

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023847.D
 Acq On : 01 Dec 2025 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 02 03:19:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	447738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	729750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	652343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	335536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	210153	48.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.640	113	207697	48.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.109	98	829442	48.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.408	95	274629	48.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	131256	38.899	ug/l	97
3) Chloromethane	2.074	50	210764	40.829	ug/l	99
4) Vinyl Chloride	2.214	62	235867	42.238	ug/l	98
5) Bromomethane	2.604	94	171916	43.641	ug/l	97
6) Chloroethane	2.745	64	167623	46.059	ug/l	100
7) Trichlorofluoromethane	3.068	101	325896	43.166	ug/l	98
8) Diethyl Ether	3.458	74	107739	45.309	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	199137	45.193	ug/l	99
10) Methyl Iodide	4.013	142	204322	42.316	ug/l	100
11) Tert butyl alcohol	4.860	59	57331	160.094	ug/l	97
12) 1,1-Dichloroethene	3.799	96	193285	44.588	ug/l	98
13) Acrolein	3.659	56	107810	209.421	ug/l	99
14) Allyl chloride	4.391	41	328947	47.899	ug/l	98
15) Acrylonitrile	5.061	53	234863	228.846	ug/l	99
16) Acetone	3.872	43	232802	185.313	ug/l	97
17) Carbon Disulfide	4.116	76	531216	37.971	ug/l	99
18) Methyl Acetate	4.391	43	120273	49.575	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	515842	46.564	ug/l	98
20) Methylene Chloride	4.622	84	229951	43.297	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	220154	45.869	ug/l	98
22) Diisopropyl ether	6.024	45	771367	51.946	ug/l	98
23) Vinyl Acetate	5.964	43	1929686	233.689	ug/l	99
24) 1,1-Dichloroethane	5.921	63	433358	49.609	ug/l	98
25) 2-Butanone	6.896	43	305689	199.389	ug/l	100
26) 2,2-Dichloropropane	6.890	77	326551	42.173	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	270546	48.540	ug/l	99
28) Bromochloromethane	7.250	49	178541	49.135	ug/l	97
29) Tetrahydrofuran	7.268	42	192111	224.665	ug/l	97
30) Chloroform	7.427	83	441898	50.308	ug/l	100
31) Cyclohexane	7.707	56	349945	41.745	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	377245	48.383	ug/l	99
36) 1,1-Dichloropropene	7.841	75	297252	44.847	ug/l	100
37) Ethyl Acetate	6.988	43	134752	43.222	ug/l	99
38) Carbon Tetrachloride	7.823	117	331392	45.549	ug/l	99
39) Methylcyclohexane	9.109	83	369959	42.263	ug/l	99
40) Benzene	8.085	78	962435	47.184	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	71959	46.232	ug/l	96
42) 1,2-Dichloroethane	8.158	62	249714	47.488	ug/l	99
43) Isopropyl Acetate	8.201	43	261284	44.846	ug/l	99
44) Trichloroethene	8.865	130	248870	47.554	ug/l	97
45) 1,2-Dichloropropane	9.146	63	236487	49.175	ug/l	98
46) Dibromomethane	9.231	93	121543	46.576	ug/l	99
47) Bromodichloromethane	9.426	83	335239	49.156	ug/l	98
48) Methyl methacrylate	9.225	41	122803	44.768	ug/l	96
49) 1,4-Dioxane	9.231	88	24745	846.099	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	689273	224.731	ug/l	98
52) Toluene	10.170	92	608980	48.160	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	288852	46.237	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	349871	46.787	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	166917	47.750	ug/l	99
56) Ethyl methacrylate	10.444	69	211727	46.128	ug/l	98
57) 1,3-Dichloropropane	10.719	76	291822	47.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	524954	238.074	ug/l	100
59) 2-Hexanone	10.761	43	461630	203.536	ug/l	99
60) Dibromochloromethane	10.914	129	225415	48.054	ug/l	98
61) 1,2-Dibromoethane	11.018	107	149535	46.085	ug/l	98
64) Tetrachloroethene	10.652	164	319597	51.644	ug/l	97
65) Chlorobenzene	11.444	112	665068	46.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	231195	47.526	ug/l	99
67) Ethyl Benzene	11.517	91	1160113	47.432	ug/l	100
68) m/p-Xylenes	11.627	106	899744	95.464	ug/l	99
69) o-Xylene	11.956	106	422198	47.782	ug/l	99
70) Styrene	11.969	104	705730	48.485	ug/l	99
71) Bromoform	12.133	173	127435	44.910	ug/l	100
73) Isopropylbenzene	12.255	105	1118434	46.966	ug/l	100
74) N-amyl acetate	12.072	43	223669	42.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	152745	38.959	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	234401	80.333	ug/l #	100
77) Bromobenzene	12.536	156	253818	45.315	ug/l	99
78) n-propylbenzene	12.596	91	1335472	46.579	ug/l	99
79) 2-Chlorotoluene	12.682	91	765194	46.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	913368	46.983	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	57217	41.448	ug/l	97
82) 4-Chlorotoluene	12.779	91	787868	46.491	ug/l	100
83) tert-Butylbenzene	12.999	119	806306	46.169	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	911928	46.938	ug/l	100
85) sec-Butylbenzene	13.176	105	1207562	46.842	ug/l	99
86) p-Isopropyltoluene	13.291	119	999259	46.374	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	508226	45.273	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	496543	44.314	ug/l	100
89) n-Butylbenzene	13.621	91	890707	45.082	ug/l	99
90) Hexachloroethane	13.883	117	209699	46.319	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	447558	45.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25925	39.504	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	244258	41.732	ug/l	98
94) Hexachlorobutadiene	15.023	225	154861	42.485	ug/l	99
95) Naphthalene	15.145	128	408305	41.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	211509	42.430	ug/l	99

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QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

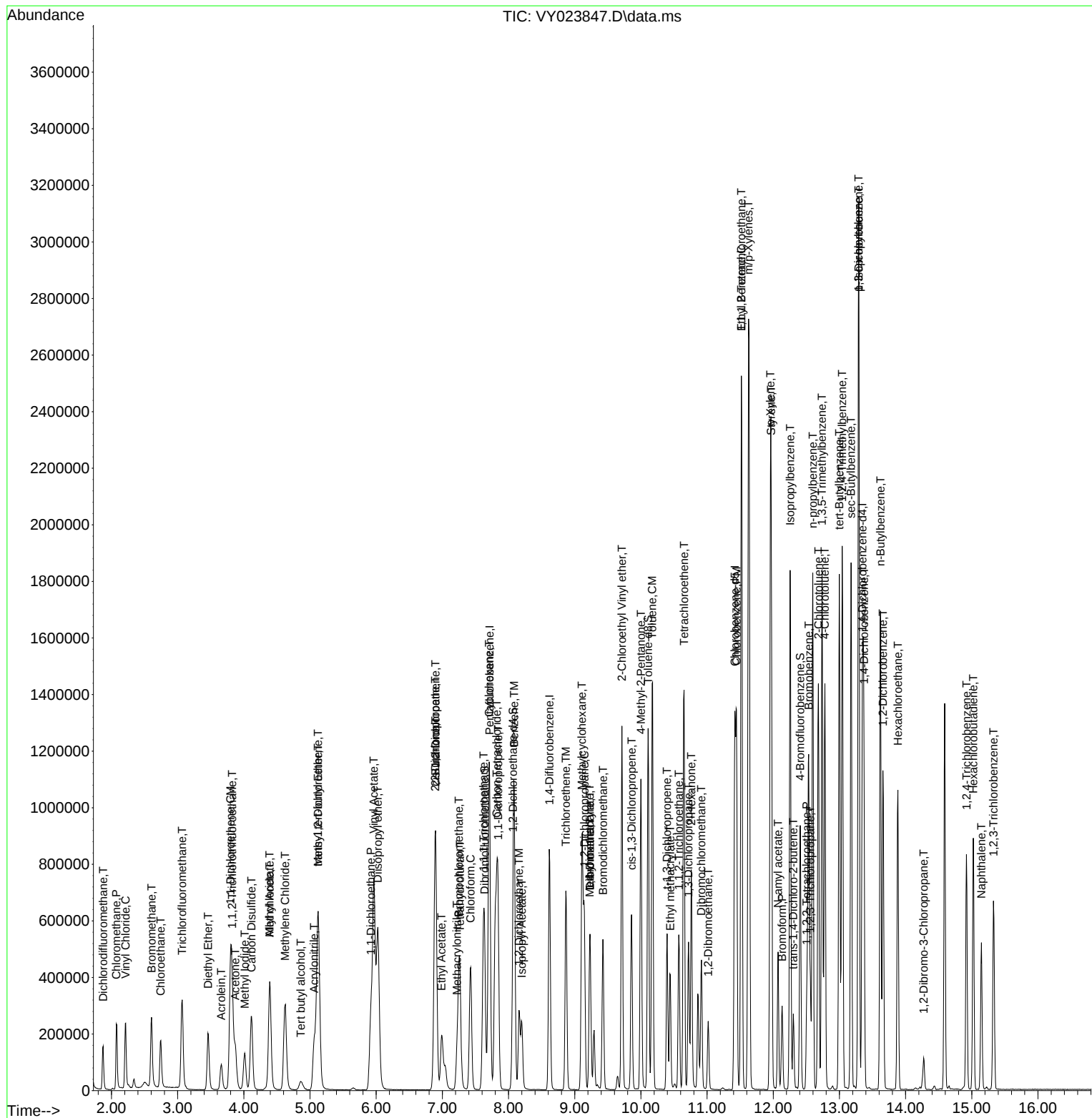
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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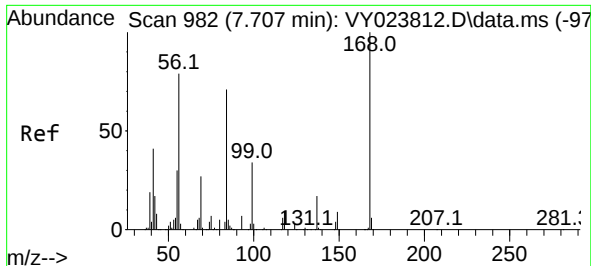
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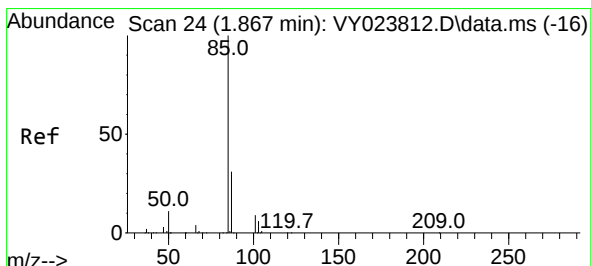
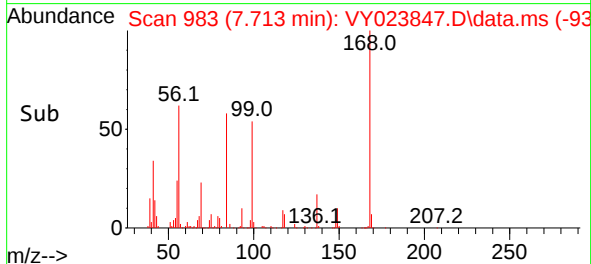
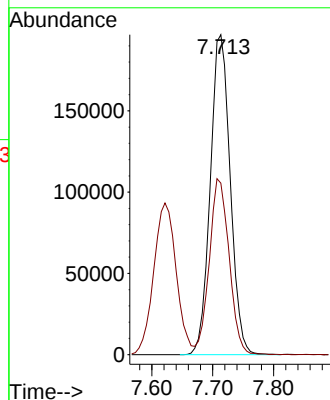
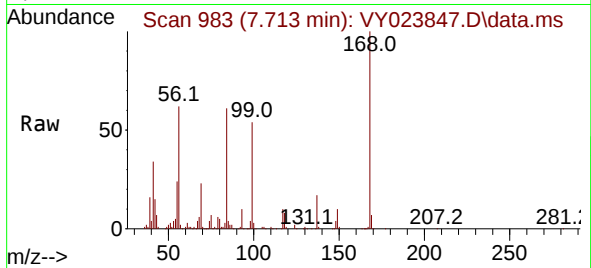




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023847.D
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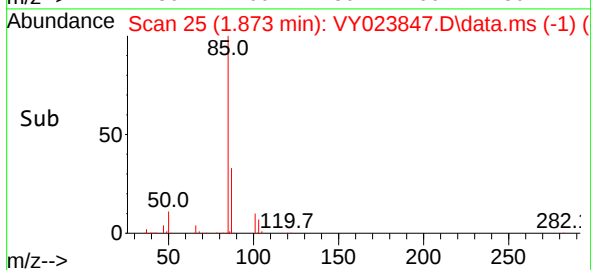
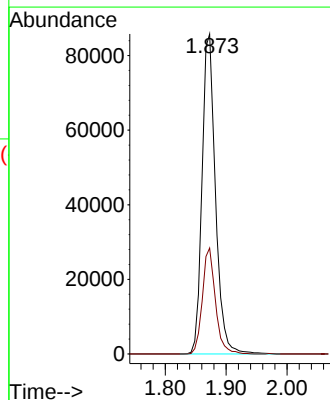
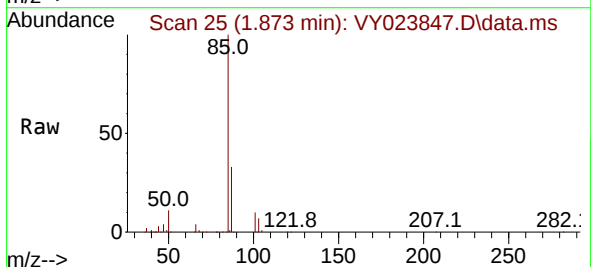
Instrument :
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ClientSampleId :
VSTDCCC050EC

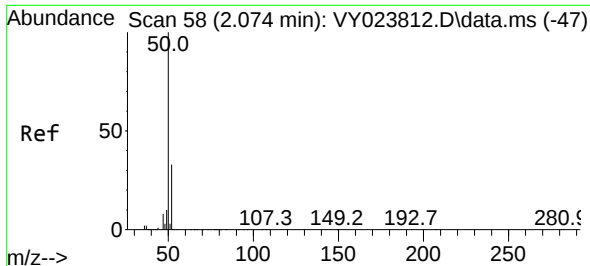
Tgt Ion:168 Resp: 447738
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 38.899 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 85 Resp: 131256
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1

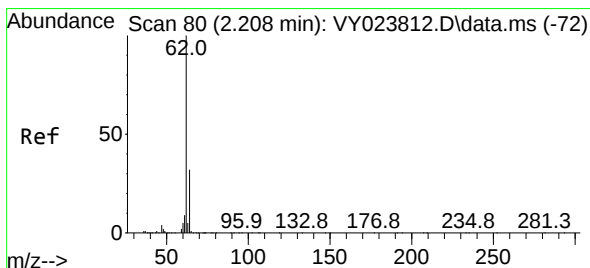
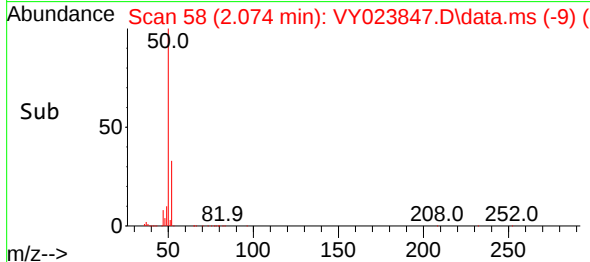
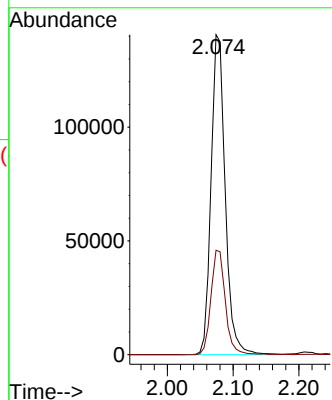
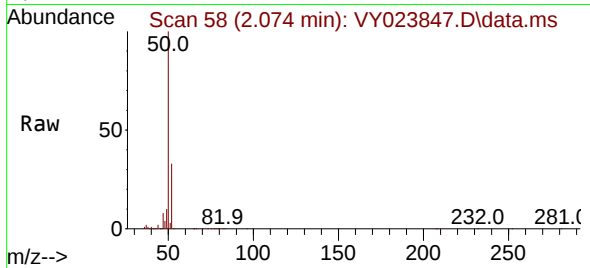




#3
Chloromethane
Concen: 40.829 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

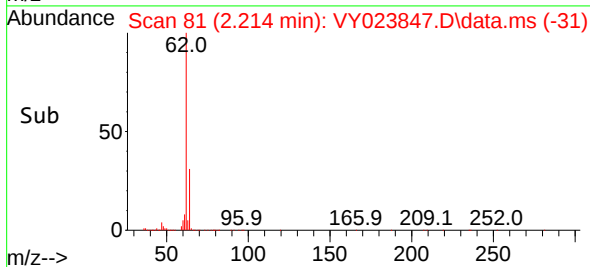
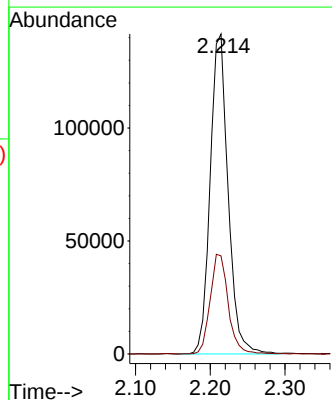
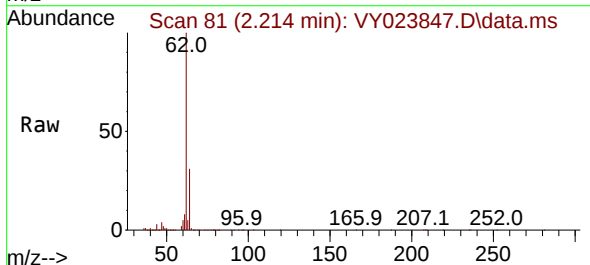
Instrument :
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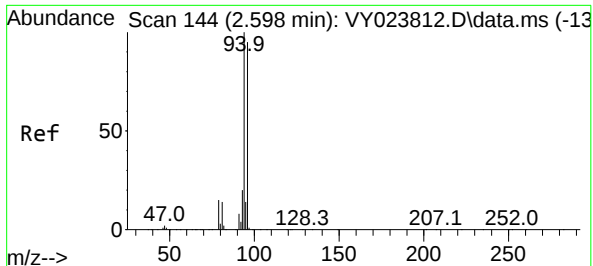
Tgt Ion: 50 Resp: 210764
Ion Ratio Lower Upper
50 100
52 32.7 26.6 39.8



#4
Vinyl Chloride
Concen: 42.238 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 62 Resp: 235867
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0

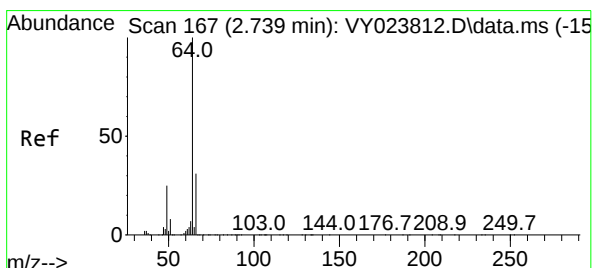
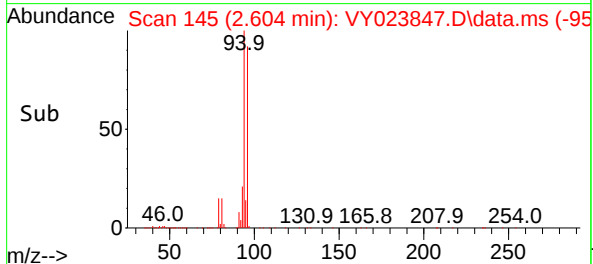
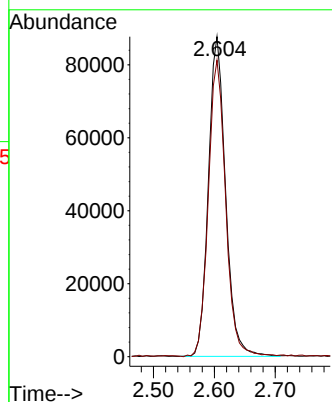
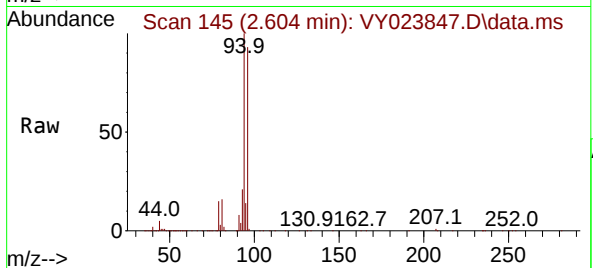




#5
Bromomethane
Concen: 43.641 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023847.D
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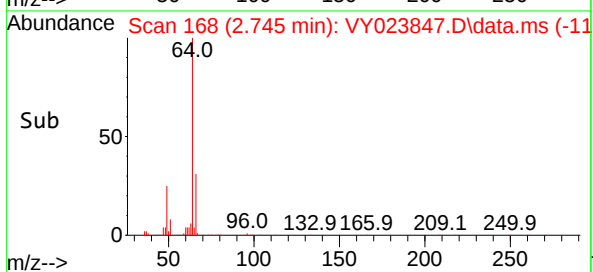
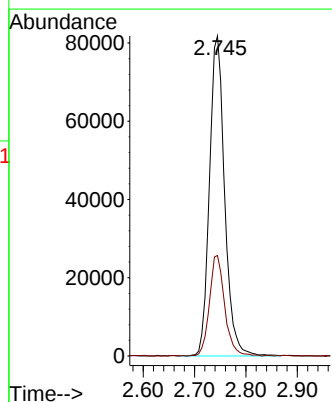
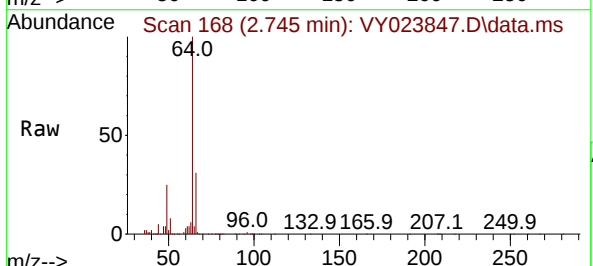
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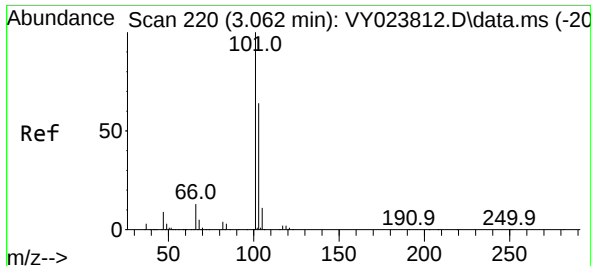
Tgt Ion: 94 Resp: 171916
Ion Ratio Lower Upper
94 100
96 92.6 76.1 114.1



#6
Chloroethane
Concen: 46.059 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023847.D
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Tgt Ion: 64 Resp: 167623
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

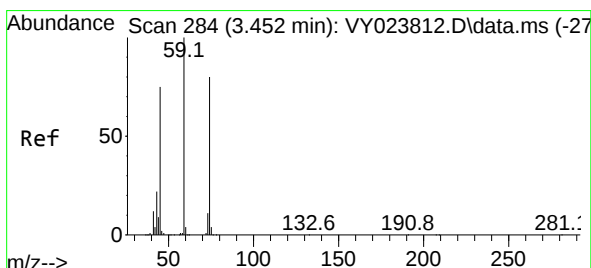
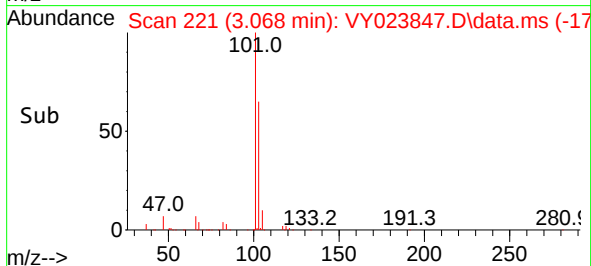
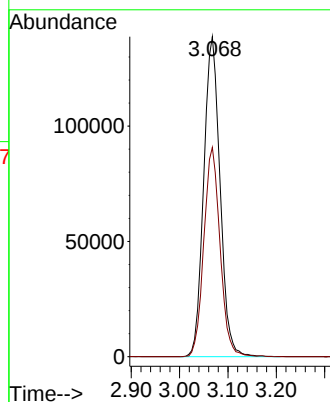
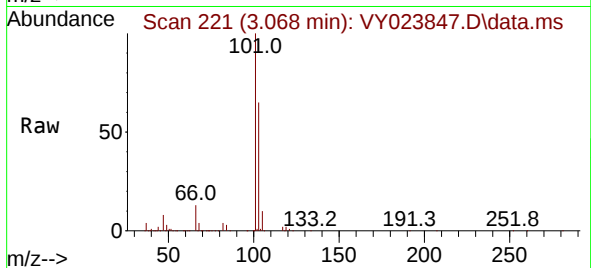




#7
Trichlorofluoromethane
Concen: 43.166 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

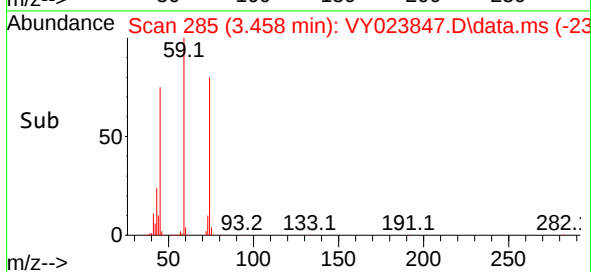
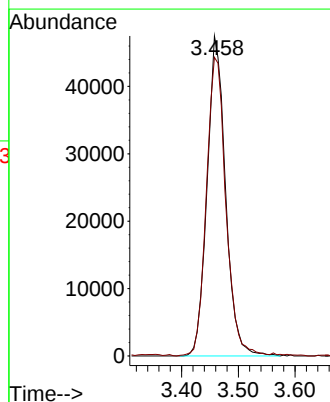
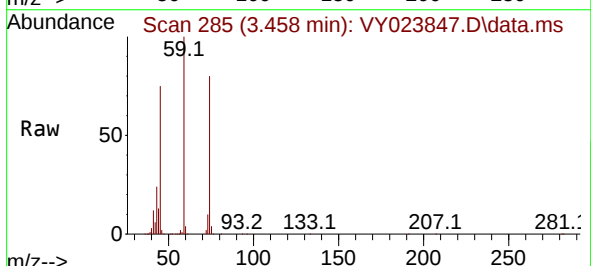
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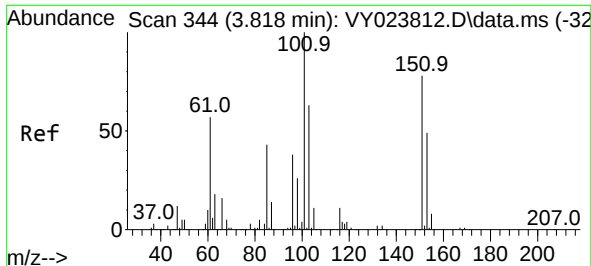
Tgt Ion:101 Resp: 325896
Ion Ratio Lower Upper
101 100
103 65.4 50.8 76.2



