

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023868.D
 Acq On : 03 Dec 2025 14:05
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 04 03:37:35 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	500618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	773215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	653185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	328899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	49163	9.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.640%#
35) Dibromofluoromethane	7.640	113	49386	9.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.920%#
50) Toluene-d8	10.109	98	187219	9.701	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.400%#
62) 4-Bromofluorobenzene	12.408	95	63323	9.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	41421	10.939	ug/l	96
3) Chloromethane	2.074	50	54331	10.059	ug/l	99
4) Vinyl Chloride	2.208	62	62446	10.135	ug/l	98
5) Bromomethane	2.604	94	46242	10.395	ug/l	99
6) Chloroethane	2.745	64	43322	10.371	ug/l	95
7) Trichlorofluoromethane	3.068	101	91554	10.627	ug/l	97
8) Diethyl Ether	3.458	74	26273	10.180	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	56654	10.976	ug/l	98
10) Methyl Iodide	4.013	142	45929	10.073	ug/l	98
11) Tert butyl alcohol	4.854	59	23526	55.630	ug/l	99
12) 1,1-Dichloroethene	3.793	96	49656	10.296	ug/l	94
13) Acrolein	3.659	56	22550	72.126	ug/l	97
14) Allyl chloride	4.391	41	76559	9.929	ug/l	98
15) Acrylonitrile	5.067	53	55664	49.554	ug/l	98
16) Acetone	3.879	43	84687	56.433	ug/l	99
17) Carbon Disulfide	4.116	76	133084	9.340	ug/l	99
18) Methyl Acetate	4.397	43	25458	10.002	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	118838	9.810	ug/l	99
20) Methylene Chloride	4.622	84	64757	10.505	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	53666	10.086	ug/l	92
22) Diisopropyl ether	6.025	45	171977	10.130	ug/l	92
23) Vinyl Acetate	5.970	43	459234	48.798	ug/l	100
24) 1,1-Dichloroethane	5.921	63	101250	10.322	ug/l	96
25) 2-Butanone	6.902	43	99304	54.893	ug/l	97
26) 2,2-Dichloropropane	6.890	77	96198	10.700	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	61832	10.007	ug/l	96
28) Bromochloromethane	7.256	49	36352	9.699	ug/l	100
29) Tetrahydrofuran	7.274	42	46481	49.681	ug/l	98
30) Chloroform	7.427	83	103996	10.492	ug/l	97
31) Cyclohexane	7.707	56	95770	10.211	ug/l #	91
32) 1,1,1-Trichloroethane	7.622	97	94229	10.531	ug/l	99
36) 1,1-Dichloropropene	7.841	75	75619	10.341	ug/l	98
37) Ethyl Acetate	6.994	43	34856	10.322	ug/l	98
38) Carbon Tetrachloride	7.823	117	84516	10.472	ug/l	97
39) Methylcyclohexane	9.115	83	92521	9.720	ug/l	96
40) Benzene	8.085	78	225638	10.209	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	18040	10.362	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	60037	10.409	ug/l	100
43) Isopropyl Acetate	8.201	43	62147	9.837	ug/l #	89
44) Trichloroethene	8.872	130	57989	10.196	ug/l	100
45) 1,2-Dichloropropane	9.146	63	54251	10.366	ug/l	99
46) Dibromomethane	9.237	93	29055	10.255	ug/l	99
47) Bromodichloromethane	9.426	83	78697	10.528	ug/l	95
48) Methyl methacrylate	9.225	41	27613	9.355	ug/l	99
49) 1,4-Dioxane	9.231	88	6206	196.991	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	160975	48.455	ug/l	99
52) Toluene	10.176	92	141234	10.204	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	65036	9.640	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	78015	9.820	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	39090	10.221	ug/l	95
56) Ethyl methacrylate	10.444	69	43530	11.300	ug/l	98
57) 1,3-Dichloropropane	10.719	76	66363	10.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	73539	43.223	ug/l	100
59) 2-Hexanone	10.762	43	126850	50.628	ug/l	97
60) Dibromochloromethane	10.914	129	52135	10.166	ug/l	99
61) 1,2-Dibromoethane	11.018	107	35286	10.123	ug/l	100
64) Tetrachloroethene	10.652	164	69006	10.796	ug/l	91
65) Chlorobenzene	11.444	112	153517	10.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	53726	10.562	ug/l	99
67) Ethyl Benzene	11.524	91	254914	9.890	ug/l	100
68) m/p-Xylenes	11.633	106	194108	19.704	ug/l	99
69) o-Xylene	11.956	106	88776	9.635	ug/l	96
70) Styrene	11.975	104	145688	9.592	ug/l	99
71) Bromoform	12.133	173	28873	10.046	ug/l #	98
73) Isopropylbenzene	12.255	105	243607	10.053	ug/l	99
74) N-amyl acetate	12.072	43	47261	8.999	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40930	10.469	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	56971	17.472	ug/l #	100
77) Bromobenzene	12.529	156	57581	10.231	ug/l	100
78) n-propylbenzene	12.597	91	291497	9.969	ug/l	100
79) 2-Chlorotoluene	12.682	91	166508	10.027	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	195539	9.931	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	13509	9.923	ug/l	95
82) 4-Chlorotoluene	12.779	91	176116	10.229	ug/l	99
83) tert-Butylbenzene	12.999	119	176020	9.916	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	195542	10.025	ug/l	98
85) sec-Butylbenzene	13.176	105	267991	10.149	ug/l	99
86) p-Isopropyltoluene	13.292	119	218621	10.000	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	117095	10.327	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	114716	10.317	ug/l	96
89) n-Butylbenzene	13.621	91	195542	9.663	ug/l	99
90) Hexachloroethane	13.877	117	48202	10.509	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	100521	10.193	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6268	10.196	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	55634	9.515	ug/l	99
94) Hexachlorobutadiene	15.023	225	38656	10.538	ug/l	97
95) Naphthalene	15.145	128	79869	8.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46259	9.271	ug/l	98

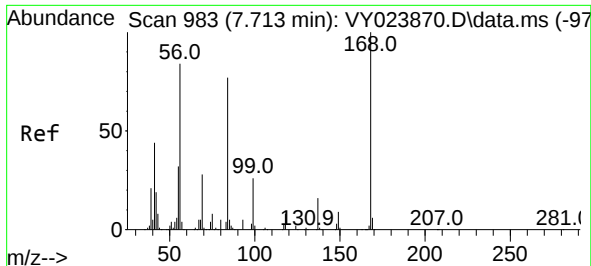
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:37:03 2025
Response via : Initial Calibration

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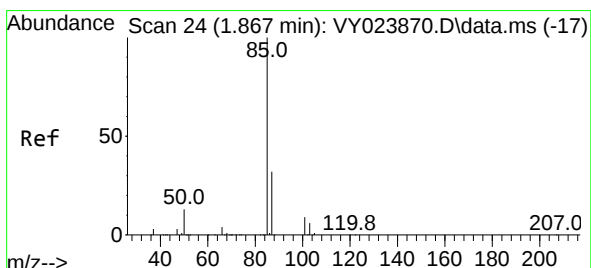
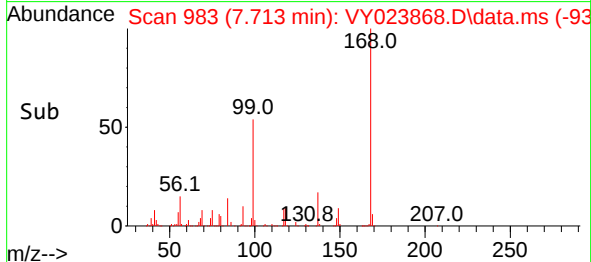
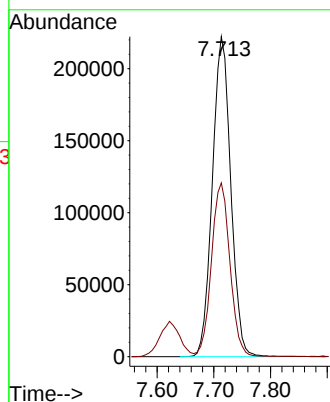
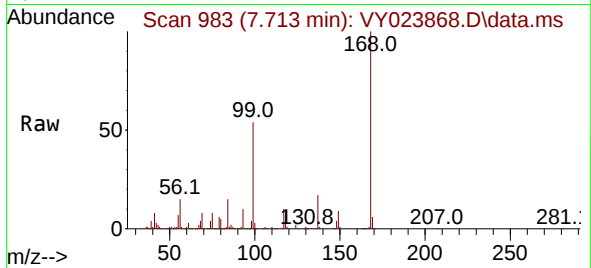
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

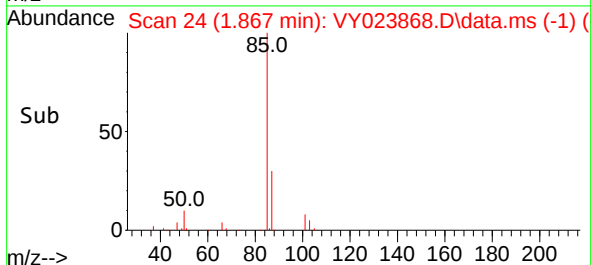
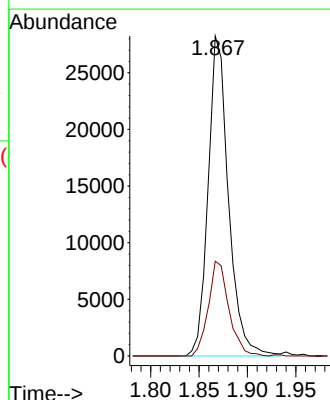
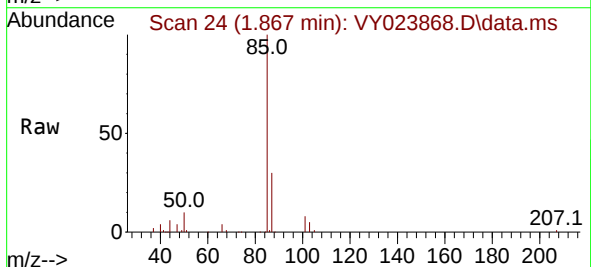
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MSVOA_Y
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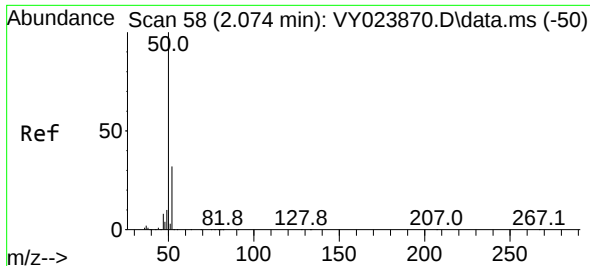
Tgt Ion:168 Resp: 500618
Ion Ratio Lower Upper
168 100
99 54.2 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 10.939 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 85 Resp: 41421
Ion Ratio Lower Upper
85 100
87 29.6 15.9 47.6

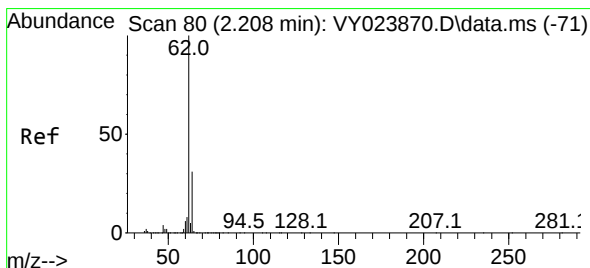
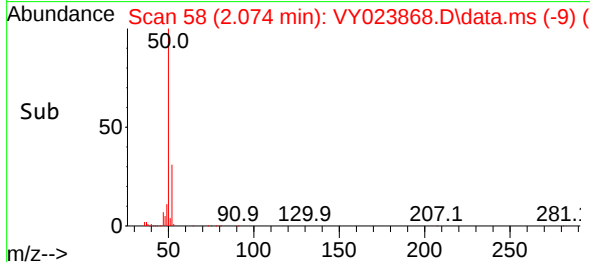
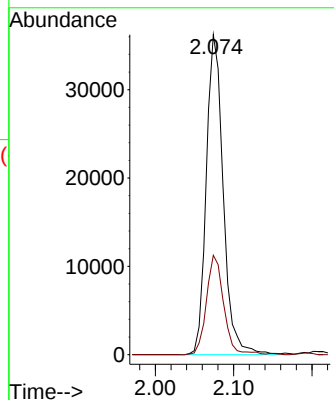
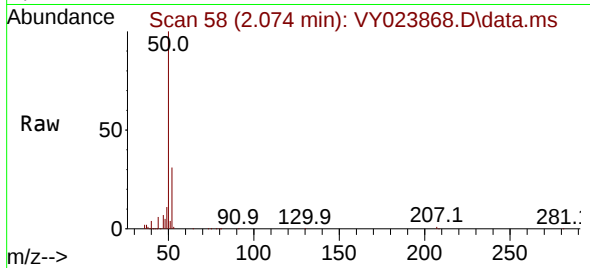




#3
Chloromethane
Concen: 10.059 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

