

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023874.D
 Acq On : 03 Dec 2025 16:23
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 04 03:41:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:37:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	474703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	762810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	645494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	317927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21111	4.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	8.900%#
35) Dibromofluoromethane	7.640	113	20238	4.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	8.280%#
50) Toluene-d8	10.109	98	81132	4.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.520%#
62) 4-Bromofluorobenzene	12.408	95	30562	4.706	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.420%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	18018	5.018	ug/l	96
3) Chloromethane	2.074	50	27697	5.408	ug/l	95
4) Vinyl Chloride	2.208	62	28262	4.837	ug/l	93
5) Bromomethane	2.604	94	24863	5.894	ug/l	99
6) Chloroethane	2.745	64	20986	5.298	ug/l	97
7) Trichlorofluoromethane	3.068	101	41768	5.113	ug/l	100
8) Diethyl Ether	3.464	74	12280	5.018	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	25595	5.229	ug/l	97
10) Methyl Iodide	4.013	142	19168	5.800	ug/l	99
11) Tert butyl alcohol	4.860	59	13227	27.637	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	21876	4.784	ug/l	94
13) Acrolein	3.665	56	6719	22.664	ug/l	94
14) Allyl chloride	4.397	41	35157	4.808	ug/l	99
15) Acrylonitrile	5.067	53	25012	23.482	ug/l	97
16) Acetone	3.873	43	36588	25.712	ug/l	99
17) Carbon Disulfide	4.116	76	60654	4.489	ug/l	99
18) Methyl Acetate	4.391	43	11700	4.847	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	53262	4.637	ug/l	97
20) Methylene Chloride	4.622	84	43003	6.775	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	25004	4.956	ug/l	100
22) Diisopropyl ether	6.025	45	74629	4.636	ug/l	93
23) Vinyl Acetate	5.970	43	189559	21.242	ug/l	99
24) 1,1-Dichloroethane	5.915	63	46977	5.050	ug/l	98
25) 2-Butanone	6.909	43	42941	25.033	ug/l	94
26) 2,2-Dichloropropane	6.890	77	47331	5.552	ug/l	91
27) cis-1,2-Dichloroethene	6.896	96	29228	4.989	ug/l	95
28) Bromochloromethane	7.244	49	18085	5.089	ug/l	94
29) Tetrahydrofuran	7.274	42	19035	21.456	ug/l	99
30) Chloroform	7.421	83	48600	5.171	ug/l	99
31) Cyclohexane	7.707	56	45882	5.159	ug/l #	77
32) 1,1,1-Trichloroethane	7.622	97	43564	5.134	ug/l	99
36) 1,1-Dichloropropene	7.841	75	33191	4.601	ug/l	98
37) Ethyl Acetate	6.988	43	14219	4.268	ug/l #	93
38) Carbon Tetrachloride	7.817	117	38745	4.866	ug/l	97
39) Methylcyclohexane	9.109	83	40100	4.270	ug/l	98
40) Benzene	8.079	78	105496	4.838	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	6079	3.539	ug/l #	20
42) 1,2-Dichloroethane	8.158	62	27239	4.787	ug/l	99
43) Isopropyl Acetate	8.201	43	26721	4.287	ug/l #	91
44) Trichloroethene	8.866	130	27553	4.911	ug/l	95
45) 1,2-Dichloropropane	9.140	63	24705	4.785	ug/l	98
46) Dibromomethane	9.231	93	13417	4.800	ug/l	98
47) Bromodichloromethane	9.426	83	35626	4.831	ug/l	98
48) Methyl methacrylate	9.225	41	10707	3.677	ug/l	86
49) 1,4-Dioxane	9.237	88	2912	93.693	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	65984	20.133	ug/l	95
52) Toluene	10.170	92	61428	4.499	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	29288	4.400	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	35136	4.483	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	18101	4.797	ug/l	95
56) Ethyl methacrylate	10.438	69	18369	7.209	ug/l	97
57) 1,3-Dichloropropane	10.719	76	30696	4.723	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	36256	28.963	ug/l	97
59) 2-Hexanone	10.762	43	48466	19.607	ug/l	100
60) Dibromochloromethane	10.908	129	24216	4.786	ug/l	98
61) 1,2-Dibromoethane	11.018	107	15401	4.479	ug/l	97
64) Tetrachloroethene	10.646	164	31020	4.911	ug/l	93
65) Chlorobenzene	11.444	112	72082	4.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	24192	4.813	ug/l	96
67) Ethyl Benzene	11.518	91	116453	4.572	ug/l	97
68) m/p-Xylenes	11.627	106	86304	8.865	ug/l	99
69) o-Xylene	11.956	106	39543	4.343	ug/l	95
70) Styrene	11.969	104	65160	4.341	ug/l	98
71) Bromoform	12.133	173	13102	4.613	ug/l #	97
73) Isopropylbenzene	12.255	105	104866	4.477	ug/l	98
74) N-amyl acetate	12.072	43	19729	3.886	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	17437	4.614	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	24346	7.724	ug/l #	100
77) Bromobenzene	12.530	156	26926	4.950	ug/l	99
78) n-propylbenzene	12.597	91	130058	4.601	ug/l	100
79) 2-Chlorotoluene	12.682	91	77538	4.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	87840	4.615	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	5688	4.322	ug/l	92
82) 4-Chlorotoluene	12.779	91	81236	4.881	ug/l	99
83) tert-Butylbenzene	12.999	119	78181	4.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	84538	4.484	ug/l	98
85) sec-Butylbenzene	13.176	105	117932	4.620	ug/l	100
86) p-Isopropyltoluene	13.292	119	94033	4.449	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	56628	5.167	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	56715	5.277	ug/l	95
89) n-Butylbenzene	13.621	91	88601	4.530	ug/l	98
90) Hexachloroethane	13.877	117	21947	4.950	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	48782	5.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2727	4.589	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	28570	5.055	ug/l	100
94) Hexachlorobutadiene	15.017	225	18175	5.126	ug/l	98
95) Naphthalene	15.145	128	41125	4.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	24455	5.070	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

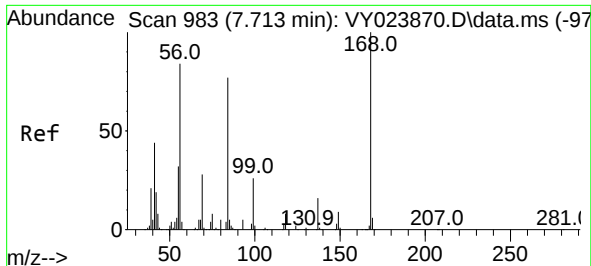
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:37:03 2025
Response via : Initial Calibration

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

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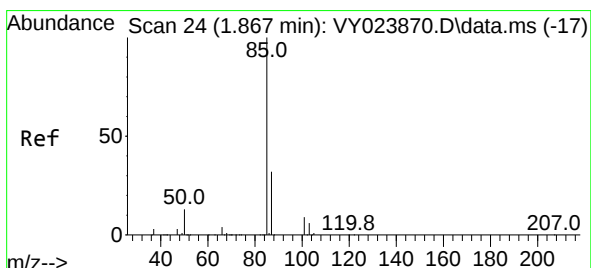
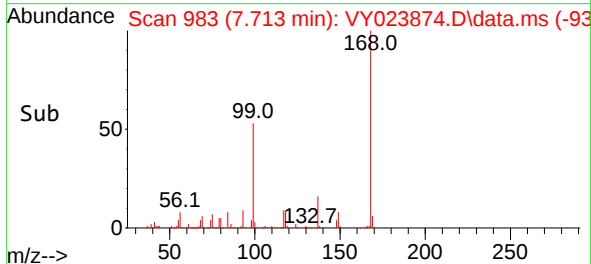
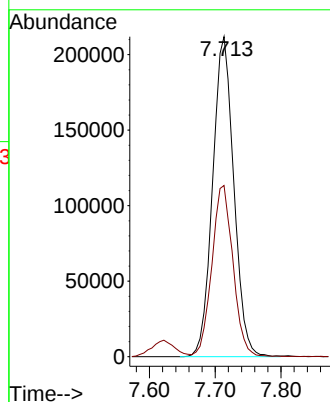
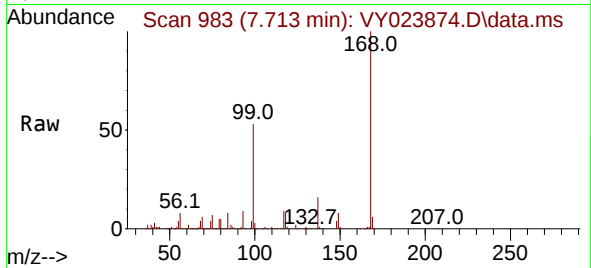




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

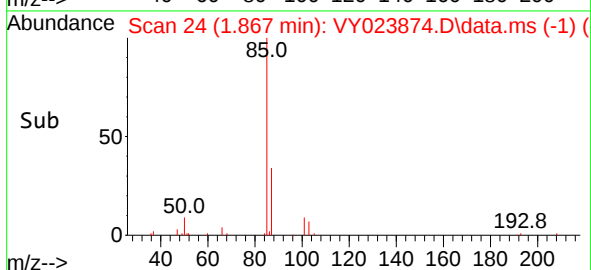
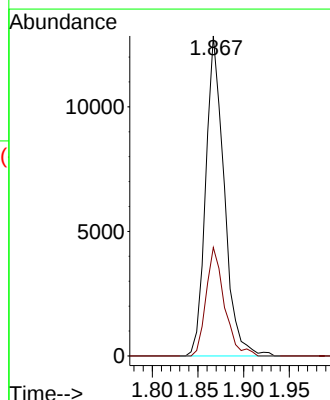
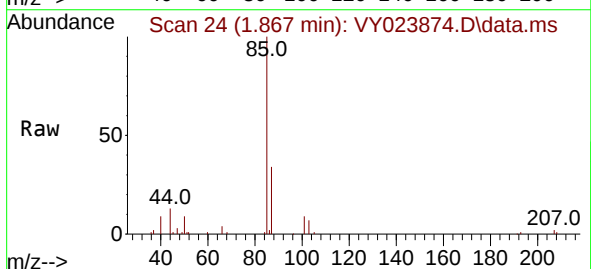
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

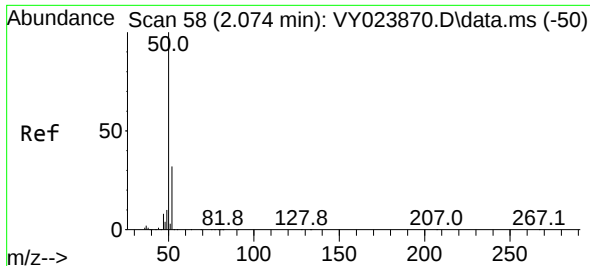
Tgt Ion:168 Resp: 474703
Ion Ratio Lower Upper
168 100
99 53.4 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 5.018 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 85 Resp: 18018
Ion Ratio Lower Upper
85 100
87 33.9 15.9 47.6

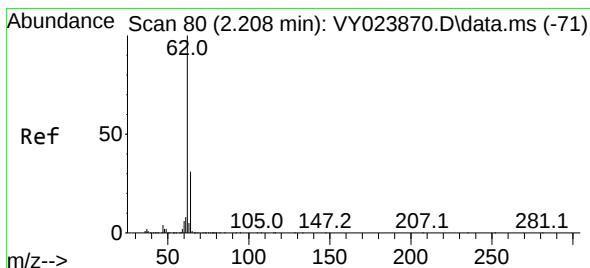
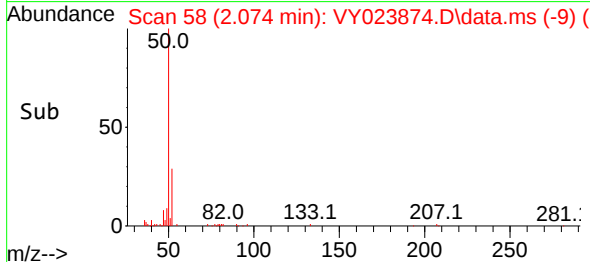
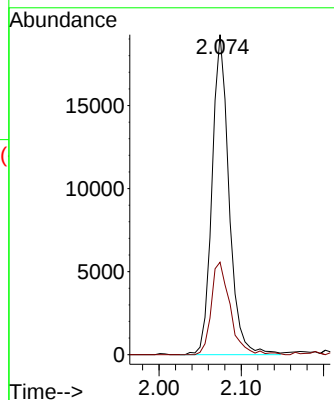
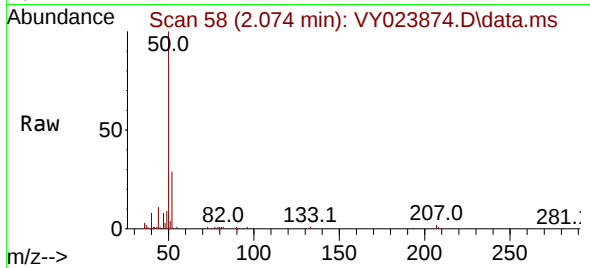




#3
Chloromethane
Concen: 5.408 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

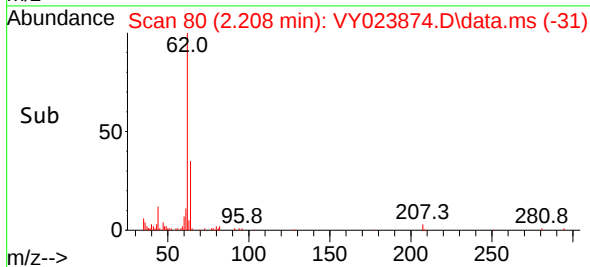
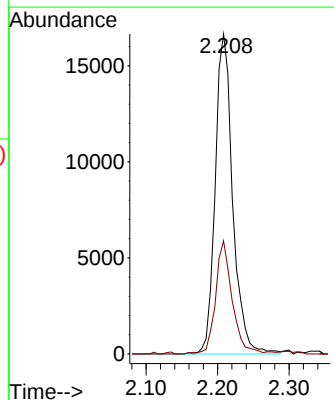
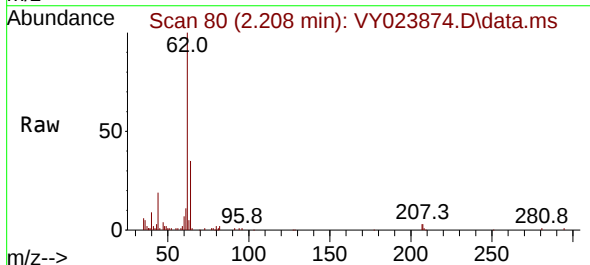
Instrument :
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ClientSampleId :
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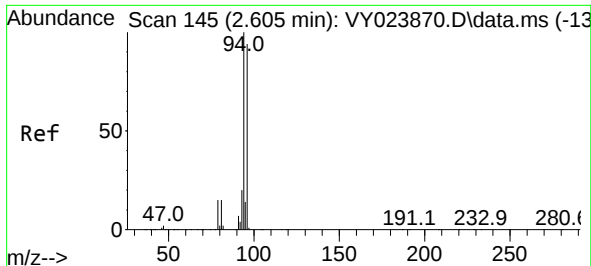
Tgt Ion: 50 Resp: 27697
Ion Ratio Lower Upper
50 100
52 28.9 25.2 37.8



#4
Vinyl Chloride
Concen: 4.837 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 62 Resp: 28262
Ion Ratio Lower Upper
62 100
64 35.4 25.1 37.7

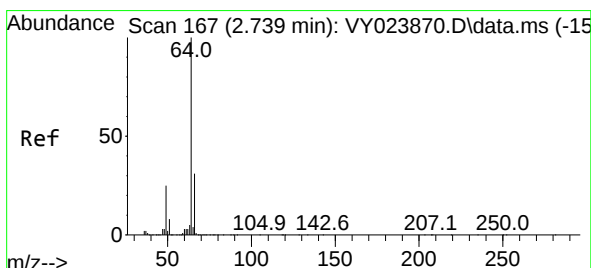
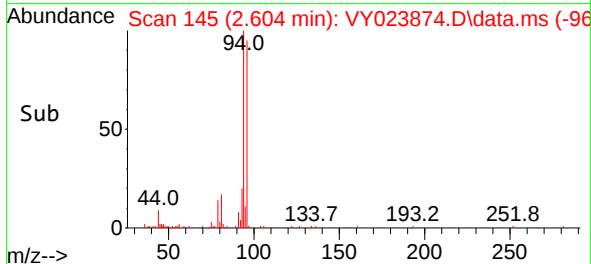
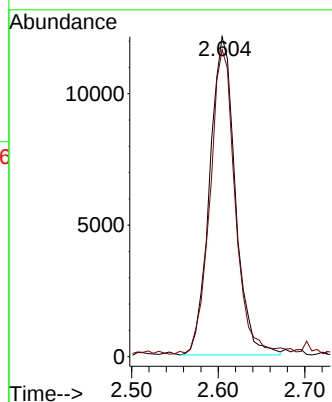
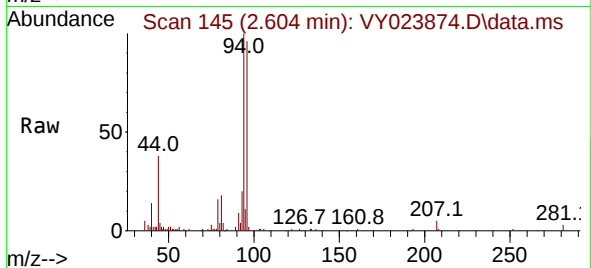




#5
Bromomethane
Concen: 5.894 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

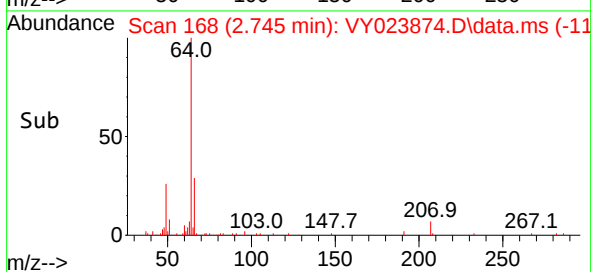
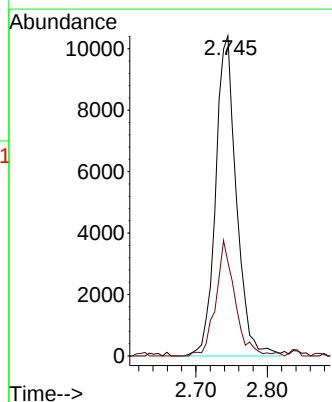
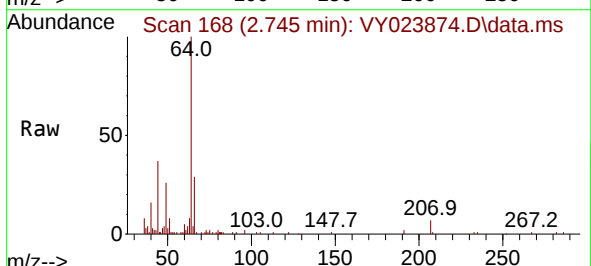
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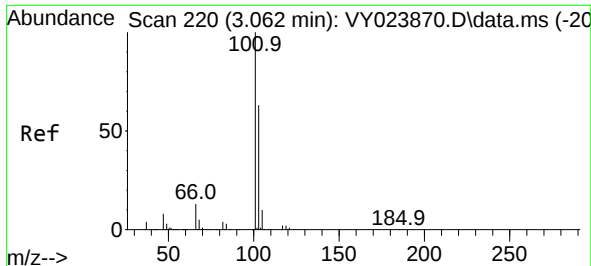
Tgt Ion: 94 Resp: 24863
Ion Ratio Lower Upper
94 100
96 94.8 75.2 112.8



#6
Chloroethane
Concen: 5.298 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 64 Resp: 20986
Ion Ratio Lower Upper
64 100
66 29.3 24.8 37.2

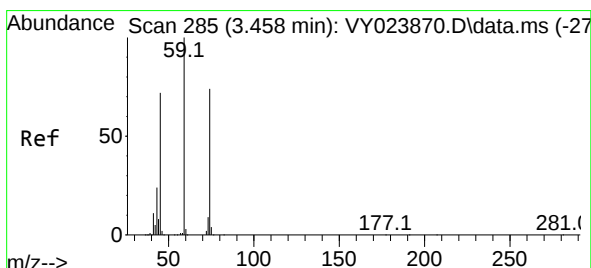
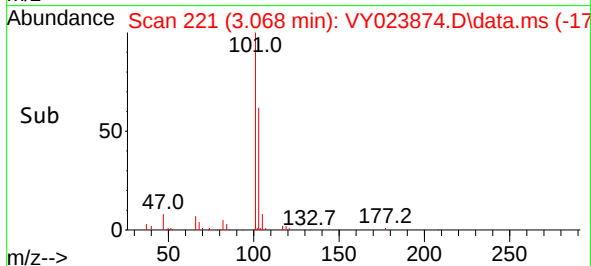
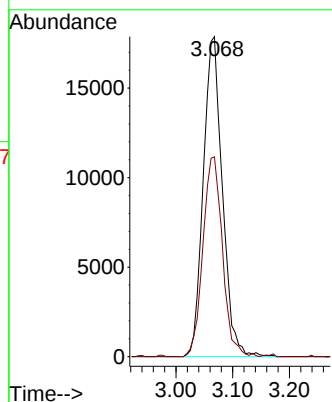
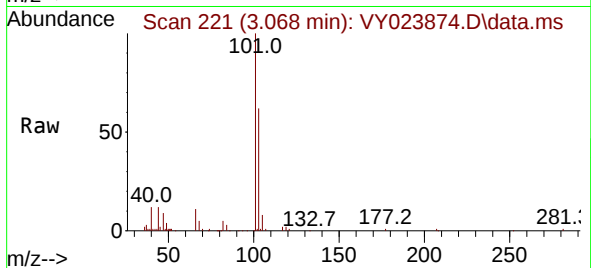




#7
Trichlorofluoromethane
Concen: 5.113 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

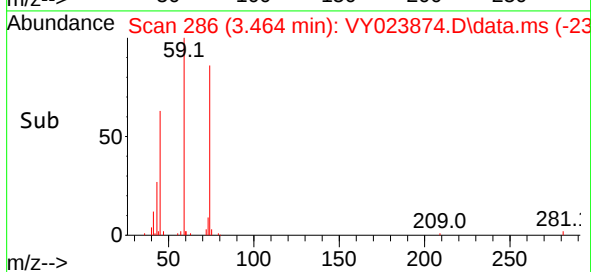
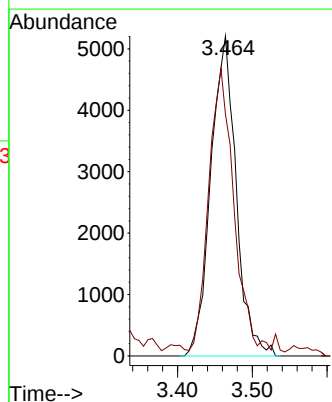
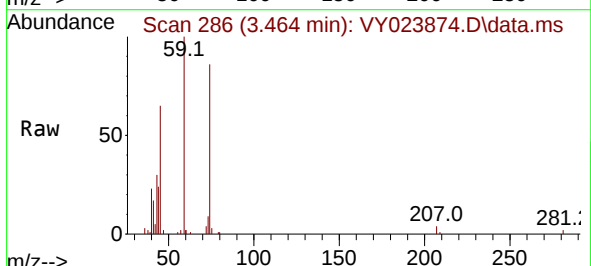
Instrument :
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VSTDICC005

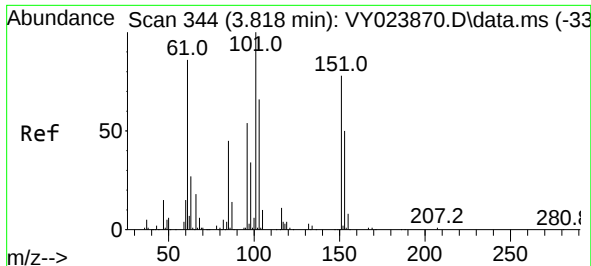
Tgt Ion:101 Resp: 41768
Ion Ratio Lower Upper
101 100
103 62.4 50.2 75.2



#8
Diethyl Ether
Concen: 5.018 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 74 Resp: 12280
Ion Ratio Lower Upper
74 100
45 87.8 48.4 145.3

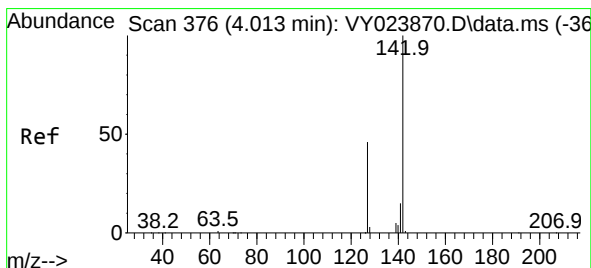
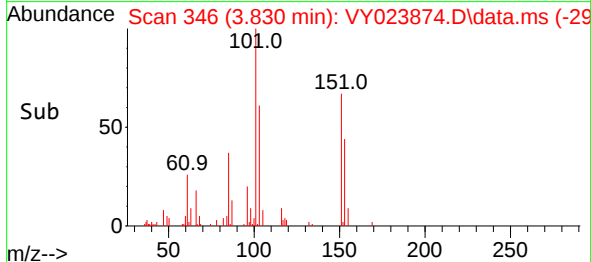
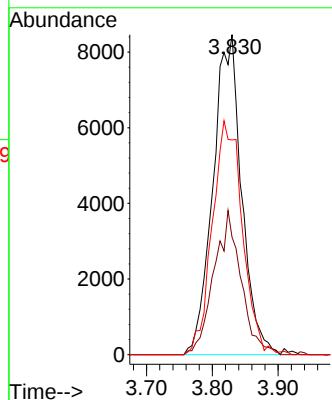
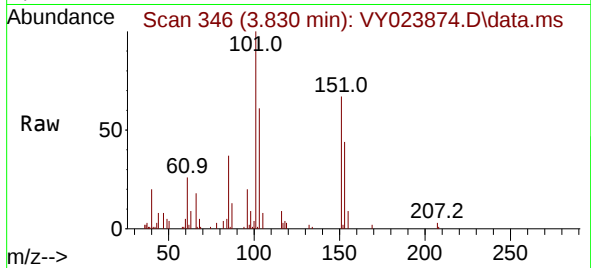




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.229 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