#8
Diethyl Ether
Concen: 45.309 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 74 Resp: 107739
Ion Ratio Lower Upper
74 100
45 98.6 47.0 141.0

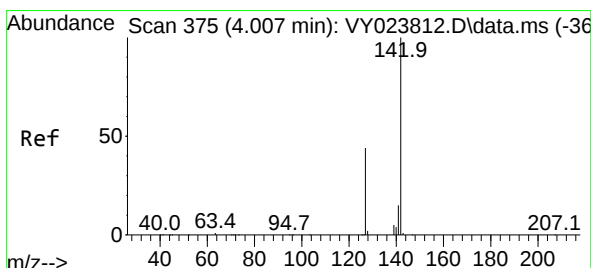
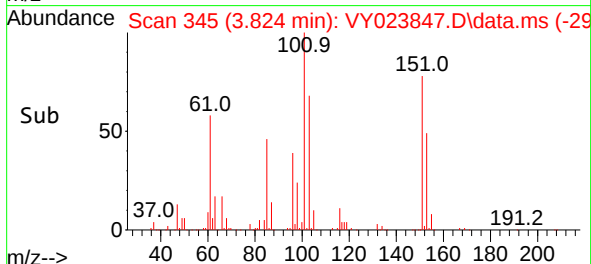
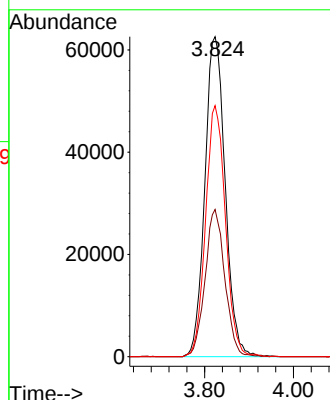
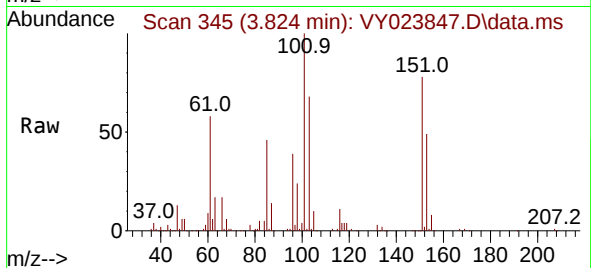




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.193 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

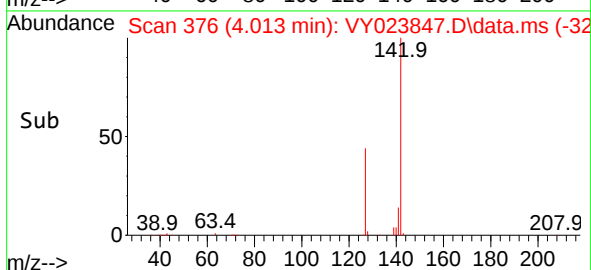
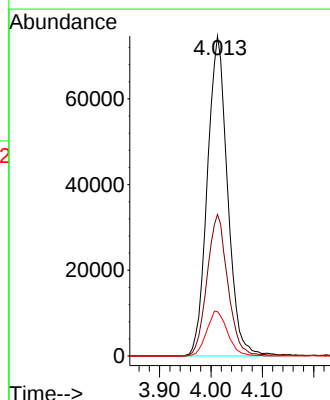
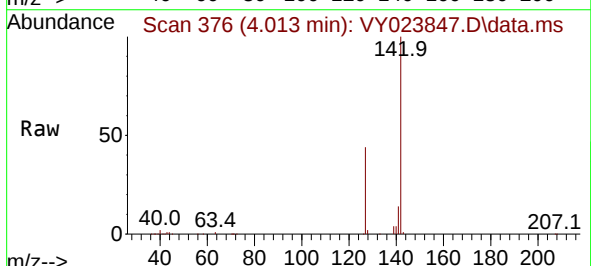
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

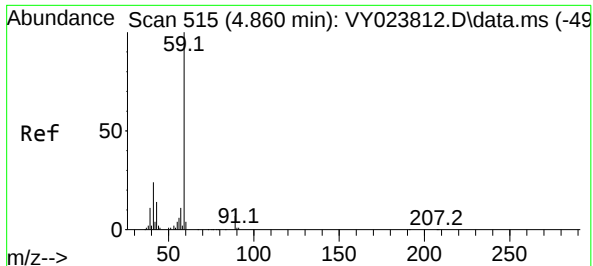
Tgt Ion:101 Resp: 199137
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.8
151 76.6 62.8 94.2



#10
Methyl Iodide
Concen: 42.316 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion:142 Resp: 204322
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 160.094 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

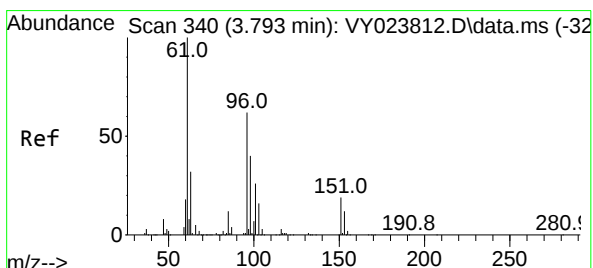
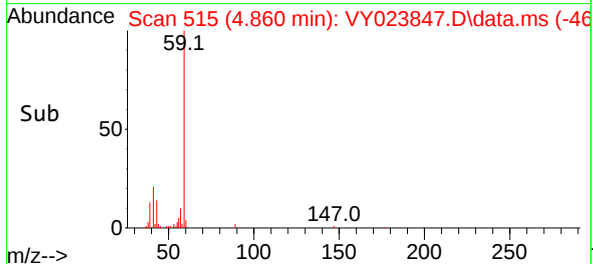
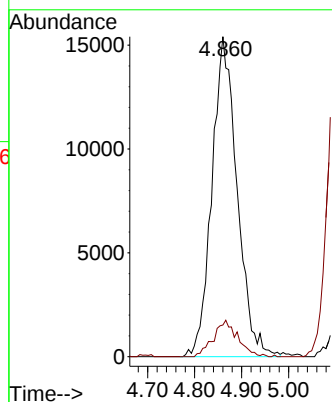
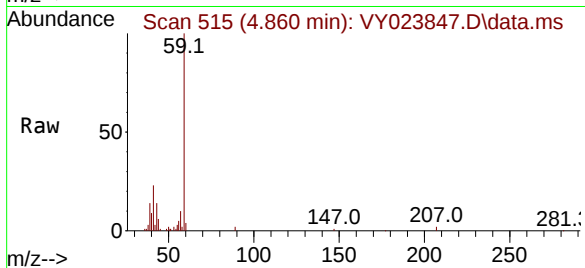
VSTDCCC050EC

Tgt Ion: 59 Resp: 57331

Ion Ratio Lower Upper

59 100

57 11.0 8.0 12.0



#12

1,1-Dichloroethene

Concen: 44.588 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

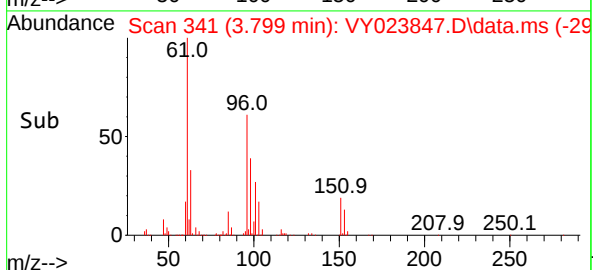
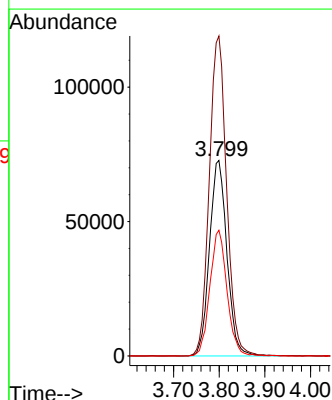
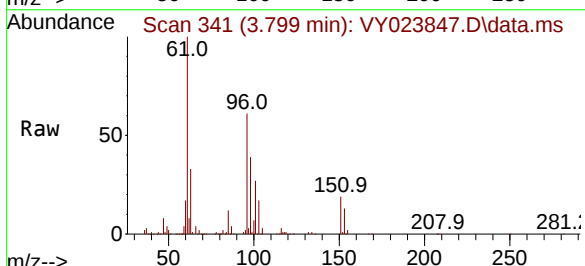
Tgt Ion: 96 Resp: 193285

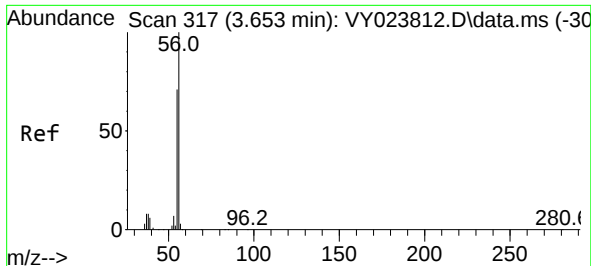
Ion Ratio Lower Upper

96 100

61 163.7 128.9 193.3

98 64.4 51.8 77.6

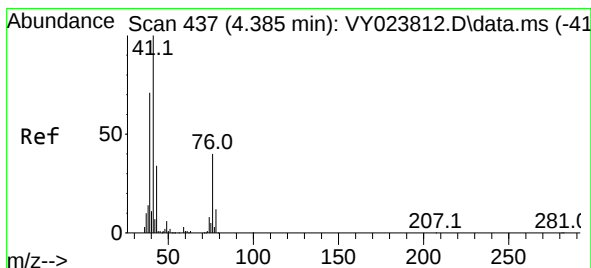
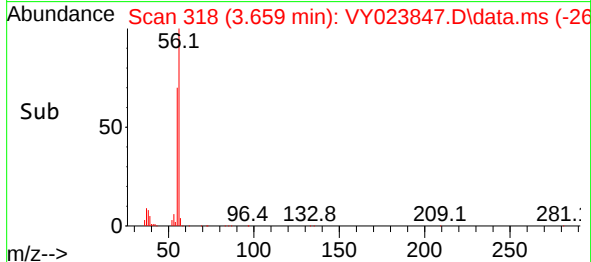
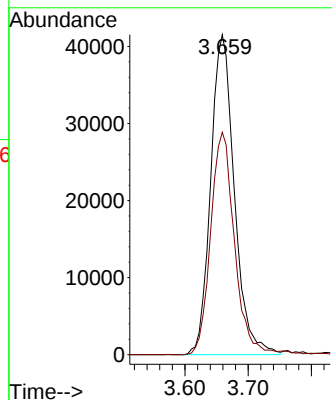
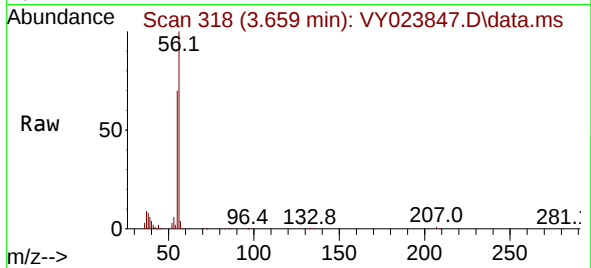




#13
Acrolein
Concen: 209.421 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

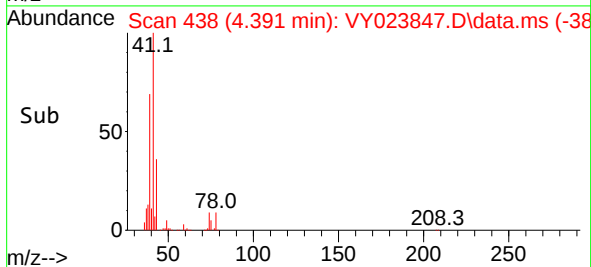
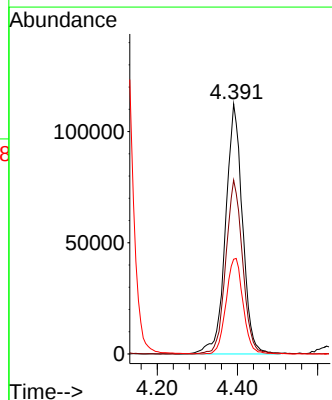
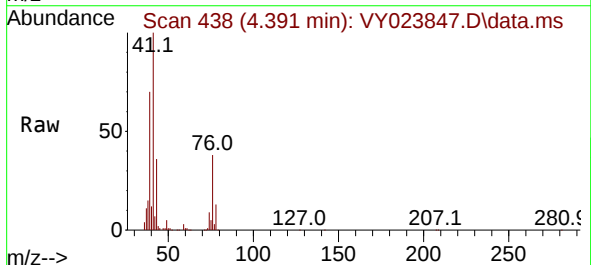
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

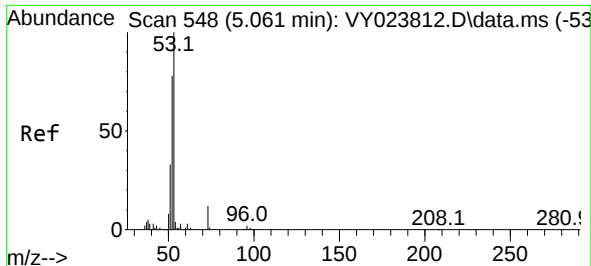
Tgt Ion: 56 Resp: 107810
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7



#14
Allyl chloride
Concen: 47.899 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 41 Resp: 328947
Ion Ratio Lower Upper
41 100
39 69.2 54.1 81.1
76 38.3 31.0 46.6

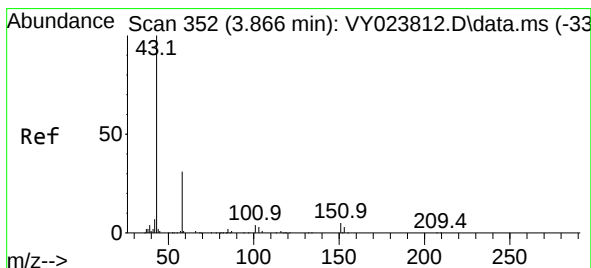
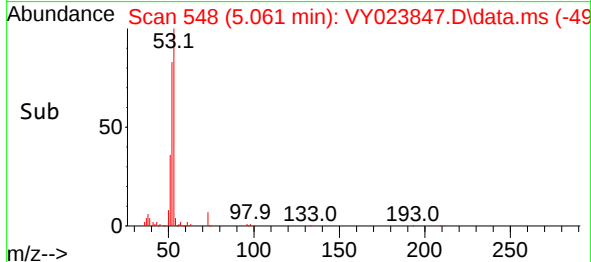
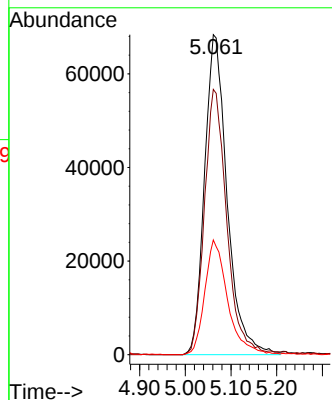
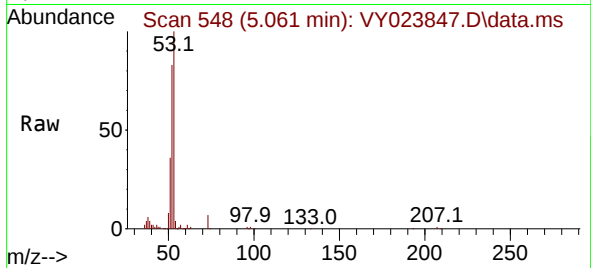




#15
Acrylonitrile
Concen: 228.846 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

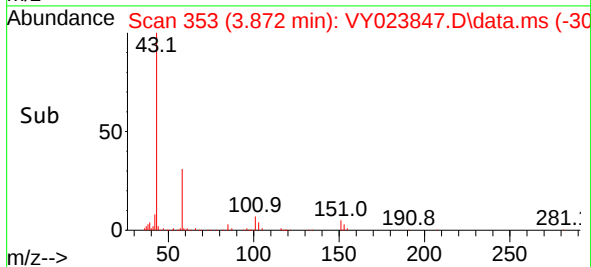
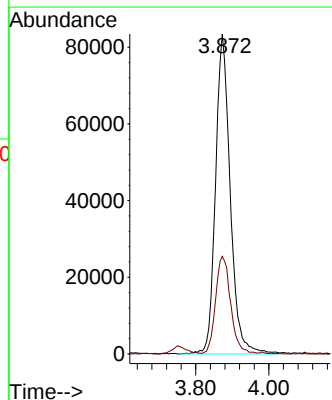
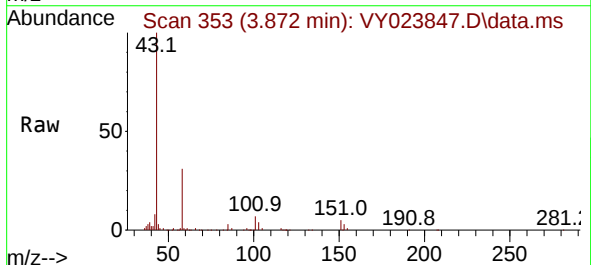
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

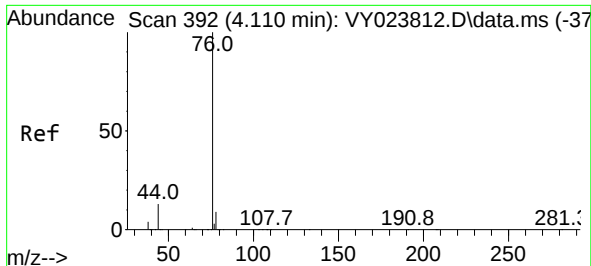
Tgt Ion: 53 Resp: 234863
Ion Ratio Lower Upper
53 100
52 81.5 64.0 96.0
51 36.3 28.7 43.1



#16
Acetone
Concen: 185.313 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 43 Resp: 232802
Ion Ratio Lower Upper
43 100
58 30.3 25.4 38.2

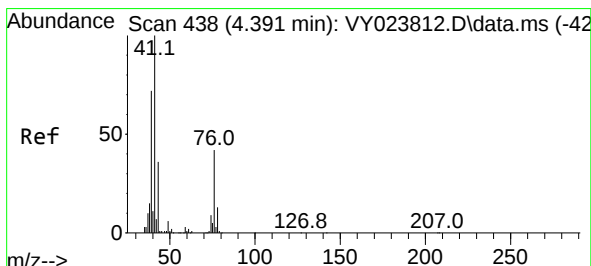
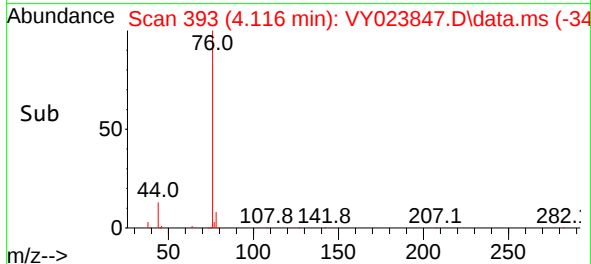
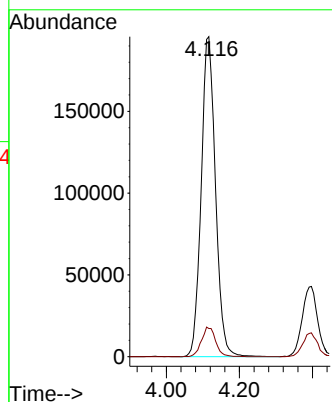
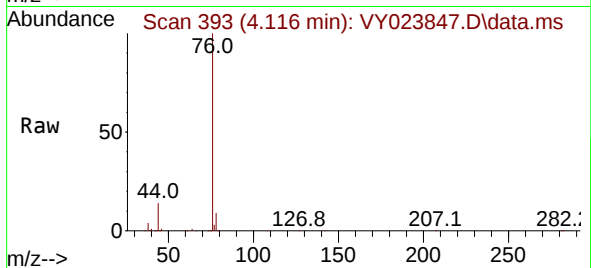




#17
Carbon Disulfide
Concen: 37.971 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

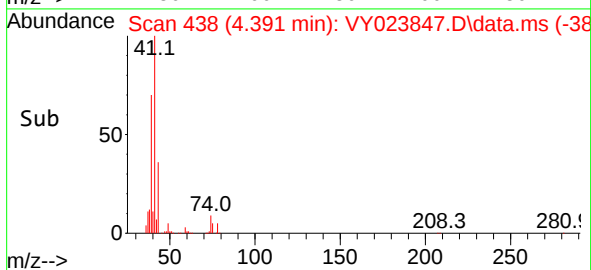
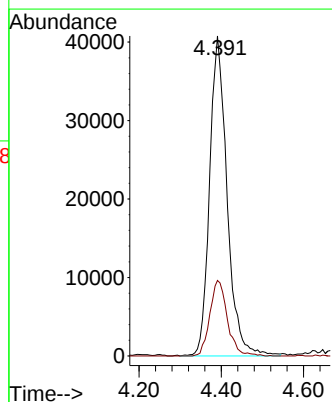
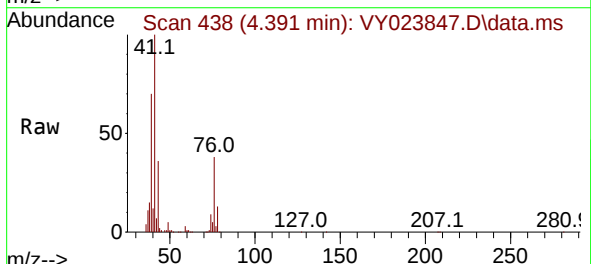
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

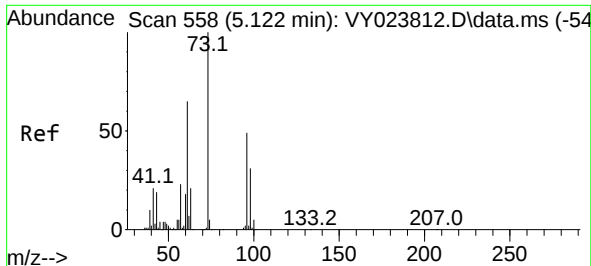
Tgt Ion: 76 Resp: 531216
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 49.575 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 43 Resp: 120273
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 46.564 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

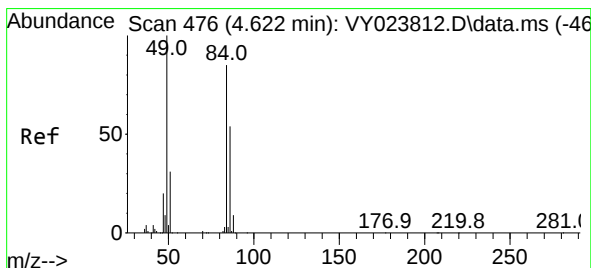
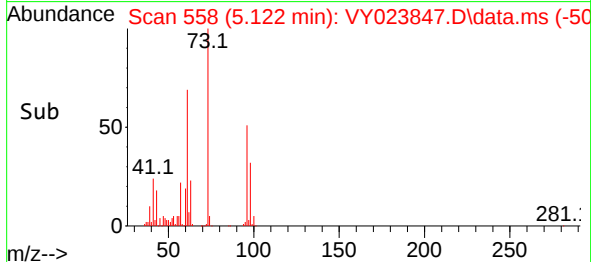
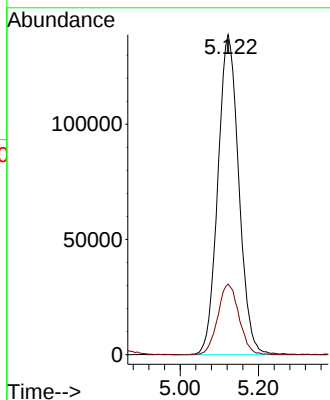
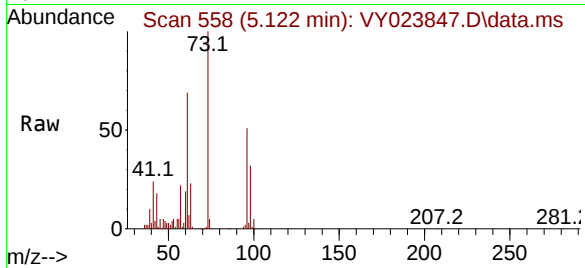
VSTDCCC050EC

Tgt Ion: 73 Resp: 515842

Ion Ratio Lower Upper

73 100

57 22.1 18.4 27.6



#20

Methylene Chloride

Concen: 43.297 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion: 84 Resp: 229951

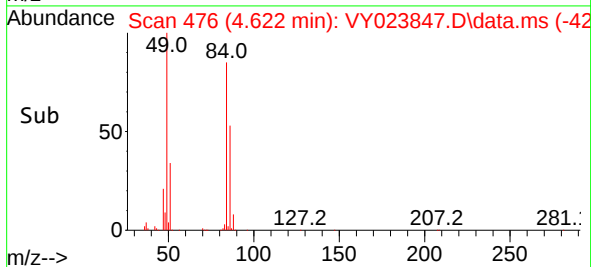
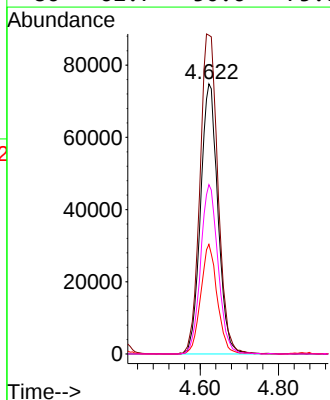
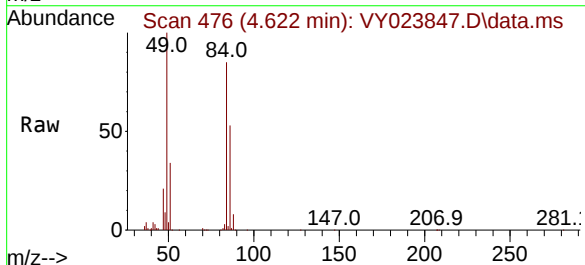
Ion Ratio Lower Upper