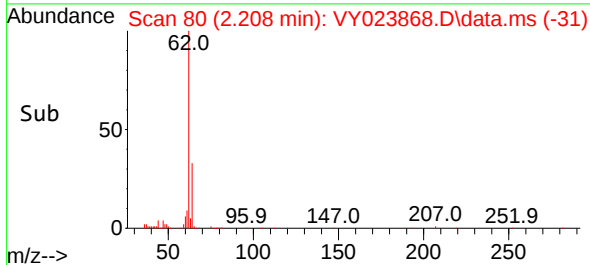
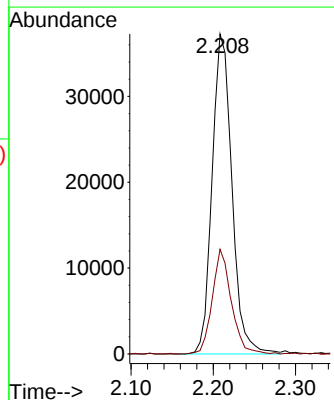
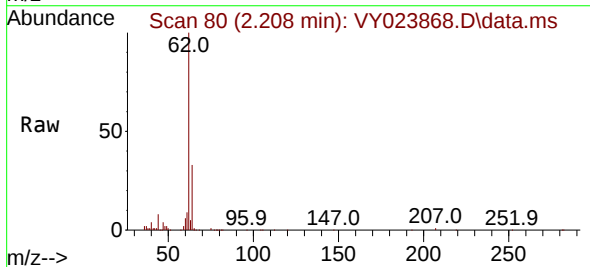
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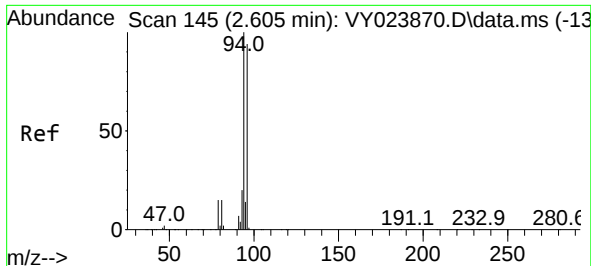
Tgt Ion: 50 Resp: 54331
Ion Ratio Lower Upper
50 100
52 31.1 25.2 37.8



#4
Vinyl Chloride
Concen: 10.135 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 62 Resp: 62446
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7

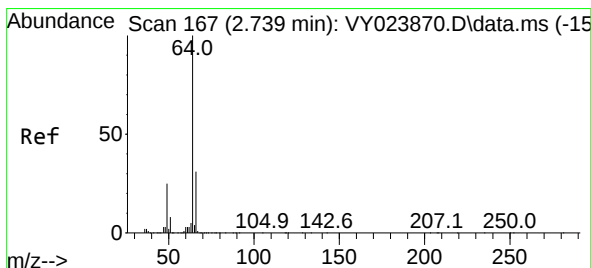
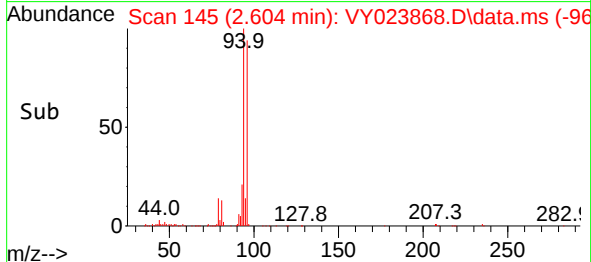
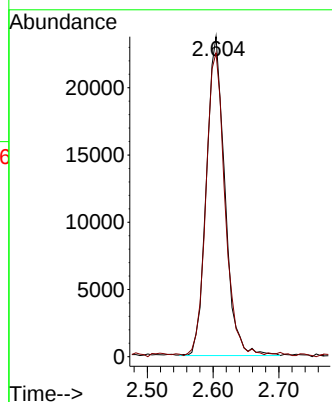
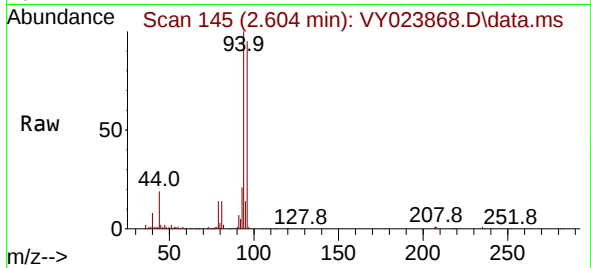




#5
Bromomethane
Concen: 10.395 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

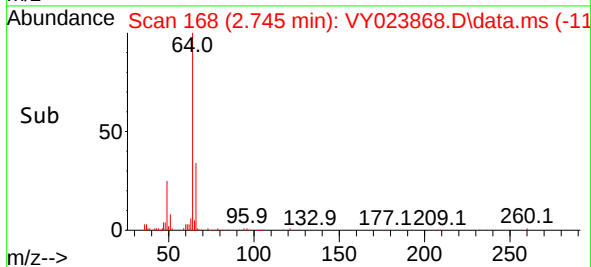
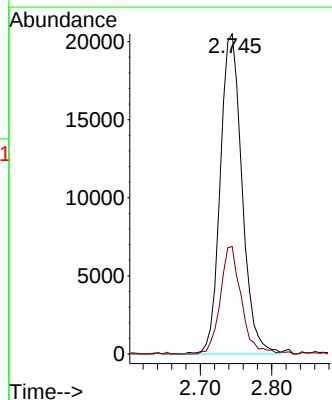
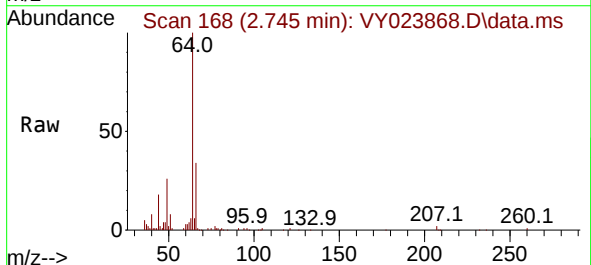
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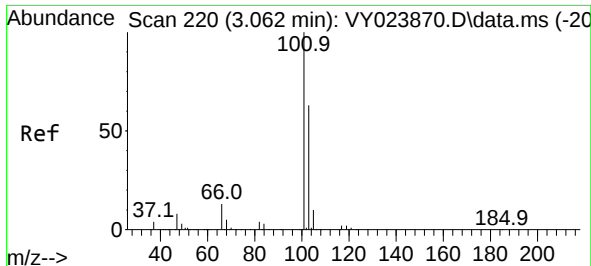
Tgt Ion: 94 Resp: 46242
Ion Ratio Lower Upper
94 100
96 94.6 75.2 112.8



#6
Chloroethane
Concen: 10.371 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 64 Resp: 43322
Ion Ratio Lower Upper
64 100
66 33.6 24.8 37.2

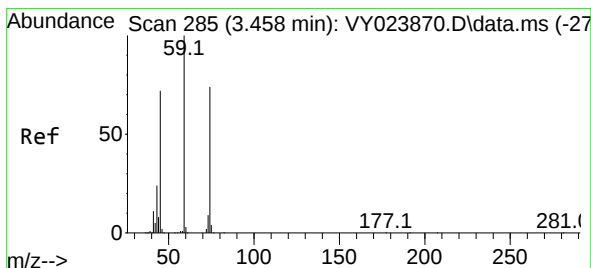
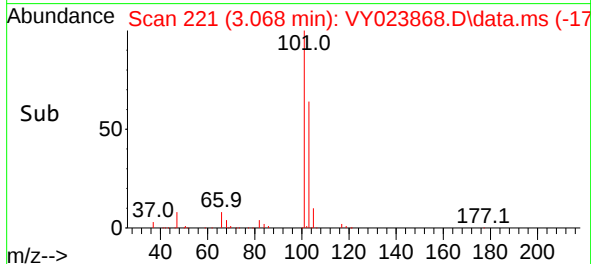
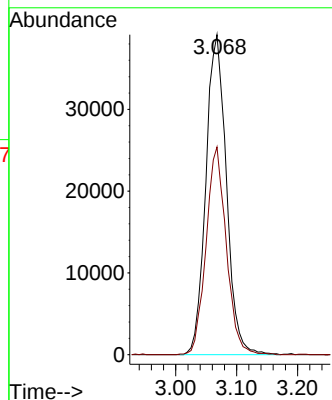
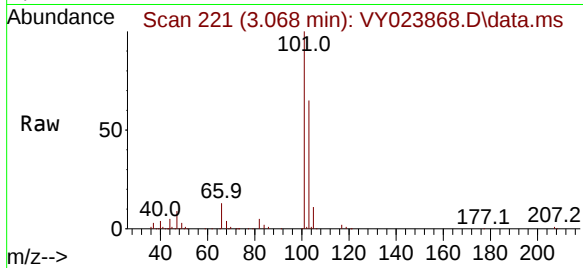




#7
 Trichlorofluoromethane
 Concen: 10.627 ug/l
 RT: 3.068 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

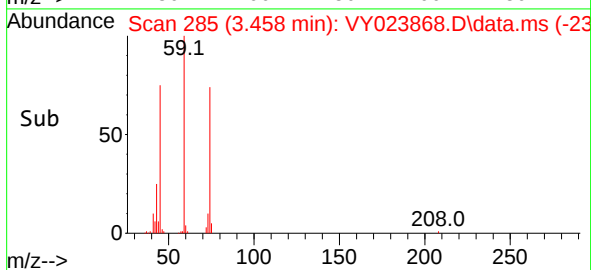
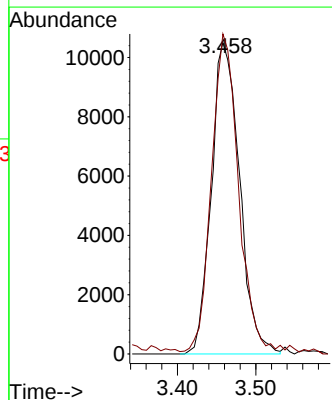
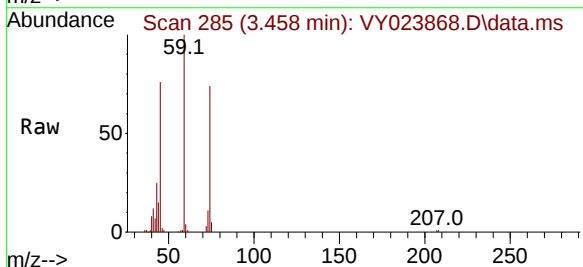
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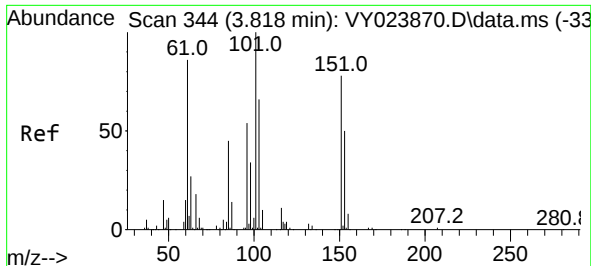
Tgt Ion:101 Resp: 91554
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.2 75.2



#8
 Diethyl Ether
 Concen: 10.180 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

Tgt Ion: 74 Resp: 26273
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.4 145.3

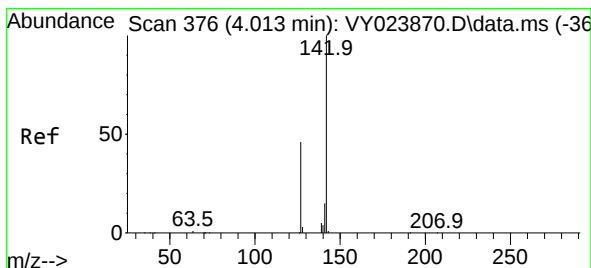
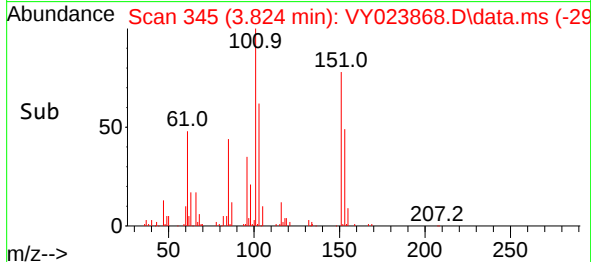
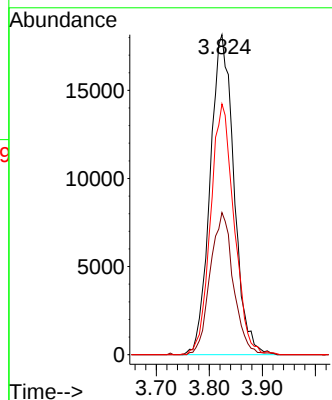
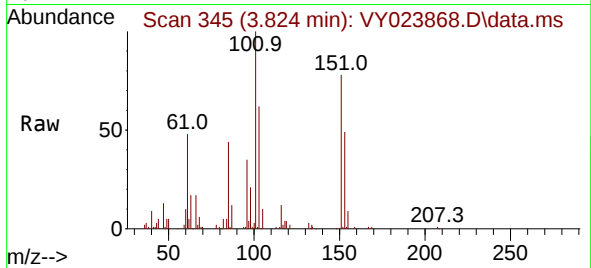




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.976 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023868.D
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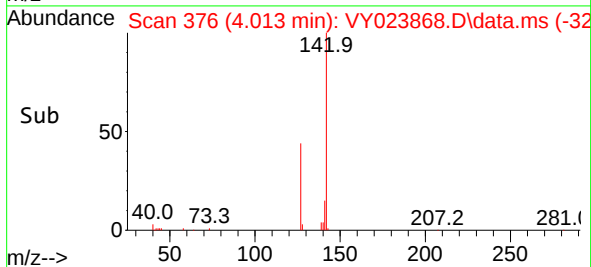
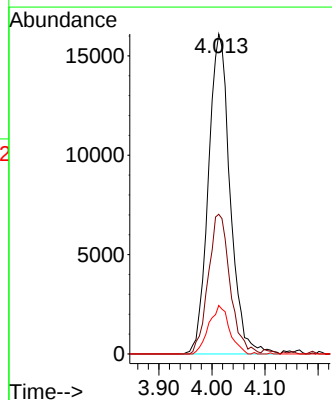
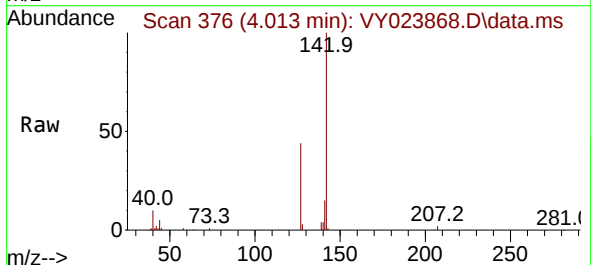
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

