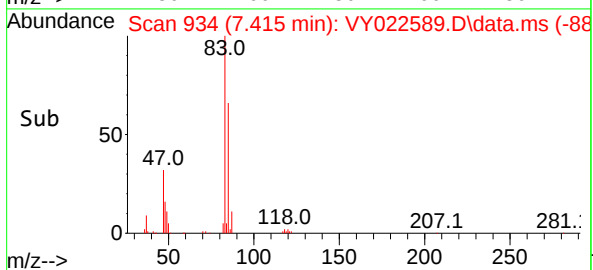
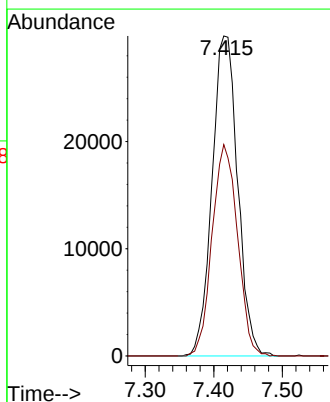
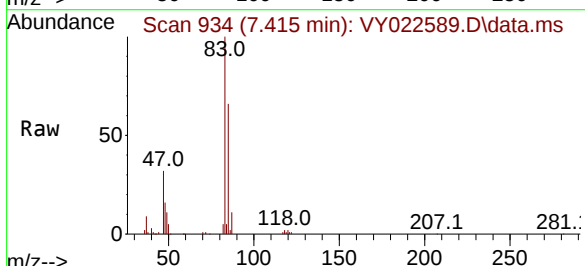
Acq: 06 Jun 2025 10:36

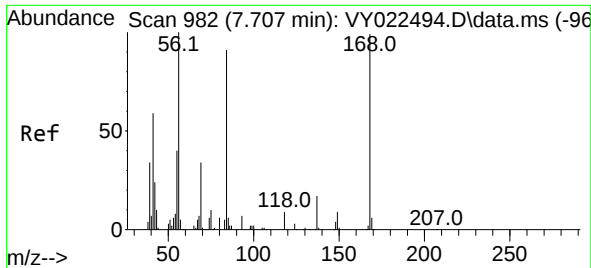
Tgt Ion: 83 Resp: 77473

Ion Ratio Lower Upper

83 100

85 66.1 54.2 81.4

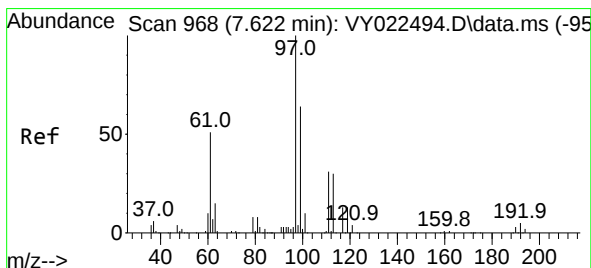
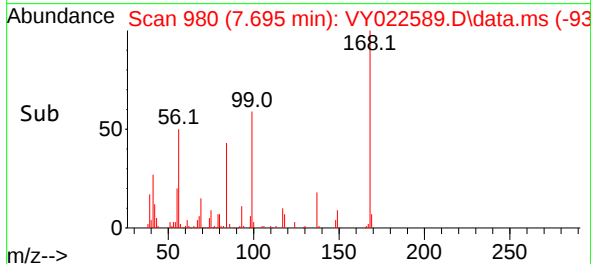
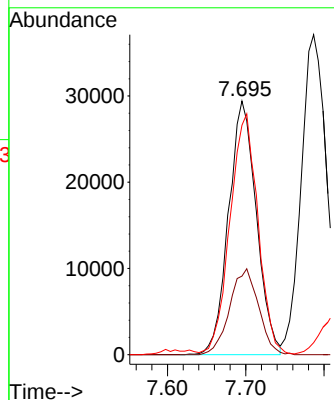
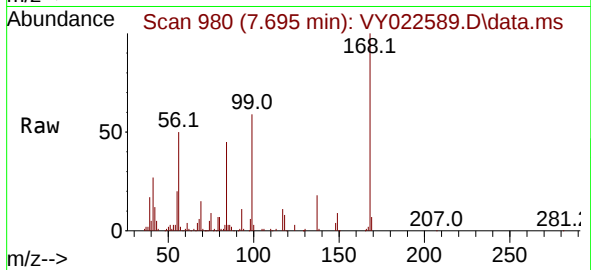




#31
Cyclohexane
Concen: 20.546 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

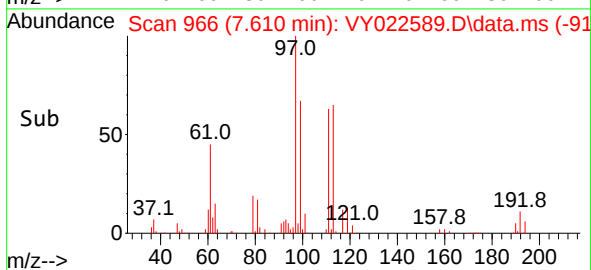
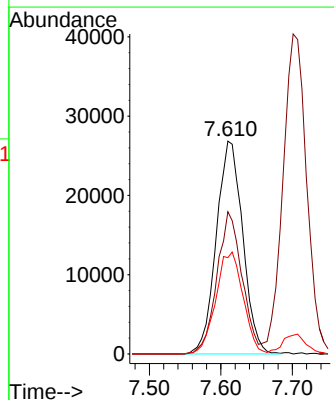
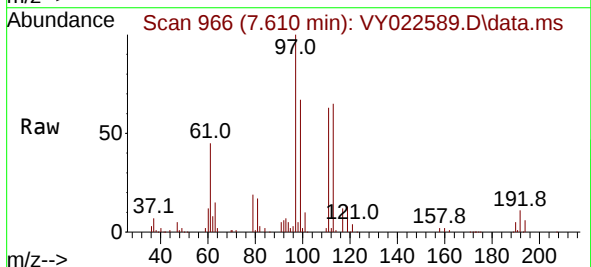
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

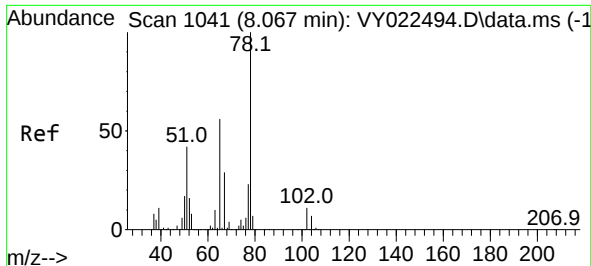
Tgt Ion: 56 Resp: 72633
Ion Ratio Lower Upper
56 100
69 31.0 27.0 40.6
84 89.1 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 22.082 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 97 Resp: 68943
Ion Ratio Lower Upper
97 100
99 63.2 50.9 76.3
61 49.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.185 ug/l

RT: 8.055 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

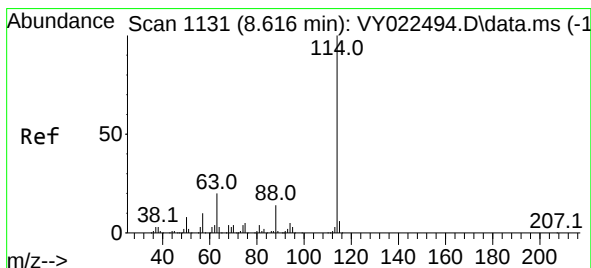
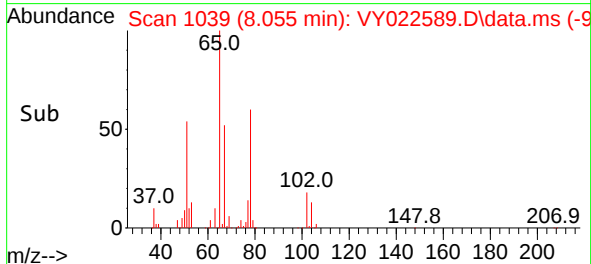
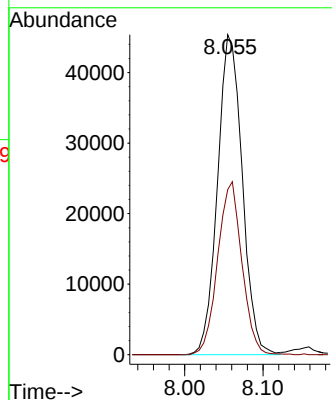
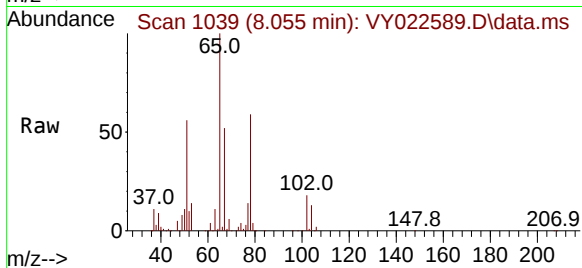
VY0606SBS01

Tgt Ion: 65 Resp: 99683

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

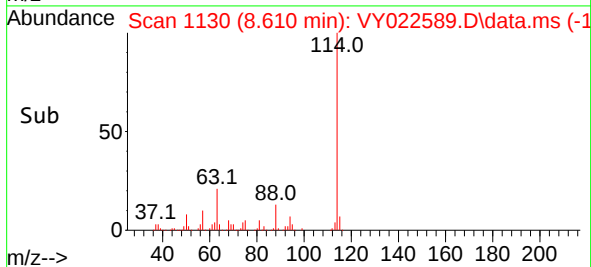
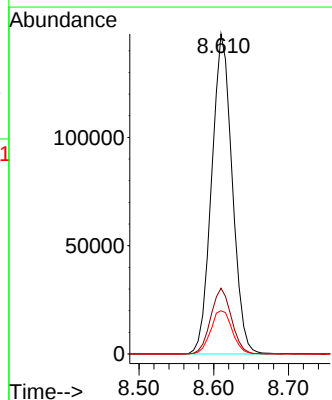
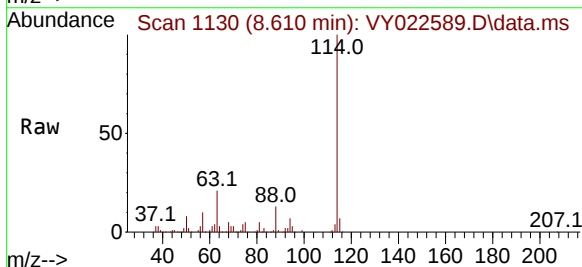
Tgt Ion: 114 Resp: 282471

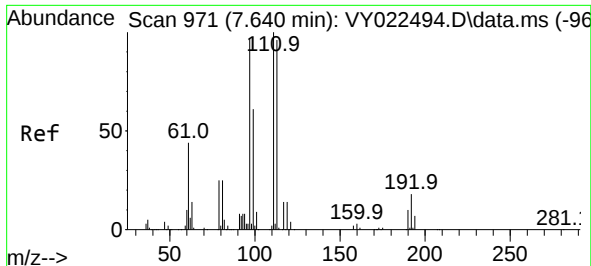
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 13.5 0.0 27.8

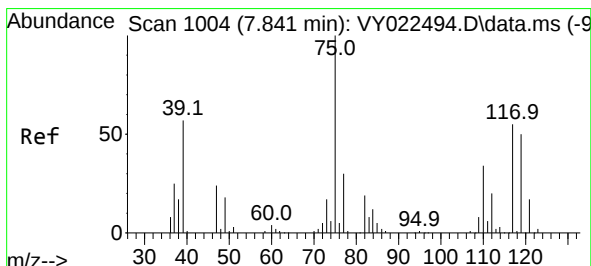
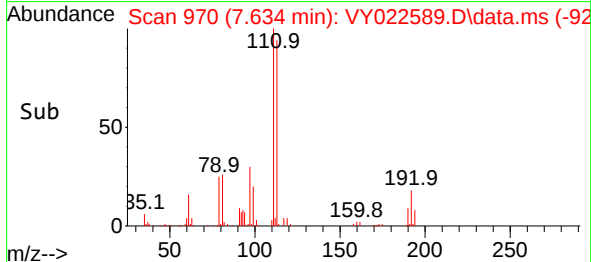
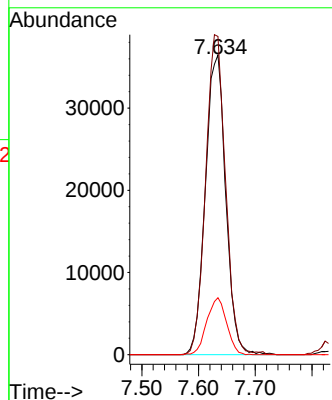
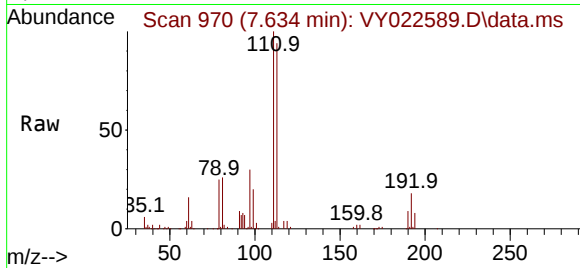




#35
Dibromofluoromethane
Concen: 53.946 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

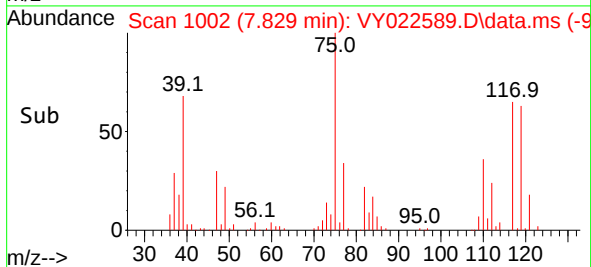
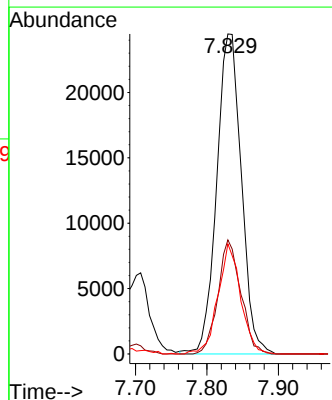
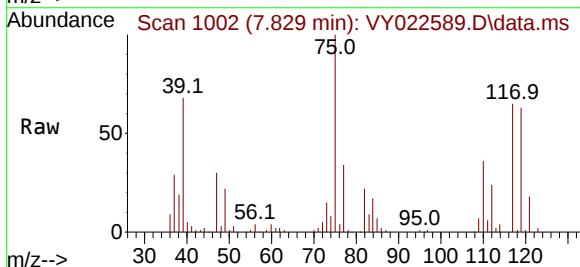
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion:113 Resp: 90954
Ion Ratio Lower Upper
113 100
111 104.3 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 21.434 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 75 Resp: 58651
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.7
77 31.6 24.8 37.2

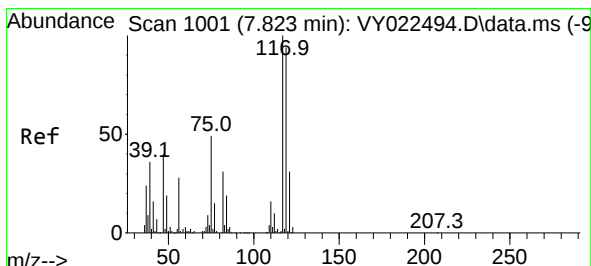
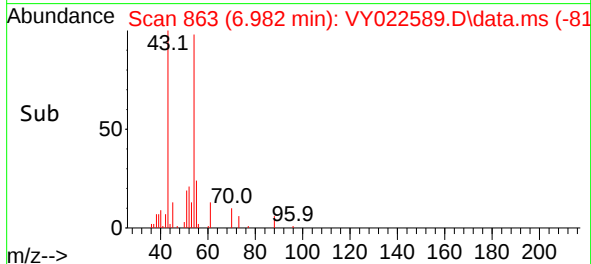
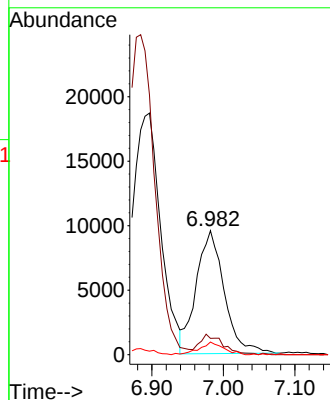
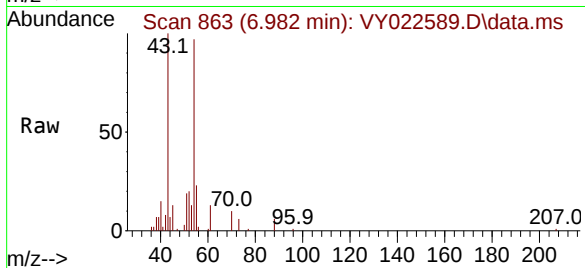




#37
Ethyl Acetate
Concen: 21.259 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

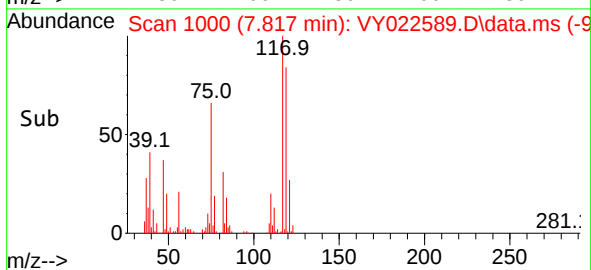
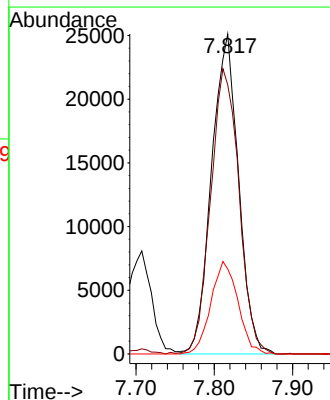
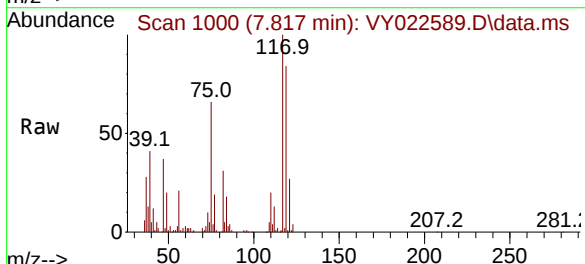
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

