

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023695.D
 Acq On : 06 Nov 2025 10:07
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Quant Time: Nov 07 04:13:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	530734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	804208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	708727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	361529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	234984	51.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.800%	
35) Dibromofluoromethane	7.634	113	253337	50.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.109	98	964970	51.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.402	95	312769	51.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78458	22.520	ug/l	98
3) Chloromethane	2.074	50	109141	22.387	ug/l	100
4) Vinyl Chloride	2.208	62	135422	21.347	ug/l	100
5) Bromomethane	2.592	94	112682	21.116	ug/l	97
6) Chloroethane	2.733	64	93765	21.385	ug/l	99
7) Trichlorofluoromethane	3.056	101	185249	20.734	ug/l	97
8) Diethyl Ether	3.458	74	51931	21.675	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	102854	20.894	ug/l	99
10) Methyl Iodide	4.007	142	113826	19.582	ug/l	99
11) Tert butyl alcohol	4.860	59	40479	138.666	ug/l	95
12) 1,1-Dichloroethene	3.793	96	97751	20.614	ug/l	97
13) Acrolein	3.653	56	42259	112.629	ug/l	97
14) Allyl chloride	4.391	41	127122	22.025	ug/l	97
15) Acrylonitrile	5.061	53	103876	113.448	ug/l	98
16) Acetone	3.867	43	134251	119.299	ug/l	98
17) Carbon Disulfide	4.110	76	312454	21.469	ug/l	99
18) Methyl Acetate	4.385	43	52814	21.278	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	235388	21.408	ug/l	100
20) Methylene Chloride	4.616	84	126676	23.318	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	110973	20.756	ug/l	97
22) Diisopropyl ether	6.019	45	289564	22.515	ug/l	95
23) Vinyl Acetate	5.964	43	782248	113.978	ug/l	99
24) 1,1-Dichloroethane	5.921	63	182165	21.262	ug/l	99
25) 2-Butanone	6.896	43	154418	118.684	ug/l	99
26) 2,2-Dichloropropane	6.884	77	169719	21.535	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	129935	21.279	ug/l	98
28) Bromochloromethane	7.244	49	73608	22.438	ug/l	93
29) Tetrahydrofuran	7.268	42	78433	113.192	ug/l	97
30) Chloroform	7.421	83	203557	21.294	ug/l	98
31) Cyclohexane	7.707	56	157653	21.129	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	179510	21.010	ug/l	100
36) 1,1-Dichloropropene	7.835	75	138622	20.641	ug/l	98
37) Ethyl Acetate	6.988	43	55918	21.509	ug/l	99
38) Carbon Tetrachloride	7.823	117	159996	20.220	ug/l	98
39) Methylcyclohexane	9.110	83	172371	20.088	ug/l	96
40) Benzene	8.079	78	449187	21.220	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	25249	17.792	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	114582	21.395	ug/l	100
43) Isopropyl Acetate	8.201	43	105103	21.516	ug/l	97
44) Trichloroethene	8.866	130	125077	20.572	ug/l	97
45) 1,2-Dichloropropane	9.140	63	99344	21.264	ug/l	100
46) Dibromomethane	9.231	93	60952	21.056	ug/l	98
47) Bromodichloromethane	9.427	83	155359	21.287	ug/l	96
48) Methyl methacrylate	9.225	41	47946	20.775	ug/l	97
49) 1,4-Dioxane	9.231	88	12557	423.874	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	285374	109.854	ug/l	100
52) Toluene	10.170	92	284543	21.054	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	131571	21.306	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	155558	21.025	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	82465	21.317	ug/l	98
56) Ethyl methacrylate	10.439	69	87872	20.616	ug/l	99
57) 1,3-Dichloropropane	10.719	76	131721	21.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	199771	102.140	ug/l	98
59) 2-Hexanone	10.762	43	217163	114.583	ug/l	98
60) Dibromochloromethane	10.908	129	109270	20.558	ug/l	99
61) 1,2-Dibromoethane	11.012	107	77170	21.256	ug/l	98
64) Tetrachloroethene	10.646	164	147935	20.054	ug/l	98
65) Chlorobenzene	11.444	112	314254	20.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	111820	20.496	ug/l	99
67) Ethyl Benzene	11.518	91	512468	20.522	ug/l	98
68) m/p-Xylenes	11.627	106	411043	41.199	ug/l	98
69) o-Xylene	11.957	106	185795	20.146	ug/l	96
70) Styrene	11.969	104	313455	20.599	ug/l	99
71) Bromoform	12.133	173	66762	20.952	ug/l #	99
73) Isopropylbenzene	12.255	105	492540	20.370	ug/l	99
74) N-amyl acetate	12.066	43	84670	20.683	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	83292	21.568	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	109691	37.490	ug/l #	100
77) Bromobenzene	12.530	156	128267	20.451	ug/l	97
78) n-propylbenzene	12.591	91	593032	20.851	ug/l	100
79) 2-Chlorotoluene	12.676	91	341687	20.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	411072	20.924	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27099	20.931	ug/l	99
82) 4-Chlorotoluene	12.773	91	354923	20.852	ug/l	99
83) tert-Butylbenzene	12.993	119	355748	19.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	409701	21.055	ug/l	100
85) sec-Butylbenzene	13.176	105	526700	20.409	ug/l	100
86) p-Isopropyltoluene	13.292	119	446213	20.424	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	253116	20.504	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	247228	20.388	ug/l	98
89) n-Butylbenzene	13.615	91	387010	20.371	ug/l	100
90) Hexachloroethane	13.877	117	96893	20.638	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	218487	20.537	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12395	20.846	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	124045	20.385	ug/l	99
94) Hexachlorobutadiene	15.023	225	79566	19.956	ug/l	99
95) Naphthalene	15.145	128	181092	20.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	105148	20.682	ug/l	100

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

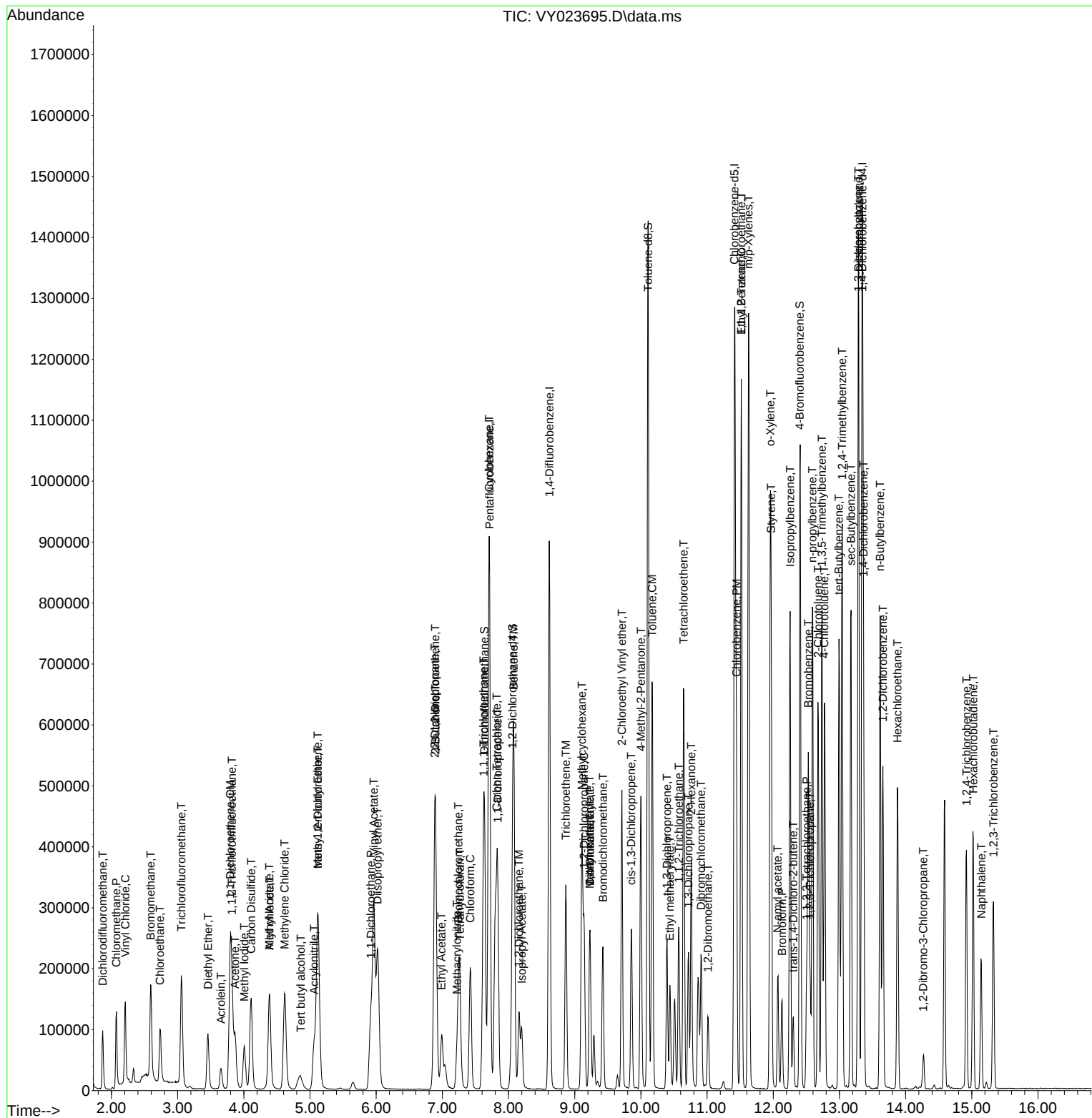
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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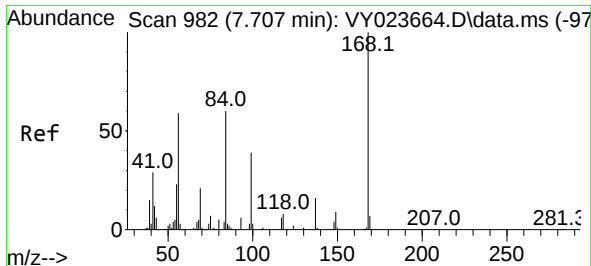
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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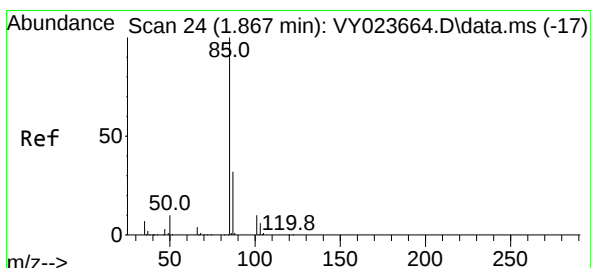
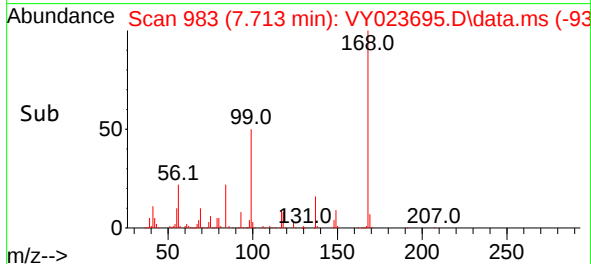
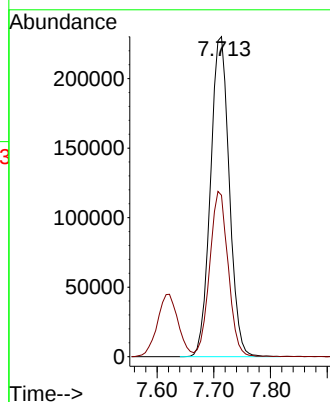
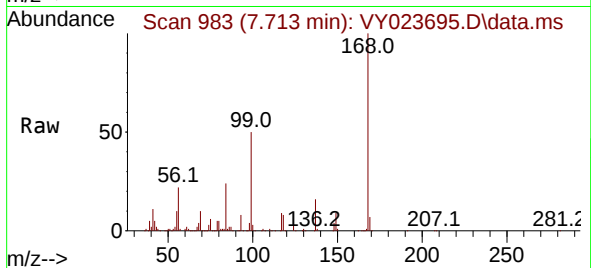




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023695.D
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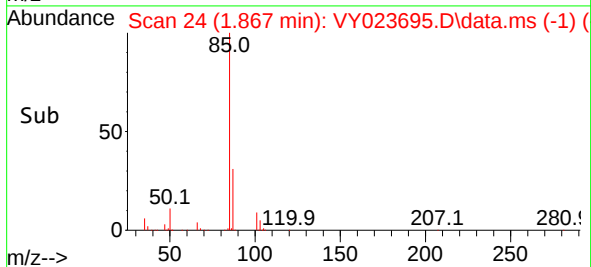
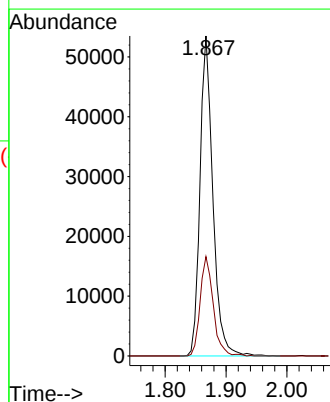
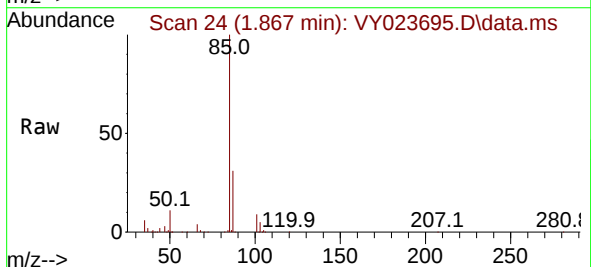
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

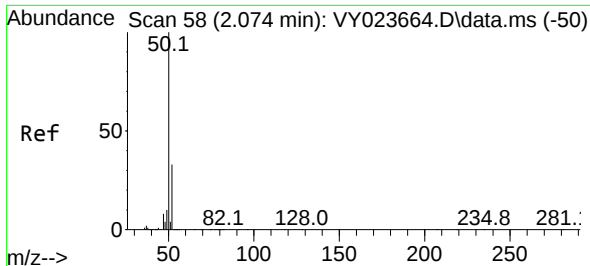
Tgt Ion:168 Resp: 530734
Ion Ratio Lower Upper
168 100
99 50.4 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 22.520 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 85 Resp: 78458
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6

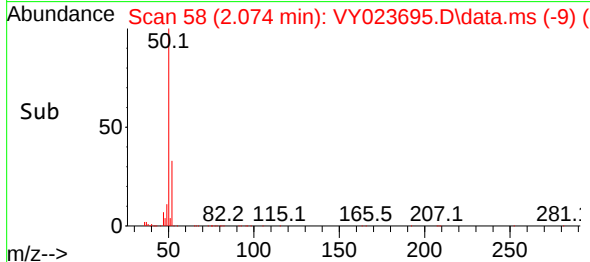
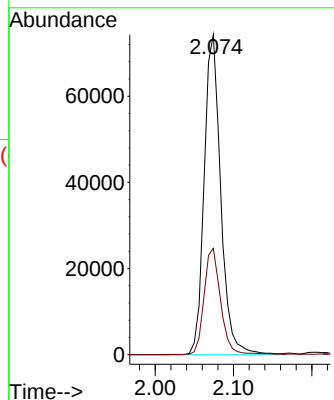
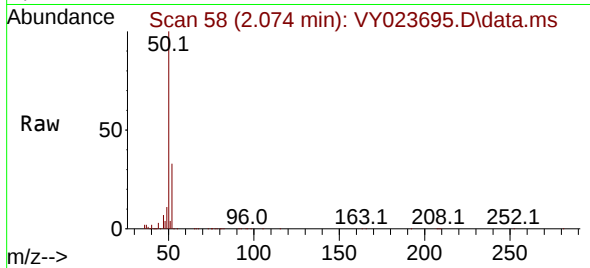




#3
Chloromethane
Concen: 22.387 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

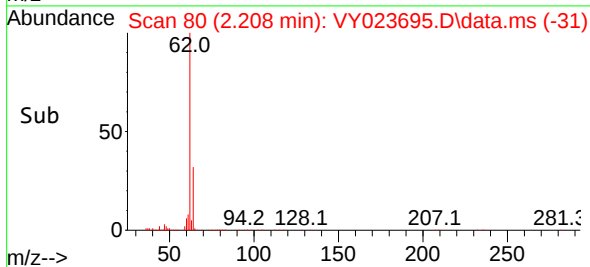
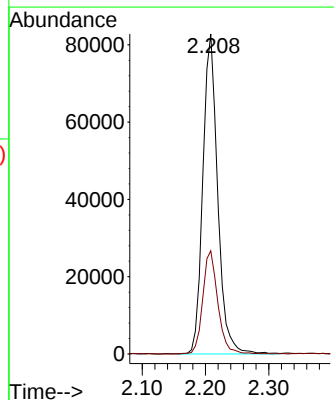
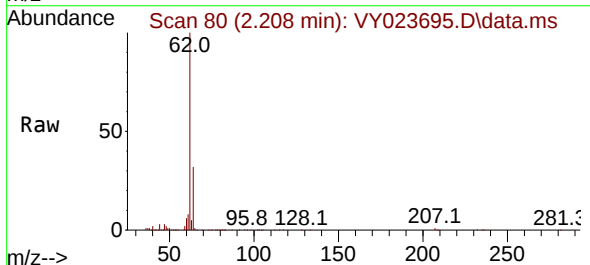
Instrument :
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ClientSampleId :
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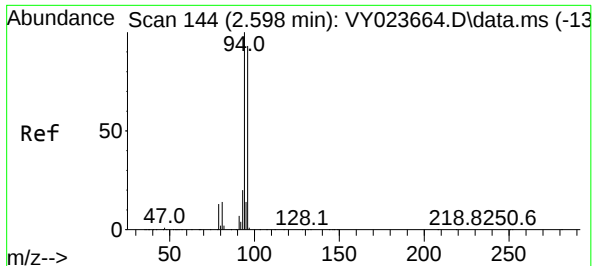
Tgt Ion: 50 Resp: 109141
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 21.347 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 62 Resp: 135422
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

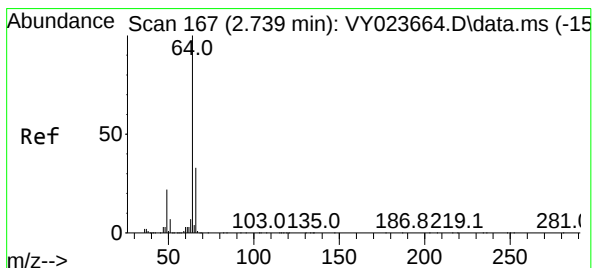
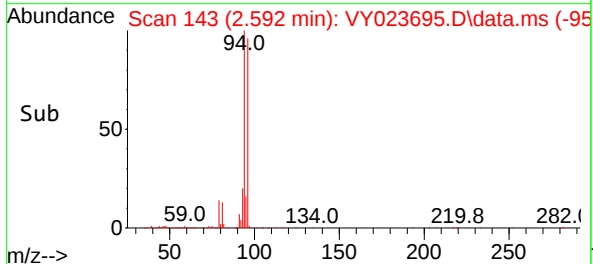
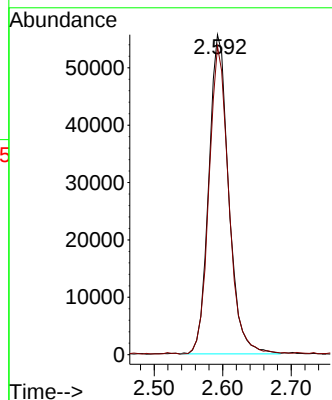
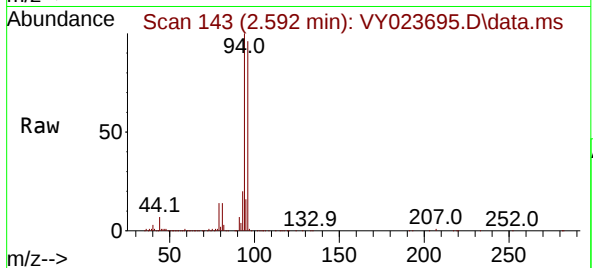




#5
Bromomethane
Concen: 21.116 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

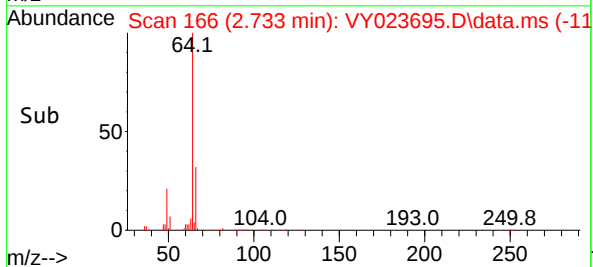
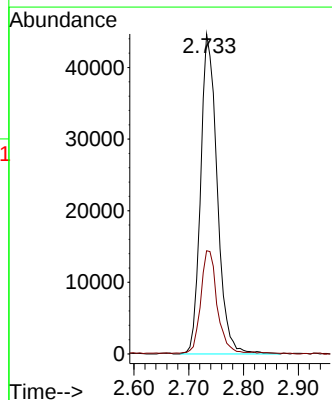
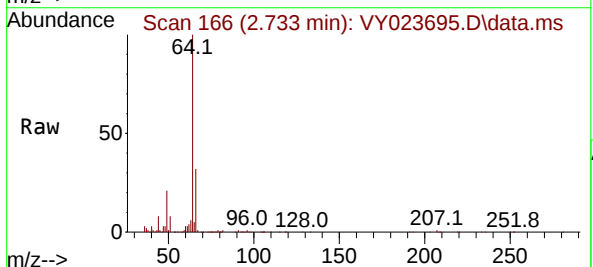
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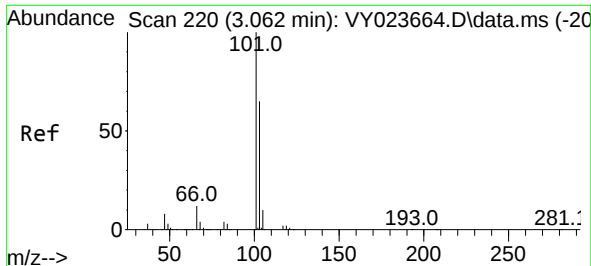
Tgt Ion: 94 Resp: 112682
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6



#6
Chloroethane
Concen: 21.385 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 64 Resp: 93765
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

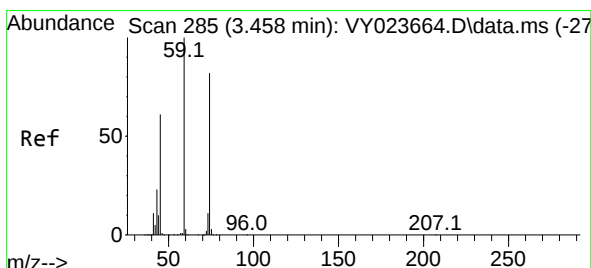
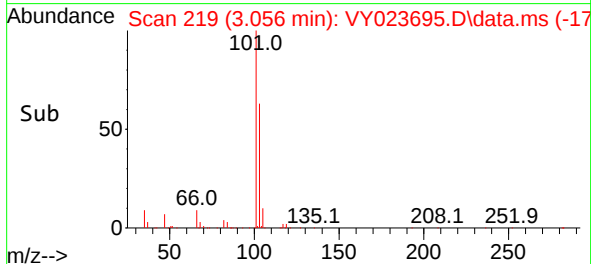
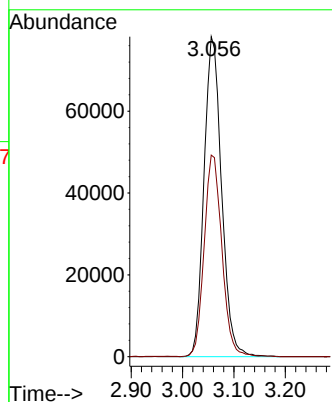
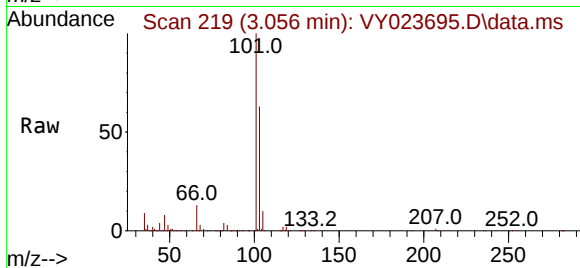




#7
Trichlorofluoromethane
Concen: 20.734 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

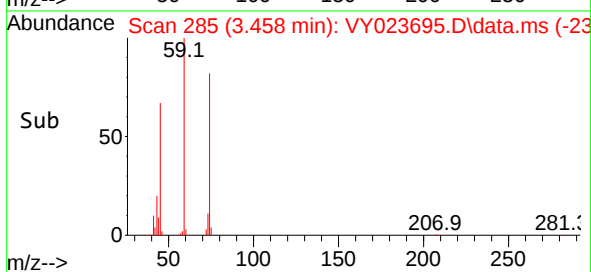
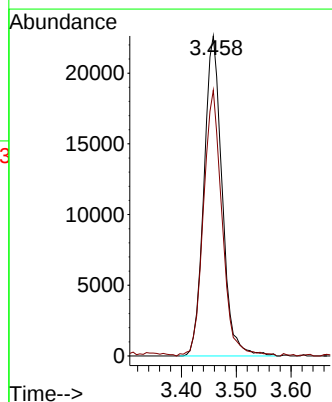
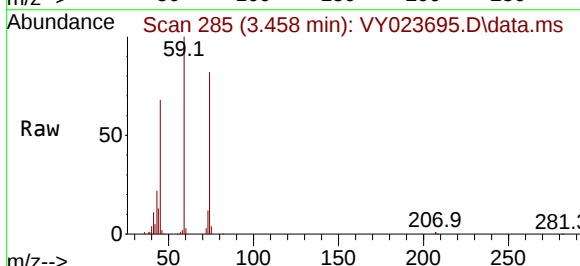
Instrument :
MSVOA_Y
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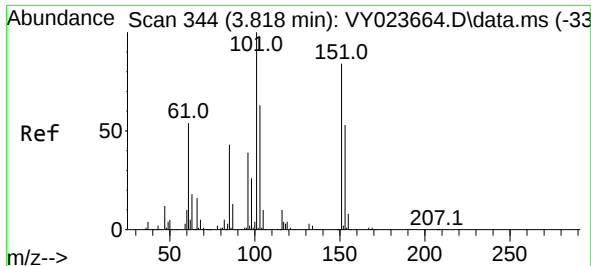
Tgt Ion:101 Resp: 185249
Ion Ratio Lower Upper
101 100
103 63.0 52.1 78.1



#8
Diethyl Ether
Concen: 21.675 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 74 Resp: 51931
Ion Ratio Lower Upper
74 100
45 85.3 40.6 121.7