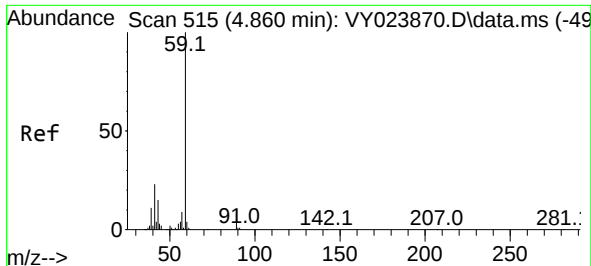
Tgt Ion:101 Resp: 56654
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.8
151 77.5 63.4 95.0



#10
Methyl Iodide
Concen: 10.073 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion:142 Resp: 45929
Ion Ratio Lower Upper
142 100
127 43.7 36.1 54.1
141 14.3 11.8 17.8

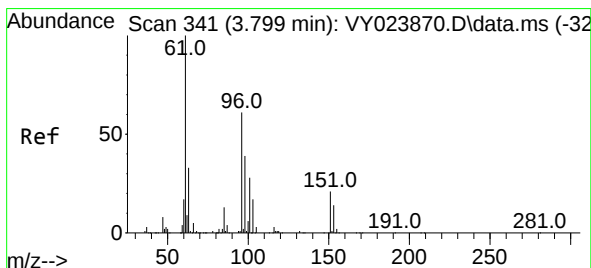
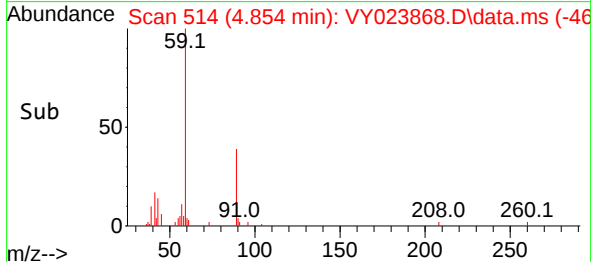
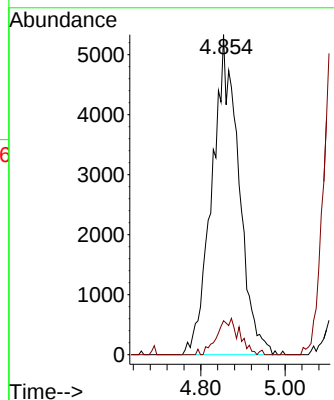
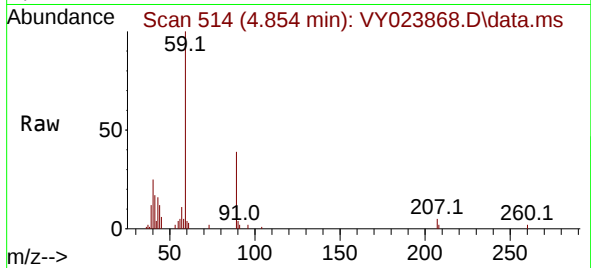




#11
Tert butyl alcohol
Concen: 55.630 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

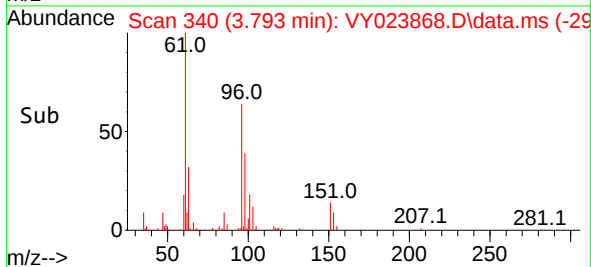
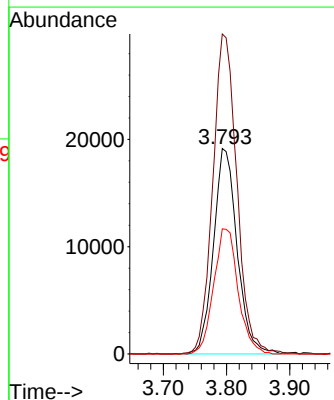
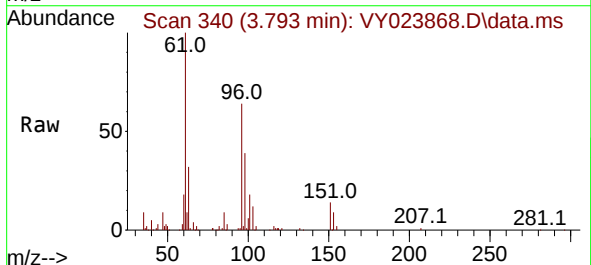
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

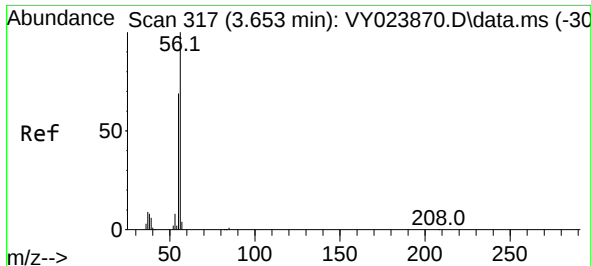
Tgt Ion: 59 Resp: 23526
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 10.296 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 96 Resp: 49656
Ion Ratio Lower Upper
96 100
61 155.7 131.2 196.8
98 60.9 51.3 76.9

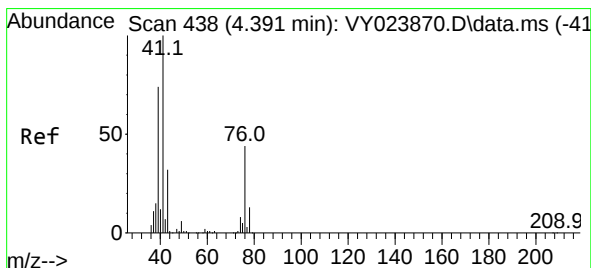
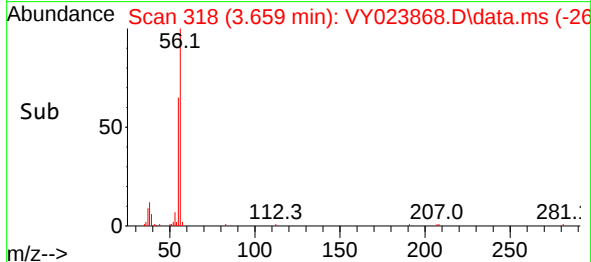
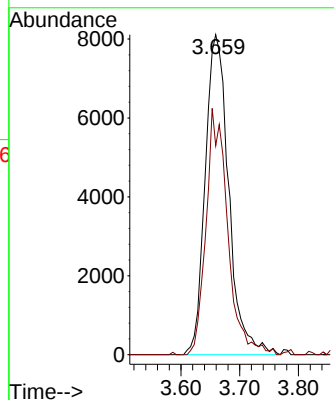
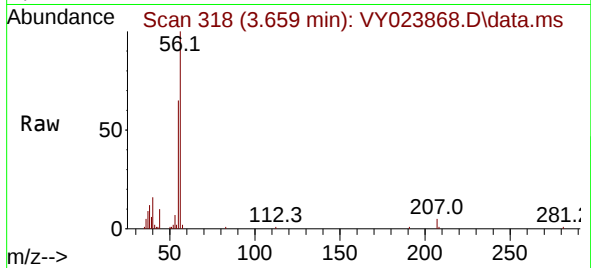




#13
Acrolein
Concen: 72.126 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

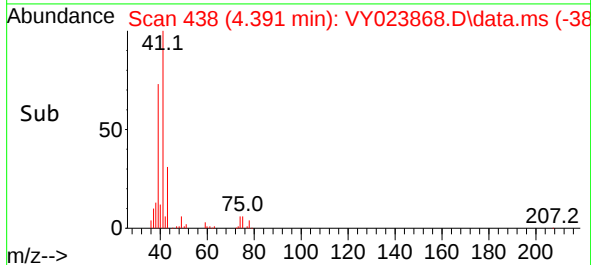
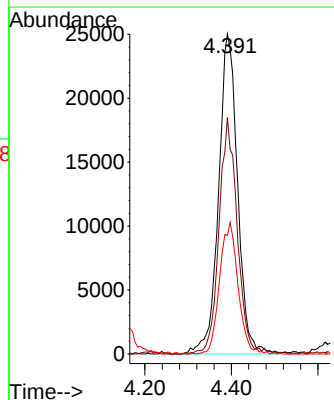
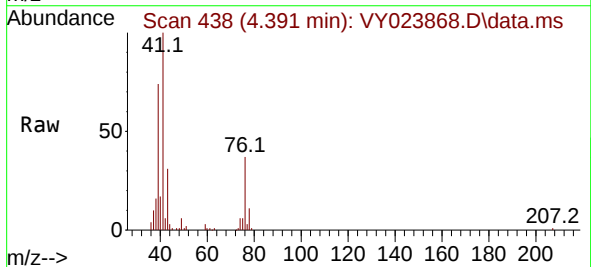
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

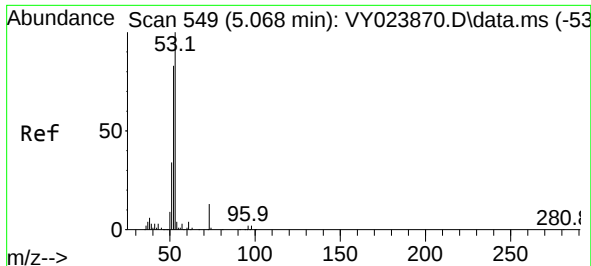
Tgt Ion: 56 Resp: 22550
Ion Ratio Lower Upper
56 100
55 70.9 59.0 88.6



#14
Allyl chloride
Concen: 9.929 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 41 Resp: 76559
Ion Ratio Lower Upper
41 100
39 70.4 57.4 86.0
76 39.7 30.8 46.2

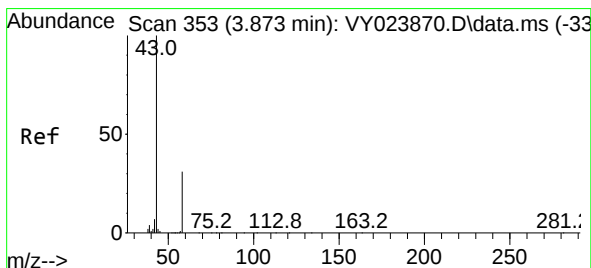
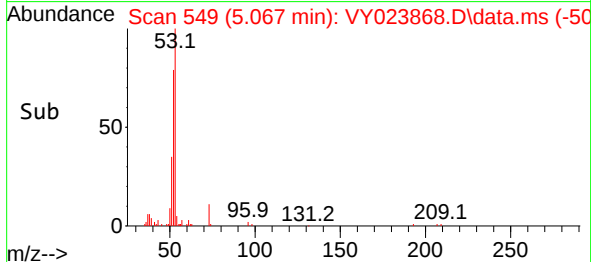
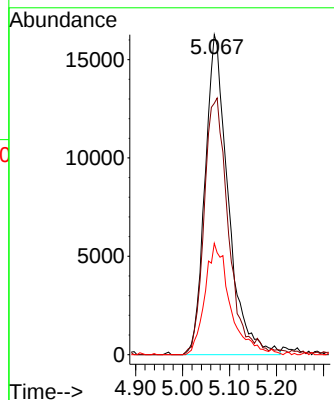
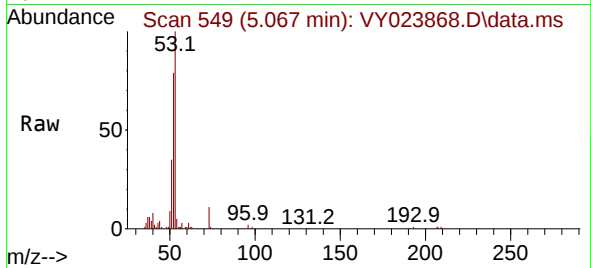




#15
Acrylonitrile
Concen: 49.554 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

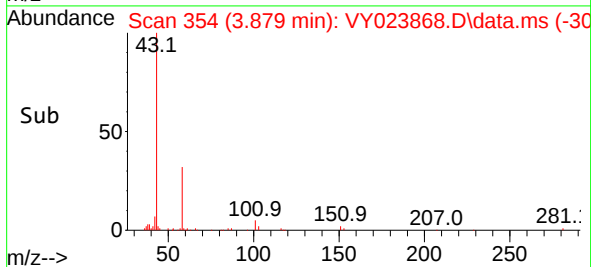
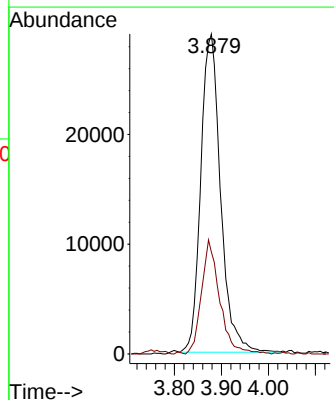
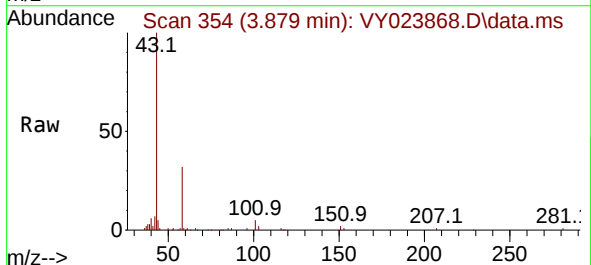
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