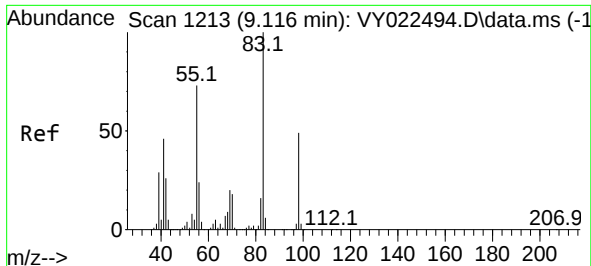
Tgt Ion: 43 Resp: 25943
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.399 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 117 Resp: 60070
Ion Ratio Lower Upper
117 100
119 84.1 75.0 112.6
121 26.6 25.0 37.4





#39

Methylcyclohexane

Concen: 21.012 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

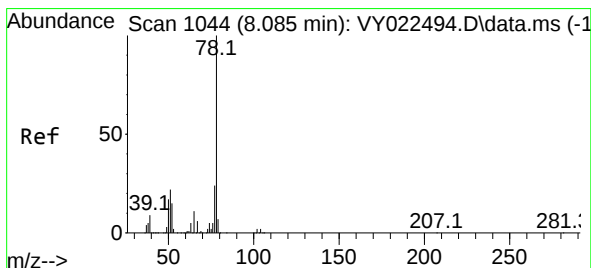
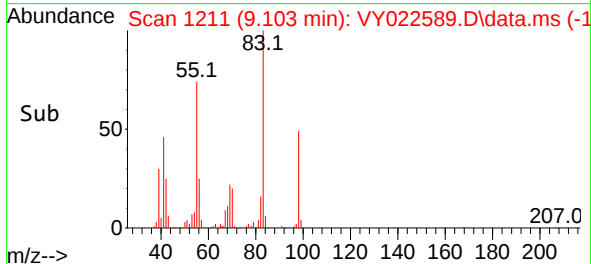
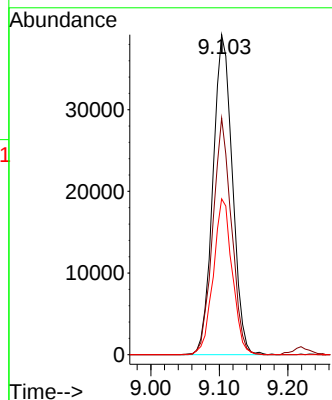
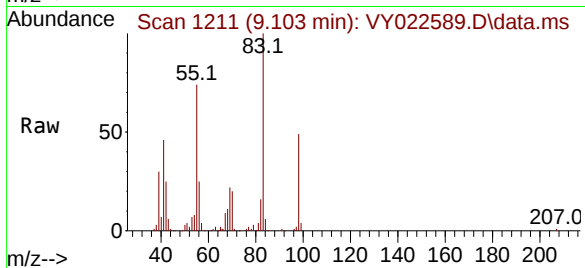
Tgt Ion: 83 Resp: 77267

Ion Ratio Lower Upper

83 100

55 74.0 58.1 87.1

98 48.7 39.0 58.6



#40

Benzene

Concen: 21.675 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022589.D

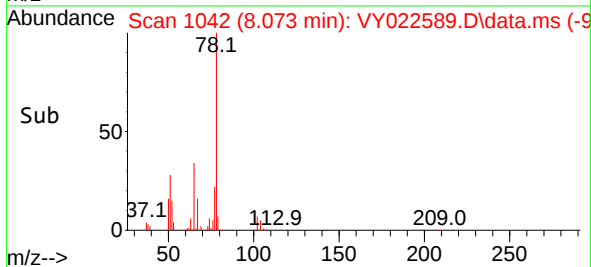
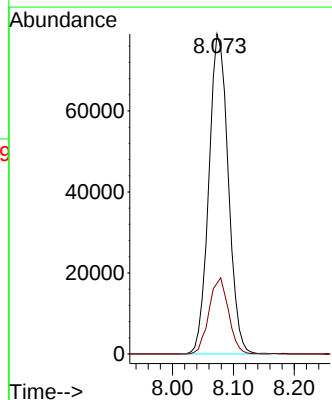
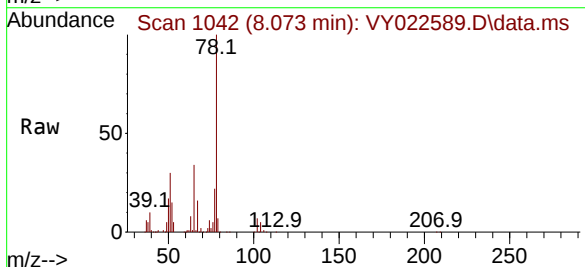
Acq: 06 Jun 2025 10:36

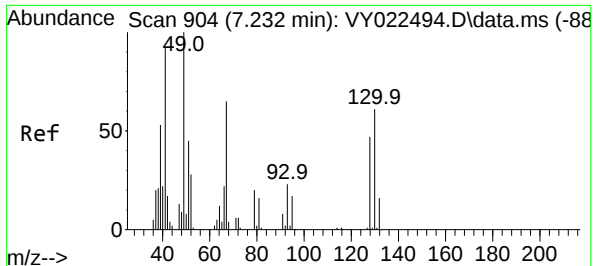
Tgt Ion: 78 Resp: 175178

Ion Ratio Lower Upper

78 100

77 22.1 19.3 28.9

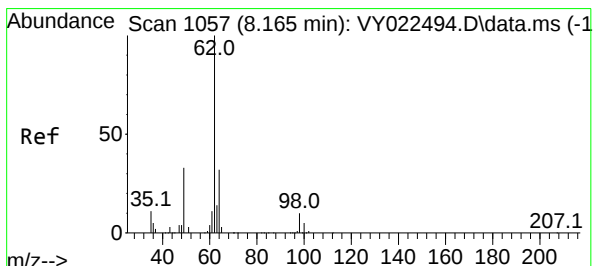
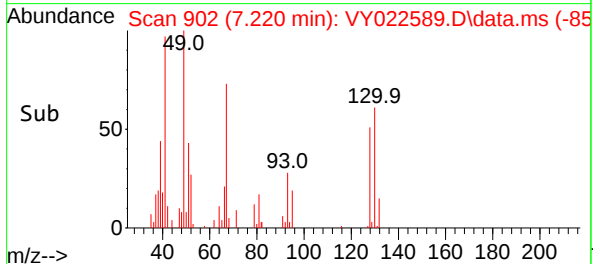
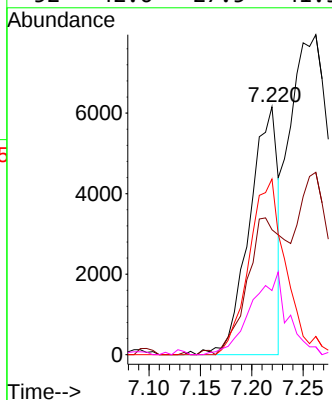
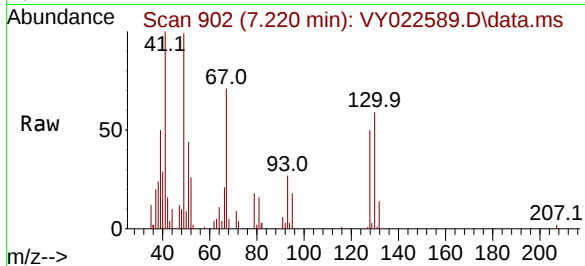




#41
Methacrylonitrile
Concen: 16.607 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

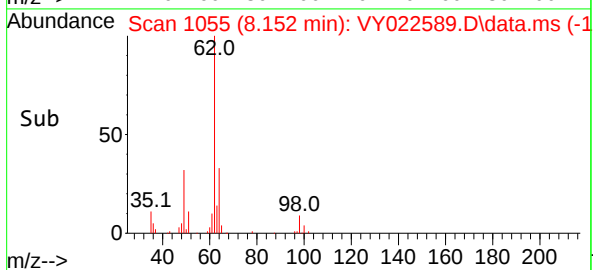
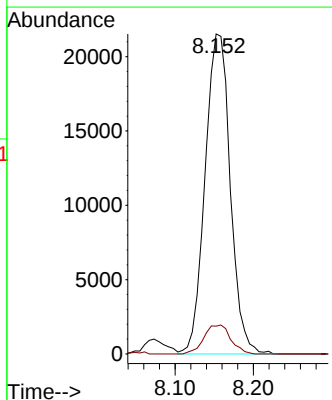
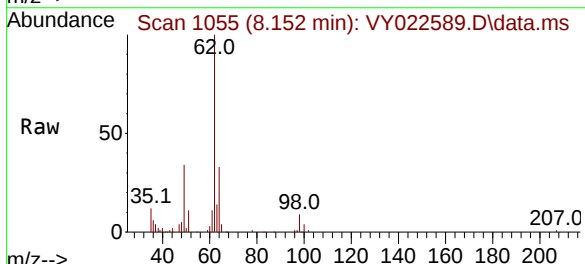
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

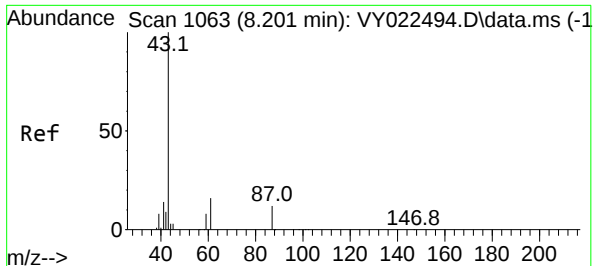
Tgt Ion:	41	Resp:	11837
Ion	Ratio	Lower	Upper
41	100		
39	77.6	46.6	69.8#
67	91.2	63.3	94.9
52	42.6	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 21.814 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:	62	Resp:	48138
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.864 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

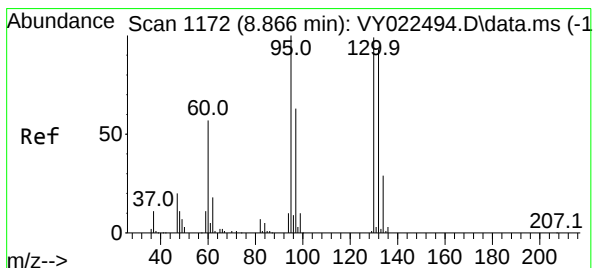
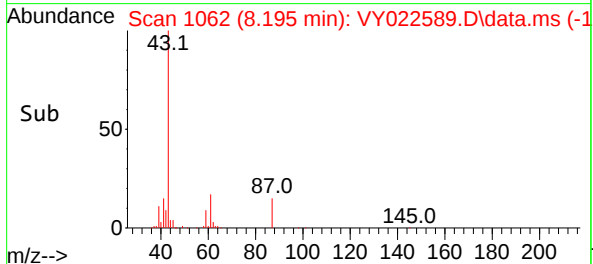
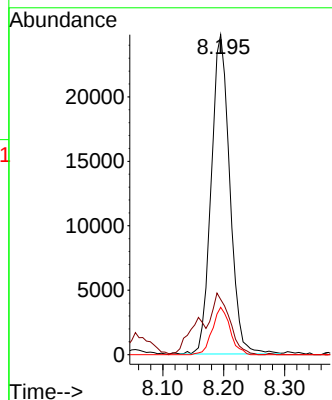
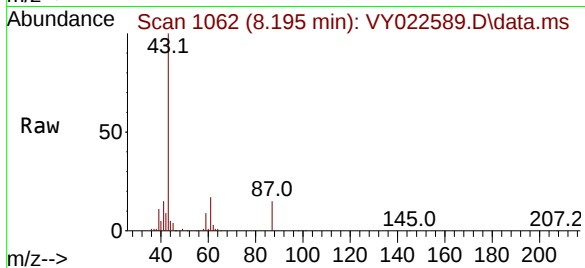
Tgt Ion: 43 Resp: 52352

Ion Ratio Lower Upper

43 100

61 18.9 15.6 23.4

87 14.2 10.2 15.4



#44

Trichloroethene

Concen: 21.971 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022589.D

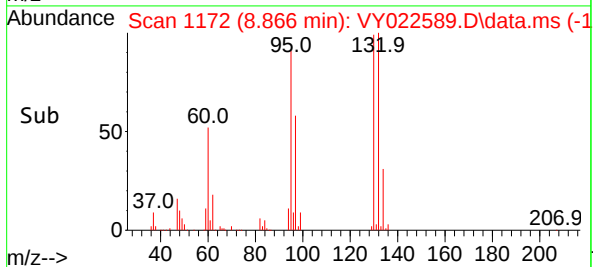
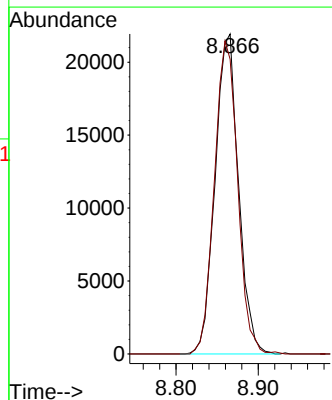
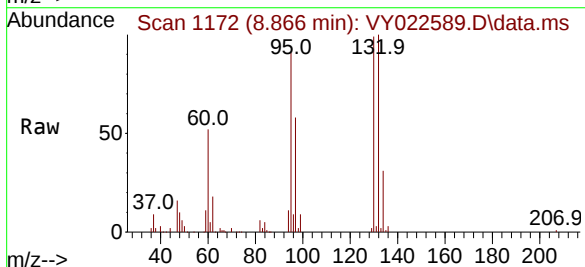
Acq: 06 Jun 2025 10:36

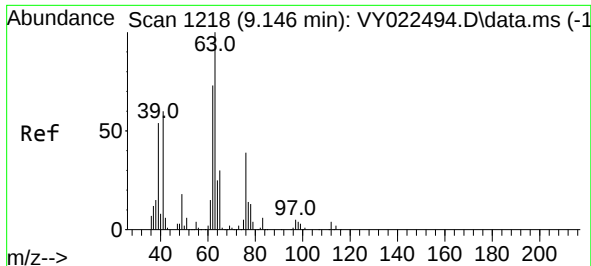
Tgt Ion:130 Resp: 43400

Ion Ratio Lower Upper

130 100

95 92.1 0.0 203.0

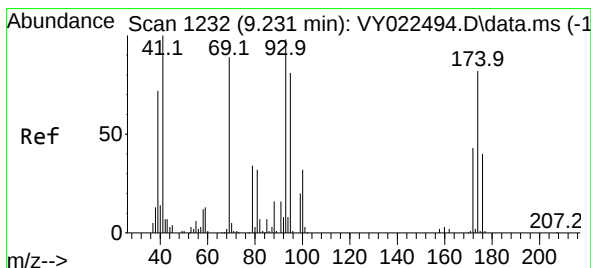
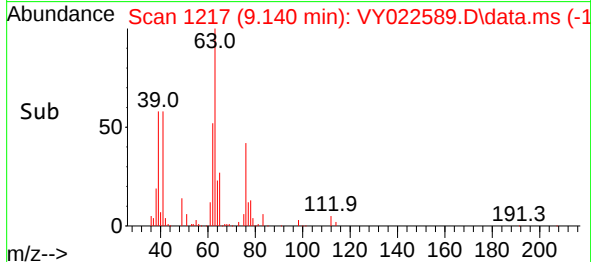
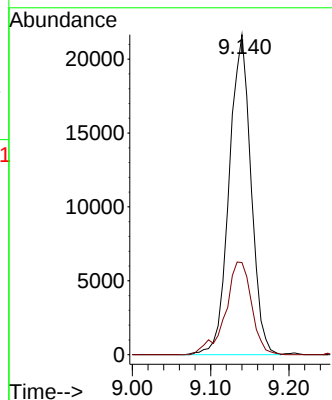
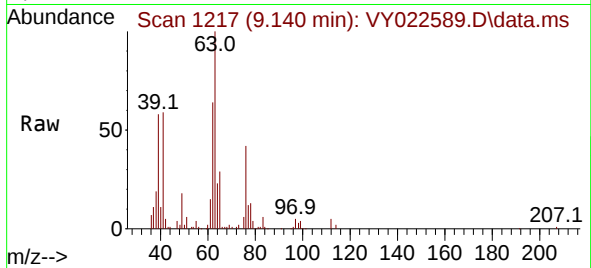




#45
1,2-Dichloropropane
Concen: 21.910 ug/l
RT: 9.140 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

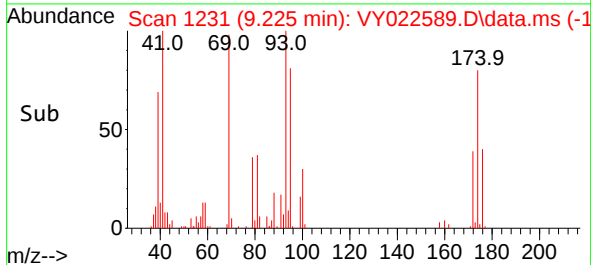
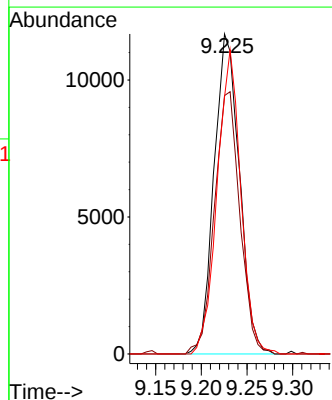
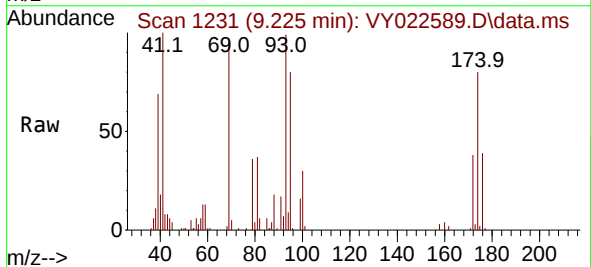
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