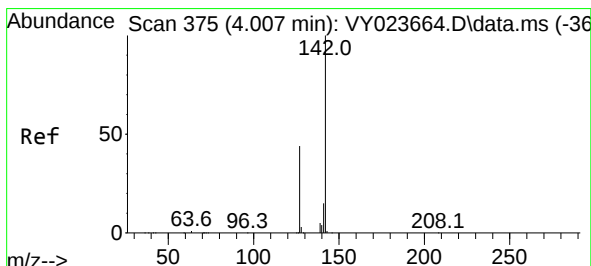
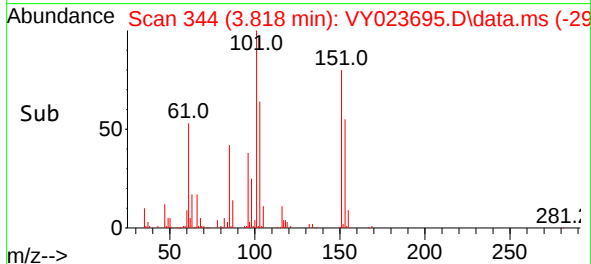
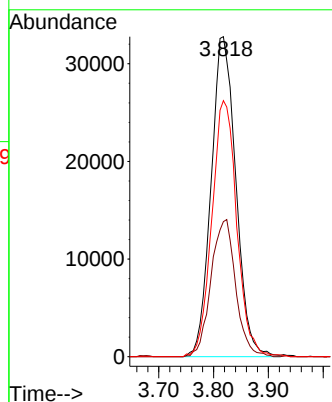
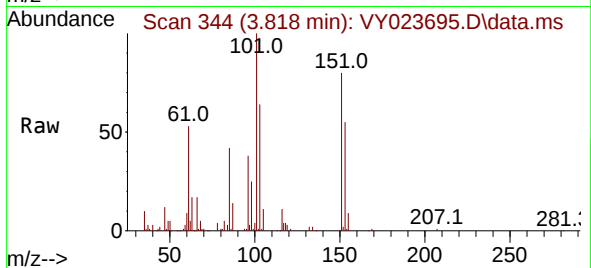




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.894 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

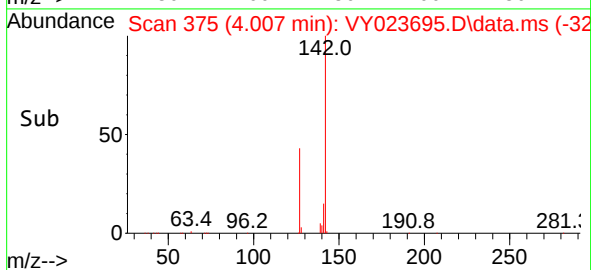
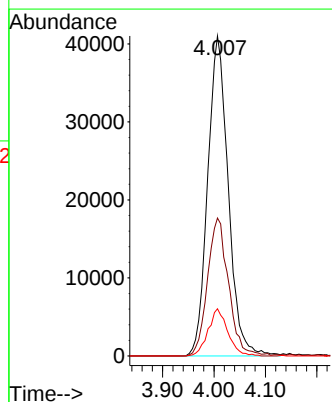
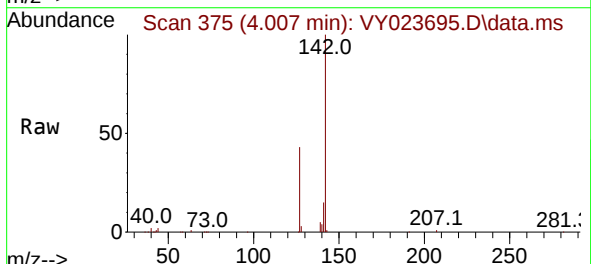
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

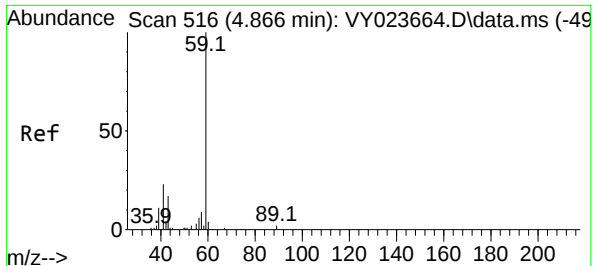
Tgt Ion:101 Resp: 102854
Ion Ratio Lower Upper
101 100
85 42.6 34.4 51.6
151 80.5 65.6 98.4



#10
Methyl Iodide
Concen: 19.582 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion:142 Resp: 113826
Ion Ratio Lower Upper
142 100
127 44.1 34.6 51.8
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 138.666 ug/l

RT: 4.860 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

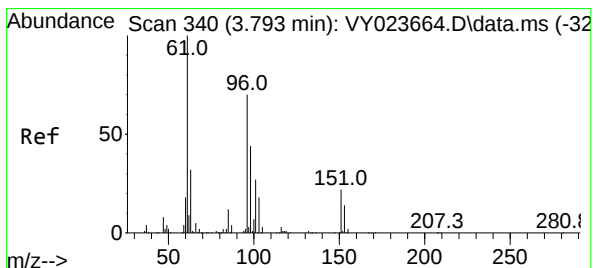
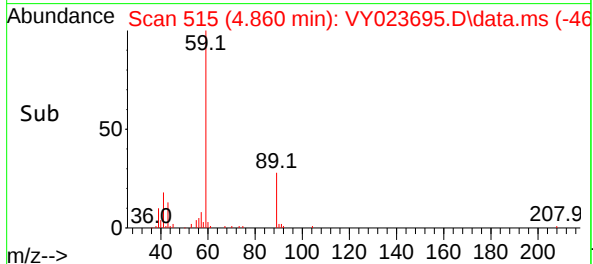
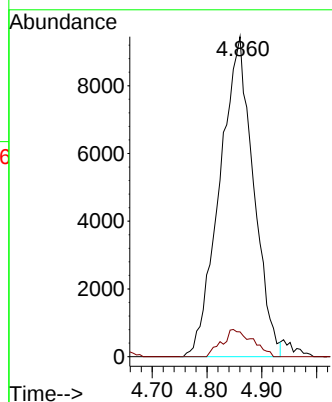
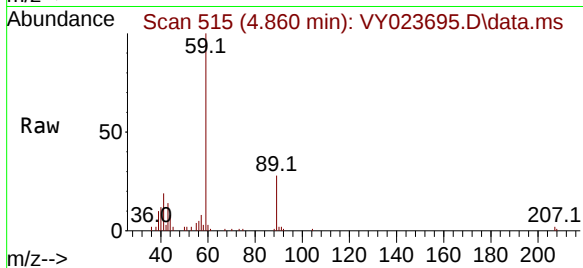
VY1106SBS01

Tgt Ion: 59 Resp: 40479

Ion Ratio Lower Upper

59 100

57 7.6 7.4 11.2



#12

1,1-Dichloroethene

Concen: 20.614 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

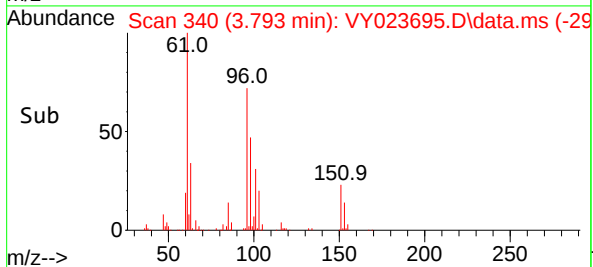
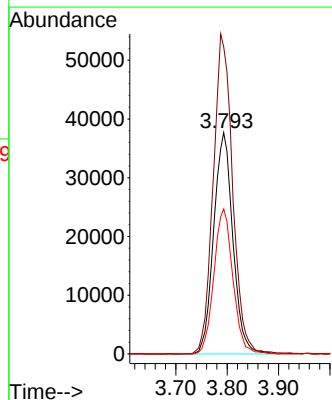
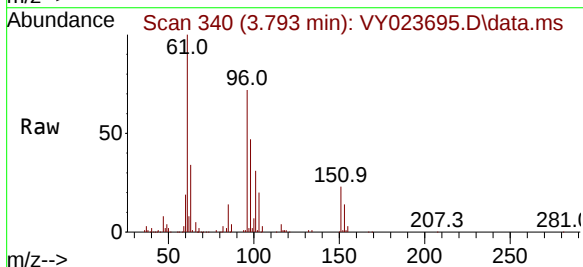
Tgt Ion: 96 Resp: 97751

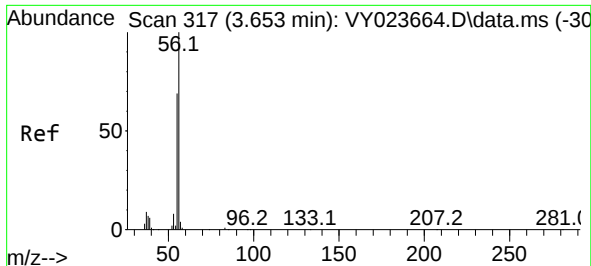
Ion Ratio Lower Upper

96 100

61 138.7 114.0 171.0

98 65.5 50.2 75.2

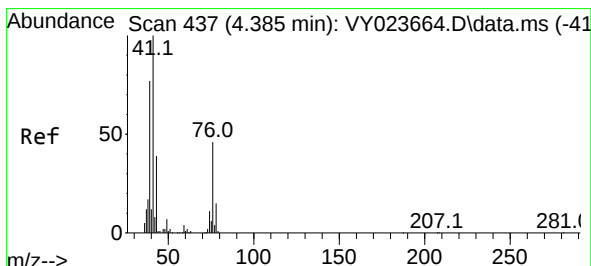
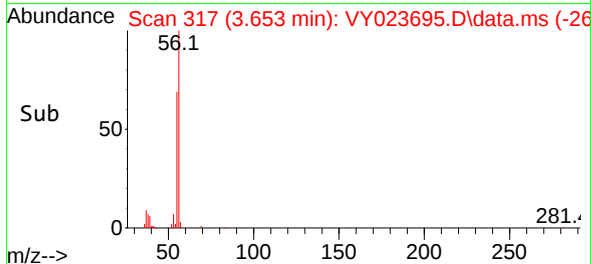
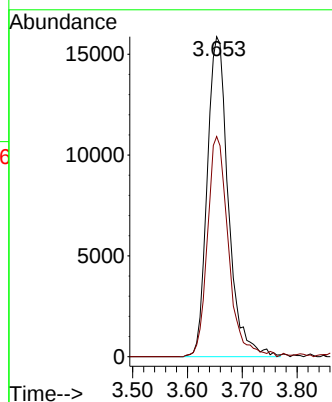
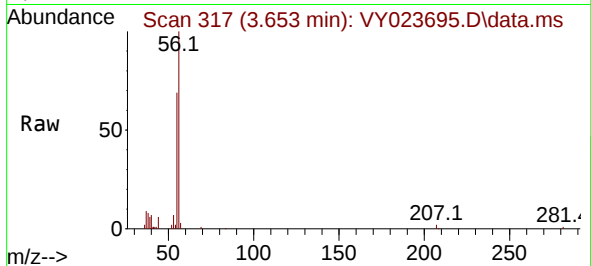




#13
Acrolein
Concen: 112.629 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

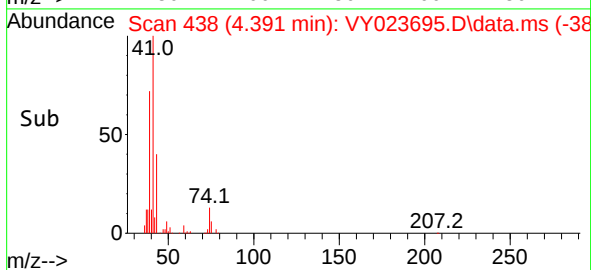
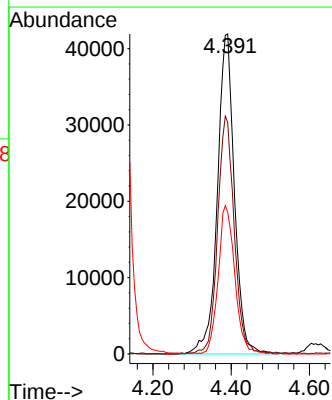
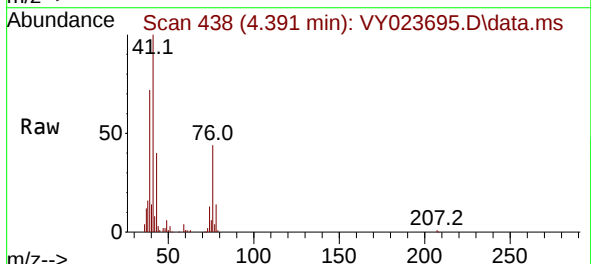
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

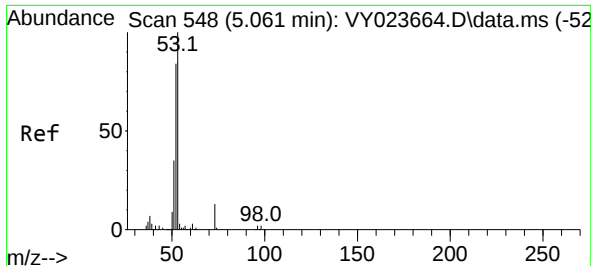
Tgt Ion: 56 Resp: 42259
Ion Ratio Lower Upper
56 100
55 68.5 56.6 84.8



#14
Allyl chloride
Concen: 22.025 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 41 Resp: 127122
Ion Ratio Lower Upper
41 100
39 72.5 60.4 90.6
76 45.2 38.0 57.0

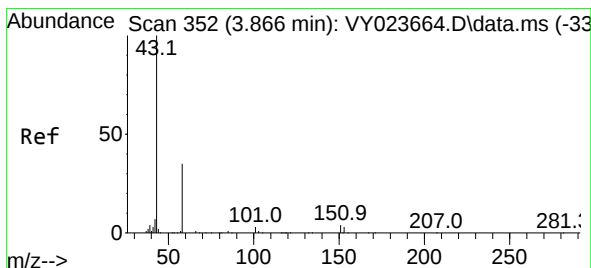
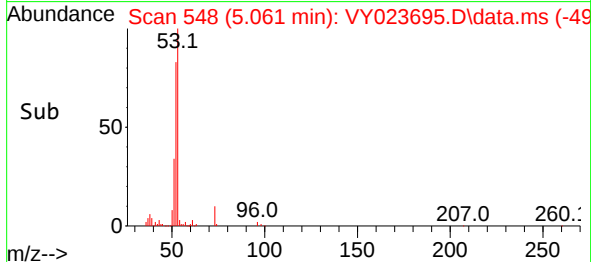
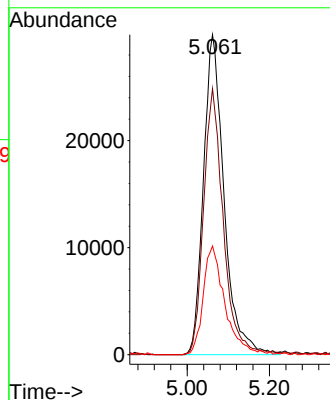
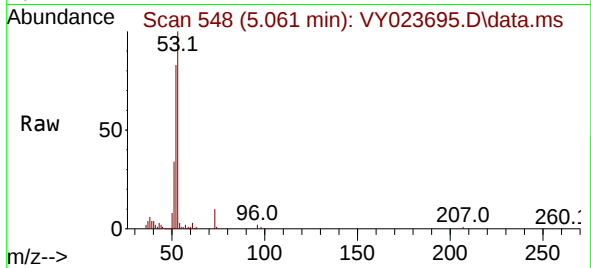




#15
Acrylonitrile
Concen: 113.448 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

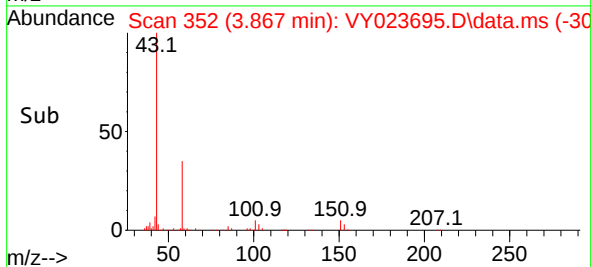
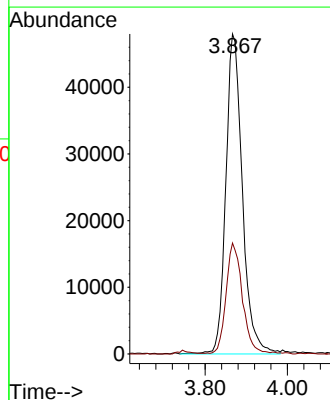
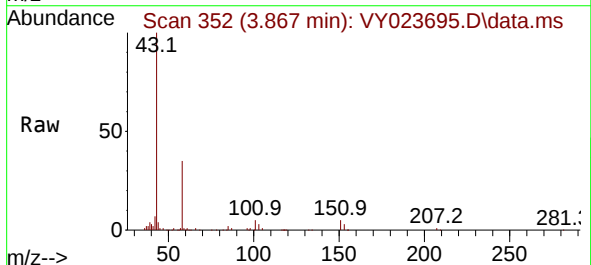
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

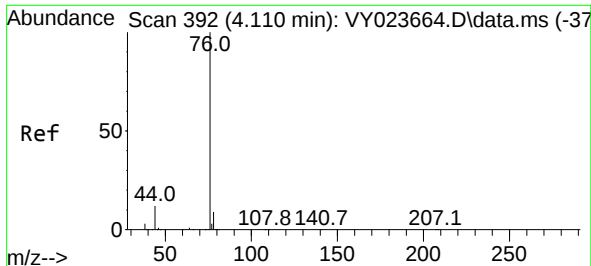
Tgt Ion: 53 Resp: 103876
Ion Ratio Lower Upper
53 100
52 79.8 64.9 97.3
51 35.3 29.4 44.0



#16
Acetone
Concen: 119.299 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 43 Resp: 134251
Ion Ratio Lower Upper
43 100
58 34.3 28.2 42.4

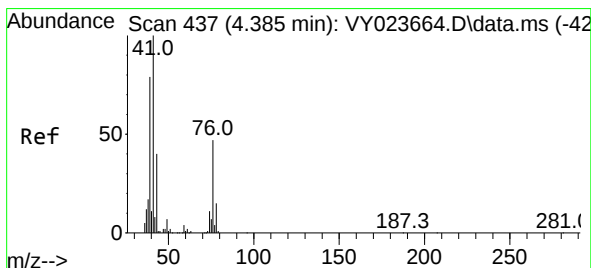
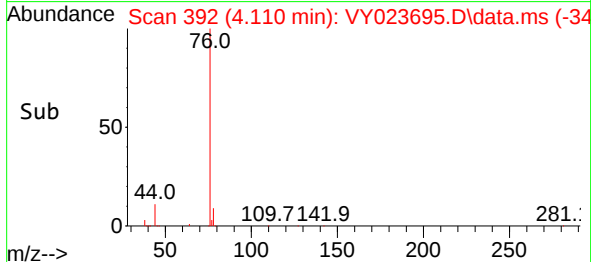
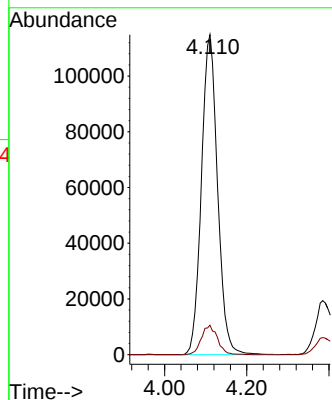
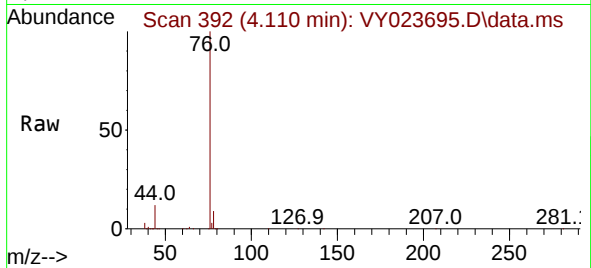




#17
Carbon Disulfide
Concen: 21.469 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

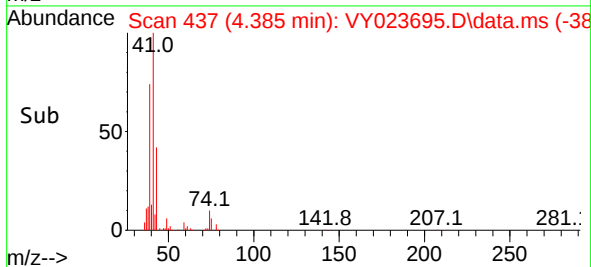
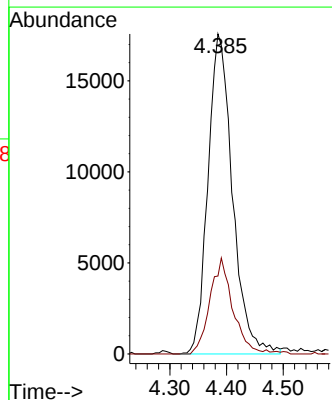
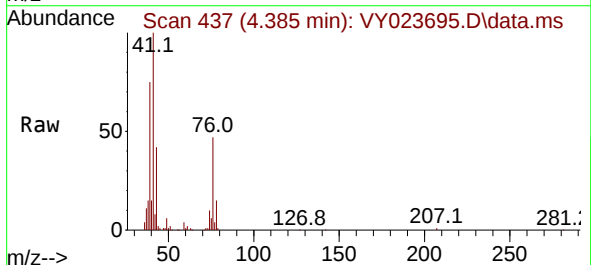
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

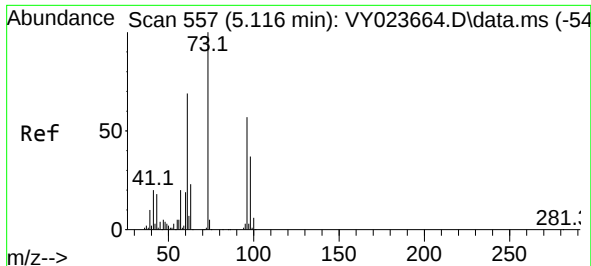
Tgt Ion: 76 Resp: 312454
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 21.278 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 43 Resp: 52814
Ion Ratio Lower Upper
43 100
74 27.7 22.5 33.7

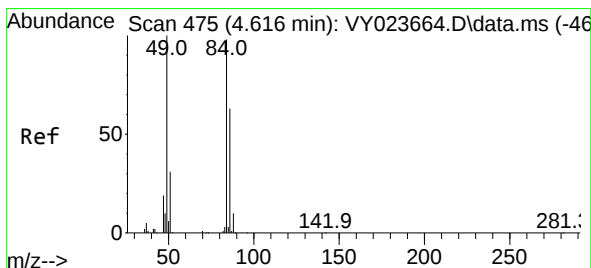
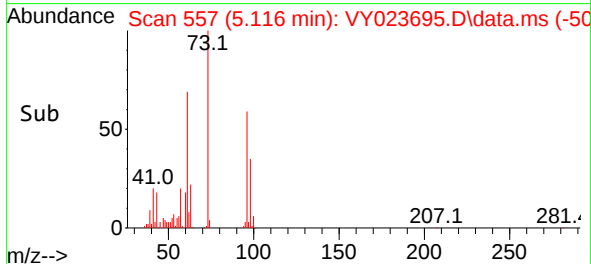
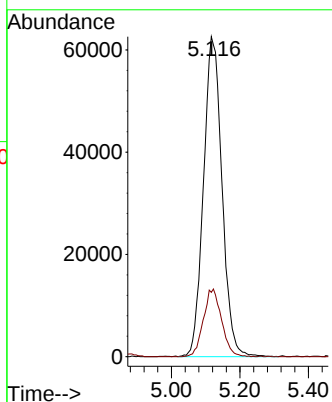
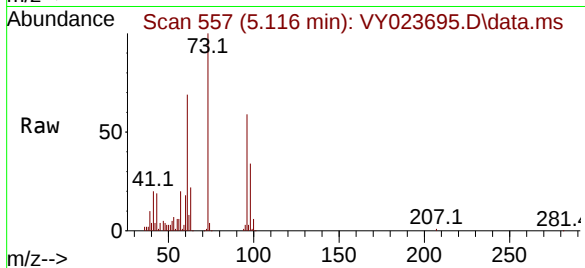




#19
Methyl tert-butyl Ether
Concen: 21.408 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

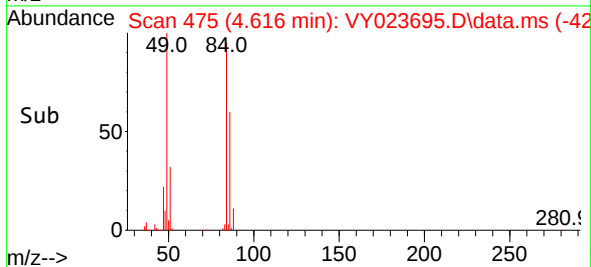
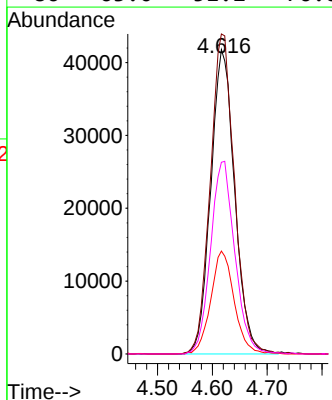
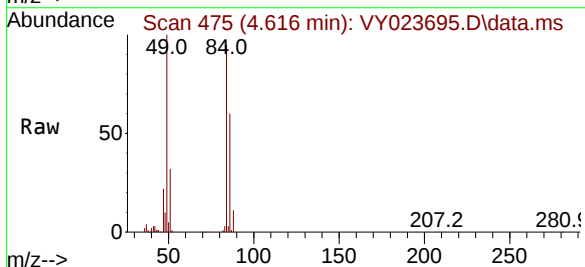
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

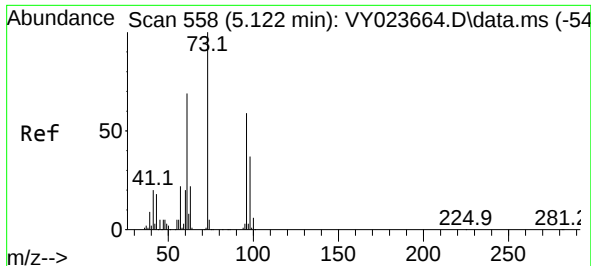
Tgt Ion: 73 Resp: 235388
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 23.318 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 84 Resp: 126676
Ion Ratio Lower Upper
84 100
49 105.1 81.5 122.3
51 33.7 25.5 38.3
86 63.0 51.2 76.8