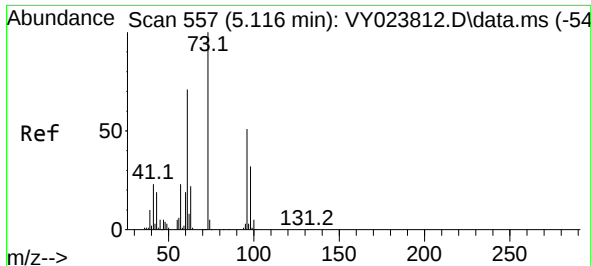
84 100

49 118.1 94.0 141.0

51 40.6 29.2 43.8

86 62.7 50.6 75.8

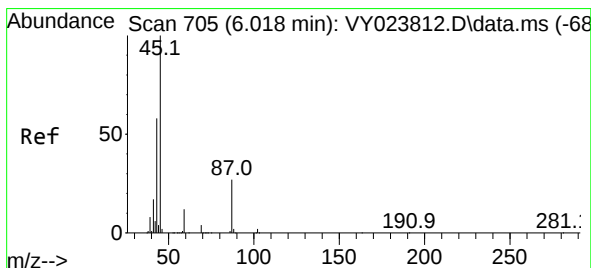
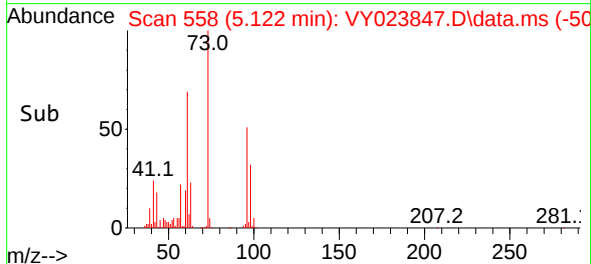
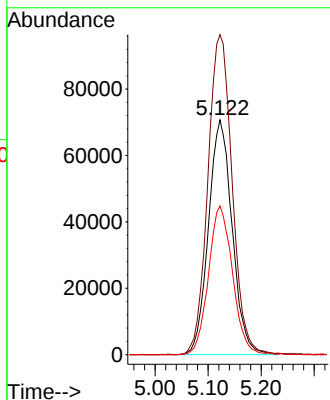
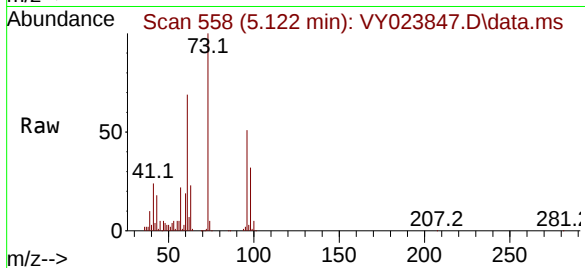




#21
trans-1,2-Dichloroethene
Concen: 45.869 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

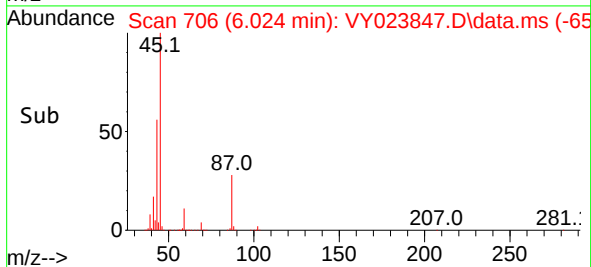
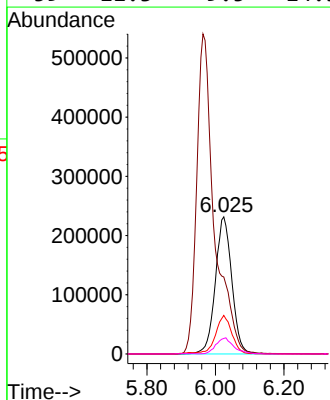
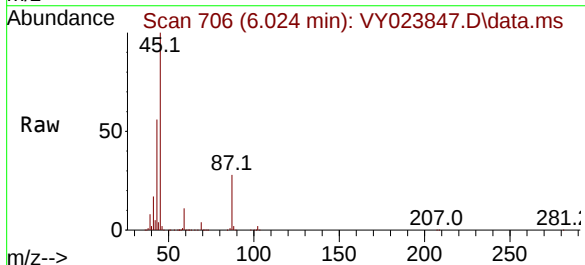
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

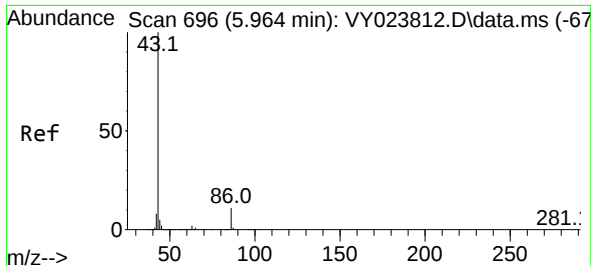
Tgt Ion: 96 Resp: 220154
Ion Ratio Lower Upper
96 100
61 136.3 111.2 166.8
98 63.3 50.5 75.7



#22
Diisopropyl ether
Concen: 51.946 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 45 Resp: 771367
Ion Ratio Lower Upper
45 100
43 56.1 46.4 69.6
87 28.2 22.1 33.1
59 11.3 9.5 14.3

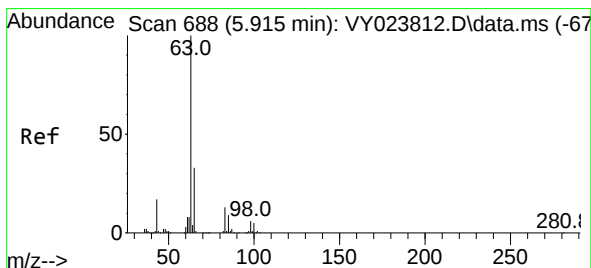
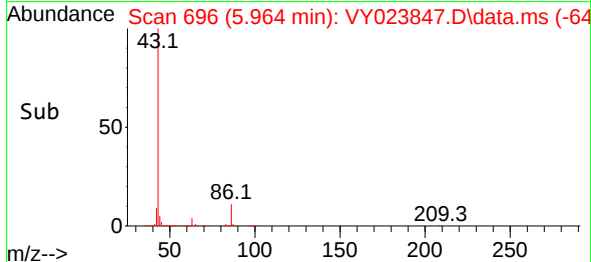
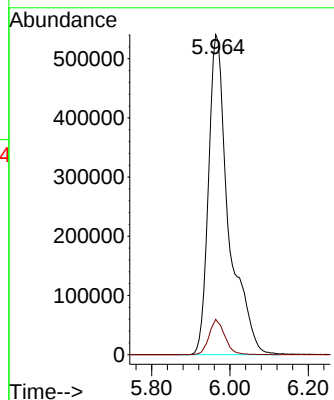
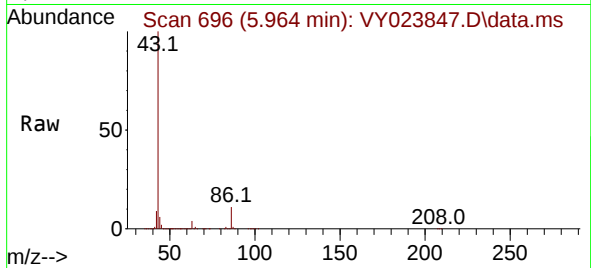




#23
 Vinyl Acetate
 Concen: 233.689 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

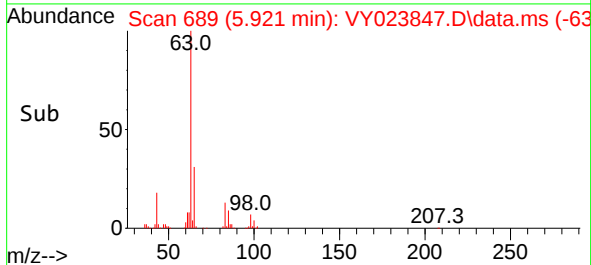
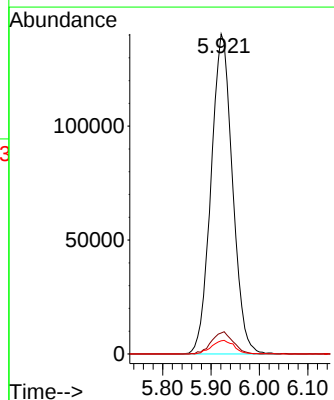
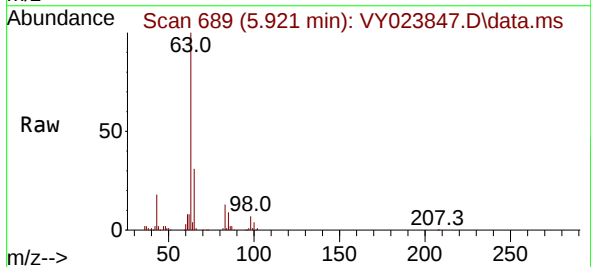
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

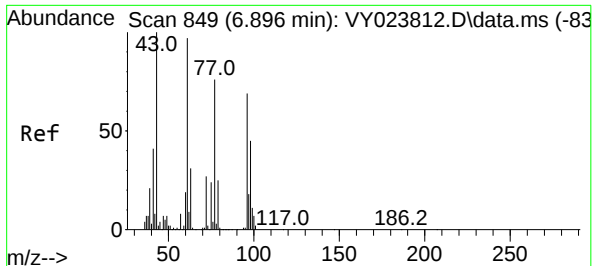
Tgt Ion: 43 Resp: 1929686
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.609 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

Tgt Ion: 63 Resp: 433358
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 4.1 2.3 6.9

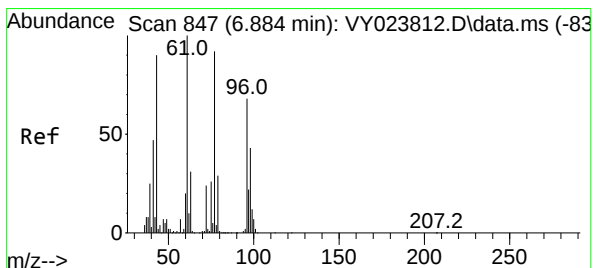
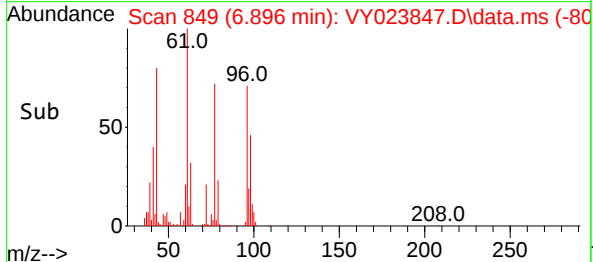
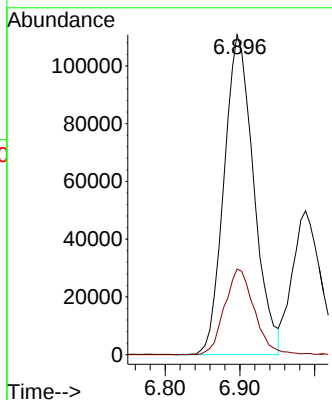
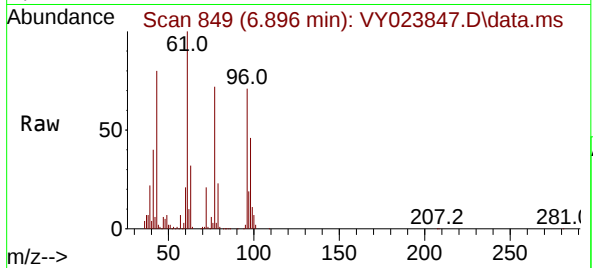




#25
2-Butanone
Concen: 199.389 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

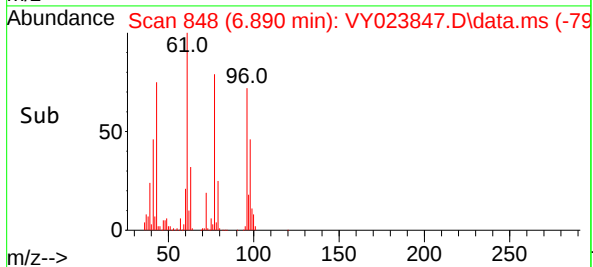
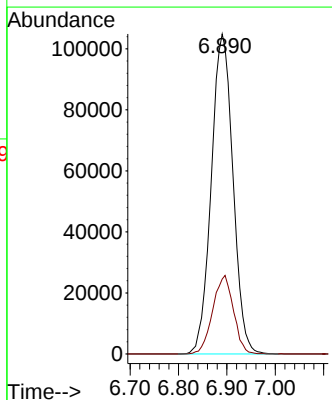
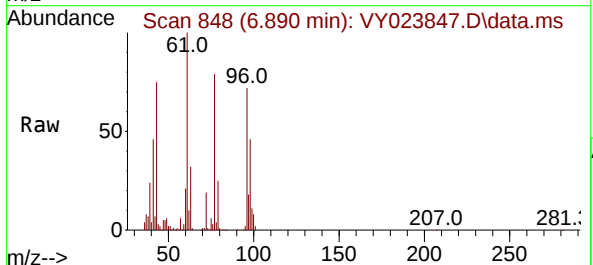
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

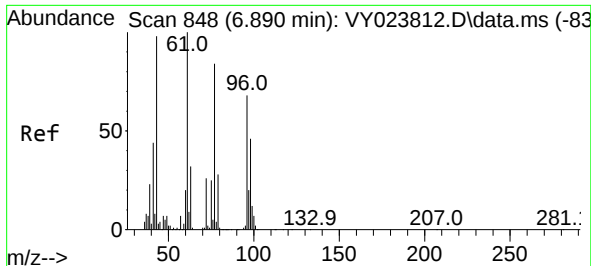
Tgt Ion: 43 Resp: 305689
Ion Ratio Lower Upper
43 100
72 26.7 21.3 31.9



#26
2,2-Dichloropropane
Concen: 42.173 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 77 Resp: 326551
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 48.540 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

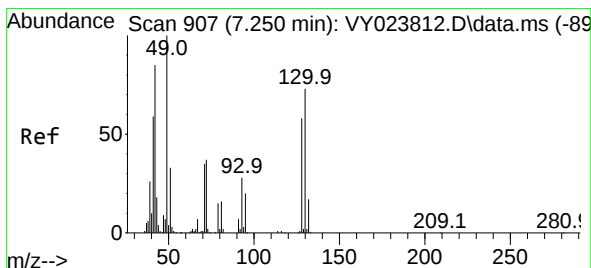
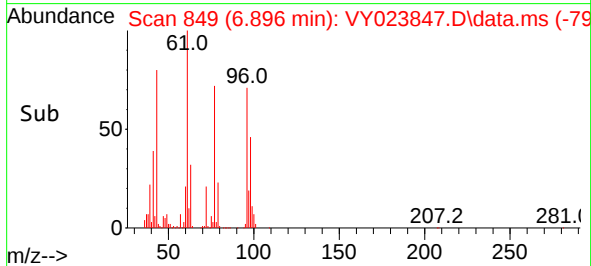
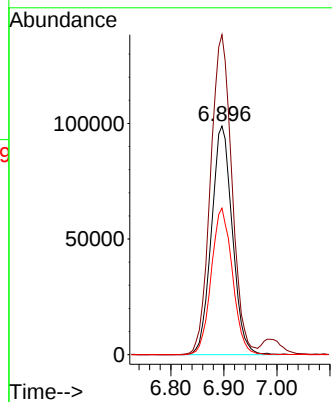
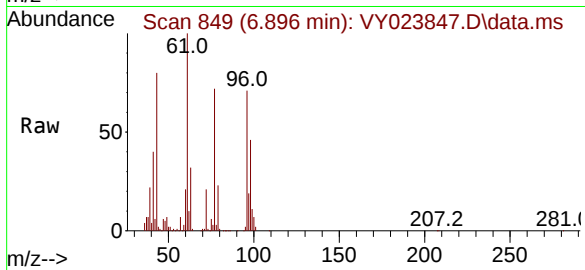
Tgt Ion: 96 Resp: 270546

Ion Ratio Lower Upper

96 100

61 143.6 0.0 291.2

98 64.8 0.0 128.6



#28

Bromochloromethane

Concen: 49.135 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

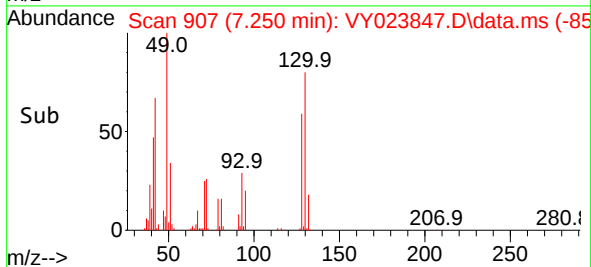
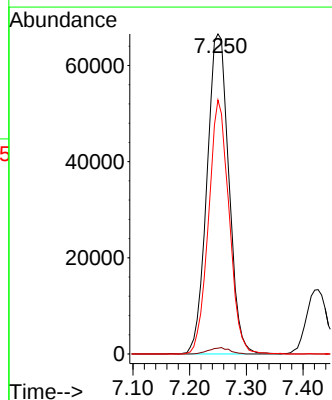
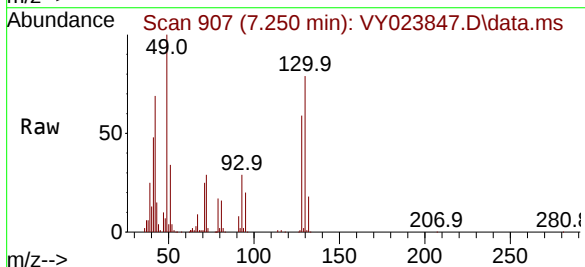
Tgt Ion: 49 Resp: 178541

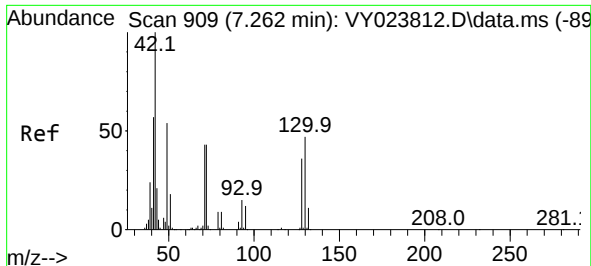
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.5 61.4 92.2





#29

Tetrahydrofuran

Concen: 224.665 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

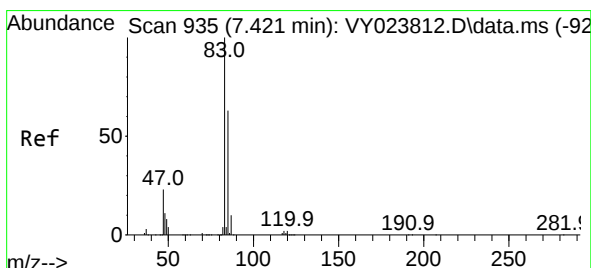
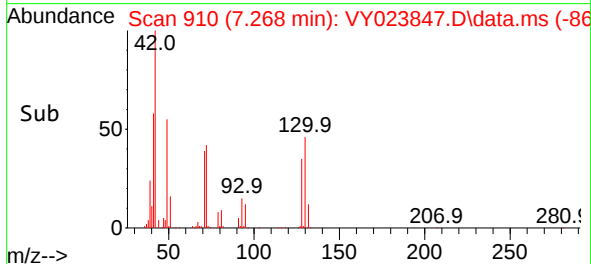
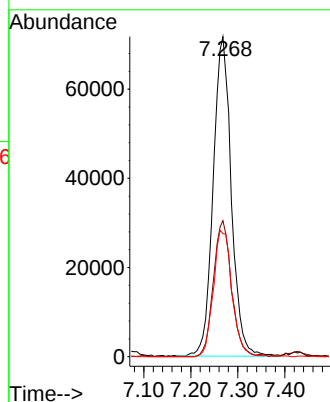
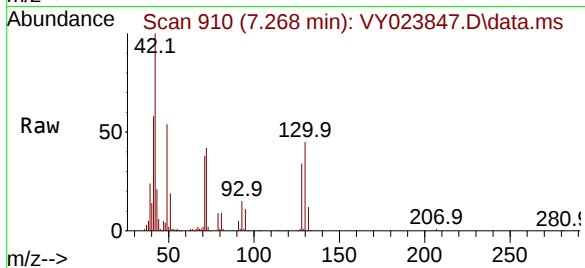
Tgt Ion: 42 Resp: 192111

Ion Ratio Lower Upper

42 100

72 42.3 35.9 53.9

71 40.6 33.3 49.9



#30

Chloroform

Concen: 50.308 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023847.D

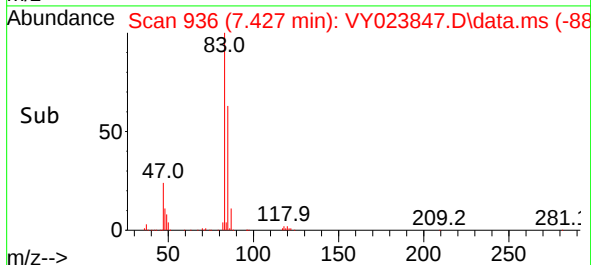
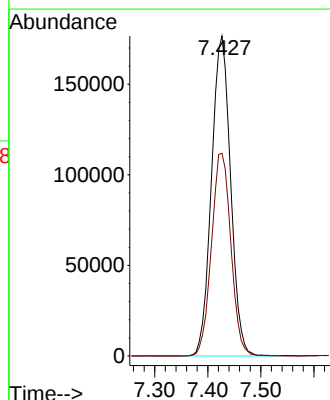
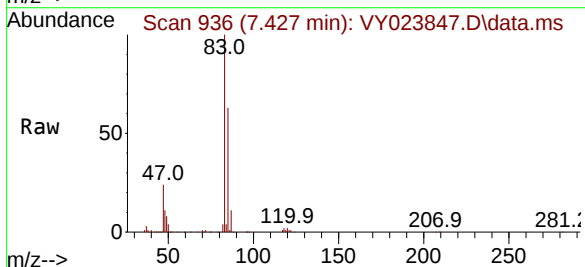
Acq: 01 Dec 2025 17:47

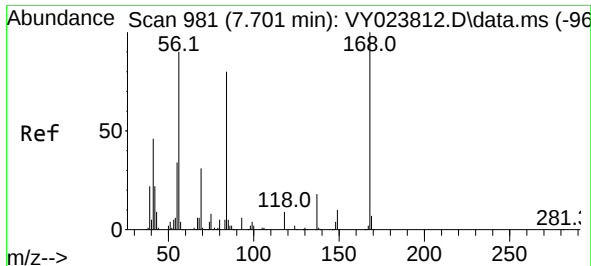
Tgt Ion: 83 Resp: 441898

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

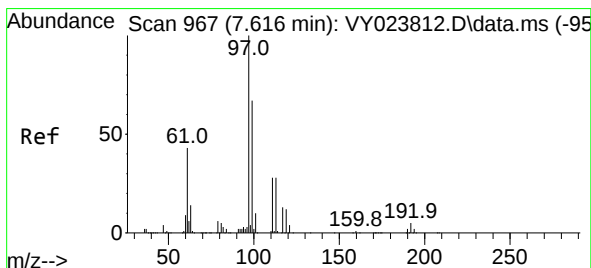
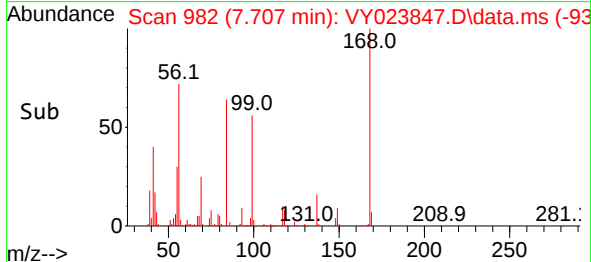
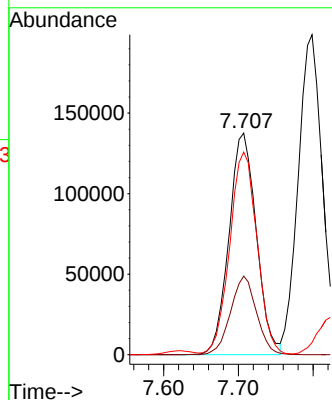
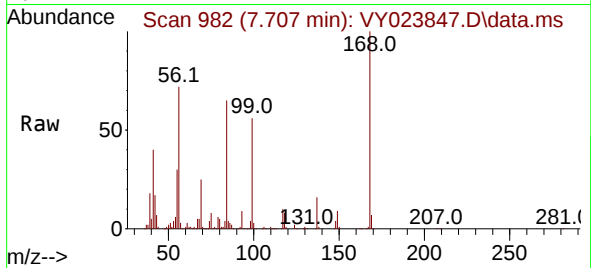




#31
Cyclohexane
Concen: 41.745 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

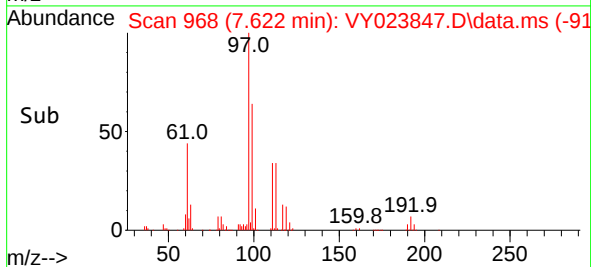
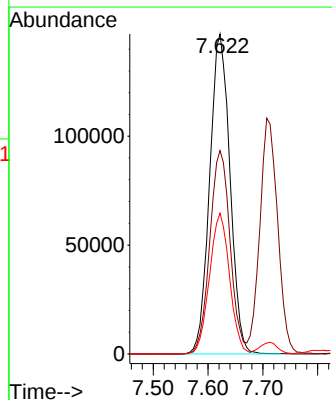
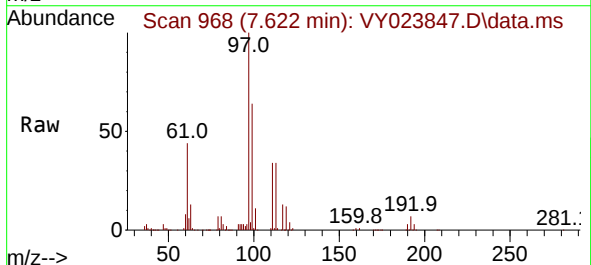
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

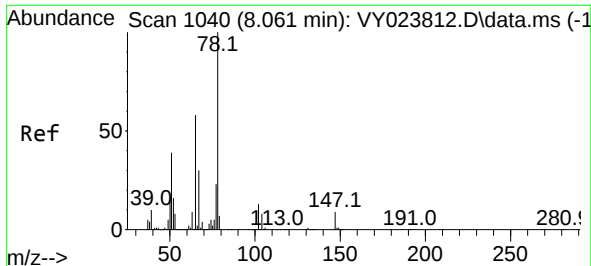
Tgt Ion: 56 Resp: 349945
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.6
84 89.6 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 48.383 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 97 Resp: 377245
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.197 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

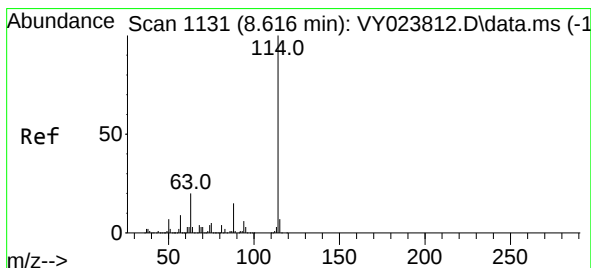
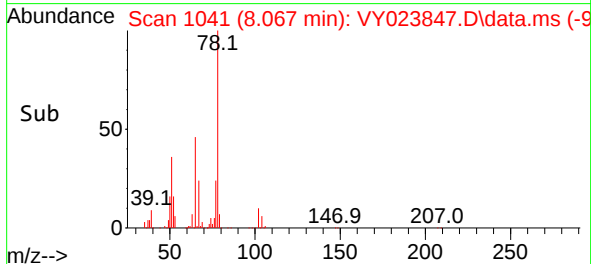
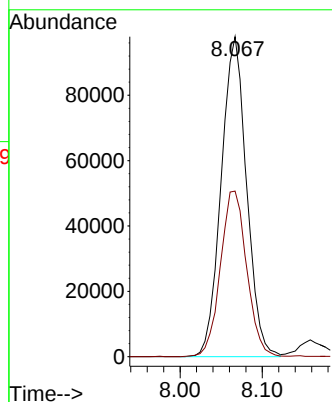
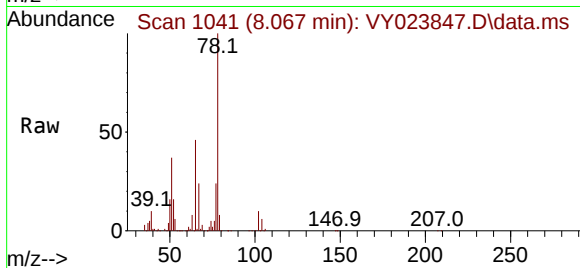
VSTDCCC050EC