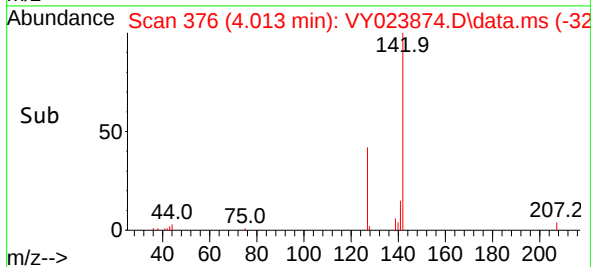
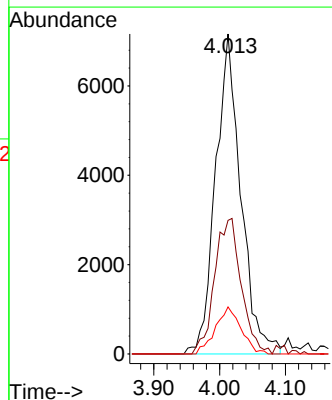
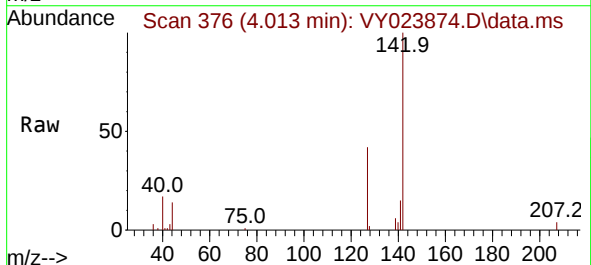
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

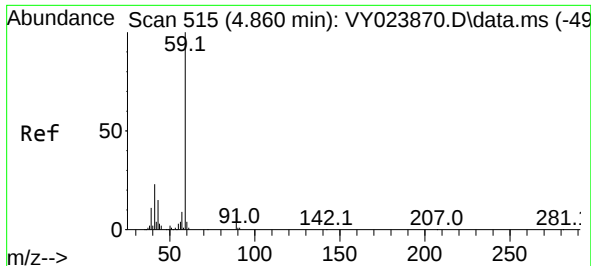
Tgt Ion:101 Resp: 25595
Ion Ratio Lower Upper
101 100
85 42.7 35.8 53.8
151 76.9 63.4 95.0



#10
Methyl Iodide
Concen: 5.800 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:142 Resp: 19168
Ion Ratio Lower Upper
142 100
127 44.6 36.1 54.1
141 14.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 27.637 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

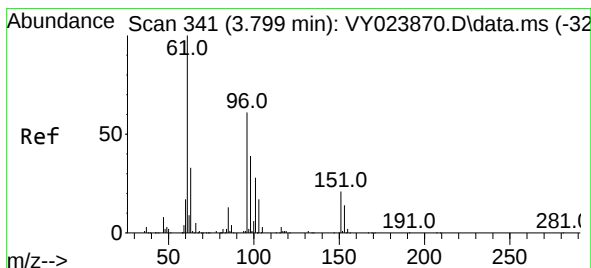
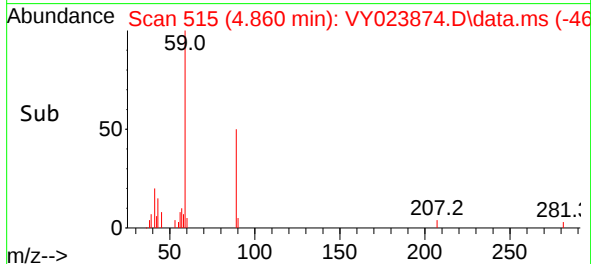
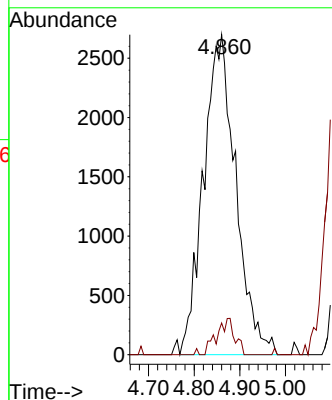
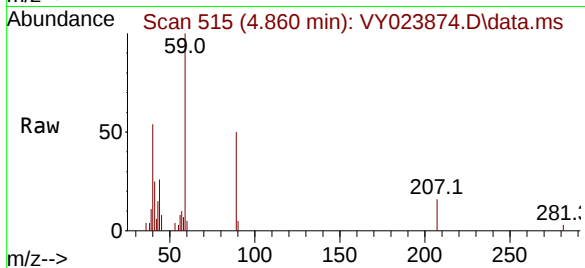
VSTDICC005

Tgt Ion: 59 Resp: 13227

Ion Ratio Lower Upper

59 100

57 6.3 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 4.784 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

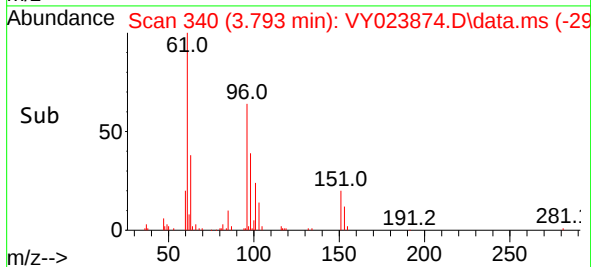
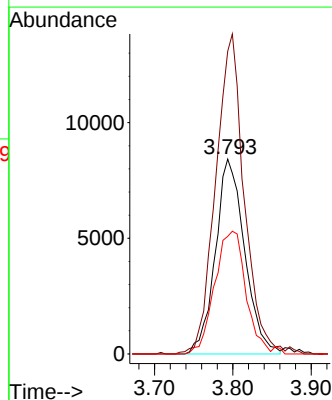
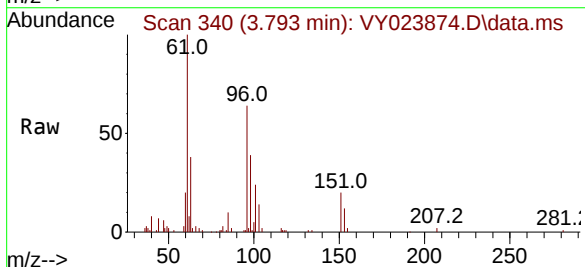
Tgt Ion: 96 Resp: 21876

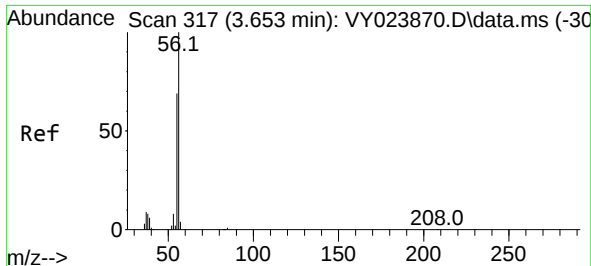
Ion Ratio Lower Upper

96 100

61 154.5 131.2 196.8

98 60.4 51.3 76.9

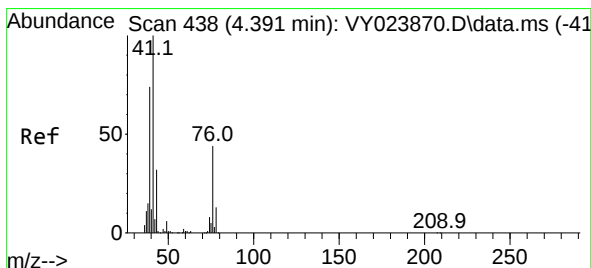
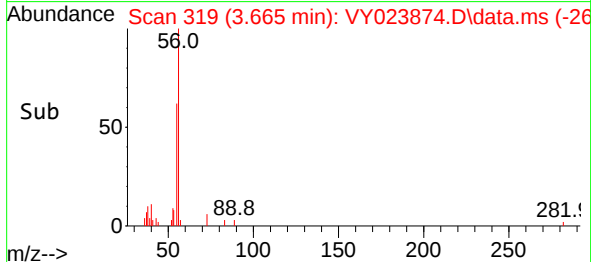
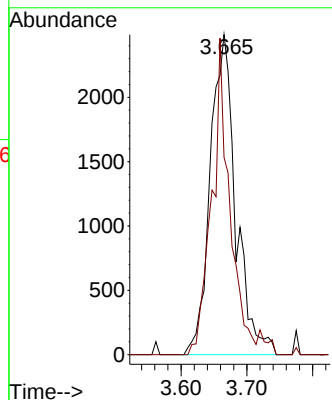
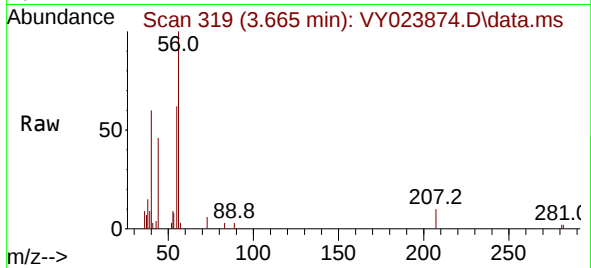




#13
Acrolein
Concen: 22.664 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

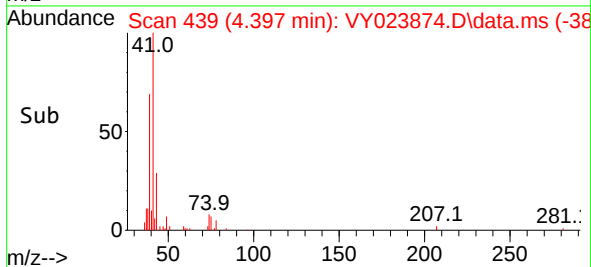
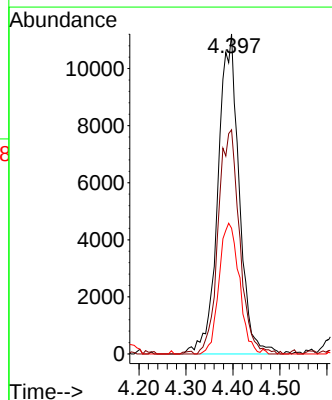
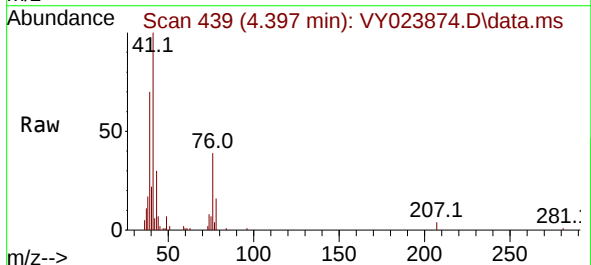
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

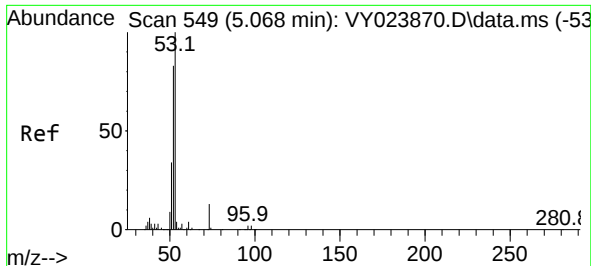
Tgt Ion: 56 Resp: 6719
Ion Ratio Lower Upper
56 100
55 68.9 59.0 88.6



#14
Allyl chloride
Concen: 4.808 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 41 Resp: 35157
Ion Ratio Lower Upper
41 100
39 70.6 57.4 86.0
76 39.0 30.8 46.2

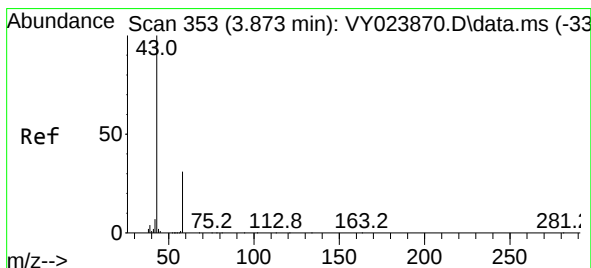
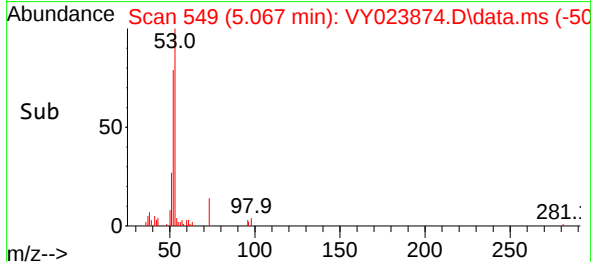
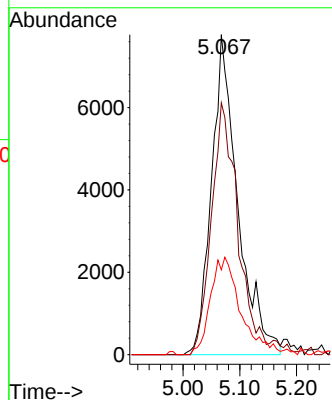
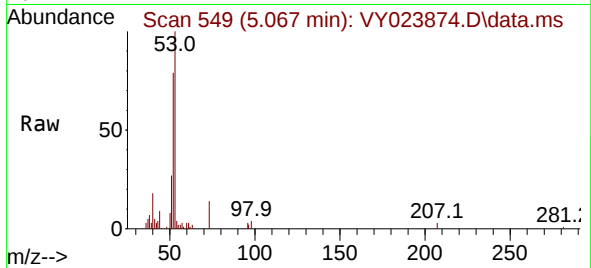




#15
Acrylonitrile
Concen: 23.482 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

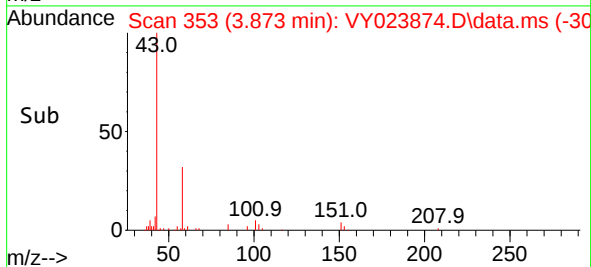
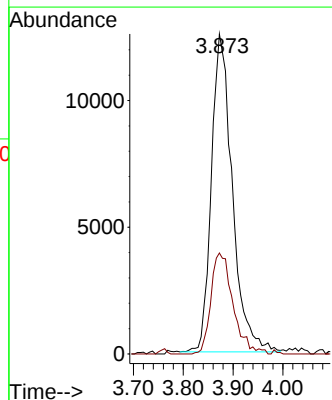
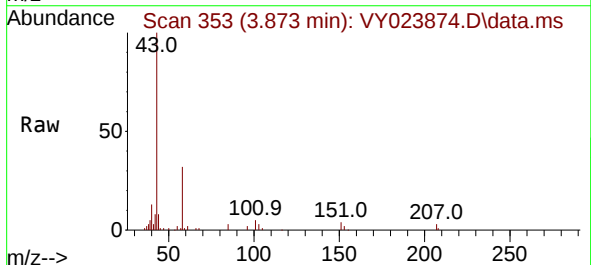
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

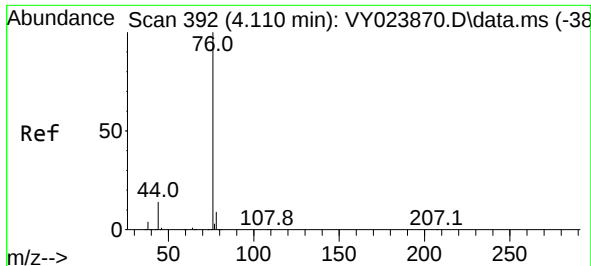
Tgt Ion: 53	Resp: 25012
Ion Ratio	Lower Upper
53 100	
52 79.0	65.1 97.7
51 34.7	29.5 44.3



#16
Acetone
Concen: 25.712 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 43	Resp: 36588
Ion Ratio	Lower Upper
43 100	
58 31.8	25.1 37.7

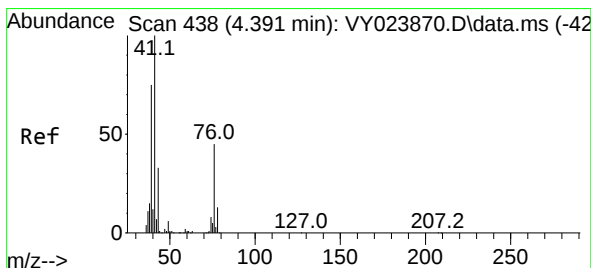
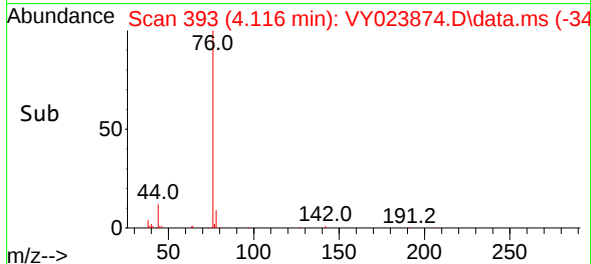
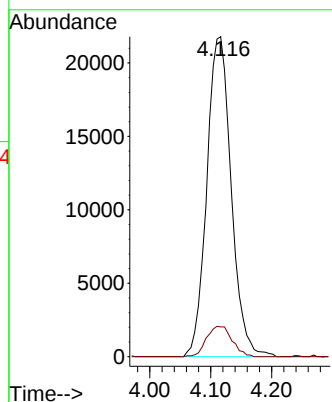
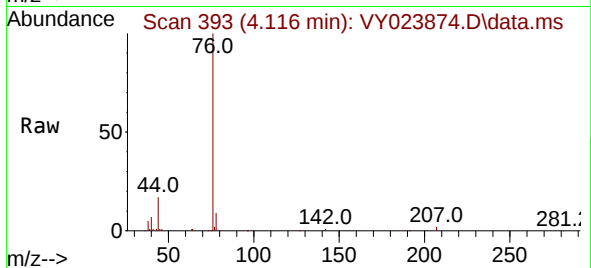




#17
Carbon Disulfide
Concen: 4.489 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

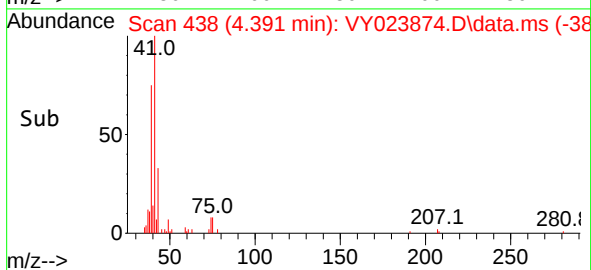
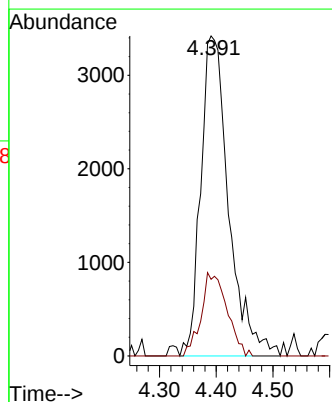
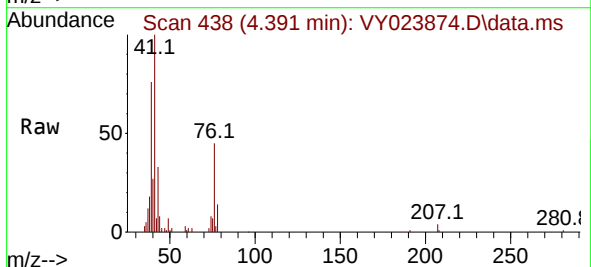
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

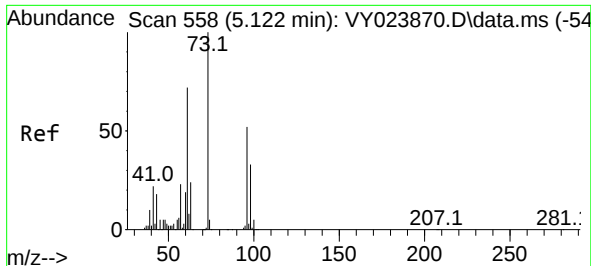
Tgt Ion: 76 Resp: 60654
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 4.847 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 43 Resp: 11700
Ion Ratio Lower Upper
43 100
74 24.0 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 4.637 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

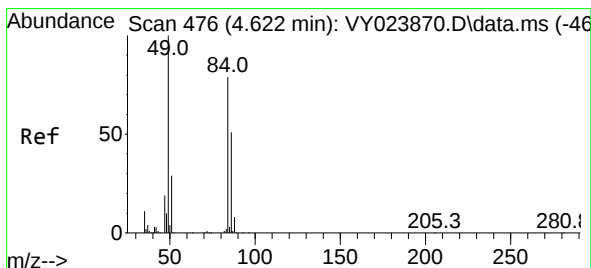
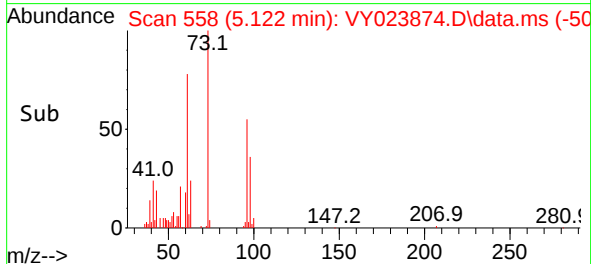
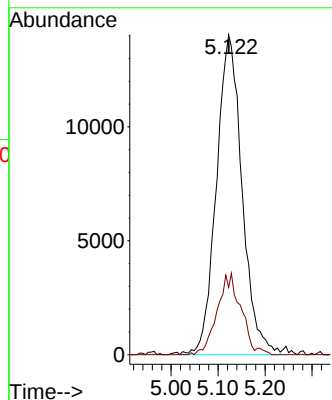
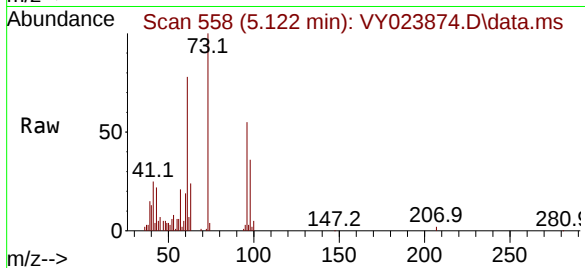
VSTDICC005

Tgt Ion: 73 Resp: 53262

Ion Ratio Lower Upper

73 100

57 21.1 18.2 27.2



#20

Methylene Chloride

Concen: 6.775 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Tgt Ion: 84 Resp: 43003

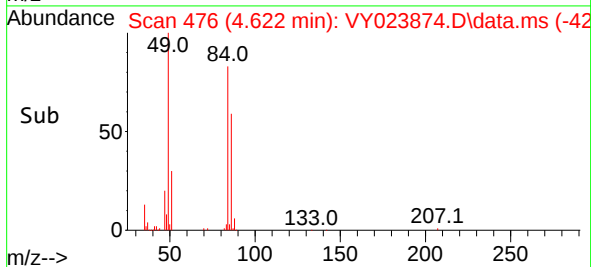
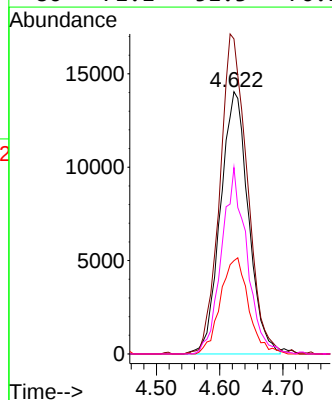
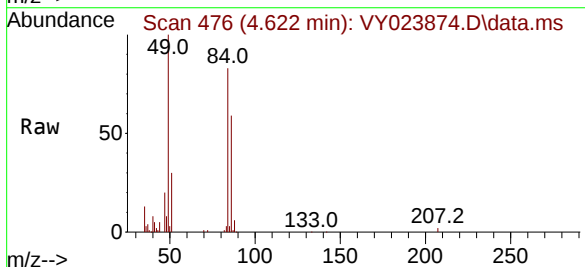
Ion Ratio Lower Upper

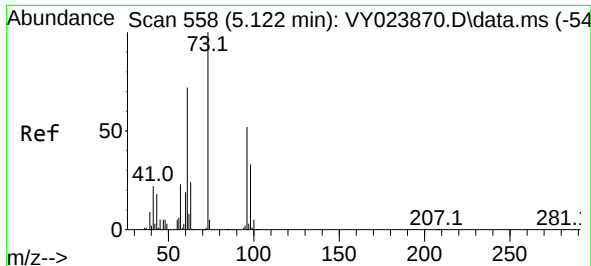
84 100

49 120.1 100.6 151.0

51 35.6 29.0 43.6

86 71.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 4.956 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

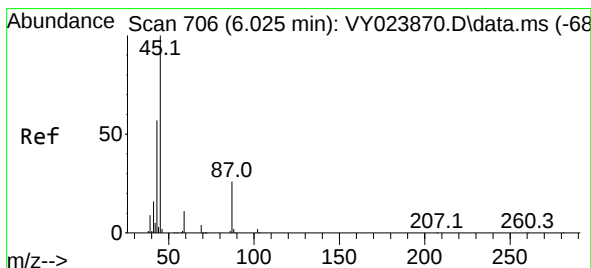
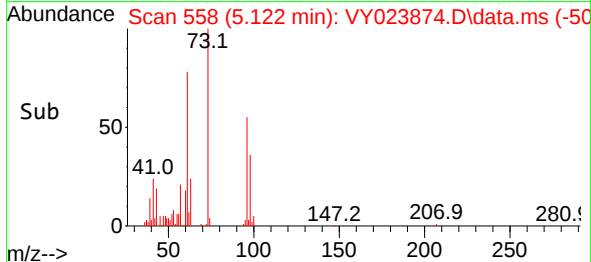
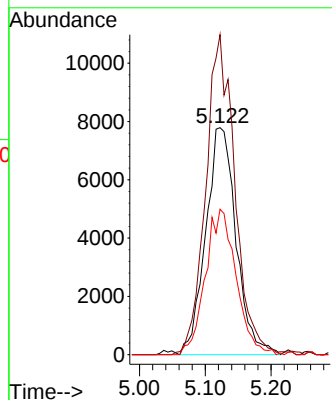
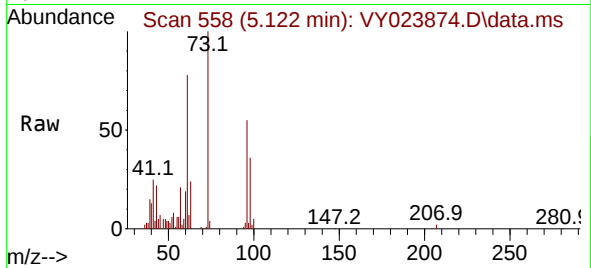
Tgt Ion: 96 Resp: 25004

Ion Ratio Lower Upper

96 100

61 139.6 111.7 167.5

98 64.0 51.5 77.3



#22

Diisopropyl ether

Concen: 4.636 ug/l

RT: 6.025 min Scan# 706

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Tgt Ion: 45 Resp: 74629

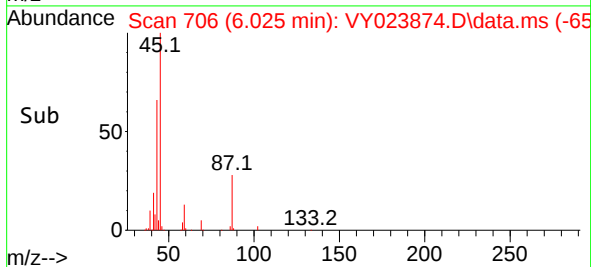
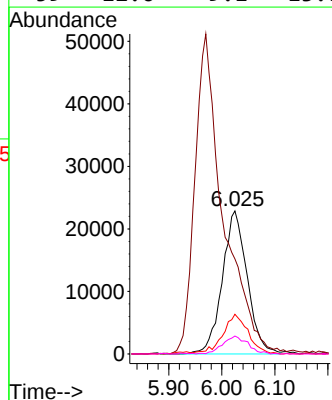
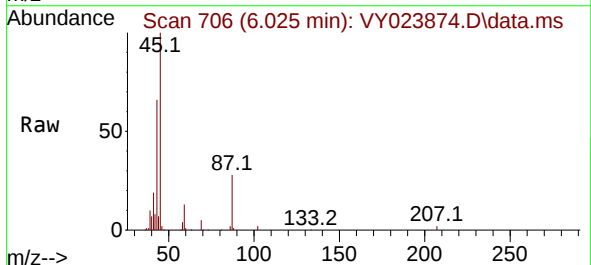
Ion Ratio Lower Upper