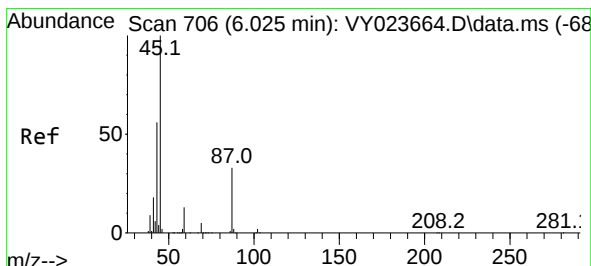
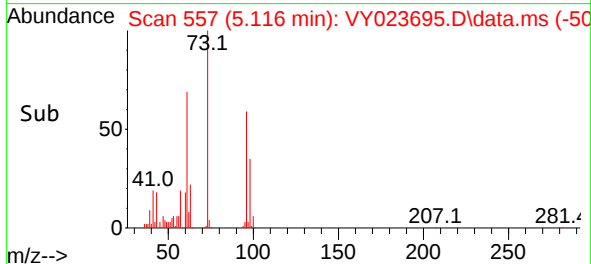
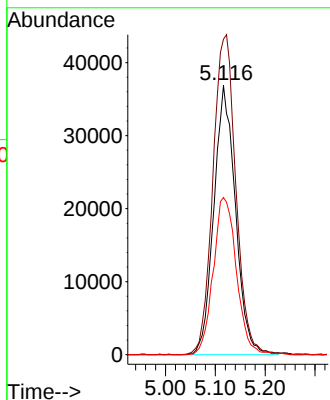
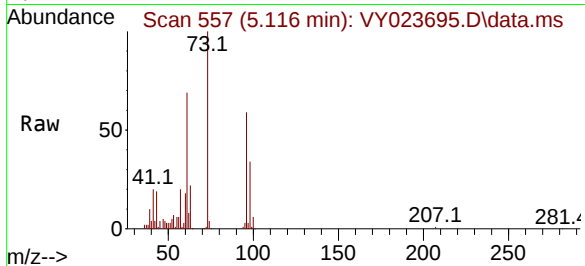




#21
trans-1,2-Dichloroethene
Concen: 20.756 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

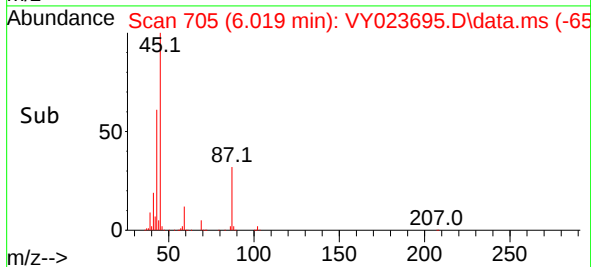
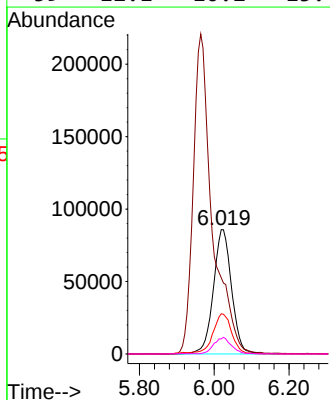
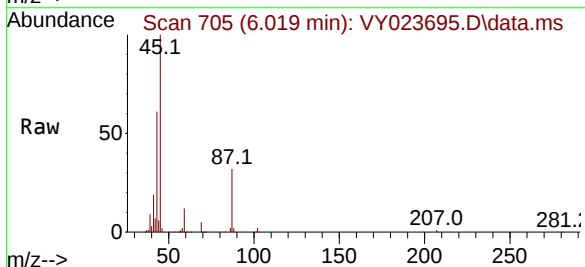
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

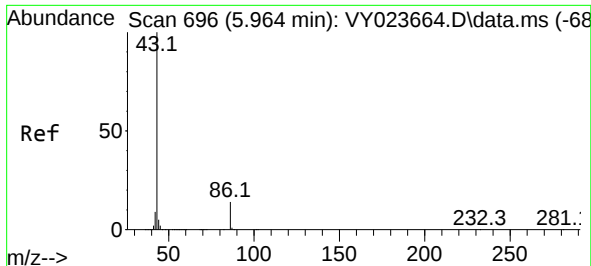
Tgt Ion: 96 Resp: 110973
Ion Ratio Lower Upper
96 100
61 117.2 93.3 139.9
98 58.3 50.6 75.8



#22
Diisopropyl ether
Concen: 22.515 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 45 Resp: 289564
Ion Ratio Lower Upper
45 100
43 60.6 44.7 67.1
87 32.4 27.2 40.8
59 12.1 10.2 15.4

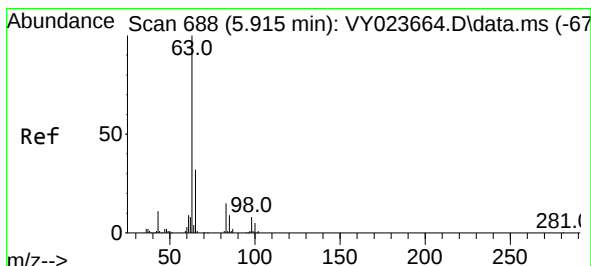
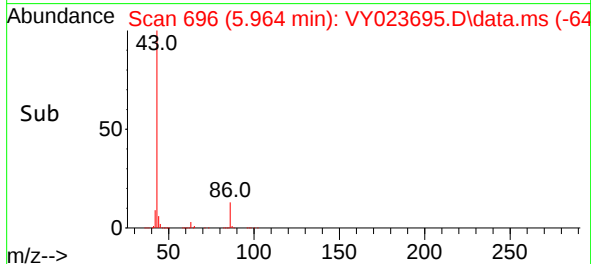
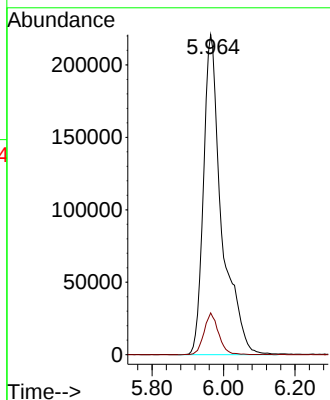
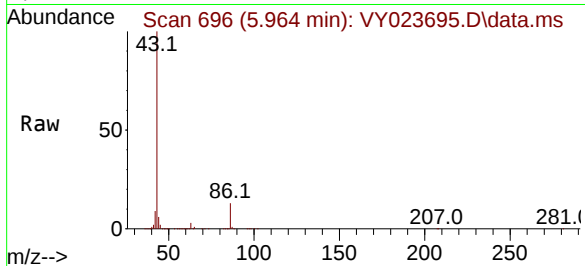




#23
 Vinyl Acetate
 Concen: 113.978 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023695.D
 Acq: 06 Nov 2025 10:07

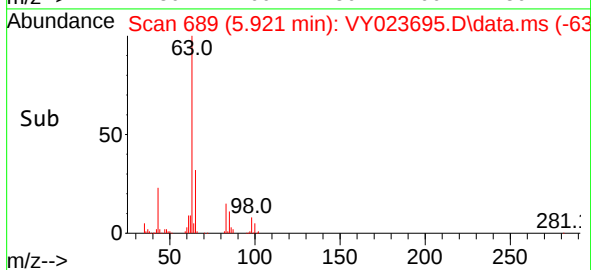
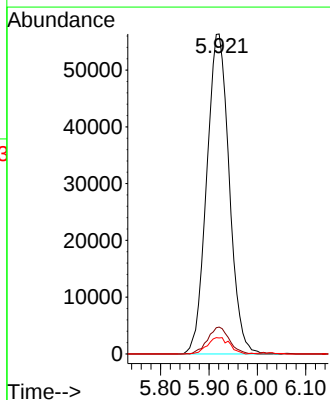
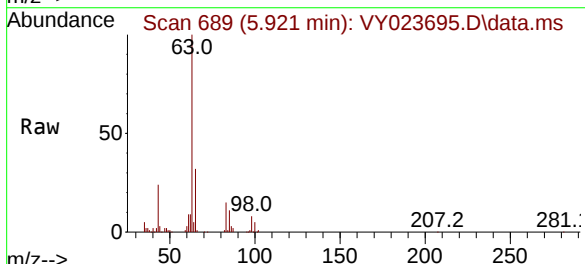
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

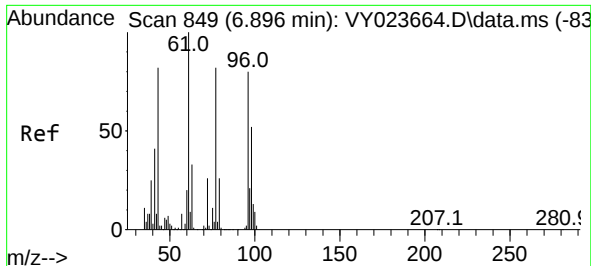
Tgt Ion: 43 Resp: 782248
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 21.262 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023695.D
 Acq: 06 Nov 2025 10:07

Tgt Ion: 63 Resp: 182165
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 5.0 2.6 7.8

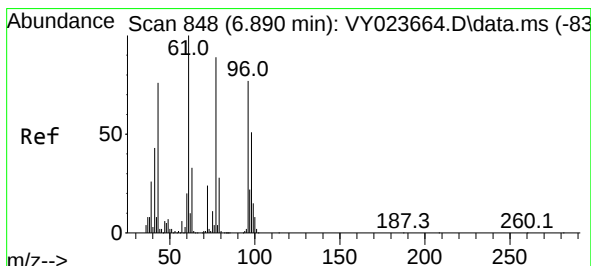
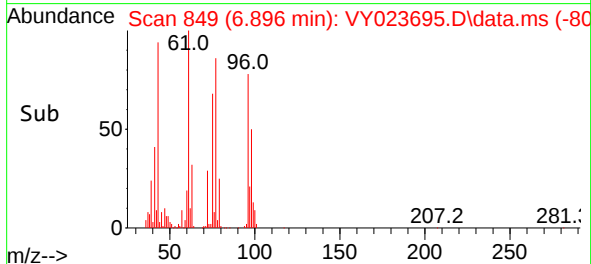
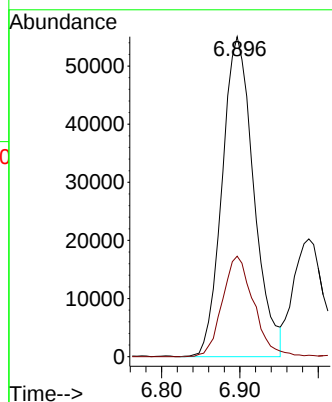
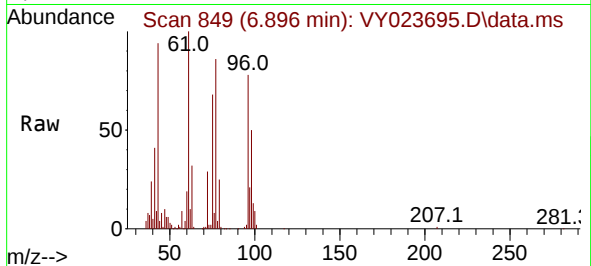




#25
2-Butanone
Concen: 118.684 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

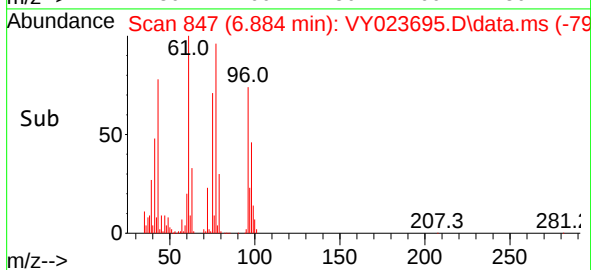
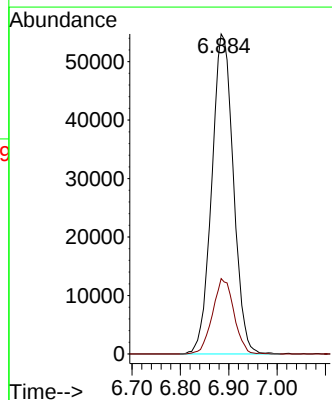
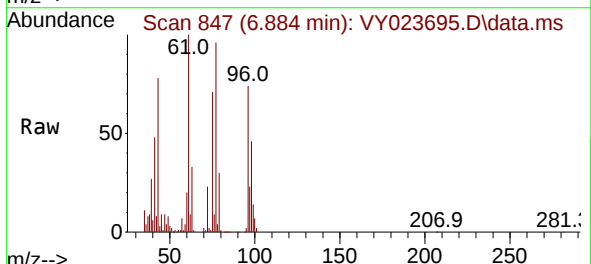
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

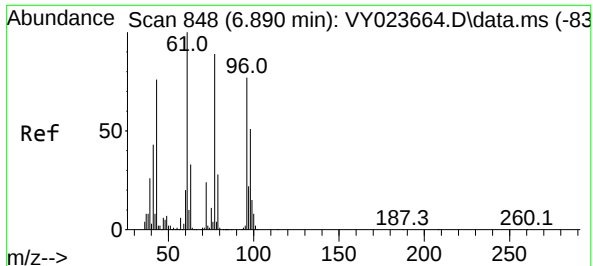
Tgt Ion: 43 Resp: 154418
Ion Ratio Lower Upper
43 100
72 31.4 25.7 38.5



#26
2,2-Dichloropropane
Concen: 21.535 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 77 Resp: 169719
Ion Ratio Lower Upper
77 100
97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

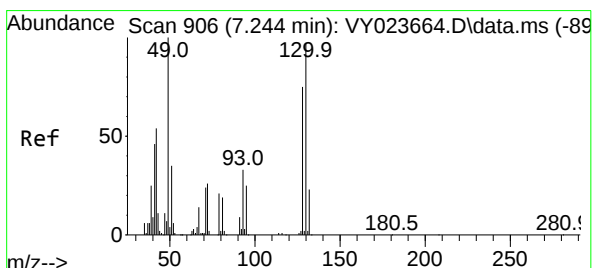
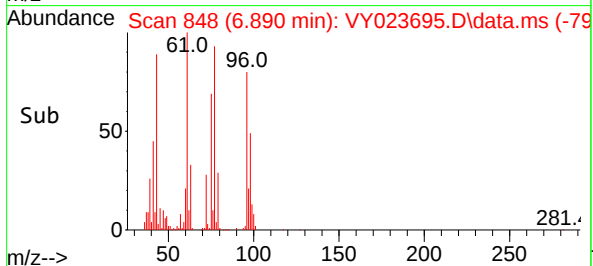
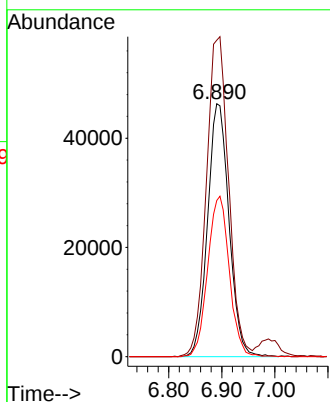
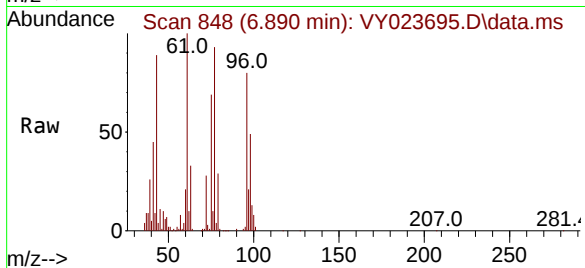
Tgt Ion: 96 Resp: 129935

Ion Ratio Lower Upper

96 100

61 130.9 0.0 255.0

98 64.0 0.0 129.8



#28

Bromochloromethane

Concen: 22.438 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

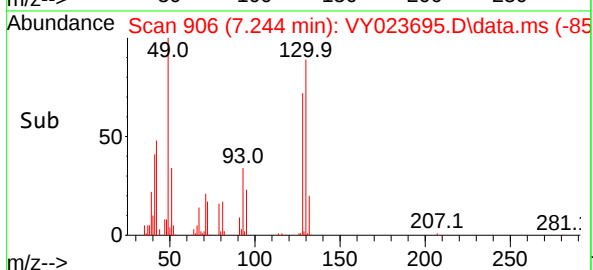
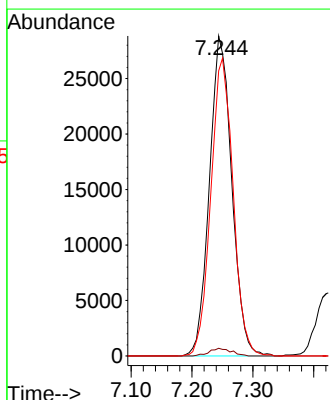
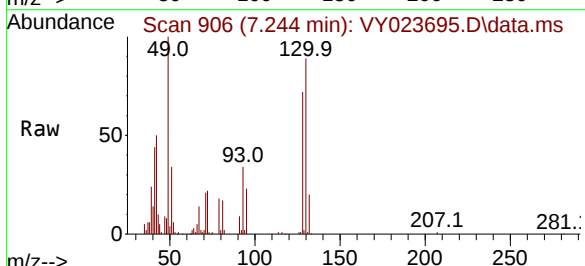
Tgt Ion: 49 Resp: 73608

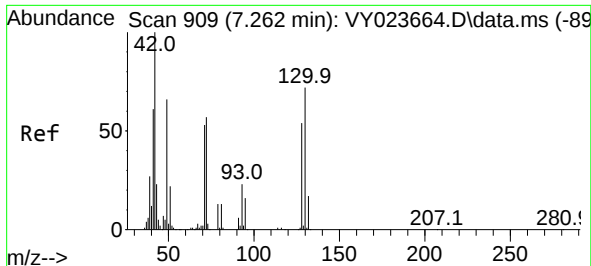
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 92.5 80.1 120.1





#29

Tetrahydrofuran

Concen: 113.192 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

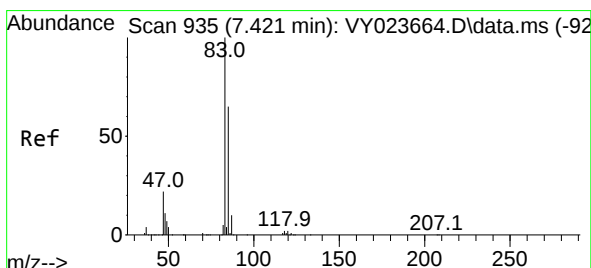
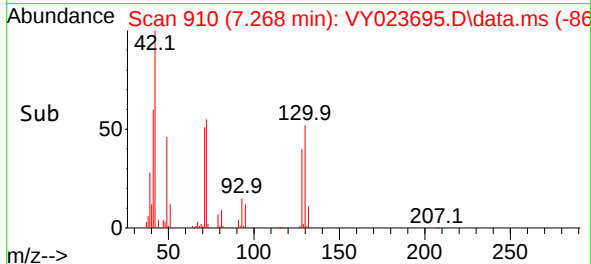
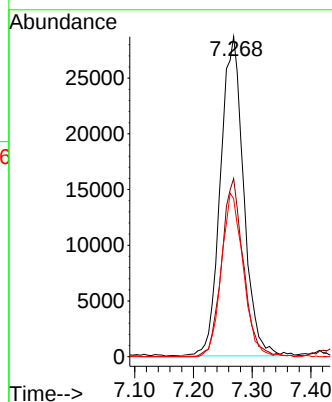
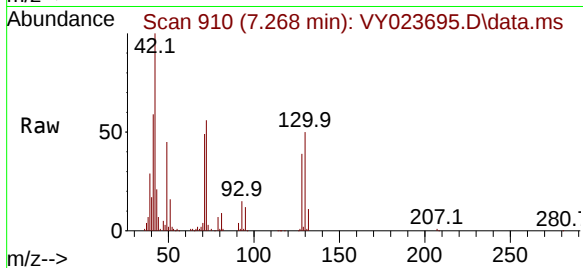
Tgt Ion: 42 Resp: 78433

Ion Ratio Lower Upper

42 100

72 52.6 43.4 65.2

71 48.7 40.7 61.1



#30

Chloroform

Concen: 21.294 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023695.D

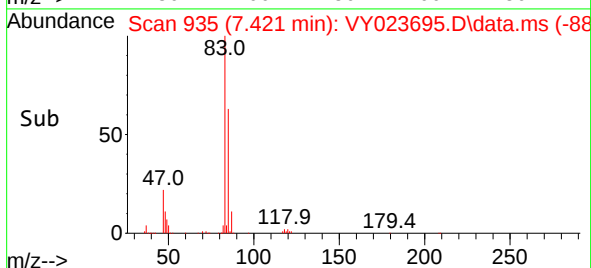
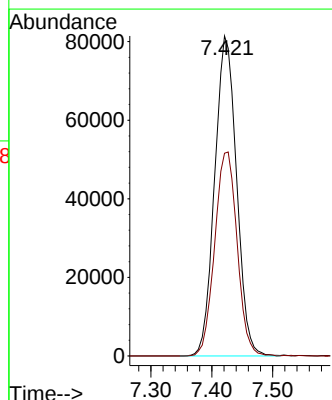
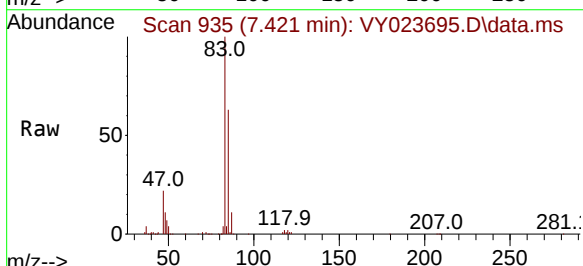
Acq: 06 Nov 2025 10:07

Tgt Ion: 83 Resp: 203557

Ion Ratio Lower Upper

83 100

85 63.4 52.1 78.1

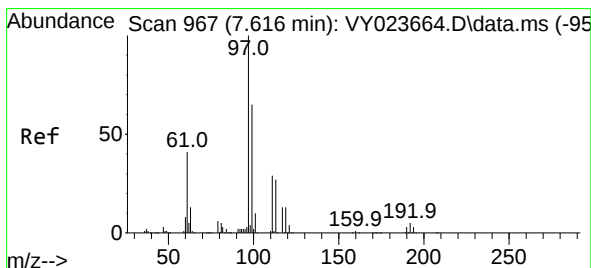
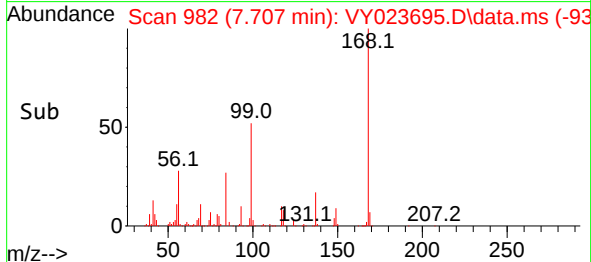
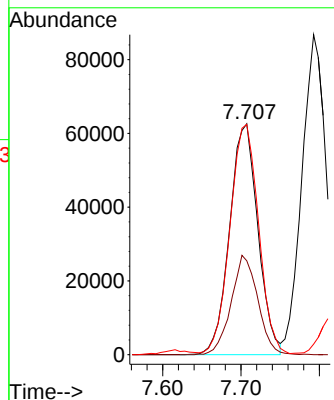
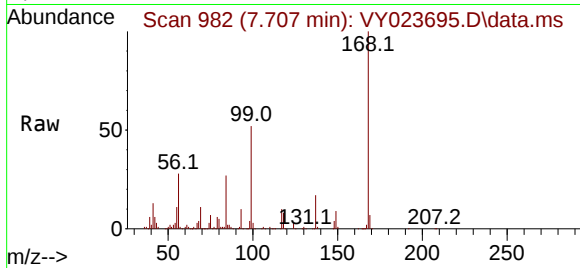




#31
Cyclohexane
Concen: 21.129 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

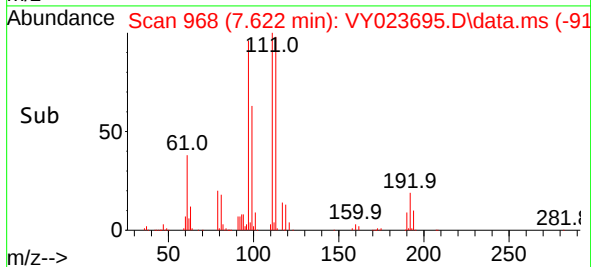
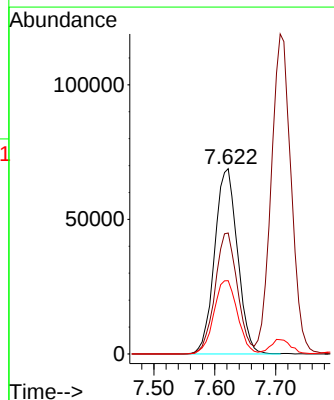
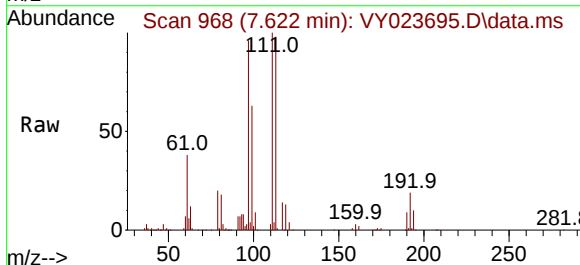
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

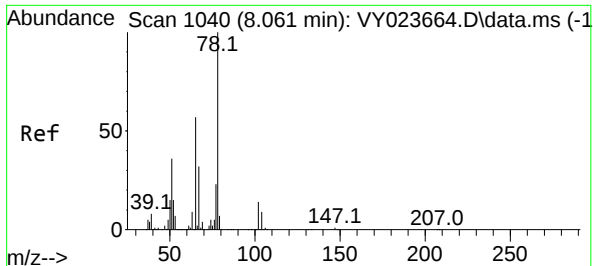
Tgt Ion: 56 Resp: 157653
Ion Ratio Lower Upper
56 100
69 40.7 30.5 45.7
84 98.4 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 21.010 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 97 Resp: 179510
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 40.9 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 51.905 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

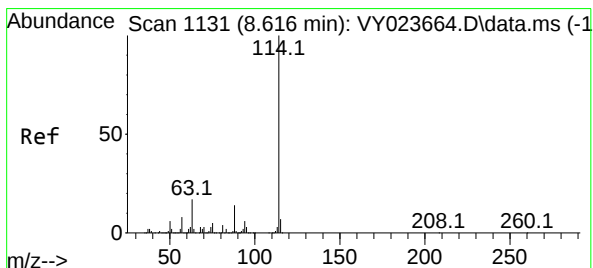
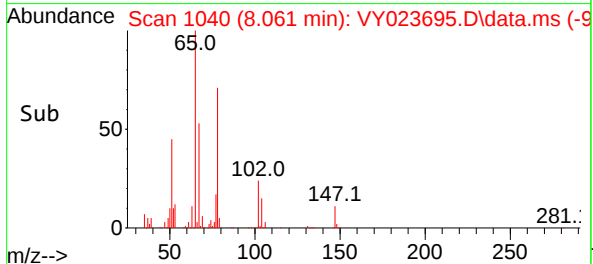
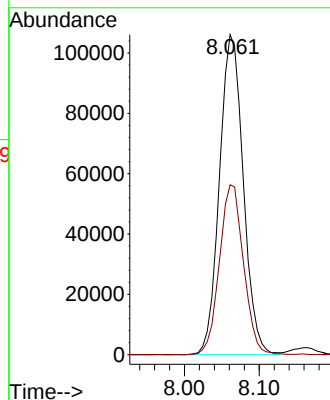
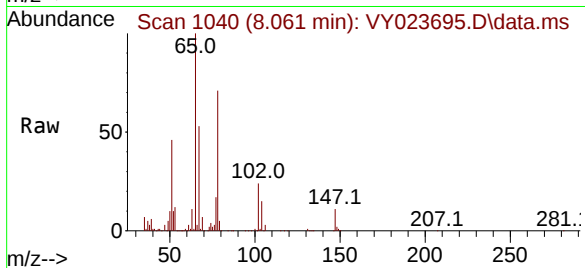
VY1106SBS01