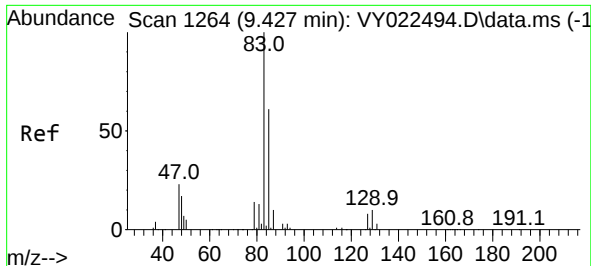
Tgt Ion: 63 Resp: 41851
Ion Ratio Lower Upper
63 100
65 28.8 24.0 36.0



#46
Dibromomethane
Concen: 20.935 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 93 Resp: 22497
Ion Ratio Lower Upper
93 100
95 82.2 65.6 98.4
174 88.6 70.4 105.6

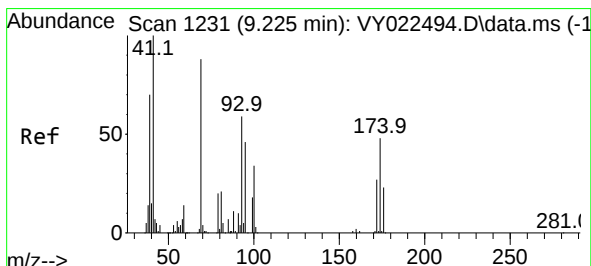
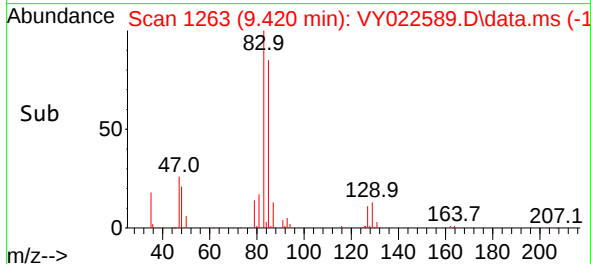
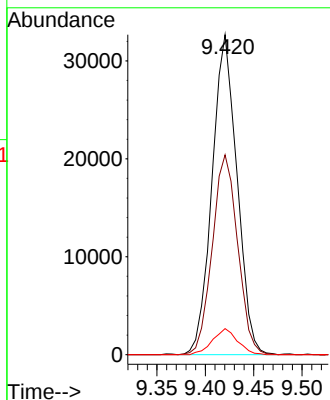
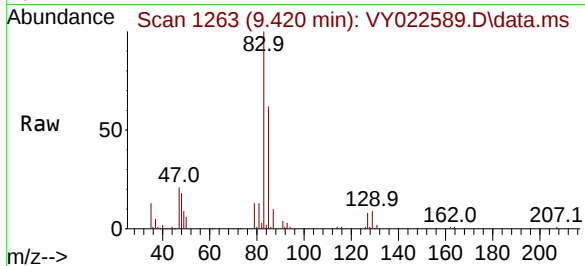




#47
Bromodichloromethane
Concen: 21.516 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

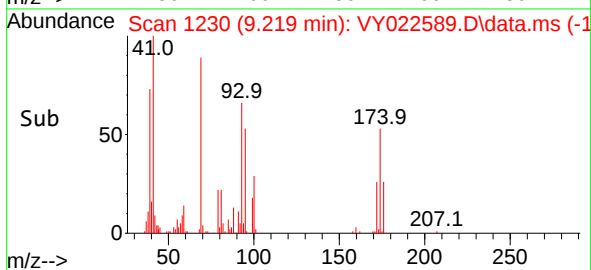
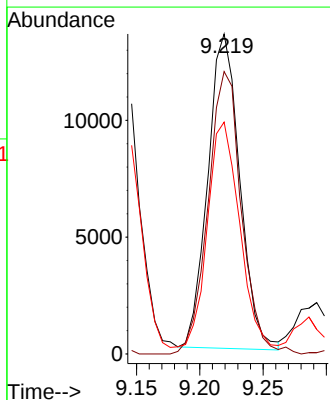
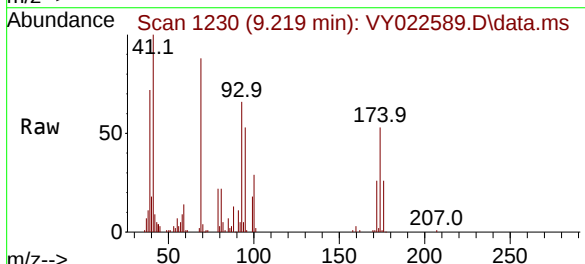
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

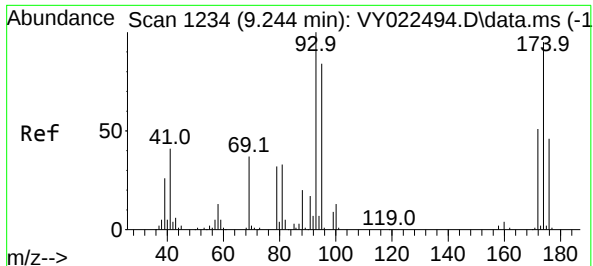
Tgt Ion: 83 Resp: 58627
Ion Ratio Lower Upper
83 100
85 62.5 49.1 73.7
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 19.109 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 41 Resp: 23636
Ion Ratio Lower Upper
41 100
69 93.8 67.8 101.8
39 77.2 55.0 82.4

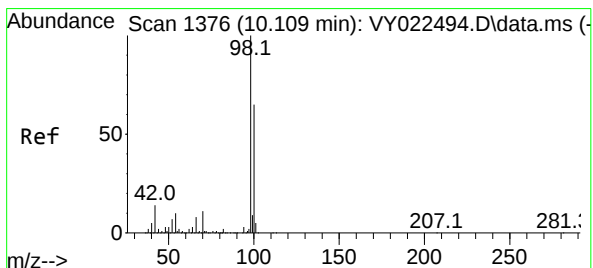
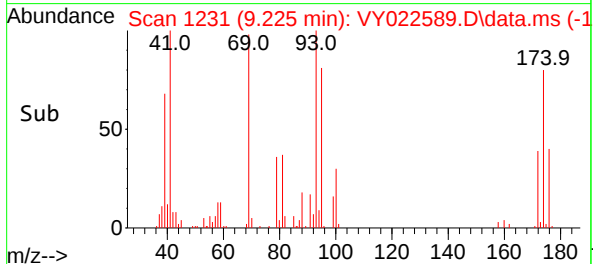
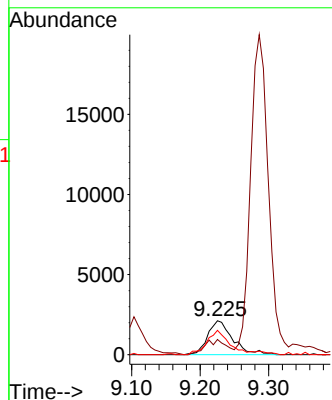
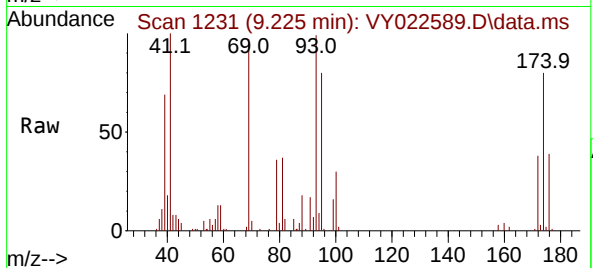




#49
1,4-Dioxane
Concen: 422.363 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

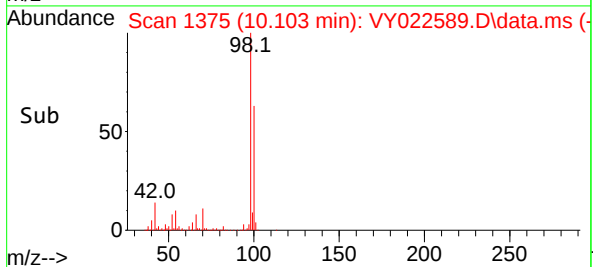
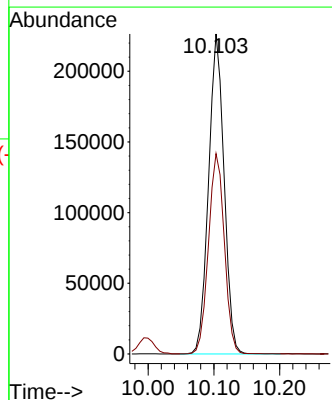
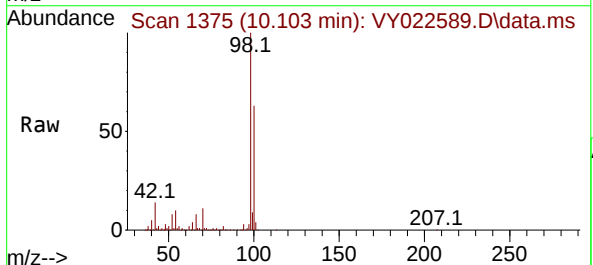
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

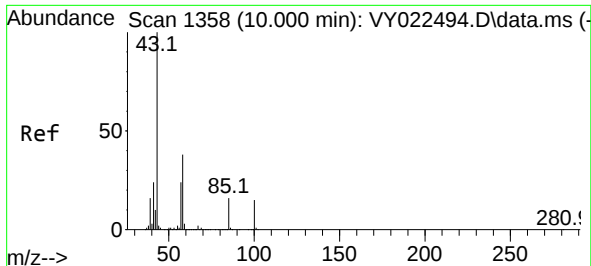
Tgt Ion: 88 Resp: 5377
Ion Ratio Lower Upper
88 100
43 38.6 25.4 38.2#
58 64.9 54.9 82.3



#50
Toluene-d8
Concen: 54.510 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 98 Resp: 371354
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

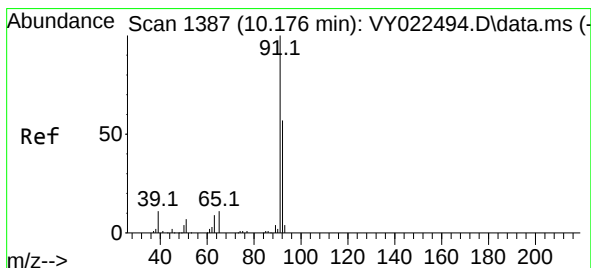
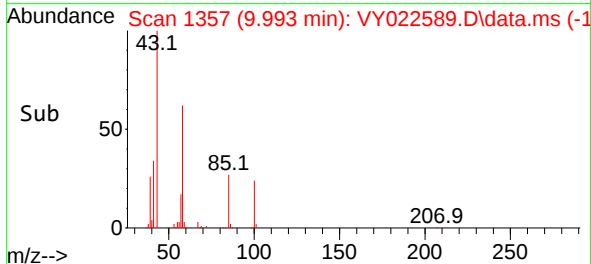
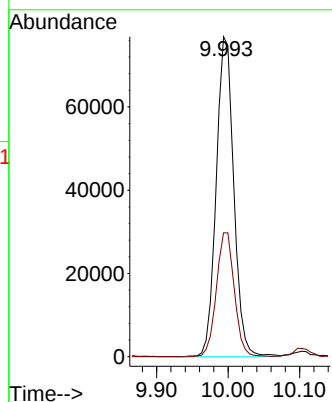
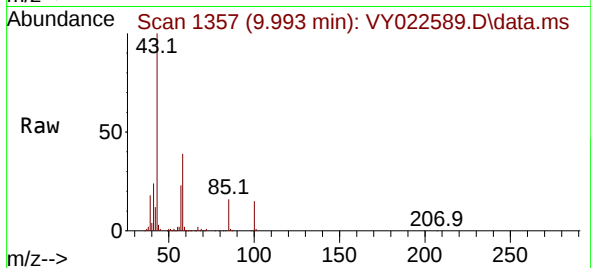




#51
4-Methyl-2-Pentanone
Concen: 100.032 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

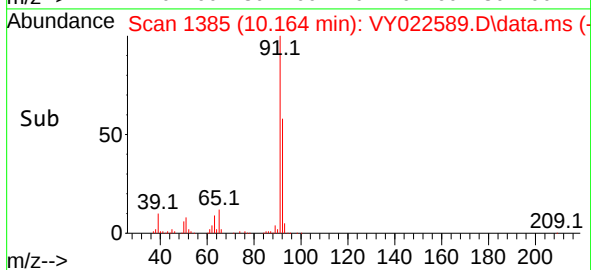
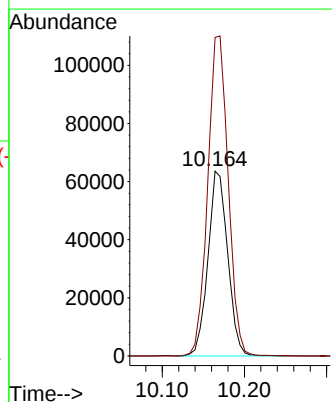
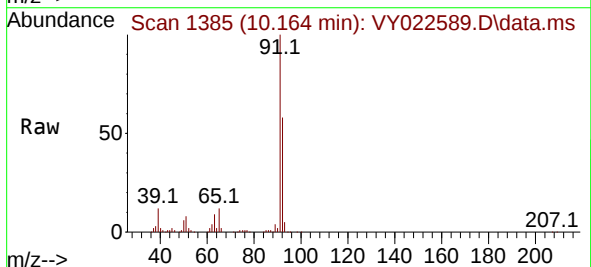
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

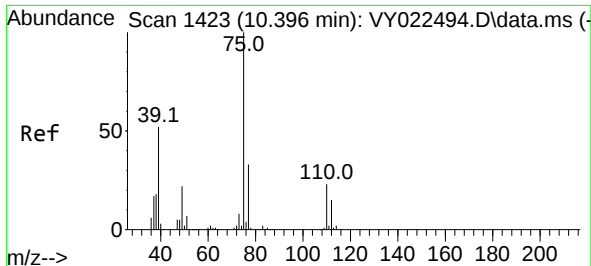
Tgt Ion: 43 Resp: 131440
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6



#52
Toluene
Concen: 20.841 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 92 Resp: 105853
Ion Ratio Lower Upper
92 100
91 179.6 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 20.074 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

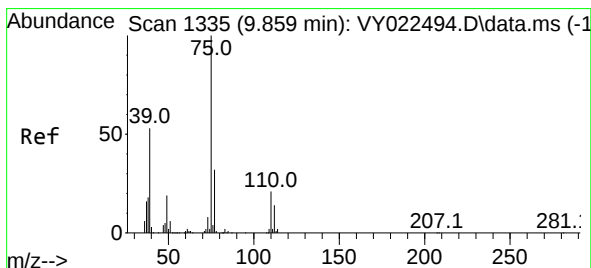
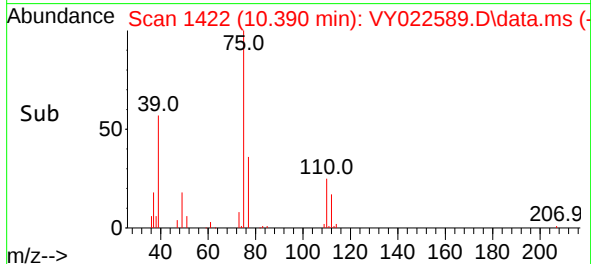
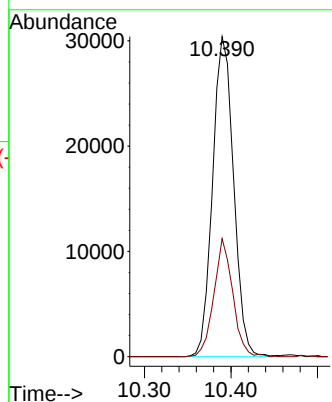
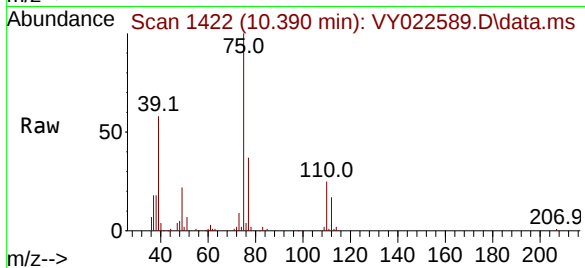
VY0606SBS01

Tgt Ion: 75 Resp: 51249

Ion Ratio Lower Upper

75 100

77 36.9 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 21.097 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

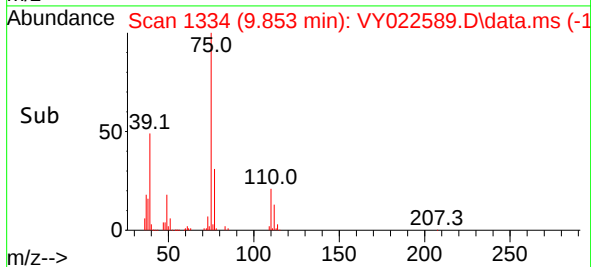
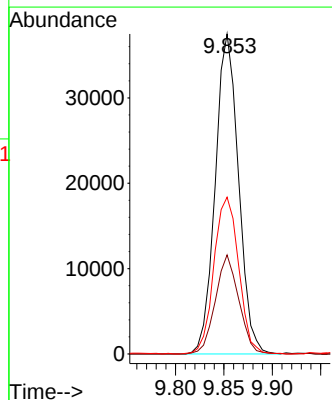
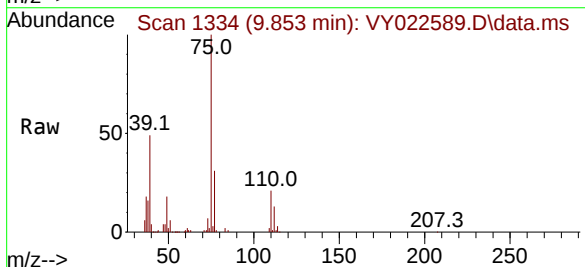
Tgt Ion: 75 Resp: 62698