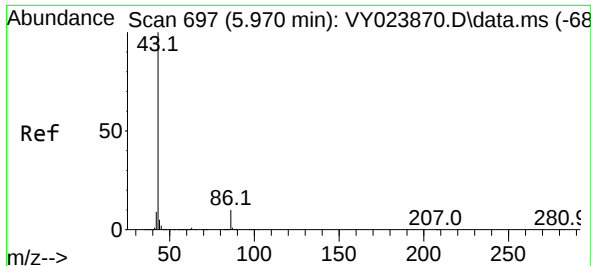
45 100

43 64.2 45.5 68.3

87 27.8 20.7 31.1

59 12.6 9.1 13.7

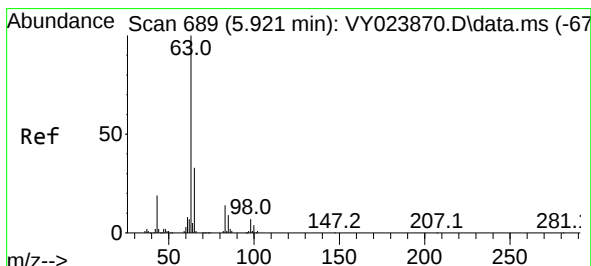
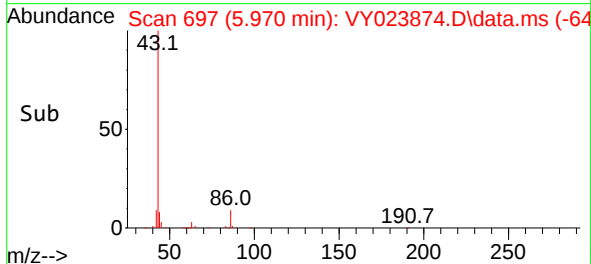
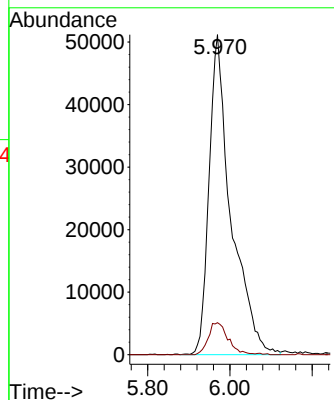
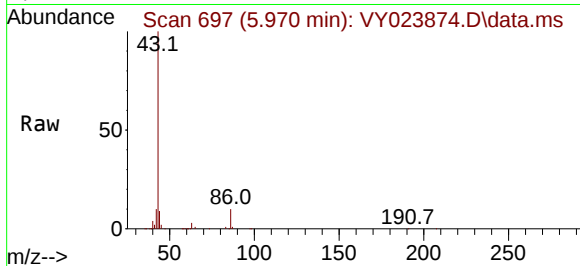




#23
 Vinyl Acetate
 Concen: 21.242 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023874.D
 Acq: 03 Dec 2025 16:23

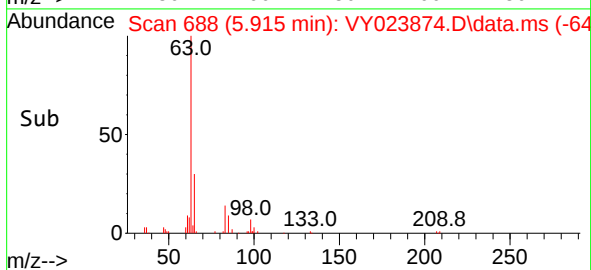
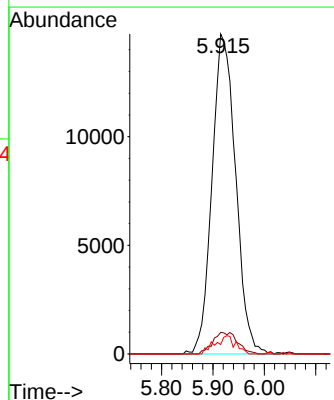
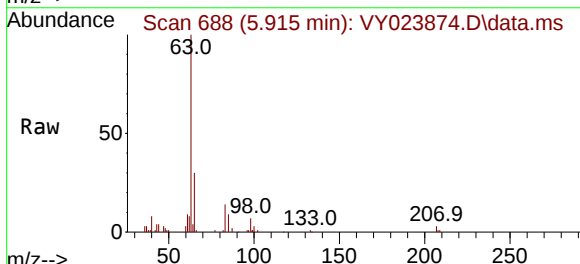
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

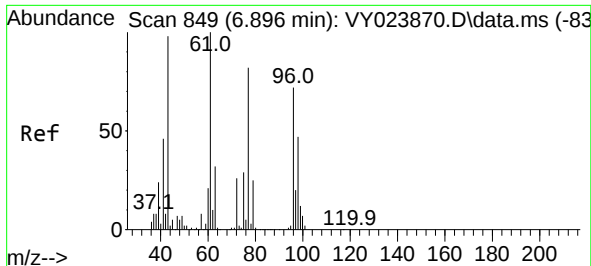
Tgt Ion: 43 Resp: 189559
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 5.050 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY023874.D
 Acq: 03 Dec 2025 16:23

Tgt Ion: 63 Resp: 46977
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 3.0 2.2 6.6

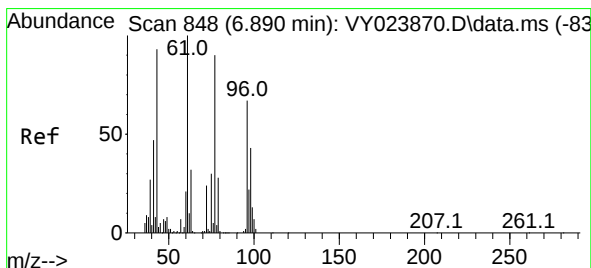
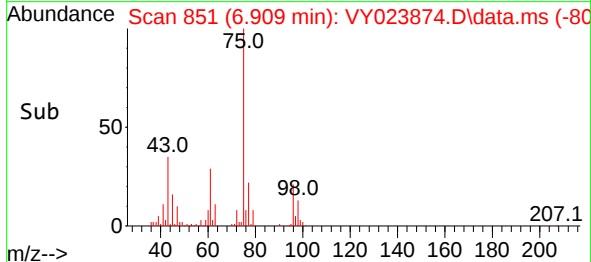
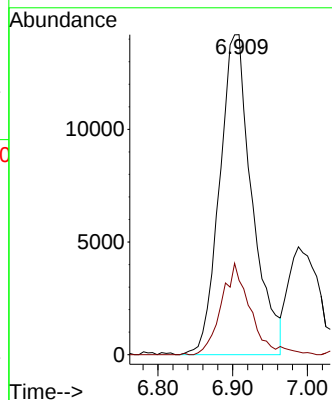
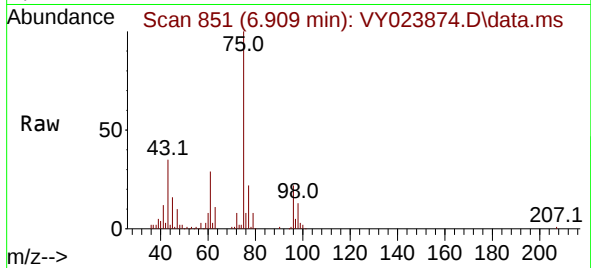




#25
2-Butanone
Concen: 25.033 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

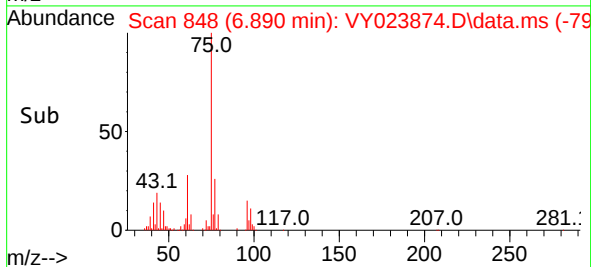
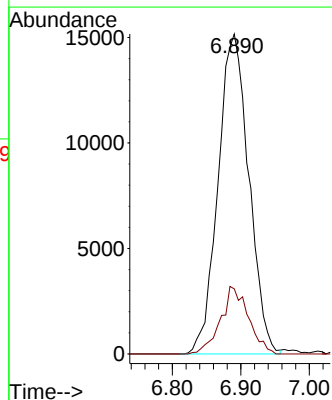
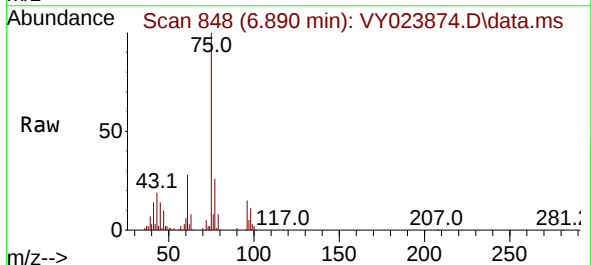
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

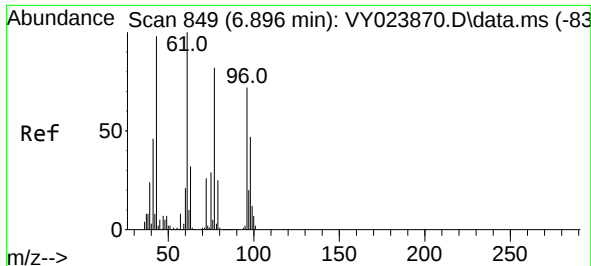
Tgt Ion: 43 Resp: 42941
Ion Ratio Lower Upper
43 100
72 23.2 21.0 31.6



#26
2,2-Dichloropropane
Concen: 5.552 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 77 Resp: 47331
Ion Ratio Lower Upper
77 100
97 19.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 4.989 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

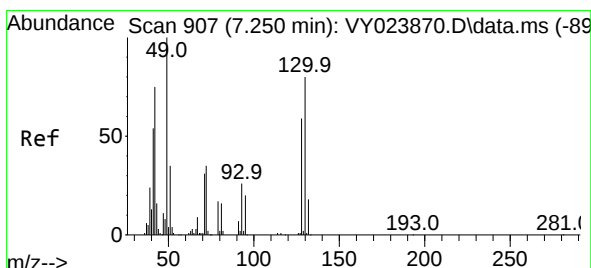
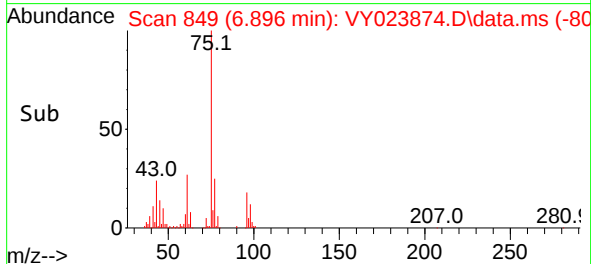
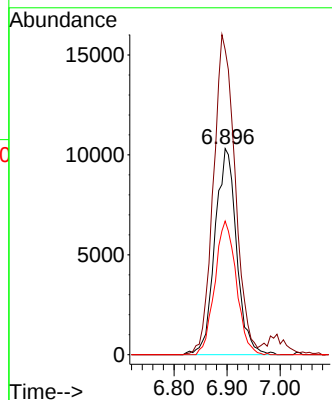
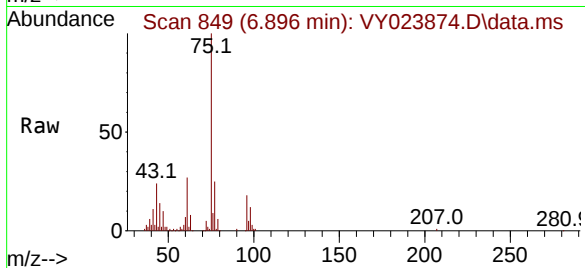
Tgt Ion: 96 Resp: 29228

Ion Ratio Lower Upper

96 100

61 156.0 0.0 292.8

98 64.5 0.0 128.4



#28

Bromochloromethane

Concen: 5.089 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

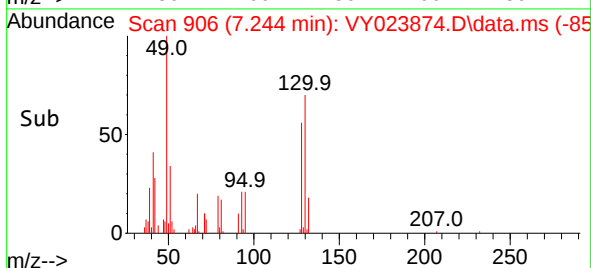
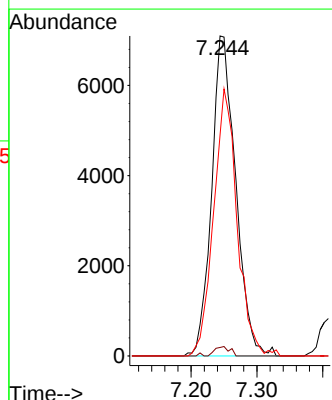
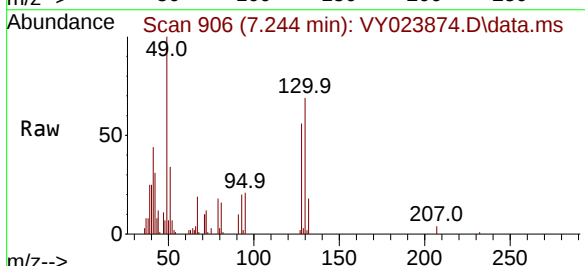
Tgt Ion: 49 Resp: 18085

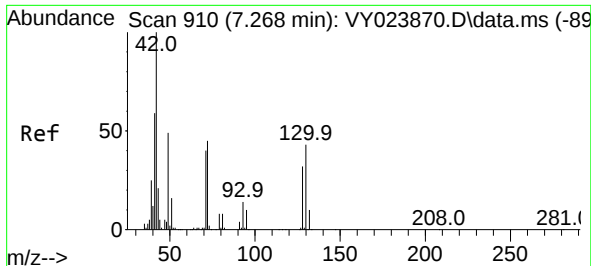
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 81.7 61.0 91.6





#29

Tetrahydrofuran

Concen: 21.456 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

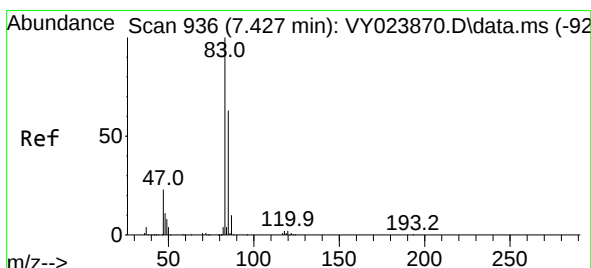
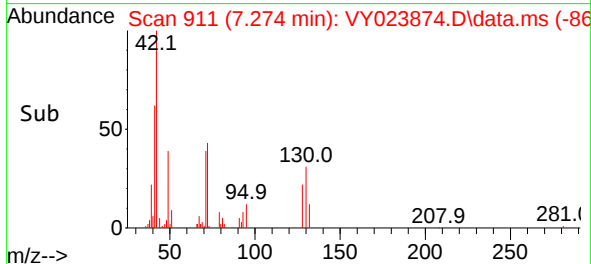
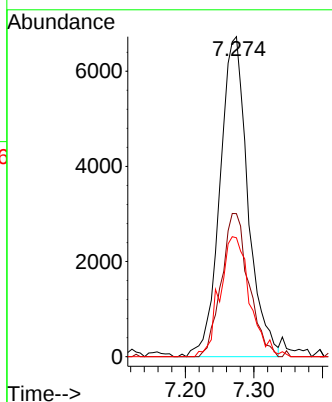
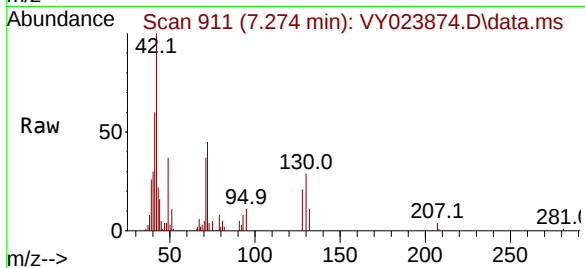
Tgt Ion: 42 Resp: 19035

Ion Ratio Lower Upper

42 100

72 43.9 35.6 53.4

71 40.0 32.5 48.7



#30

Chloroform

Concen: 5.171 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY023874.D

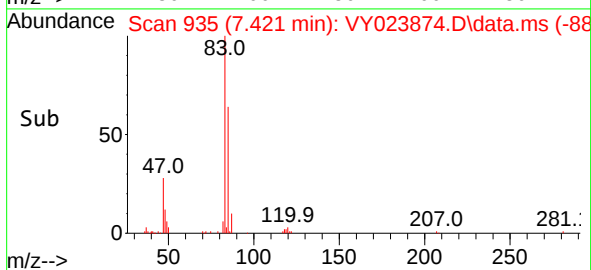
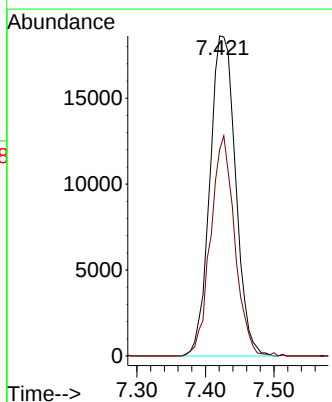
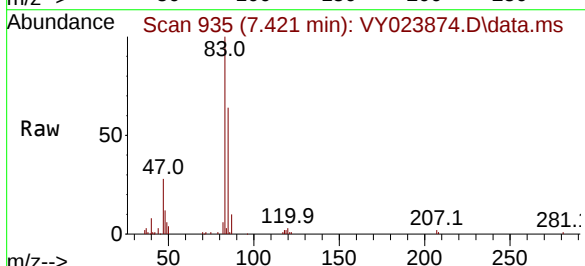
Acq: 03 Dec 2025 16:23

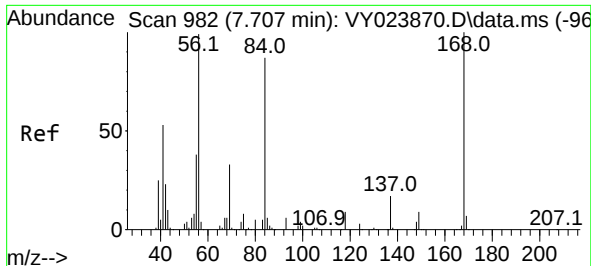
Tgt Ion: 83 Resp: 48600

Ion Ratio Lower Upper

83 100

85 64.5 50.6 76.0

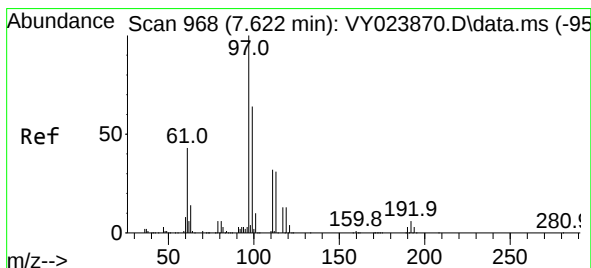
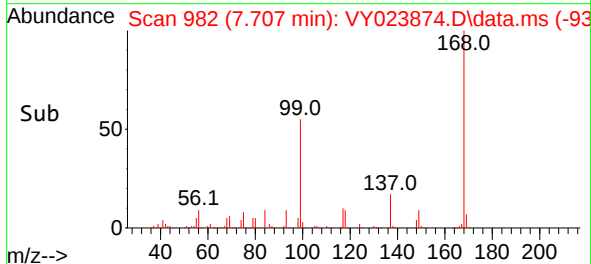
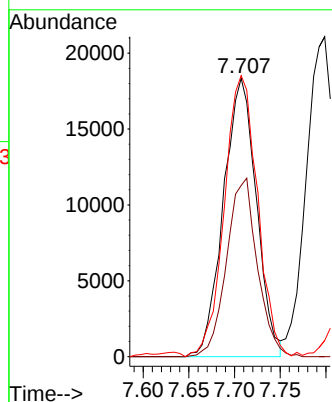
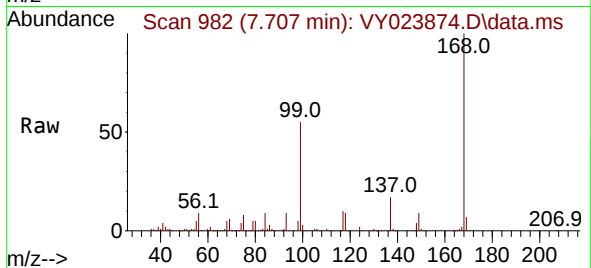




#31
Cyclohexane
Concen: 5.159 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

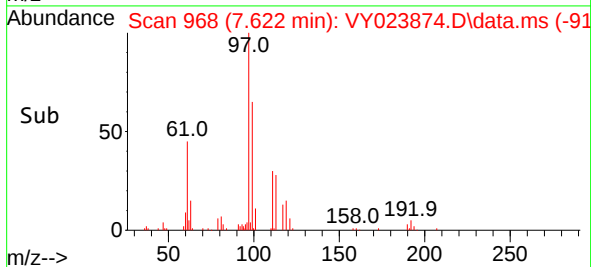
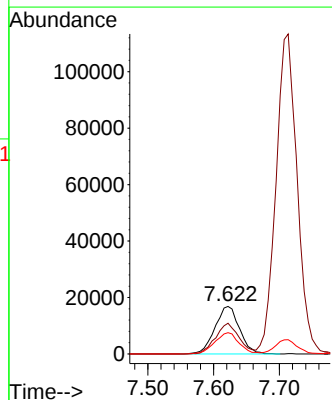
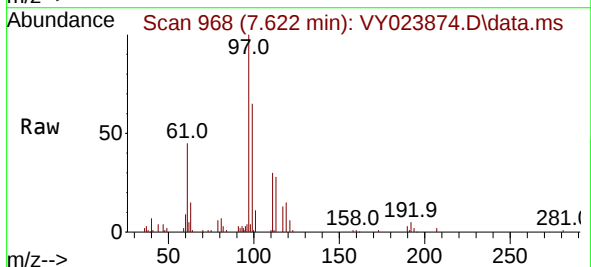
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

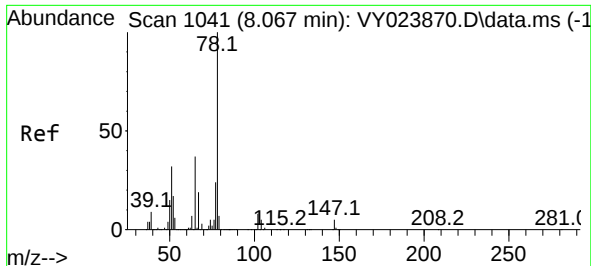
Tgt Ion: 56 Resp: 45882
Ion Ratio Lower Upper
56 100
69 61.5 26.8 40.2#
84 99.8 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 5.134 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 97 Resp: 43564
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 44.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 4.446 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

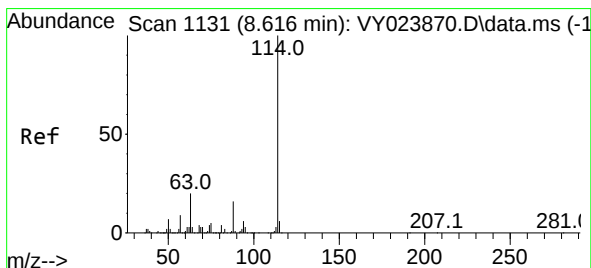
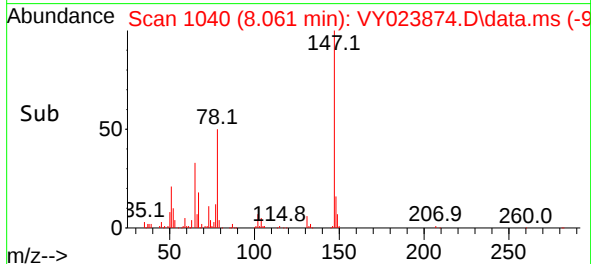
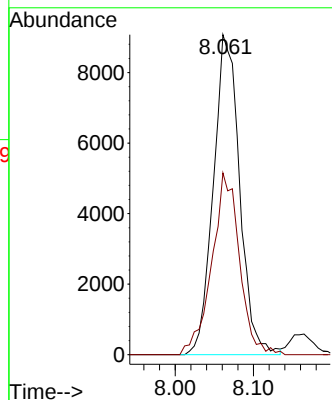
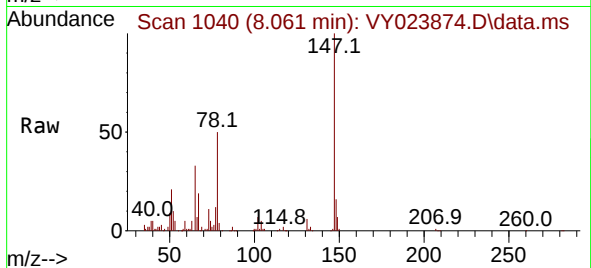
VSTDICC005

Tgt Ion: 65 Resp: 21111

Ion Ratio Lower Upper

65 100

67 59.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

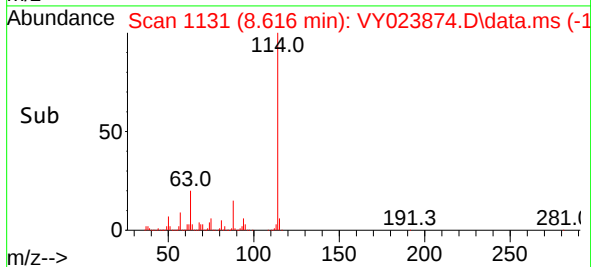
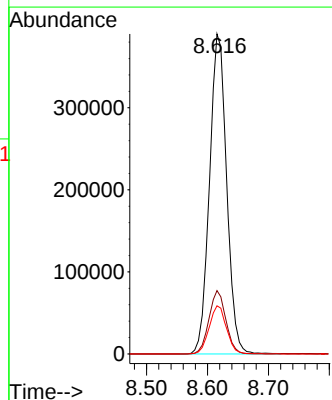
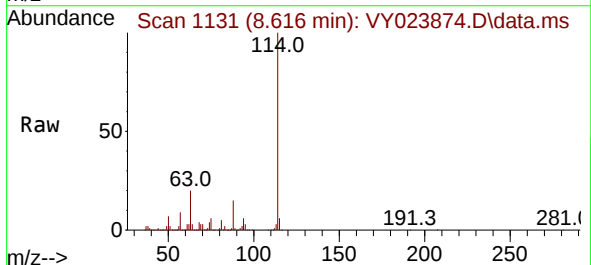
Tgt Ion:114 Resp: 762810