Tgt Ion: 65 Resp: 210153

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

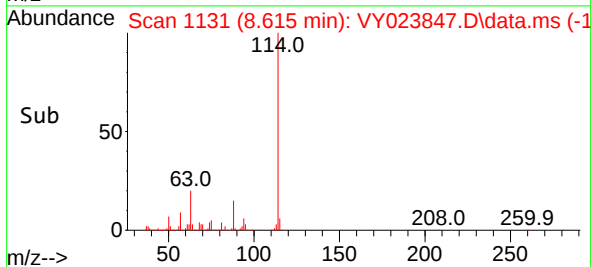
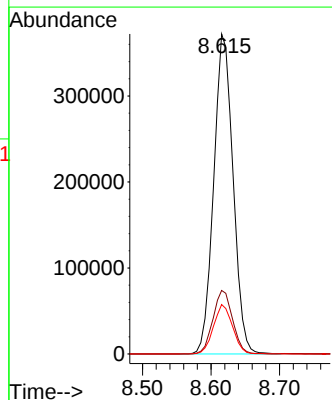
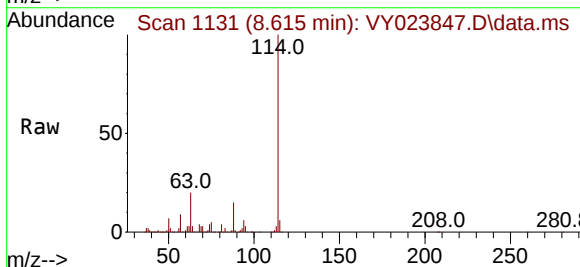
Tgt Ion: 114 Resp: 729750

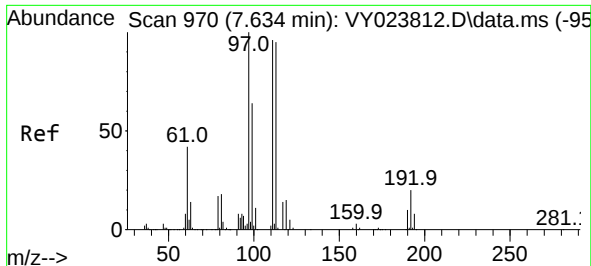
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 15.4 0.0 30.8

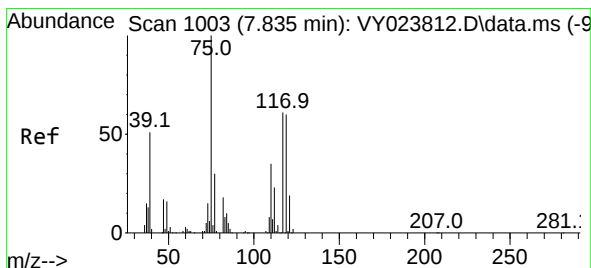
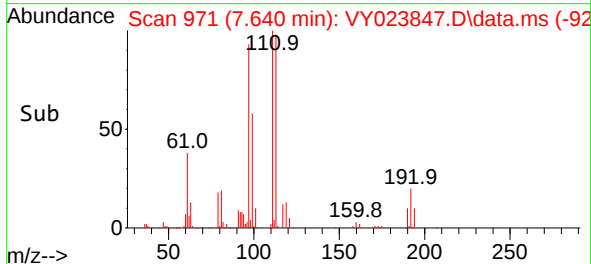
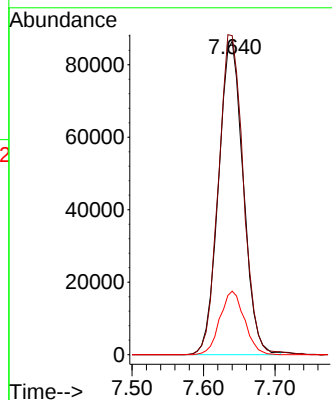
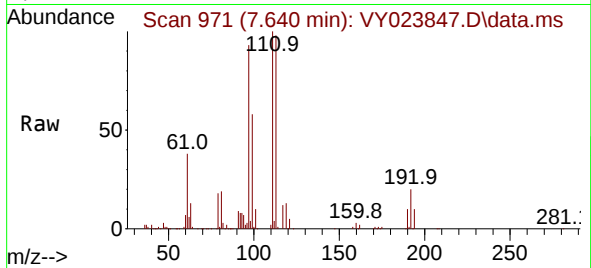




#35
Dibromofluoromethane
Concen: 48.045 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

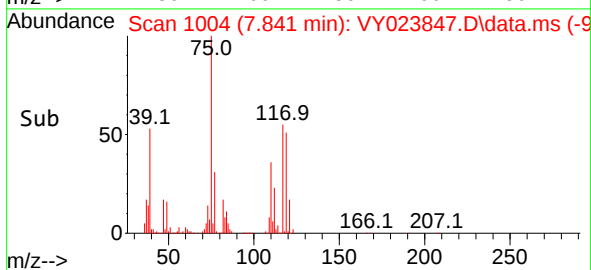
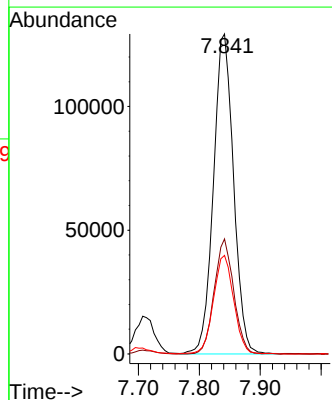
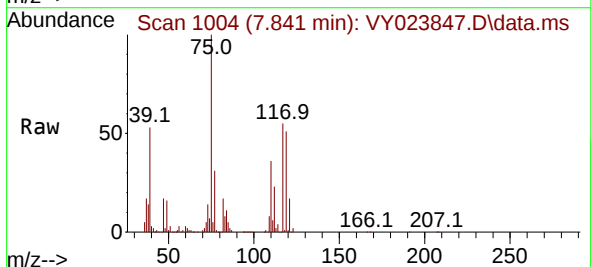
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

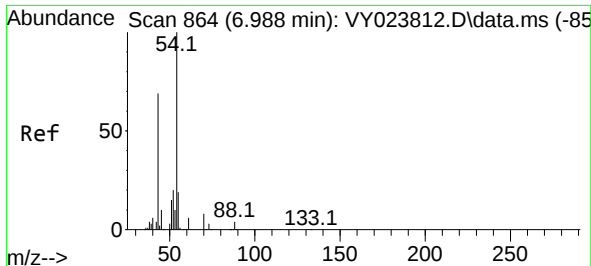
Tgt Ion:113 Resp: 207697
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 20.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 44.847 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 75 Resp: 297252
Ion Ratio Lower Upper
75 100
110 34.8 17.6 52.8
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 43.222 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

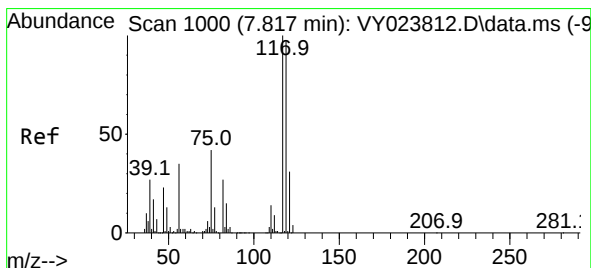
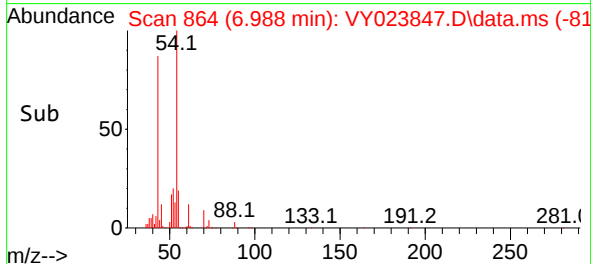
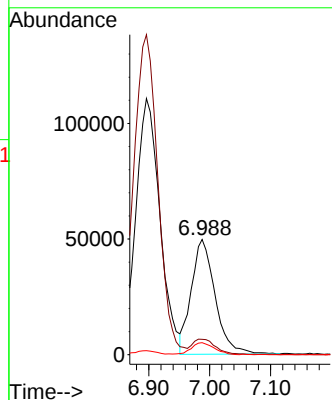
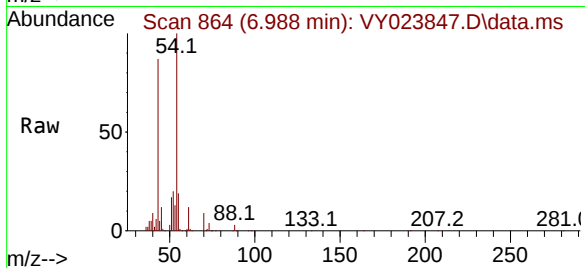
Tgt Ion: 43 Resp: 134752

Ion Ratio Lower Upper

43 100

61 12.9 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 45.549 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

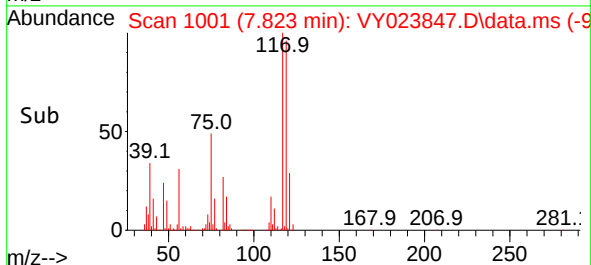
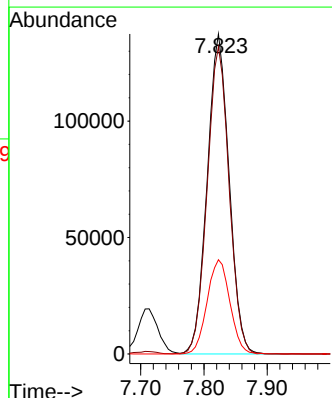
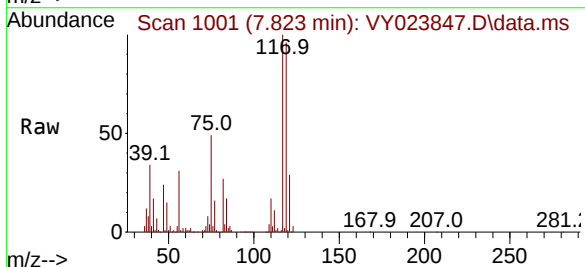
Tgt Ion: 117 Resp: 331392

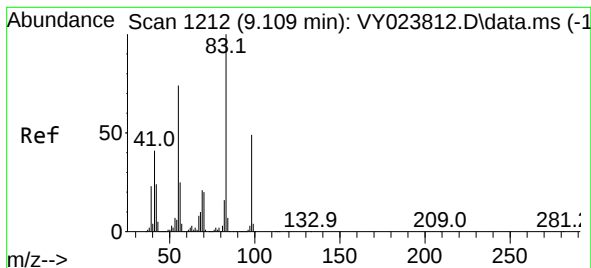
Ion Ratio Lower Upper

117 100

119 95.9 77.3 115.9

121 29.5 25.0 37.6





#39

Methylcyclohexane

Concen: 42.263 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

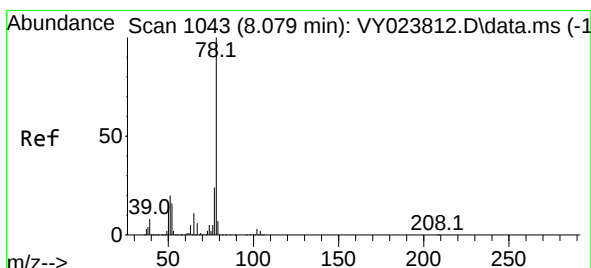
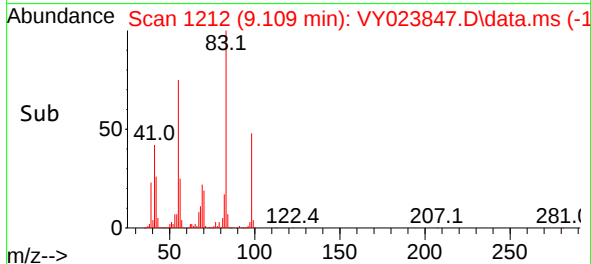
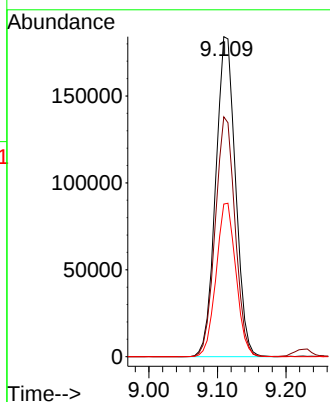
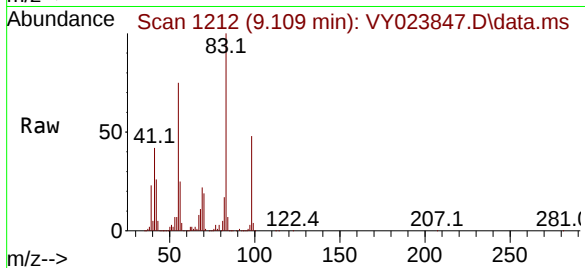
Tgt Ion: 83 Resp: 369959

Ion Ratio Lower Upper

83 100

55 74.9 59.4 89.2

98 47.7 39.5 59.3



#40

Benzene

Concen: 47.184 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023847.D

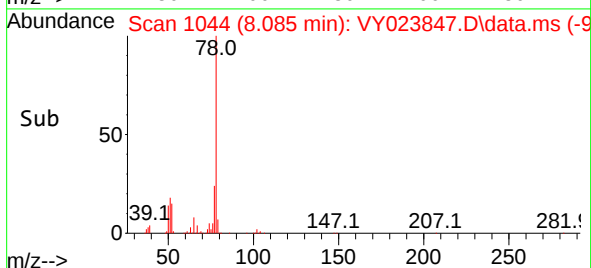
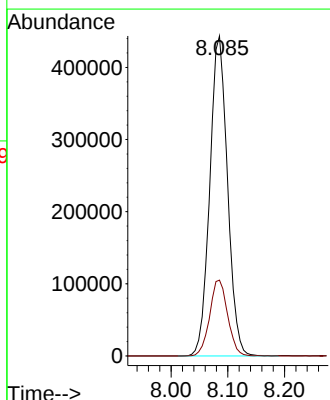
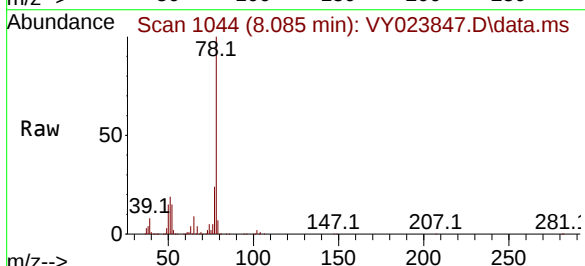
Acq: 01 Dec 2025 17:47

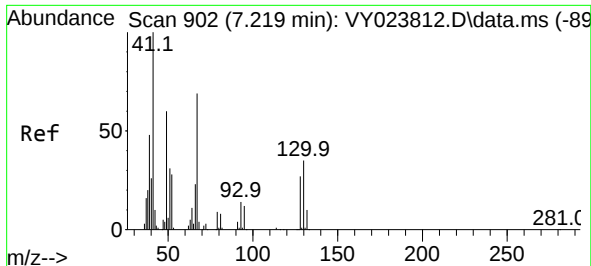
Tgt Ion: 78 Resp: 962435

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

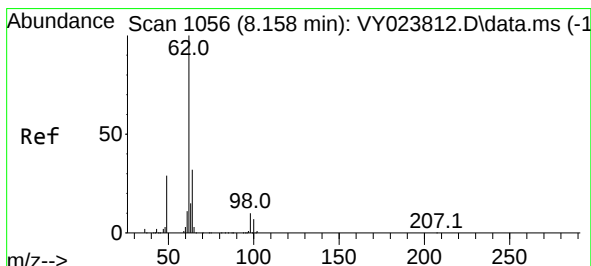
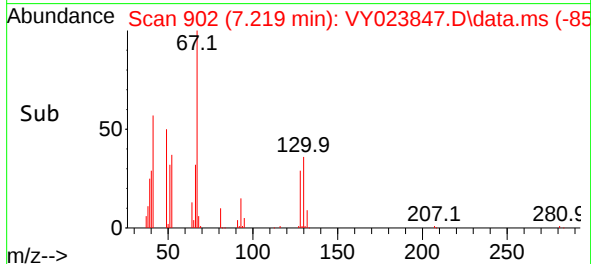
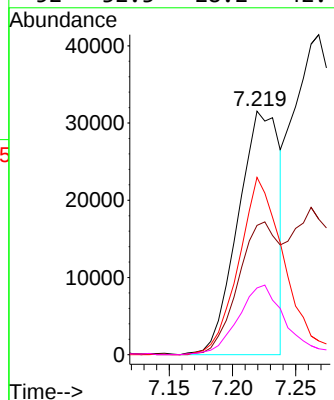
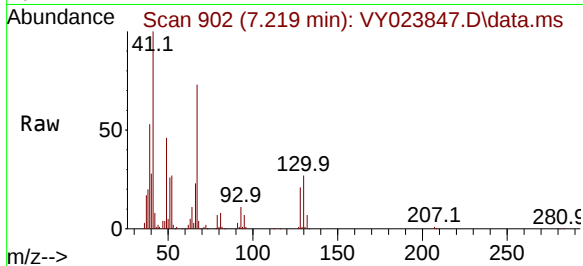




#41
Methacrylonitrile
Concen: 46.232 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

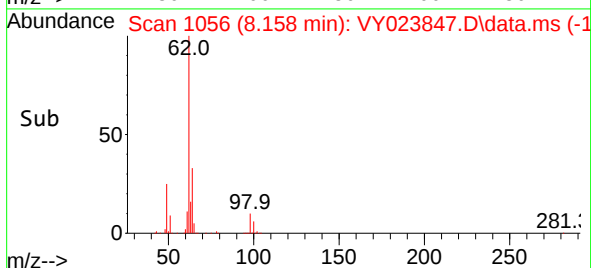
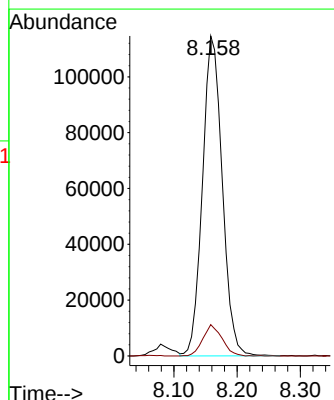
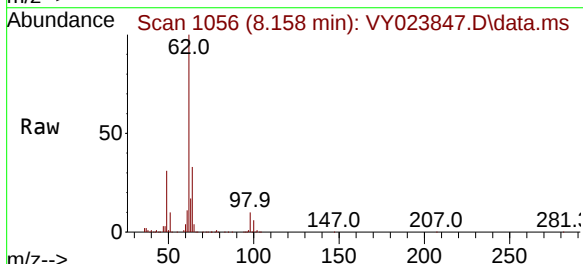
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

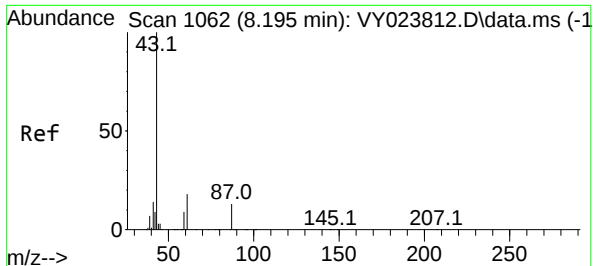
Tgt Ion:	41	Resp:	71959
Ion	Ratio	Lower	Upper
41	100		
39	53.6	40.6	61.0
67	80.9	67.9	101.9
52	32.3	28.2	42.4



#42
1,2-Dichloroethane
Concen: 47.488 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion:	62	Resp:	249714
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 44.846 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

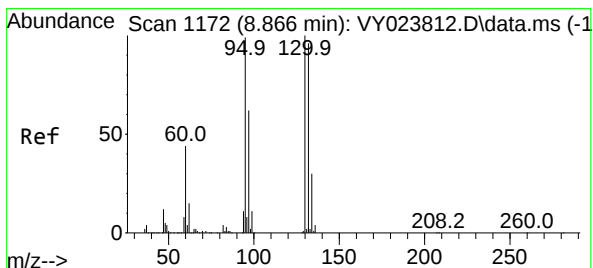
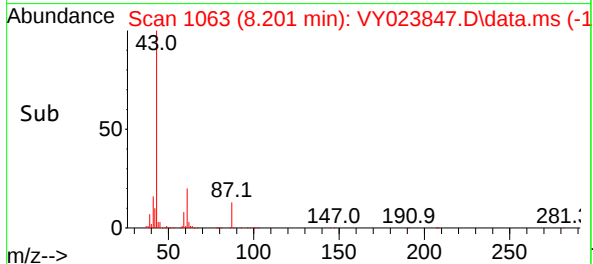
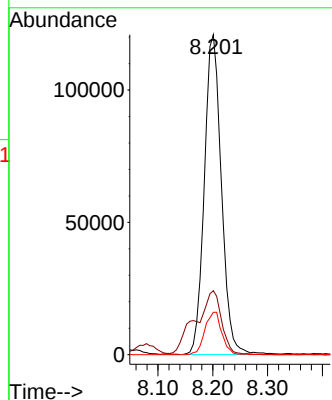
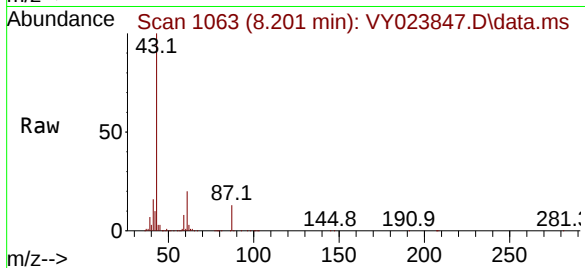
Tgt Ion: 43 Resp: 261284

Ion Ratio Lower Upper

43 100

61 30.2 24.3 36.5

87 13.2 11.0 16.4



#44

Trichloroethene

Concen: 47.554 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023847.D

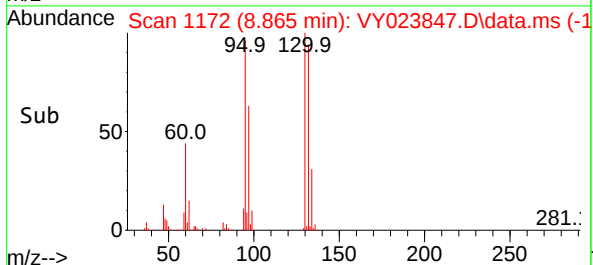
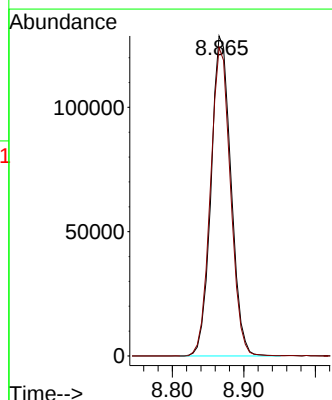
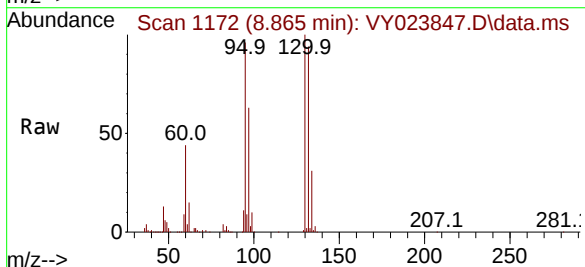
Acq: 01 Dec 2025 17:47

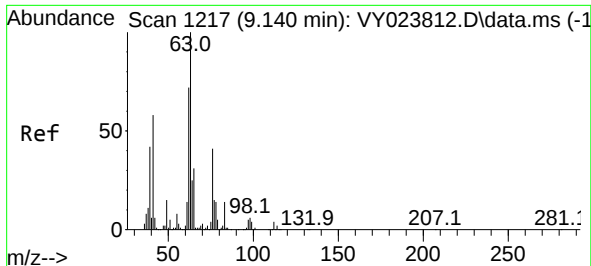
Tgt Ion:130 Resp: 248870

Ion Ratio Lower Upper

130 100

95 96.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 49.175 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

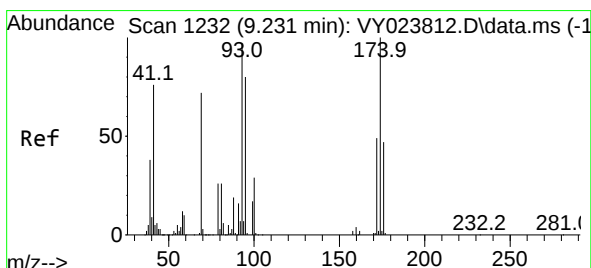
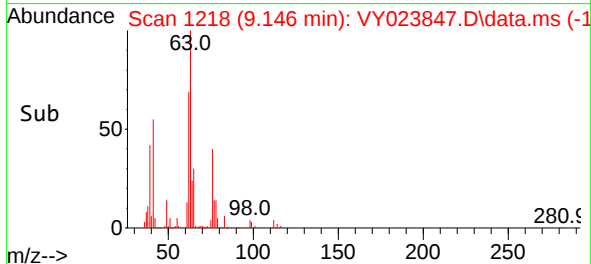
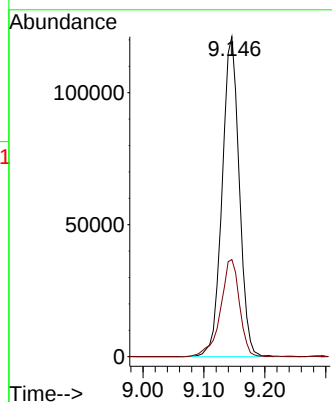
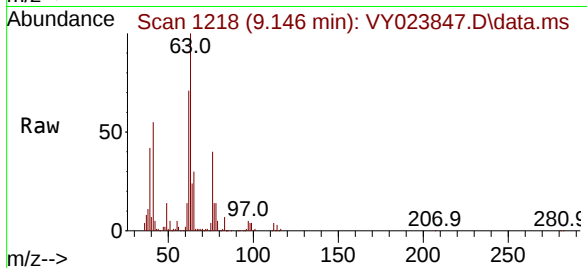
VSTDCCC050EC