Tgt Ion: 65 Resp: 234984

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

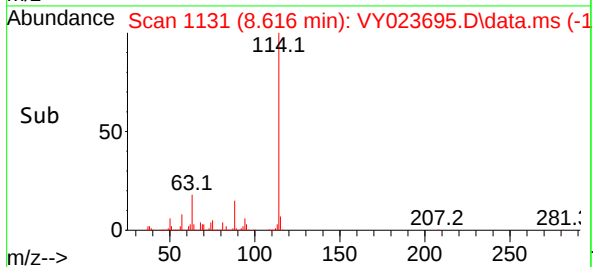
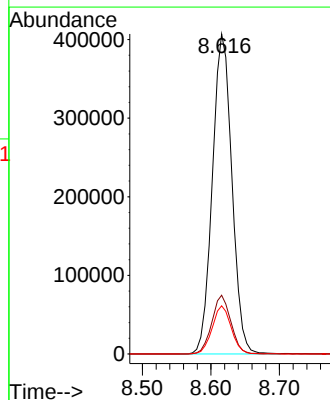
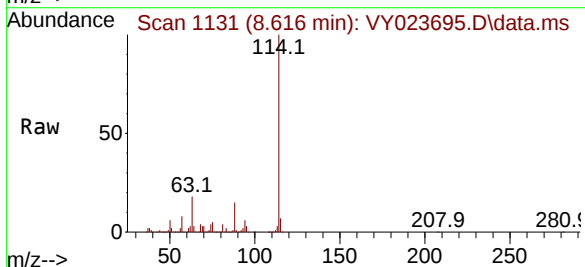
Tgt Ion: 114 Resp: 804208

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.8

88 15.1 0.0 29.0

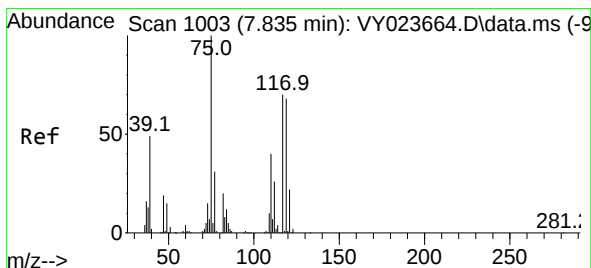
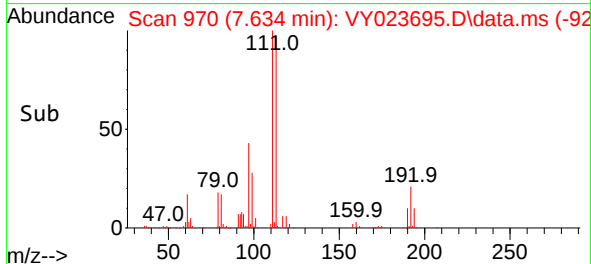
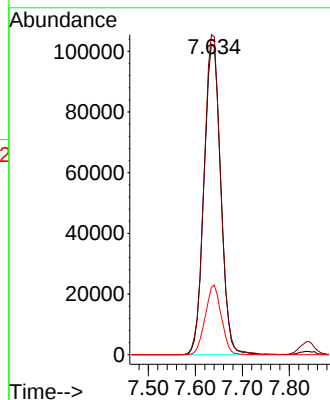
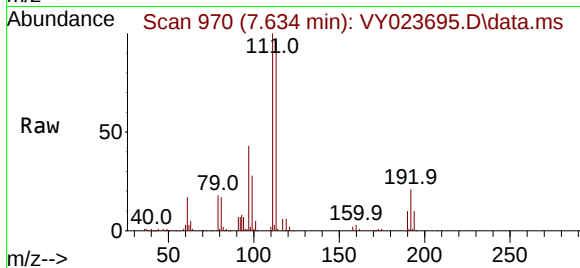




#35
Dibromofluoromethane
Concen: 50.408 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

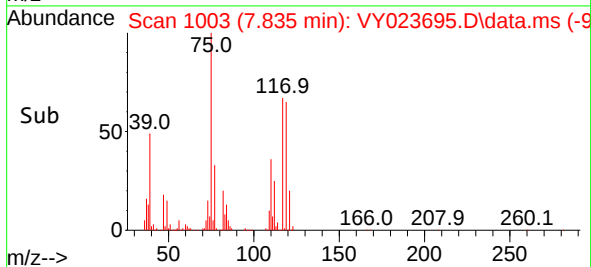
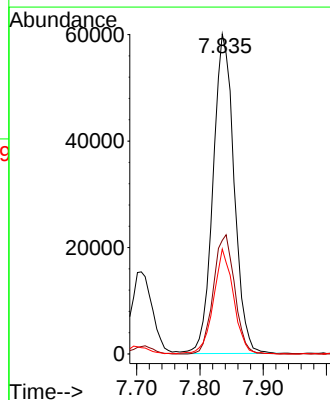
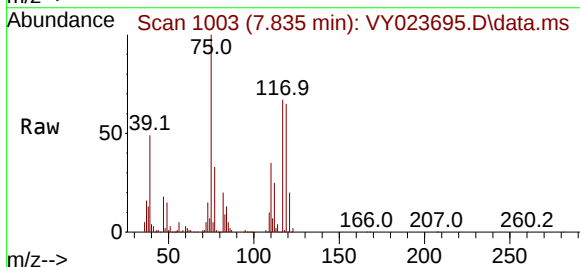
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

Tgt Ion:113 Resp: 253337
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 21.5 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.641 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 75 Resp: 138622
Ion Ratio Lower Upper
75 100
110 37.7 19.7 59.0
77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 21.509 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

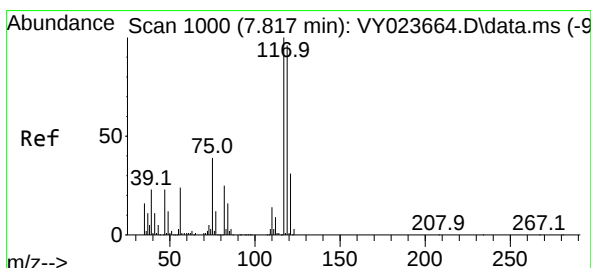
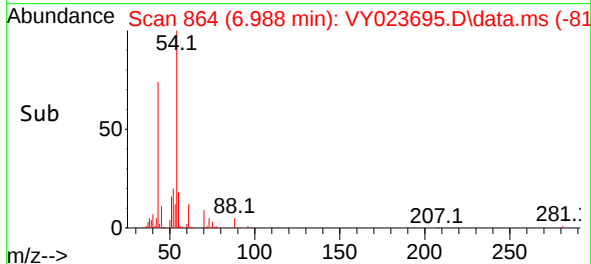
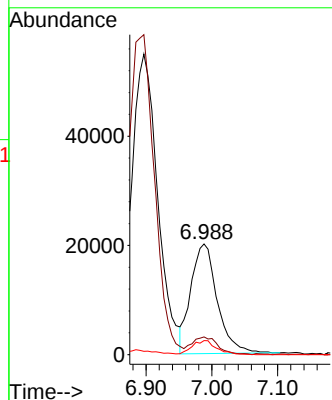
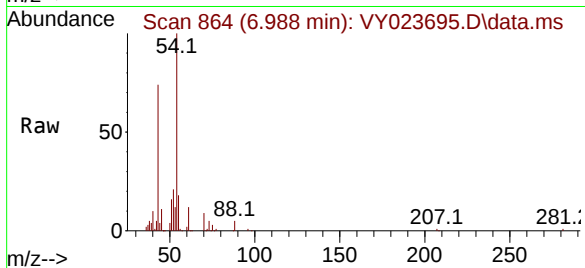
Tgt Ion: 43 Resp: 55918

Ion Ratio Lower Upper

43 100

61 16.0 12.4 18.6

70 12.0 9.8 14.8



#38

Carbon Tetrachloride

Concen: 20.220 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

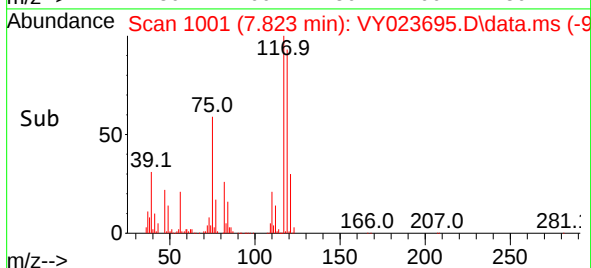
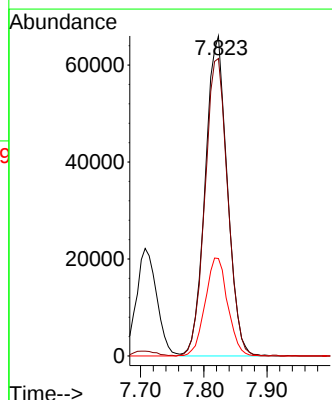
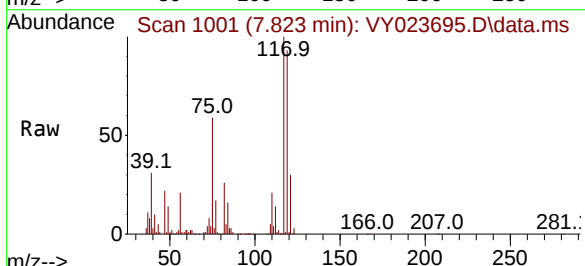
Tgt Ion: 117 Resp: 159996

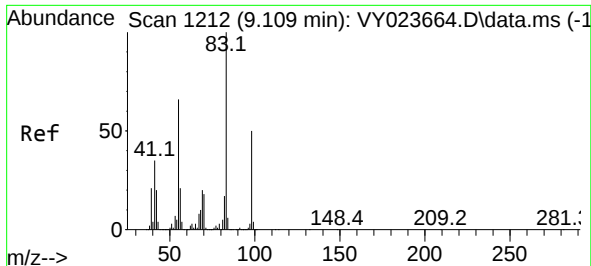
Ion Ratio Lower Upper

117 100

119 92.9 76.3 114.5

121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.088 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBSD01

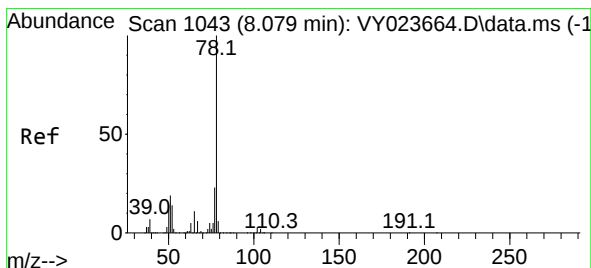
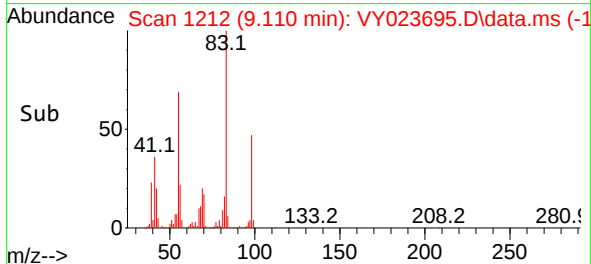
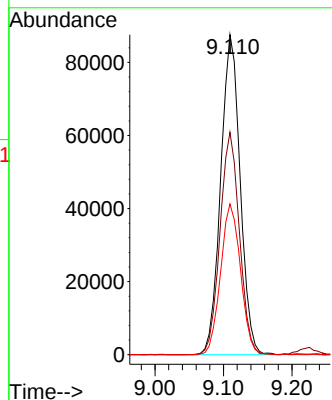
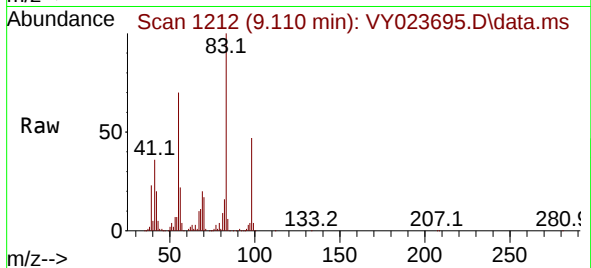
Tgt Ion: 83 Resp: 172371

Ion Ratio Lower Upper

83 100

55 69.5 52.6 78.8

98 47.1 39.7 59.5



#40

Benzene

Concen: 21.220 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023695.D

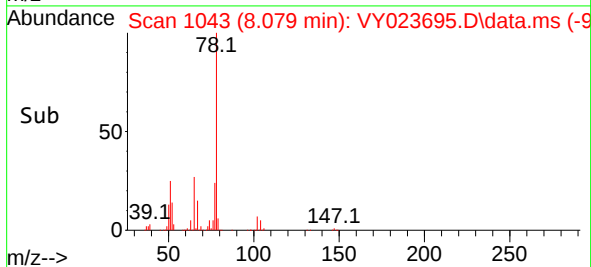
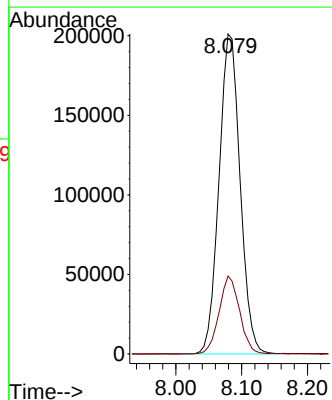
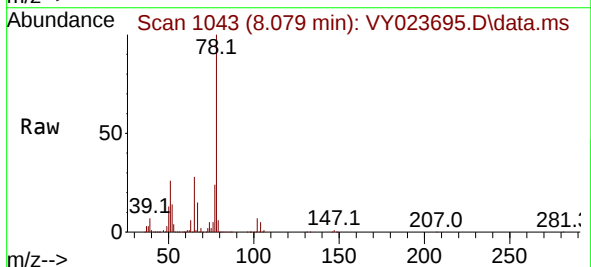
Acq: 06 Nov 2025 10:07

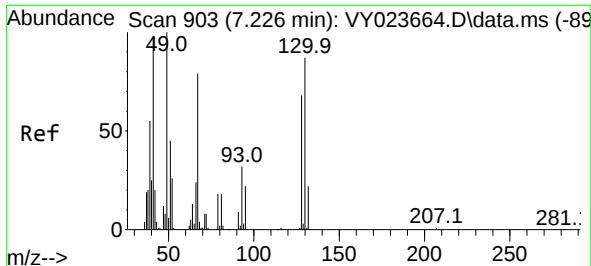
Tgt Ion: 78 Resp: 449187

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2

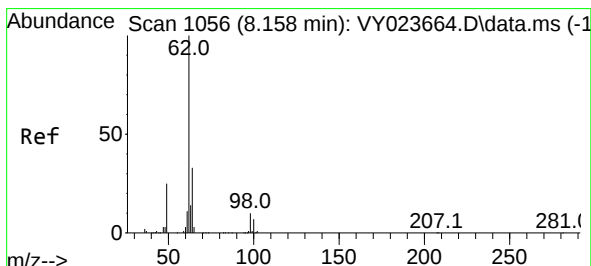
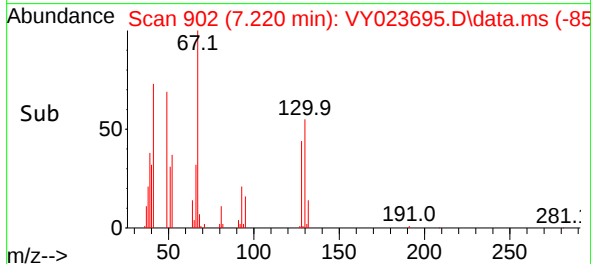
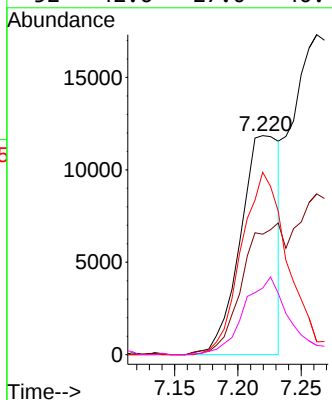
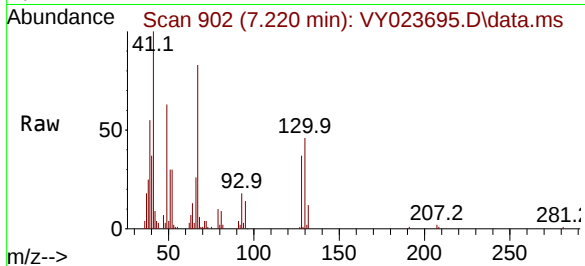




#41
Methacrylonitrile
Concen: 17.792 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

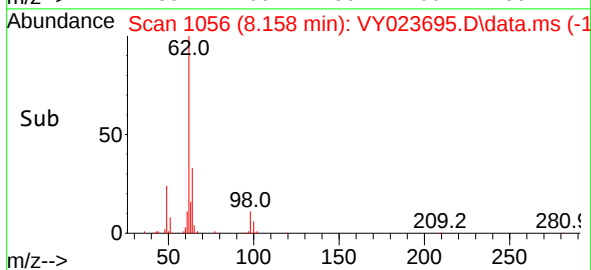
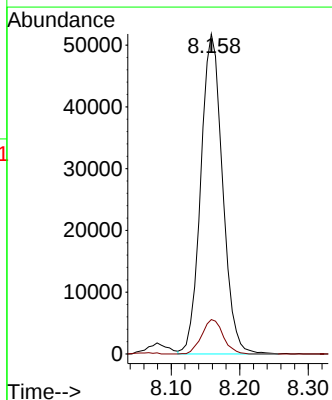
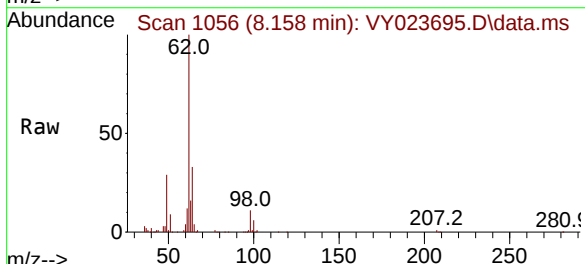
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

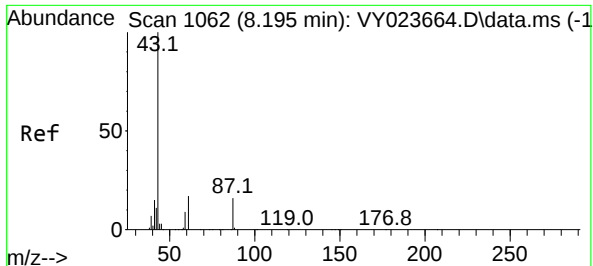
Tgt Ion: 41 Resp: 25249
Ion Ratio Lower Upper
41 100
39 66.0 38.6 57.8#
67 101.4 71.3 106.9
52 42.6 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 21.395 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 62 Resp: 114582
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.0





#43

Isopropyl Acetate

Concen: 21.516 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

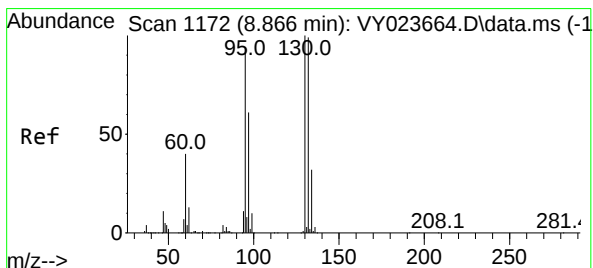
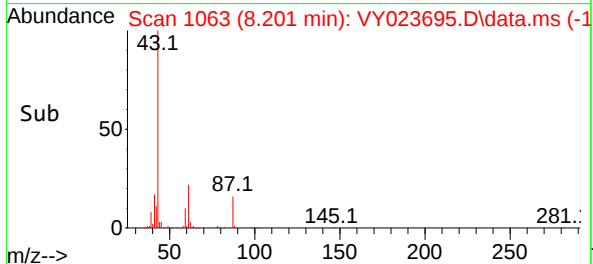
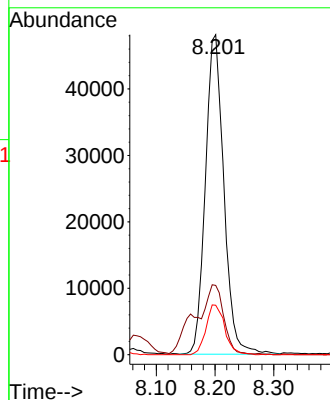
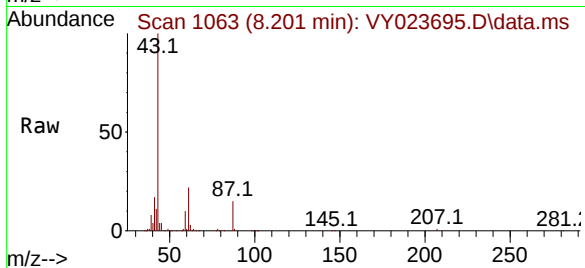
Tgt Ion: 43 Resp: 105103

Ion Ratio Lower Upper

43 100

61 20.5 18.2 27.2

87 15.8 13.3 19.9



#44

Trichloroethene

Concen: 20.572 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023695.D

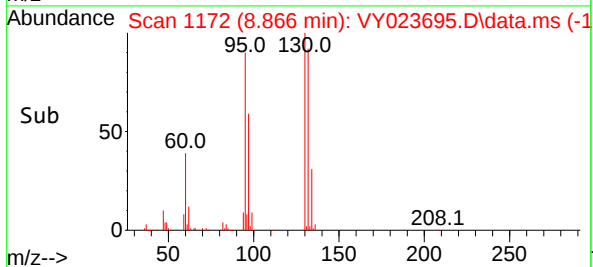
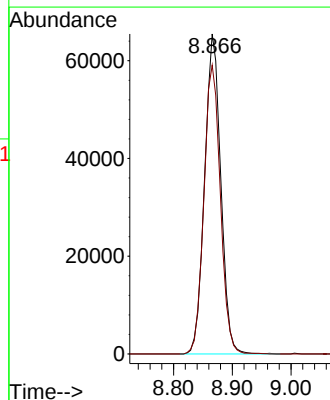
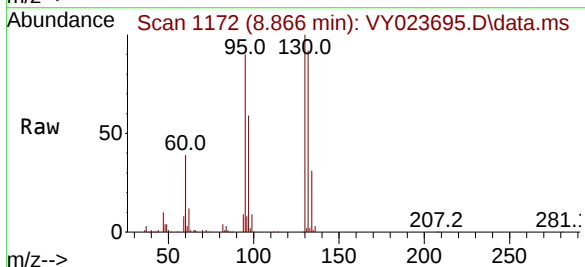
Acq: 06 Nov 2025 10:07

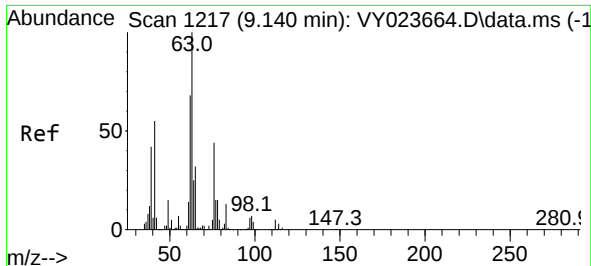
Tgt Ion:130 Resp: 125077

Ion Ratio Lower Upper

130 100

95 90.3 0.0 187.0





#45

1,2-Dichloropropane

Concen: 21.264 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

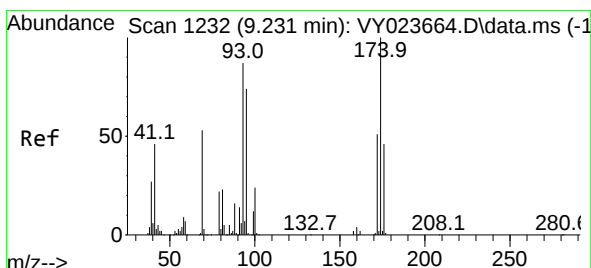
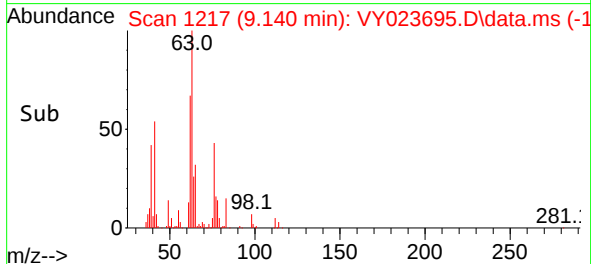
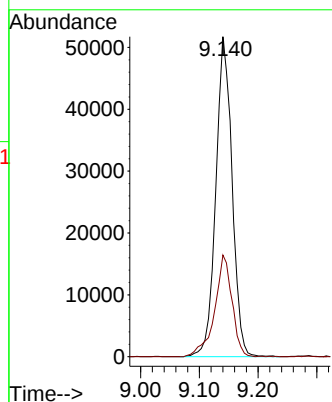
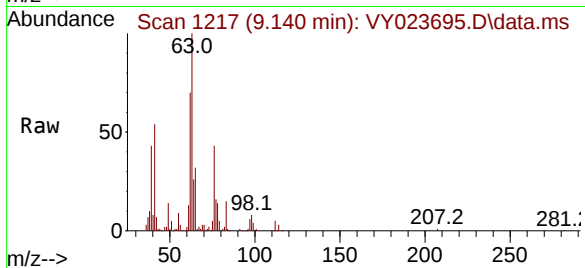
VY1106SBS01

Tgt Ion: 63 Resp: 99344

Ion Ratio Lower Upper

63 100

65 31.8 25.6 38.4



#46

Dibromomethane

Concen: 21.056 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

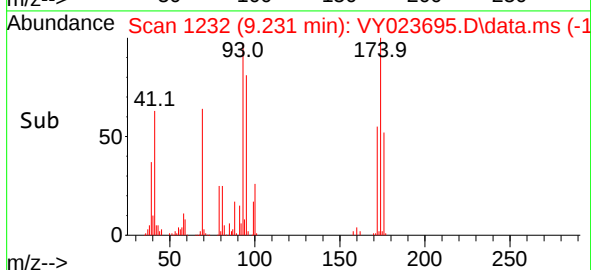
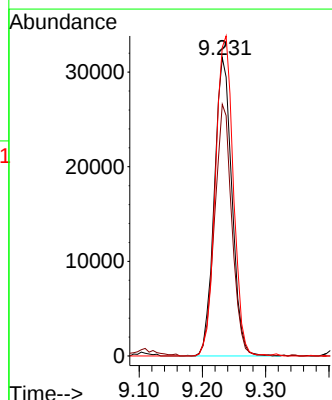
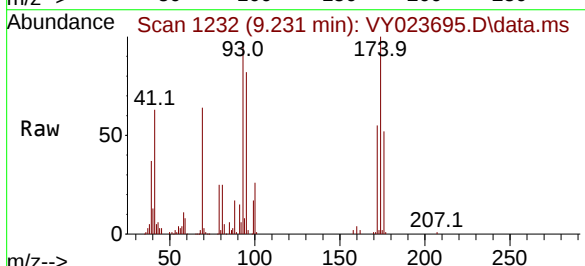
Tgt Ion: 93 Resp: 60952