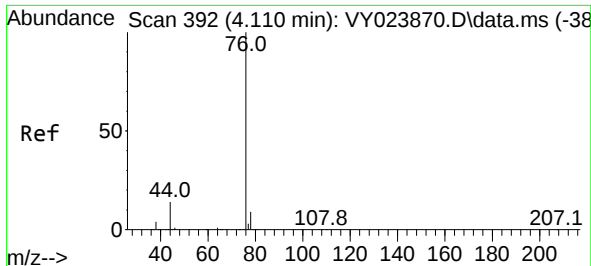
Tgt Ion: 53 Resp: 55664
Ion Ratio Lower Upper
53 100
52 83.9 65.1 97.7
51 37.6 29.5 44.3



#16
Acetone
Concen: 56.433 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 43 Resp: 84687
Ion Ratio Lower Upper
43 100
58 31.7 25.1 37.7

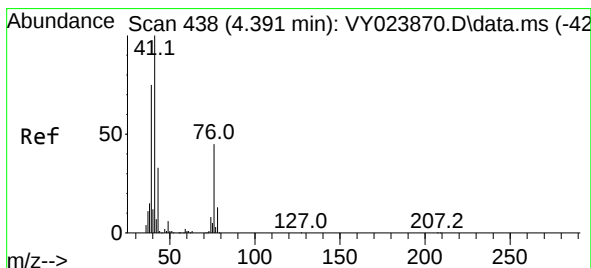
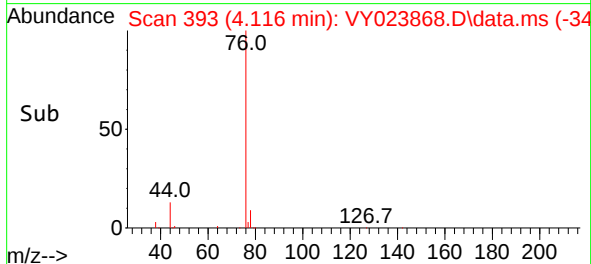
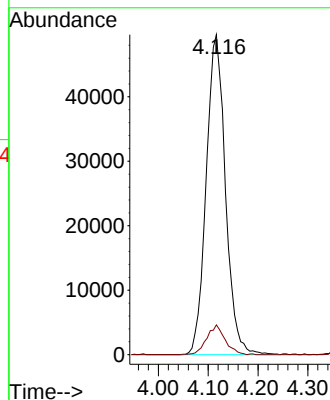
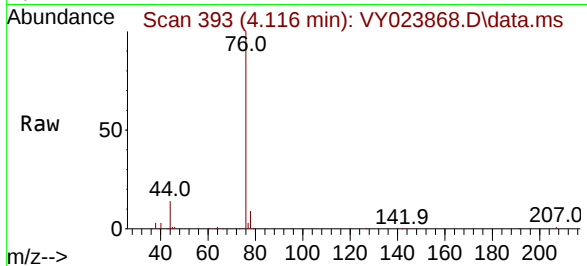




#17
Carbon Disulfide
Concen: 9.340 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

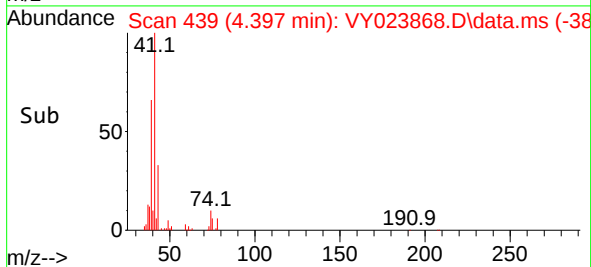
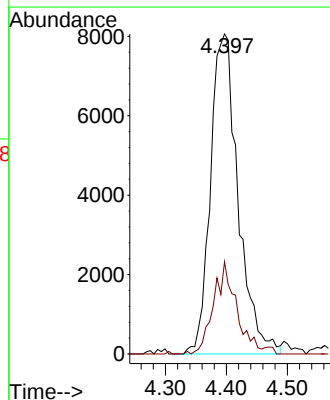
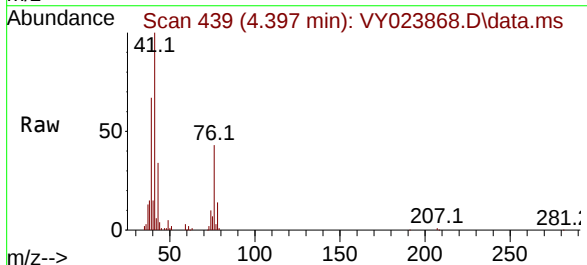
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

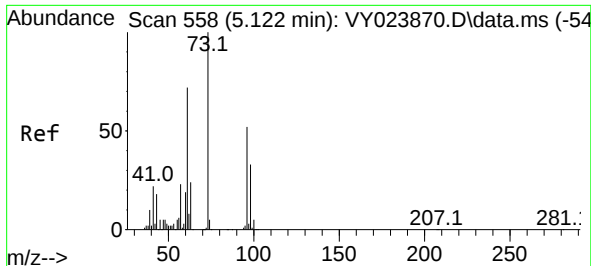
Tgt Ion: 76 Resp: 133084
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 10.002 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 43 Resp: 25458
Ion Ratio Lower Upper
43 100
74 23.8 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 9.810 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

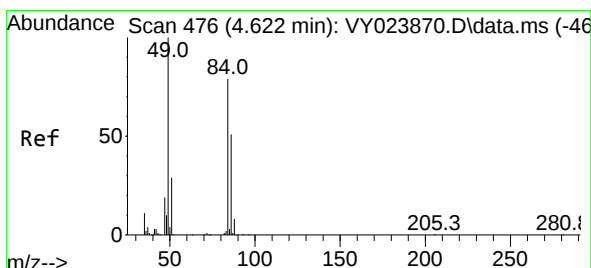
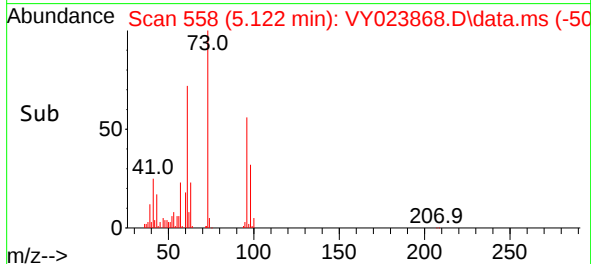
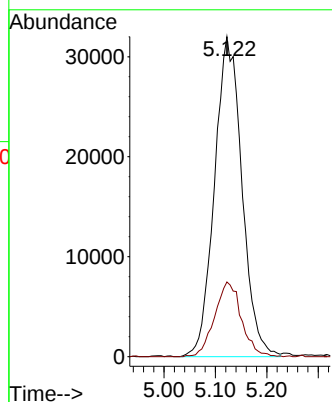
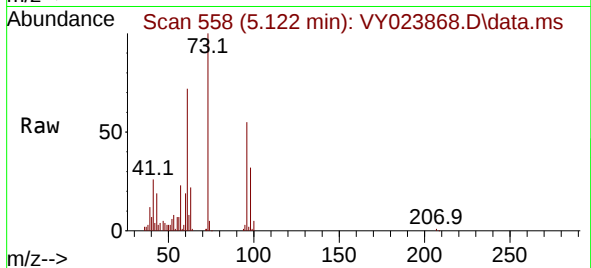
VSTDICC010

Tgt Ion: 73 Resp: 118838

Ion Ratio Lower Upper

73 100

57 23.4 18.2 27.2



#20

Methylene Chloride

Concen: 10.505 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Tgt Ion: 84 Resp: 64757

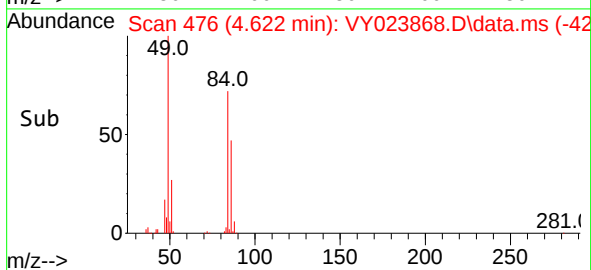
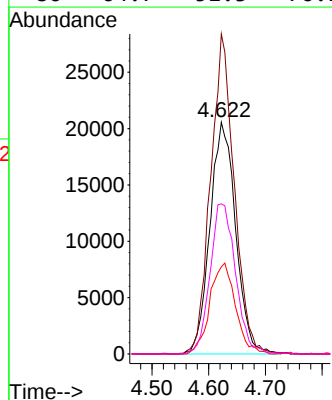
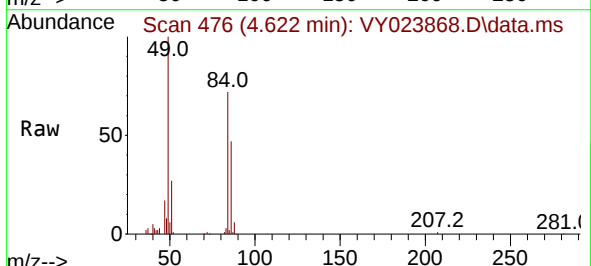
Ion Ratio Lower Upper

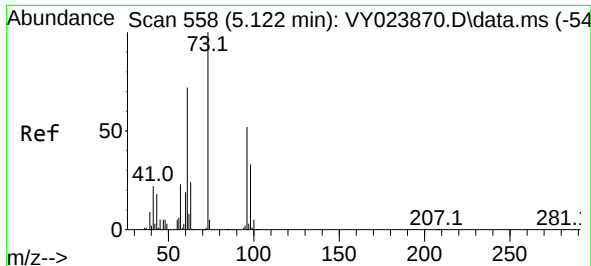
84 100

49 137.8 100.6 151.0

51 37.6 29.0 43.6

86 64.7 51.3 76.9

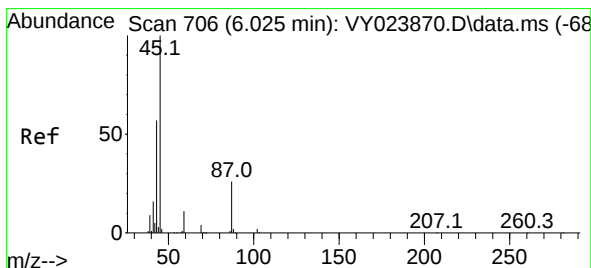
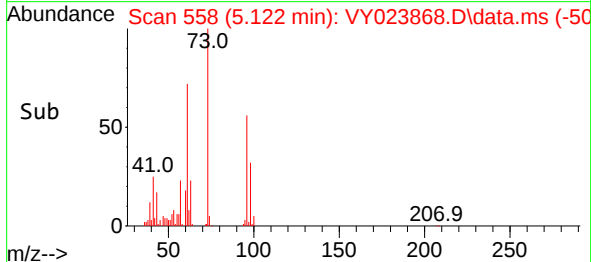
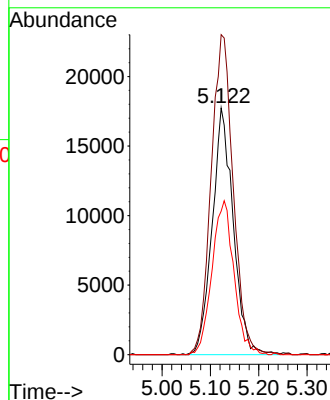
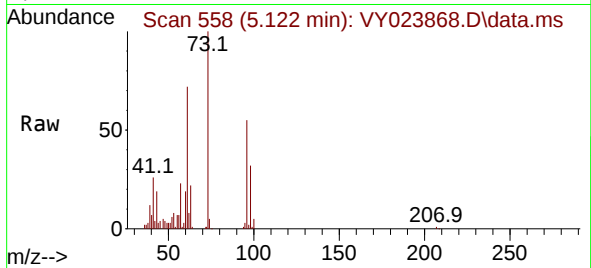




#21
trans-1,2-Dichloroethene
Concen: 10.086 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

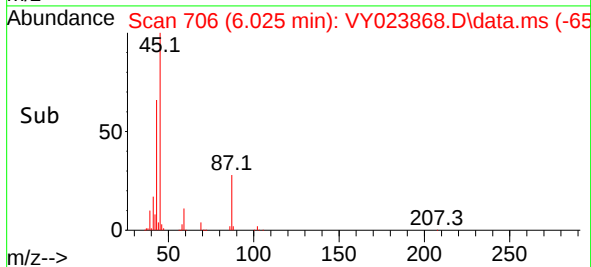
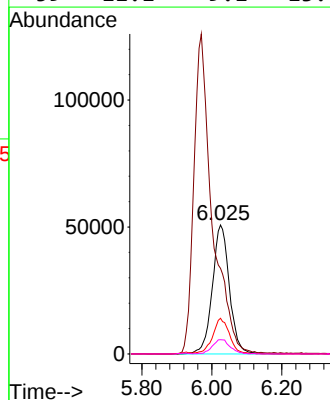
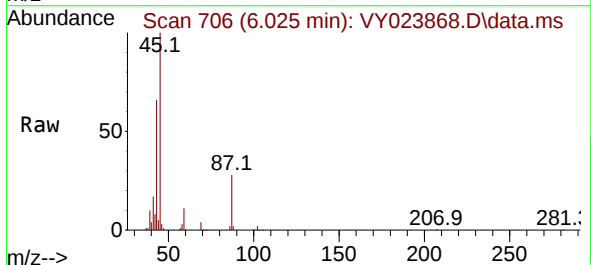
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