Tgt Ion: 63 Resp: 236487

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6



#46

Dibromomethane

Concen: 46.576 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

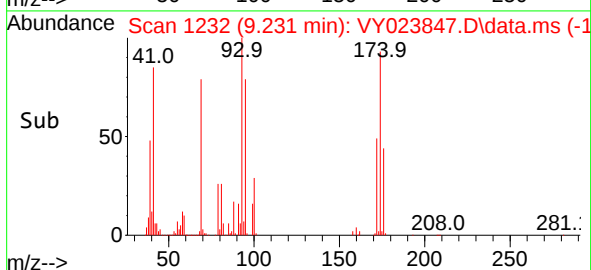
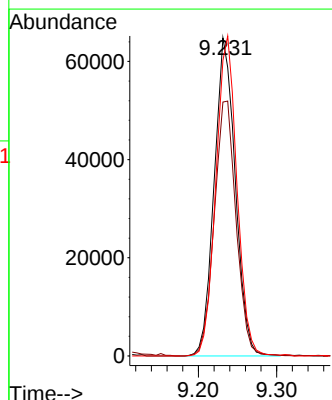
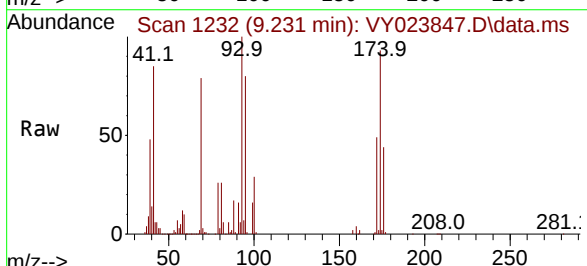
Tgt Ion: 93 Resp: 121543

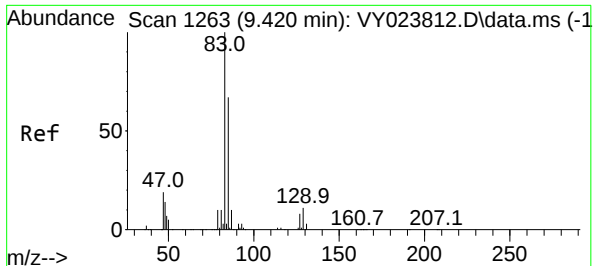
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 100.2 80.6 121.0





#47

Bromodichloromethane

Concen: 49.156 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

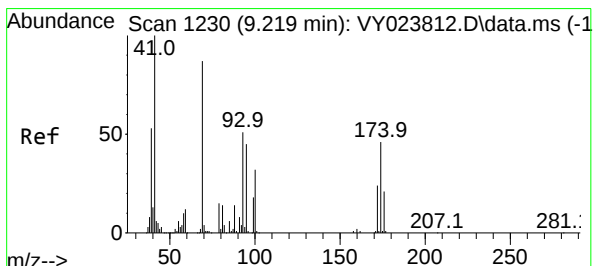
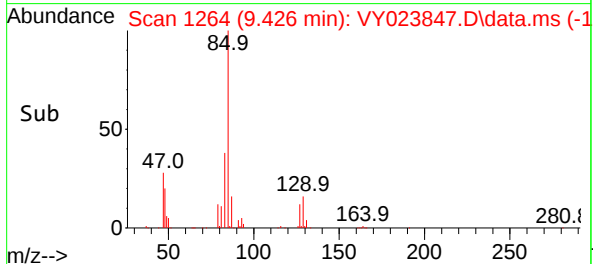
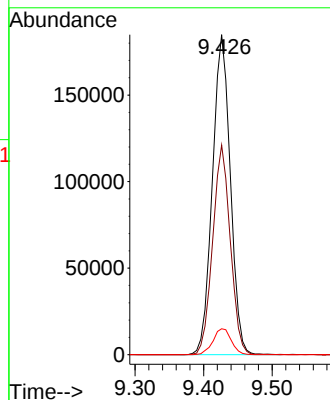
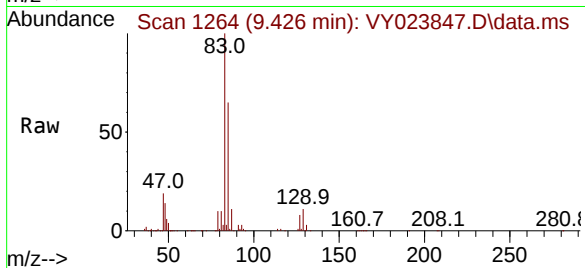
Tgt Ion: 83 Resp: 335239

Ion Ratio Lower Upper

83 100

85 65.5 53.7 80.5

127 8.1 6.6 10.0



#48

Methyl methacrylate

Concen: 44.768 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

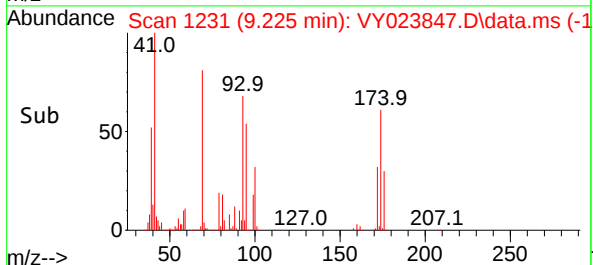
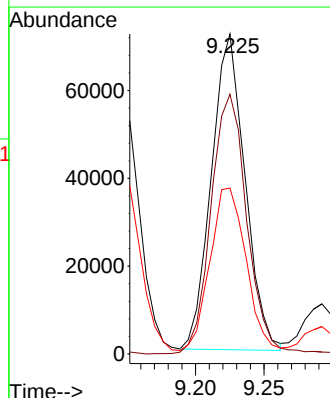
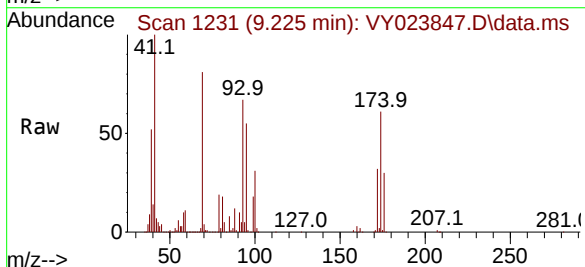
Tgt Ion: 41 Resp: 122803

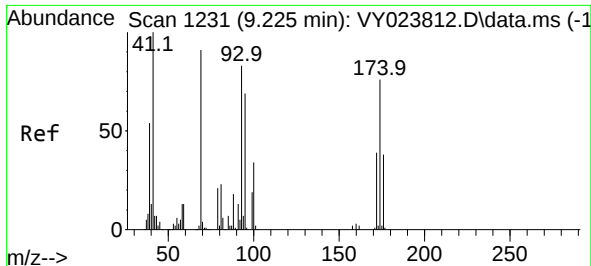
Ion Ratio Lower Upper

41 100

69 87.6 69.1 103.7

39 57.1 41.2 61.8





#49

1,4-Dioxane

Concen: 846.099 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

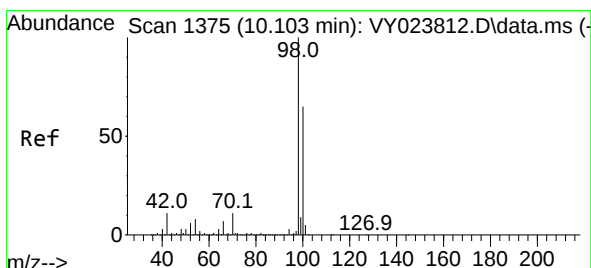
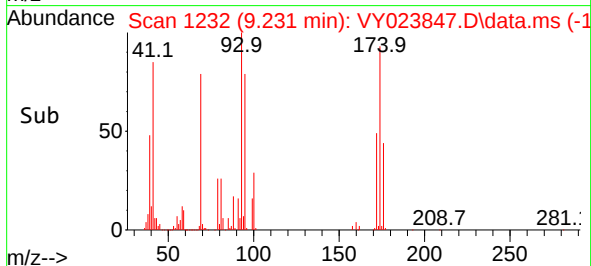
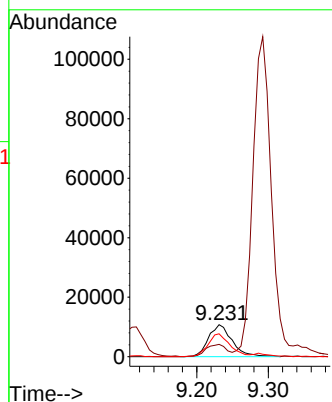
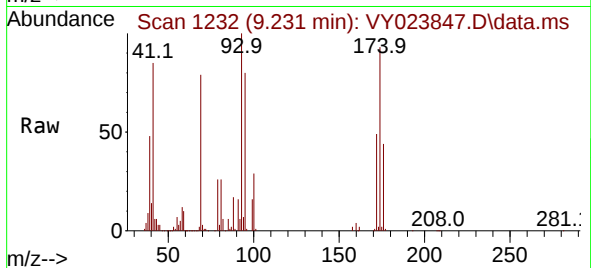
Tgt Ion: 88 Resp: 24745

Ion Ratio Lower Upper

88 100

43 34.0 24.6 37.0

58 66.5 53.4 80.2



#50

Toluene-d8

Concen: 48.305 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023847.D

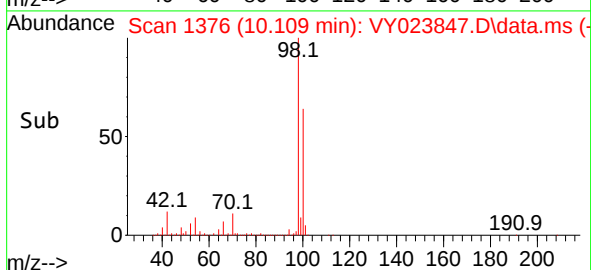
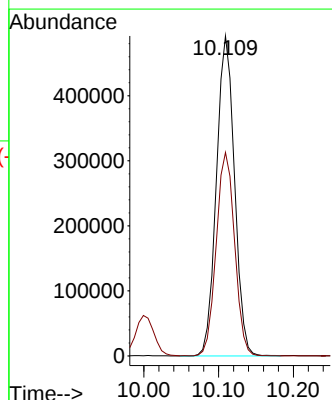
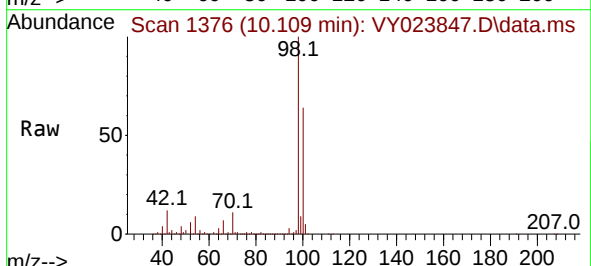
Acq: 01 Dec 2025 17:47

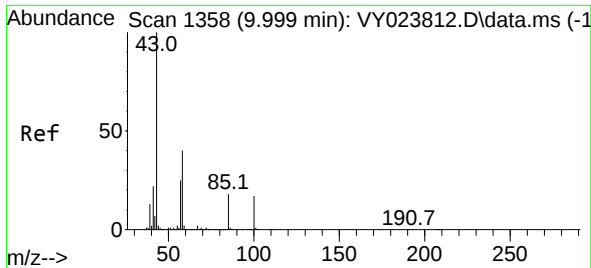
Tgt Ion: 98 Resp: 829442

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9

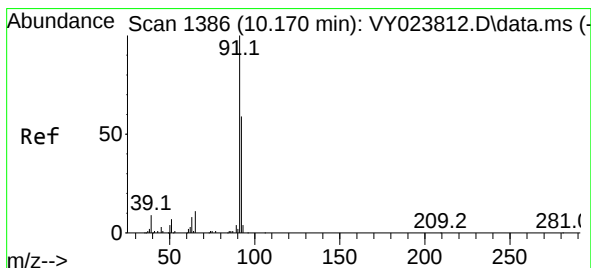
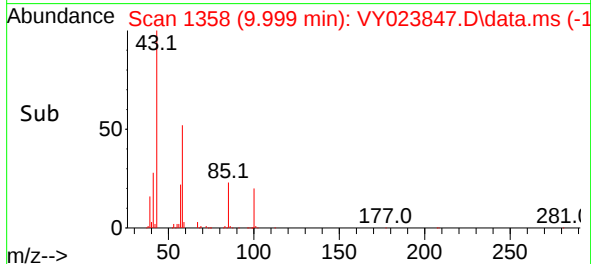
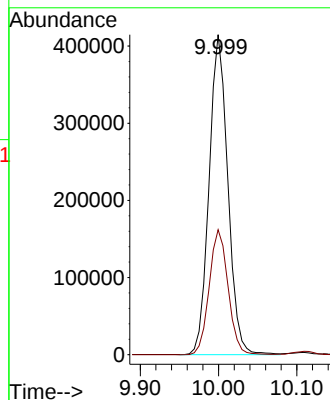
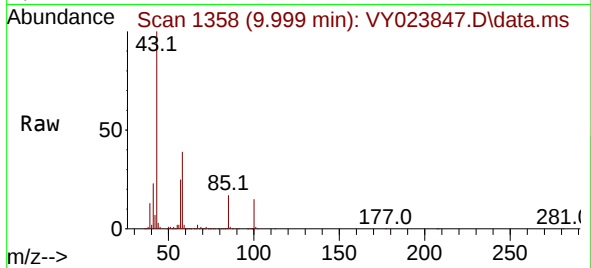




#51
4-Methyl-2-Pentanone
Concen: 224.731 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

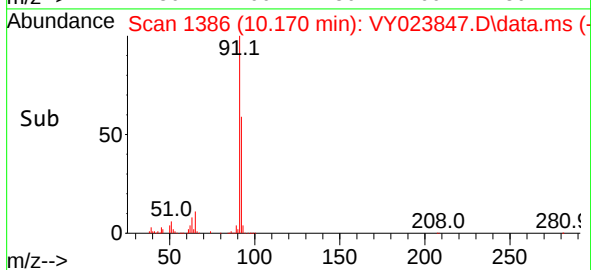
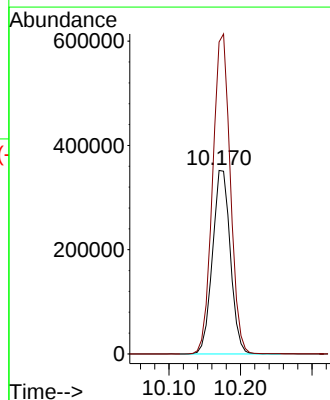
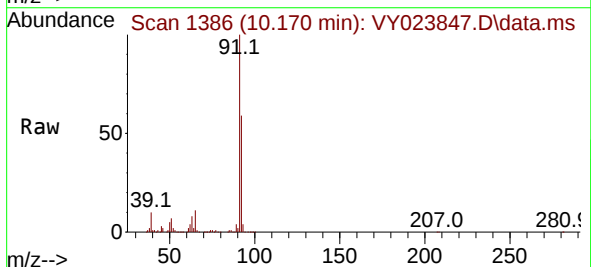
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

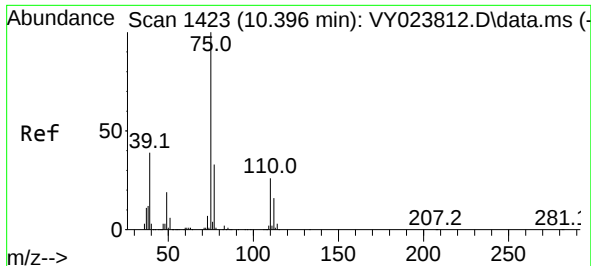
Tgt Ion: 43 Resp: 689273
Ion Ratio Lower Upper
43 100
58 39.3 32.4 48.6



#52
Toluene
Concen: 48.160 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 92 Resp: 608980
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2

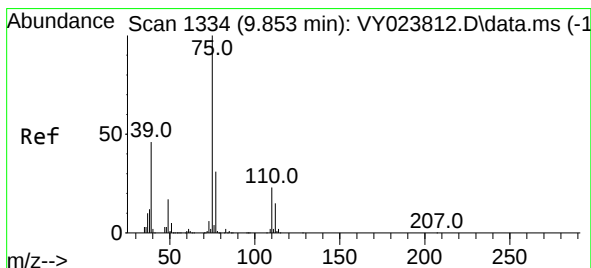
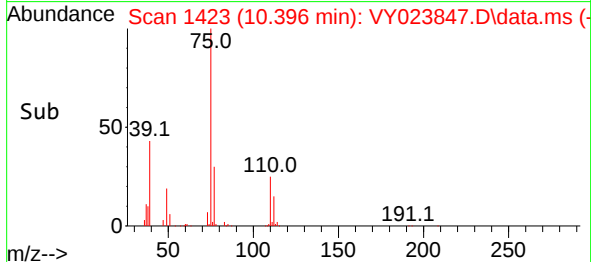
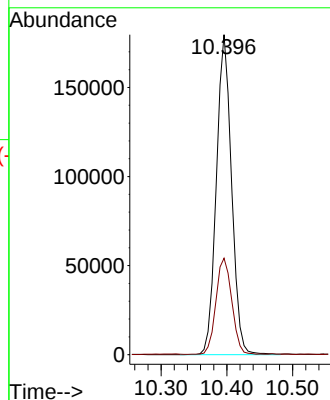
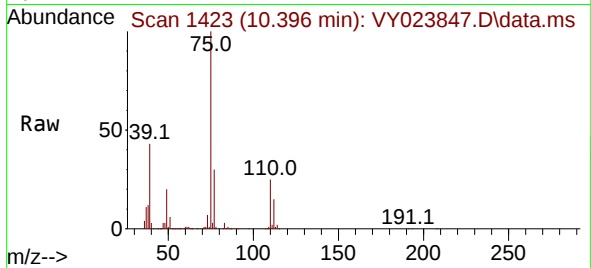




#53
 t-1,3-Dichloropropene
 Concen: 46.237 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

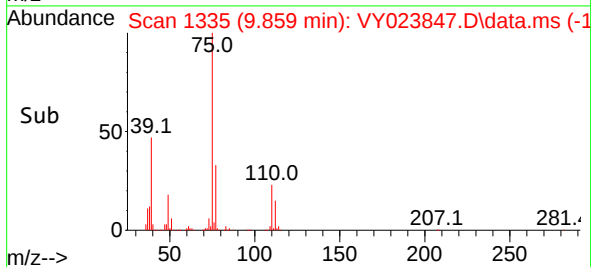
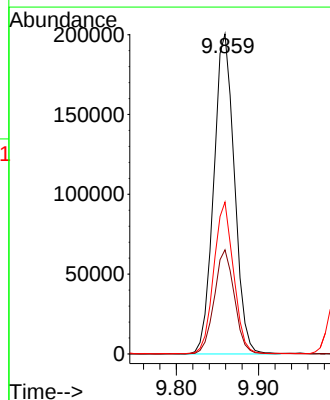
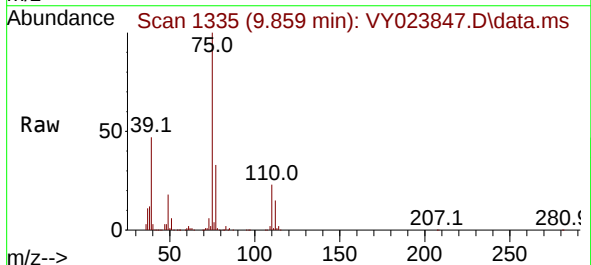
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

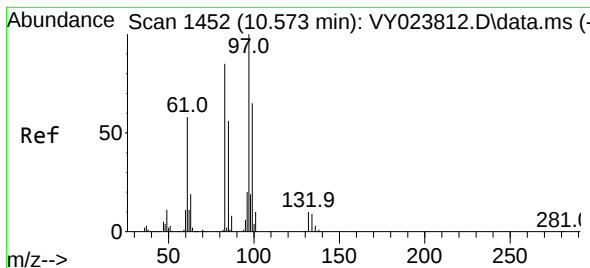
Tgt Ion: 75 Resp: 288852
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.787 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

Tgt Ion: 75 Resp: 349871
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 47.3 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 47.750 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 166917

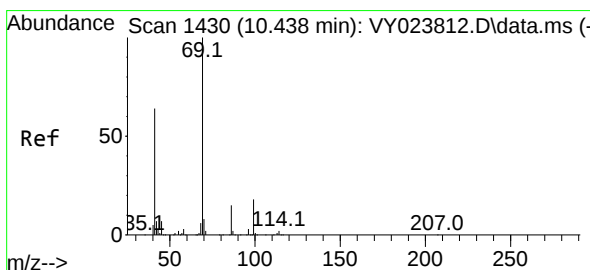
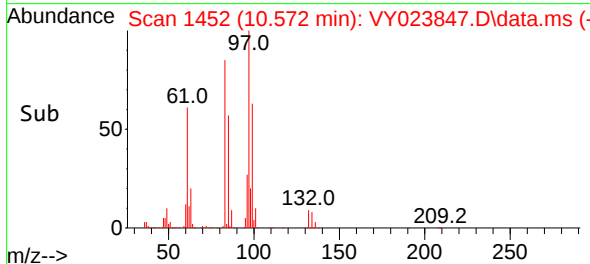
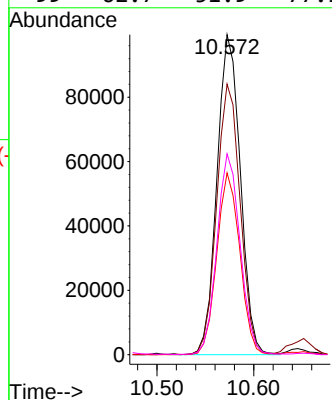
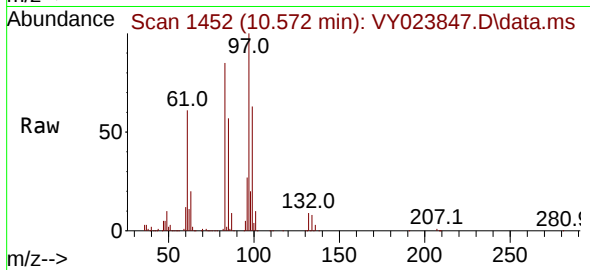
Ion Ratio Lower Upper

97 100

83 84.6 68.1 102.1

85 56.7 45.0 67.4

99 62.7 51.9 77.9



#56

Ethyl methacrylate

Concen: 46.128 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

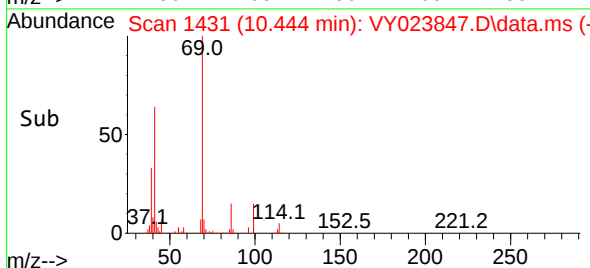
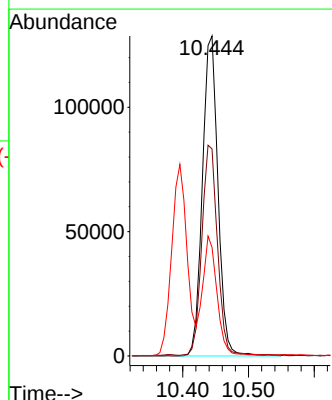
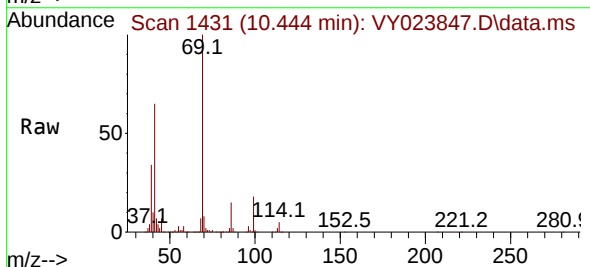
Tgt Ion: 69 Resp: 211727

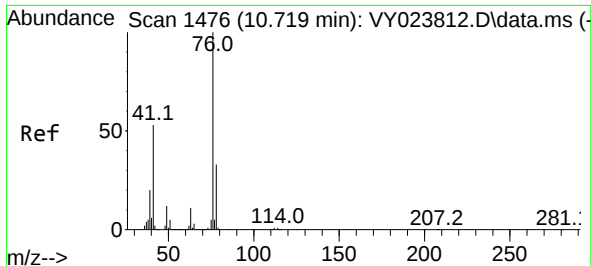
Ion Ratio Lower Upper

69 100

41 65.8 50.9 76.3

39 34.2 26.6 40.0

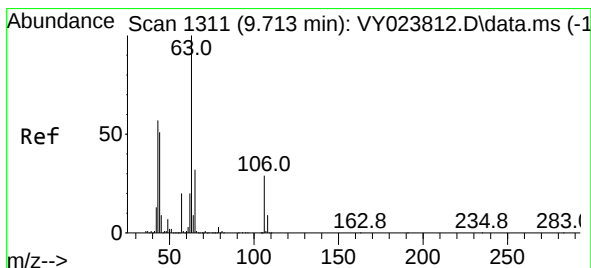
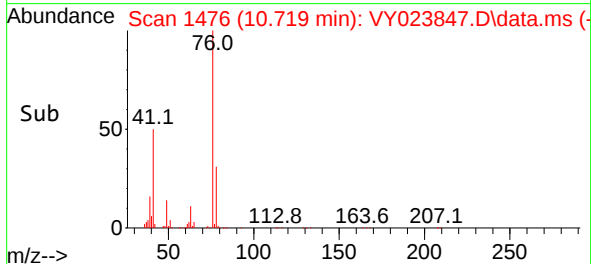
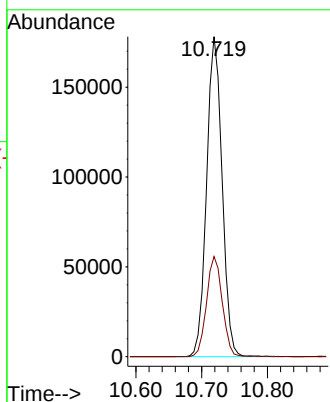
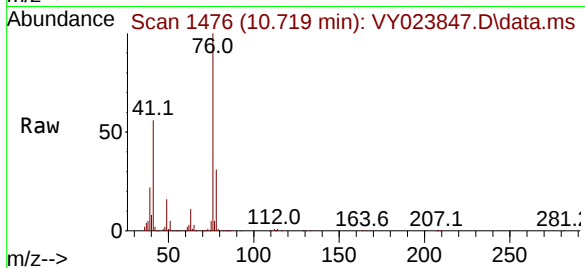




#57
1,3-Dichloropropane
Concen: 47.856 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

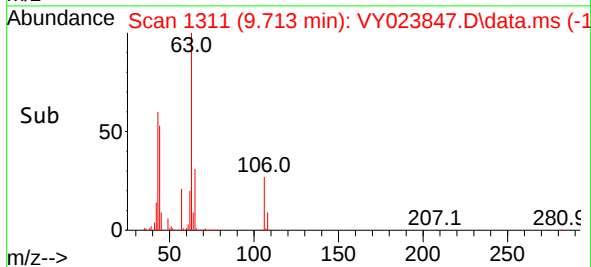
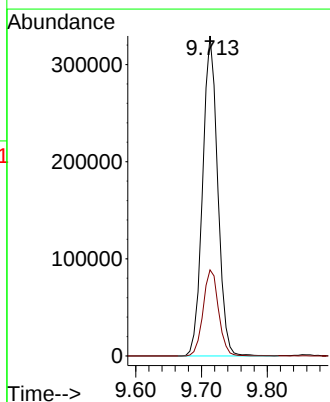
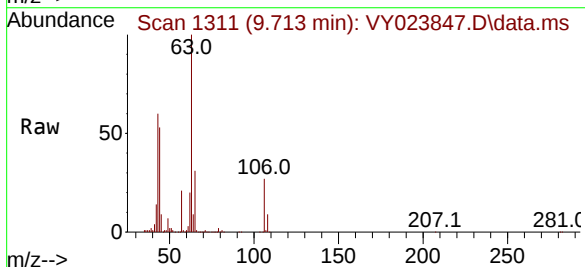
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