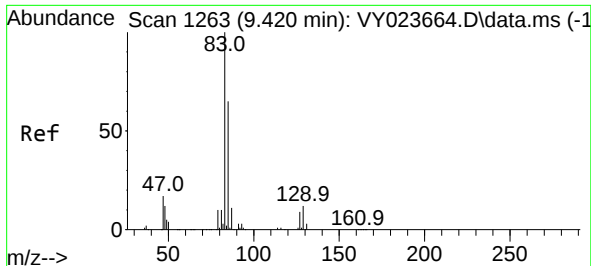
Ion Ratio Lower Upper

93 100

95 82.8 67.4 101.2

174 108.7 89.4 134.0

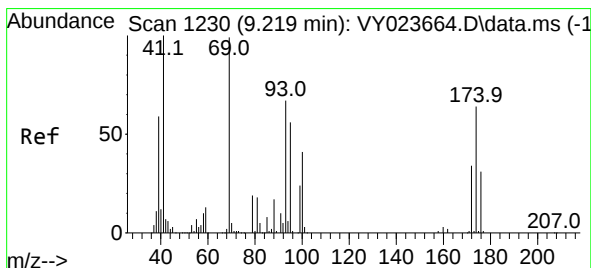
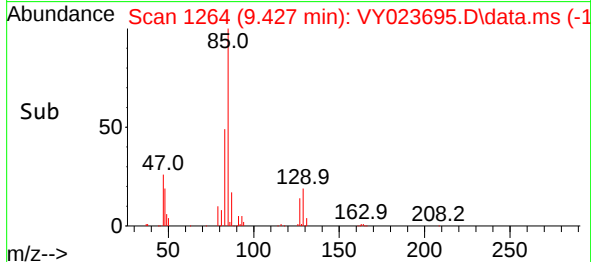
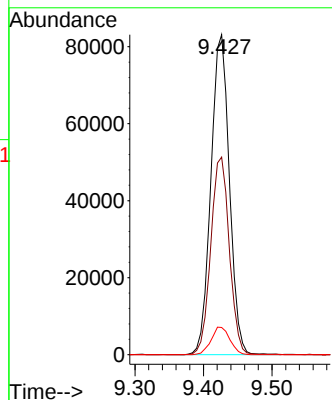
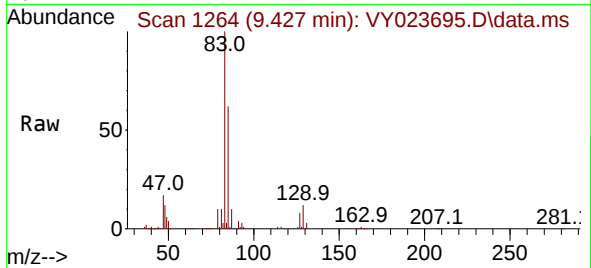




#47
Bromodichloromethane
Concen: 21.287 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

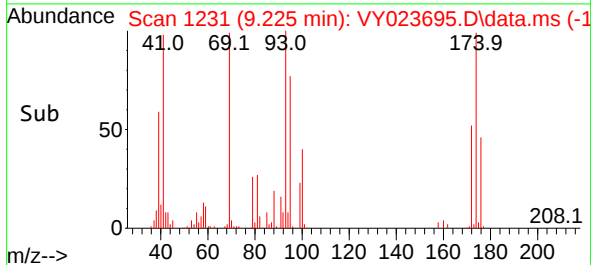
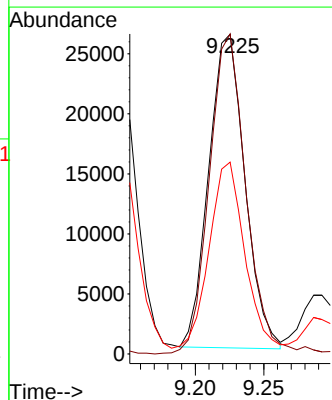
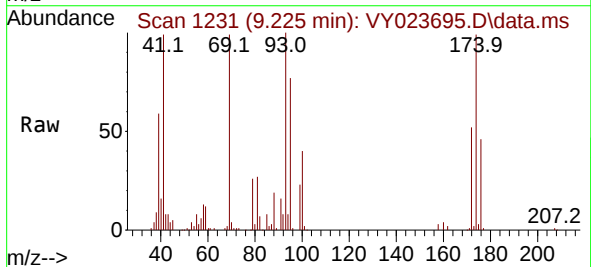
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

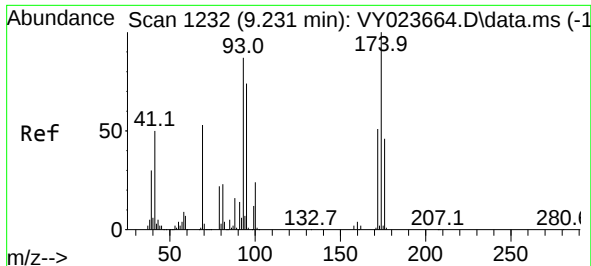
Tgt Ion: 83 Resp: 155359
Ion Ratio Lower Upper
83 100
85 61.8 52.1 78.1
127 8.5 7.5 11.3



#48
Methyl methacrylate
Concen: 20.775 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 41 Resp: 47946
Ion Ratio Lower Upper
41 100
69 104.4 80.2 120.2
39 58.0 47.4 71.0





#49

1,4-Dioxane

Concen: 423.874 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

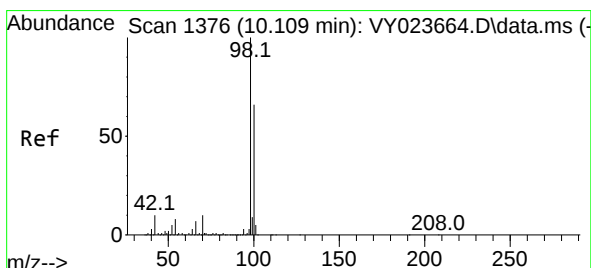
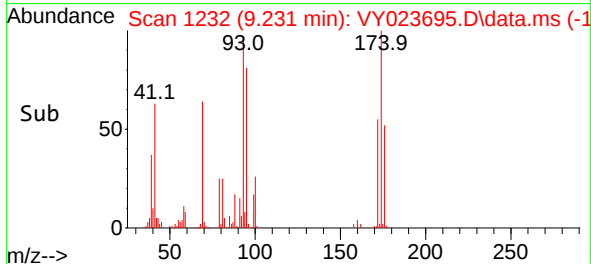
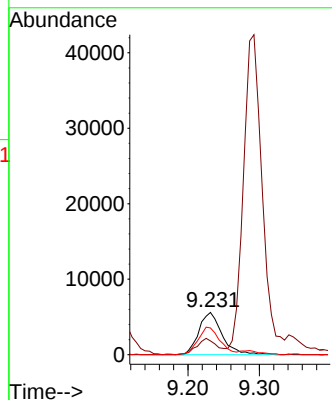
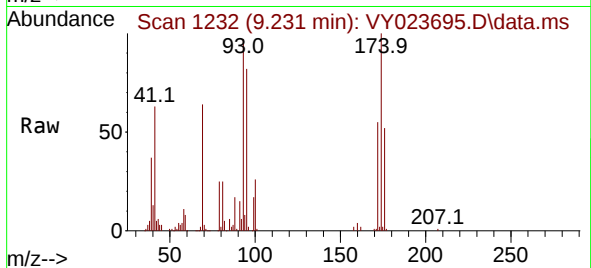
Tgt Ion: 88 Resp: 12557

Ion Ratio Lower Upper

88 100

43 35.5 22.0 33.0#

58 61.7 47.8 71.8



#50

Toluene-d8

Concen: 51.544 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023695.D

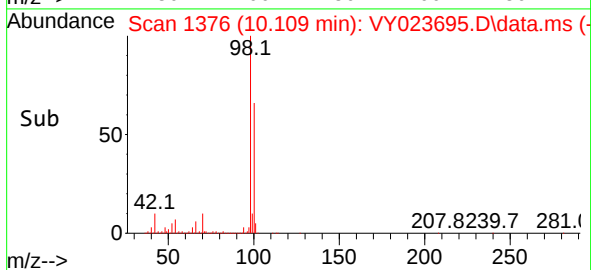
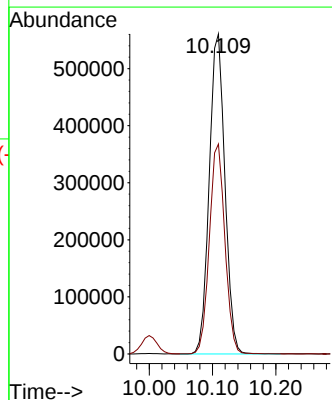
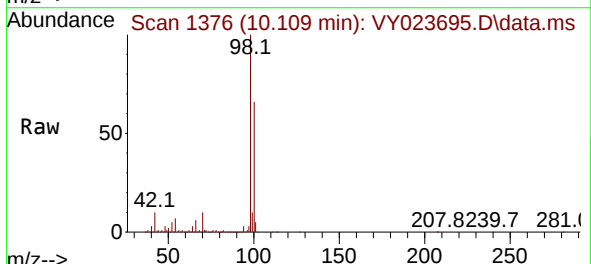
Acq: 06 Nov 2025 10:07

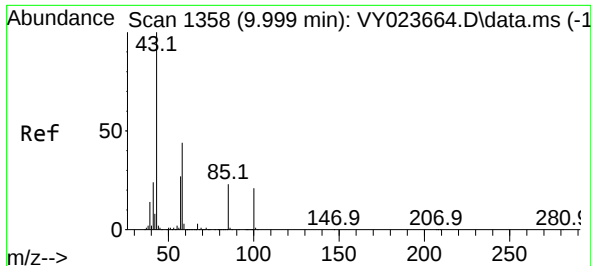
Tgt Ion: 98 Resp: 964970

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1

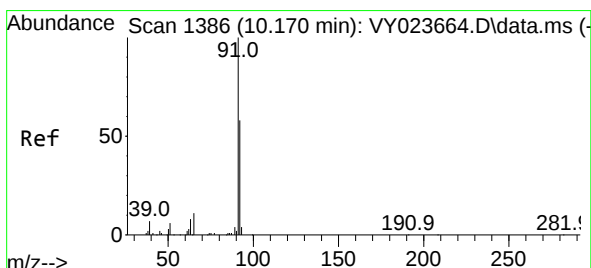
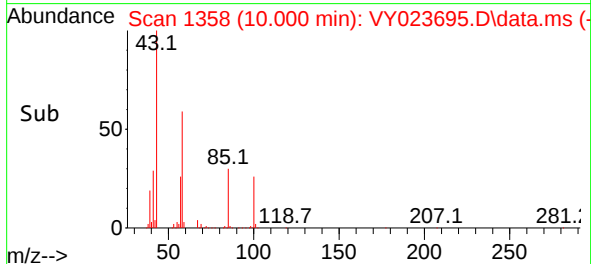
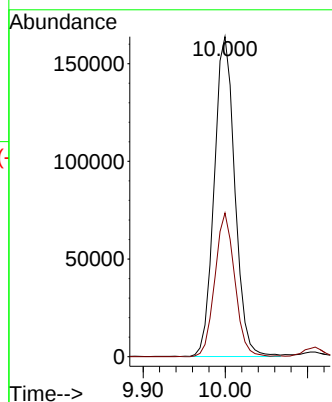
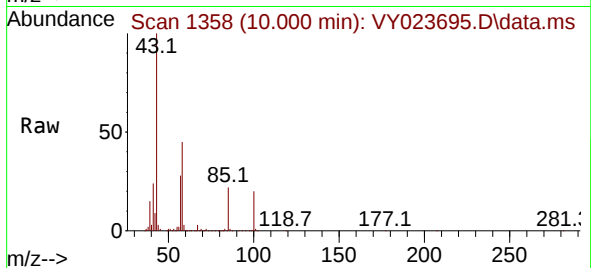




#51
4-Methyl-2-Pentanone
Concen: 109.854 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

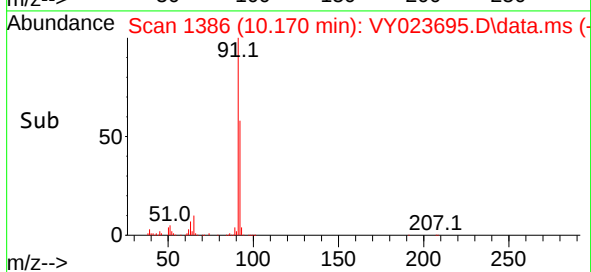
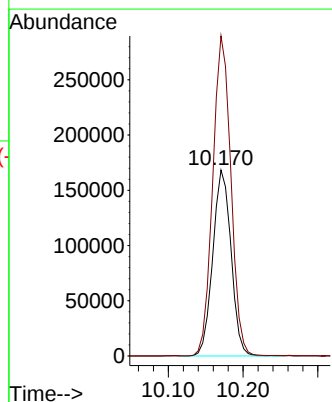
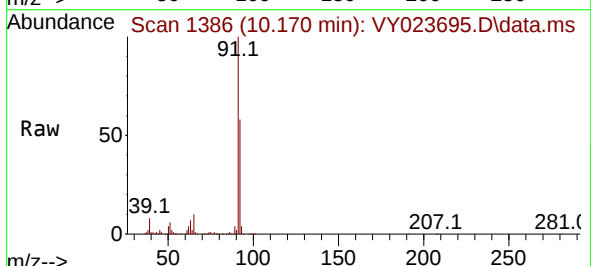
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

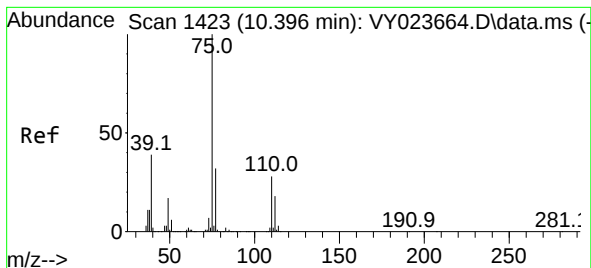
Tgt Ion: 43 Resp: 285374
Ion Ratio Lower Upper
43 100
58 43.4 34.8 52.2



#52
Toluene
Concen: 21.054 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 92 Resp: 284543
Ion Ratio Lower Upper
92 100
91 172.0 137.8 206.8

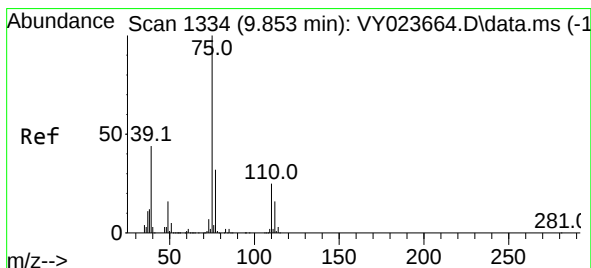
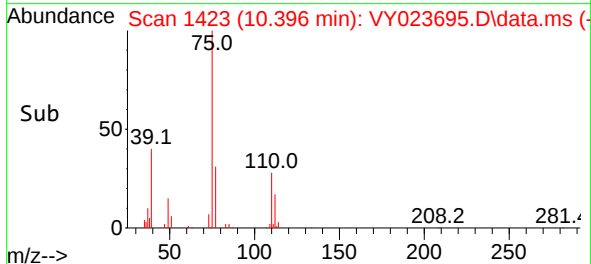
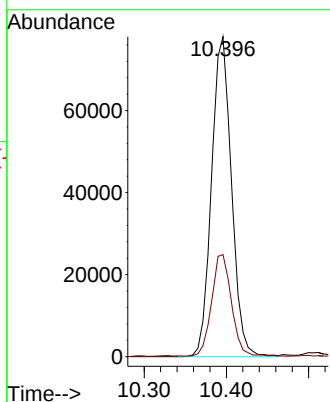
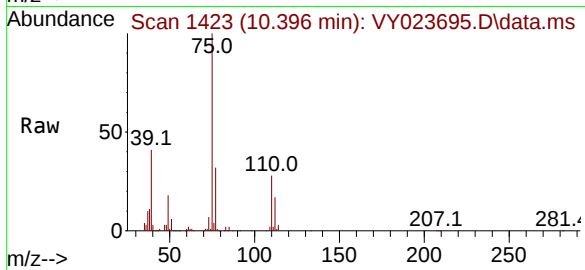




#53
t-1,3-Dichloropropene
Concen: 21.306 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

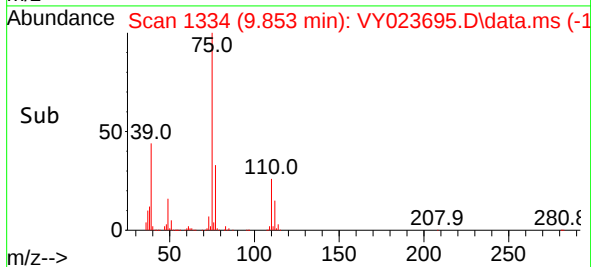
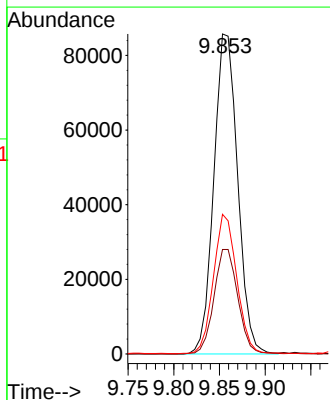
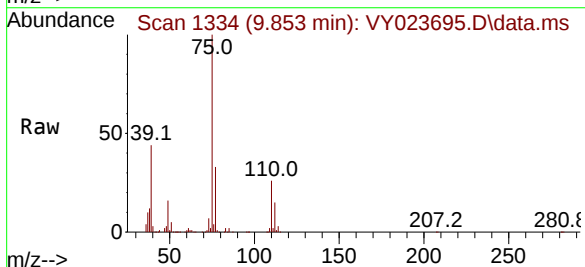
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

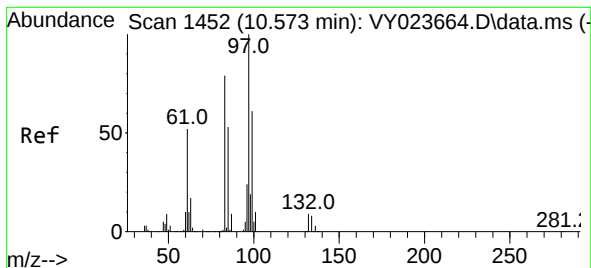
Tgt Ion: 75 Resp: 131571
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.025 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 75 Resp: 155558
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 43.6 34.9 52.3

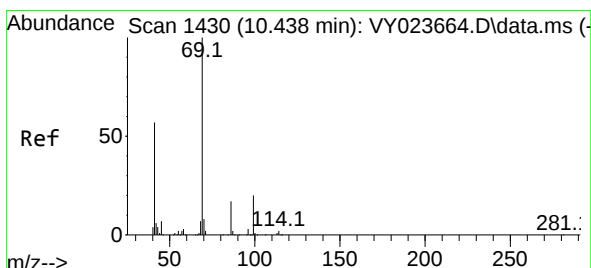
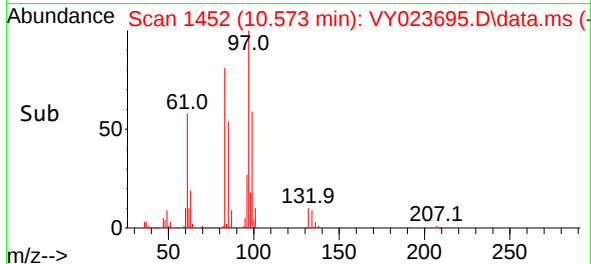
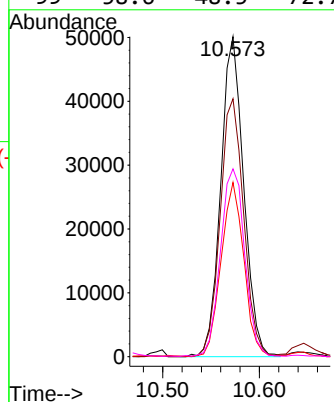
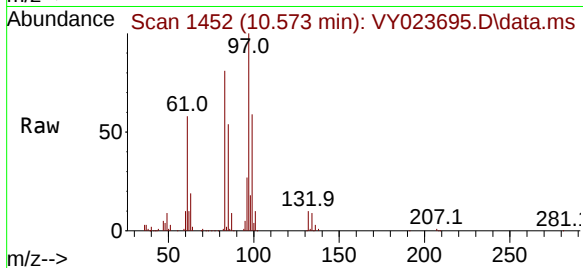




#55
1,1,2-Trichloroethane
Concen: 21.317 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

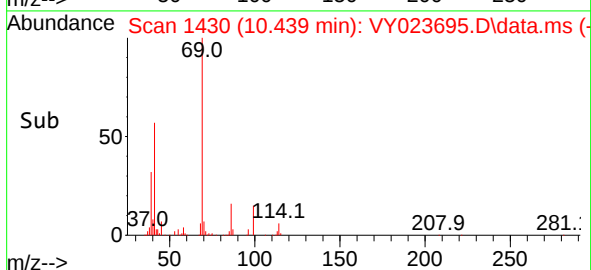
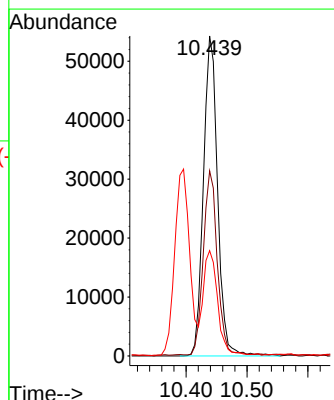
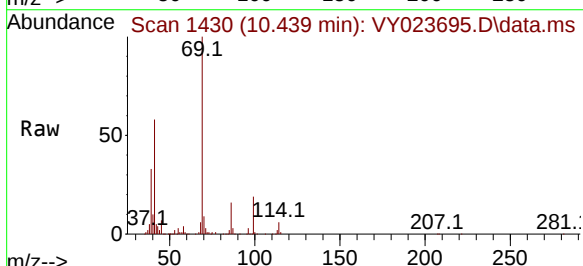
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

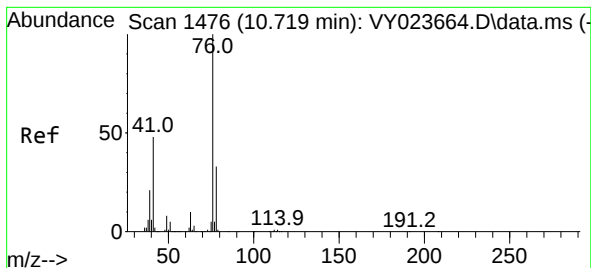
Tgt Ion: 97	Resp: 82465
Ion Ratio	Lower Upper
97 100	
83 80.6	63.3 94.9
85 54.3	42.4 63.6
99 58.6	48.5 72.7



#56
Ethyl methacrylate
Concen: 20.616 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 69	Resp: 87872
Ion Ratio	Lower Upper
69 100	
41 56.5	45.0 67.4
39 32.0	25.1 37.7

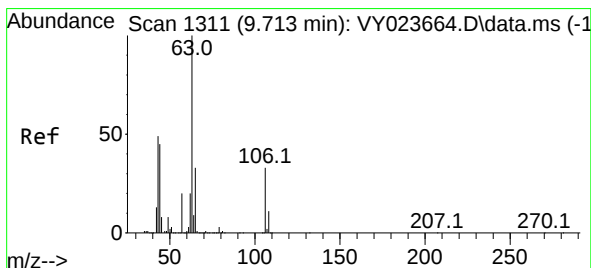
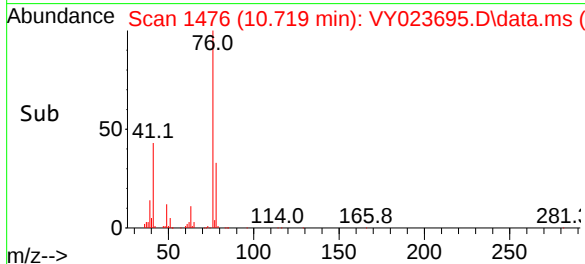
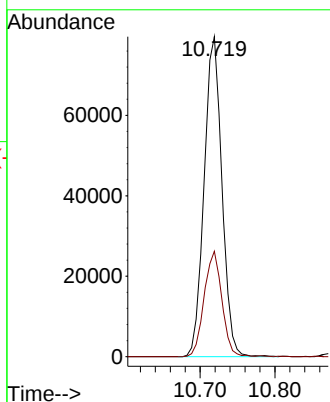
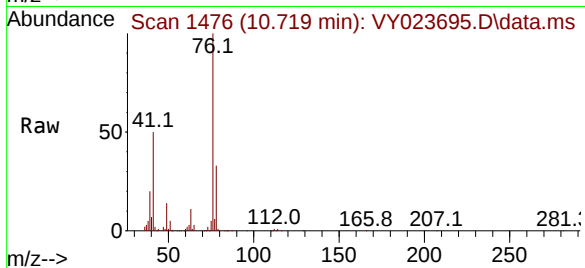




#57
1,3-Dichloropropane
Concen: 21.467 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

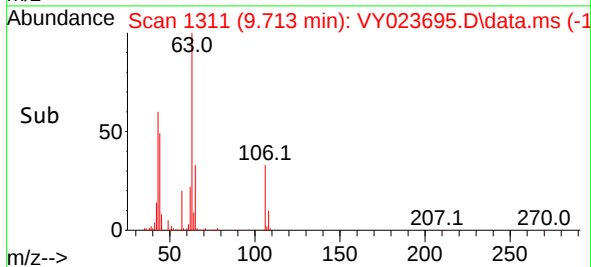
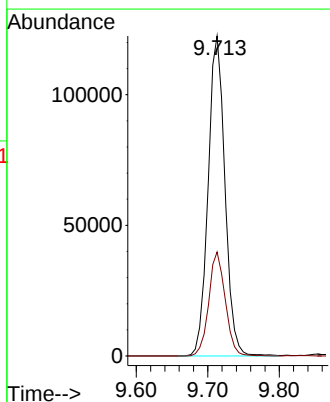
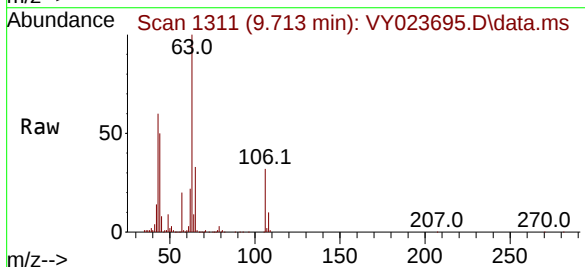
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

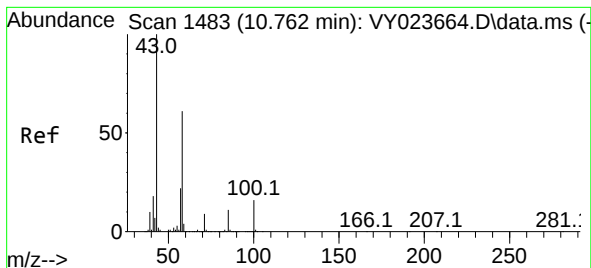
Tgt Ion: 76 Resp: 131721
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 102.140 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 63 Resp: 199771
Ion Ratio Lower Upper
63 100
106 31.9 26.2 39.2