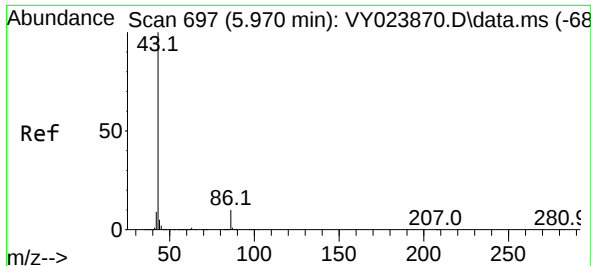
Tgt Ion: 96 Resp: 53666
Ion Ratio Lower Upper
96 100
61 129.7 111.7 167.5
98 58.2 51.5 77.3



#22
Diisopropyl ether
Concen: 10.130 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 45 Resp: 171977
Ion Ratio Lower Upper
45 100
43 65.7 45.5 68.3
87 27.7 20.7 31.1
59 11.1 9.1 13.7

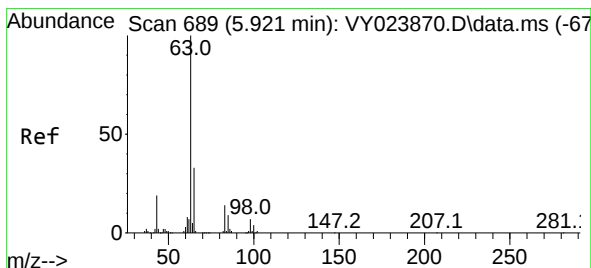
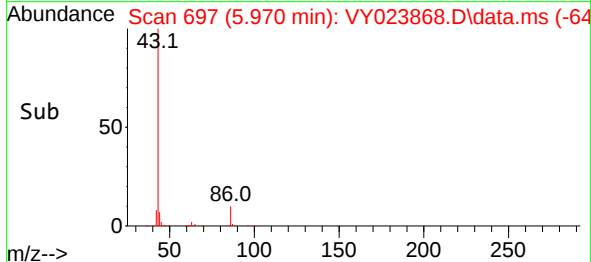
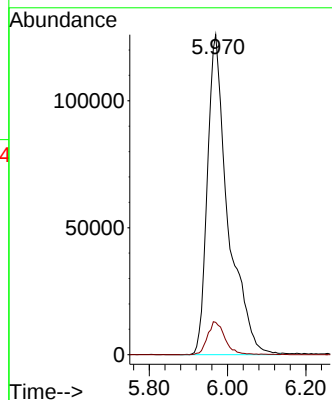
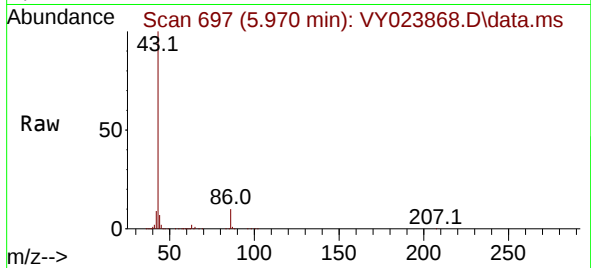




#23
 Vinyl Acetate
 Concen: 48.798 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

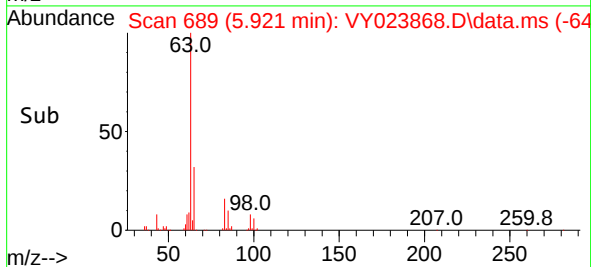
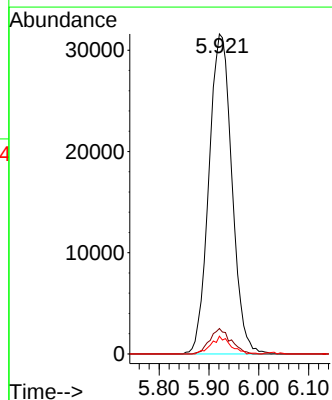
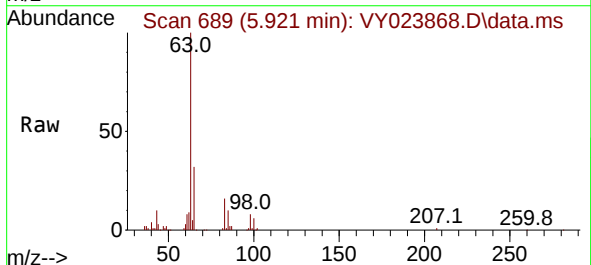
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

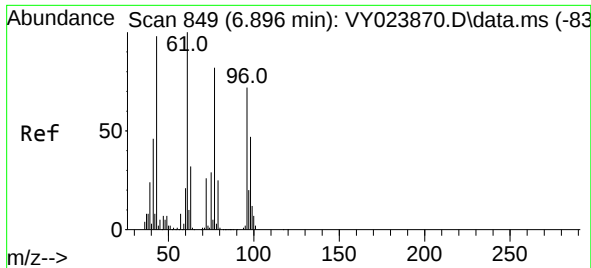
Tgt Ion: 43 Resp: 459234
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 10.322 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

Tgt Ion: 63 Resp: 101250
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.1
 100 5.5 2.2 6.6

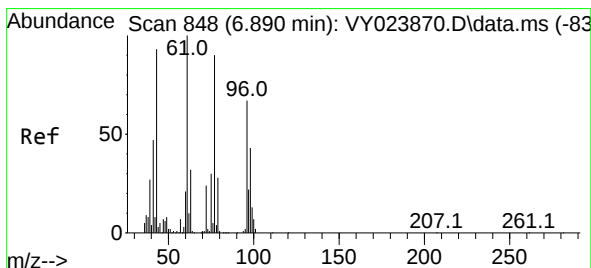
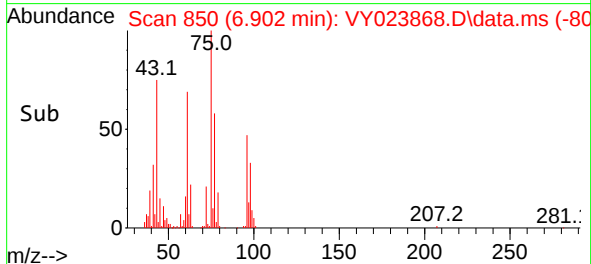
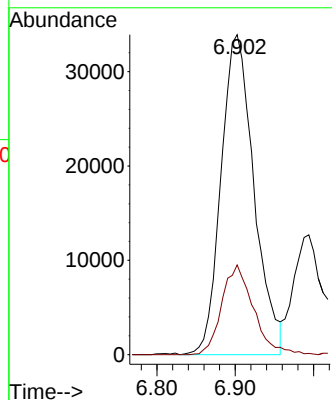
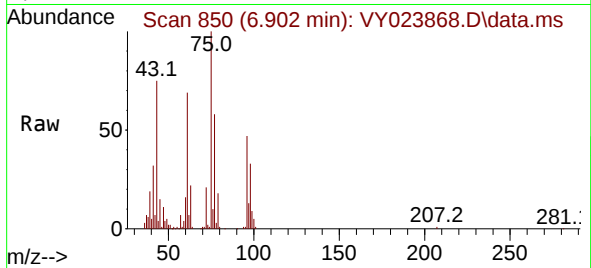




#25
2-Butanone
Concen: 54.893 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

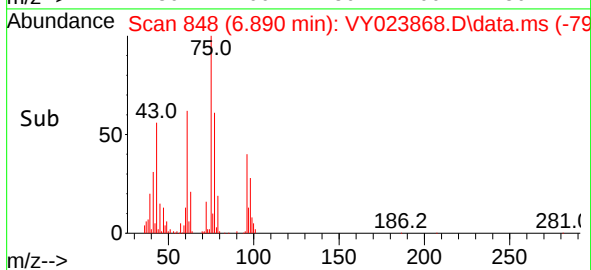
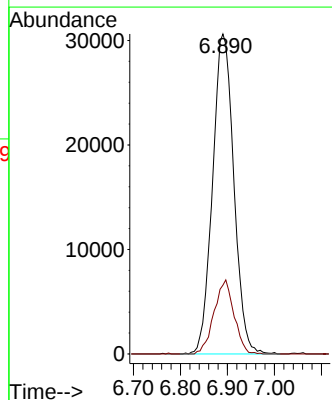
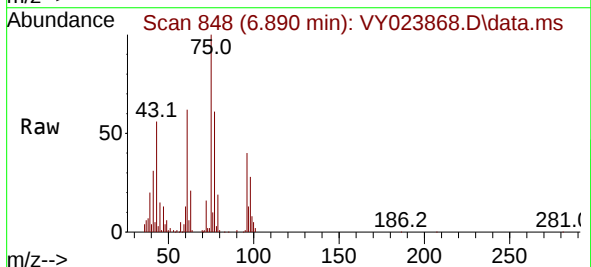
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

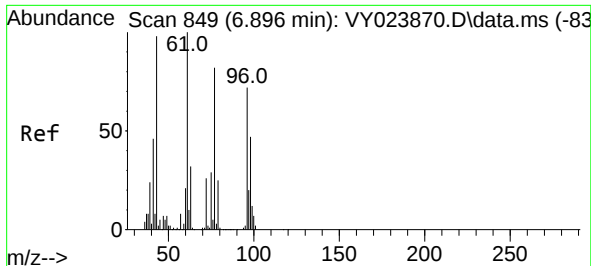
Tgt Ion: 43 Resp: 99304
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 10.700 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 77 Resp: 96198
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 10.007 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

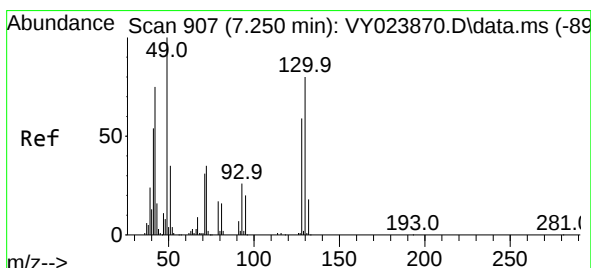
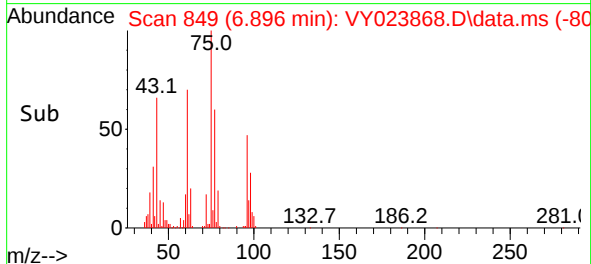
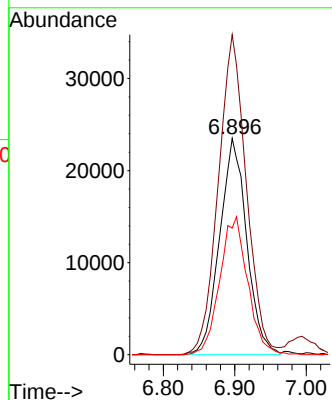
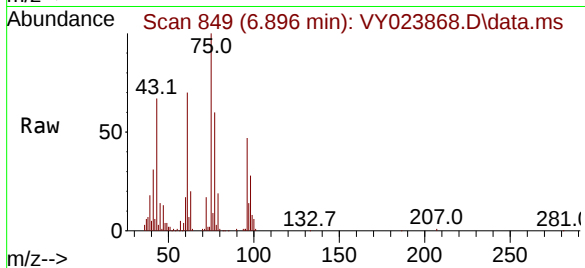
Tgt Ion: 96 Resp: 61832

Ion Ratio Lower Upper

96 100

61 153.1 0.0 292.8

98 65.7 0.0 128.4



#28

Bromochloromethane

Concen: 9.699 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

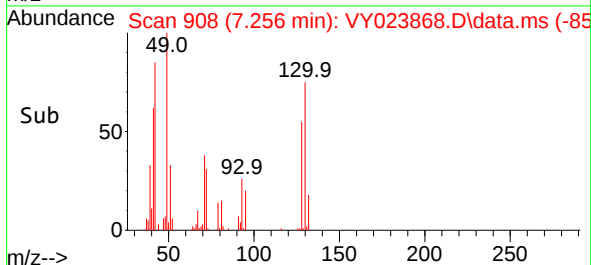
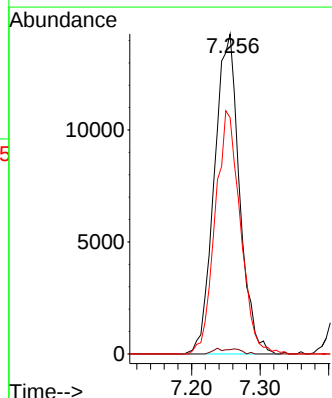
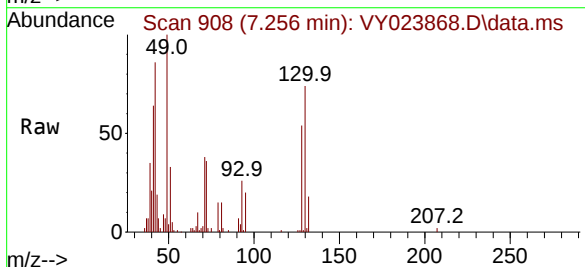
Tgt Ion: 49 Resp: 36352