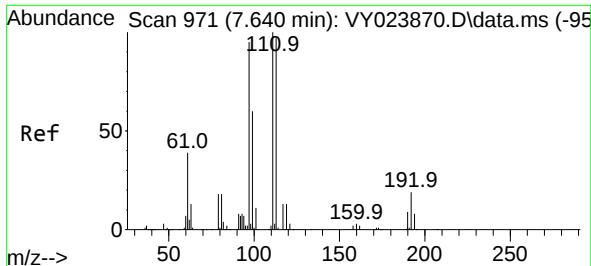
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.0 0.0 31.4

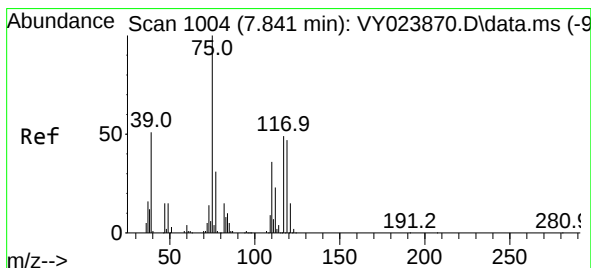
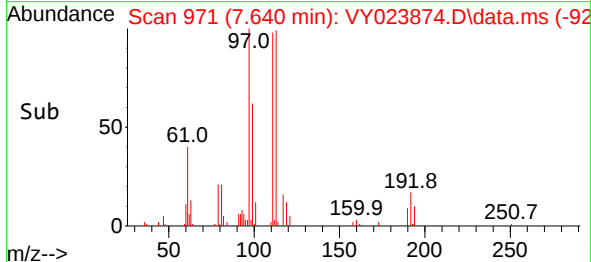
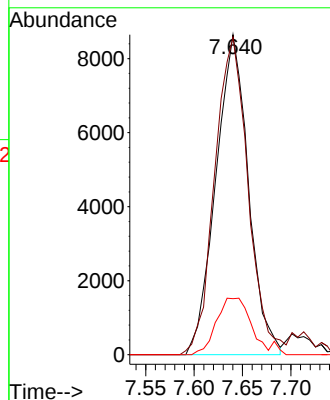
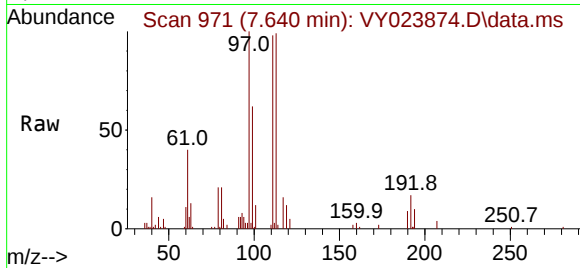




#35
Dibromofluoromethane
Concen: 4.137 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

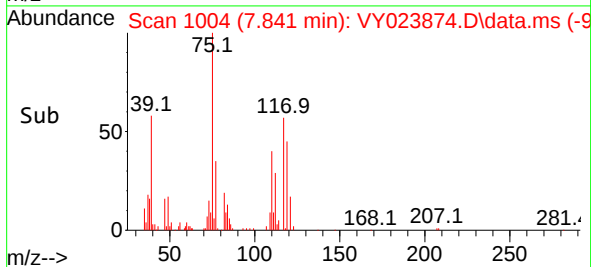
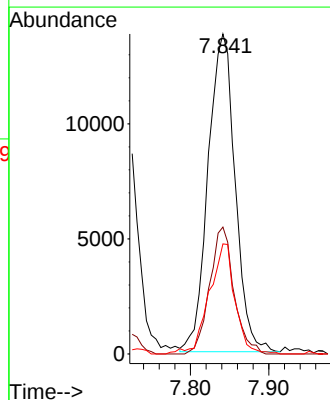
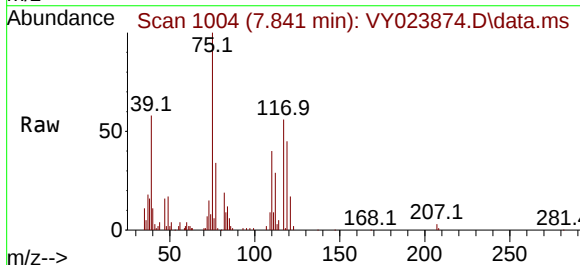
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

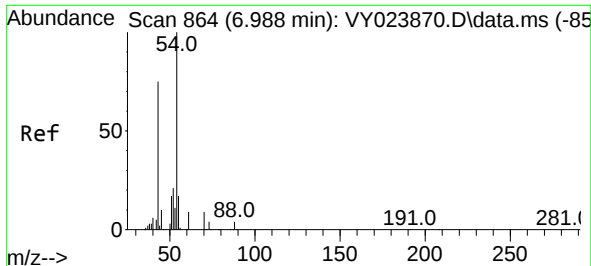
Tgt Ion:113 Resp: 20238
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 19.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 75 Resp: 33191
Ion Ratio Lower Upper
75 100
110 35.7 17.6 52.9
77 32.9 24.6 37.0





#37

Ethyl Acetate

Concen: 4.268 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

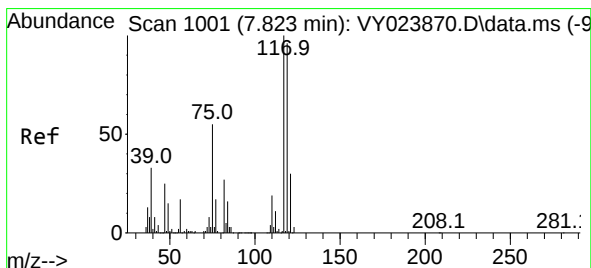
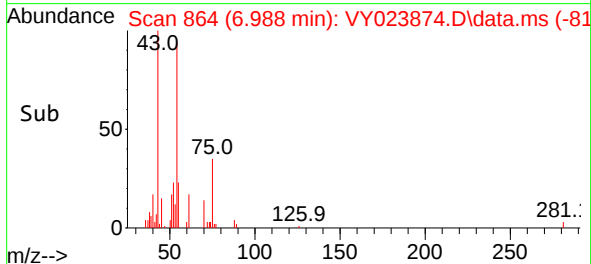
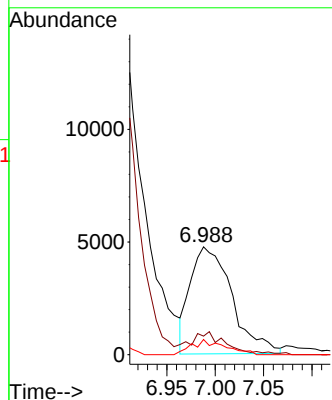
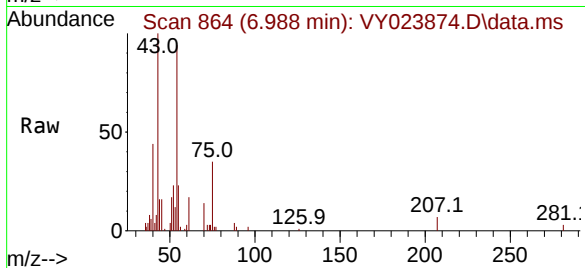
Tgt Ion: 43 Resp: 14219

Ion Ratio Lower Upper

43 100

61 17.9 11.0 16.4#

70 11.2 8.1 12.1



#38

Carbon Tetrachloride

Concen: 4.866 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

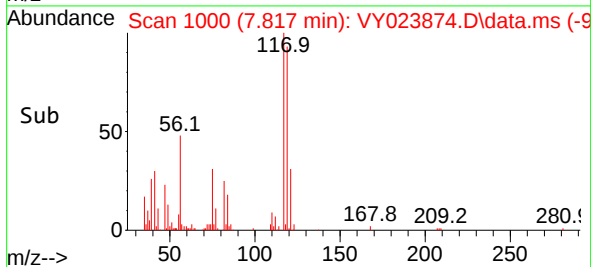
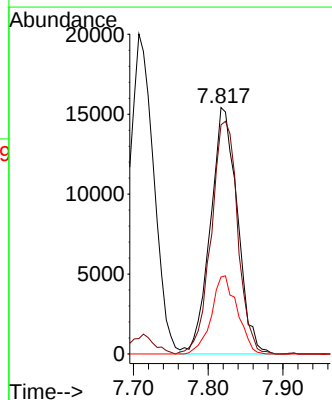
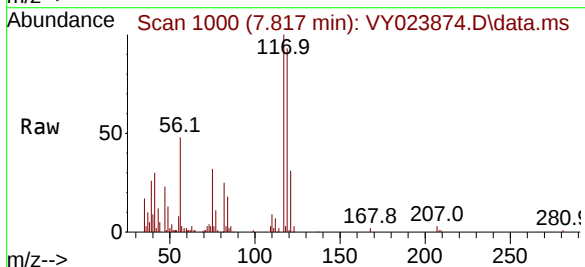
Tgt Ion: 117 Resp: 38745

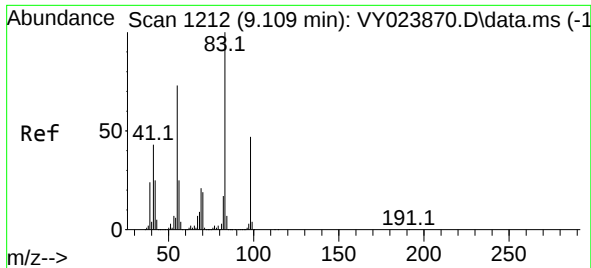
Ion Ratio Lower Upper

117 100

119 93.0 77.0 115.6

121 31.3 23.9 35.9

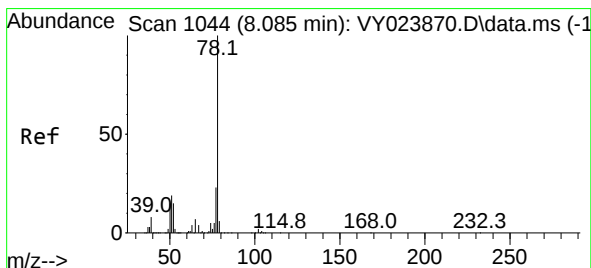
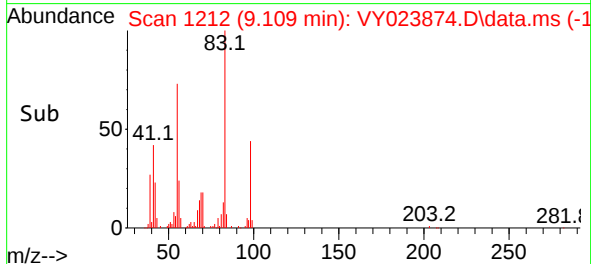
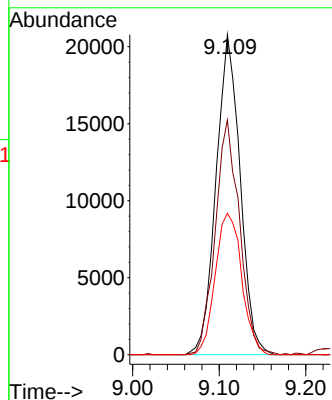
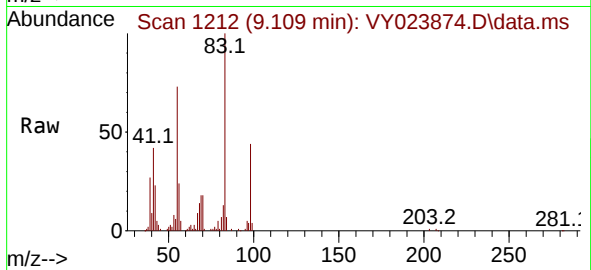




#39
Methylcyclohexane
Concen: 4.270 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

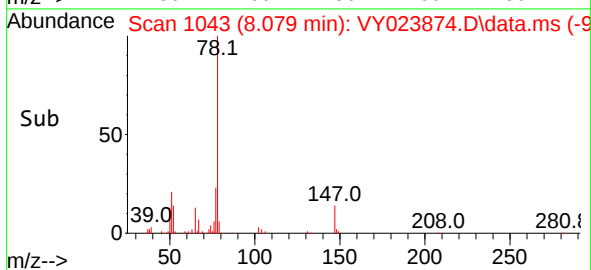
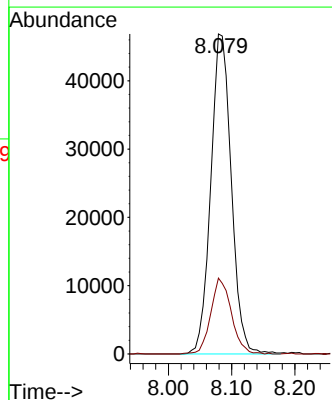
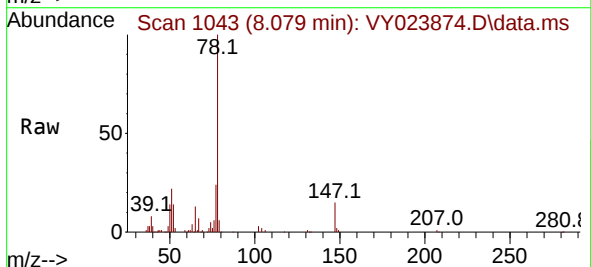
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

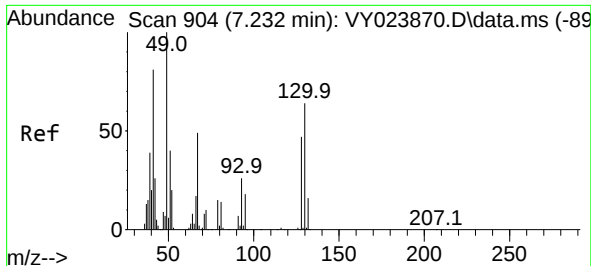
Tgt Ion: 83 Resp: 40100
Ion Ratio Lower Upper
83 100
55 73.3 58.8 88.2
98 44.2 37.8 56.6



#40
Benzene
Concen: 4.838 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 78 Resp: 105496
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

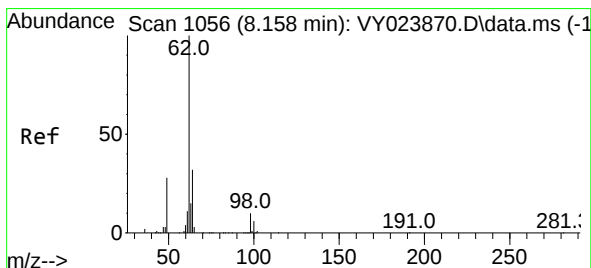
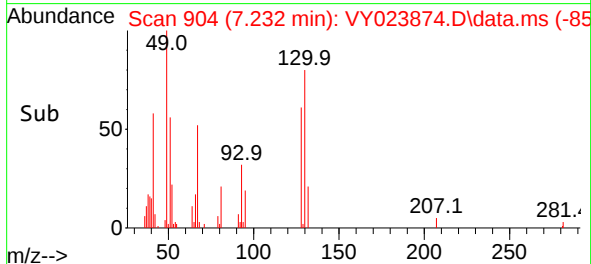
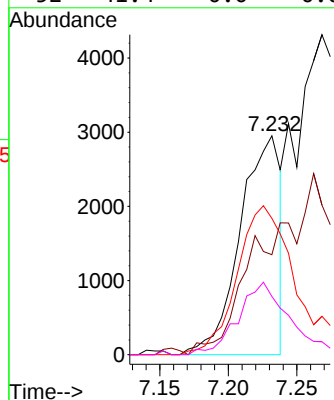
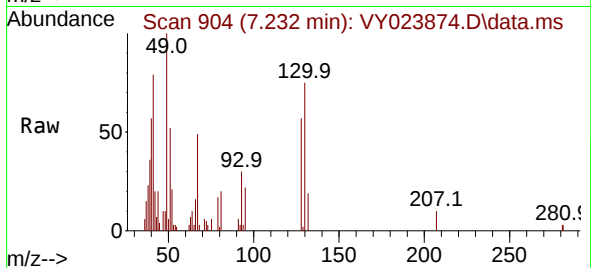




#41
Methacrylonitrile
Concen: 3.539 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

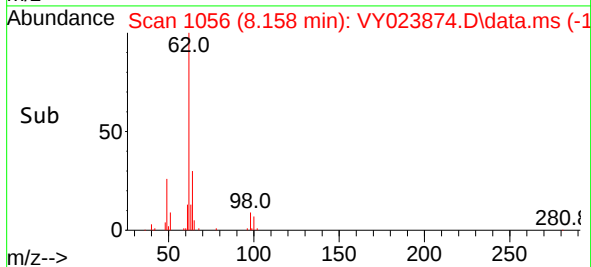
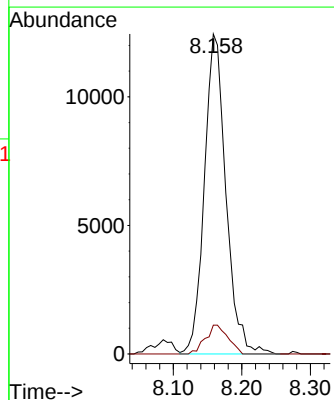
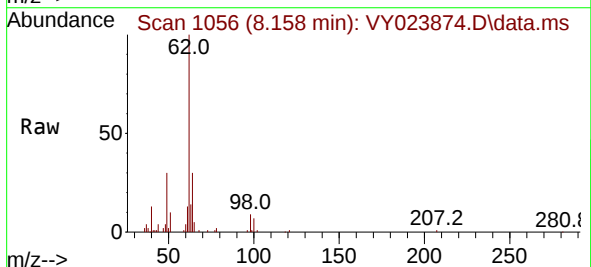
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

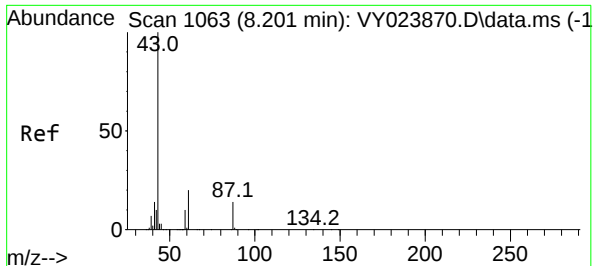
Tgt Ion: 41 Resp: 6079
Ion Ratio Lower Upper
41 100
39 0.0 49.4 74.2#
67 97.7 0.0 0.0#
52 41.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.787 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 62 Resp: 27239
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2

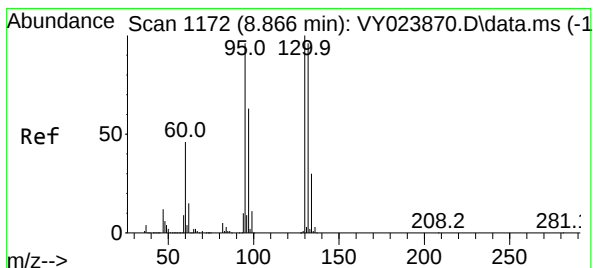
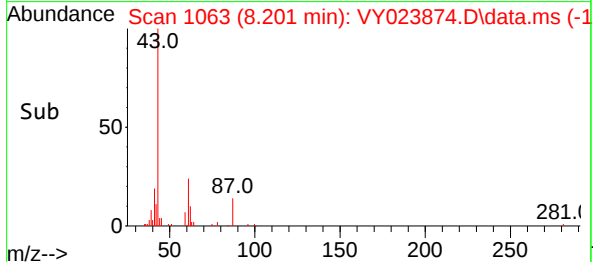
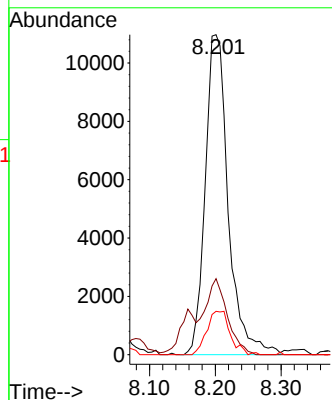
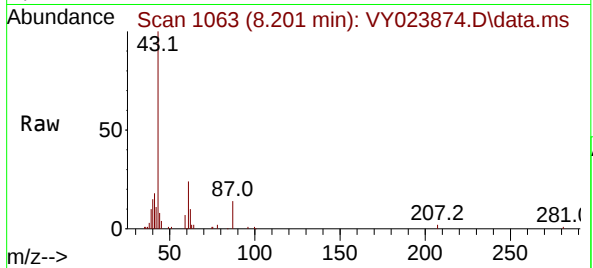




#43
Isopropyl Acetate
Concen: 4.287 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

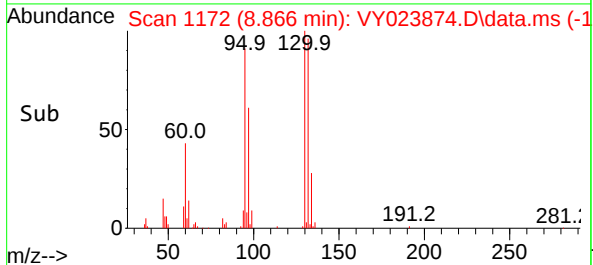
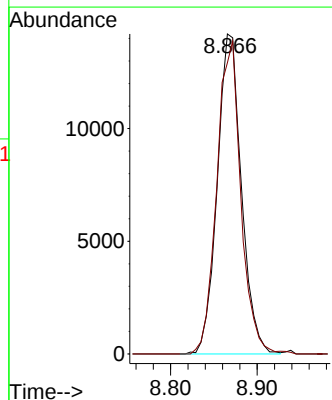
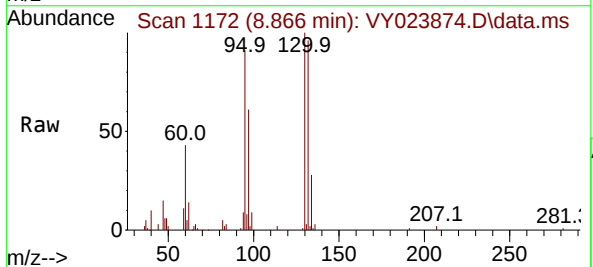
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

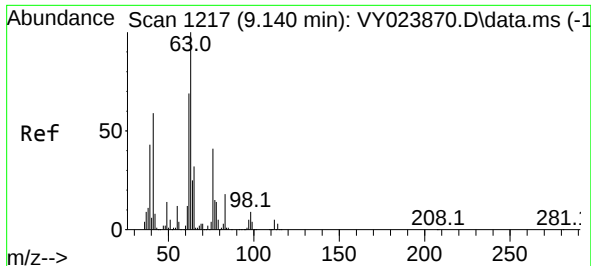
Tgt Ion: 43 Resp: 26721
Ion Ratio Lower Upper
43 100
61 23.2 24.2 36.4#
87 13.8 11.0 16.4



#44
Trichloroethene
Concen: 4.911 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:130 Resp: 27553
Ion Ratio Lower Upper
130 100
95 91.0 0.0 192.4





#45

1,2-Dichloropropane

Concen: 4.785 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

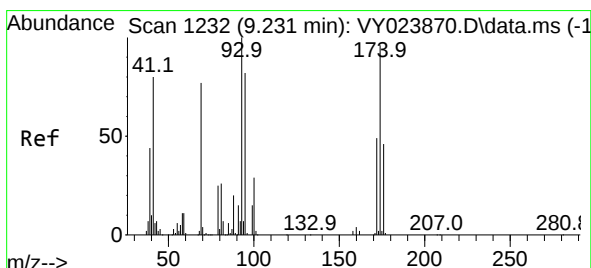
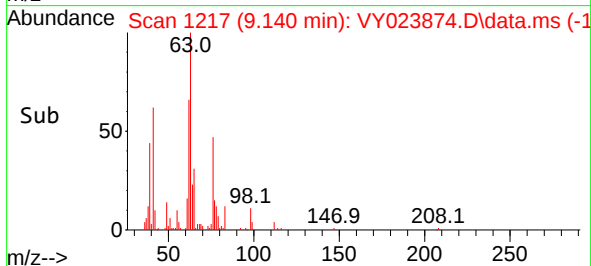
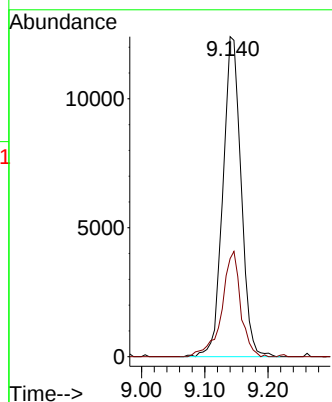
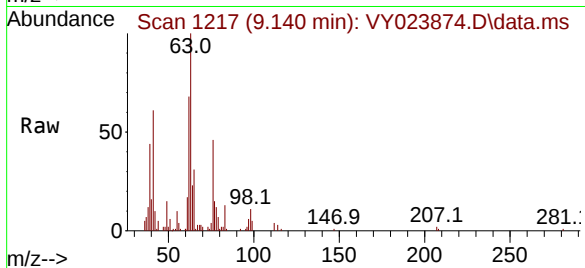
VSTDIC005

Tgt Ion: 63 Resp: 24705

Ion Ratio Lower Upper

63 100

65 30.7 25.6 38.4



#46

Dibromomethane

Concen: 4.800 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

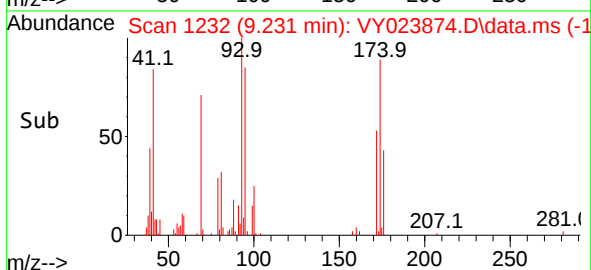
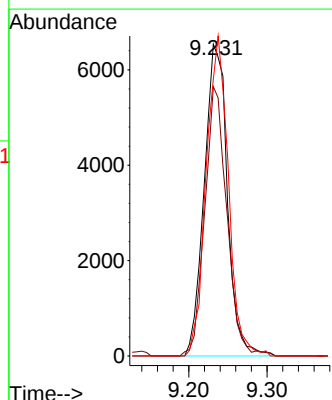
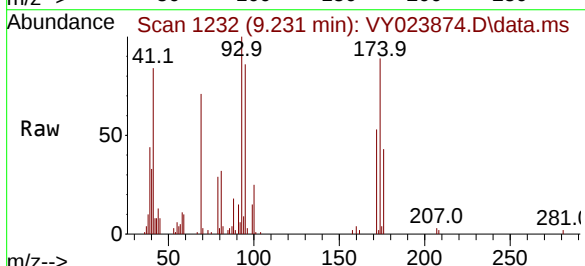
Tgt Ion: 93 Resp: 13417