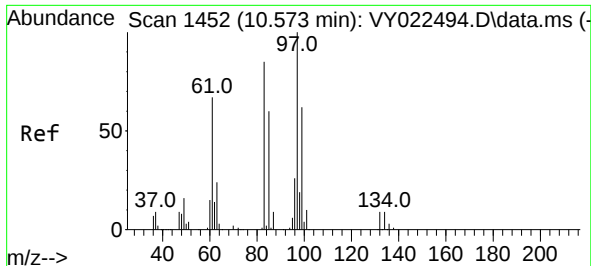
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 49.0 42.7 64.1

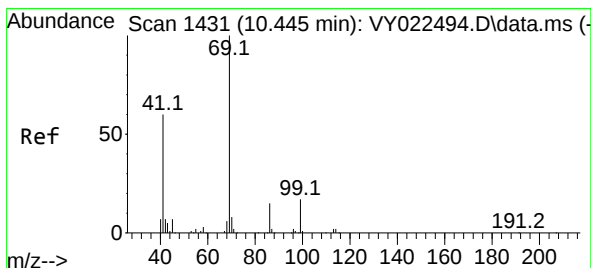
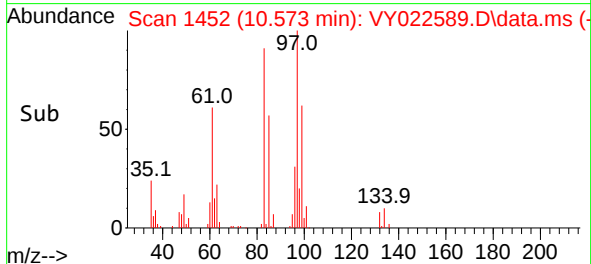
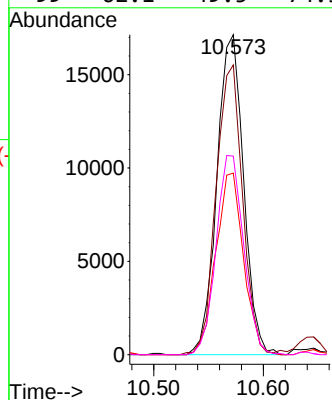
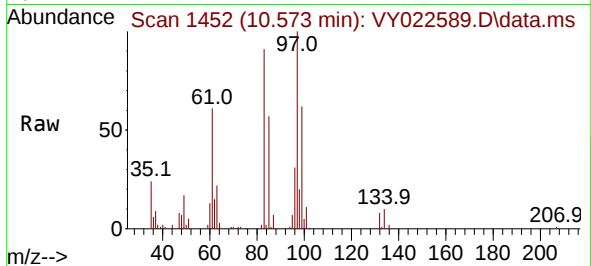




#55
1,1,2-Trichloroethane
Concen: 21.175 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

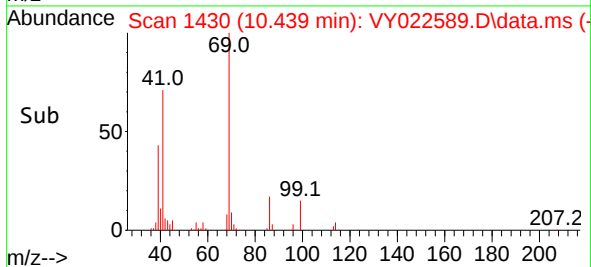
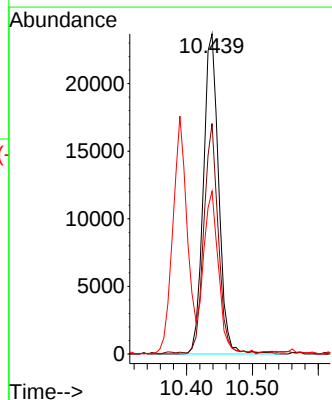
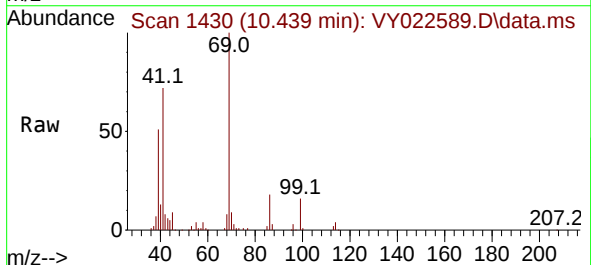
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

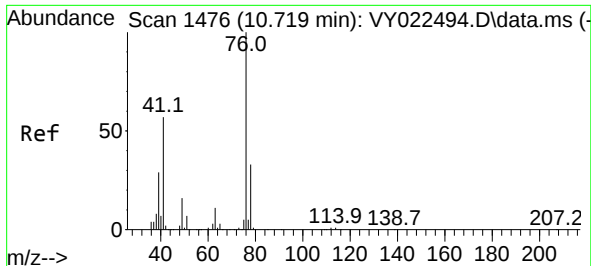
Tgt Ion: 97	Resp: 29015
Ion Ratio	Lower Upper
97 100	
83 90.6	68.1 102.1
85 56.7	48.2 72.2
99 62.1	49.5 74.3



#56
Ethyl methacrylate
Concen: 19.291 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 69	Resp: 38205
Ion Ratio	Lower Upper
69 100	
41 66.8	52.2 78.2
39 50.0	36.7 55.1





#57

1,3-Dichloropropane

Concen: 21.072 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

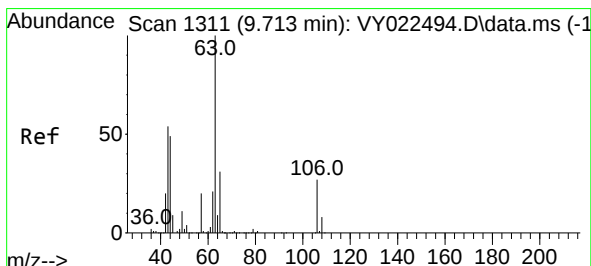
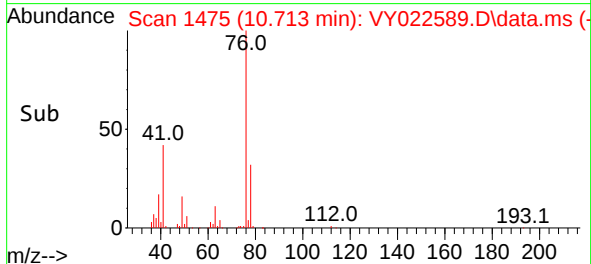
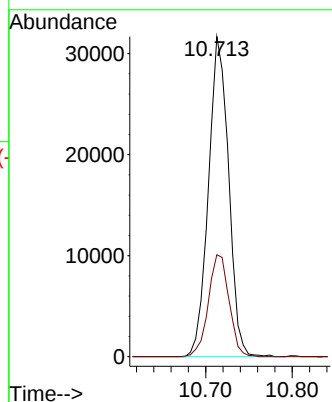
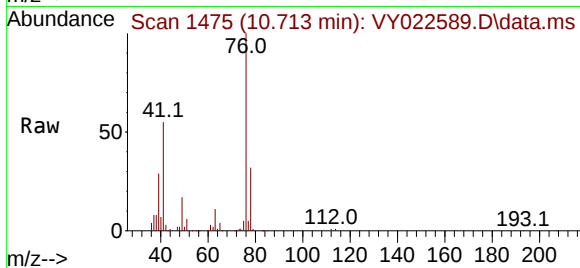
VY0606SBS01

Tgt Ion: 76 Resp: 51177

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.758 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022589.D

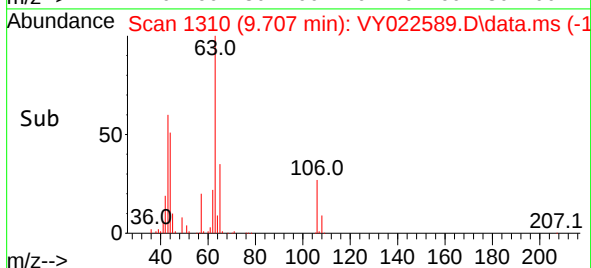
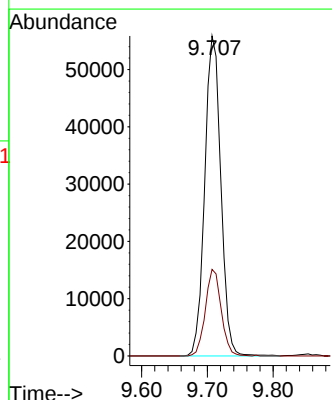
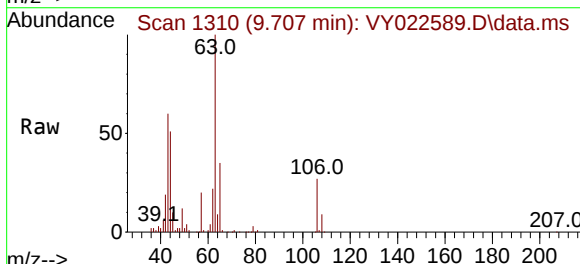
Acq: 06 Jun 2025 10:36

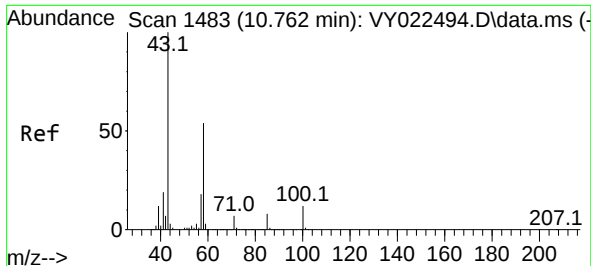
Tgt Ion: 63 Resp: 95094

Ion Ratio Lower Upper

63 100

106 26.6 21.6 32.4

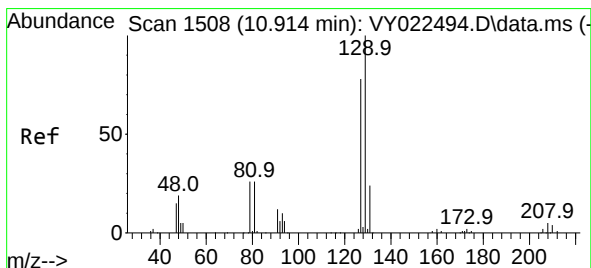
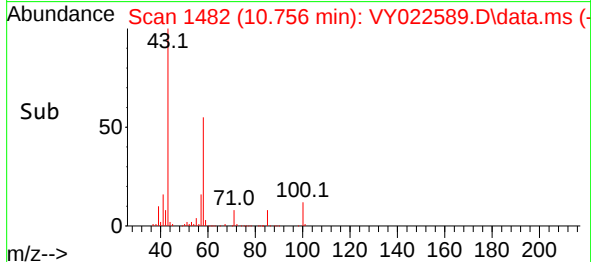
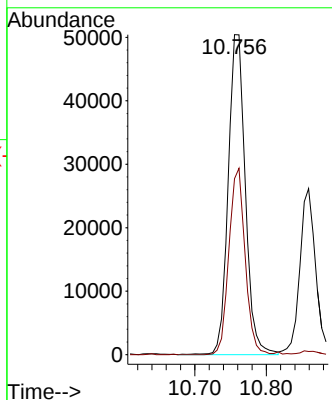
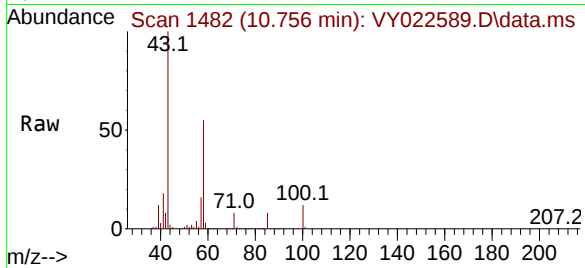




#59
2-Hexanone
Concen: 95.451 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

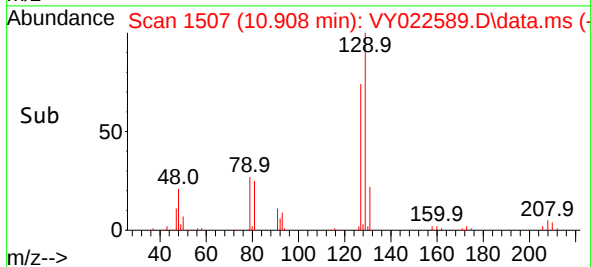
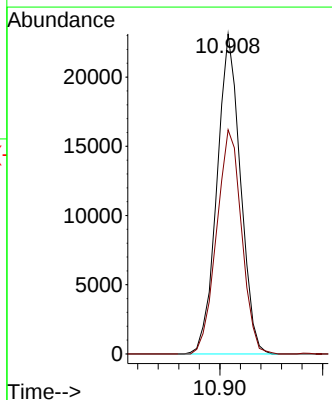
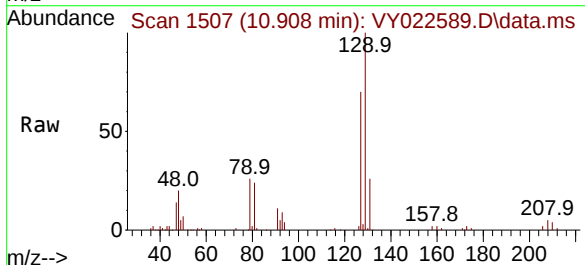
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

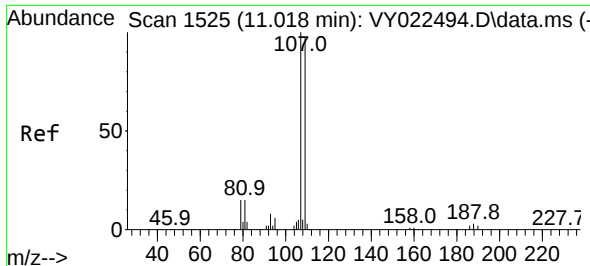
Tgt Ion: 43 Resp: 83881
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 21.042 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 129 Resp: 36641
Ion Ratio Lower Upper
129 100
127 74.5 39.1 117.2

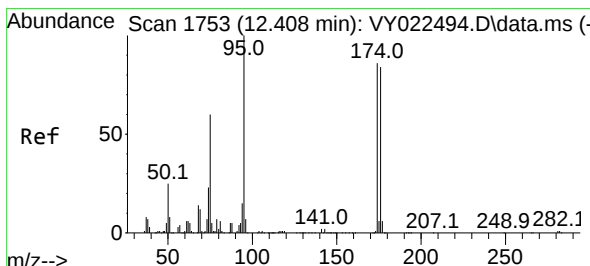
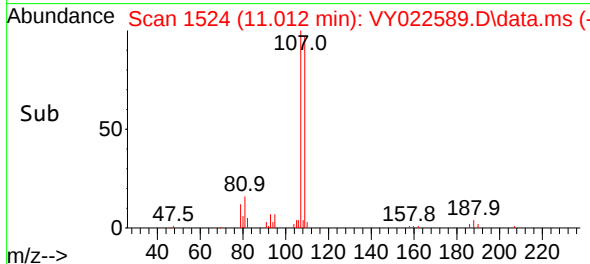
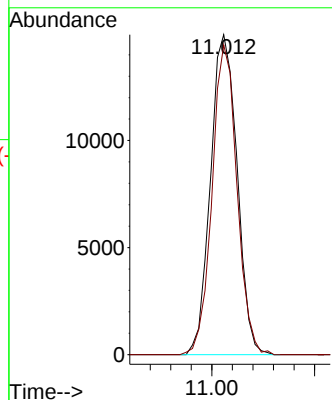
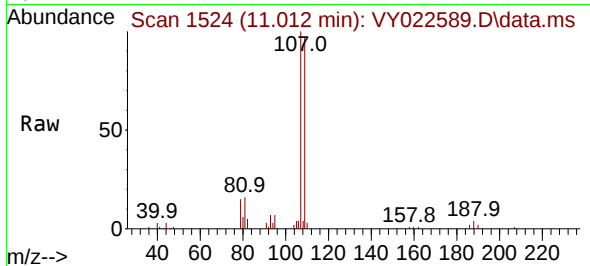




#61
1,2-Dibromoethane
Concen: 21.453 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

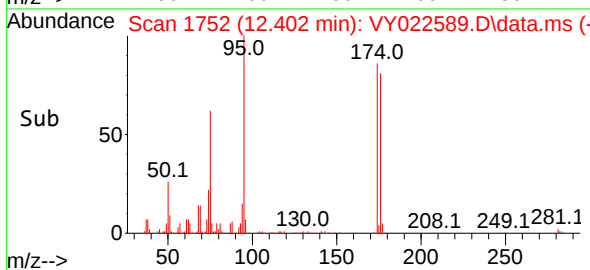
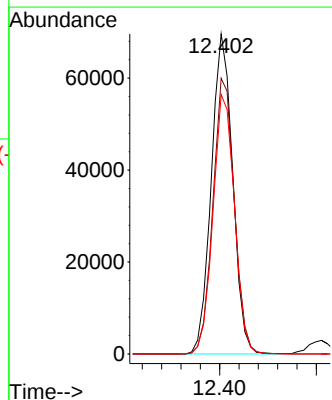
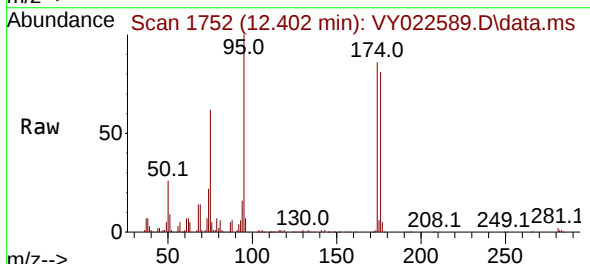
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