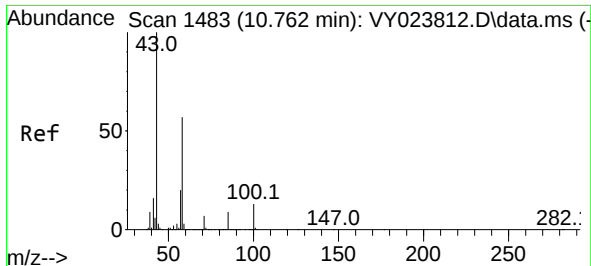
Tgt Ion: 76 Resp: 291822
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 238.074 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 63 Resp: 524954
Ion Ratio Lower Upper
63 100
106 27.5 22.2 33.2

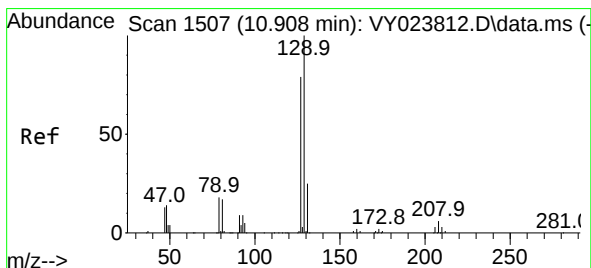
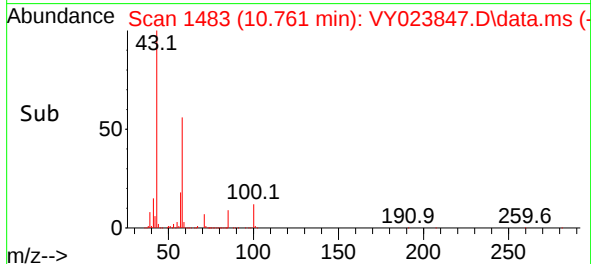
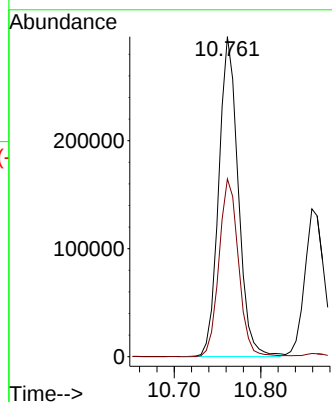
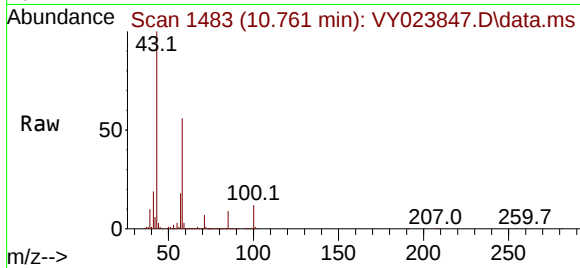




#59
2-Hexanone
Concen: 203.536 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

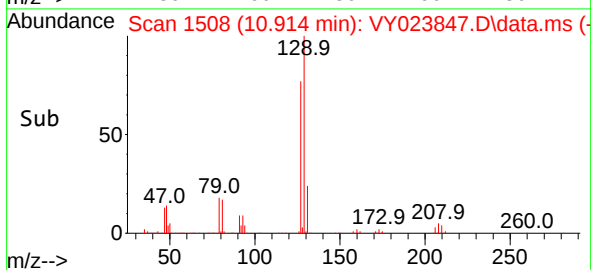
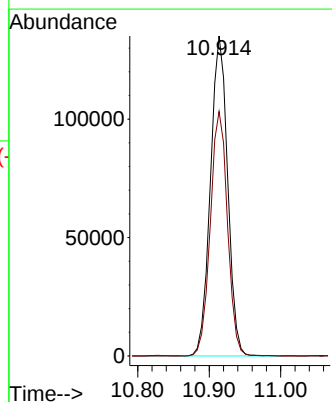
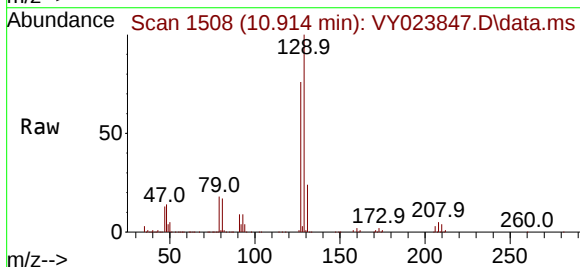
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

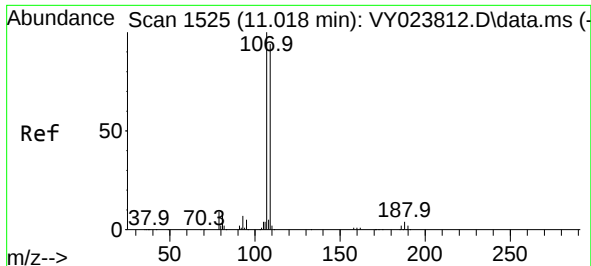
Tgt Ion: 43 Resp: 461630
Ion Ratio Lower Upper
43 100
58 55.8 28.3 85.0



#60
Dibromochloromethane
Concen: 48.054 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion:129 Resp: 225415
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6

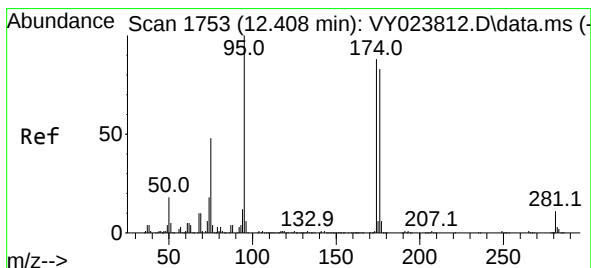
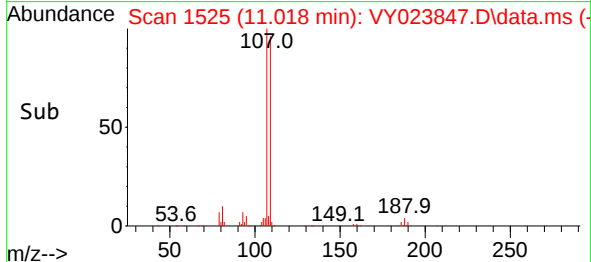
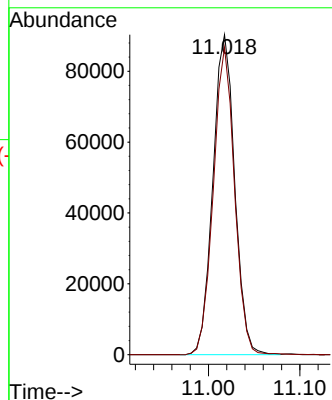
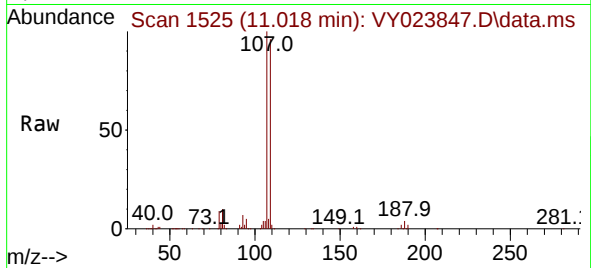




#61
1,2-Dibromoethane
Concen: 46.085 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

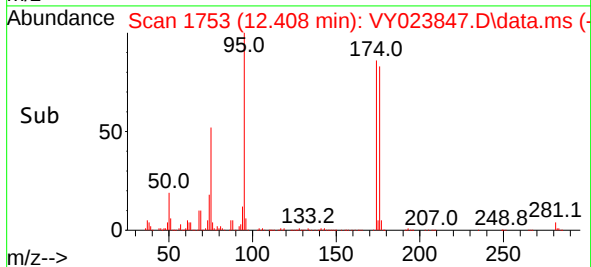
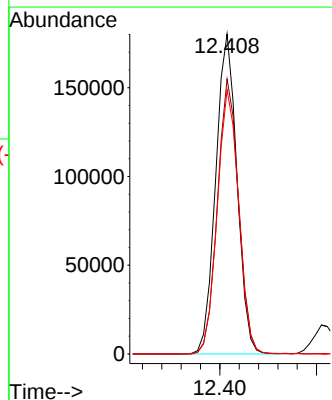
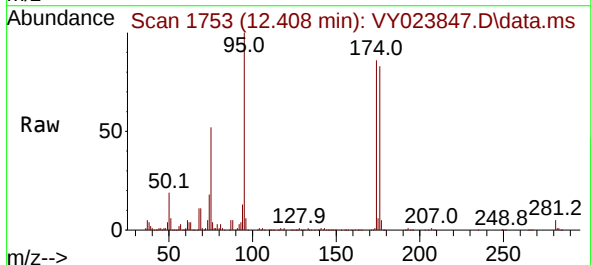
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

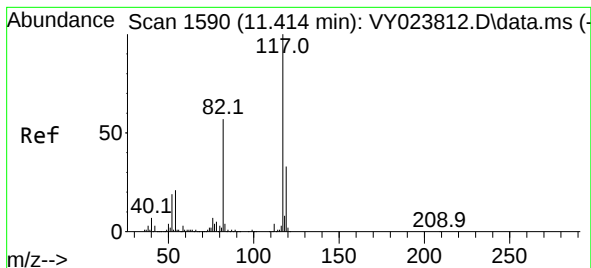
Tgt Ion:107 Resp: 149535
Ion Ratio Lower Upper
107 100
109 93.6 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 48.609 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 95 Resp: 274629
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.6
176 83.0 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

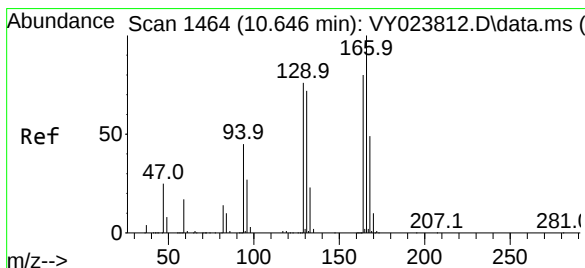
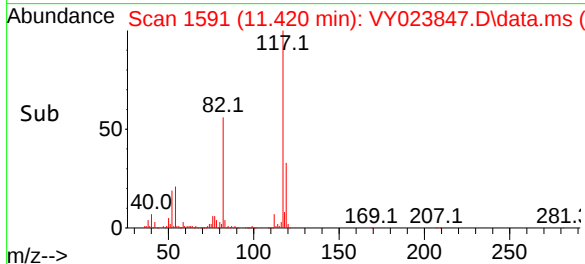
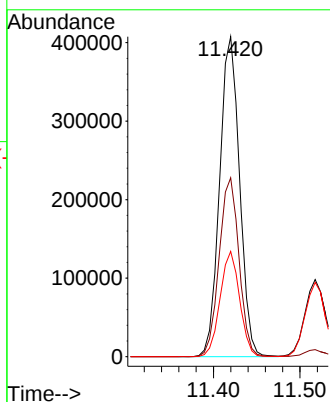
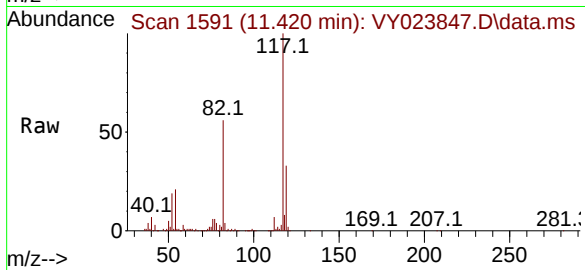
Tgt Ion:117 Resp: 652343

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 32.9 26.0 39.0



#64

Tetrachloroethene

Concen: 51.644 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion:164 Resp: 319597

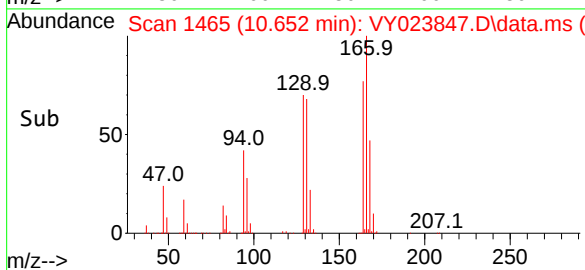
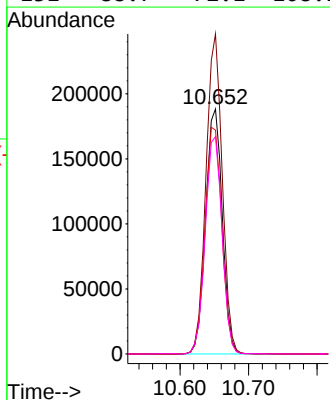
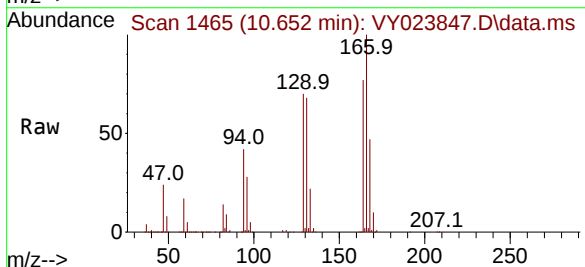
Ion Ratio Lower Upper

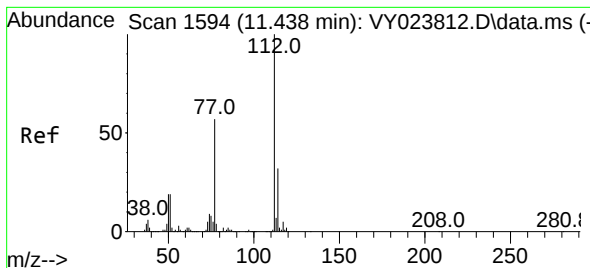
164 100

166 130.6 100.6 150.8

129 91.3 76.0 114.0

131 88.7 72.1 108.1





#65

Chlorobenzene

Concen: 46.445 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

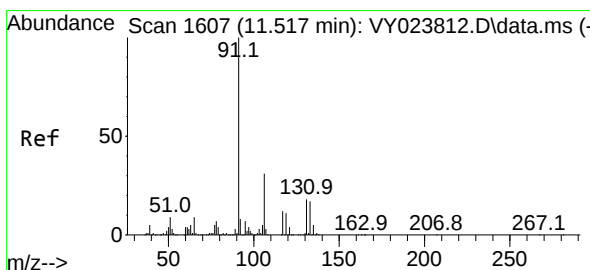
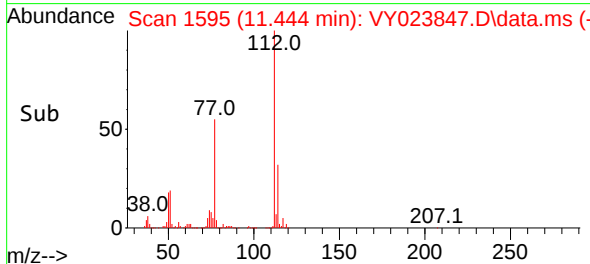
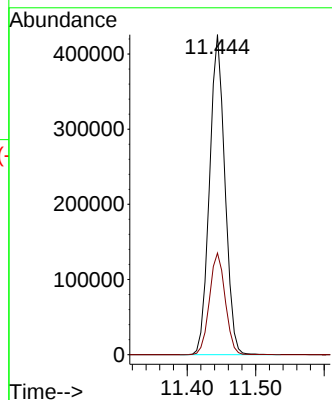
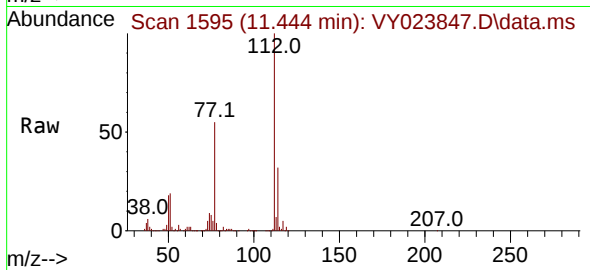
VSTDCCC050EC

Tgt Ion:112 Resp: 665068

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 47.526 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

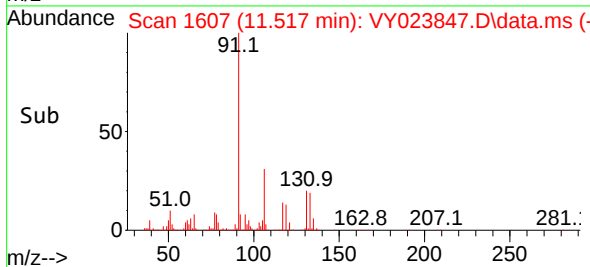
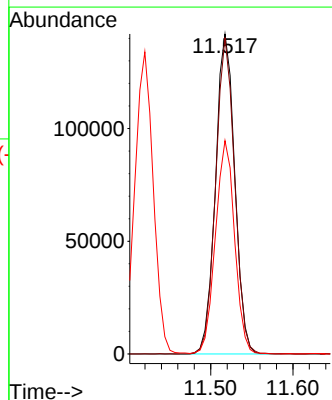
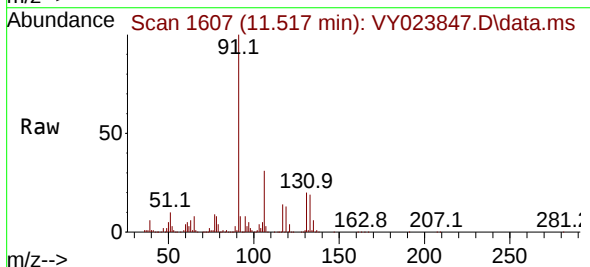
Tgt Ion:131 Resp: 231195

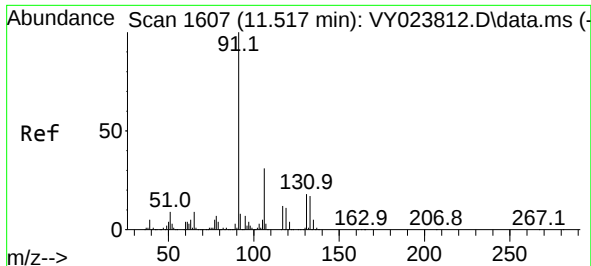
Ion Ratio Lower Upper

131 100

133 96.9 48.1 144.3

119 66.3 33.0 98.9





#67

Ethyl Benzene

Concen: 47.432 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

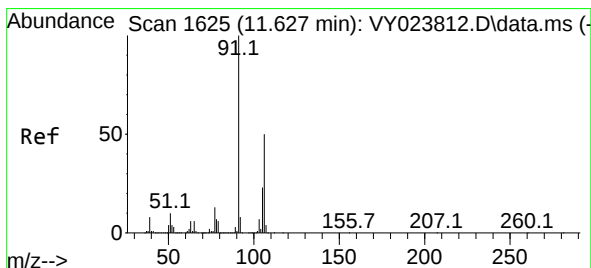
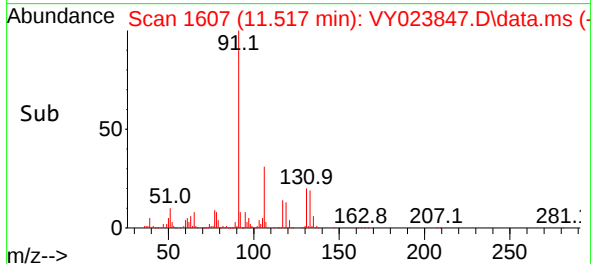
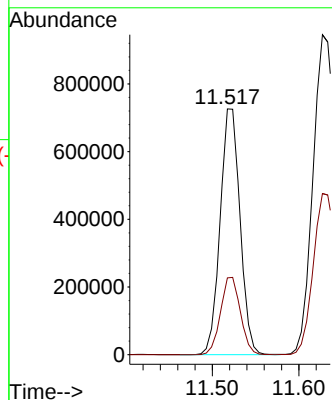
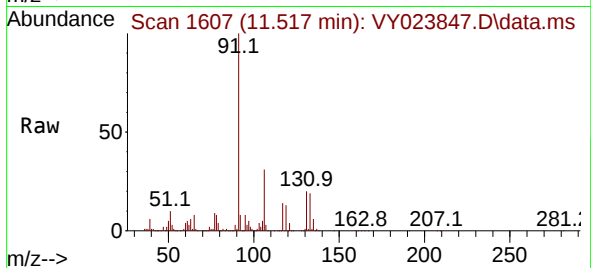
VSTDCCC050EC

Tgt Ion: 91 Resp: 1160113

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 95.464 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023847.D

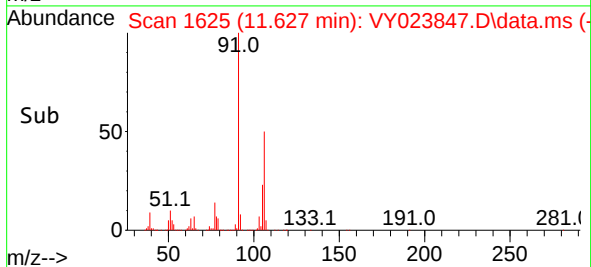
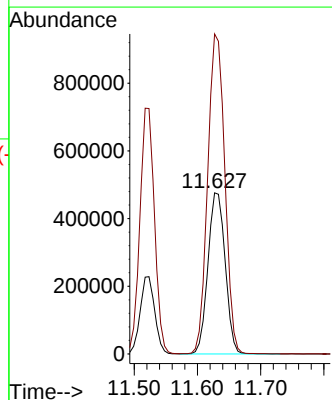
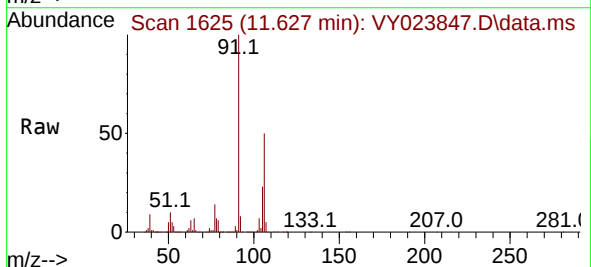
Acq: 01 Dec 2025 17:47

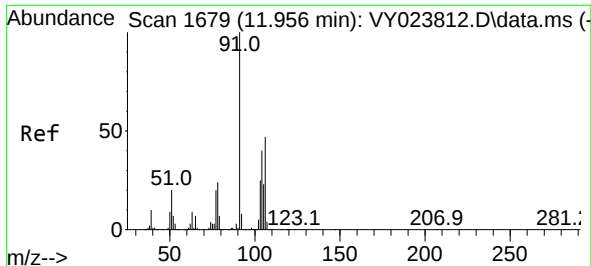
Tgt Ion:106 Resp: 899744

Ion Ratio Lower Upper

106 100

91 198.0 159.5 239.3

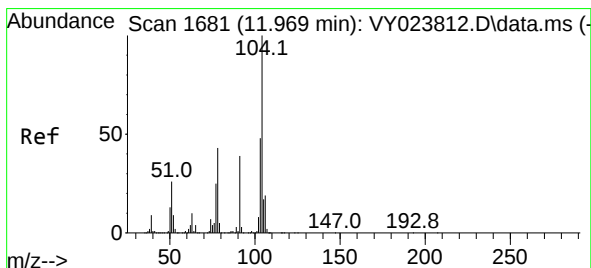
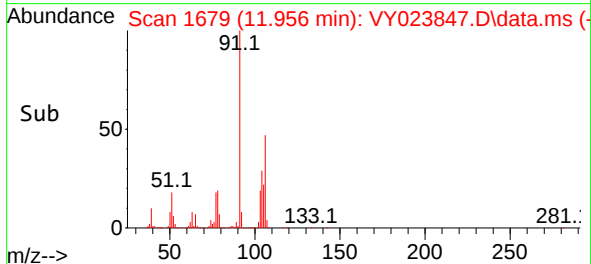
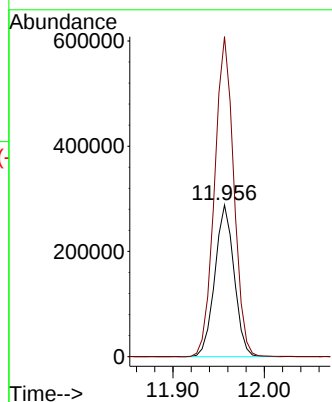
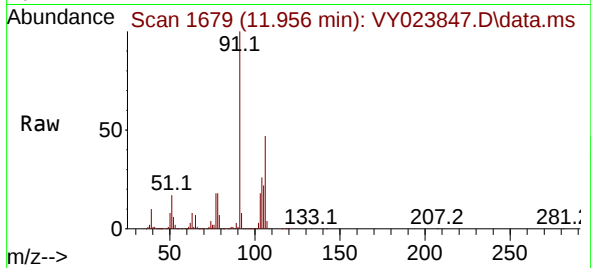




#69
o-Xylene
Concen: 47.782 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

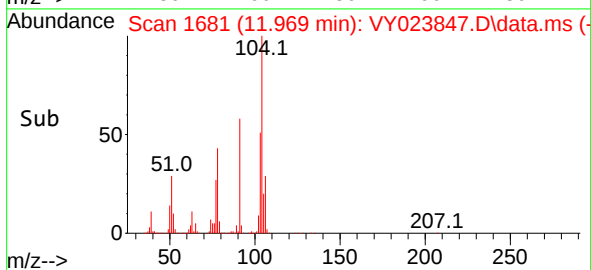
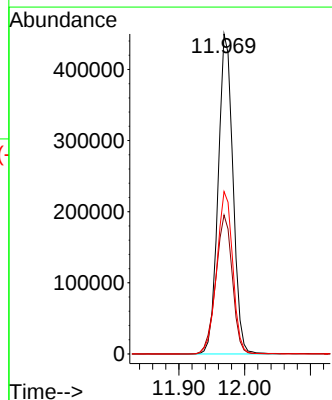
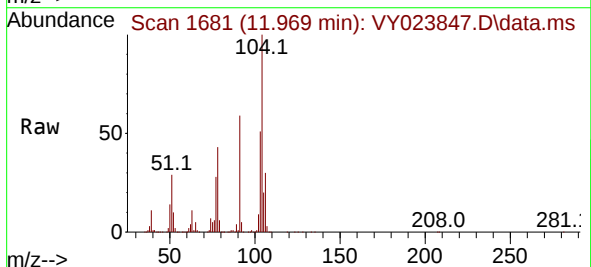
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

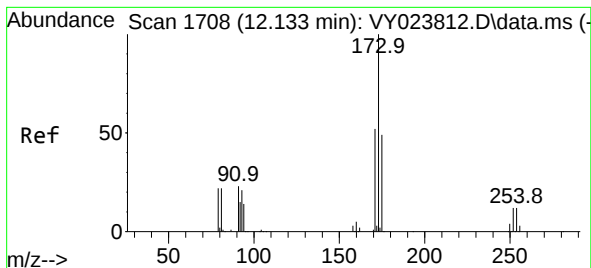
Tgt Ion:106 Resp: 422198
Ion Ratio Lower Upper
106 100
91 211.2 106.5 319.6



#70
Styrene
Concen: 48.485 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion:104 Resp: 705730
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 54.9 43.4 65.0