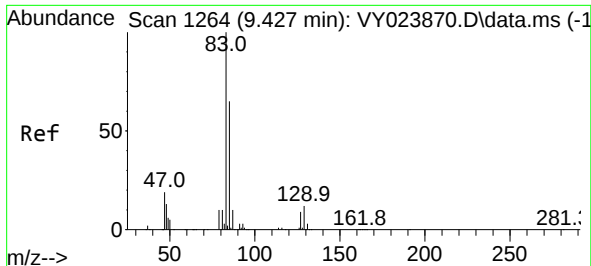
Ion Ratio Lower Upper

93 100

95 82.4 66.4 99.6

174 98.1 81.4 122.0

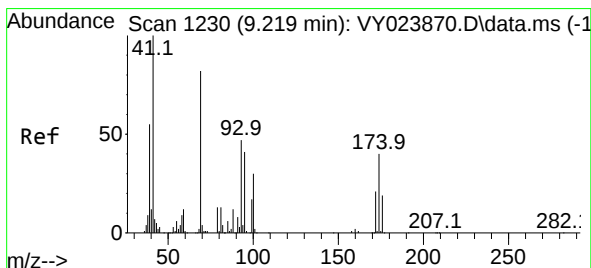
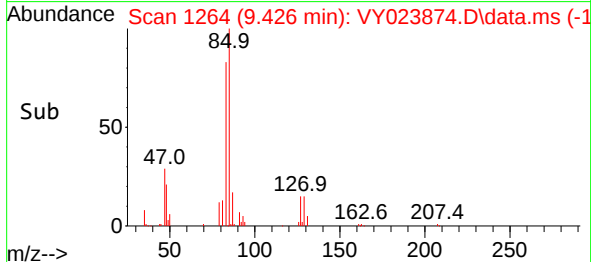
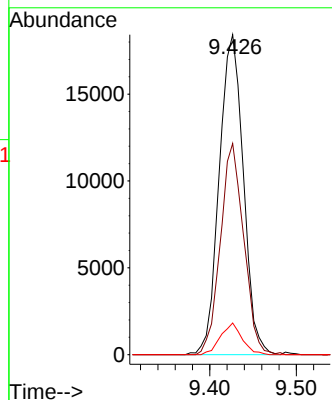
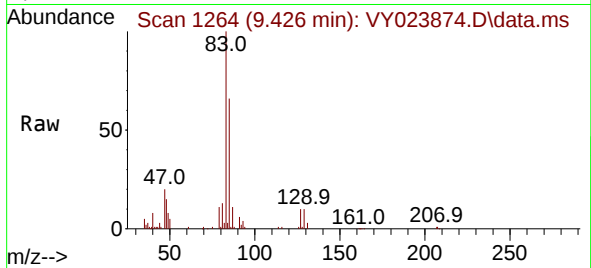




#47
Bromodichloromethane
Concen: 4.831 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

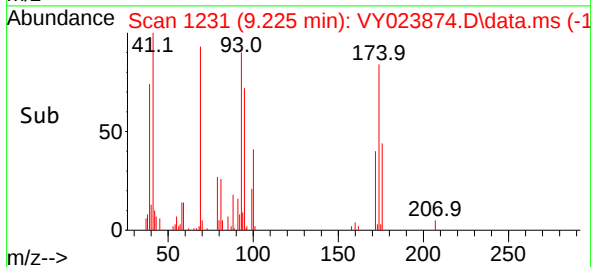
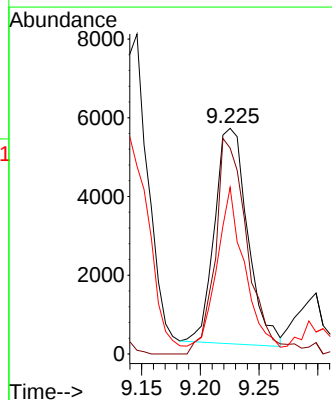
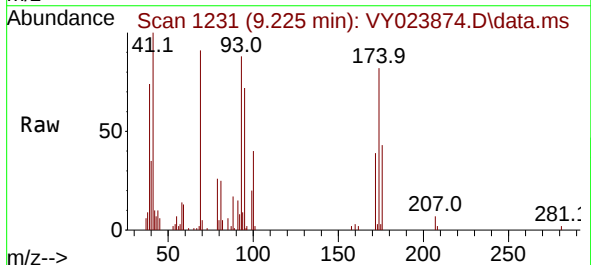
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

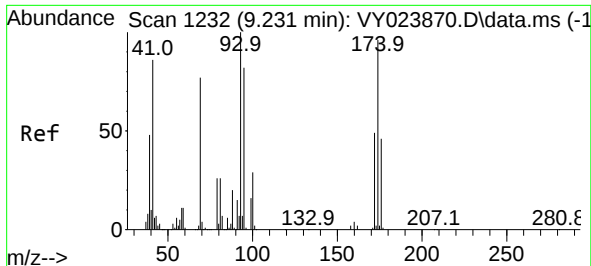
Tgt Ion: 83 Resp: 35626
Ion Ratio Lower Upper
83 100
85 66.0 51.6 77.4
127 9.9 7.2 10.8



#48
Methyl methacrylate
Concen: 3.677 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 41 Resp: 10707
Ion Ratio Lower Upper
41 100
69 99.6 67.7 101.5
39 61.1 43.4 65.0





#49

1,4-Dioxane

Concen: 93.693 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

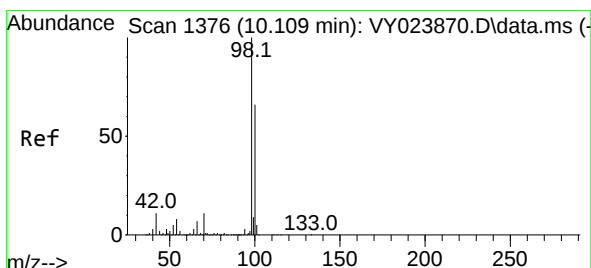
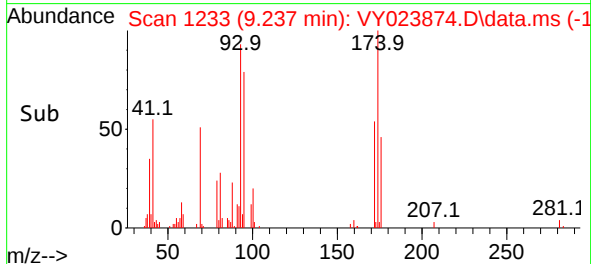
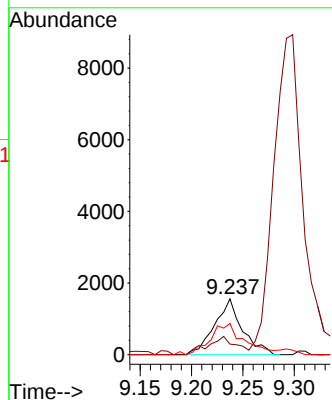
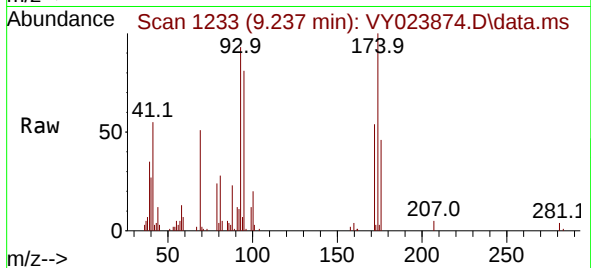
Tgt Ion: 88 Resp: 2912

Ion Ratio Lower Upper

88 100

43 33.8 26.8 40.2

58 68.5 52.4 78.6



#50

Toluene-d8

Concen: 4.261 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023874.D

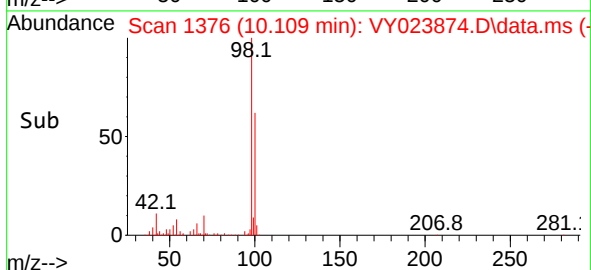
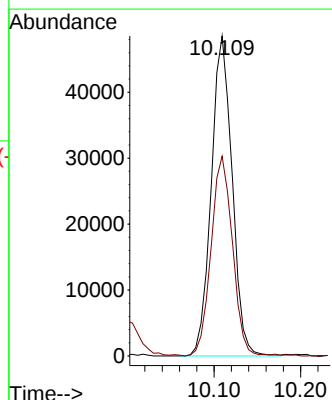
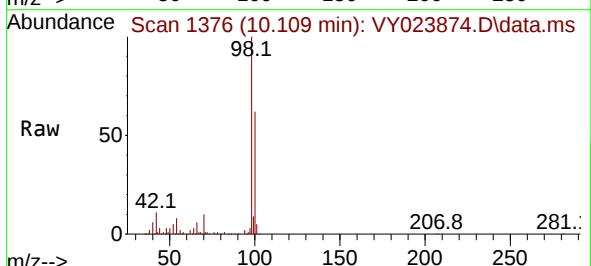
Acq: 03 Dec 2025 16:23

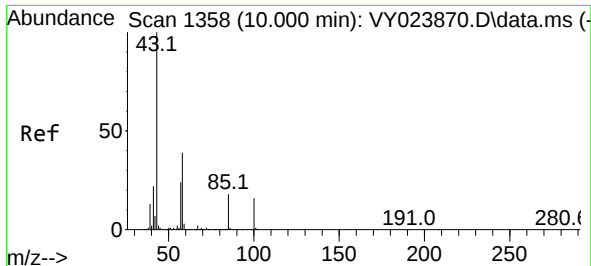
Tgt Ion: 98 Resp: 81132

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7

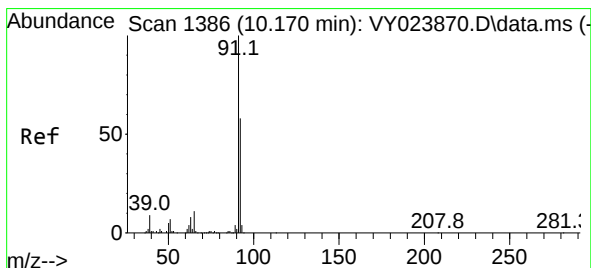
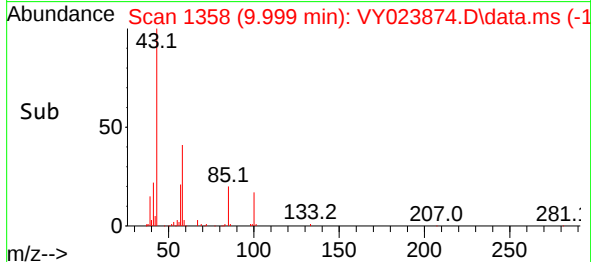
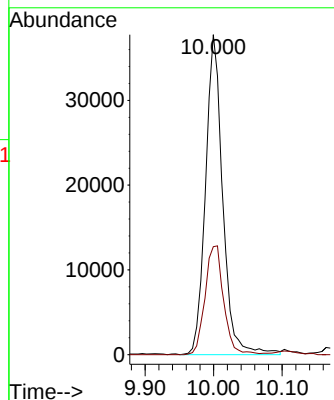
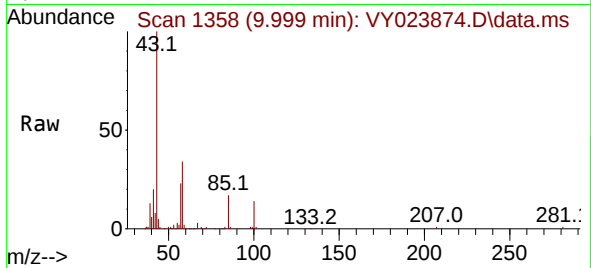




#51
4-Methyl-2-Pentanone
Concen: 20.133 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

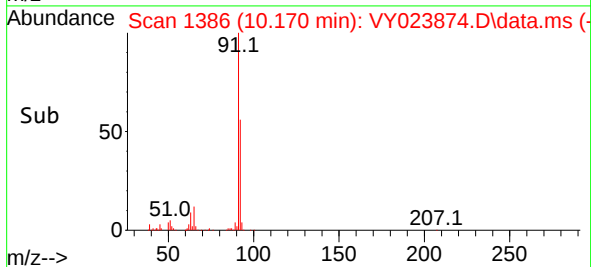
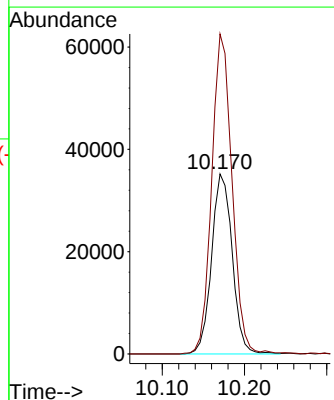
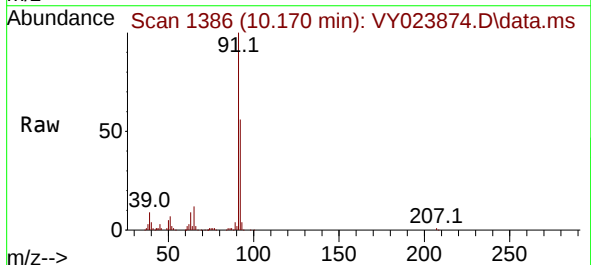
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

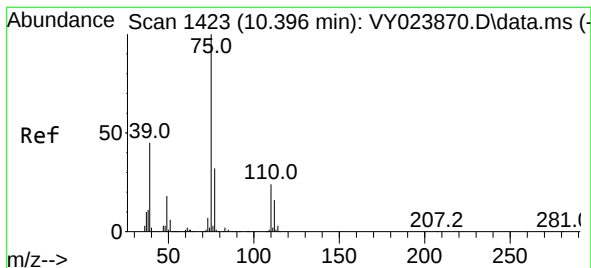
Tgt Ion: 43 Resp: 65984
Ion Ratio Lower Upper
43 100
58 36.7 31.8 47.8



#52
Toluene
Concen: 4.499 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 92 Resp: 61428
Ion Ratio Lower Upper
92 100
91 175.2 137.3 205.9

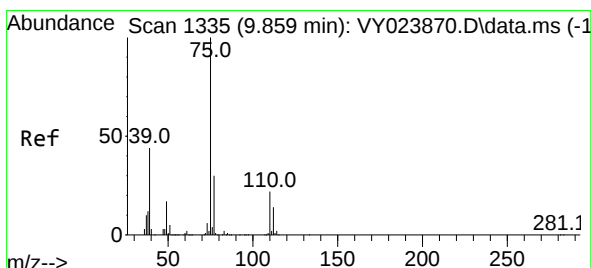
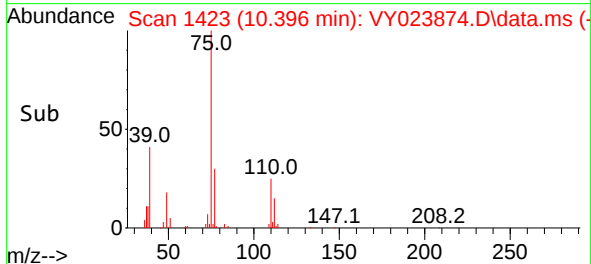
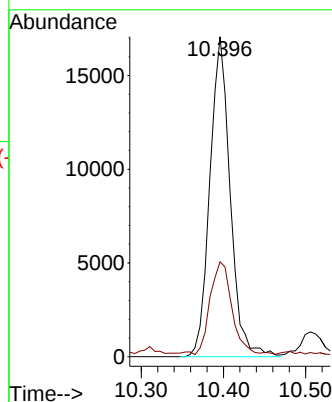
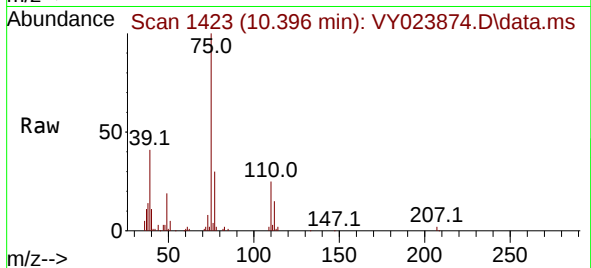




#53
t-1,3-Dichloropropene
Concen: 4.400 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

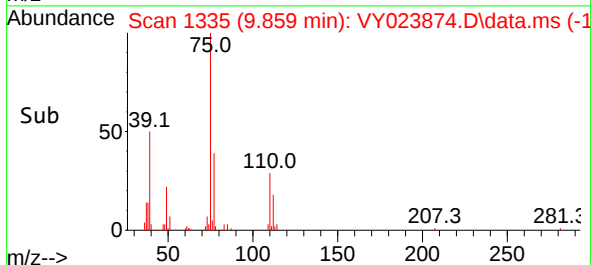
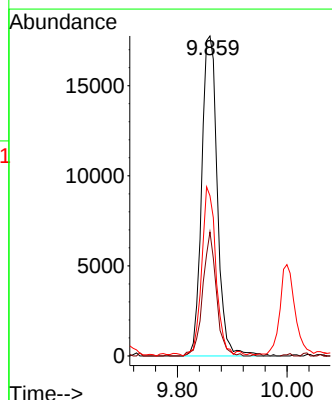
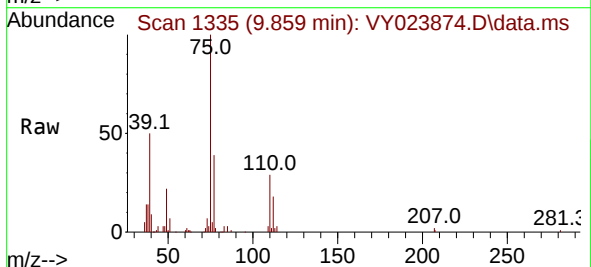
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

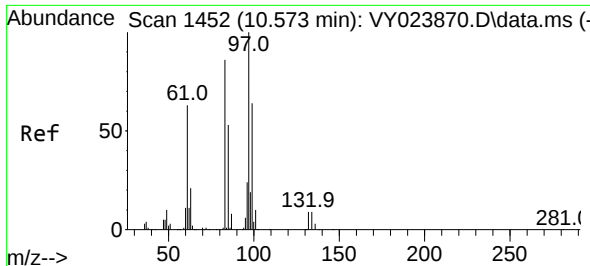
Tgt Ion: 75 Resp: 29288
Ion Ratio Lower Upper
75 100
77 28.5 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 4.483 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 75 Resp: 35136
Ion Ratio Lower Upper
75 100
77 38.8 23.8 35.6#
39 49.6 35.5 53.3

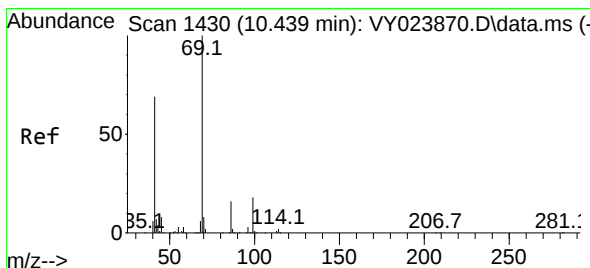
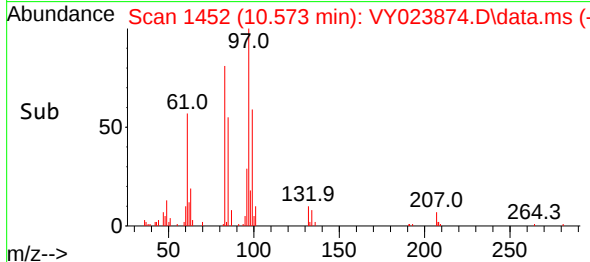
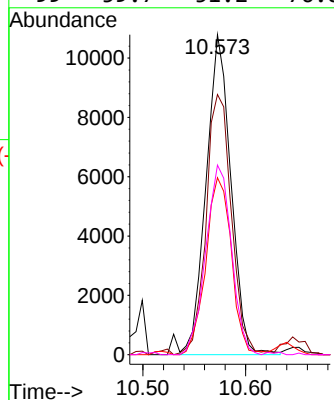
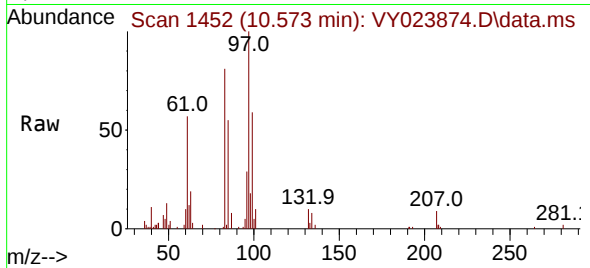




#55
1,1,2-Trichloroethane
Concen: 4.797 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

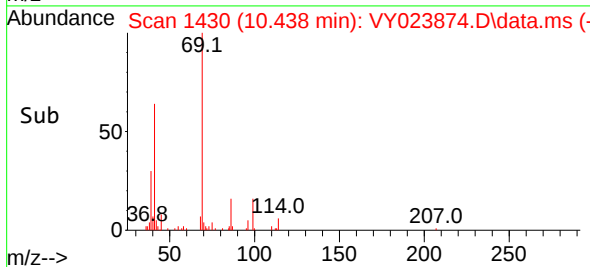
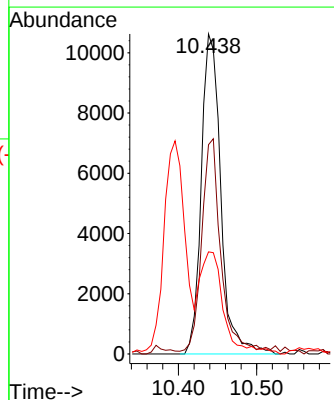
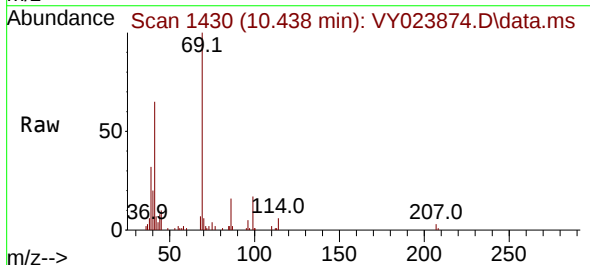
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

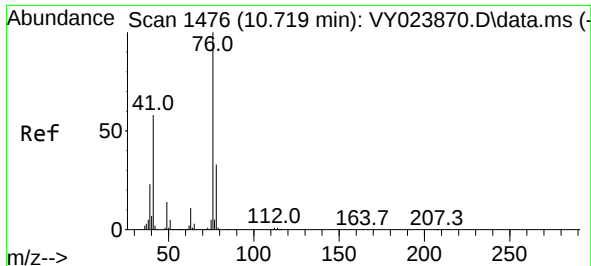
Tgt Ion: 97	Resp: 18101
Ion Ratio	Lower Upper
97 100	
83 81.3	69.0 103.4
85 55.7	42.6 63.8
99 59.7	51.2 76.8



#56
Ethyl methacrylate
Concen: 7.209 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 69	Resp: 18369
Ion Ratio	Lower Upper
69 100	
41 65.3	52.5 78.7
39 38.8	27.1 40.7





#57

1,3-Dichloropropane

Concen: 4.723 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

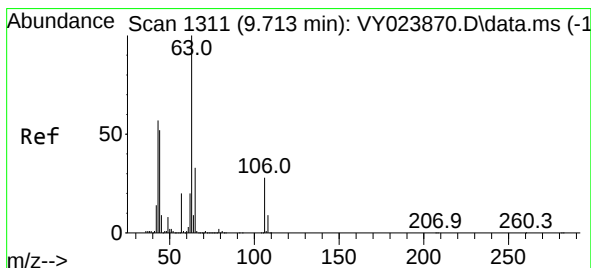
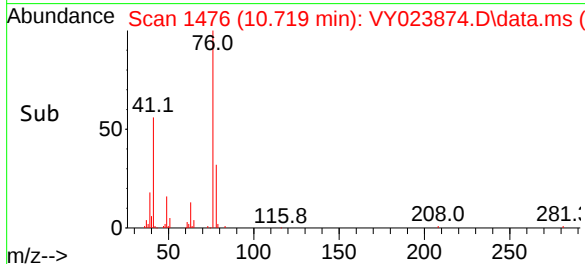
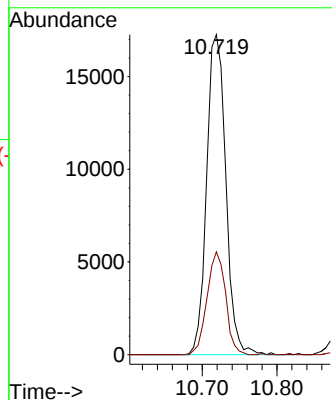
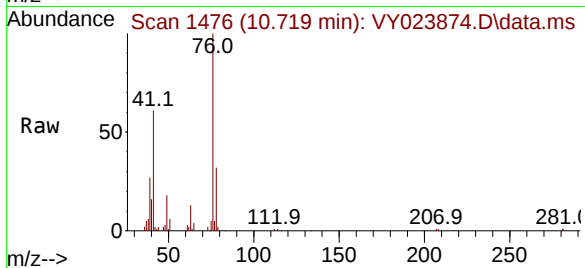
VSTDIC005

Tgt Ion: 76 Resp: 30696

Ion Ratio Lower Upper

76 100

78 31.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 28.963 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023874.D

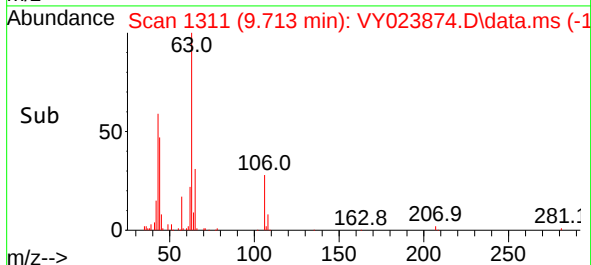
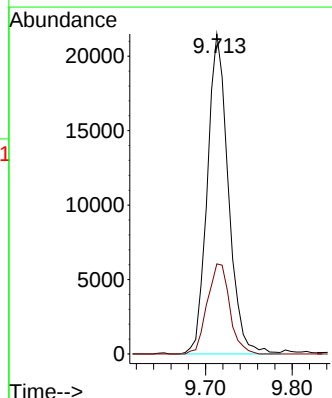
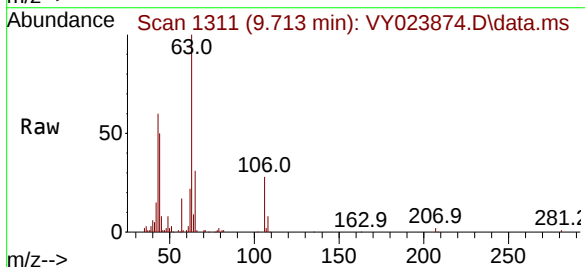
Acq: 03 Dec 2025 16:23