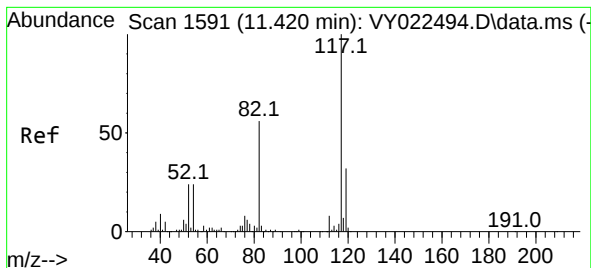
Tgt Ion:107 Resp: 26793
Ion Ratio Lower Upper
107 100
109 90.7 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 52.650 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 95 Resp: 106868
Ion Ratio Lower Upper
95 100
174 86.0 0.0 170.0
176 81.6 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

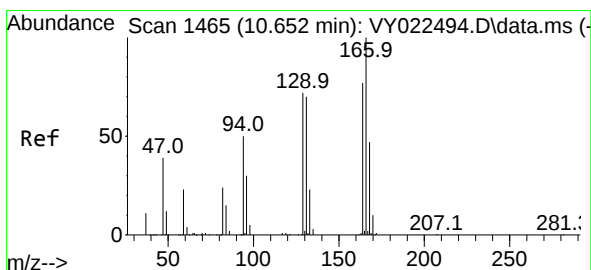
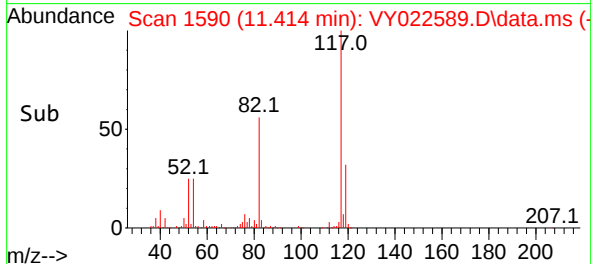
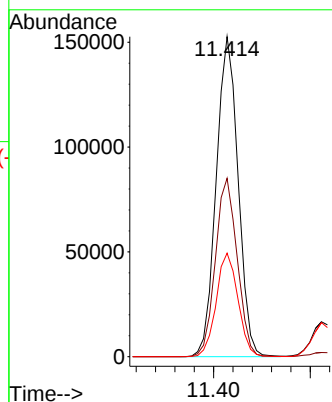
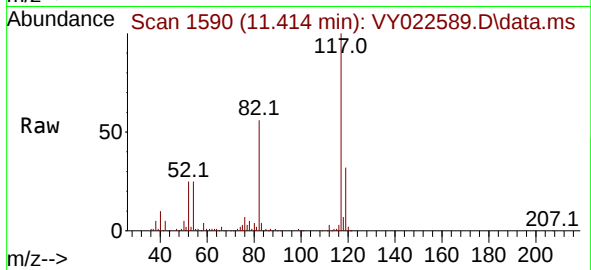
Tgt Ion:117 Resp: 239523

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 23.401 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. -0.012 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Tgt Ion:164 Resp: 48215

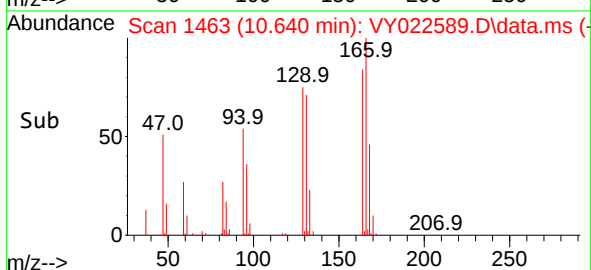
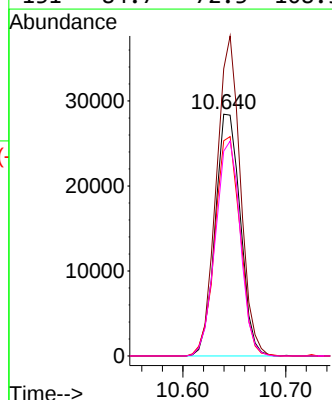
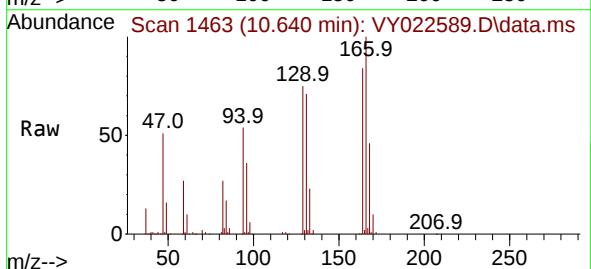
Ion Ratio Lower Upper

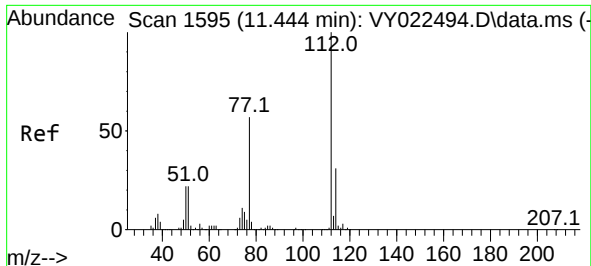
164 100

166 118.8 104.0 156.0

129 89.0 74.5 111.7

131 84.7 72.3 108.5

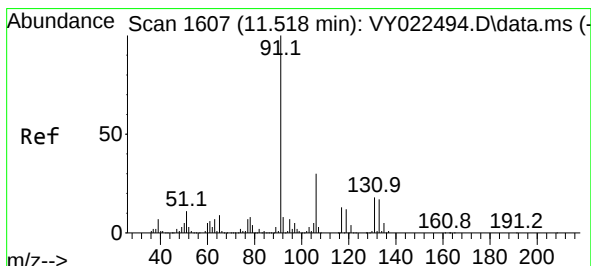
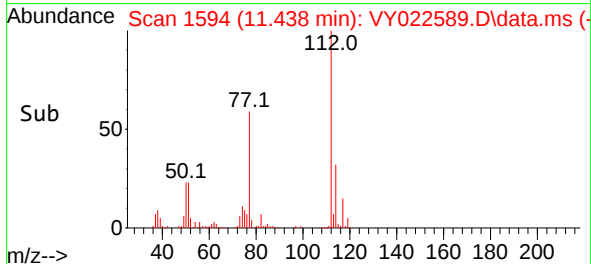
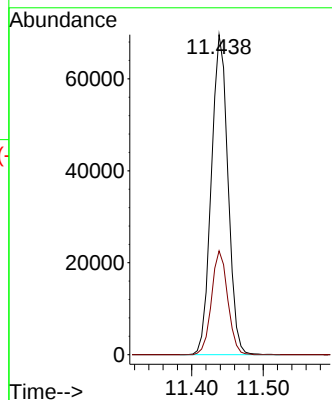
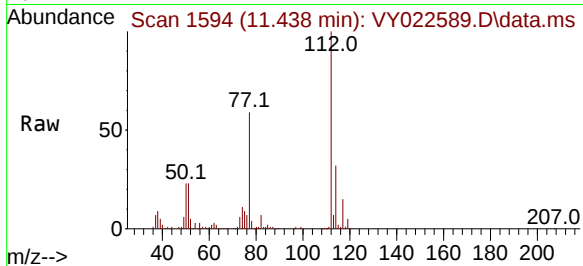




#65
Chlorobenzene
Concen: 21.207 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

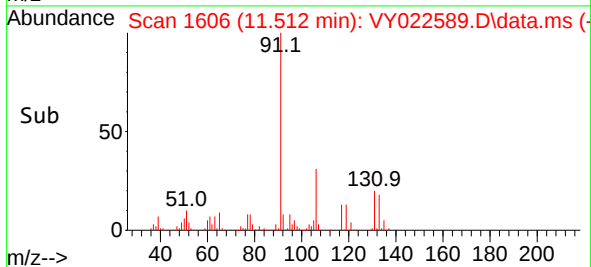
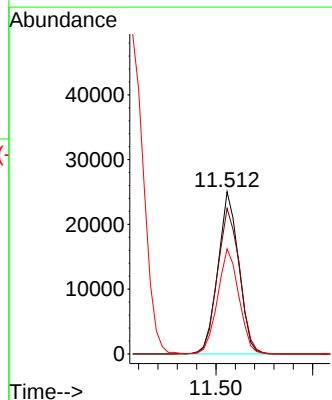
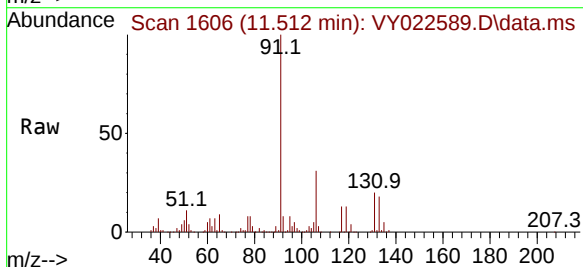
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion:112 Resp: 112402
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.956 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:131 Resp: 37418
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 66.2 33.1 99.3

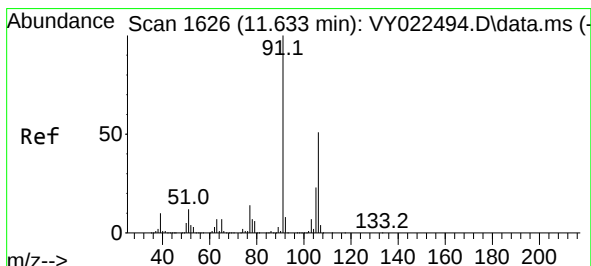
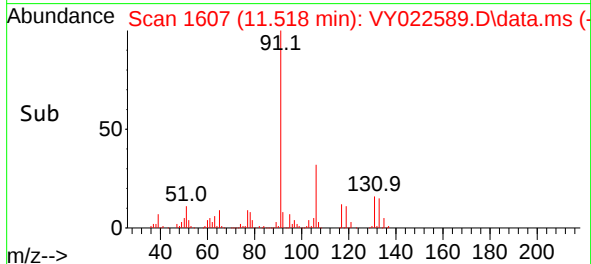
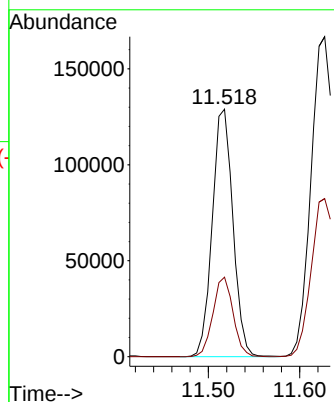
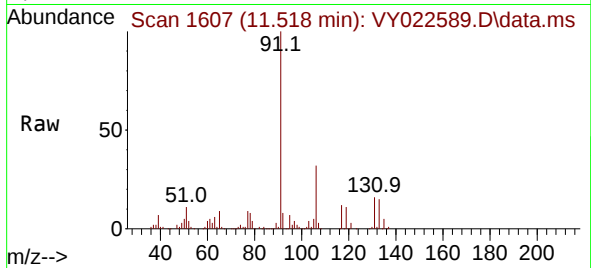




#67
Ethyl Benzene
Concen: 20.593 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

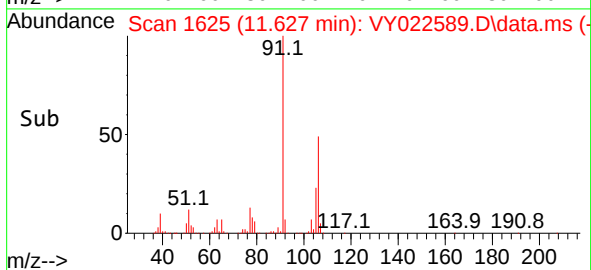
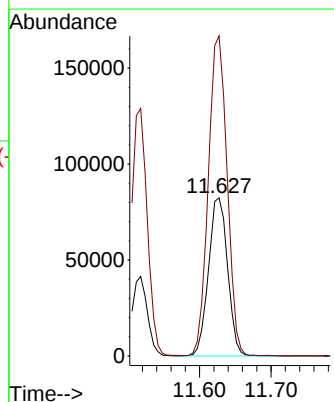
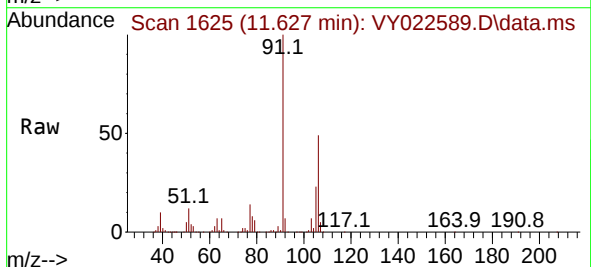
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

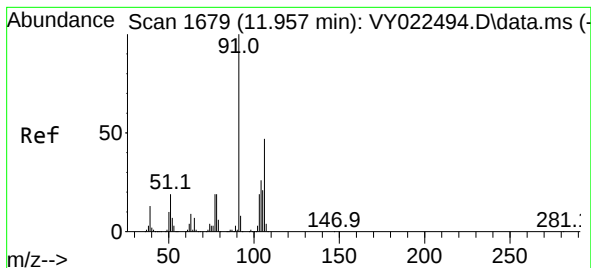
Tgt Ion: 91 Resp: 202447
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4



#68
m/p-Xylenes
Concen: 41.027 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:106 Resp: 152902
Ion Ratio Lower Upper
106 100
91 198.8 159.4 239.0

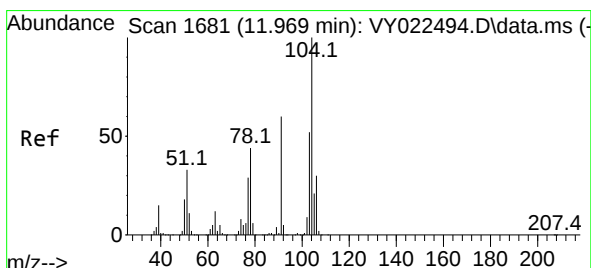
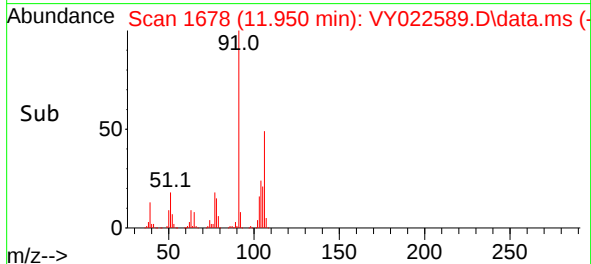
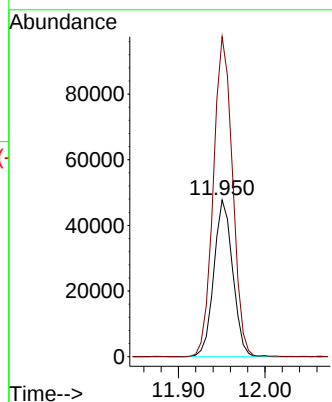
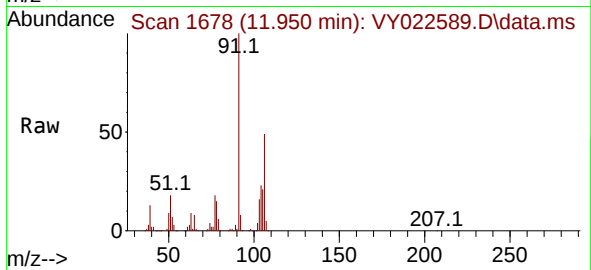




#69
o-Xylene
Concen: 20.606 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

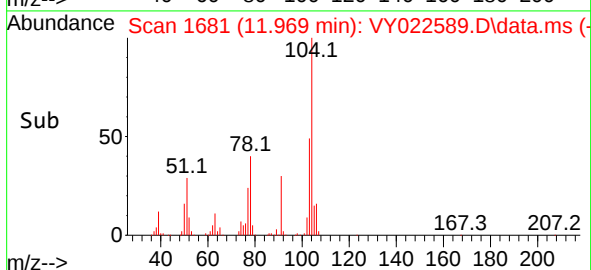
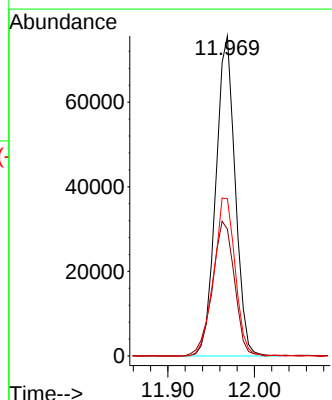
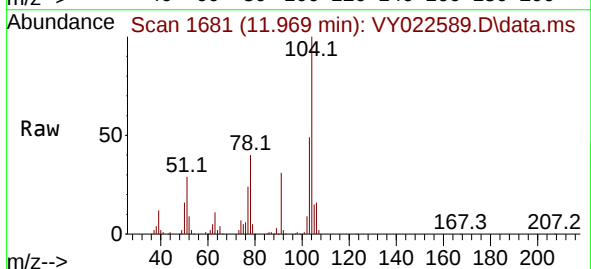
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

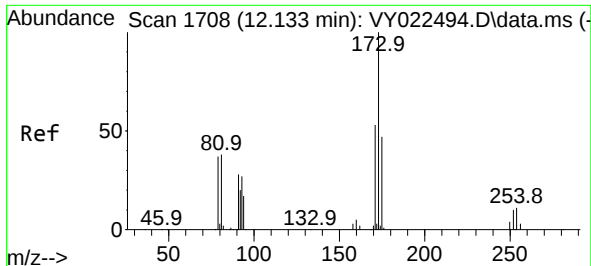
Tgt Ion:106 Resp: 72002
Ion Ratio Lower Upper
106 100
91 209.2 105.8 317.3