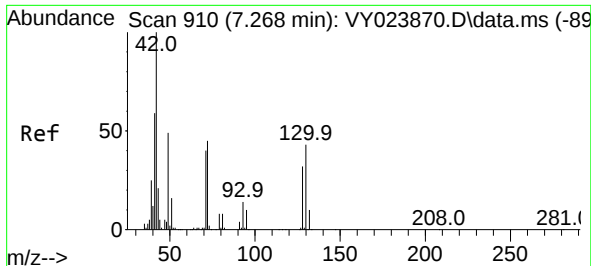
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.2

130 76.2 61.0 91.6





#29

Tetrahydrofuran

Concen: 49.681 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

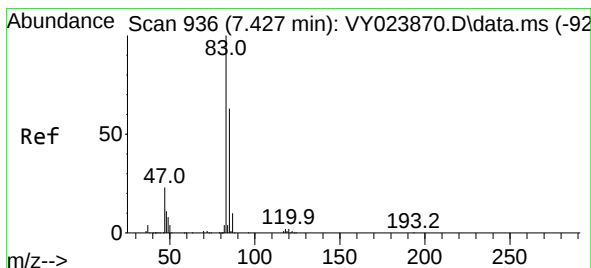
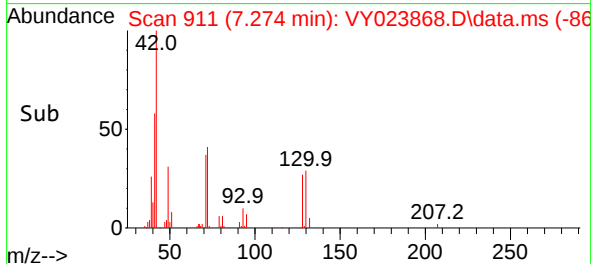
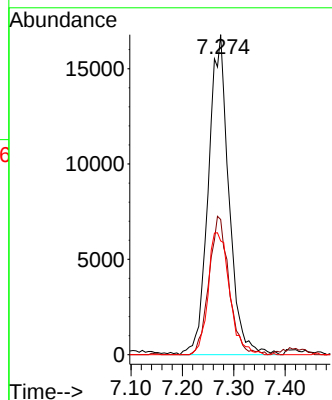
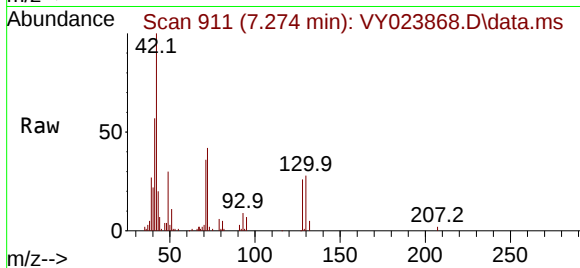
Tgt Ion: 42 Resp: 46481

Ion Ratio Lower Upper

42 100

72 42.3 35.6 53.4

71 39.9 32.5 48.7



#30

Chloroform

Concen: 10.492 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023868.D

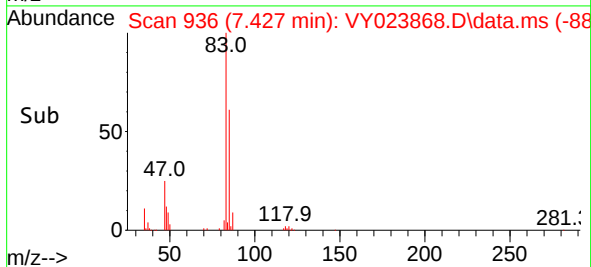
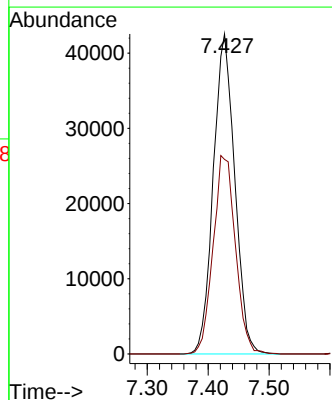
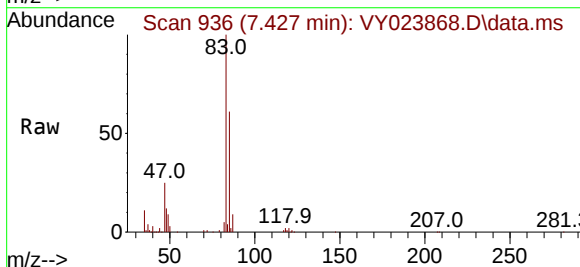
Acq: 03 Dec 2025 14:05

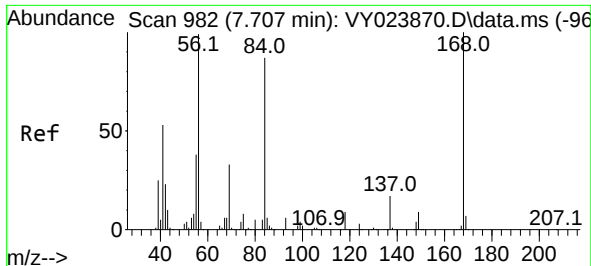
Tgt Ion: 83 Resp: 103996

Ion Ratio Lower Upper

83 100

85 60.8 50.6 76.0

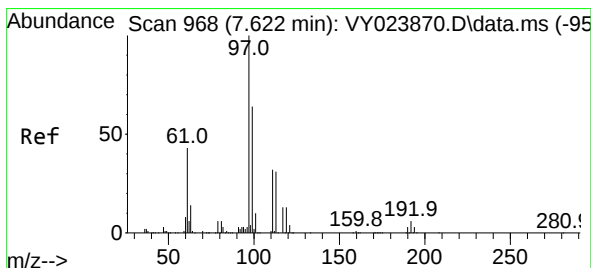
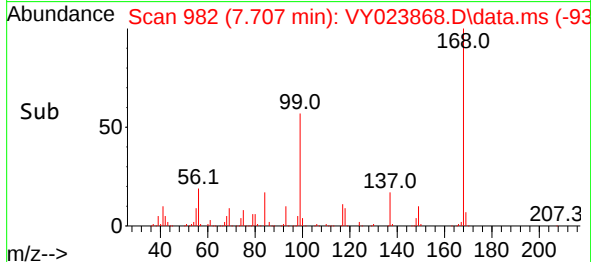
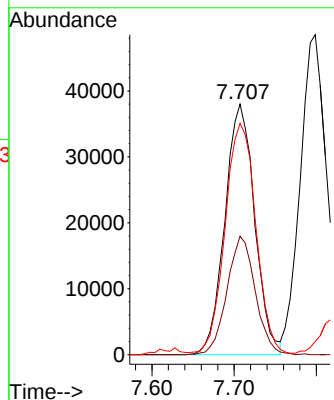
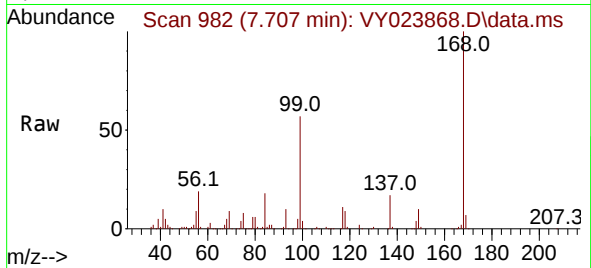




#31
Cyclohexane
Concen: 10.211 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

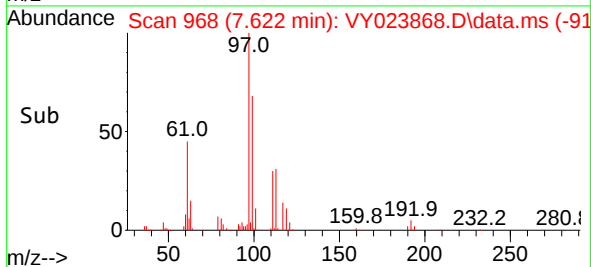
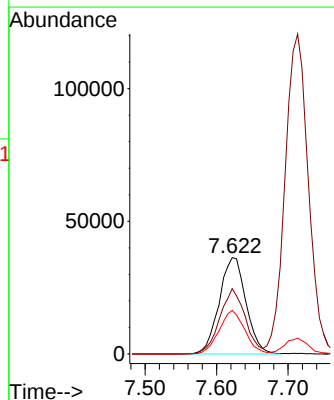
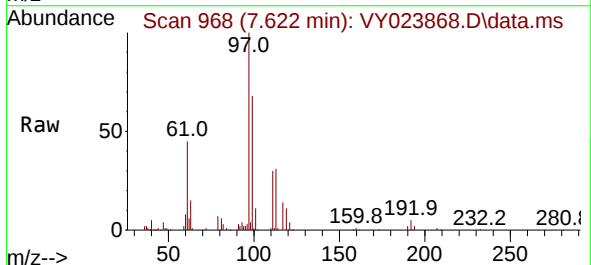
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

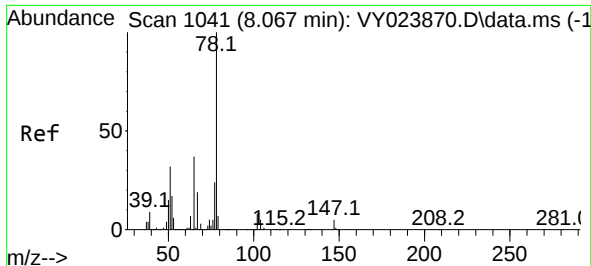
Tgt Ion: 56 Resp: 95770
Ion Ratio Lower Upper
56 100
69 47.3 26.8 40.2#
84 91.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 10.531 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 97 Resp: 94229
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 43.3 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 9.817 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

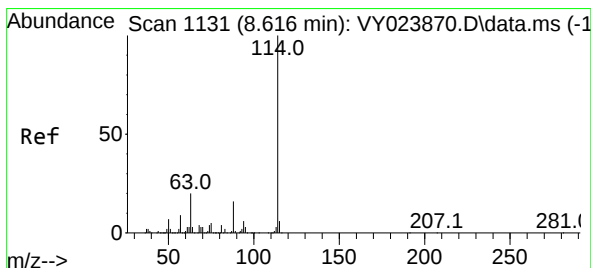
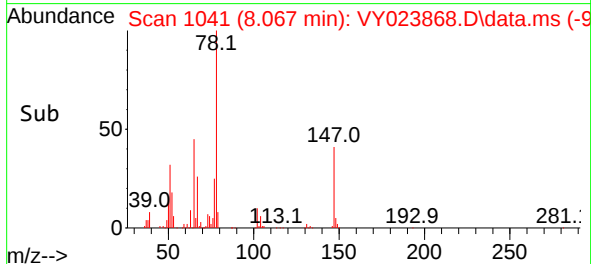
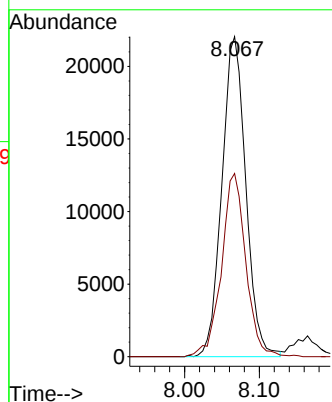
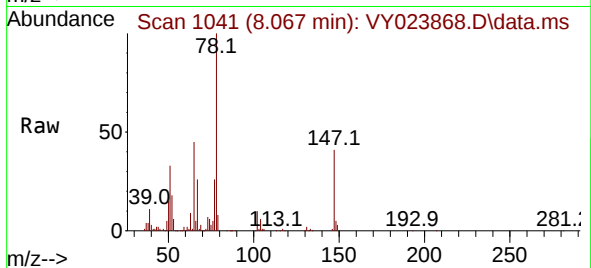
VSTDIC010

Tgt Ion: 65 Resp: 49163

Ion Ratio Lower Upper

65 100

67 58.1 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: VY023868.D

Acq: 03 Dec 2025 14:05

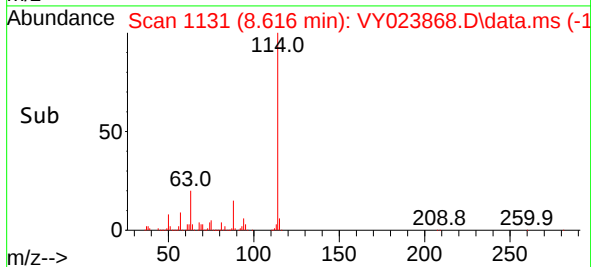
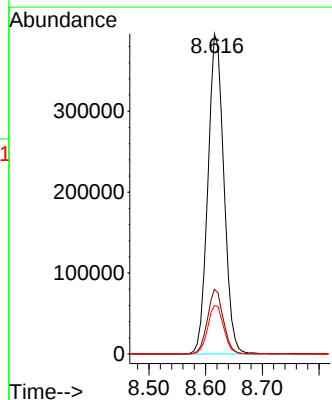
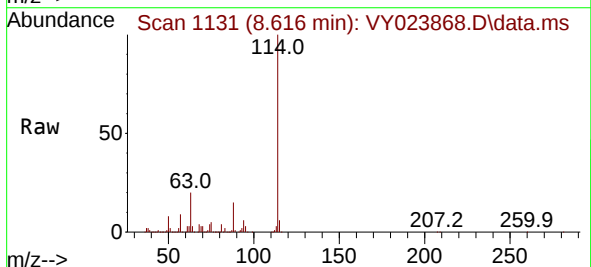
Tgt Ion: 114 Resp: 773215