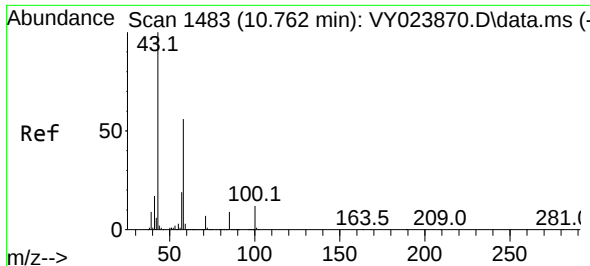
Tgt Ion: 63 Resp: 36256

Ion Ratio Lower Upper

63 100

106 29.9 22.5 33.7

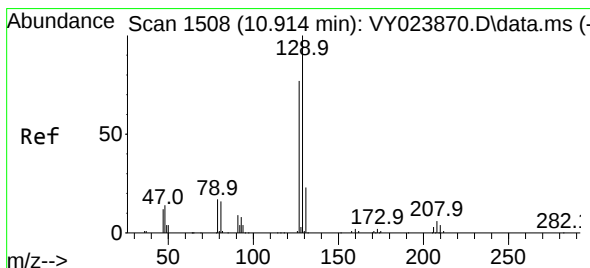
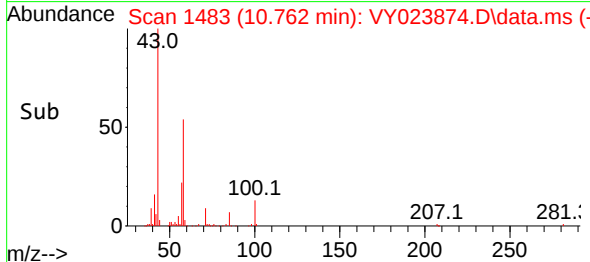
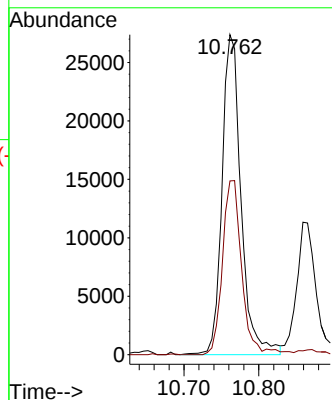
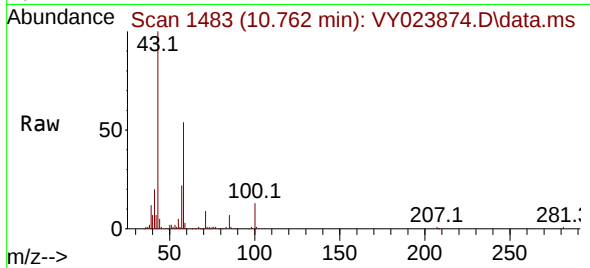




#59
2-Hexanone
Concen: 19.607 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

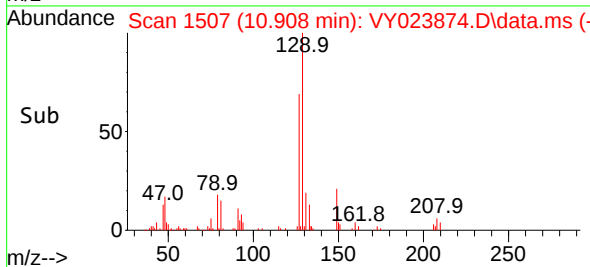
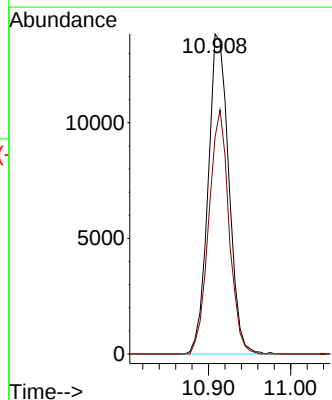
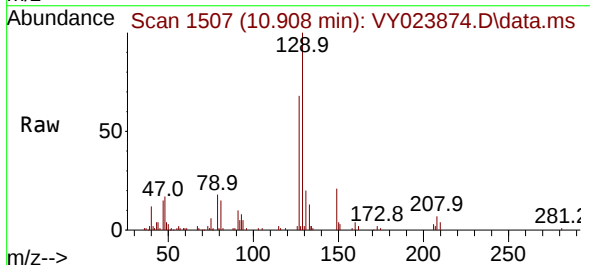
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

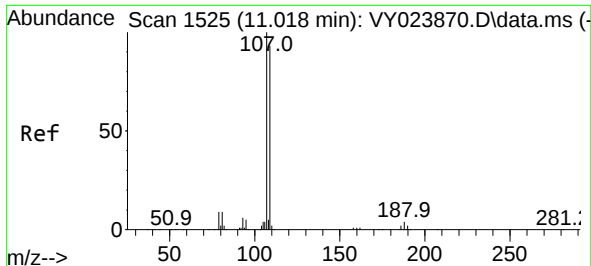
Tgt Ion: 43 Resp: 48466
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 4.786 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:129 Resp: 24216
Ion Ratio Lower Upper
129 100
127 74.3 38.0 114.0

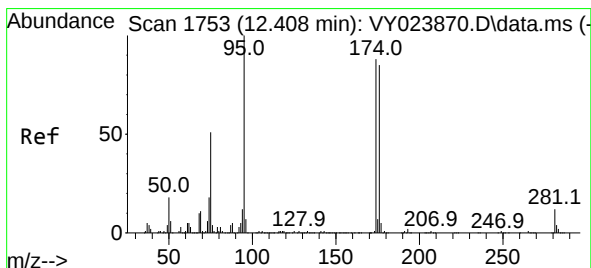
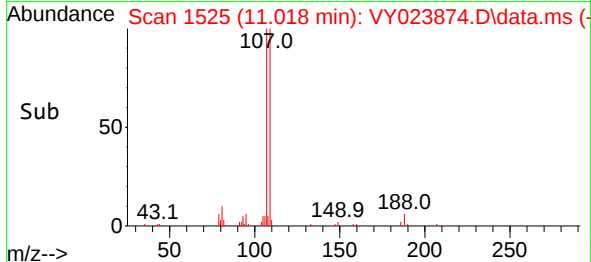
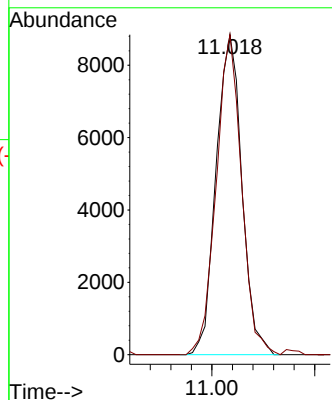
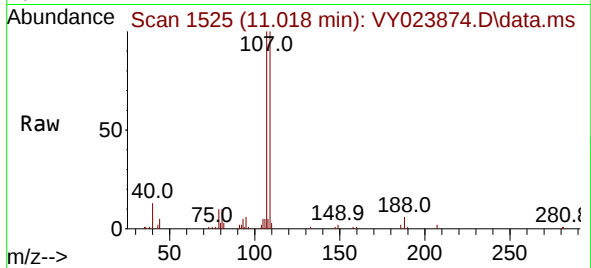




#61
1,2-Dibromoethane
Concen: 4.479 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

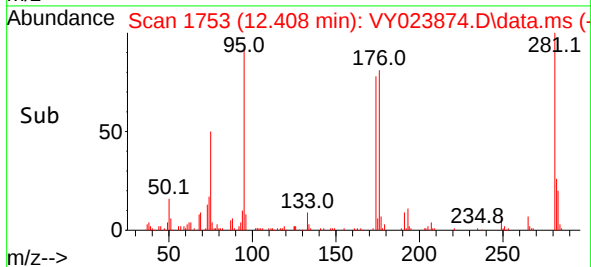
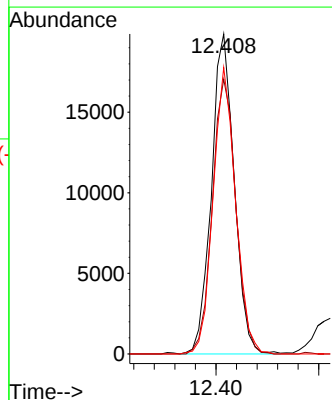
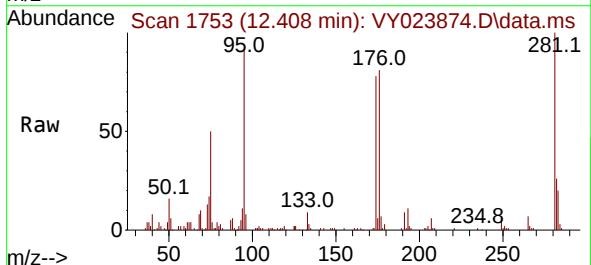
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

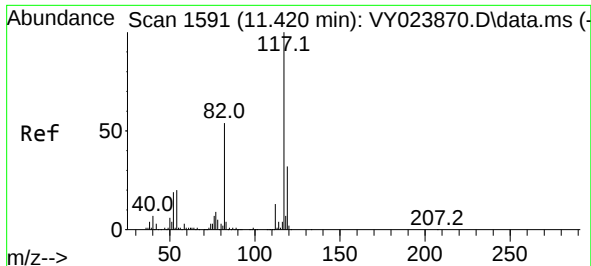
Tgt Ion:107 Resp: 15401
Ion Ratio Lower Upper
107 100
109 98.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 4.706 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 95 Resp: 30562
Ion Ratio Lower Upper
95 100
174 88.3 0.0 169.6
176 88.0 0.0 164.4

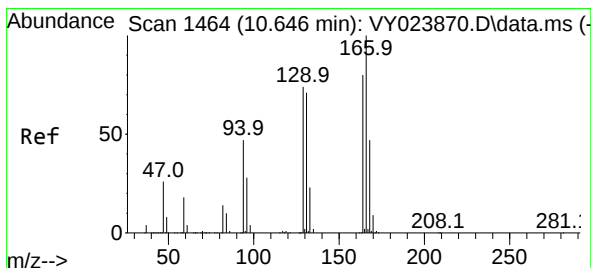
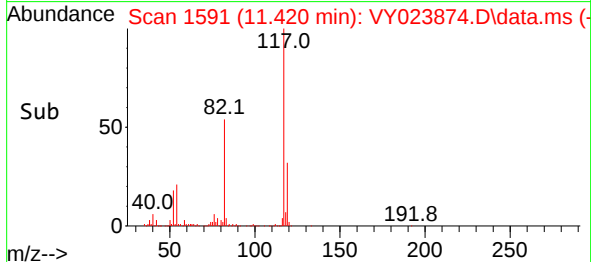
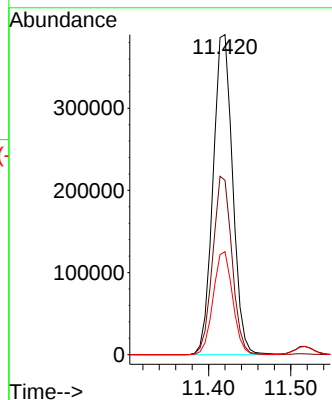
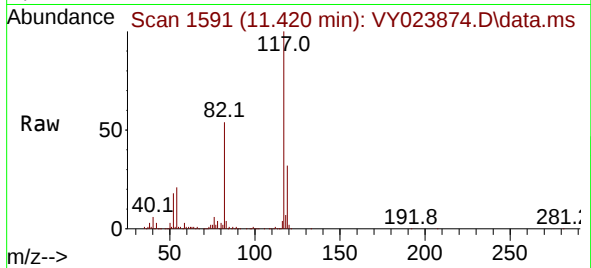




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

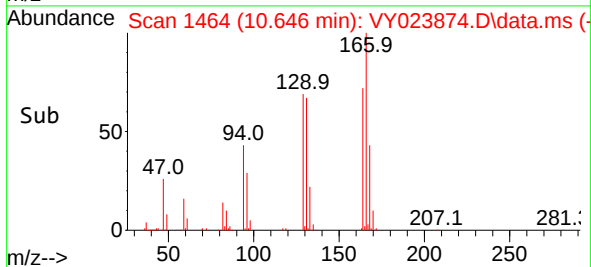
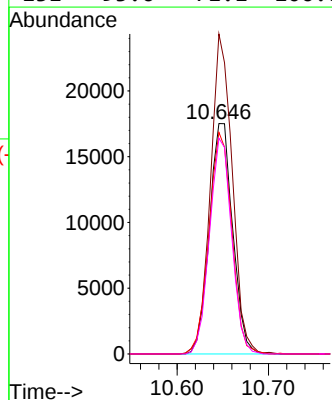
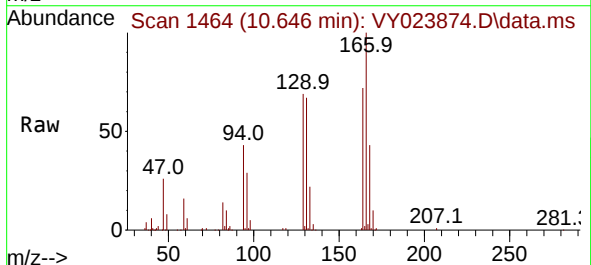
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

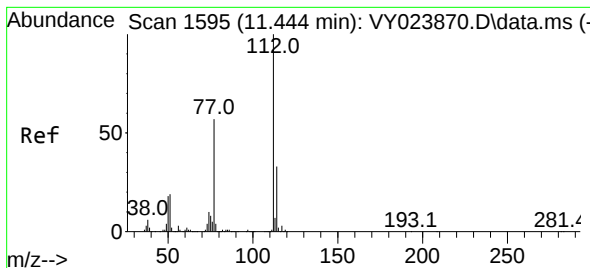
Tgt Ion:117 Resp: 645494
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 4.911 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:164 Resp: 31020
Ion Ratio Lower Upper
164 100
166 138.9 100.2 150.4
129 96.2 74.4 111.6
131 93.6 71.1 106.7

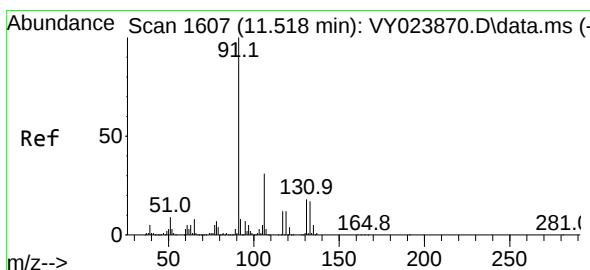
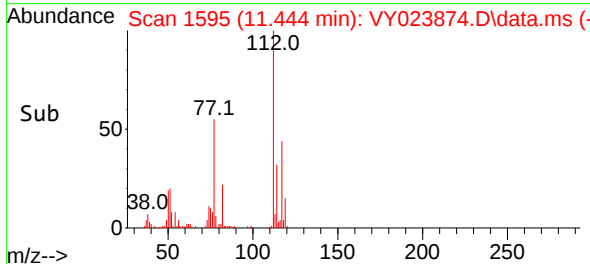
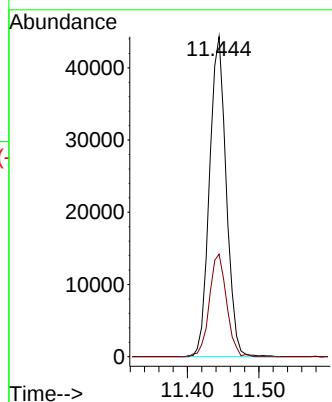
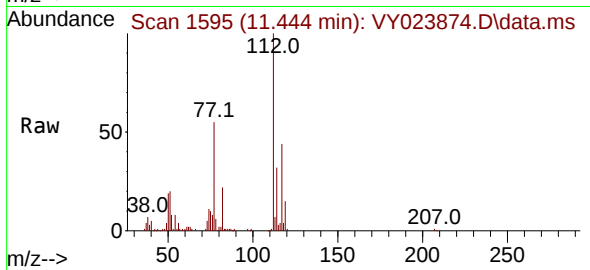




#65
Chlorobenzene
Concen: 4.893 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

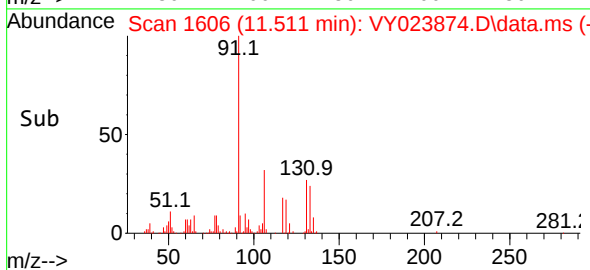
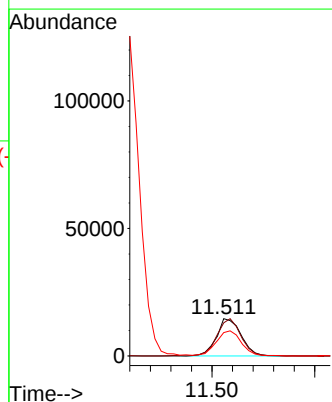
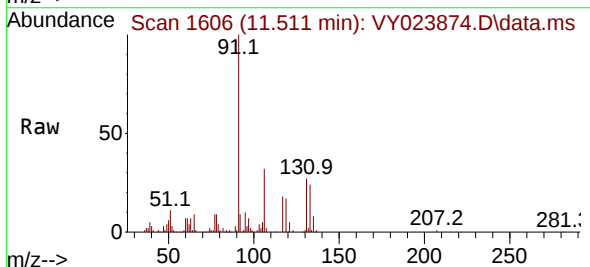
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

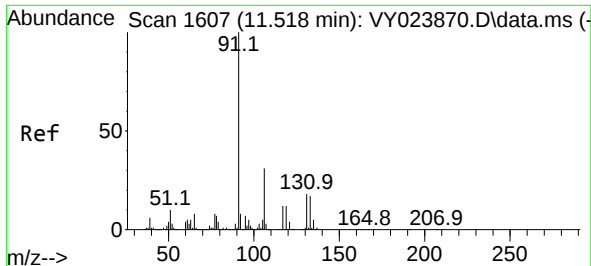
Tgt Ion:112 Resp: 72082
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.813 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:131 Resp: 24192
Ion Ratio Lower Upper
131 100
133 98.3 47.7 143.1
119 69.5 32.5 97.4





#67

Ethyl Benzene

Concen: 4.572 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

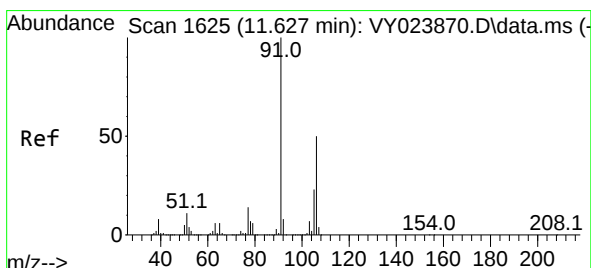
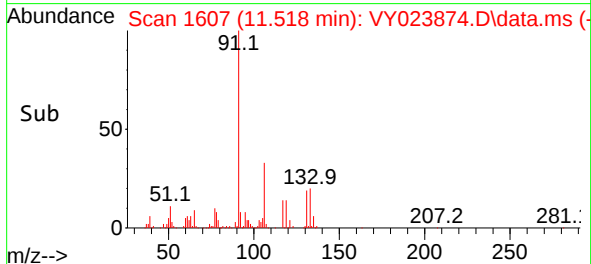
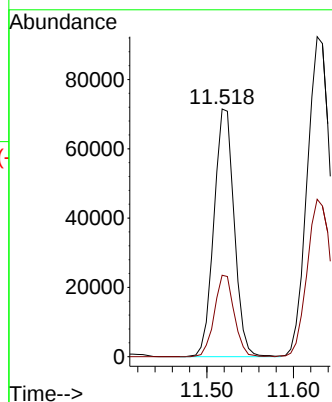
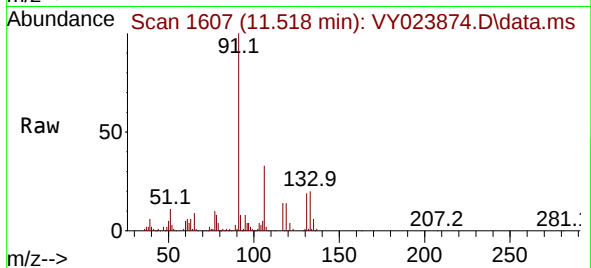
VSTDIC005

Tgt Ion: 91 Resp: 116453

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.6



#68

m/p-Xylenes

Concen: 8.865 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023874.D

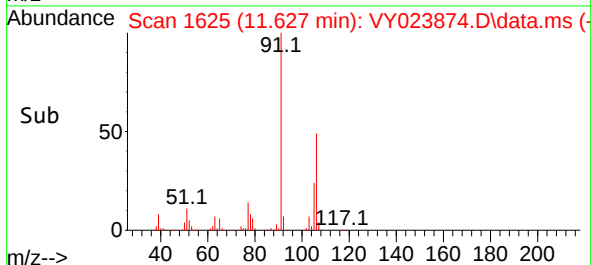
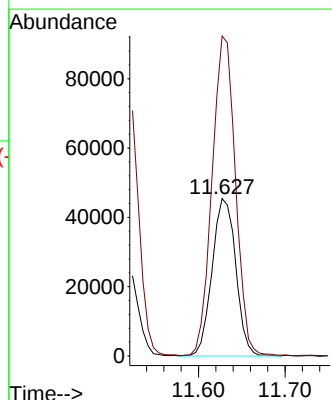
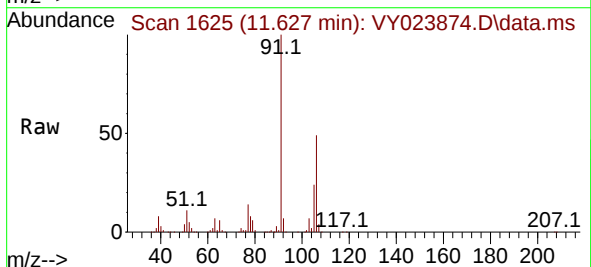
Acq: 03 Dec 2025 16:23

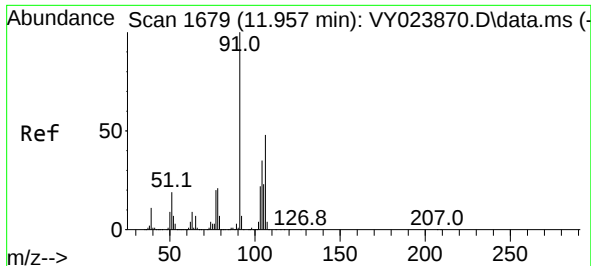
Tgt Ion: 106 Resp: 86304

Ion Ratio Lower Upper

106 100

91 200.6 159.7 239.5

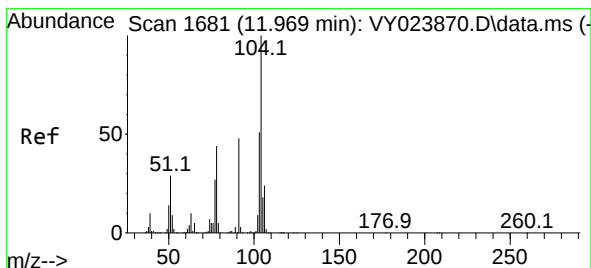
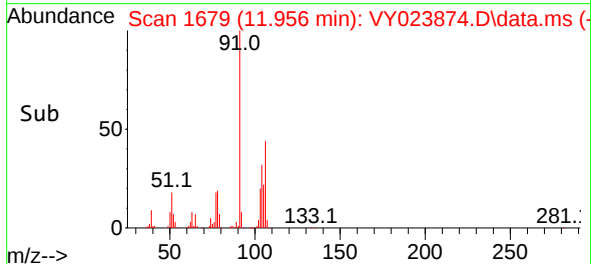
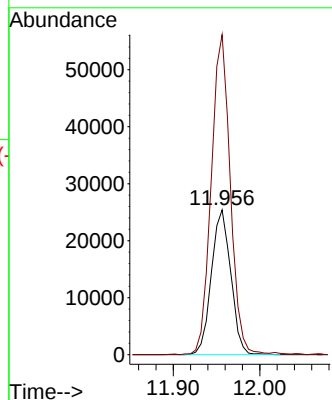
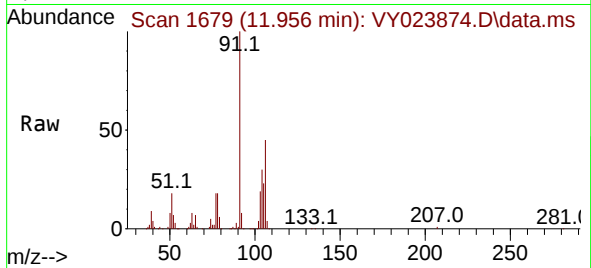




#69
o-Xylene
Concen: 4.343 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

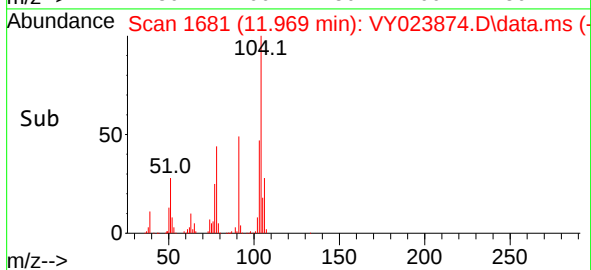
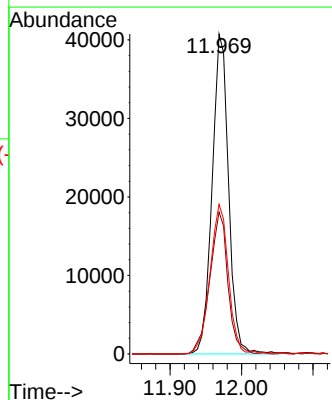
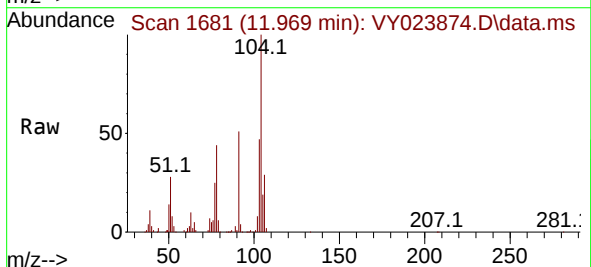
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

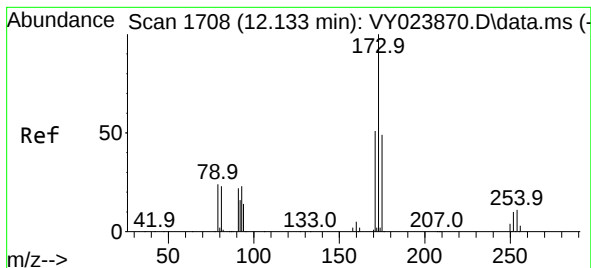
Tgt Ion:106 Resp: 39543
Ion Ratio Lower Upper
106 100
91 217.0 104.4 313.1



#70
Styrene
Concen: 4.341 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:104 Resp: 65160
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 52.2 43.9 65.9