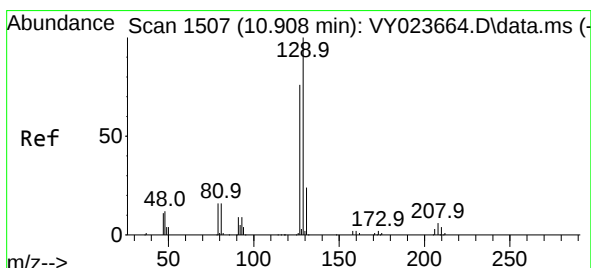
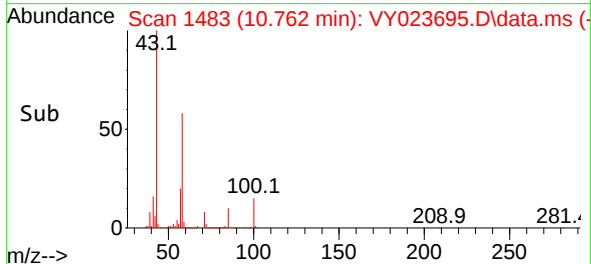
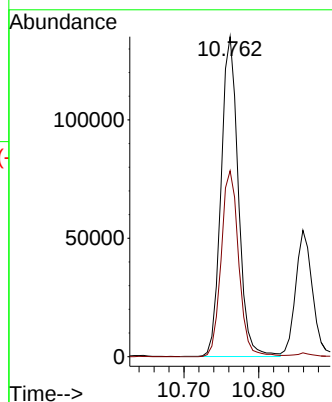
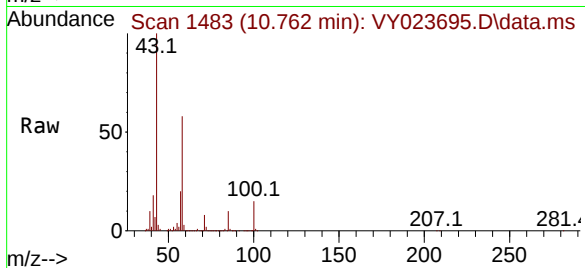




#59
2-Hexanone
Concen: 114.583 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

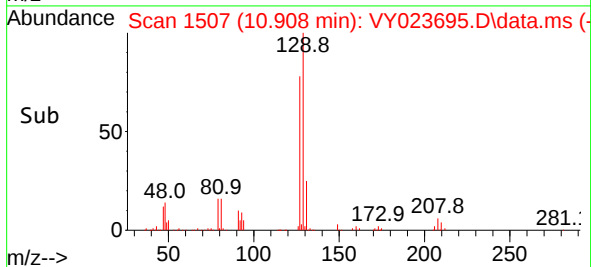
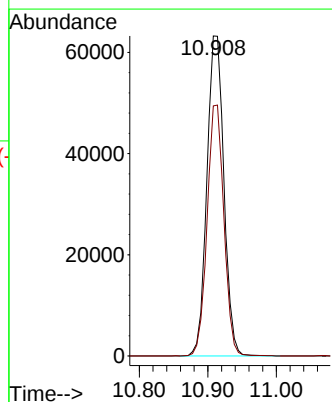
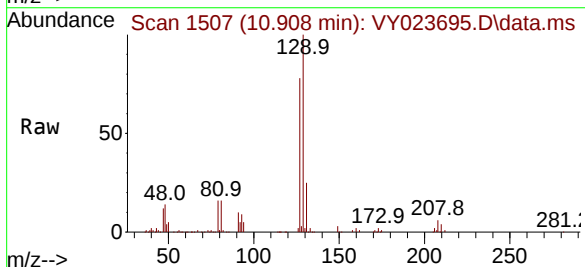
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

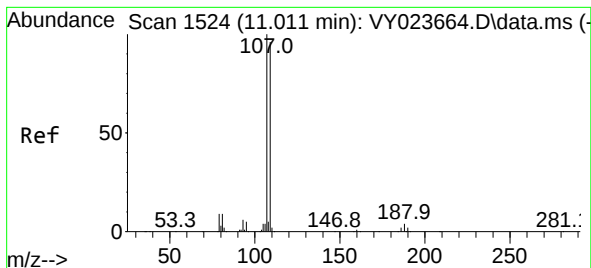
Tgt Ion: 43 Resp: 217163
Ion Ratio Lower Upper
43 100
58 59.2 30.2 90.6



#60
Dibromochloromethane
Concen: 20.558 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 129 Resp: 109270
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

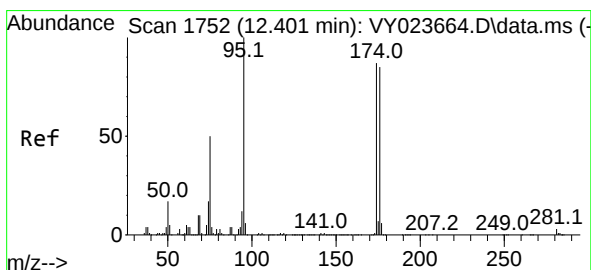
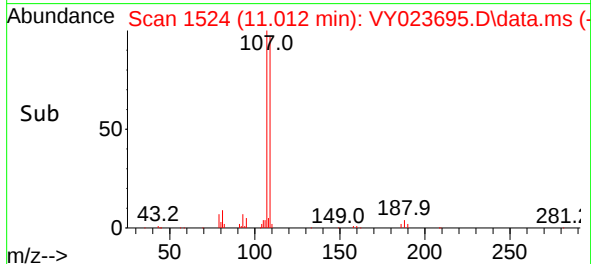
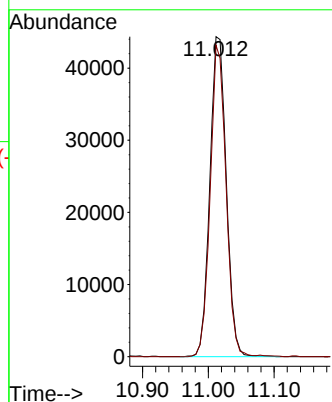
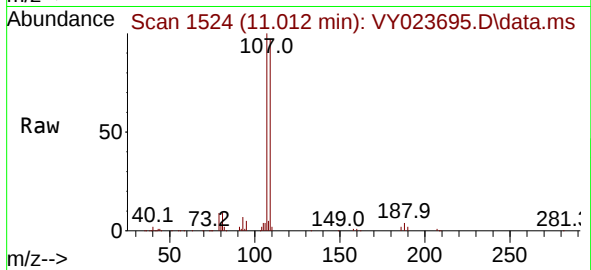




#61
1,2-Dibromoethane
Concen: 21.256 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

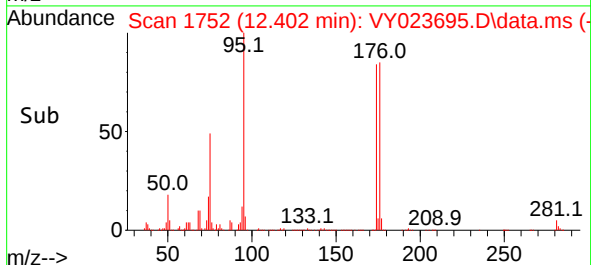
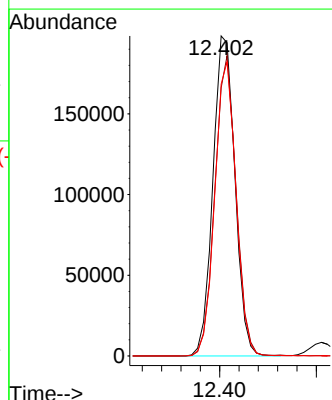
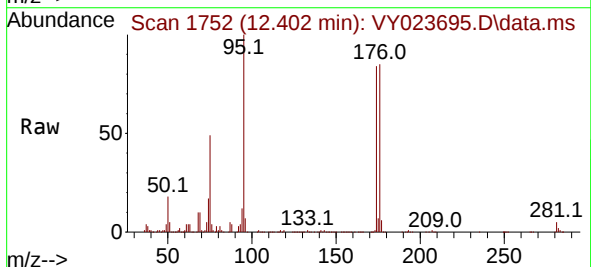
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

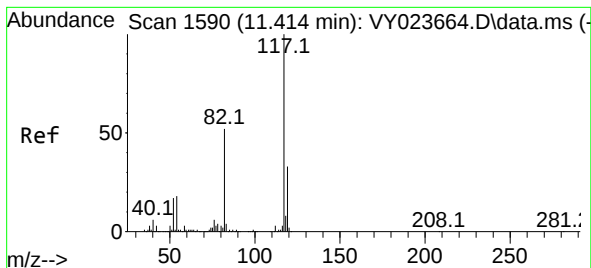
Tgt Ion:107 Resp: 77170
Ion Ratio Lower Upper
107 100
109 93.4 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.661 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 95 Resp: 312769
Ion Ratio Lower Upper
95 100
174 90.3 0.0 184.8
176 89.0 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBSD01

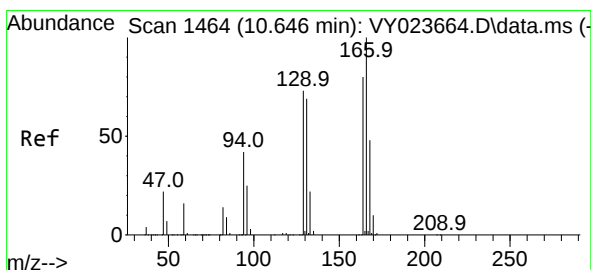
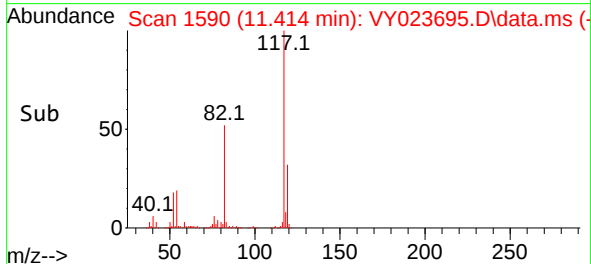
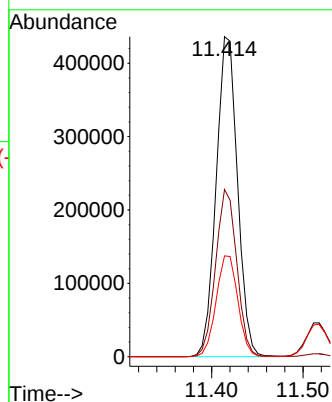
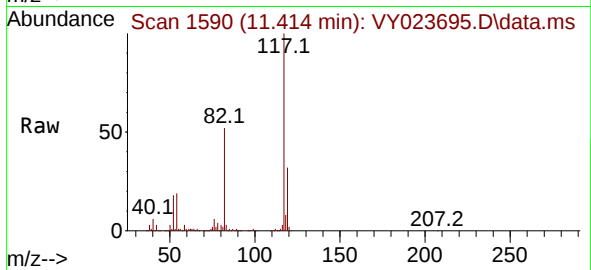
Tgt Ion:117 Resp: 708727

Ion Ratio Lower Upper

117 100

82 52.2 41.2 61.8

119 31.5 26.2 39.2



#64

Tetrachloroethene

Concen: 20.054 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Tgt Ion:164 Resp: 147935

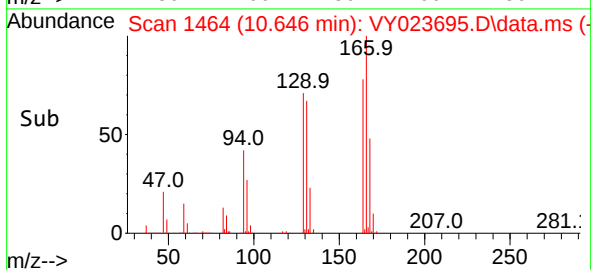
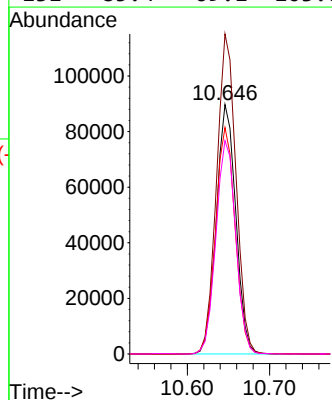
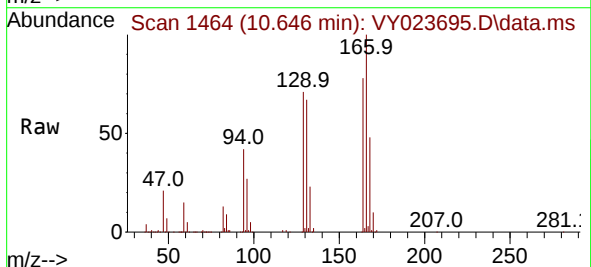
Ion Ratio Lower Upper

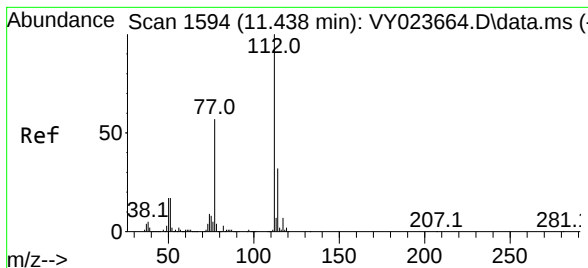
164 100

166 128.2 99.5 149.3

129 90.7 72.3 108.5

131 85.4 69.1 103.7





#65

Chlorobenzene

Concen: 20.368 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

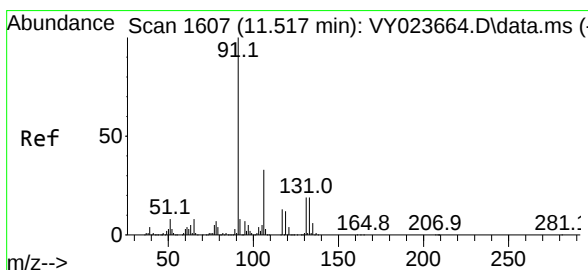
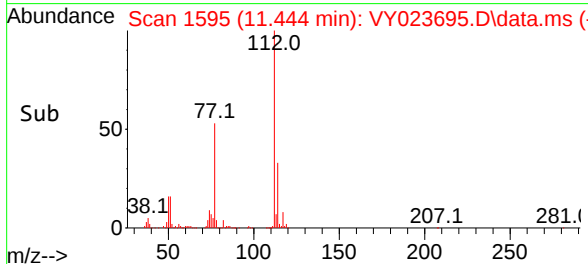
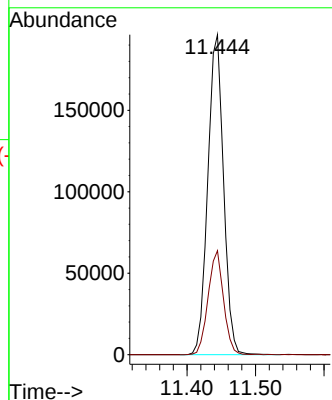
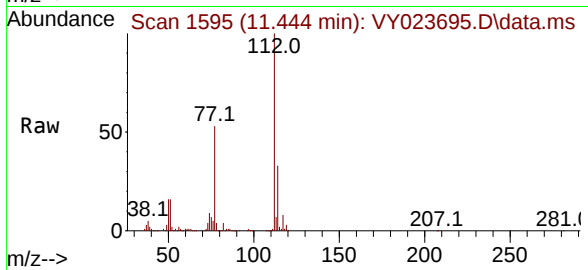
VY1106SBS01

Tgt Ion:112 Resp: 314254

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.496 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

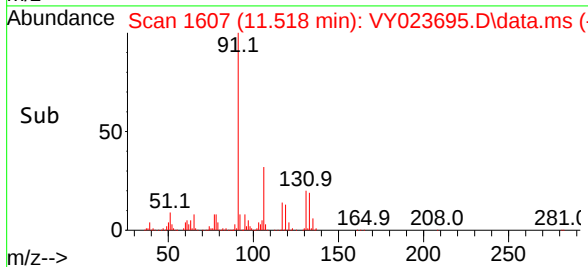
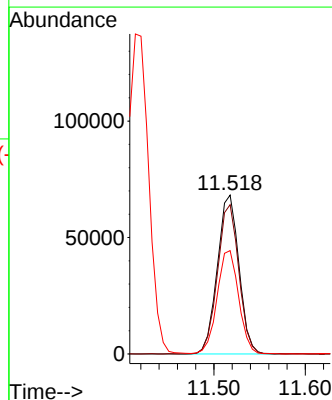
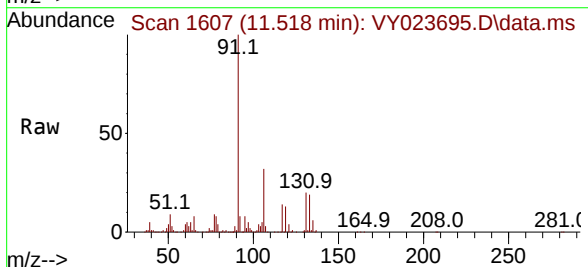
Tgt Ion:131 Resp: 111820

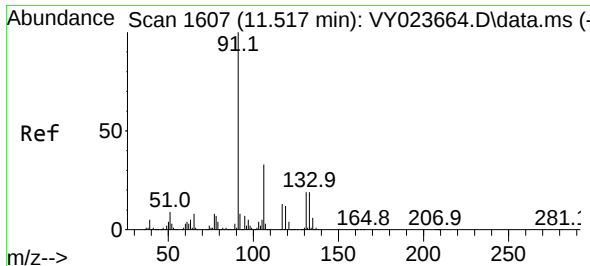
Ion Ratio Lower Upper

131 100

133 93.2 47.3 141.8

119 65.2 32.5 97.4





#67

Ethyl Benzene

Concen: 20.522 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

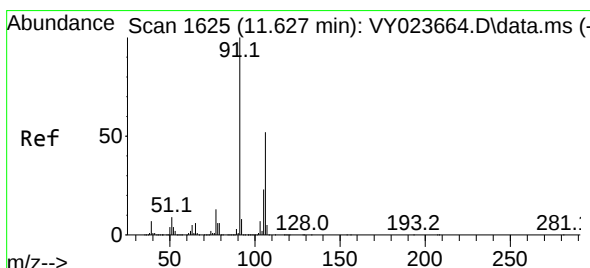
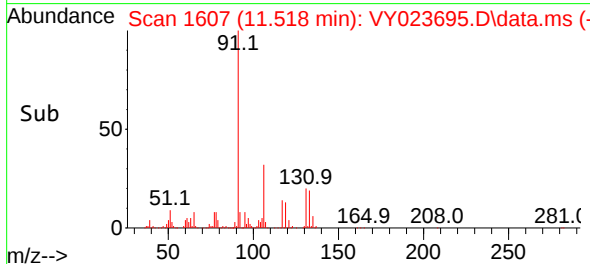
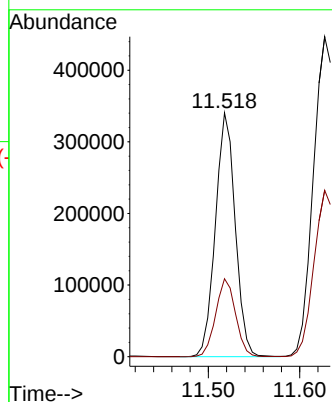
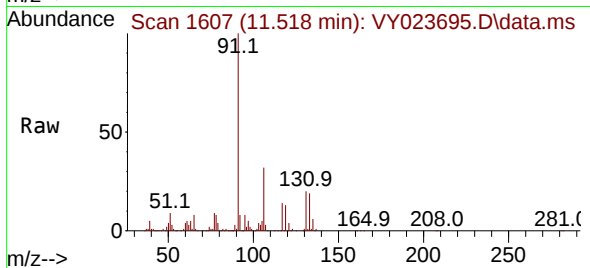
VY1106SBS01

Tgt Ion: 91 Resp: 512468

Ion Ratio Lower Upper

91 100

106 32.0 26.6 40.0



#68

m/p-Xylenes

Concen: 41.199 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023695.D

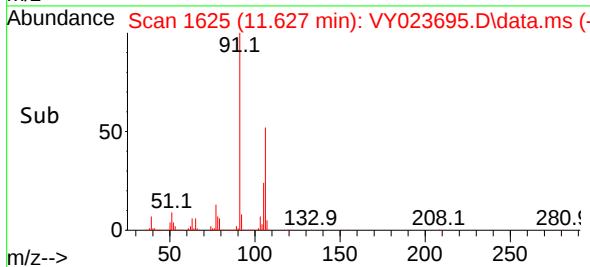
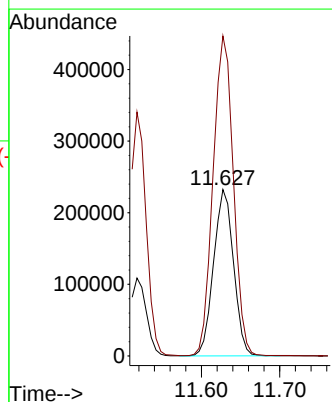
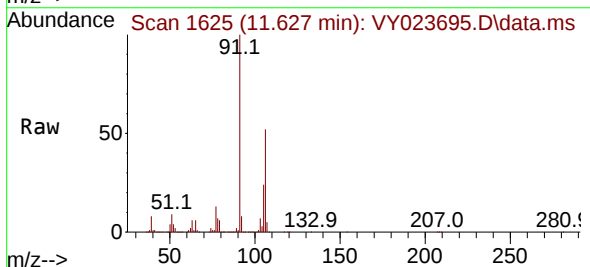
Acq: 06 Nov 2025 10:07

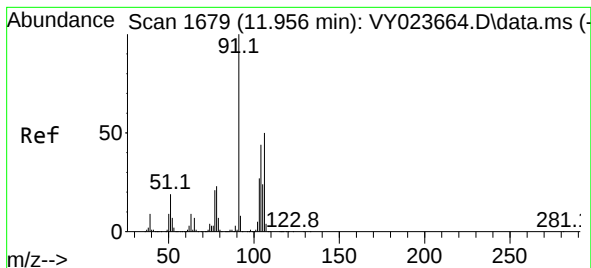
Tgt Ion: 106 Resp: 411043

Ion Ratio Lower Upper

106 100

91 196.0 154.3 231.5

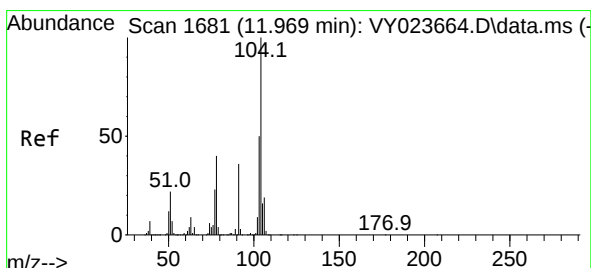
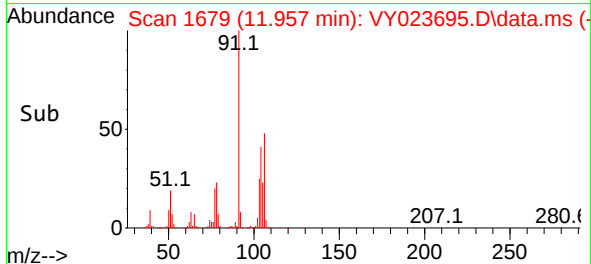
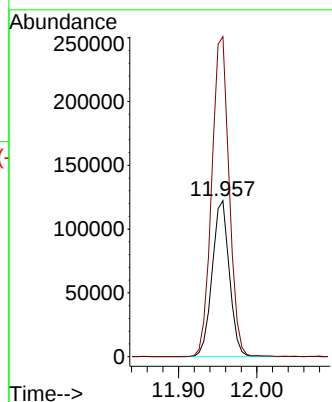
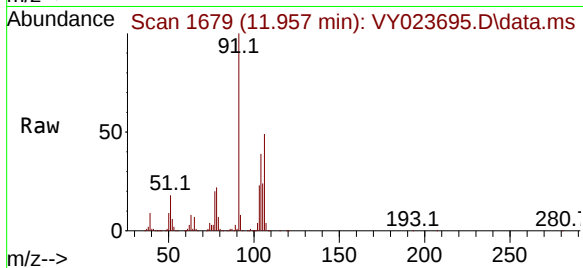




#69
o-Xylene
Concen: 20.146 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

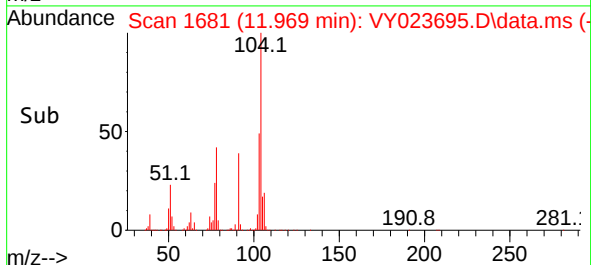
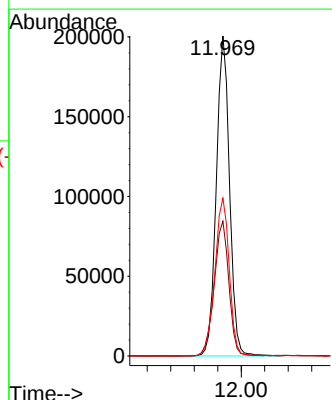
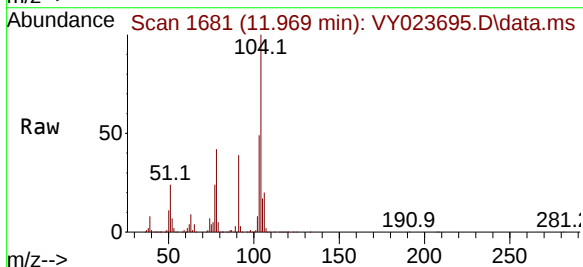
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

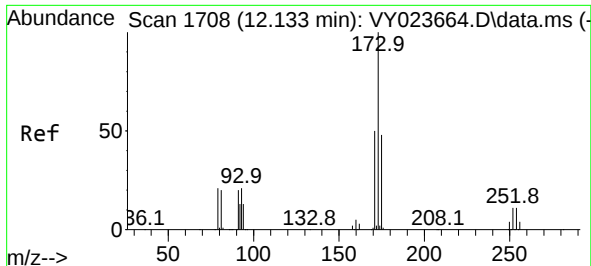
Tgt Ion:106 Resp: 185795
Ion Ratio Lower Upper
106 100
91 208.5 101.6 304.6



#70
Styrene
Concen: 20.599 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion:104 Resp: 313455
Ion Ratio Lower Upper
104 100
78 46.5 36.5 54.7
103 53.9 43.7 65.5