#70
Styrene
Concen: 20.334 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:104 Resp: 117445
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.9 44.1 66.1

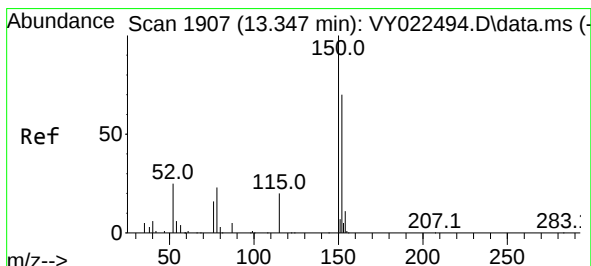
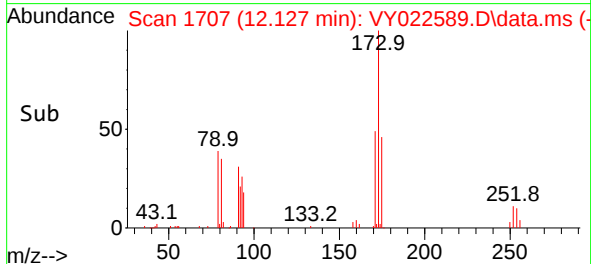
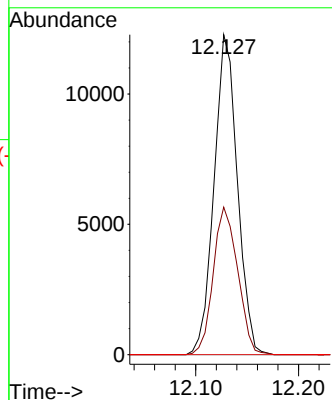
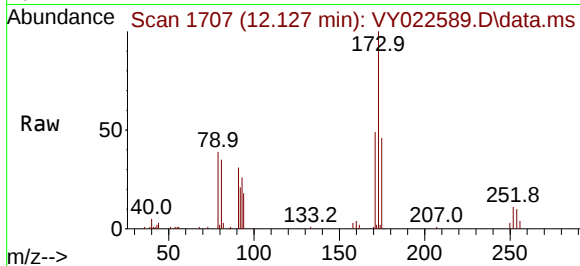




#71
Bromoform
Concen: 20.341 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

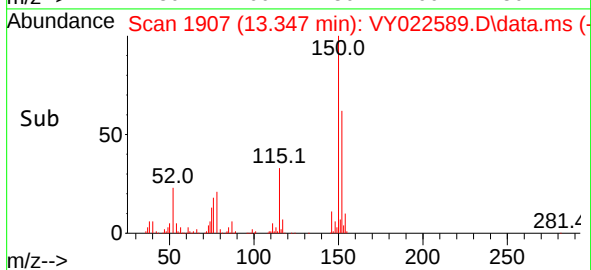
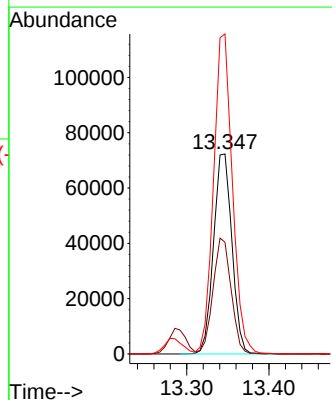
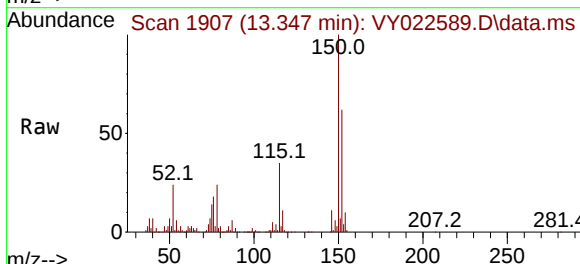
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

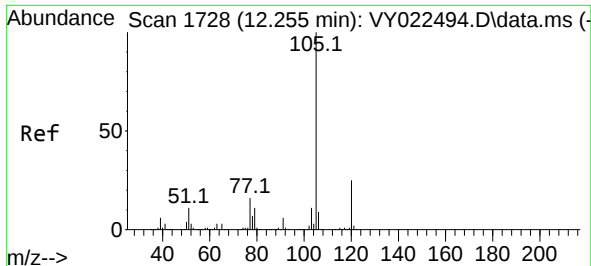
Tgt Ion:173 Resp: 19327
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:152 Resp: 112396
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 164.1 0.0 349.6

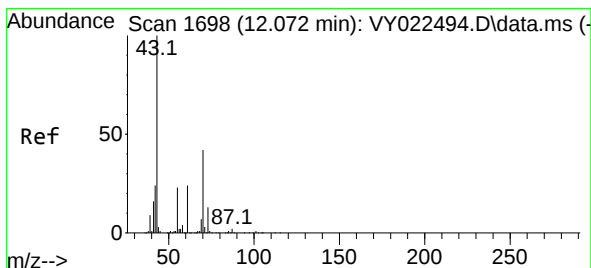
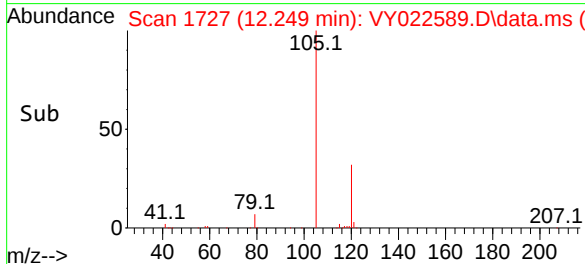
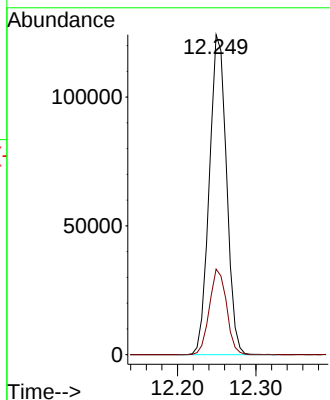
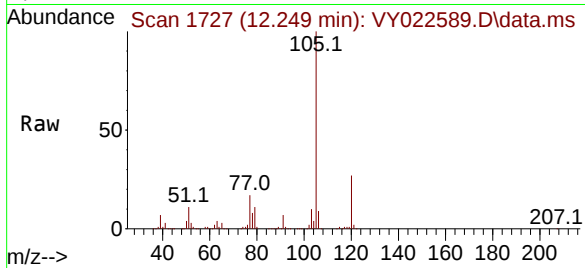




#73
Isopropylbenzene
Concen: 20.482 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

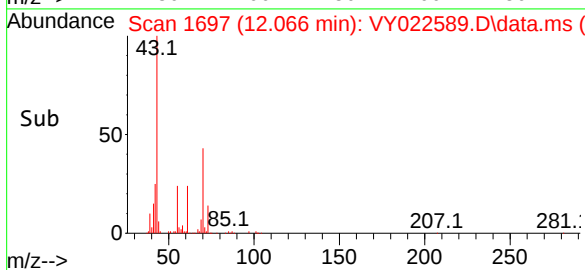
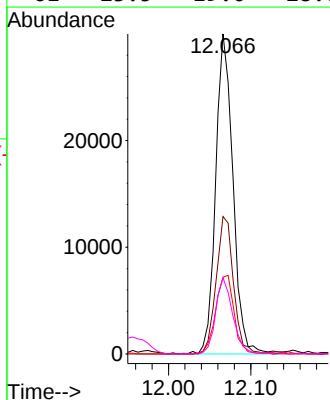
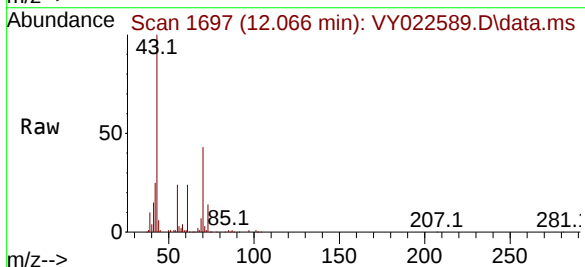
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

Tgt Ion:105 Resp: 189003
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 18.824 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 43 Resp: 43828
Ion Ratio Lower Upper
43 100
70 43.1 34.2 51.2
55 26.1 18.2 27.4
61 23.5 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 19.603 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

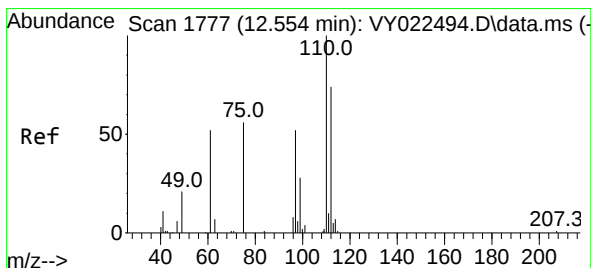
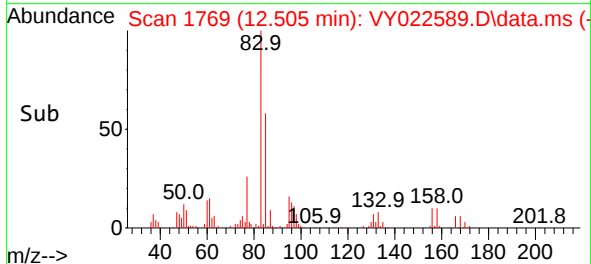
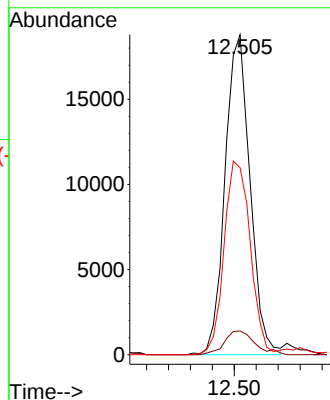
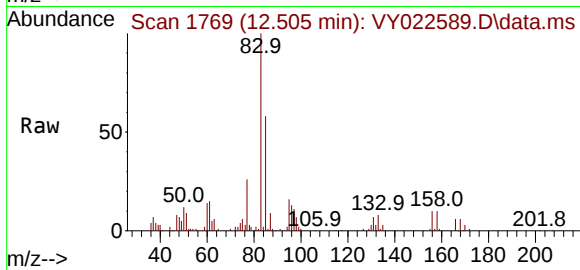
Tgt Ion: 83 Resp: 29688

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.7

85 63.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 33.358 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022589.D

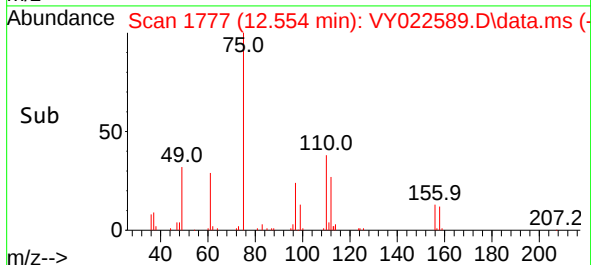
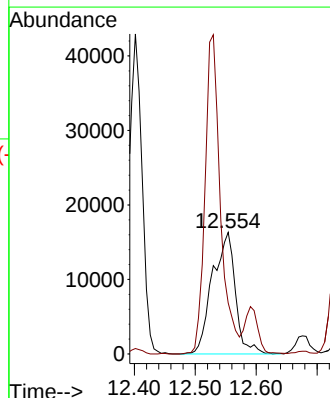
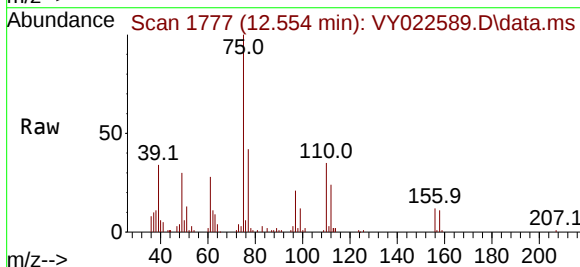
Acq: 06 Jun 2025 10:36

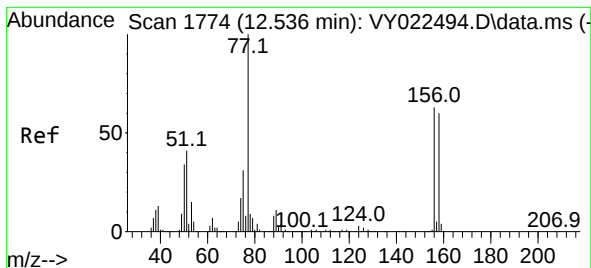
Tgt Ion: 75 Resp: 42894

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.207 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

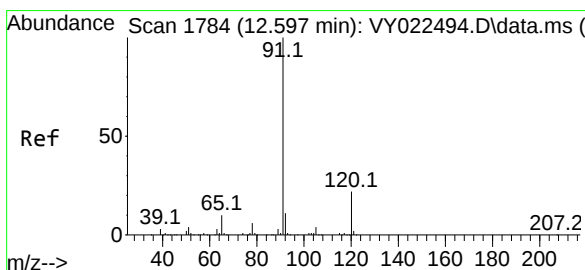
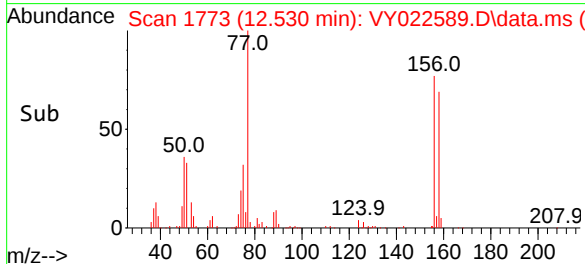
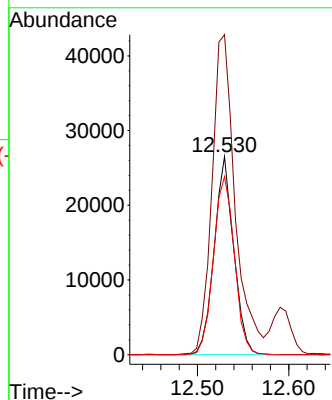
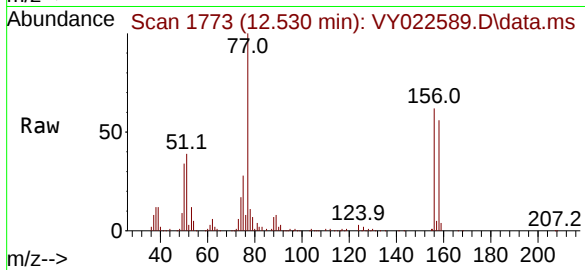
Tgt Ion:156 Resp: 39349

Ion Ratio Lower Upper

156 100

77 192.1 94.0 282.1

158 96.2 48.2 144.6



#78

n-propylbenzene

Concen: 20.621 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022589.D

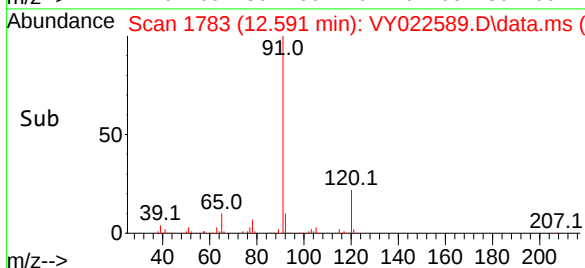
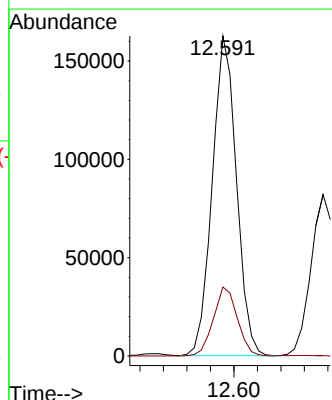
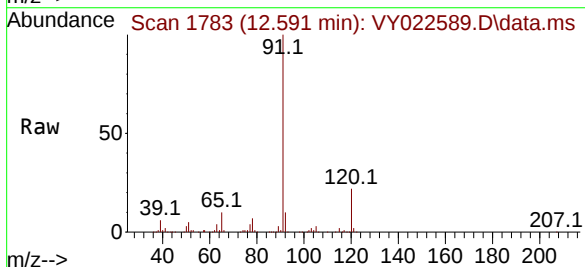
Acq: 06 Jun 2025 10:36

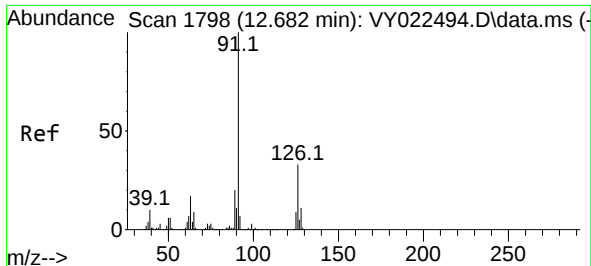
Tgt Ion: 91 Resp: 232411

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.4

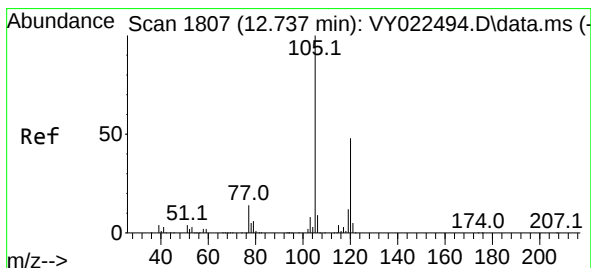
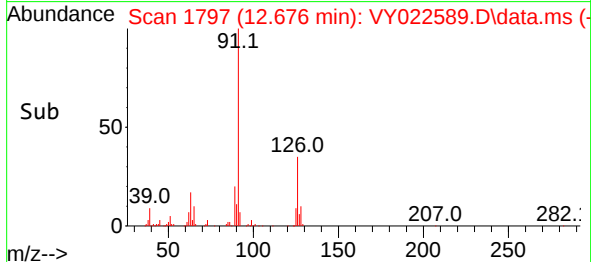
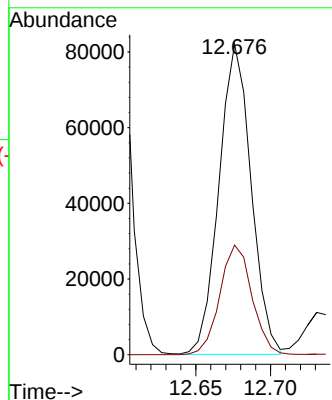
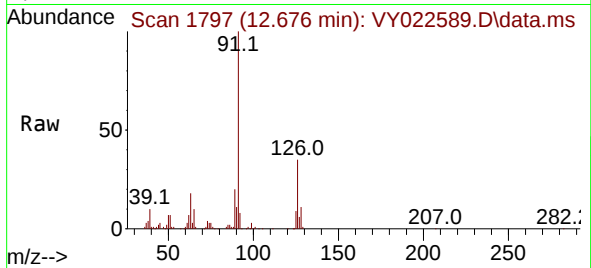