#71

Bromoform

Concen: 4.613 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

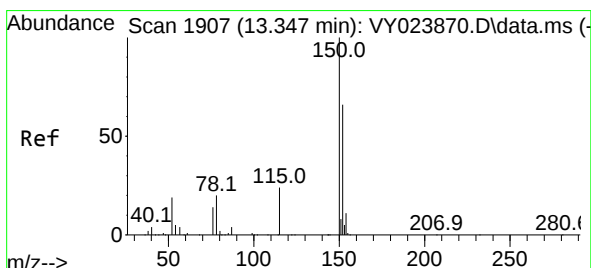
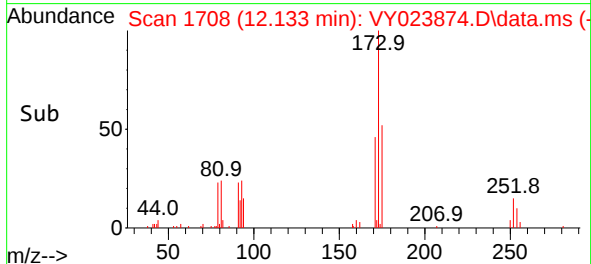
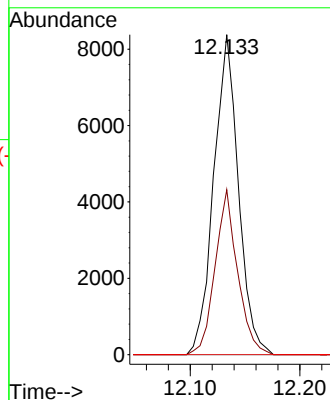
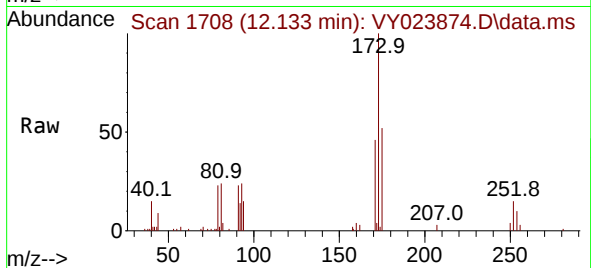
Tgt Ion:173 Resp: 13102

Ion Ratio Lower Upper

173 100

175 47.1 24.4 73.4

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

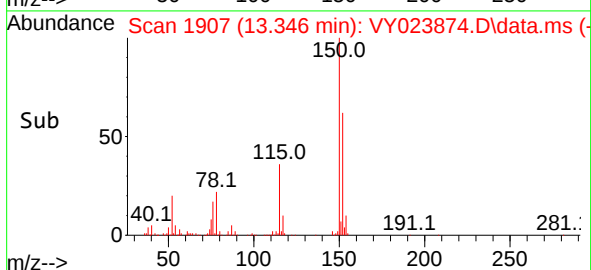
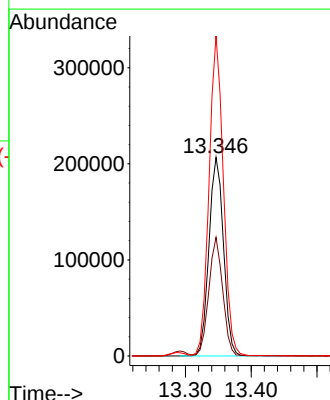
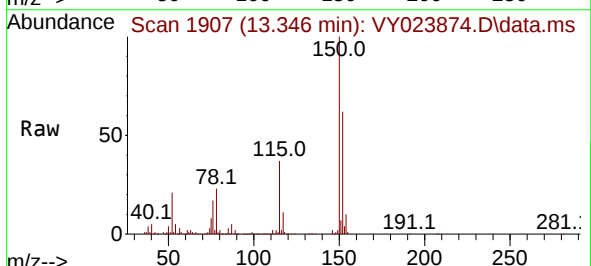
Tgt Ion:152 Resp: 317927

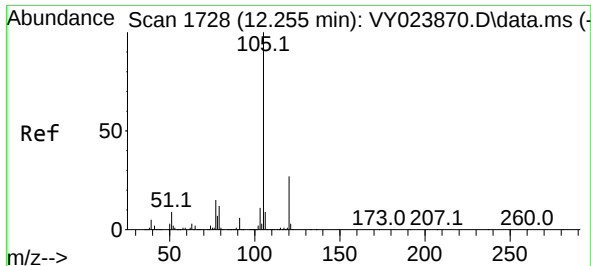
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.4

150 158.0 0.0 352.2

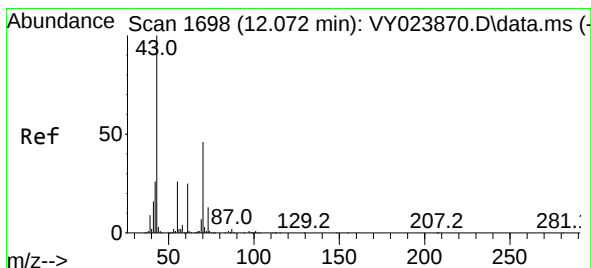
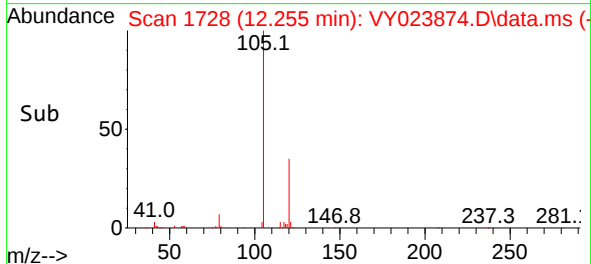
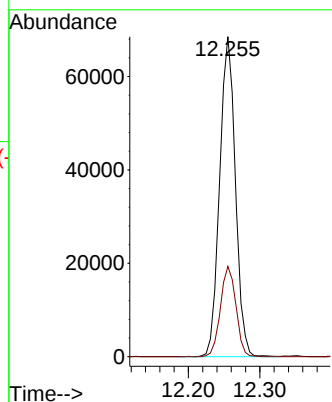
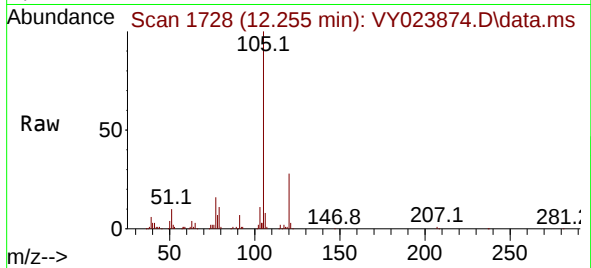




#73
Isopropylbenzene
Concen: 4.477 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

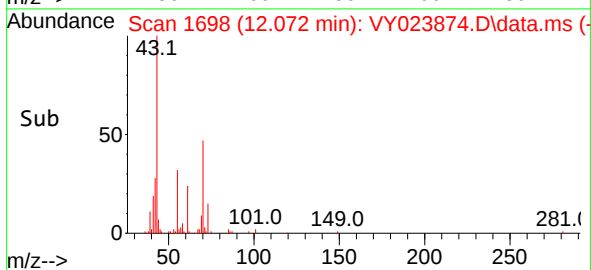
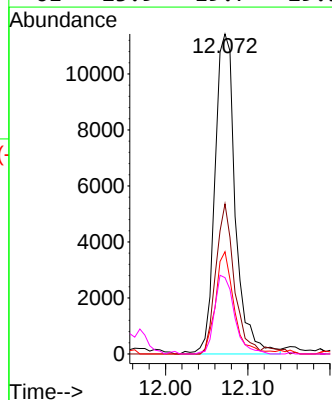
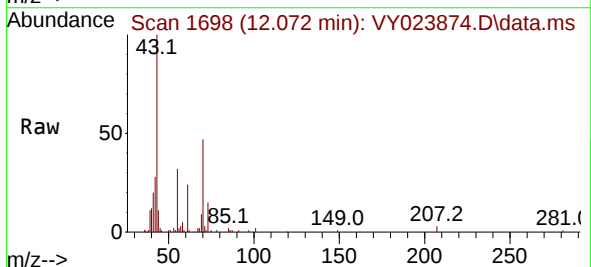
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

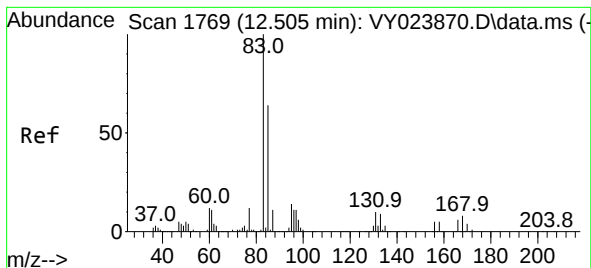
Tgt Ion:105 Resp: 104866
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 3.886 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 43 Resp: 19729
Ion Ratio Lower Upper
43 100
70 42.5 35.5 53.3
55 29.1 21.1 31.7
61 23.9 19.7 29.5





#75

1,1,2-Tetrachloroethane

Concen: 4.614 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

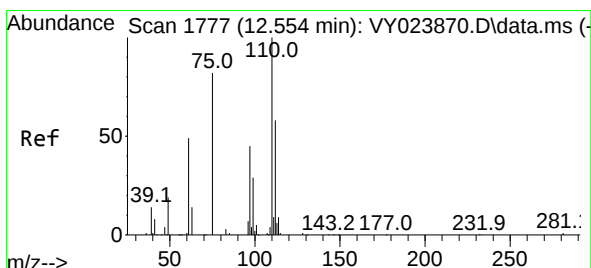
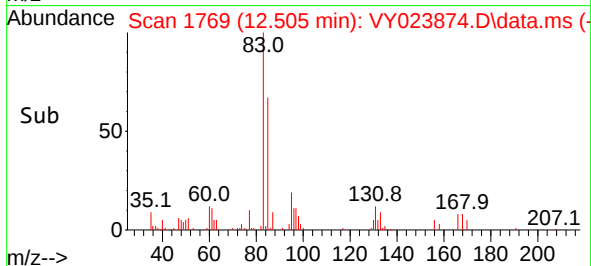
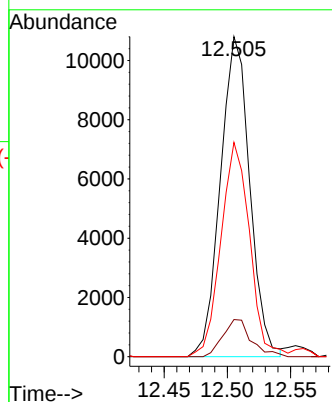
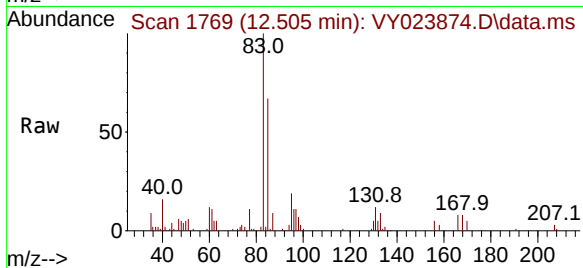
Tgt Ion: 83 Resp: 17437

Ion Ratio Lower Upper

83 100

131 11.2 5.3 15.9

85 65.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 7.724 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023874.D

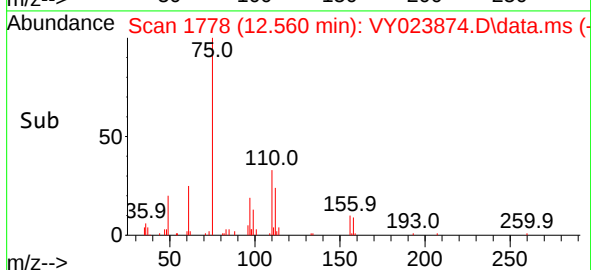
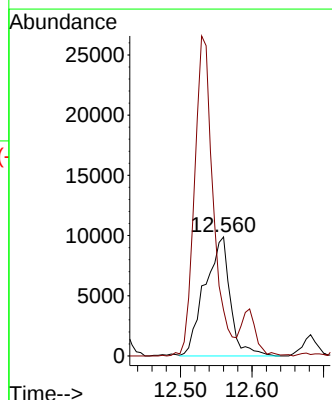
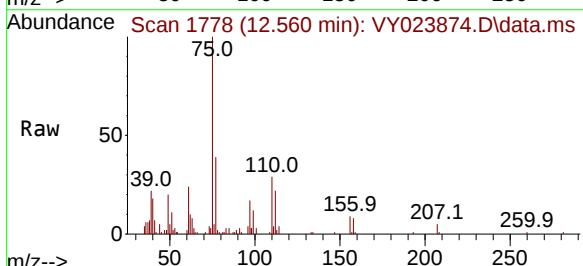
Acq: 03 Dec 2025 16:23

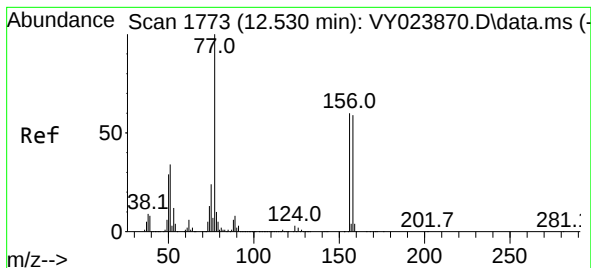
Tgt Ion: 75 Resp: 24346

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.950 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

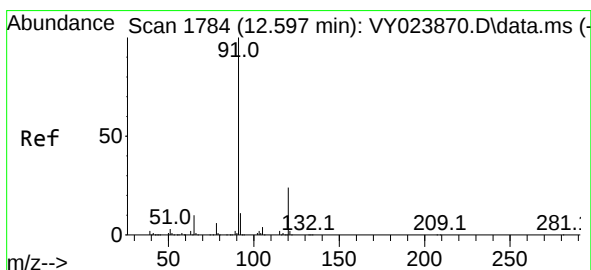
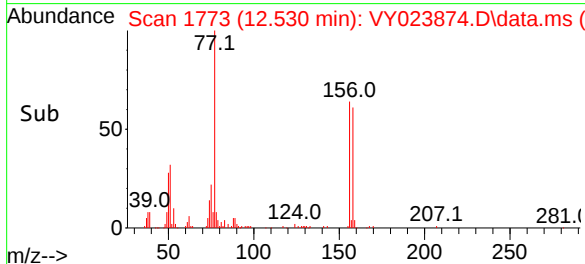
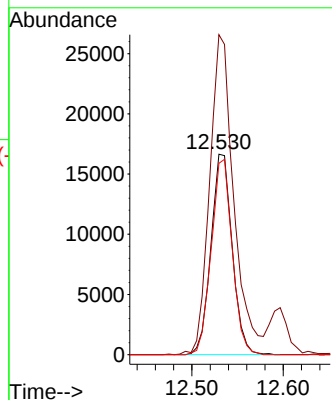
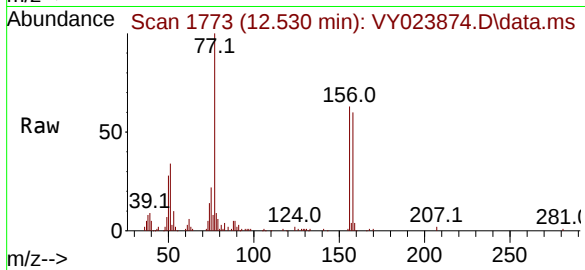
Tgt Ion:156 Resp: 26926

Ion Ratio Lower Upper

156 100

77 180.9 89.6 268.9

158 96.0 48.6 145.8



#78

n-propylbenzene

Concen: 4.601 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023874.D

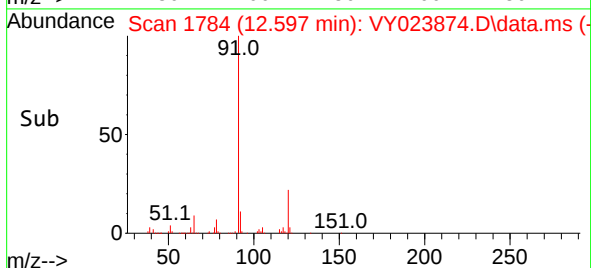
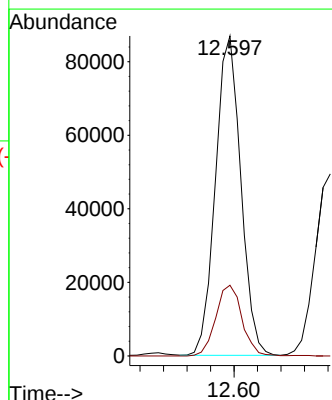
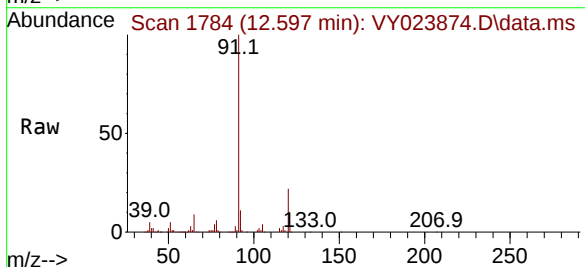
Acq: 03 Dec 2025 16:23

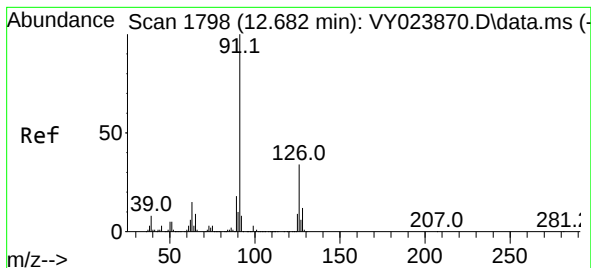
Tgt Ion: 91 Resp: 130058

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

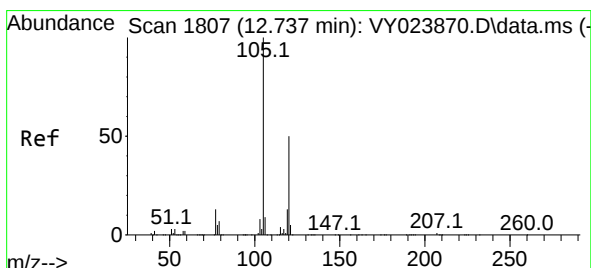
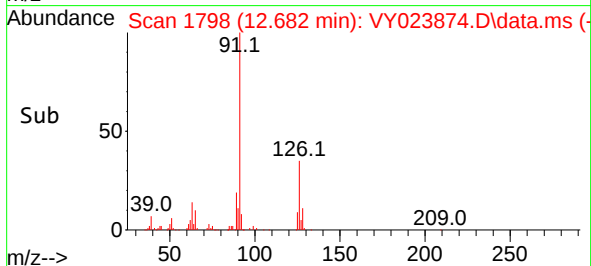
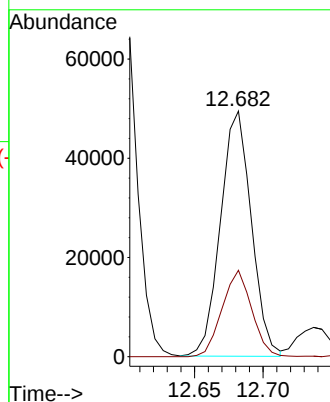
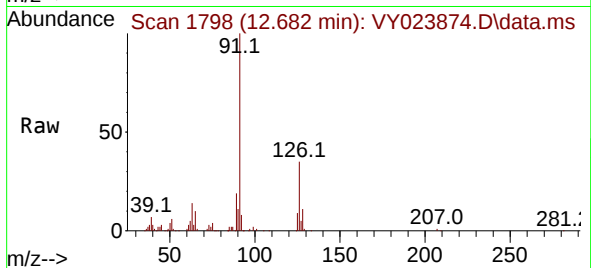




#79
2-Chlorotoluene
Concen: 4.830 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

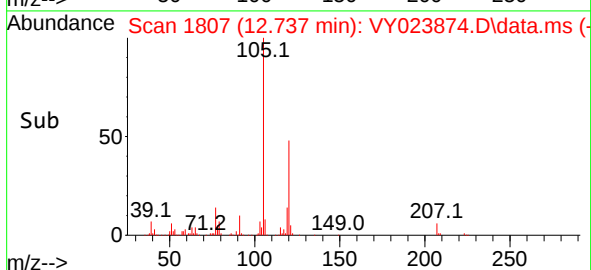
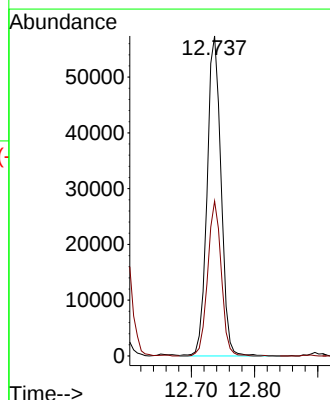
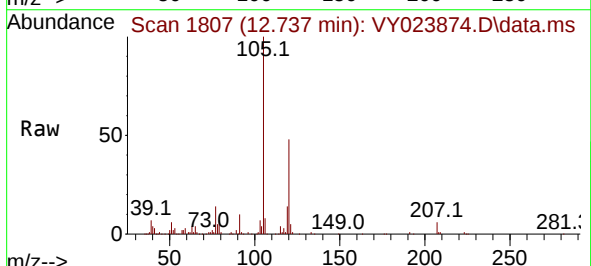
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

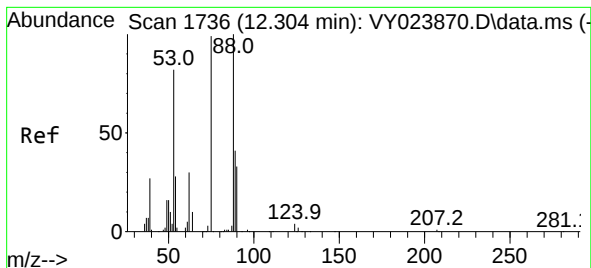
Tgt Ion: 91 Resp: 77538
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 4.615 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 105 Resp: 87840
Ion Ratio Lower Upper
105 100
120 47.2 24.9 74.6

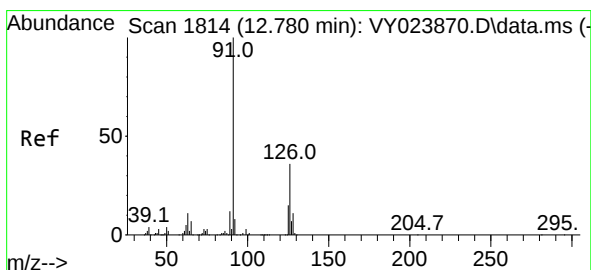
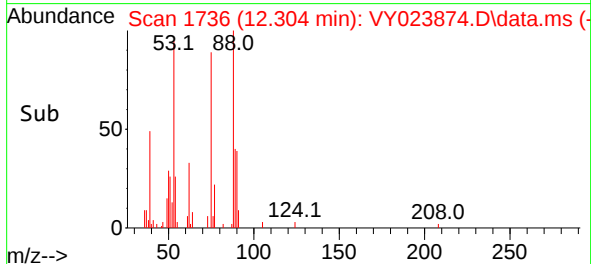
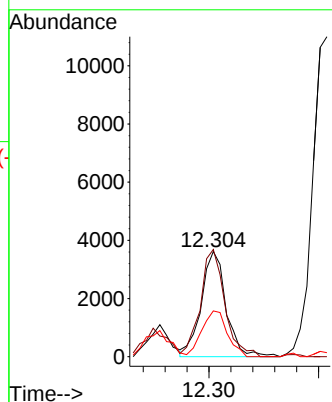
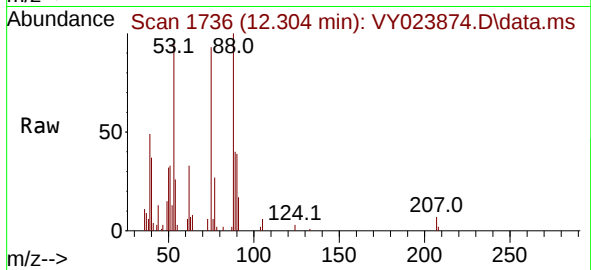




#81
trans-1,4-Dichloro-2-butene
Concen: 4.322 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

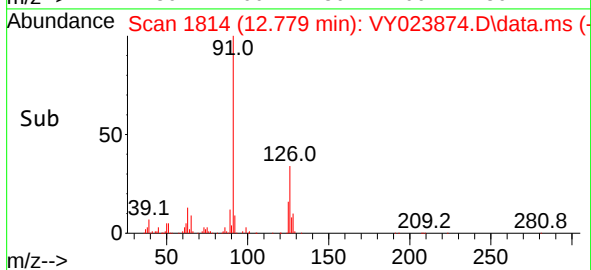
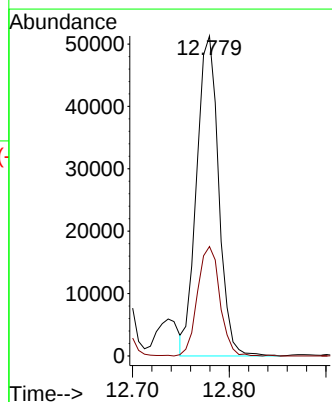
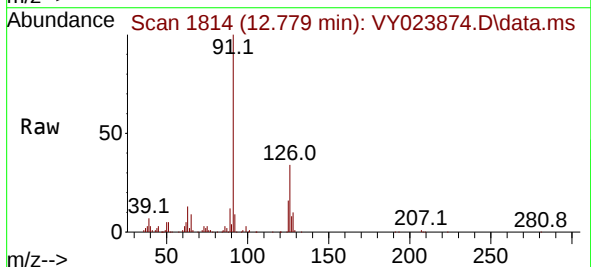
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

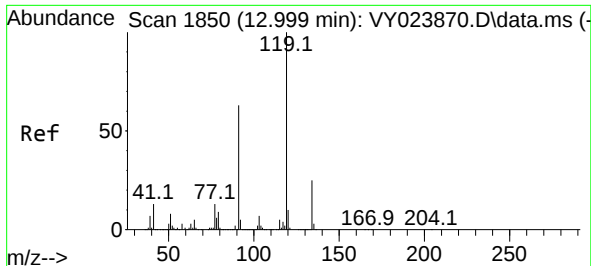
Tgt Ion: 75 Resp: 5688
Ion Ratio Lower Upper
75 100
53 100.1 71.1 106.7
89 44.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 4.881 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 91 Resp: 81236
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

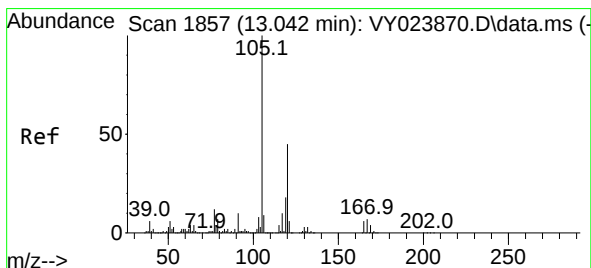
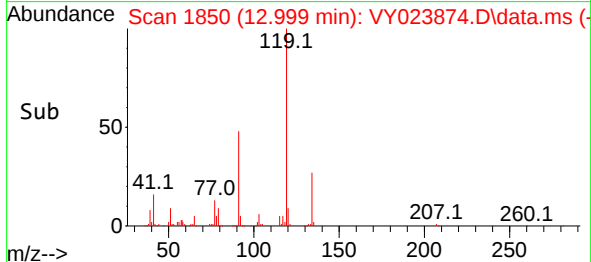
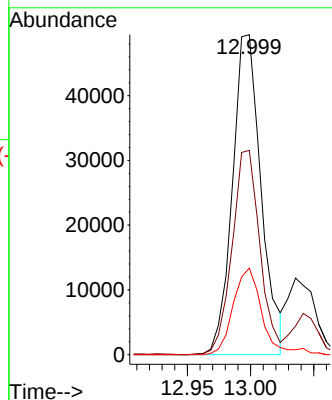
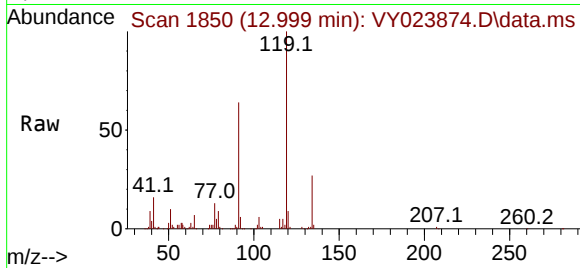