#71

Bromoform

Concen: 44.910 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

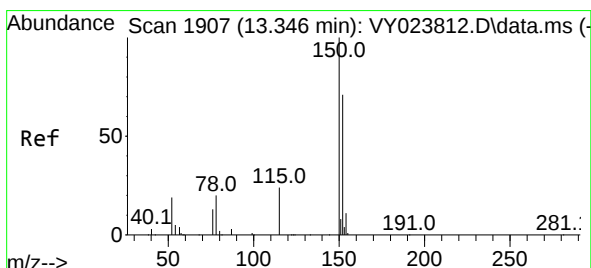
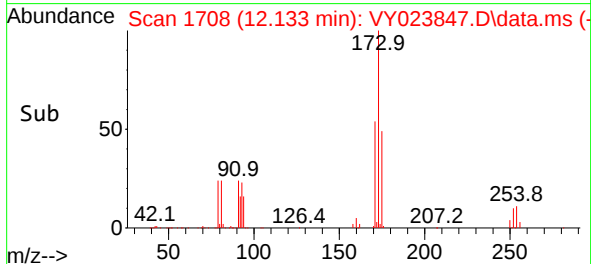
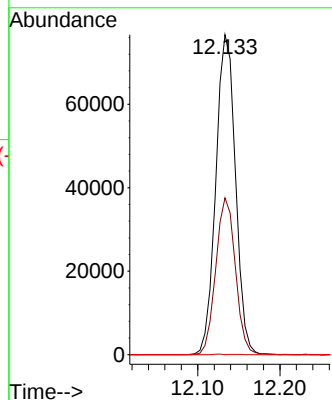
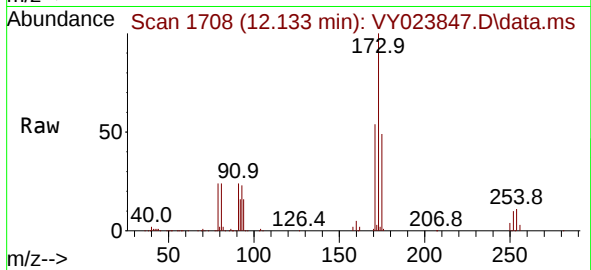
Tgt Ion:173 Resp: 127435

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

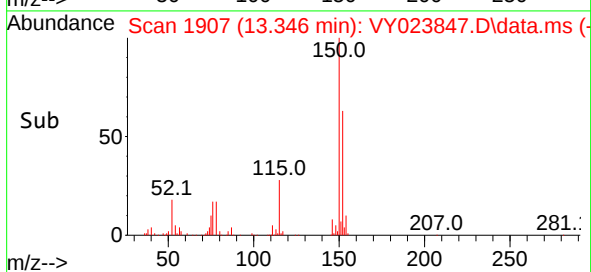
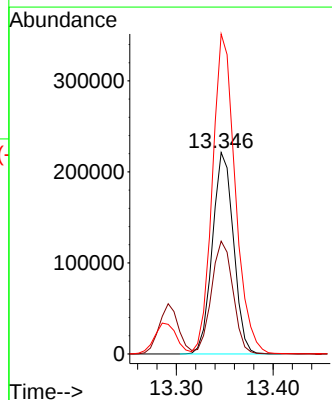
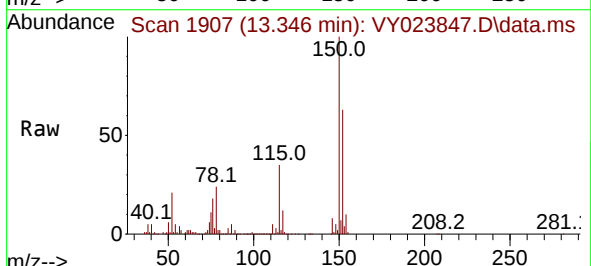
Tgt Ion:152 Resp: 335536

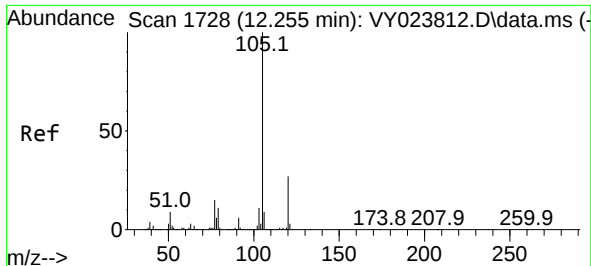
Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.3

150 171.8 0.0 345.6

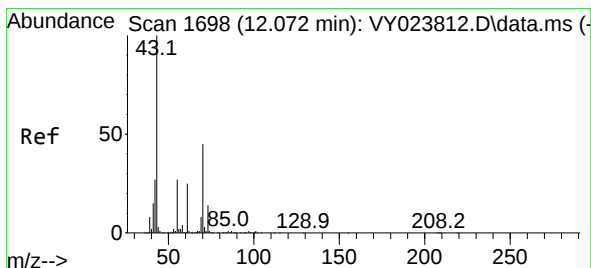
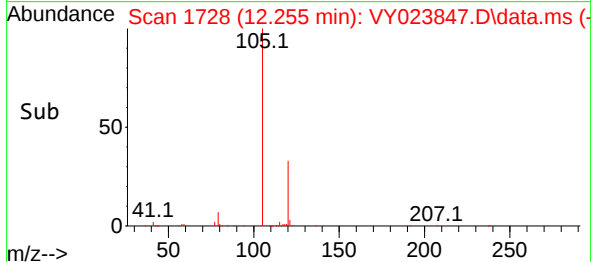
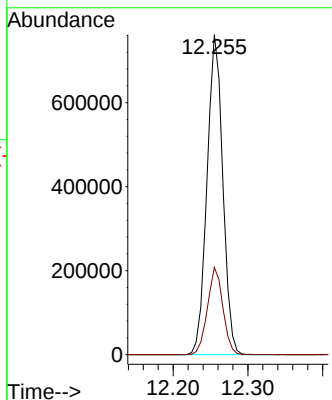
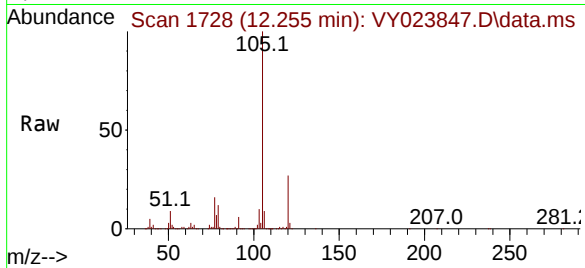




#73
Isopropylbenzene
Concen: 46.966 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

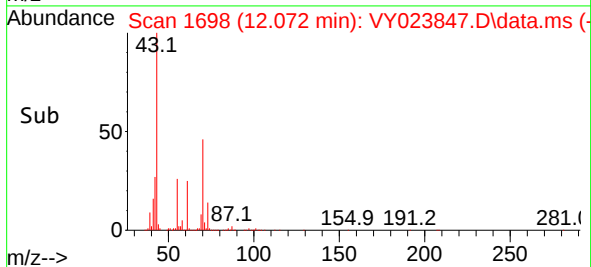
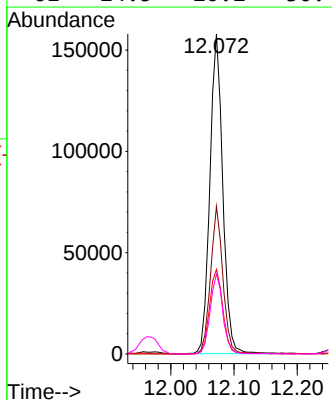
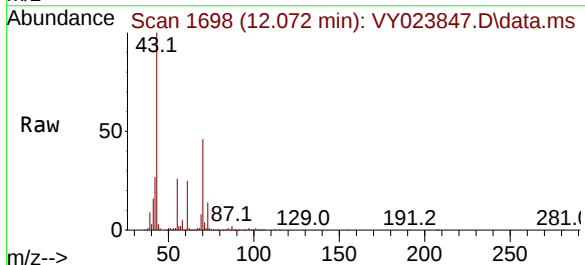
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

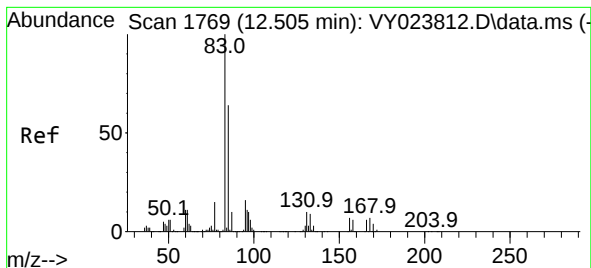
Tgt Ion:105 Resp: 1118434
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8



#74
N-ethyl acetate
Concen: 42.041 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 43 Resp: 223669
Ion Ratio Lower Upper
43 100
70 44.5 36.2 54.2
55 27.4 21.8 32.8
61 24.5 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 38.959 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

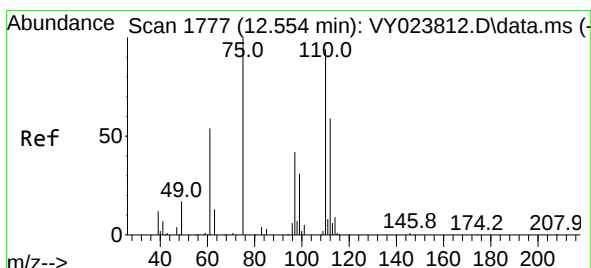
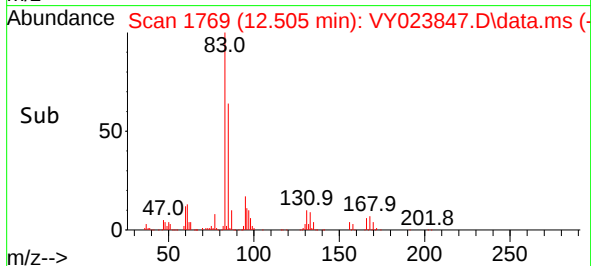
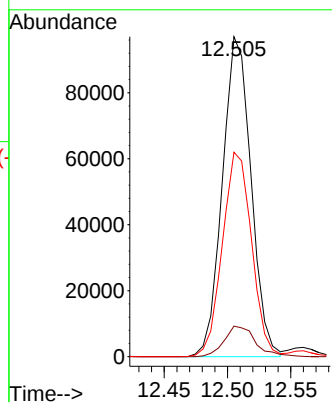
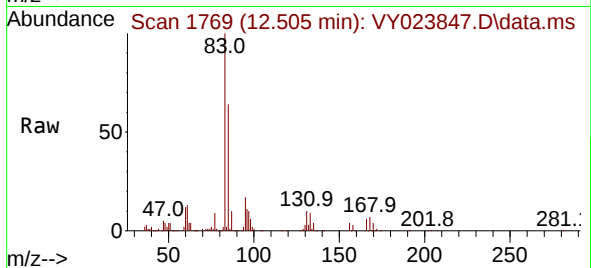
Tgt Ion: 83 Resp: 152745

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 65.1 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 80.333 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023847.D

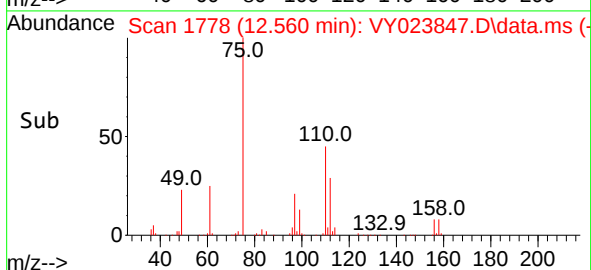
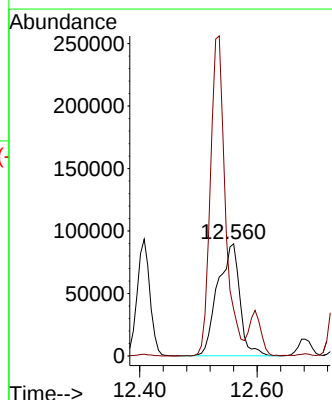
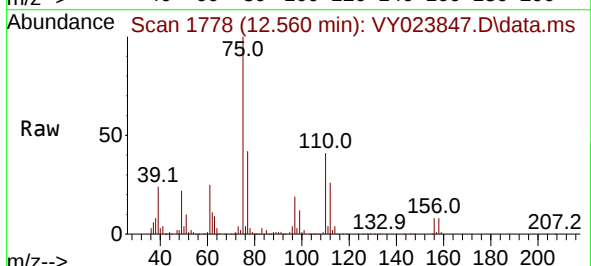
Acq: 01 Dec 2025 17:47

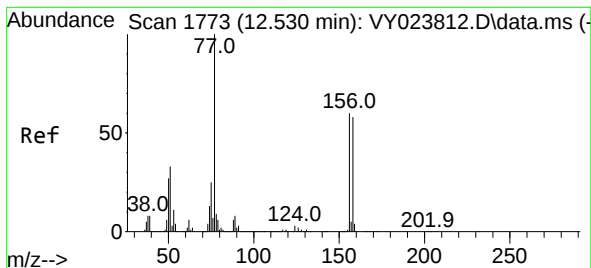
Tgt Ion: 75 Resp: 234401

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.315 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

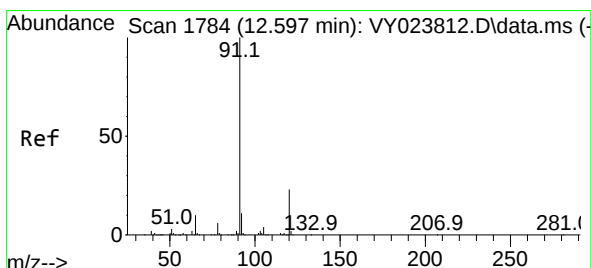
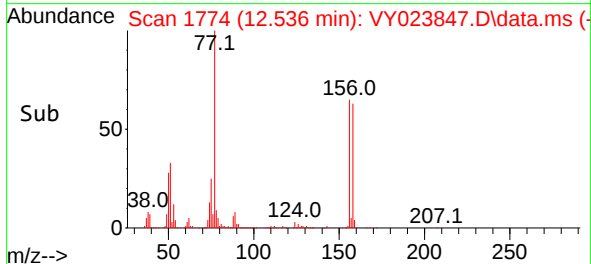
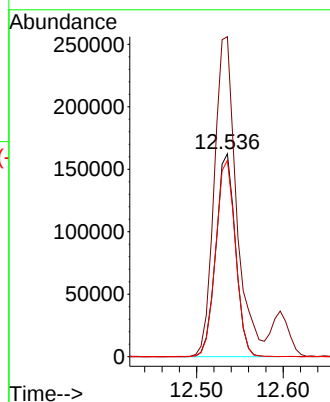
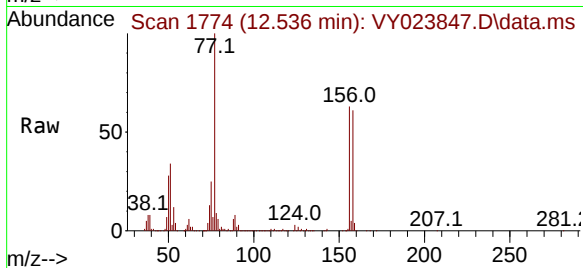
Tgt Ion:156 Resp: 253818

Ion Ratio Lower Upper

156 100

77 180.1 90.8 272.3

158 98.1 48.4 145.3



#78

n-propylbenzene

Concen: 46.579 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023847.D

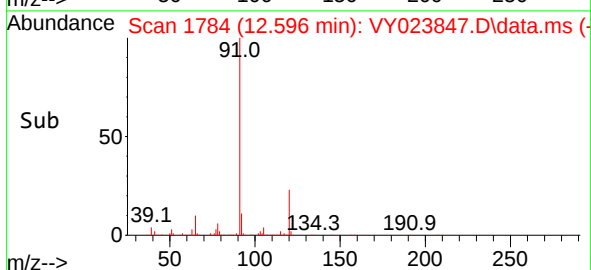
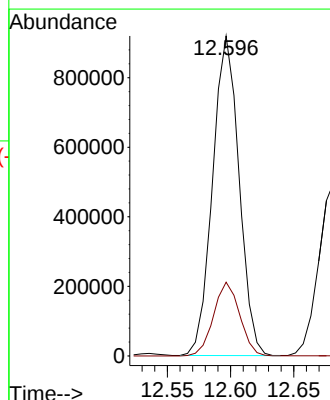
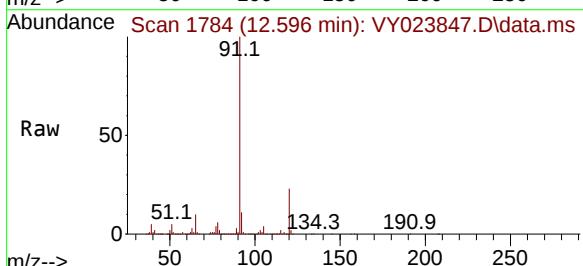
Acq: 01 Dec 2025 17:47

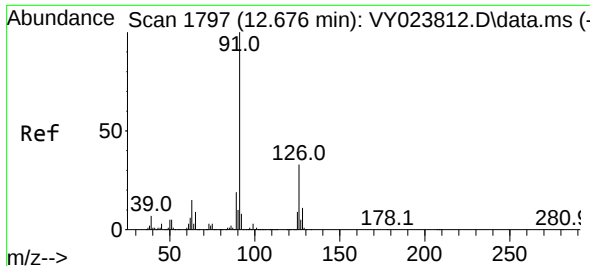
Tgt Ion: 91 Resp: 1335472

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8

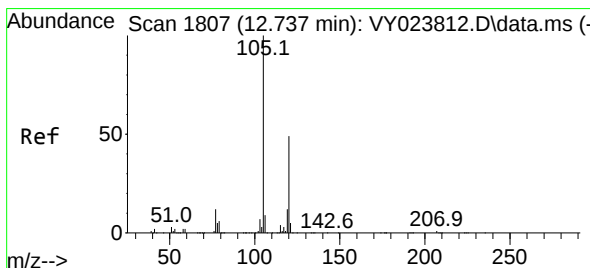
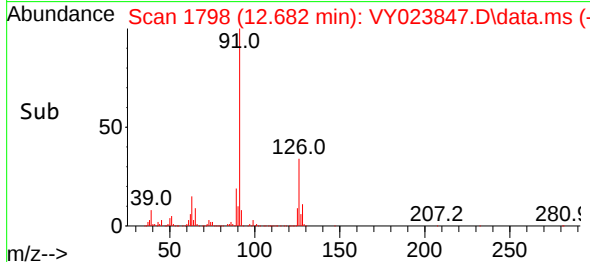
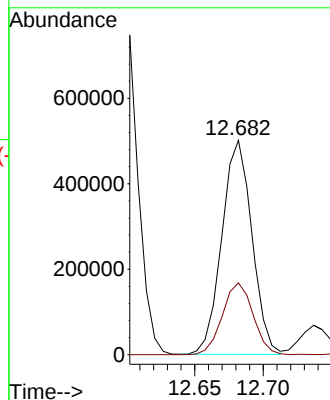
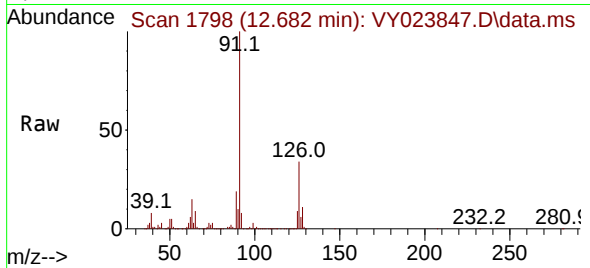




#79
2-Chlorotoluene
Concen: 46.372 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

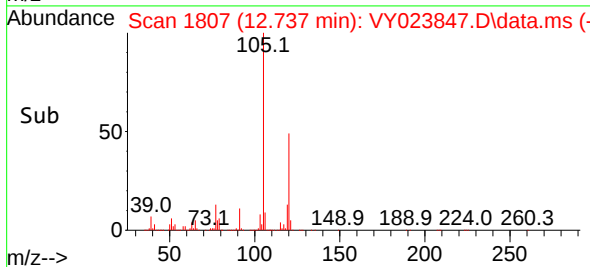
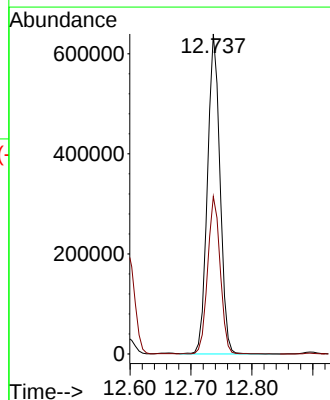
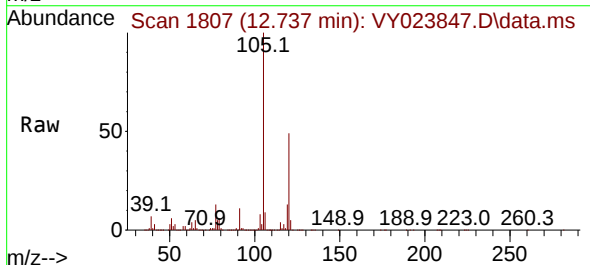
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

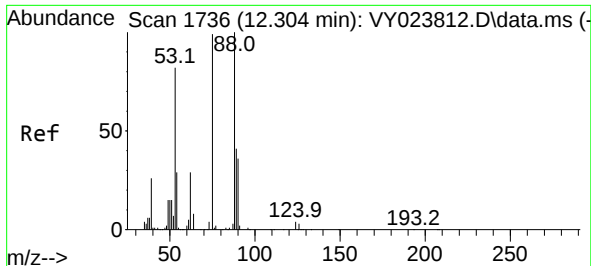
Tgt Ion: 91 Resp: 765194
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 46.983 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 105 Resp: 913368
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8

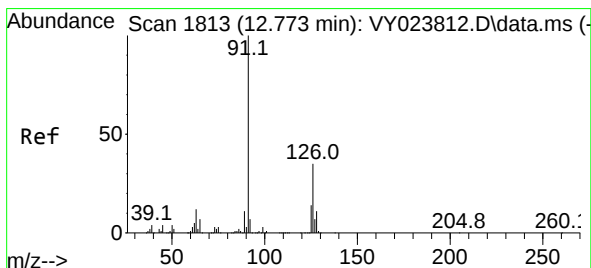
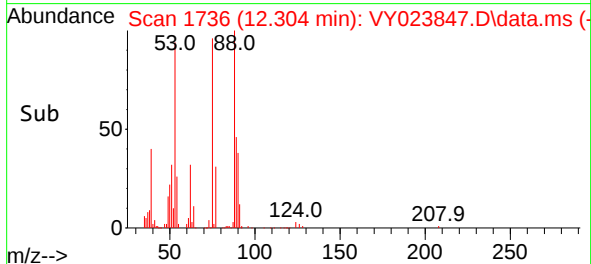
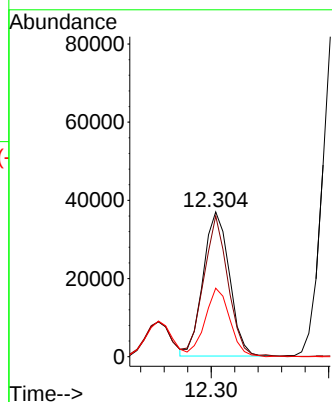
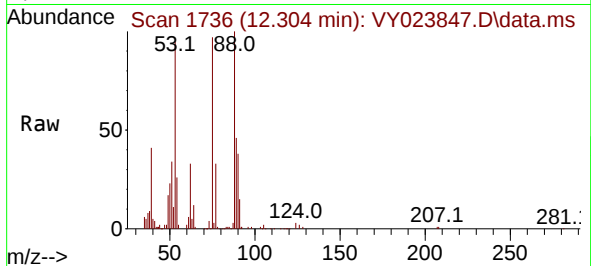




#81
trans-1,4-Dichloro-2-butene
Concen: 41.448 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

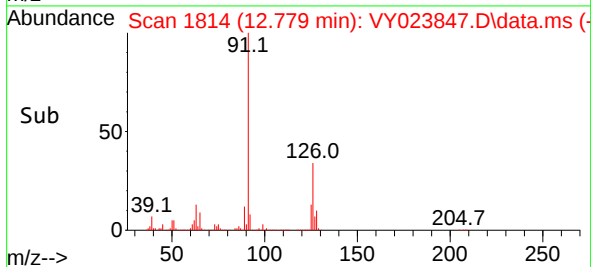
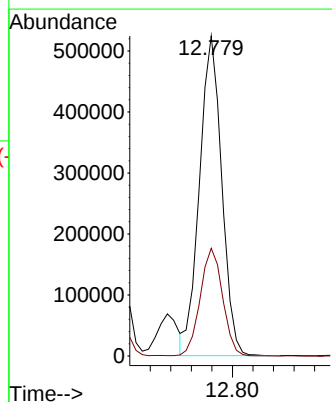
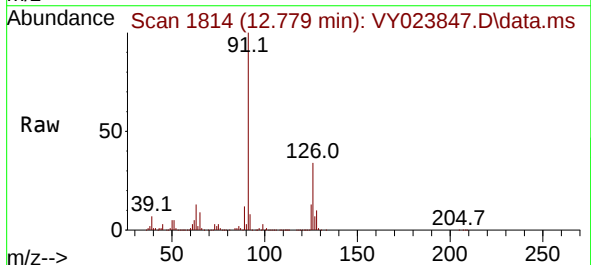
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

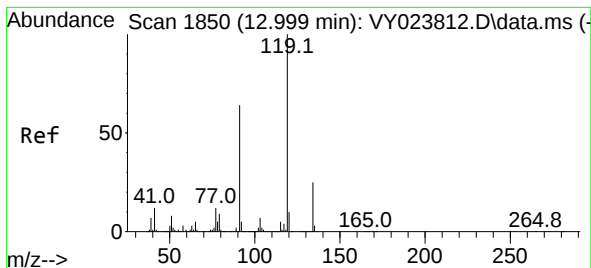
Tgt Ion: 75 Resp: 57217
Ion Ratio Lower Upper
75 100
53 91.6 71.3 106.9
89 44.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.491 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 91 Resp: 787868
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 46.169 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

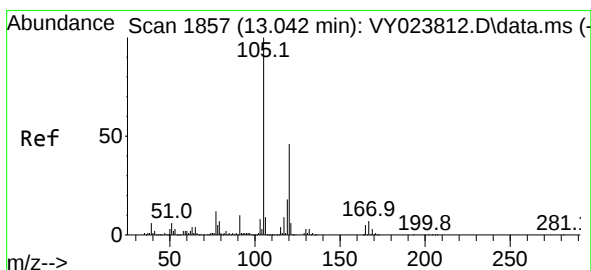
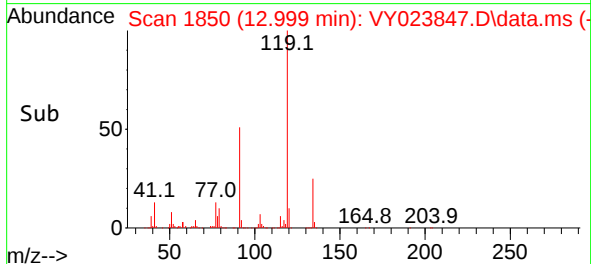
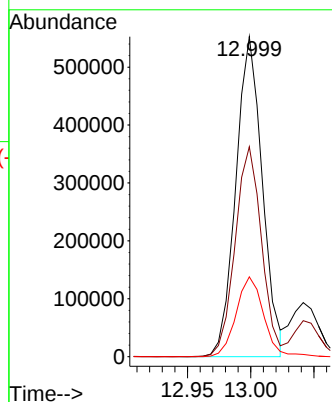
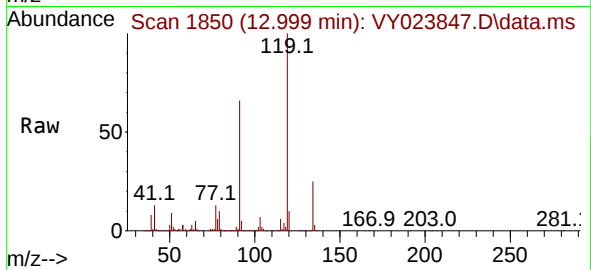
Tgt Ion:119 Resp: 806306