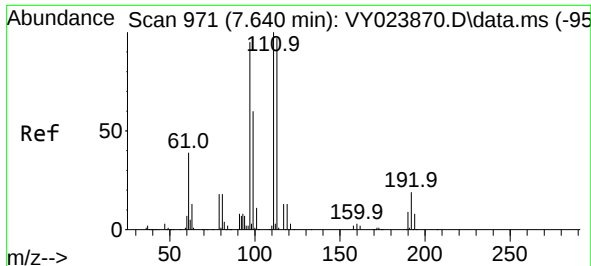
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.1 0.0 31.4

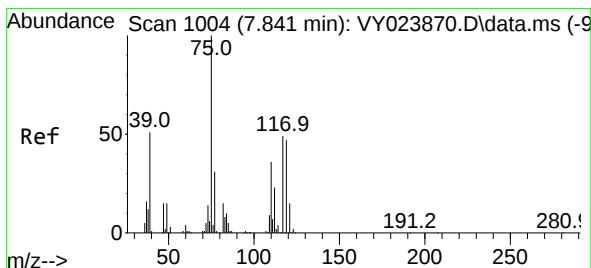
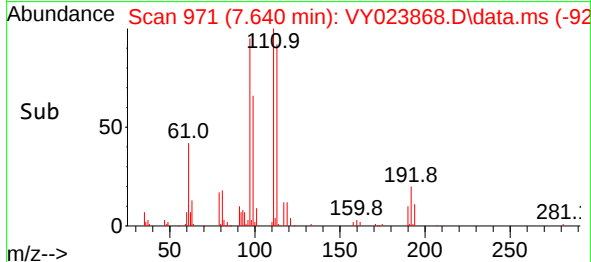
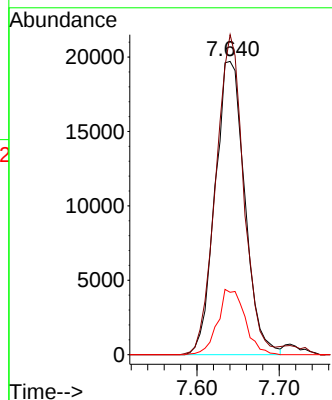
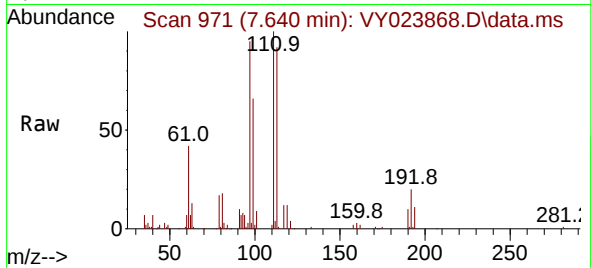




#35
Dibromofluoromethane
Concen: 9.958 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

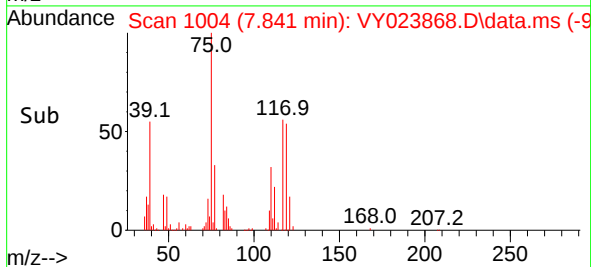
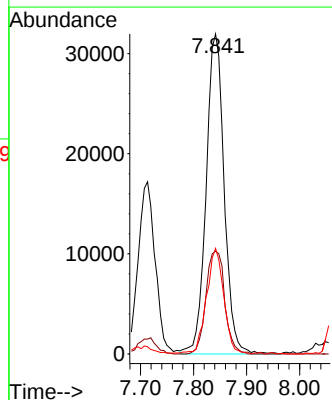
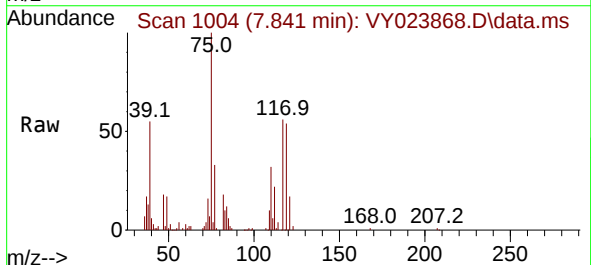
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

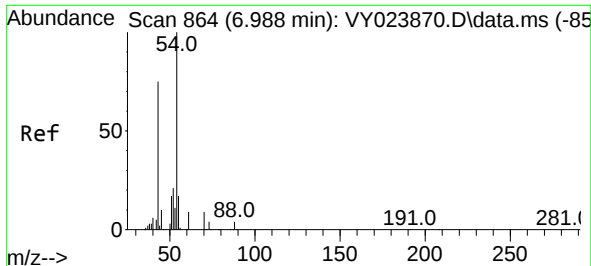
Tgt Ion:113 Resp: 49386
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.5 15.8 23.8



#36
1,1-Dichloropropene
Concen: 10.341 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 75 Resp: 75619
Ion Ratio Lower Upper
75 100
110 33.5 17.6 52.9
77 31.7 24.6 37.0

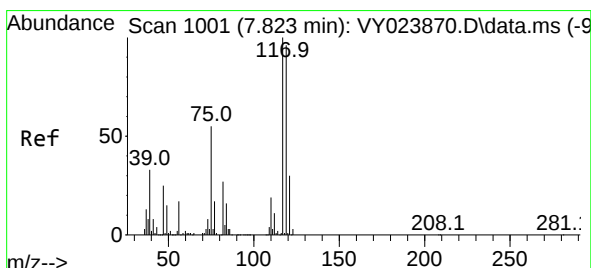
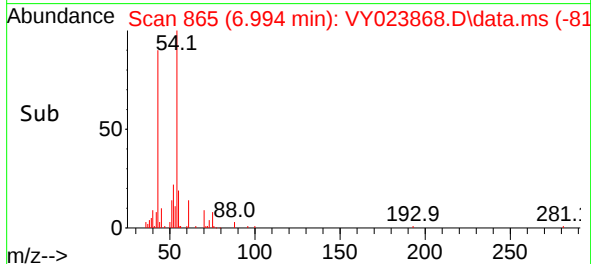
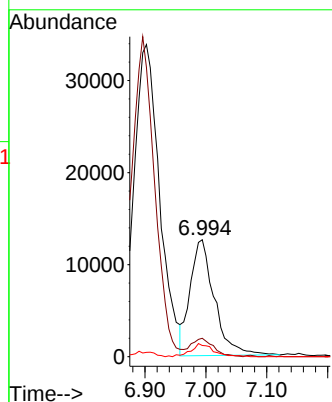
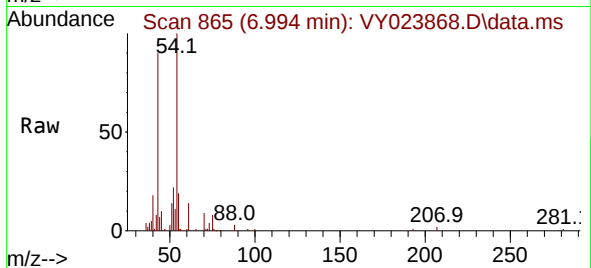




#37
Ethyl Acetate
Concen: 10.322 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

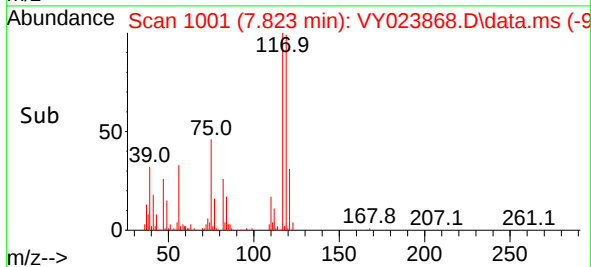
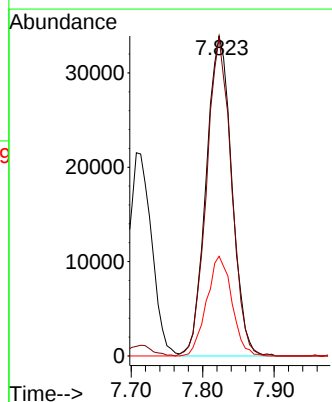
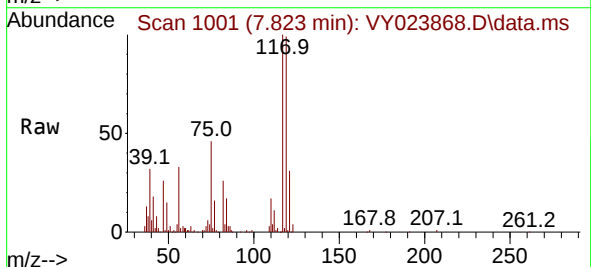
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

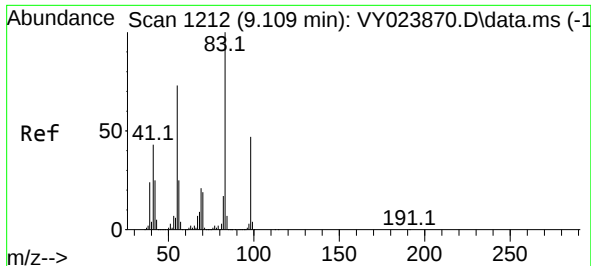
Tgt Ion: 43 Resp: 34856
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 10.472 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 117 Resp: 84516
Ion Ratio Lower Upper
117 100
119 99.4 77.0 115.6
121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 9.720 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

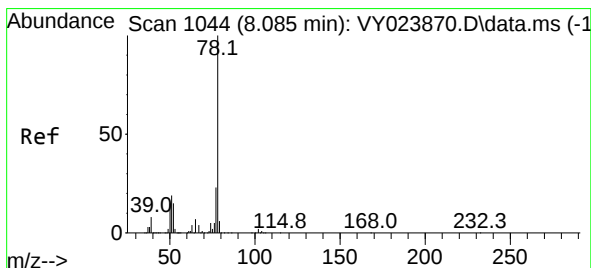
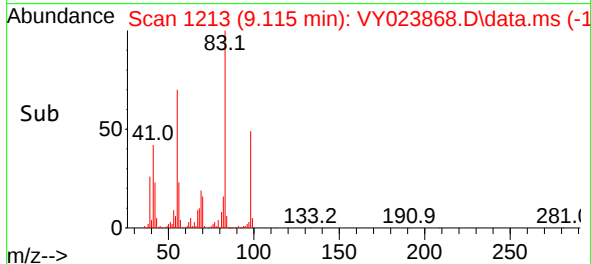
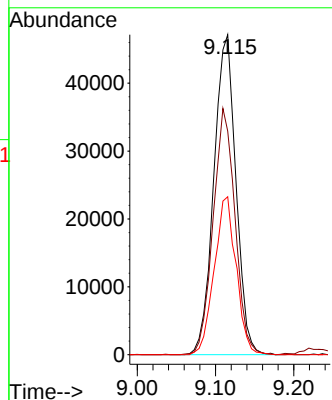
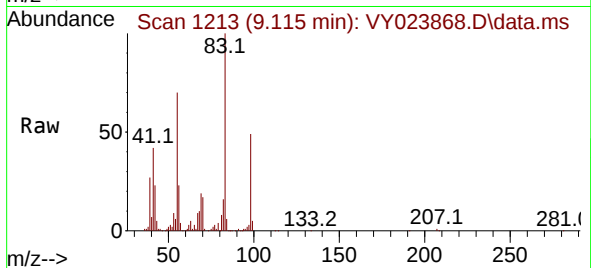
Tgt Ion: 83 Resp: 92521

Ion Ratio Lower Upper

83 100

55 69.8 58.8 88.2

98 49.3 37.8 56.6



#40

Benzene

Concen: 10.209 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023868.D

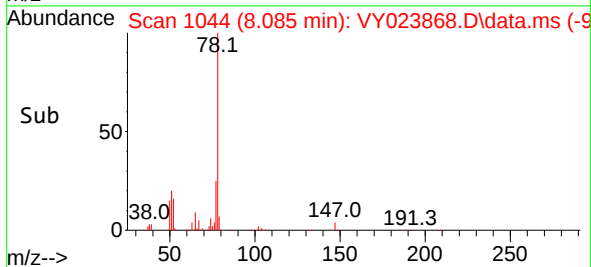
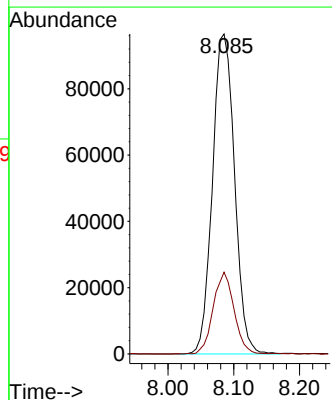
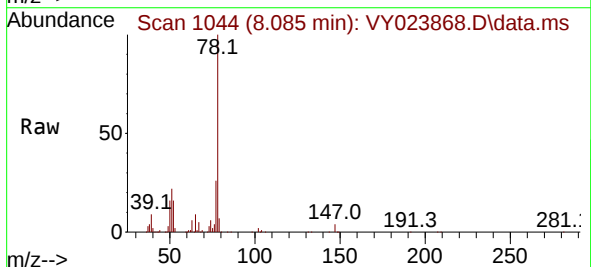
Acq: 03 Dec 2025 14:05