#83
tert-Butylbenzene
Concen: 4.556 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

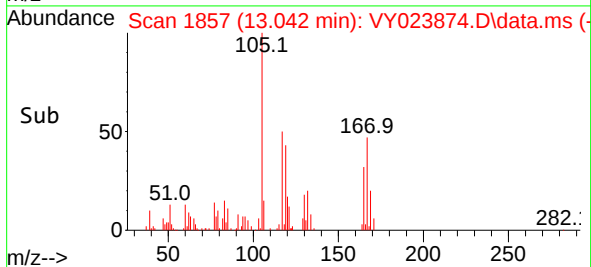
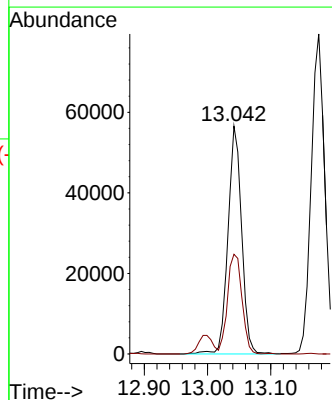
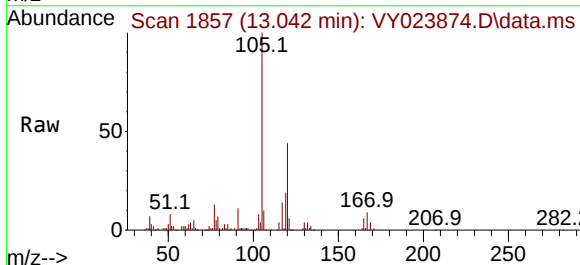
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

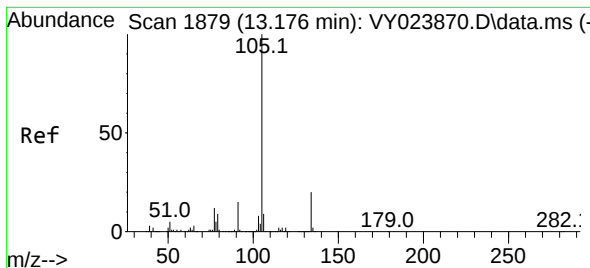
Tgt Ion:119 Resp: 78181
Ion Ratio Lower Upper
119 100
91 61.9 31.8 95.3
134 27.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 4.484 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion:105 Resp: 84538
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.620 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

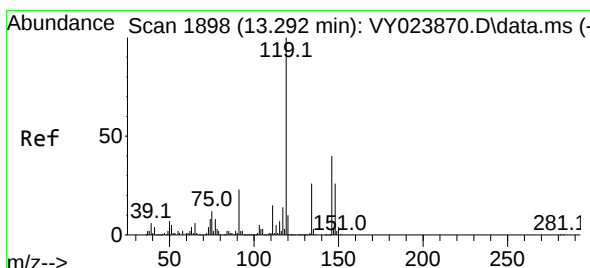
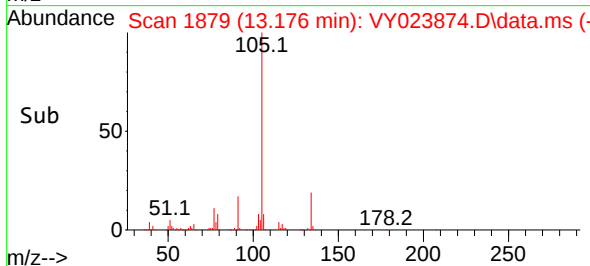
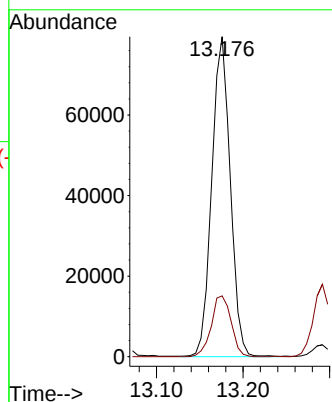
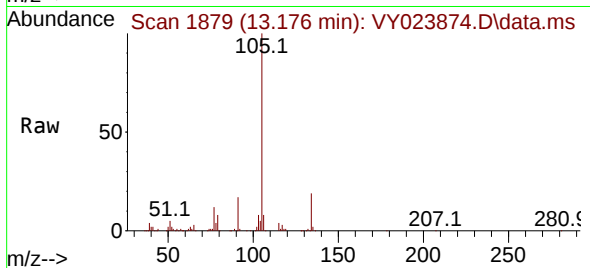
VSTDIC005

Tgt Ion:105 Resp: 117932

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 4.449 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

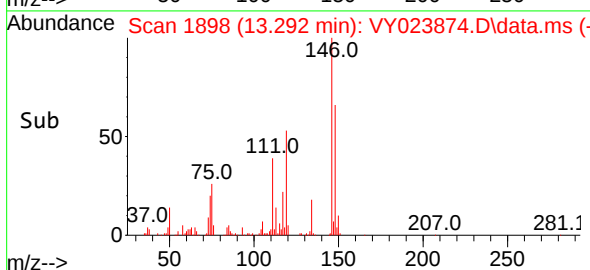
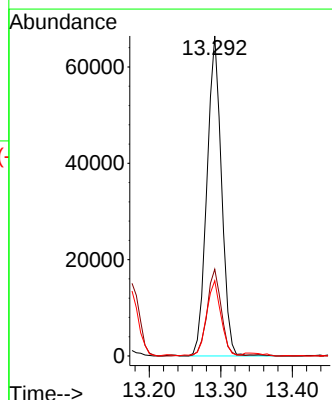
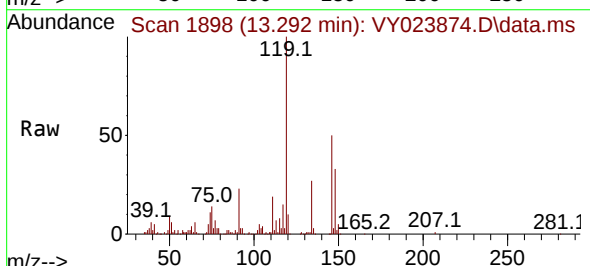
Tgt Ion:119 Resp: 94033

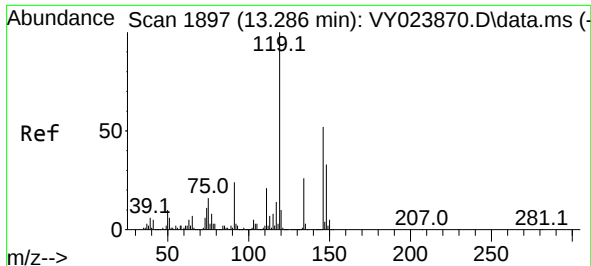
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 5.167 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

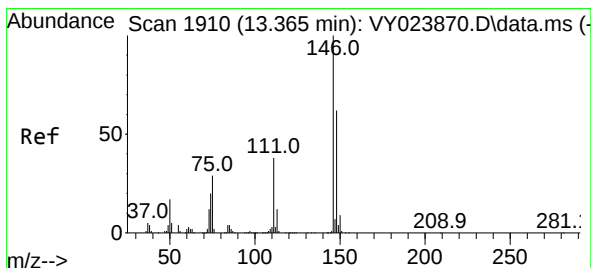
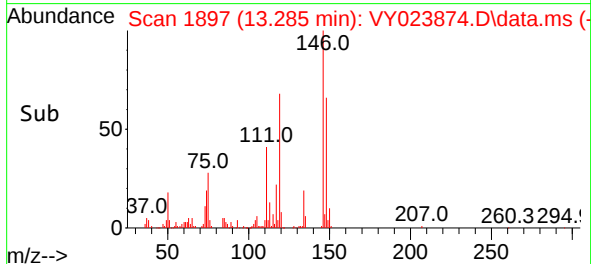
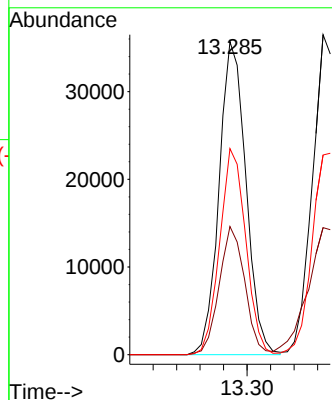
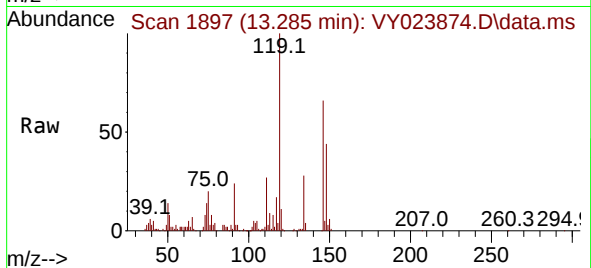
Tgt Ion:146 Resp: 56628

Ion Ratio Lower Upper

146 100

111 39.1 20.0 60.0

148 63.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 5.277 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

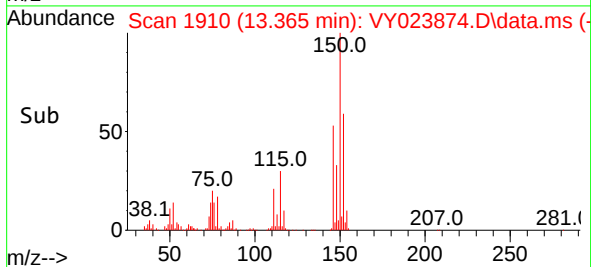
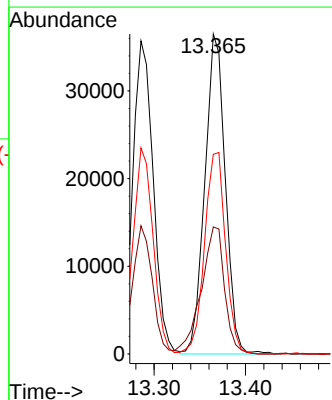
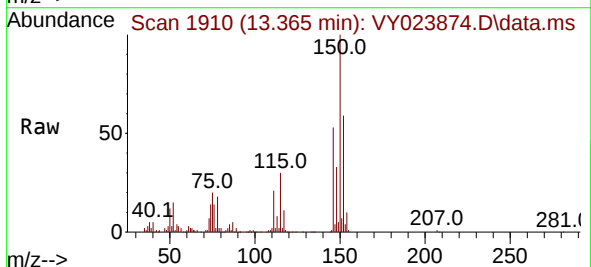
Tgt Ion:146 Resp: 56715

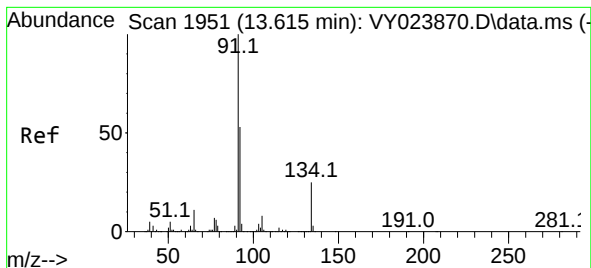
Ion Ratio Lower Upper

146 100

111 45.4 19.4 58.1

148 64.9 32.0 96.2





#89

n-Butylbenzene

Concen: 4.530 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

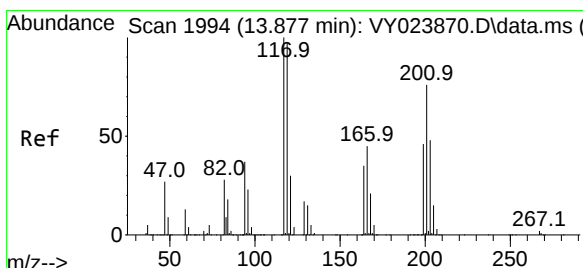
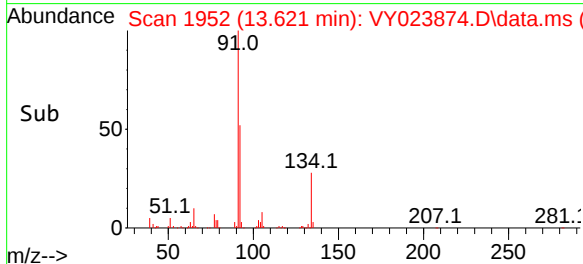
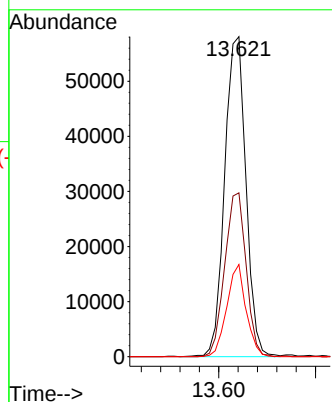
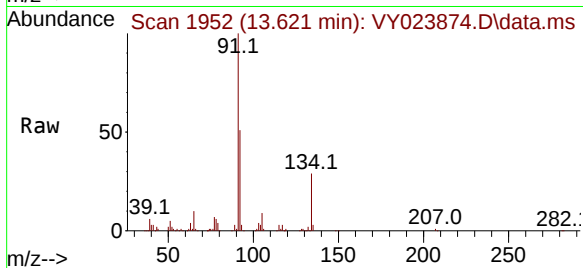
Tgt Ion: 91 Resp: 88601

Ion Ratio Lower Upper

91 100

92 51.6 26.7 80.0

134 26.2 13.0 39.0



#90

Hexachloroethane

Concen: 4.950 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023874.D

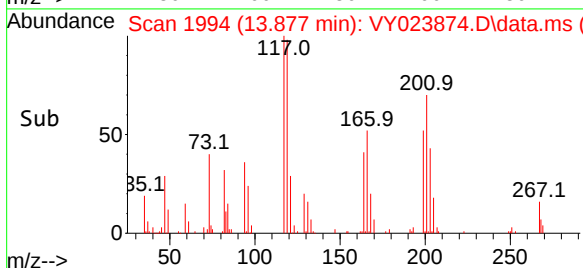
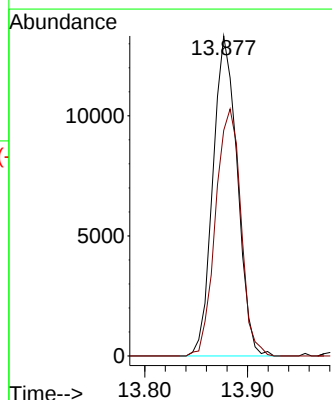
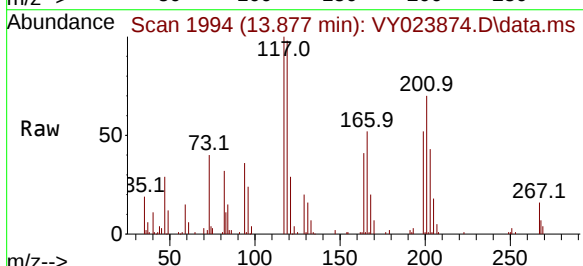
Acq: 03 Dec 2025 16:23

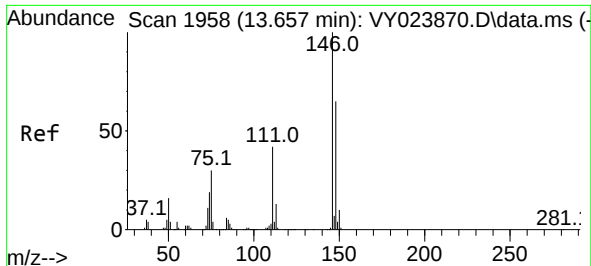
Tgt Ion: 117 Resp: 21947

Ion Ratio Lower Upper

117 100

201 80.0 39.1 117.2

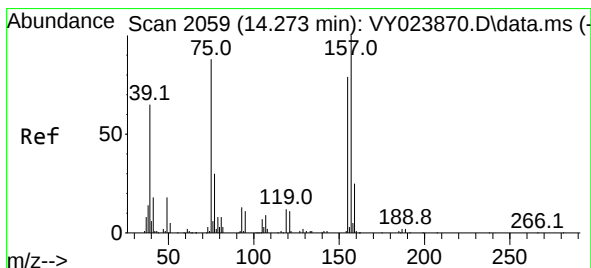
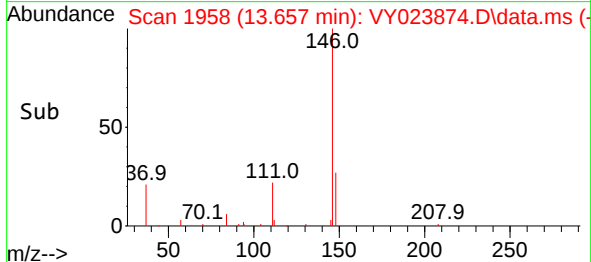
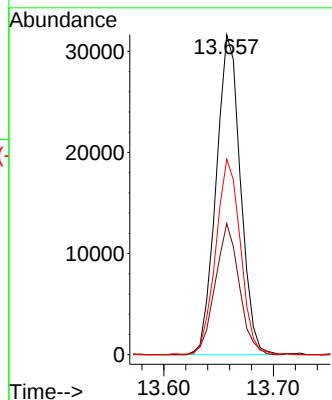
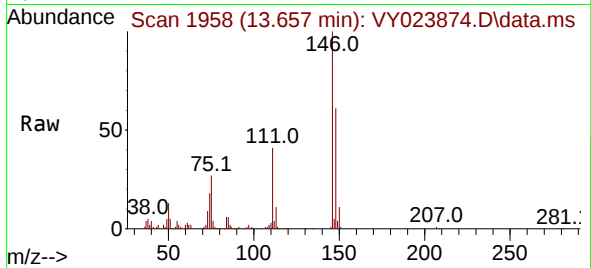




#91
1,2-Dichlorobenzene
Concen: 5.117 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

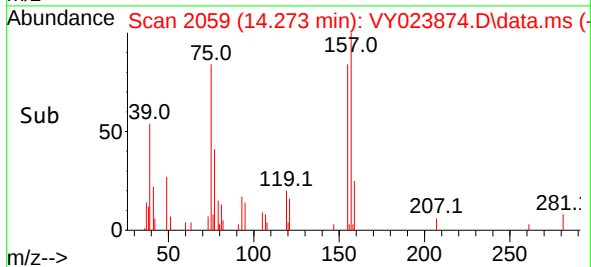
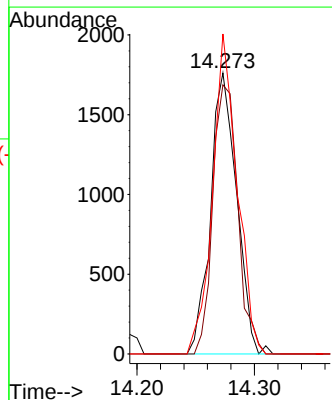
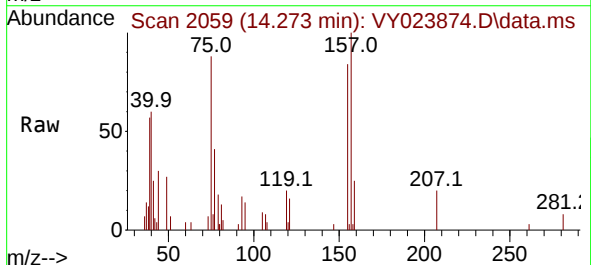
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

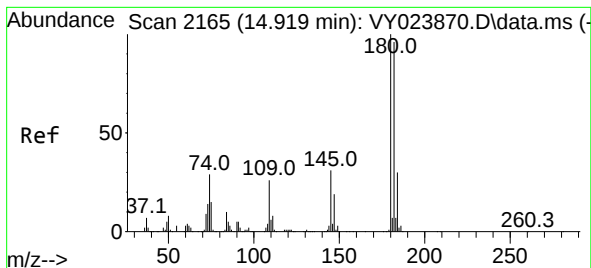
Tgt Ion:146 Resp: 48782
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 62.2 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.589 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023874.D
Acq: 03 Dec 2025 16:23

Tgt Ion: 75 Resp: 2727
Ion Ratio Lower Upper
75 100
155 91.7 44.4 133.2
157 106.9 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 5.055 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

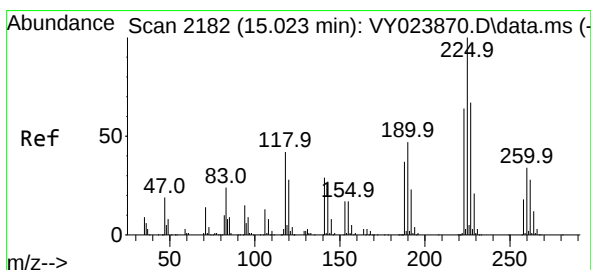
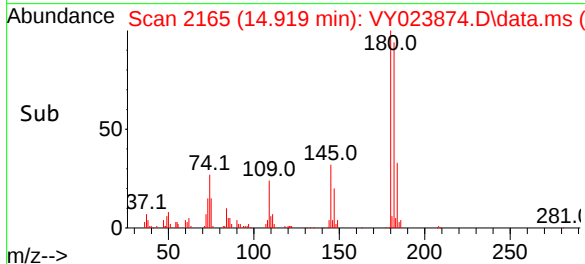
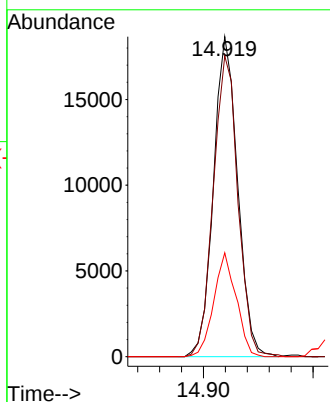
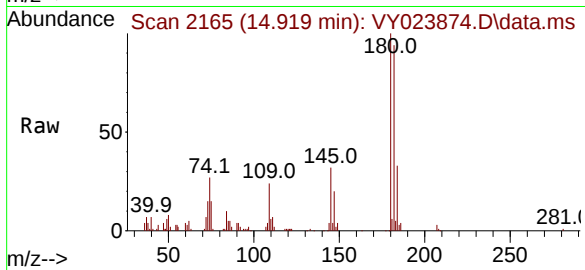
Tgt Ion:180 Resp: 28570

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 30.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 5.126 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

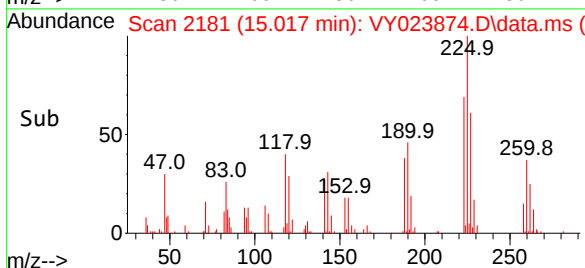
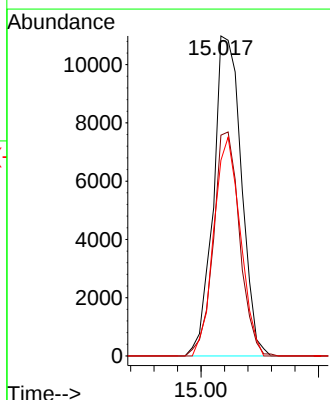
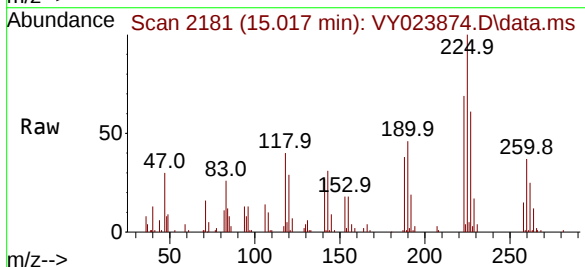
Tgt Ion:225 Resp: 18175

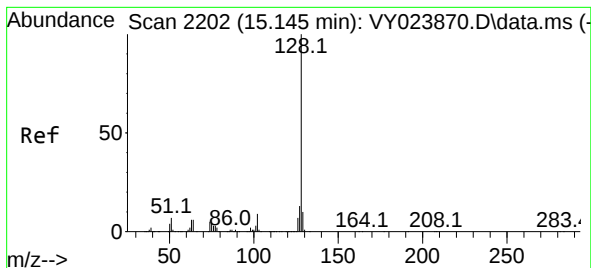
Ion Ratio Lower Upper

225 100

223 65.6 31.6 95.0

227 65.0 32.6 97.8





#95

Naphthalene

Concen: 4.415 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

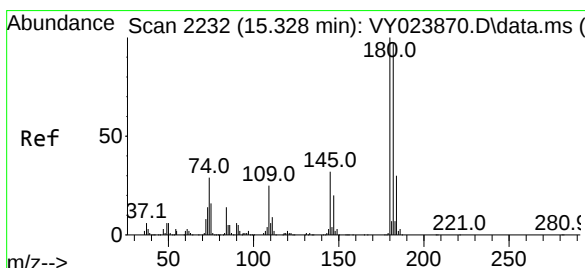
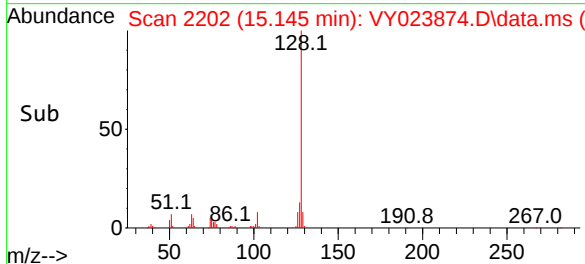
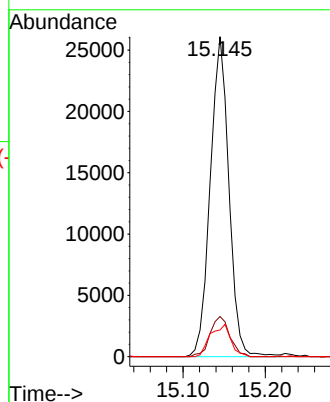
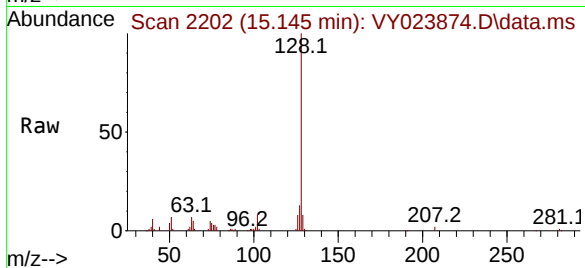
Tgt Ion:128 Resp: 41125

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.070 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023874.D

Acq: 03 Dec 2025 16:23

Tgt Ion:180 Resp: 24455

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.8

145 31.5 15.7 47.1