Ion Ratio Lower Upper

119 100

91 65.3 32.0 96.0

134 26.0 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 46.938 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023847.D

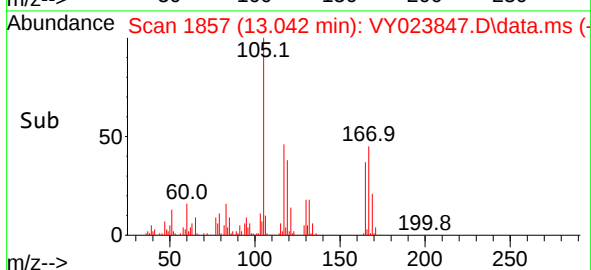
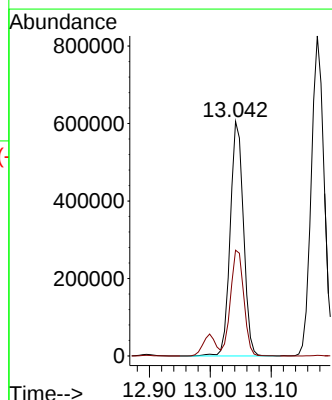
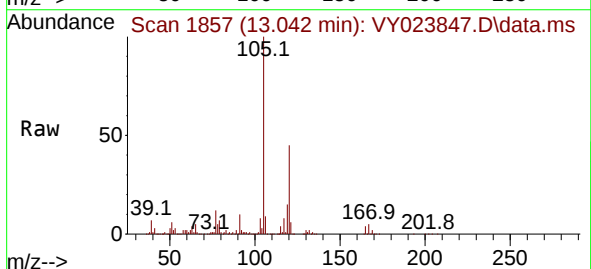
Acq: 01 Dec 2025 17:47

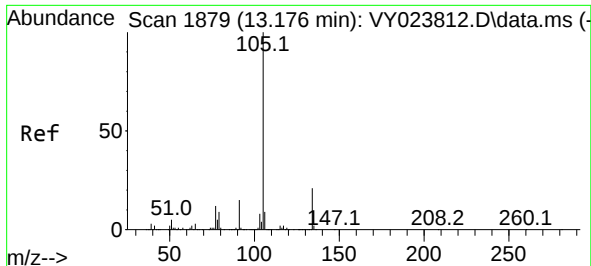
Tgt Ion:105 Resp: 911928

Ion Ratio Lower Upper

105 100

120 45.2 22.5 67.5

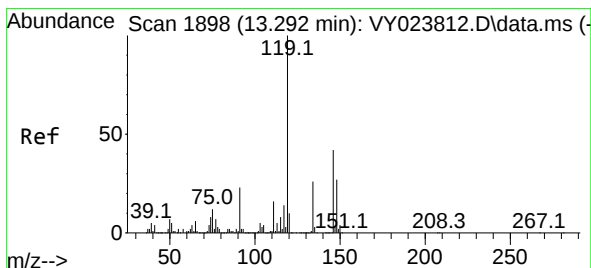
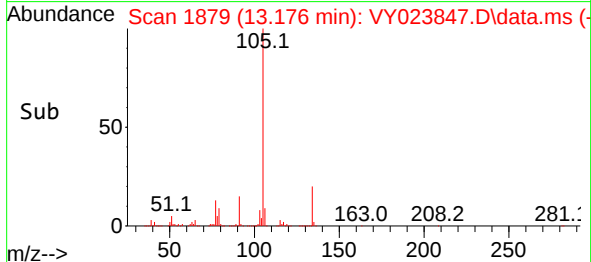
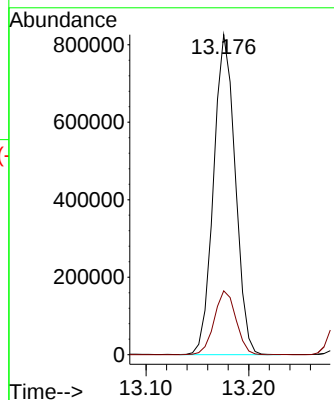
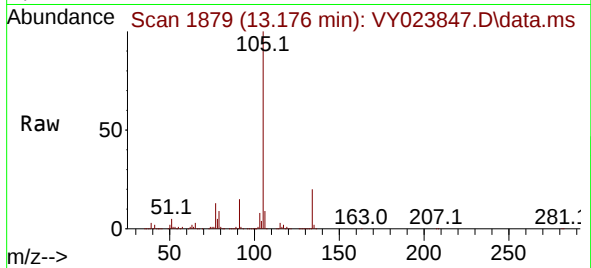




#85
 sec-Butylbenzene
 Concen: 46.842 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

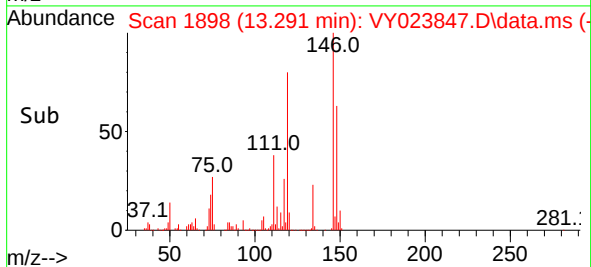
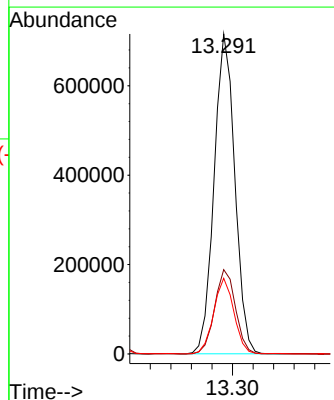
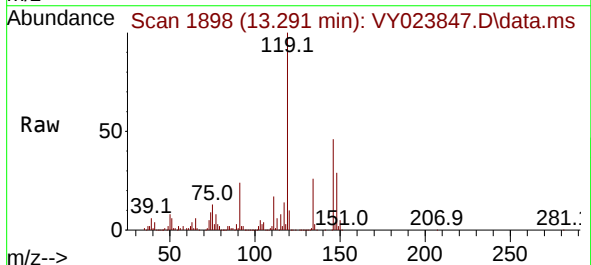
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

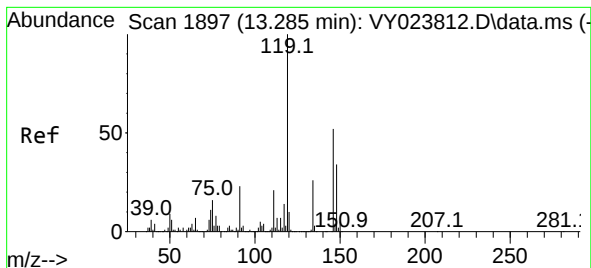
Tgt Ion:105 Resp: 1207562
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 46.374 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023847.D
 Acq: 01 Dec 2025 17:47

Tgt Ion:119 Resp: 999259
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.0 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 45.273 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

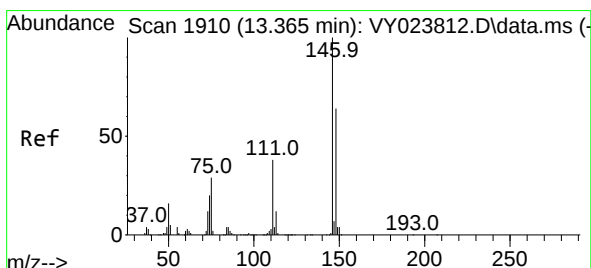
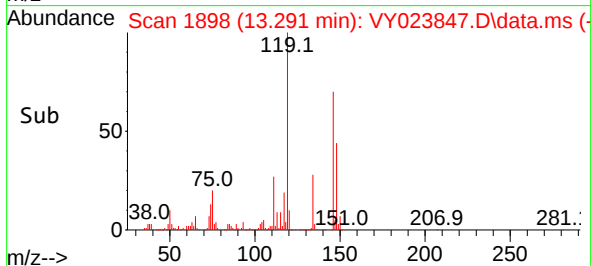
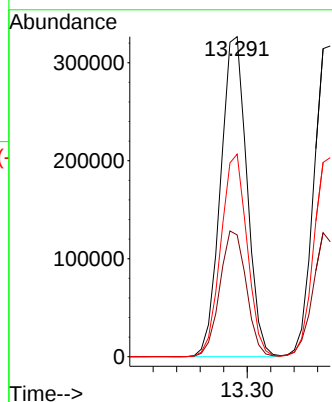
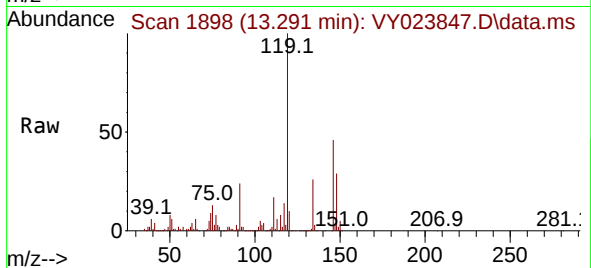
Tgt Ion:146 Resp: 508226

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 63.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 44.314 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

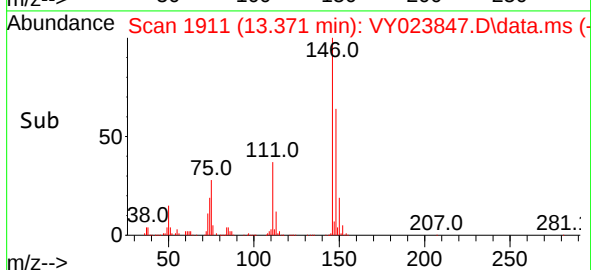
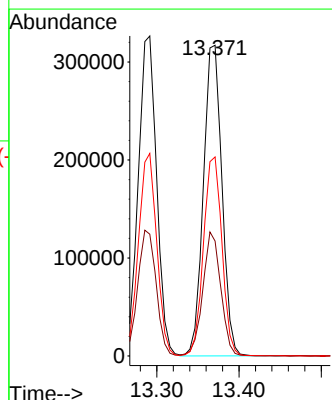
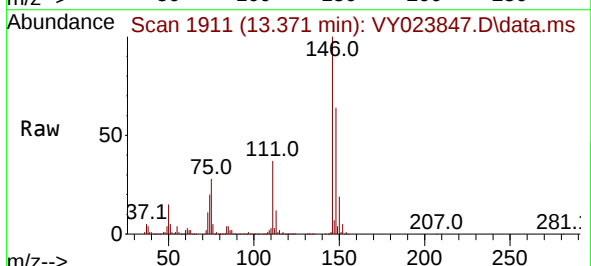
Tgt Ion:146 Resp: 496543

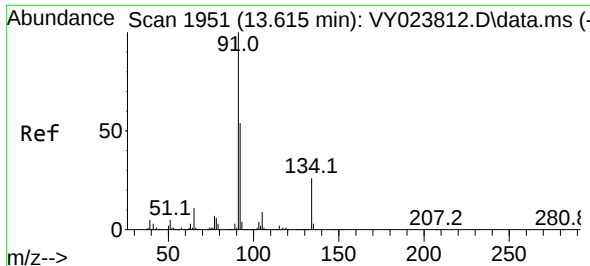
Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.9 32.0 96.0

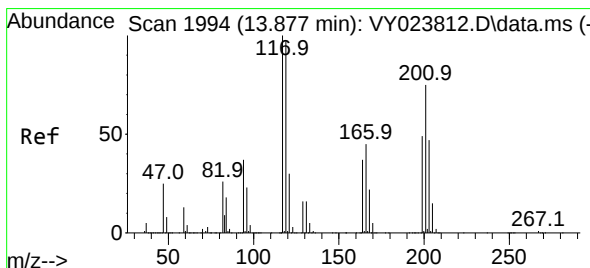
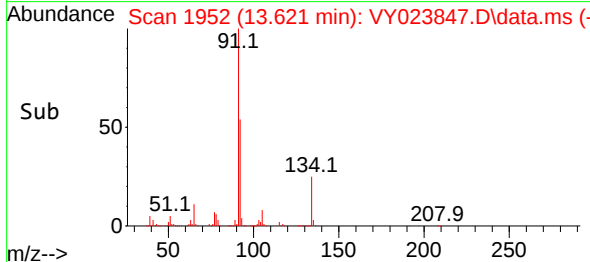
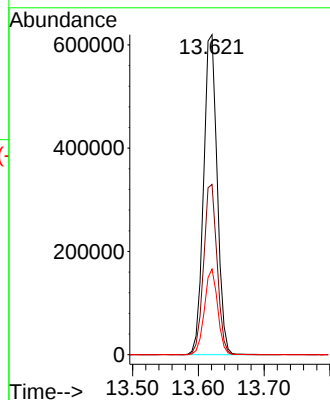
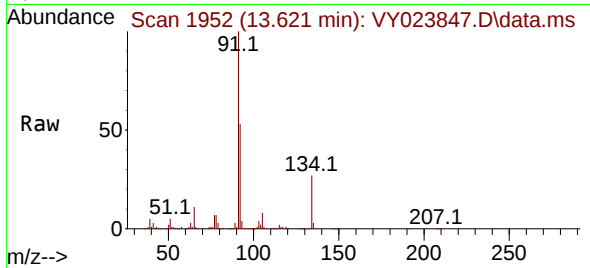




#89
n-Butylbenzene
Concen: 45.082 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

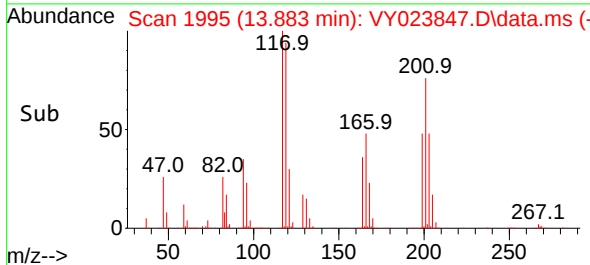
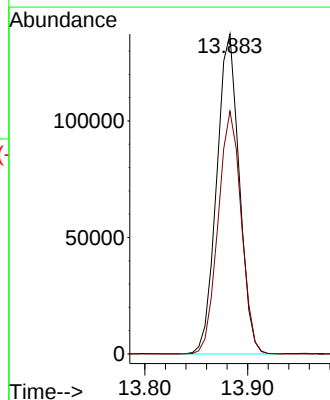
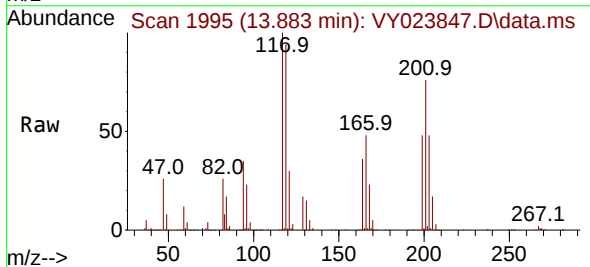
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

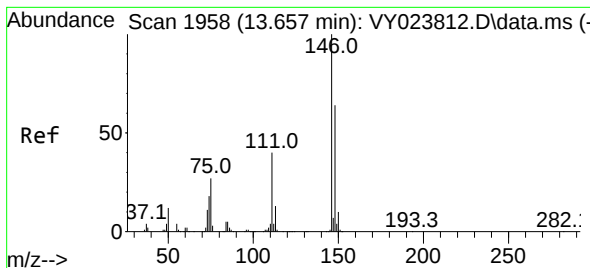
Tgt Ion: 91 Resp: 890707
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 46.319 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023847.D
Acq: 01 Dec 2025 17:47

Tgt Ion: 117 Resp: 209699
Ion Ratio Lower Upper
117 100
201 77.6 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 45.591 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

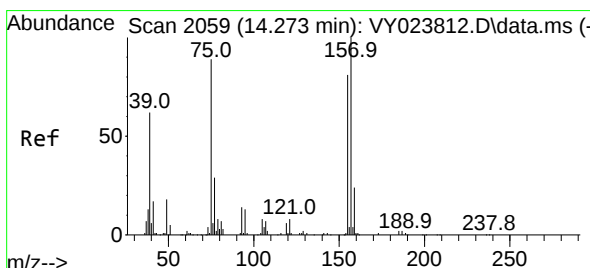
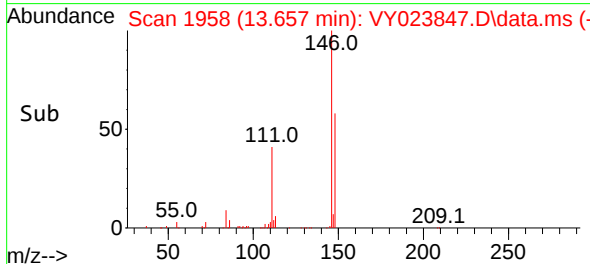
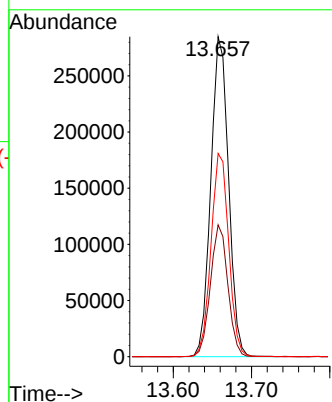
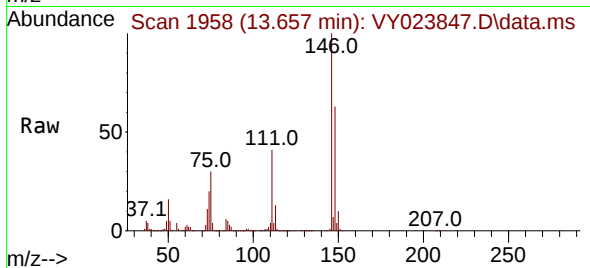
Tgt Ion:146 Resp: 447558

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.5

148 63.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.504 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

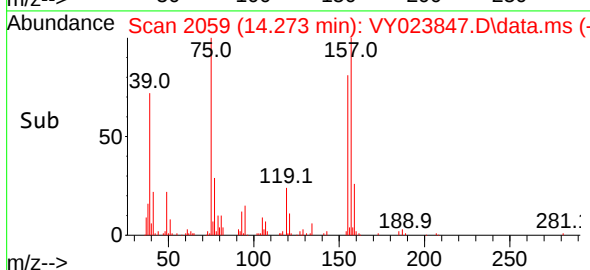
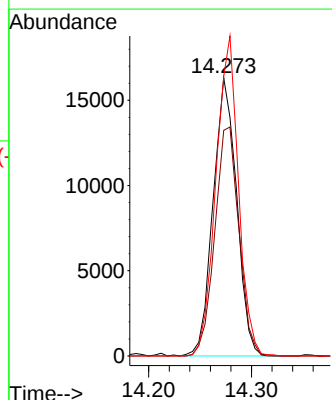
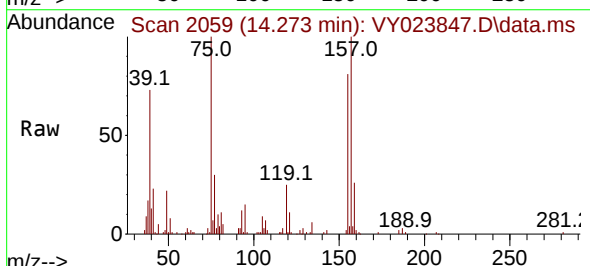
Tgt Ion: 75 Resp: 25925

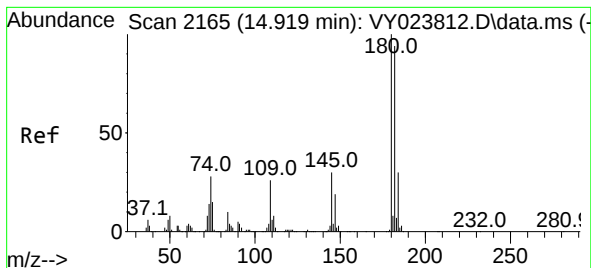
Ion Ratio Lower Upper

75 100

155 84.5 44.0 132.1

157 110.0 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 41.732 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

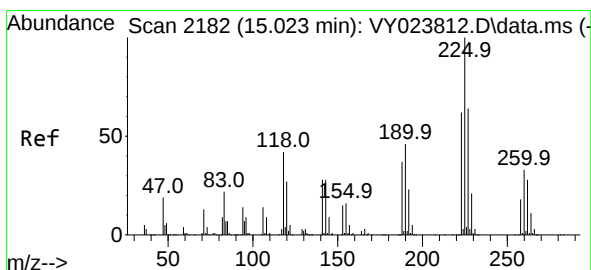
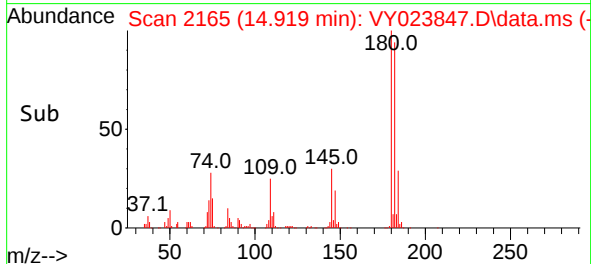
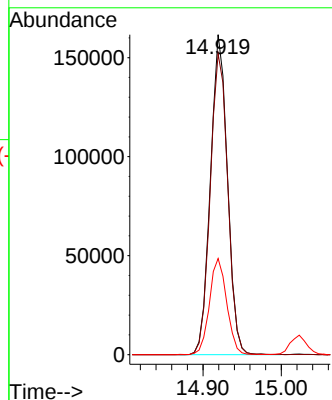
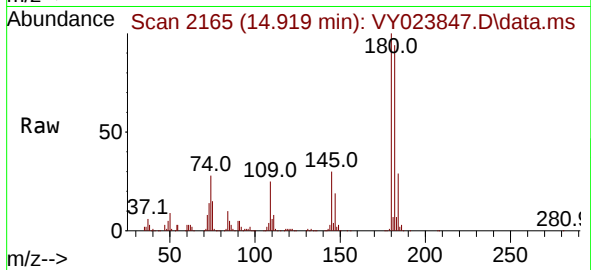
Tgt Ion:180 Resp: 244258

Ion Ratio Lower Upper

180 100

182 96.6 47.2 141.6

145 30.4 15.4 46.2



#94

Hexachlorobutadiene

Concen: 42.485 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

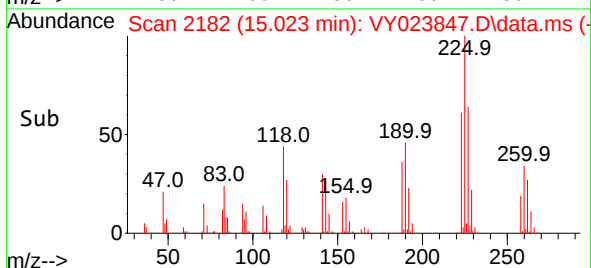
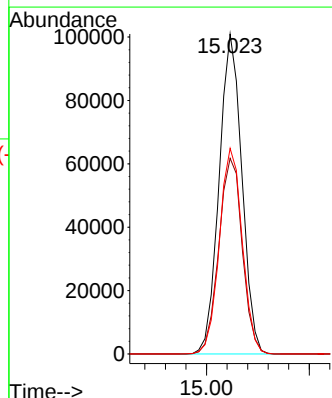
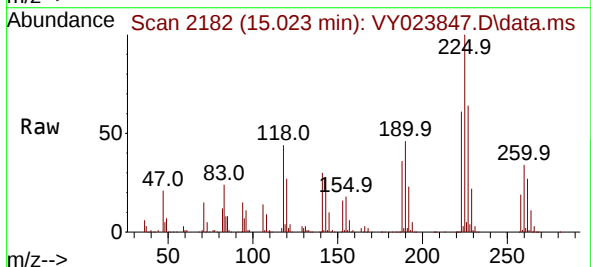
Tgt Ion:225 Resp: 154861

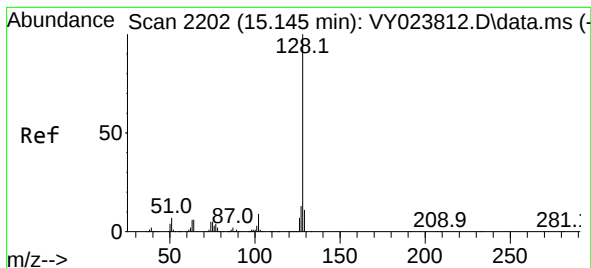
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 64.6 32.8 98.3





#95

Naphthalene

Concen: 41.364 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

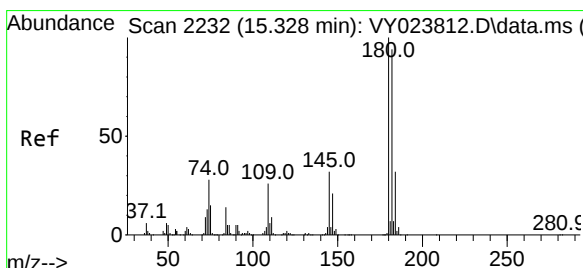
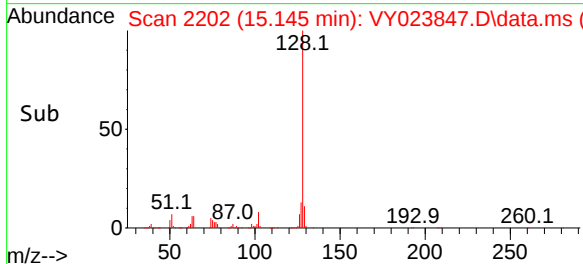
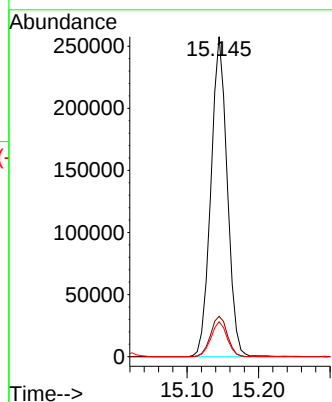
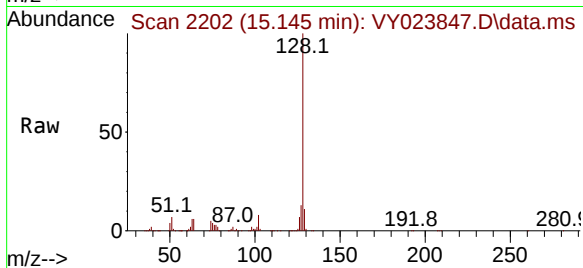
Tgt Ion:128 Resp: 408305

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 42.430 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023847.D

Acq: 01 Dec 2025 17:47

Tgt Ion:180 Resp: 211509

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

145 31.9 16.5 49.5