#79
2-Chlorotoluene
Concen: 20.520 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

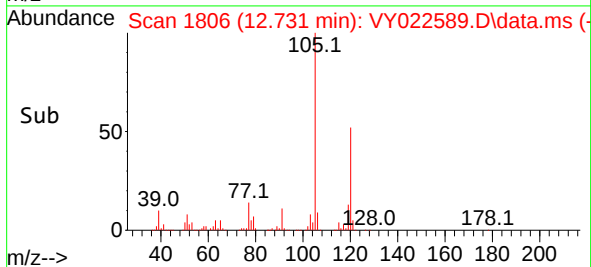
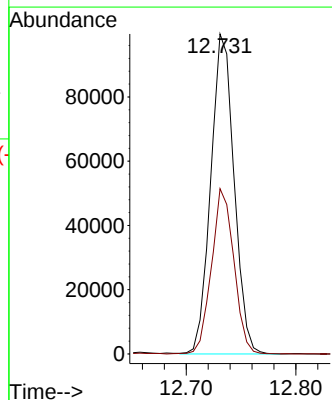
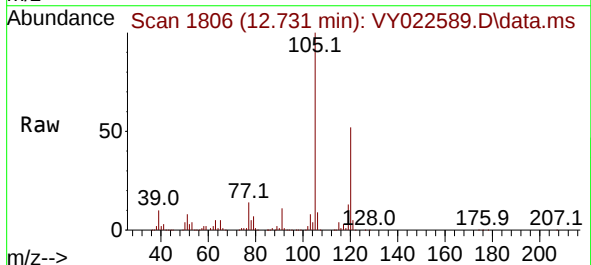
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

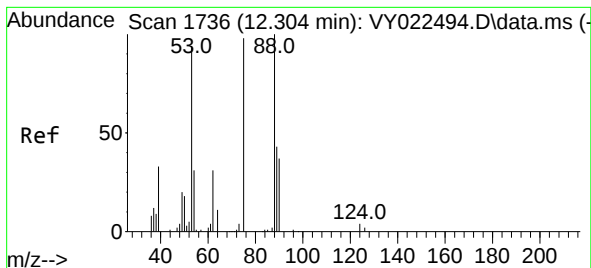
Tgt Ion: 91 Resp: 122577
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.333 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:105 Resp: 147301
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.4

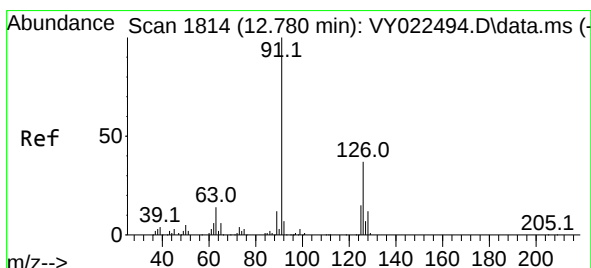
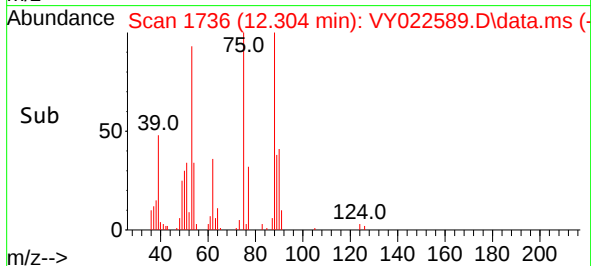
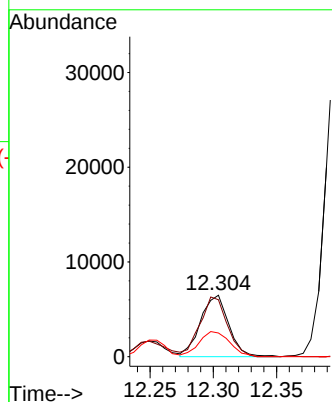
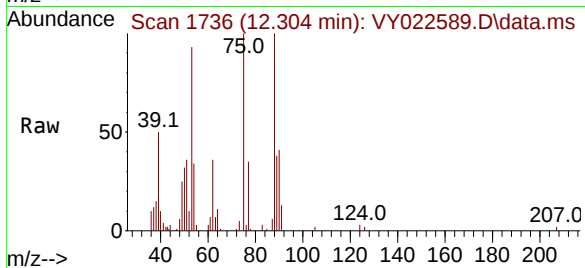




#81
trans-1,4-Dichloro-2-butene
Concen: 18.929 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

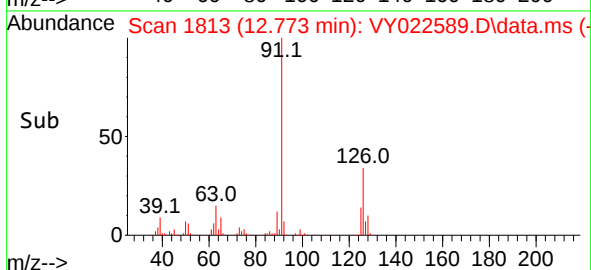
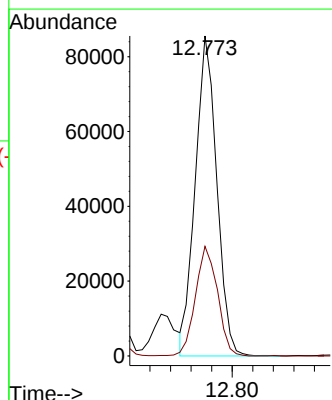
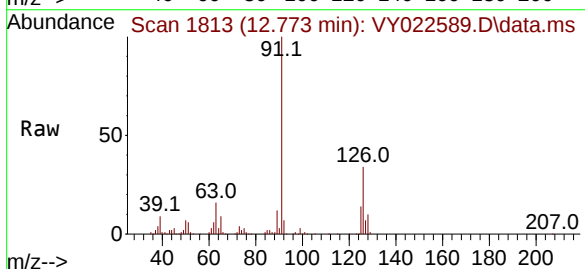
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

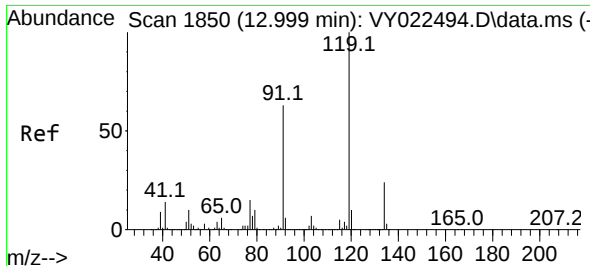
Tgt Ion: 75 Resp: 10079
Ion Ratio Lower Upper
75 100
53 94.0 78.5 117.7
89 44.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.174 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion: 91 Resp: 124318
Ion Ratio Lower Upper
91 100
126 35.2 17.0 50.9

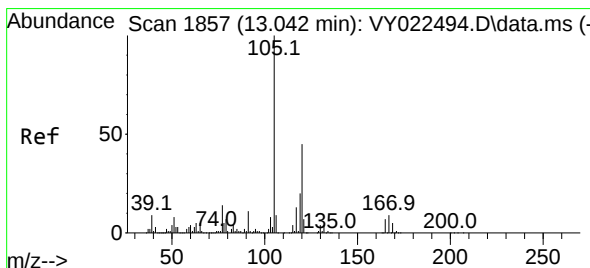
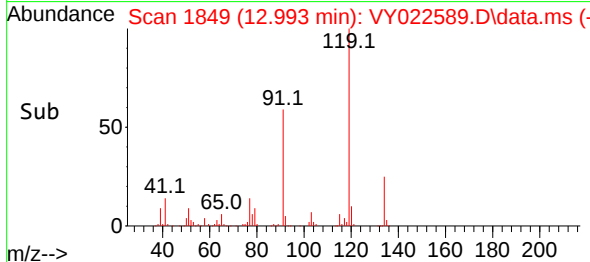
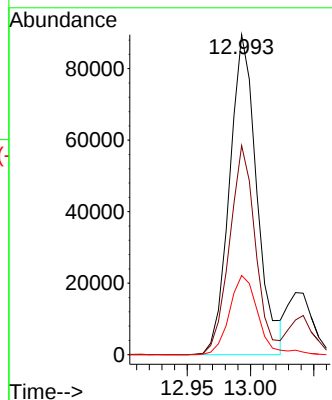
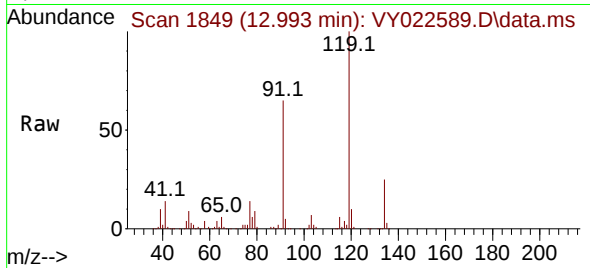




#83
tert-Butylbenzene
Concen: 20.697 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

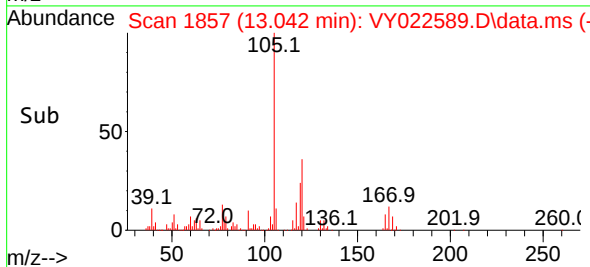
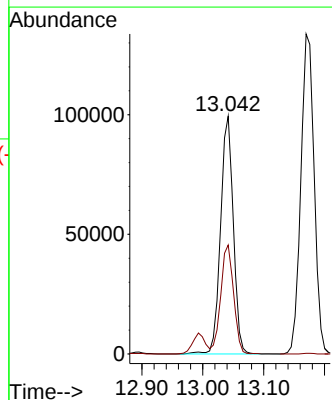
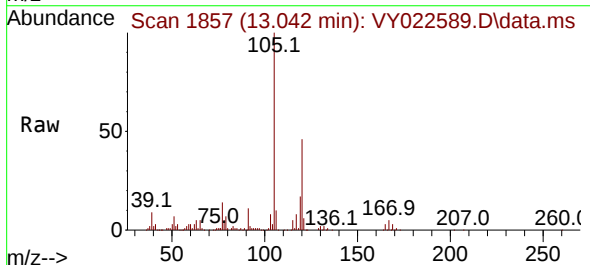
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBS01

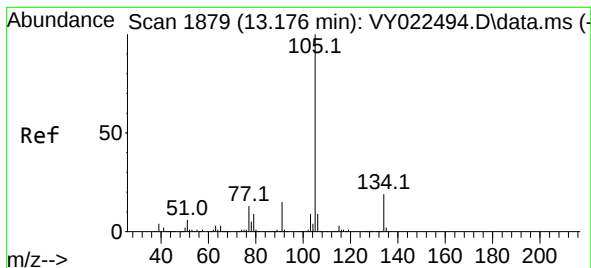
Tgt Ion:119 Resp: 134574
Ion Ratio Lower Upper
119 100
91 62.6 32.1 96.3
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.974 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022589.D
Acq: 06 Jun 2025 10:36

Tgt Ion:105 Resp: 144727
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.361 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

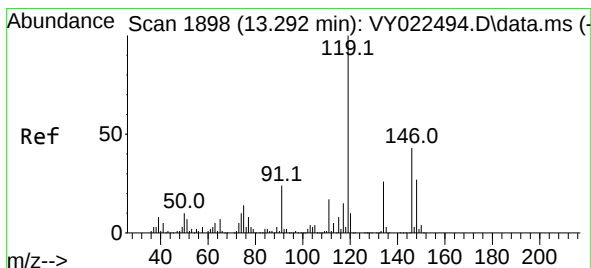
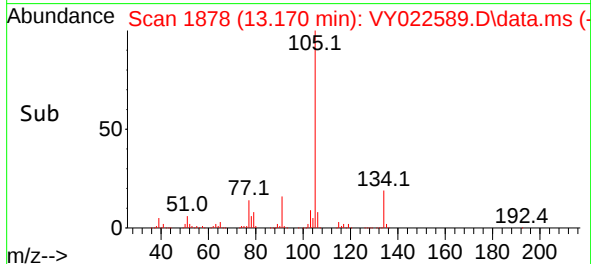
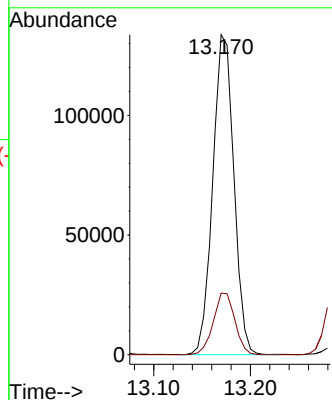
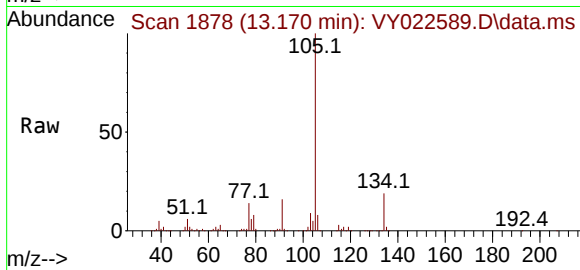
VY0606SBS01

Tgt Ion:105 Resp: 202764

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.101 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

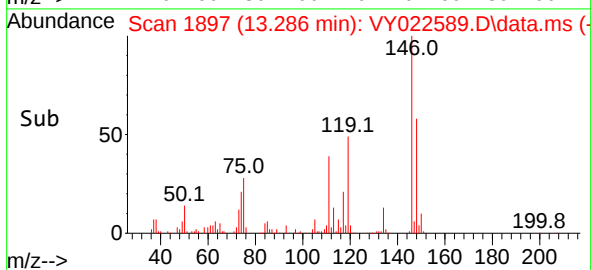
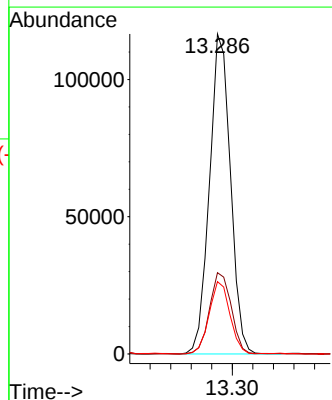
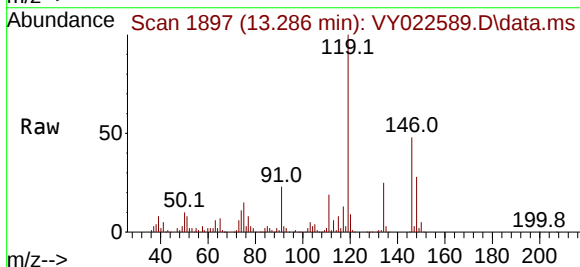
Tgt Ion:119 Resp: 164993

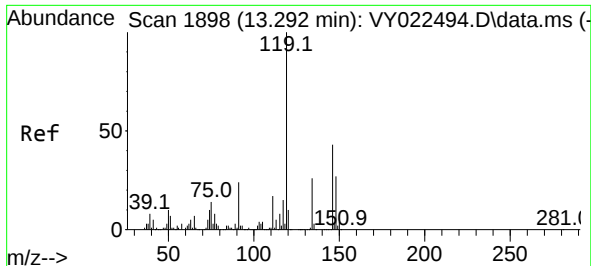
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.641 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

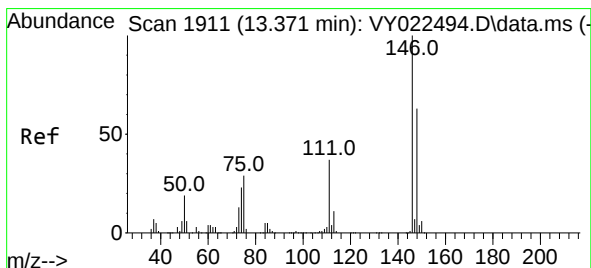
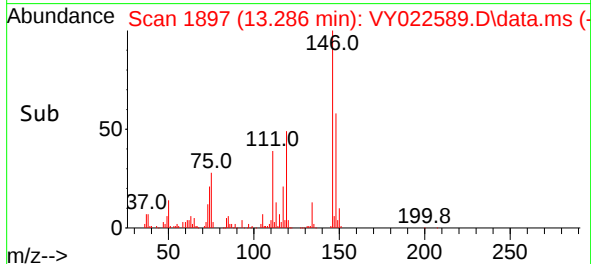
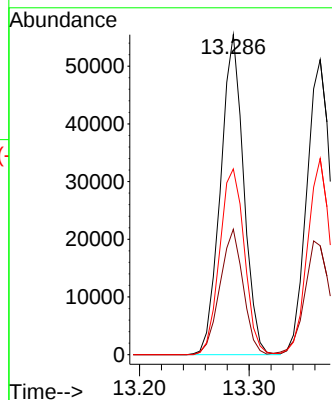
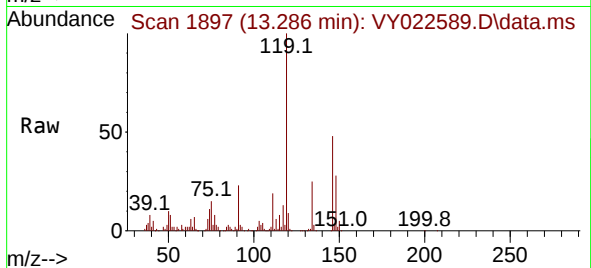
Tgt Ion:146 Resp: 81437

Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.2

148 61.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.337 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

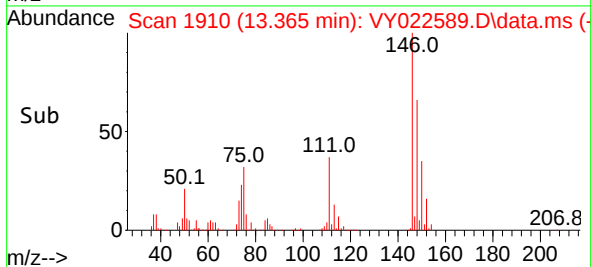
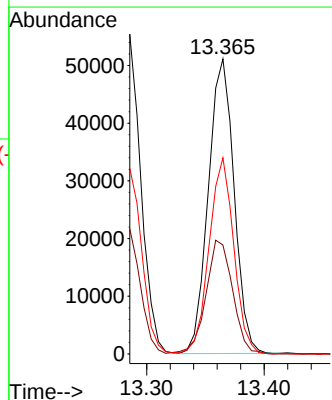
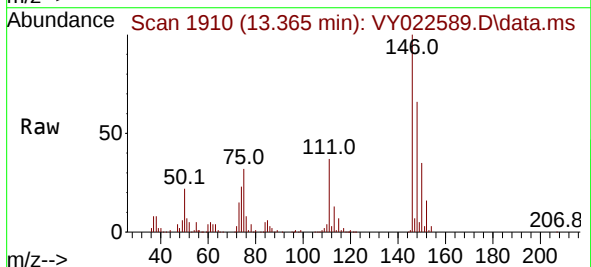
Tgt Ion:146 Resp: 77821

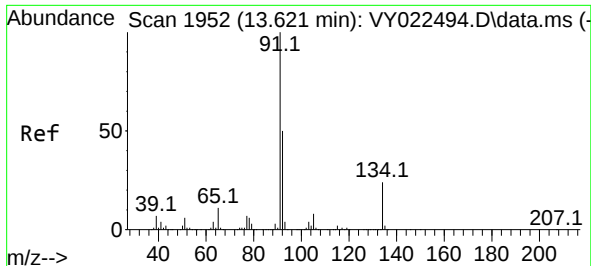
Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 20.675 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

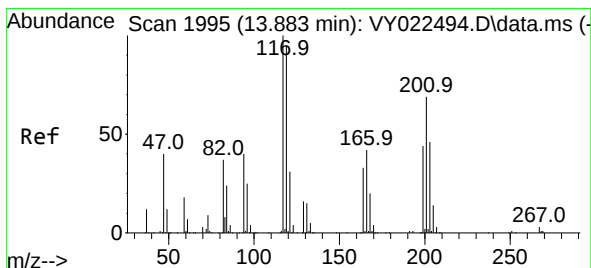
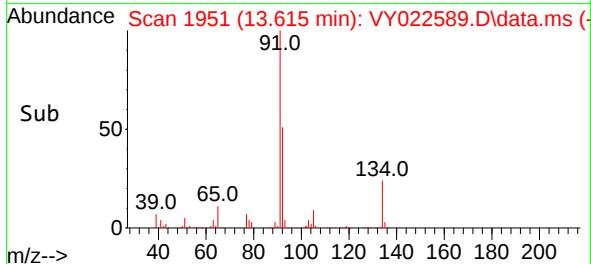
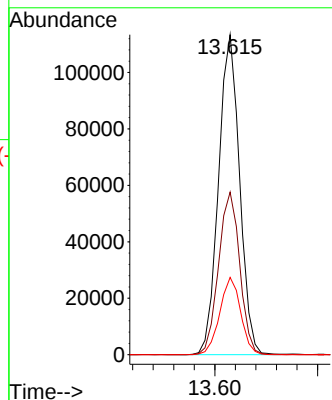
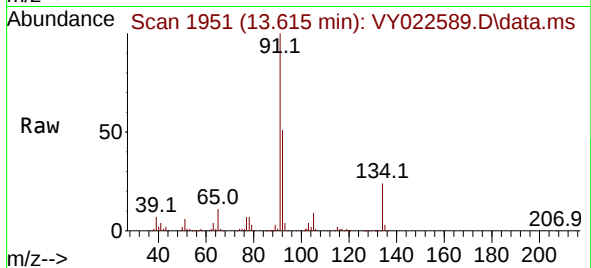
Tgt Ion: 91 Resp: 161013

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 20.030 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022589.D

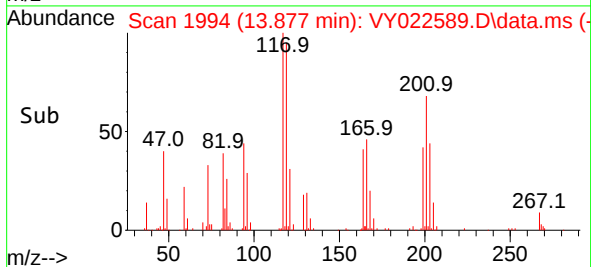
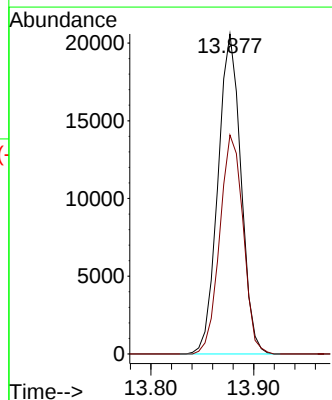
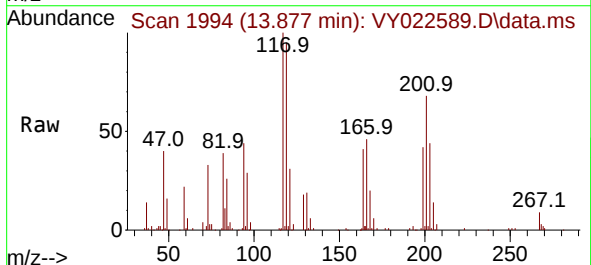
Acq: 06 Jun 2025 10:36

Tgt Ion: 117 Resp: 32009

Ion Ratio Lower Upper

117 100

201 69.5 34.0 102.0

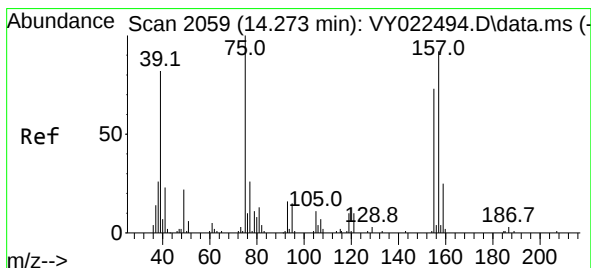
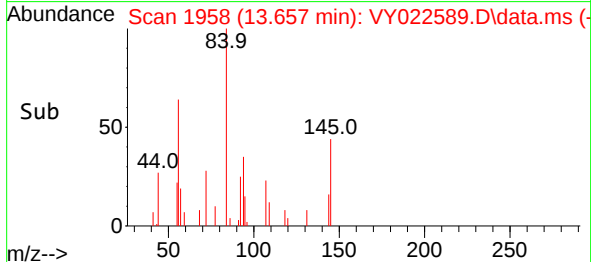
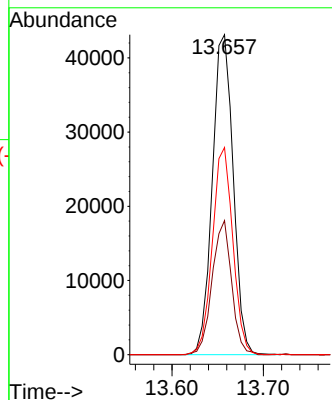
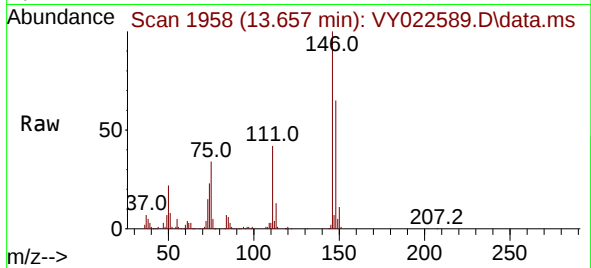




#91
 1,2-Dichlorobenzene
 Concen: 20.402 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022589.D
 Acq: 06 Jun 2025 10:36

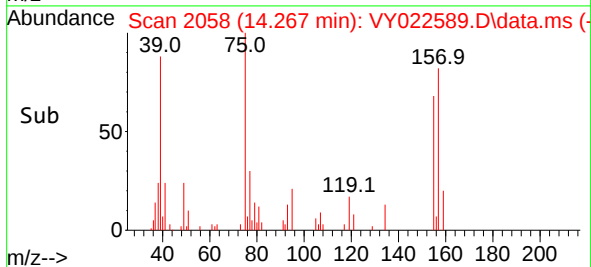
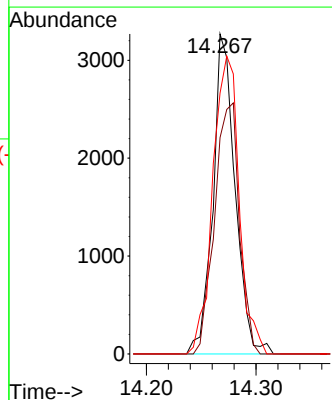
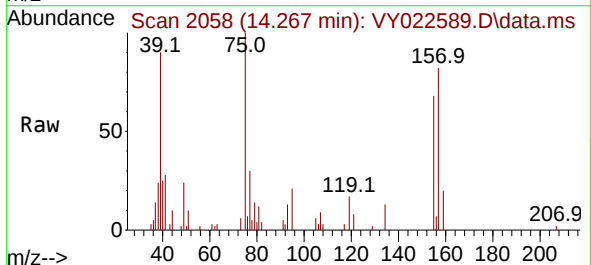
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

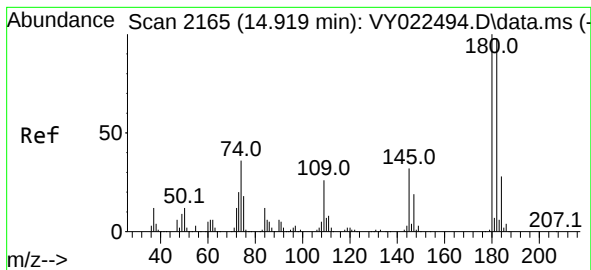
Tgt Ion:146 Resp: 68342
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.2 60.6
 148 63.6 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.830 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022589.D
 Acq: 06 Jun 2025 10:36

Tgt Ion: 75 Resp: 4593
 Ion Ratio Lower Upper
 75 100
 155 88.2 39.9 119.6
 157 110.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.454 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

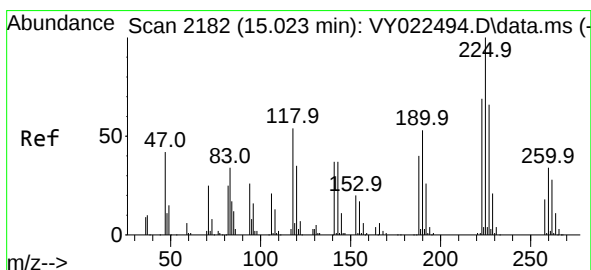
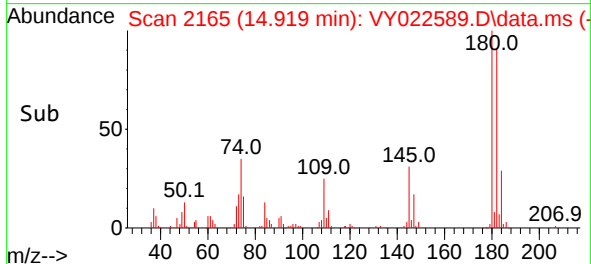
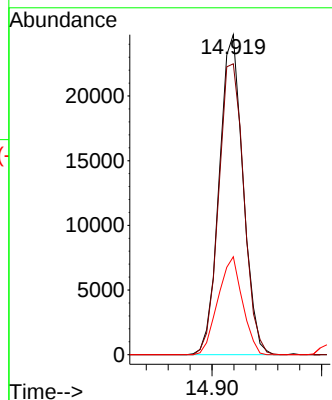
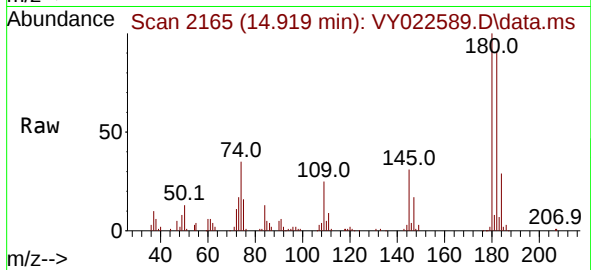
Tgt Ion:180 Resp: 37368

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.3

145 31.3 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.984 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

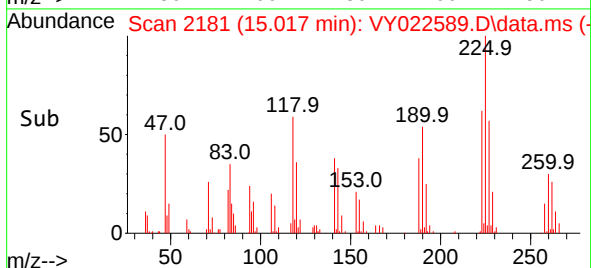
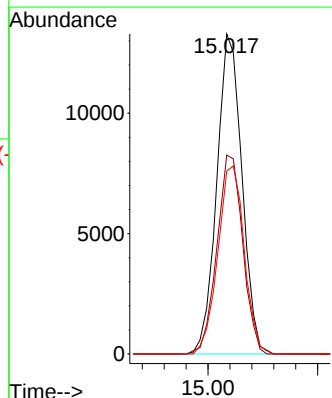
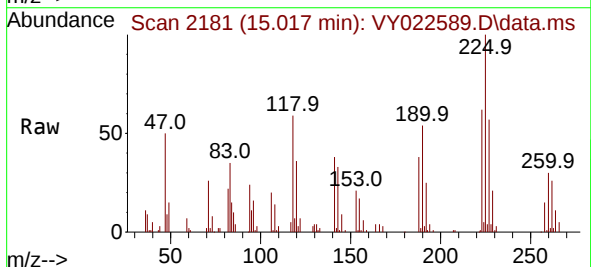
Tgt Ion:225 Resp: 21159

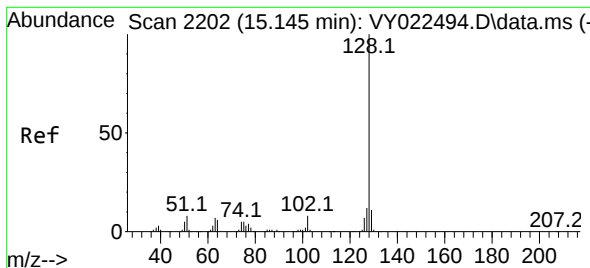
Ion Ratio Lower Upper

225 100

223 63.6 32.5 97.4

227 61.8 32.3 96.9





#95

Naphthalene

Concen: 19.866 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBS01

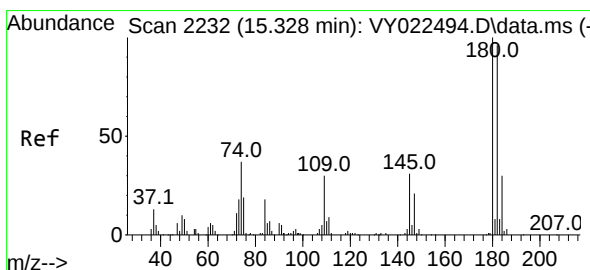
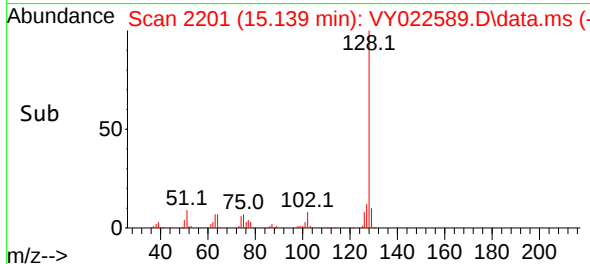
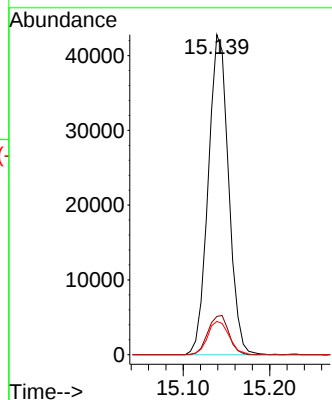
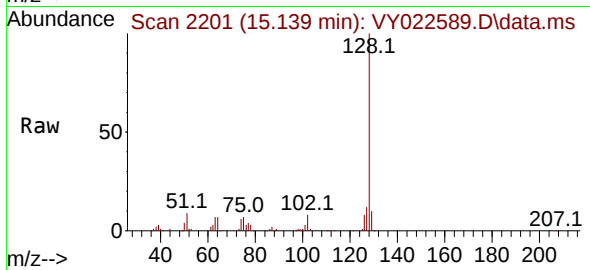
Tgt Ion:128 Resp: 69649

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.054 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022589.D

Acq: 06 Jun 2025 10:36

Tgt Ion:180 Resp: 32964

Ion Ratio Lower Upper

180 100

182 91.8 47.1 141.3

145 30.9 15.2 45.6