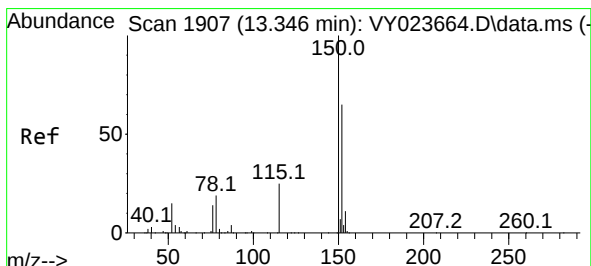
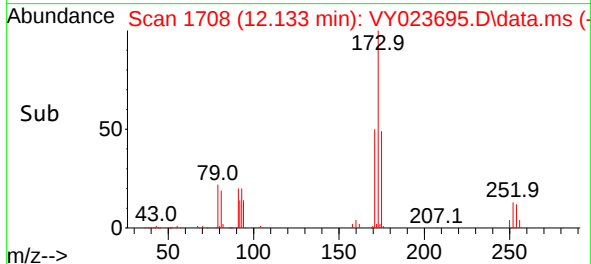
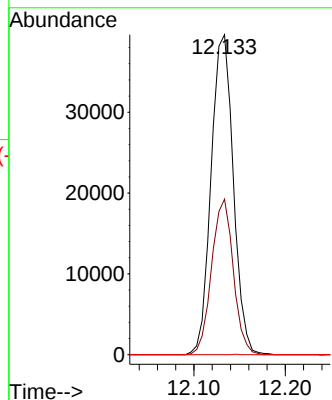
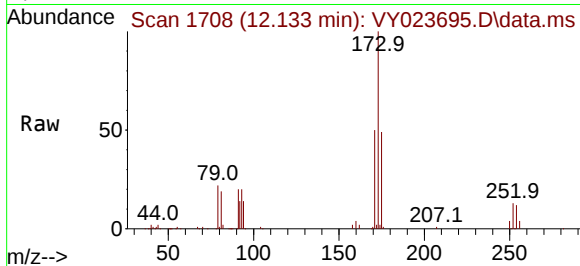




#71
Bromoform
Concen: 20.952 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

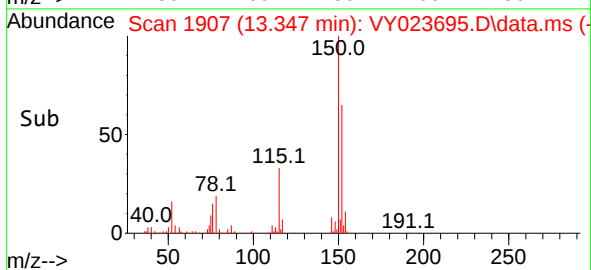
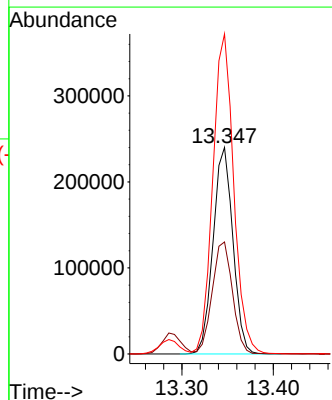
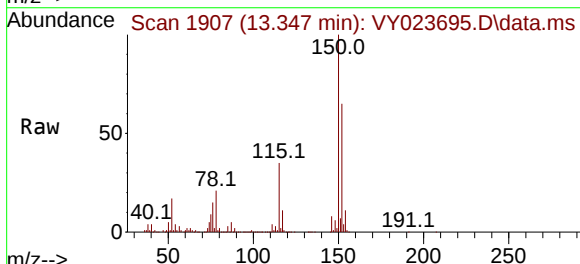
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

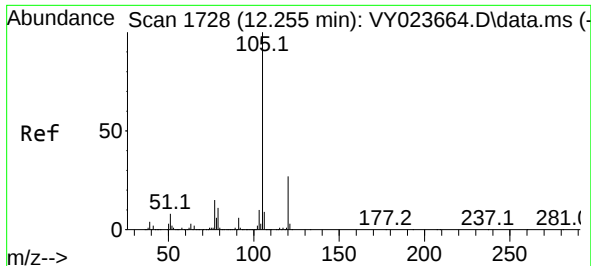
Tgt Ion:173 Resp: 66762
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion:152 Resp: 361529
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.5
150 163.4 0.0 349.0

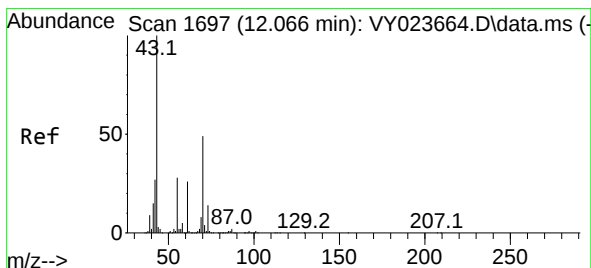
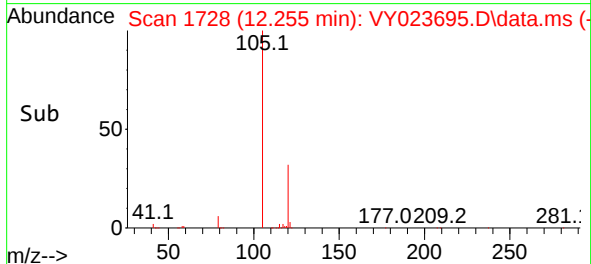
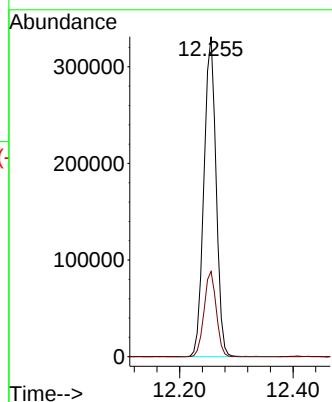
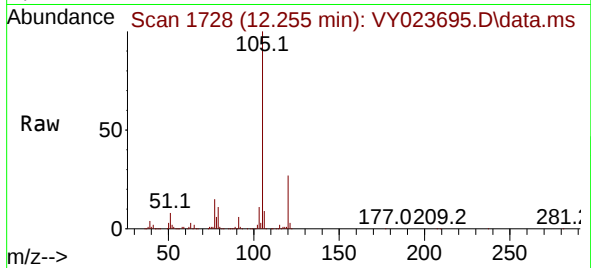




#73
Isopropylbenzene
Concen: 20.370 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

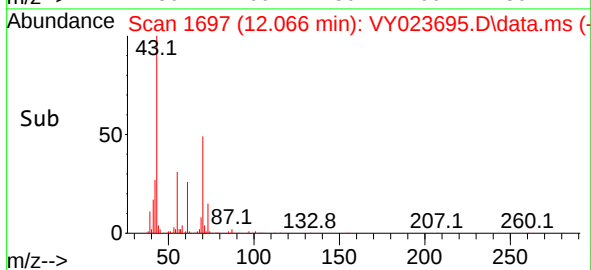
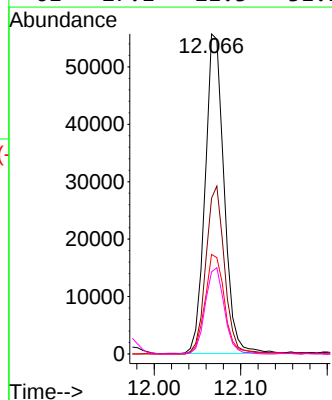
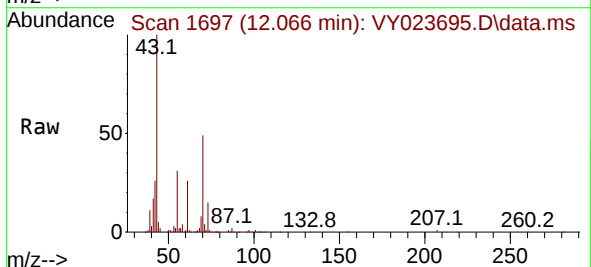
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBSD01

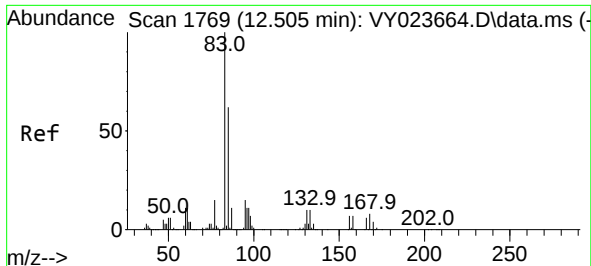
Tgt Ion:105 Resp: 492540
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 20.683 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 43 Resp: 84670
Ion Ratio Lower Upper
43 100
70 52.0 40.1 60.1
55 32.1 23.0 34.6
61 27.1 21.3 31.9

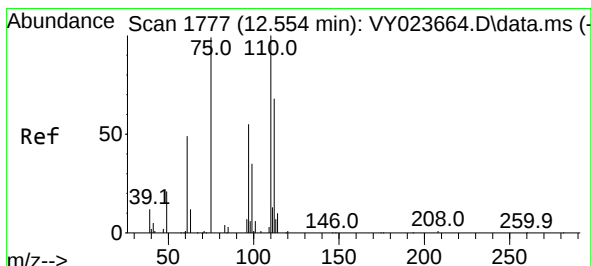
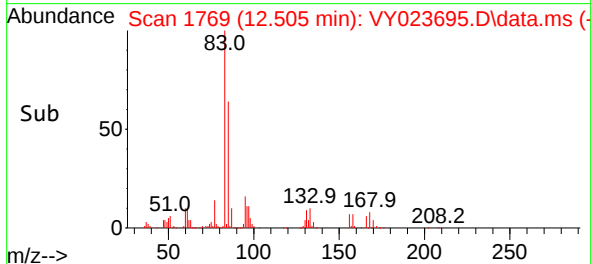
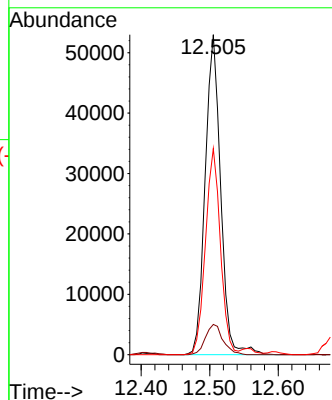
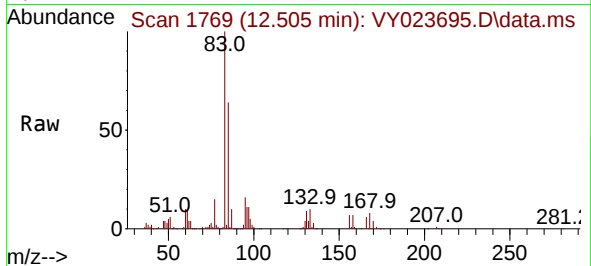




#75
1,1,2,2-Tetrachloroethane
Concen: 21.568 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

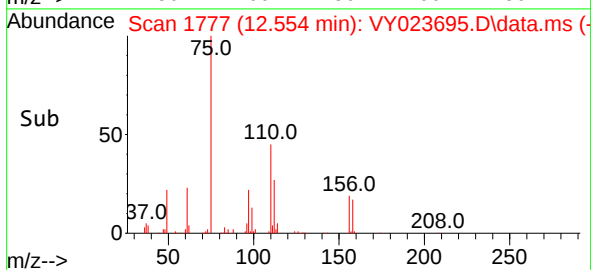
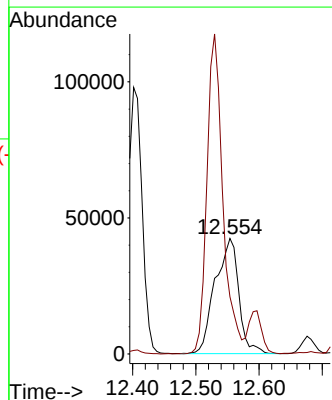
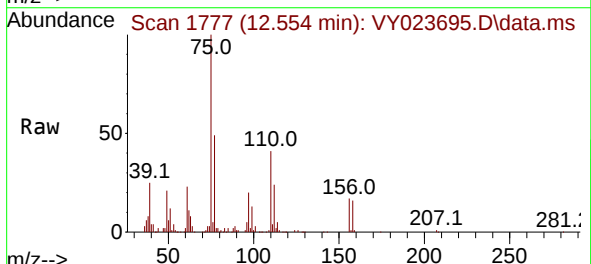
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

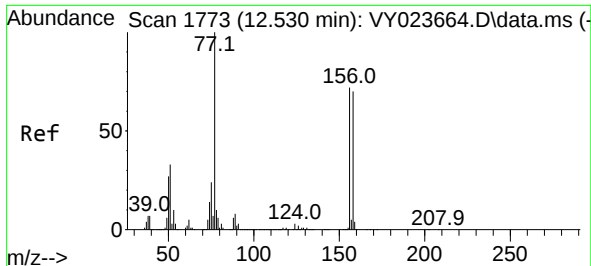
Tgt Ion: 83 Resp: 83292
Ion Ratio Lower Upper
83 100
131 10.7 5.7 17.0
85 62.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 37.490 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 75 Resp: 109691
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

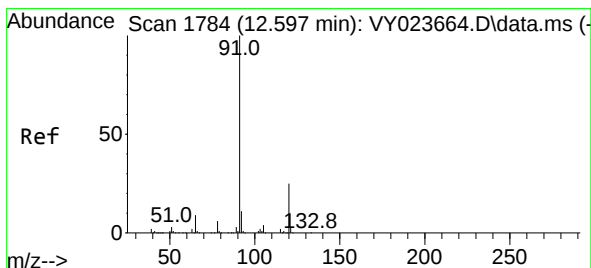
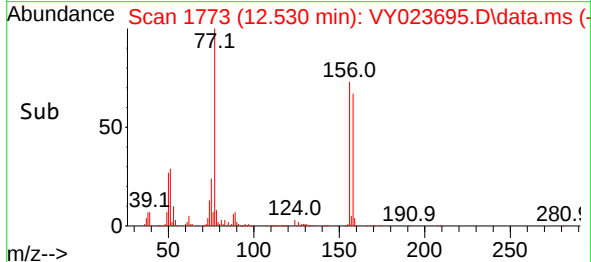
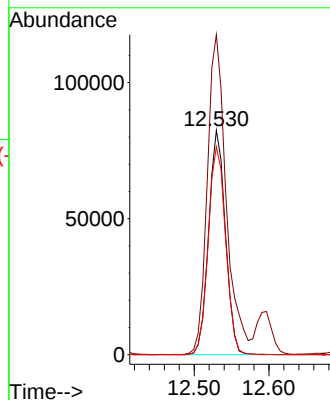
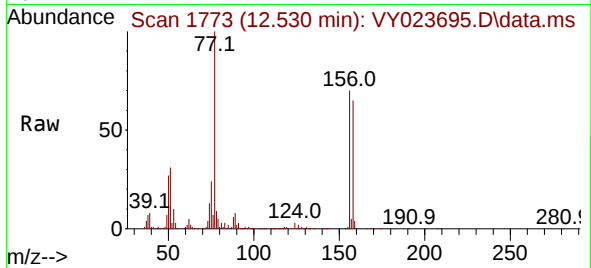




#77
Bromobenzene
Concen: 20.451 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

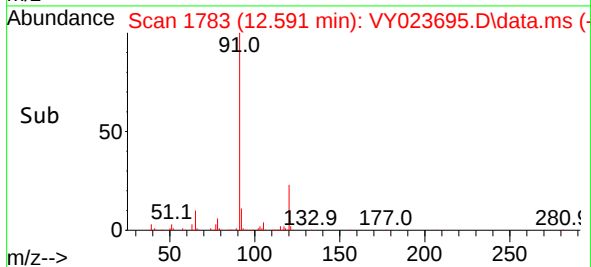
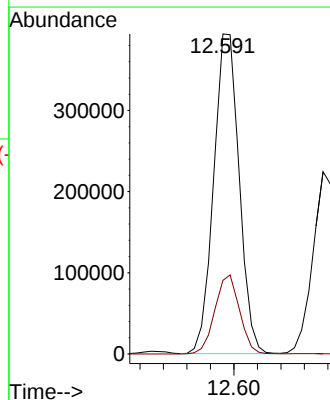
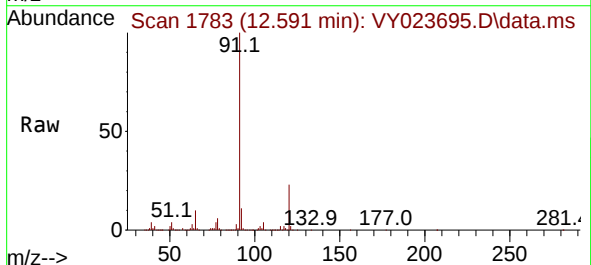
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

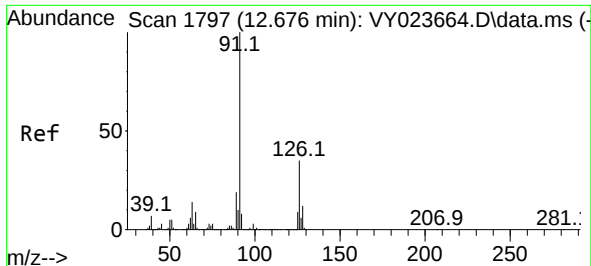
Tgt Ion:156 Resp: 128267
Ion Ratio Lower Upper
156 100
77 160.7 77.9 233.7
158 95.9 48.5 145.5



#78
n-propylbenzene
Concen: 20.851 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 91 Resp: 593032
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.1

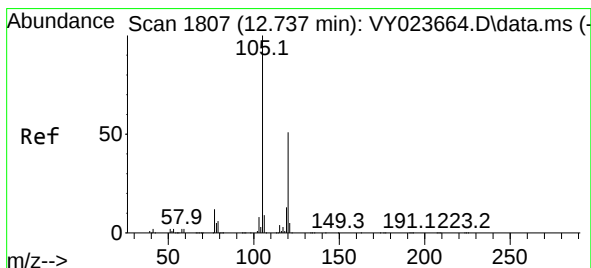
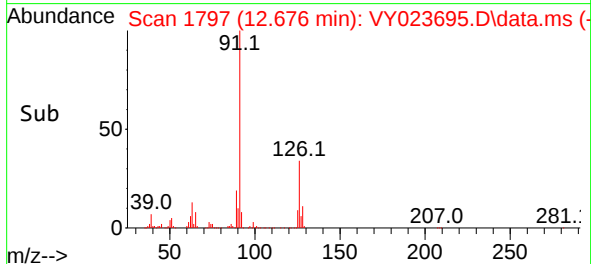
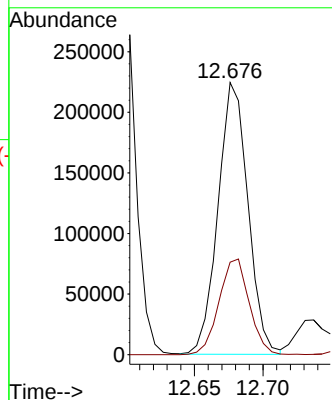
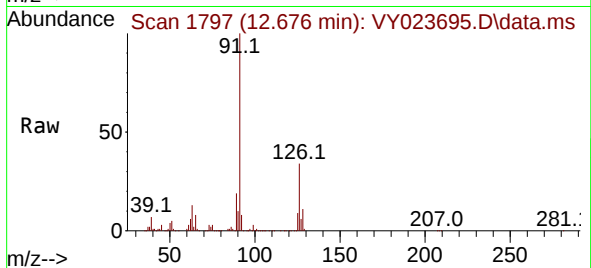




#79
2-Chlorotoluene
Concen: 20.703 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

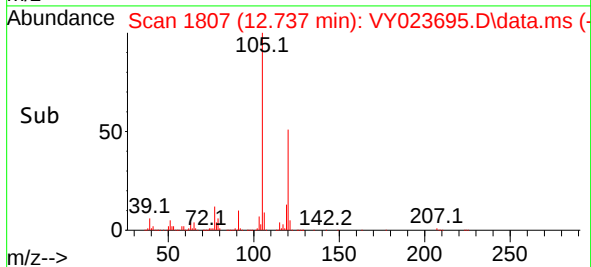
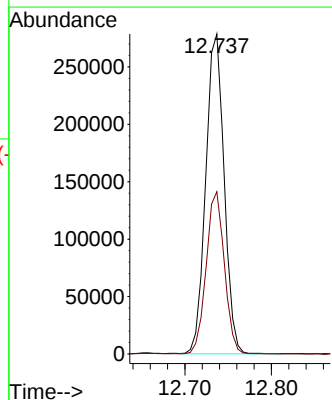
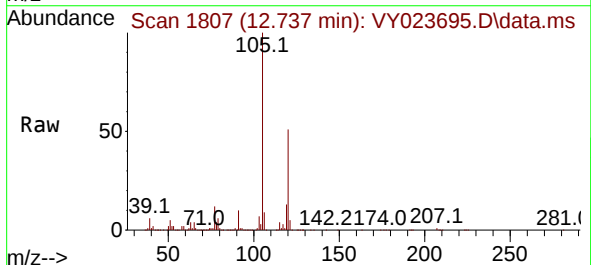
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

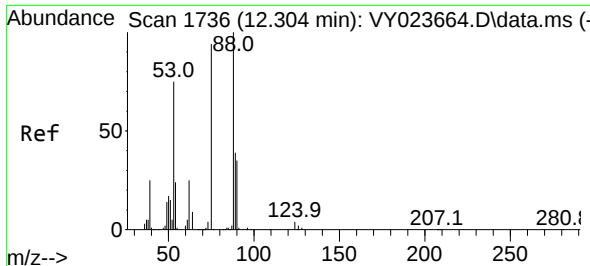
Tgt Ion: 91 Resp: 341687
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.924 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 105 Resp: 411072
Ion Ratio Lower Upper
105 100
120 50.2 25.4 76.2

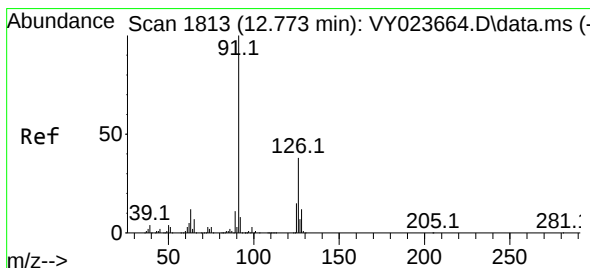
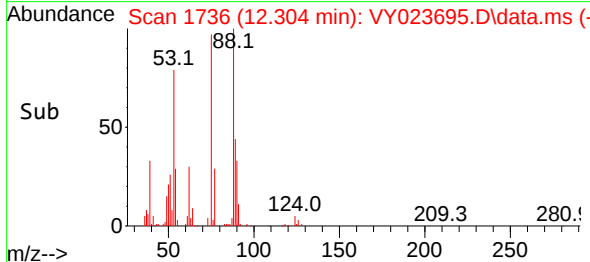
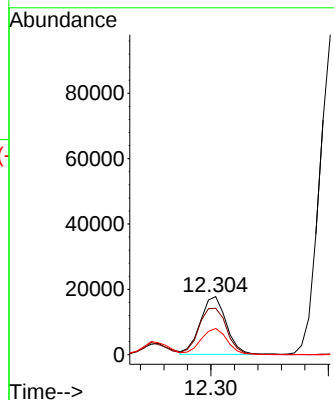
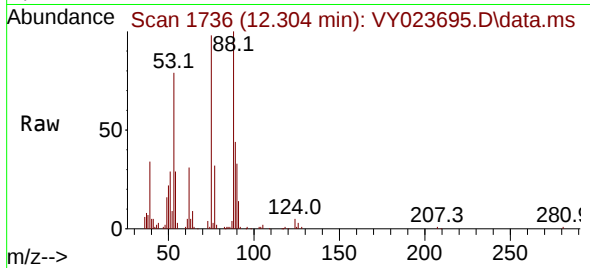




#81
trans-1,4-Dichloro-2-butene
Concen: 20.931 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

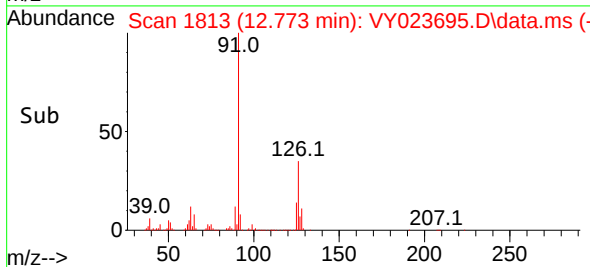
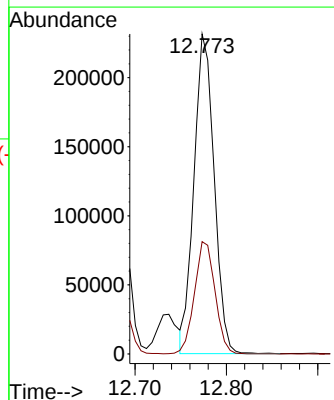
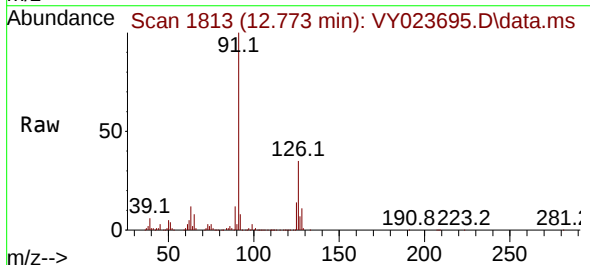
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

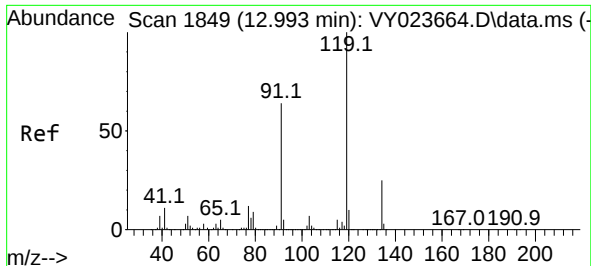
Tgt Ion: 75 Resp: 27099
Ion Ratio Lower Upper
75 100
53 87.5 69.6 104.4
89 46.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.852 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 91 Resp: 354923
Ion Ratio Lower Upper
91 100
126 35.9 18.1 54.4

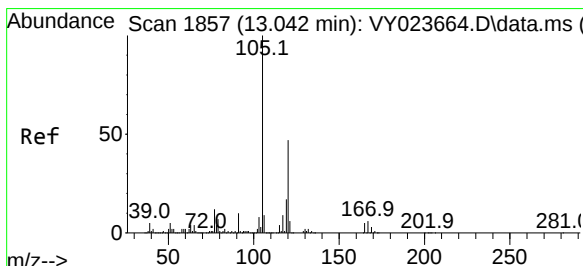
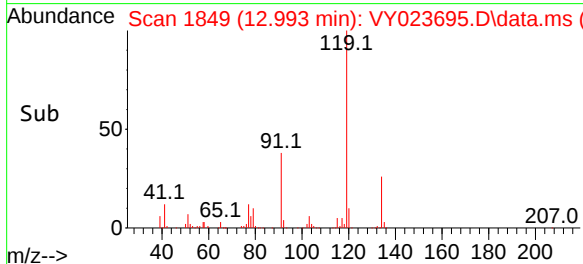
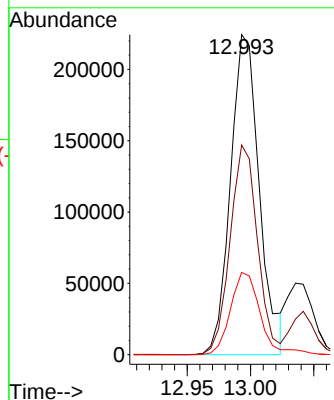
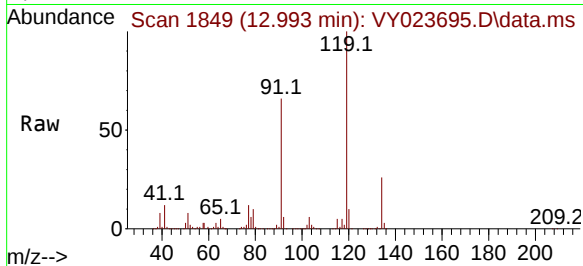




#83
 tert-Butylbenzene
 Concen: 19.882 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023695.D
 Acq: 06 Nov 2025 10:07

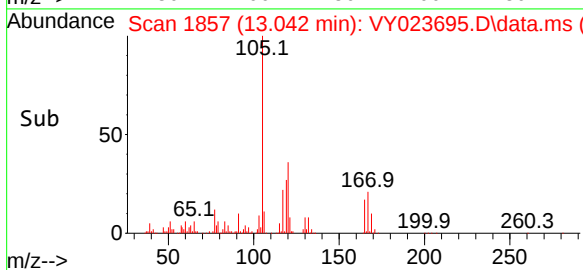
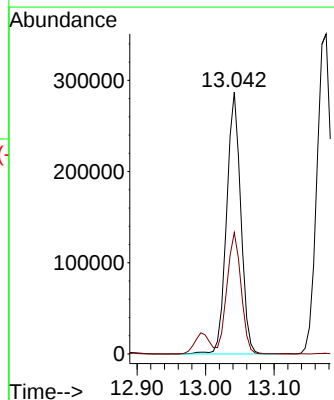
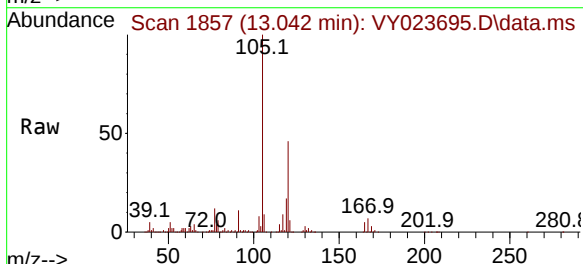
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBSD01

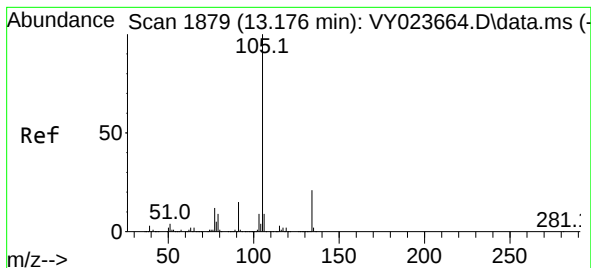
Tgt Ion:119 Resp: 355748
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.7 92.1
 134 26.5 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.055 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023695.D
 Acq: 06 Nov 2025 10:07

Tgt Ion:105 Resp: 409701
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.409 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

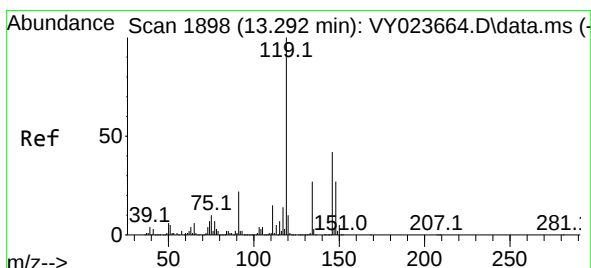
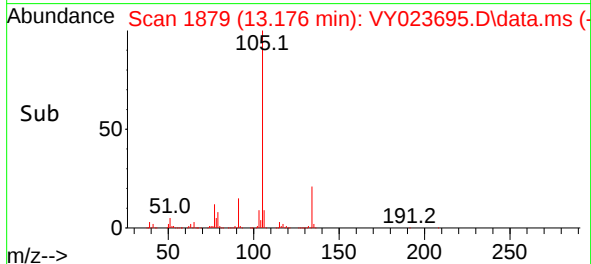
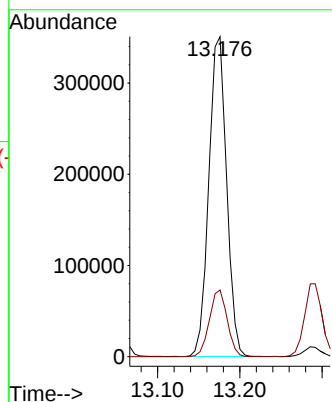
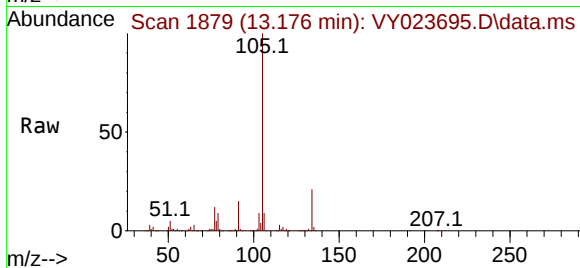
VY1106SBS01

Tgt Ion:105 Resp: 526700

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.424 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

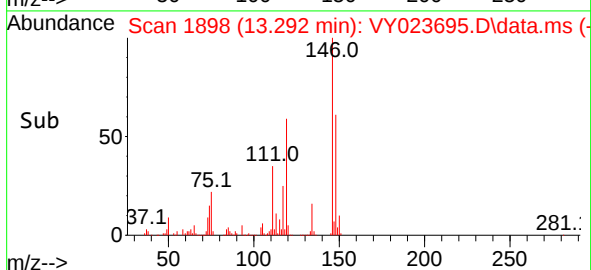
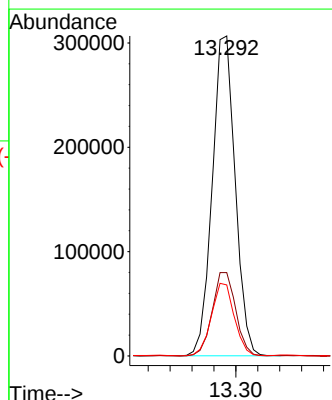
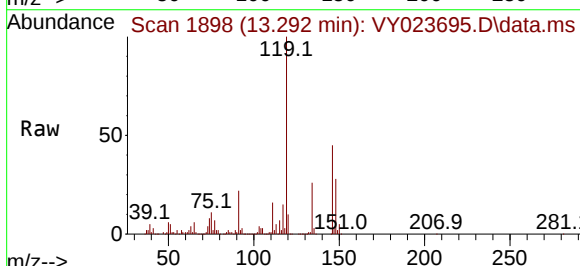
Tgt Ion:119 Resp: 446213

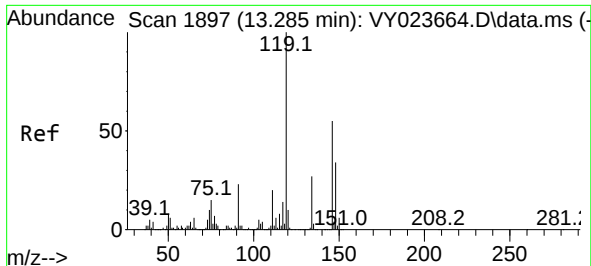
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.6 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.504 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

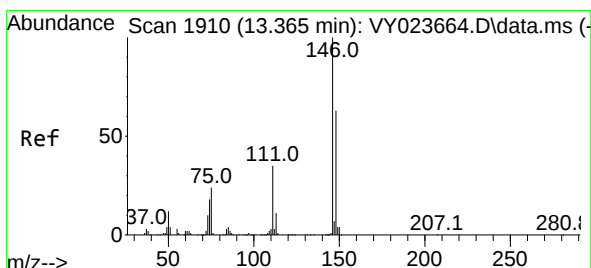
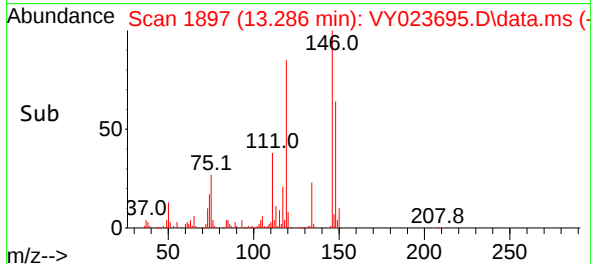
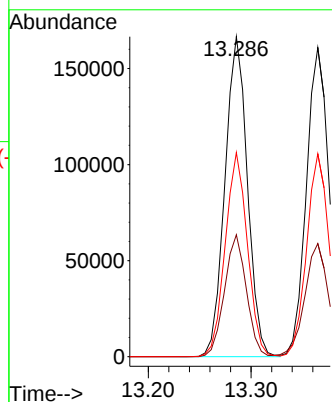
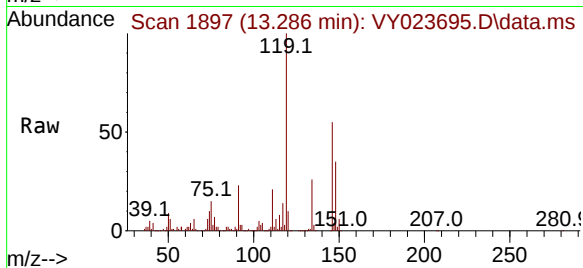
Tgt Ion:146 Resp: 253116

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.388 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

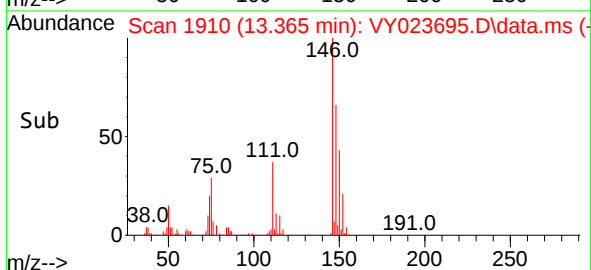
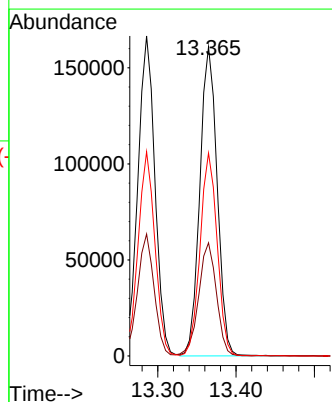
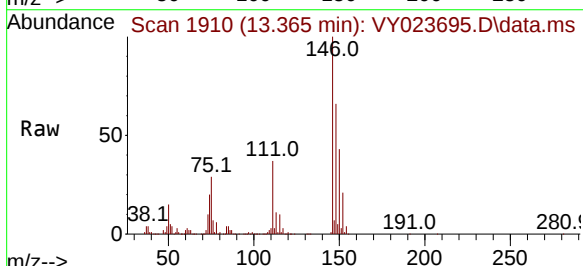
Tgt Ion:146 Resp: 247228

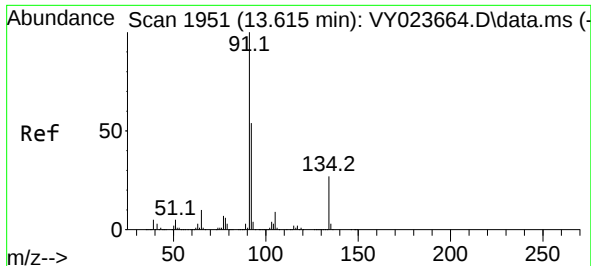
Ion Ratio Lower Upper

146 100

111 37.6 18.3 54.8

148 64.7 31.8 95.3

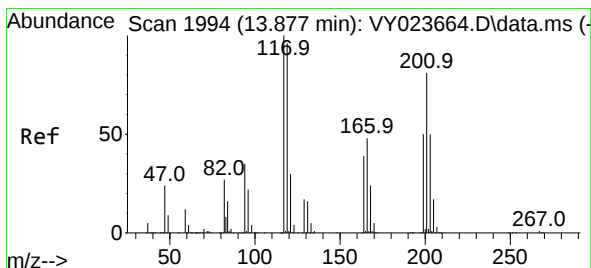
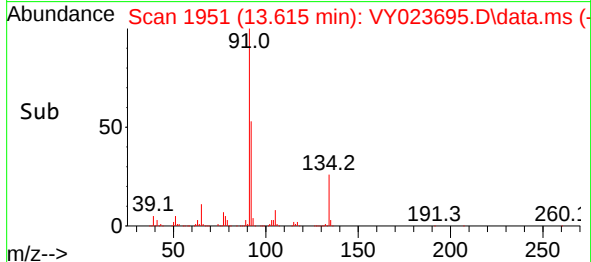
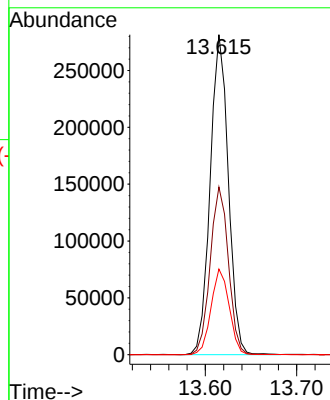
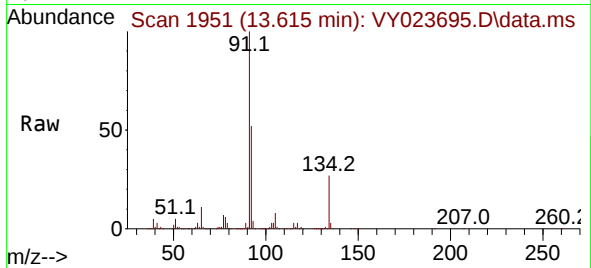




#89
n-Butylbenzene
Concen: 20.371 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

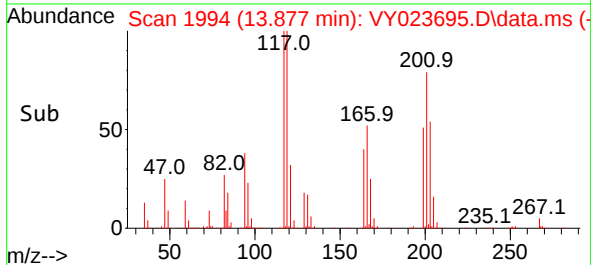
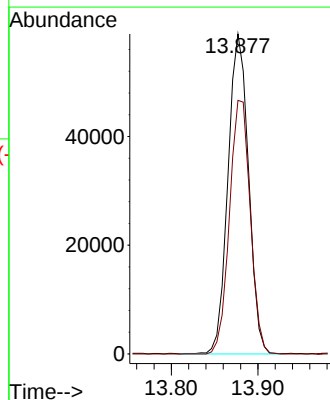
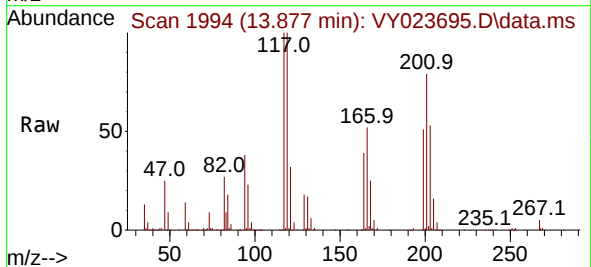
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

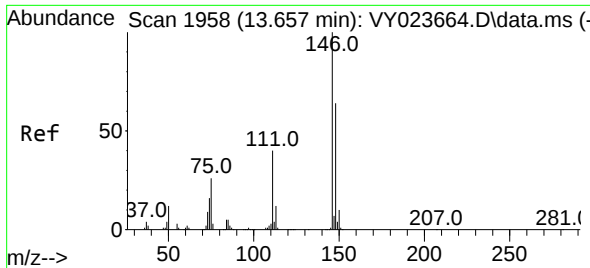
Tgt Ion: 91 Resp: 387010
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 26.8 13.7 41.1



#90
Hexachloroethane
Concen: 20.638 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023695.D
Acq: 06 Nov 2025 10:07

Tgt Ion: 117 Resp: 96893
Ion Ratio Lower Upper
117 100
201 80.2 42.3 126.8

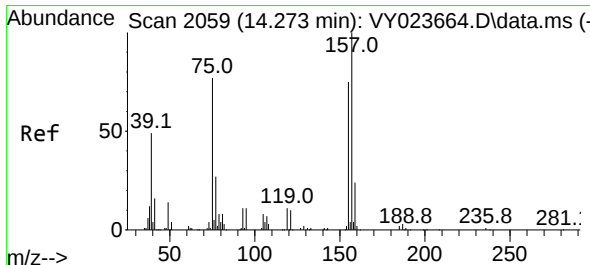
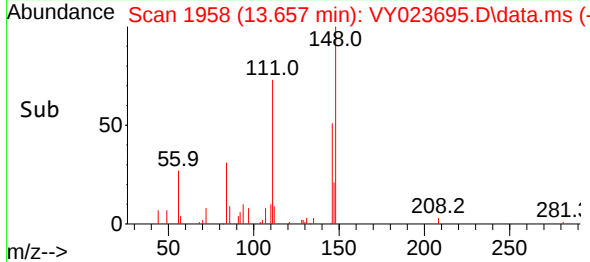
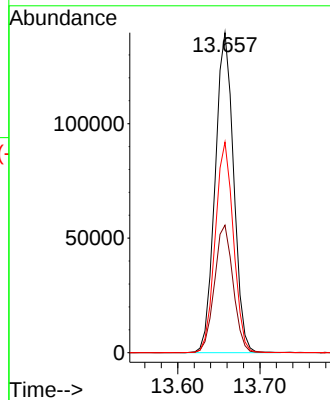
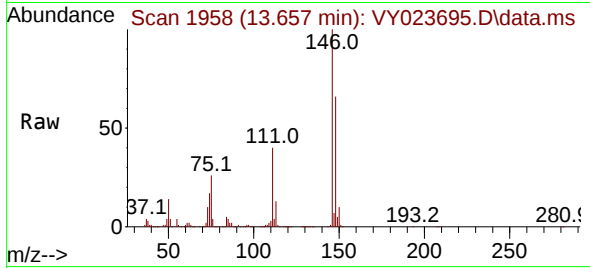




#91
 1,2-Dichlorobenzene
 Concen: 20.537 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023695.D
 Acq: 06 Nov 2025 10:07

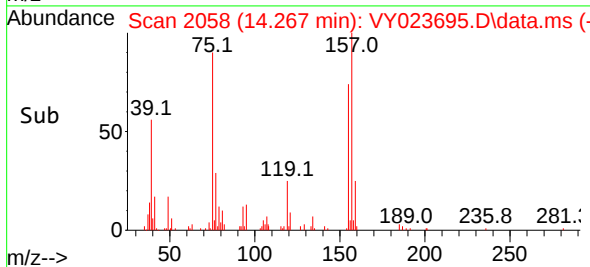
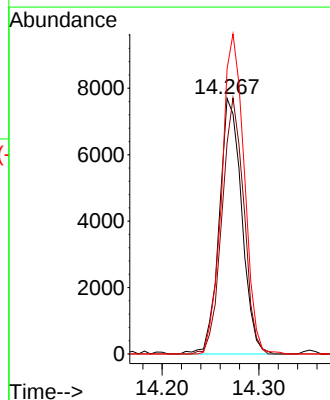
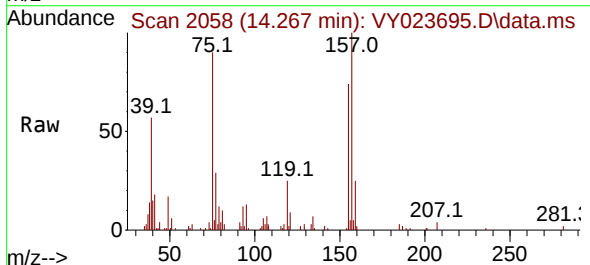
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

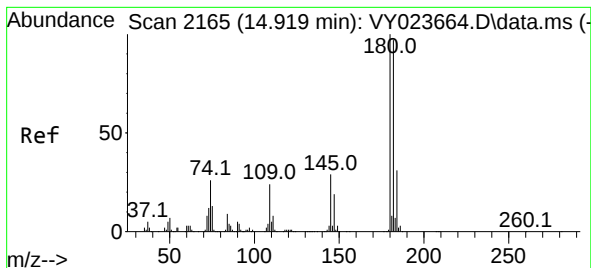
Tgt Ion:146 Resp: 218487
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.5 58.5
 148 64.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.846 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY023695.D
 Acq: 06 Nov 2025 10:07

Tgt Ion: 75 Resp: 12395
 Ion Ratio Lower Upper
 75 100
 155 96.7 49.4 148.2
 157 125.0 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 20.385 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

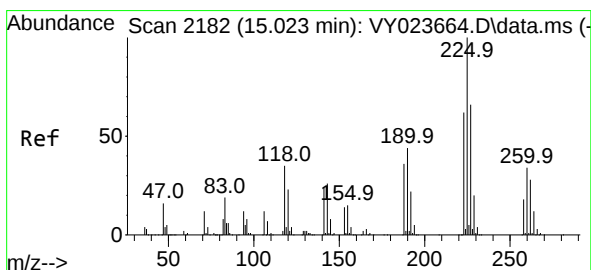
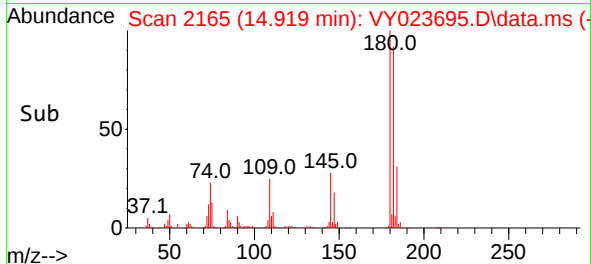
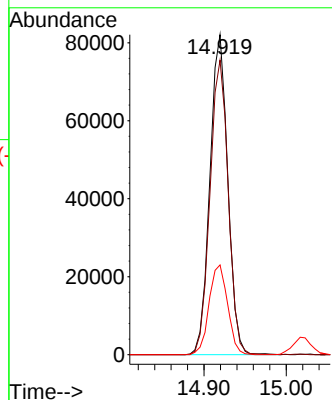
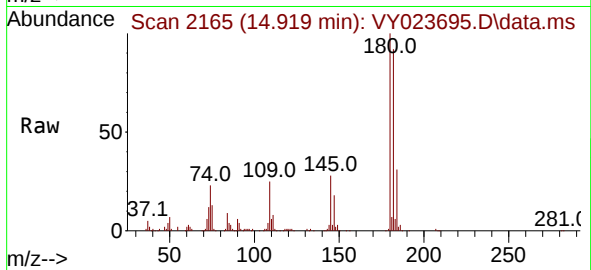
Tgt Ion:180 Resp: 124045

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.956 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

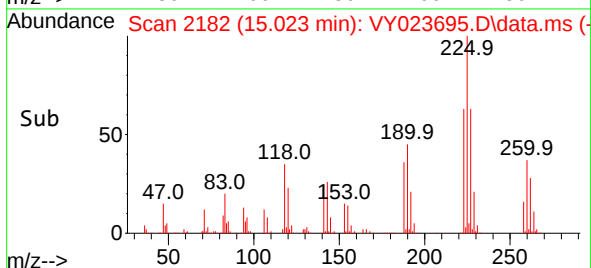
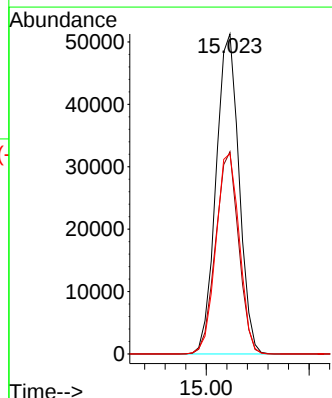
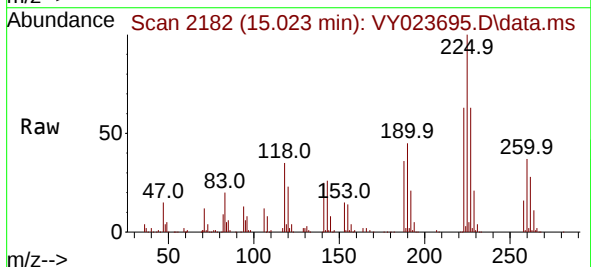
Tgt Ion:225 Resp: 79566

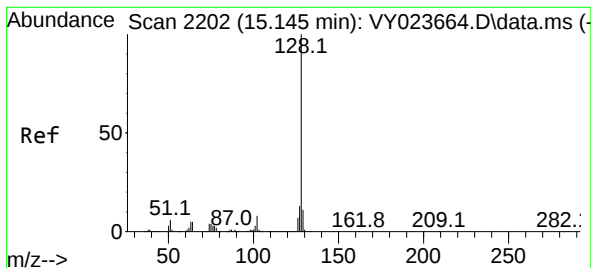
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 63.9 32.0 96.2





#95

Naphthalene

Concen: 20.493 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

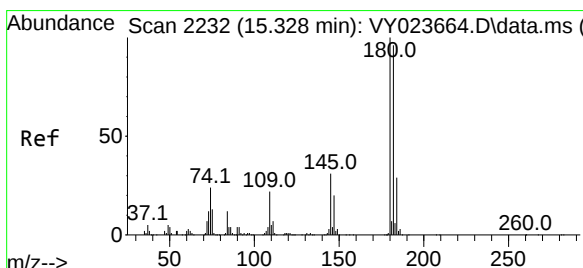
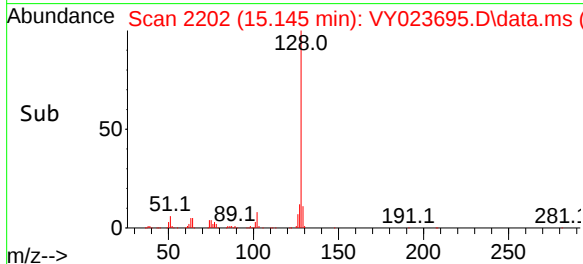
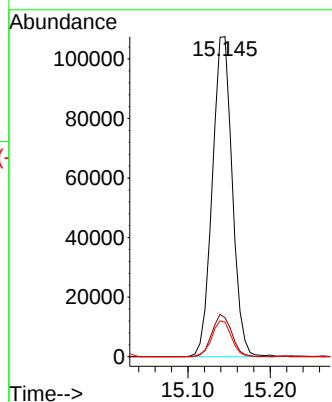
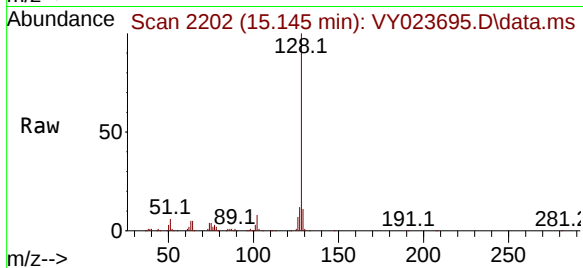
Tgt Ion:128 Resp: 181092

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.682 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023695.D

Acq: 06 Nov 2025 10:07

Tgt Ion:180 Resp: 105148

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 31.1 15.5 46.5