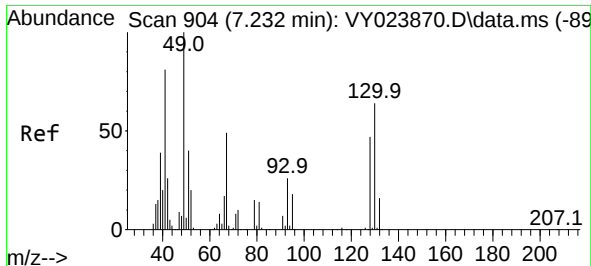
Tgt Ion: 78 Resp: 225638

Ion Ratio Lower Upper

78 100

77 25.5 18.6 28.0

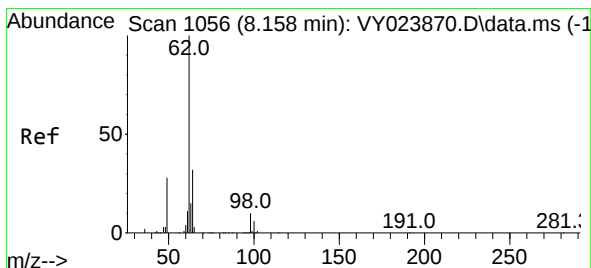
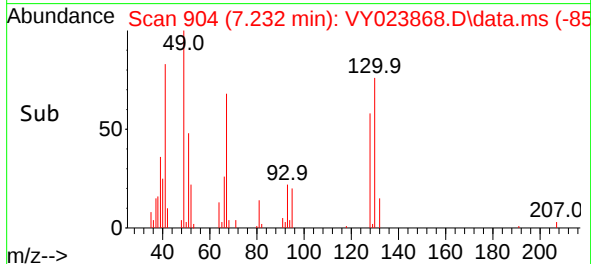
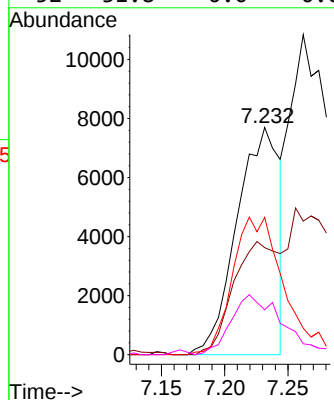
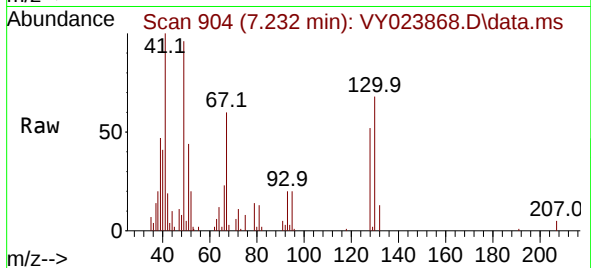




#41
Methacrylonitrile
Concen: 10.362 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

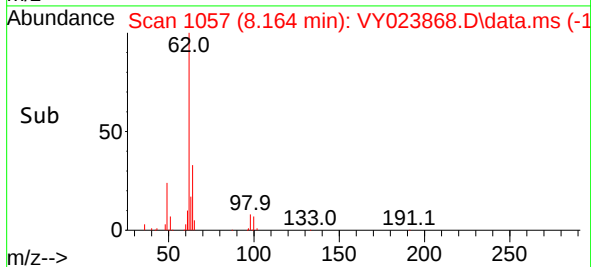
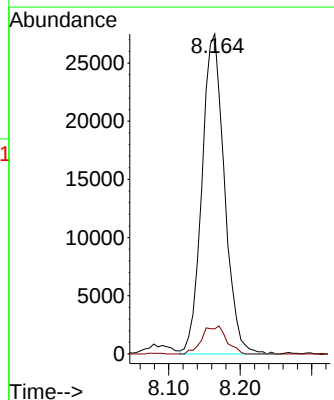
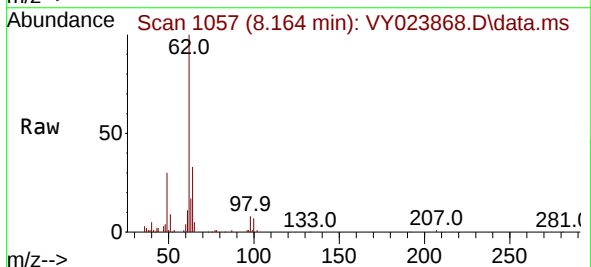
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

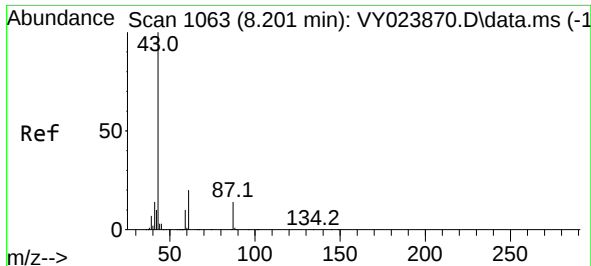
Tgt Ion: 41 Resp: 18040
Ion Ratio Lower Upper
41 100
39 52.9 49.4 74.2
67 72.8 0.0 0.0#
52 31.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 10.409 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 62 Resp: 60037
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2

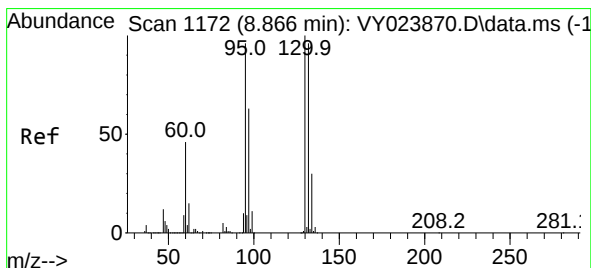
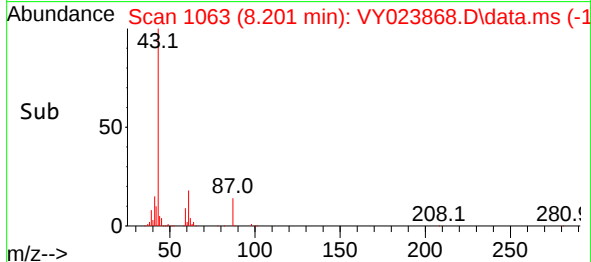
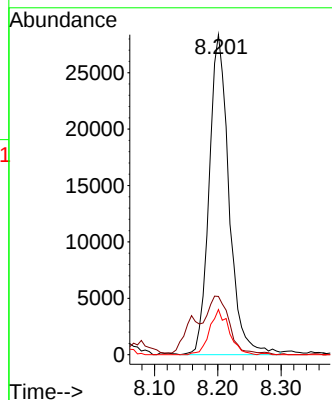
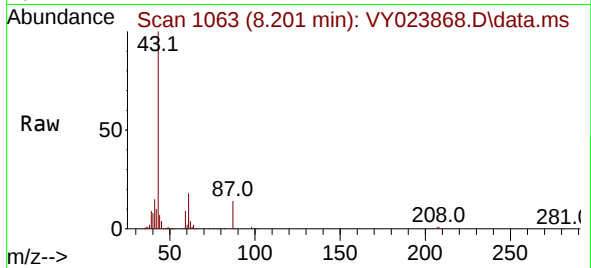




#43
Isopropyl Acetate
Concen: 9.837 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

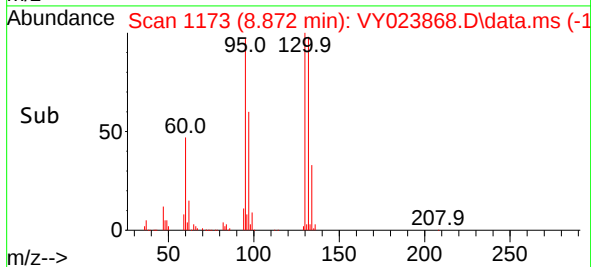
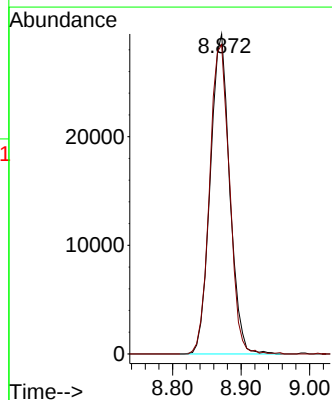
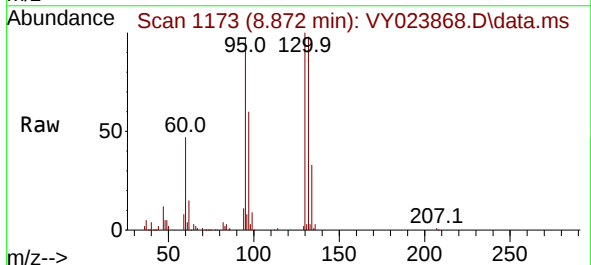
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

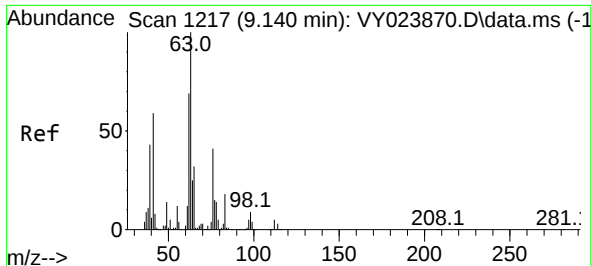
Tgt Ion: 43 Resp: 62147
Ion Ratio Lower Upper
43 100
61 21.6 24.2 36.4#
87 13.8 11.0 16.4



#44
Trichloroethene
Concen: 10.196 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion:130 Resp: 57989
Ion Ratio Lower Upper
130 100
95 96.7 0.0 192.4





#45

1,2-Dichloropropane

Concen: 10.366 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

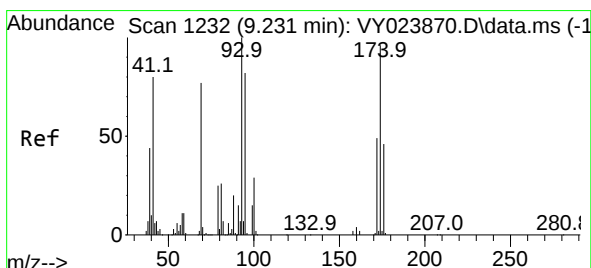
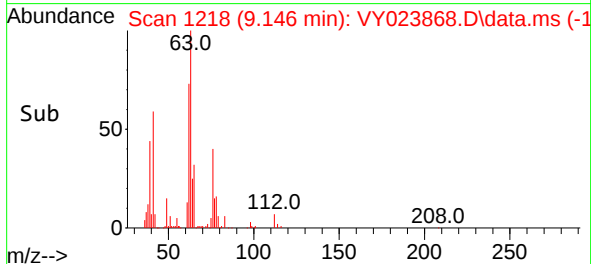
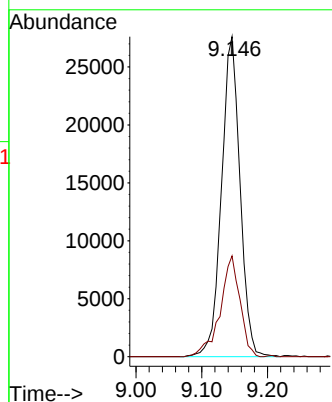
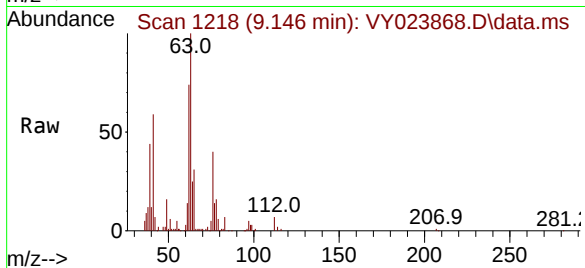
VSTDIC010

Tgt Ion: 63 Resp: 54251

Ion Ratio Lower Upper

63 100

65 31.5 25.6 38.4



#46

Dibromomethane

Concen: 10.255 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

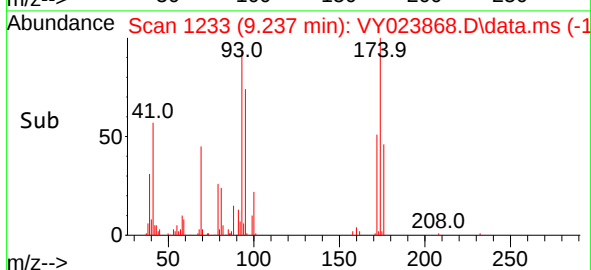
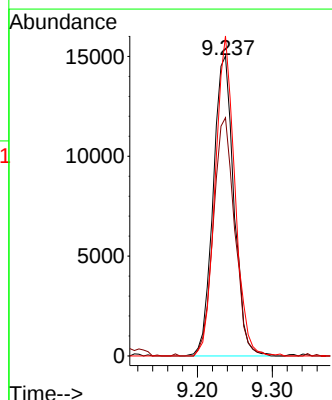
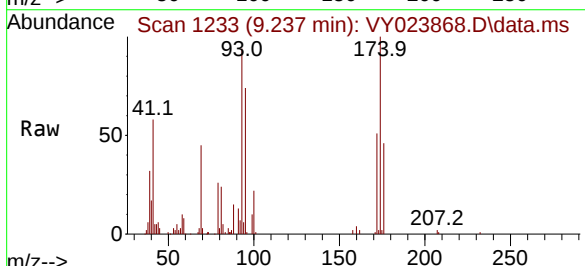
Tgt Ion: 93 Resp: 29055

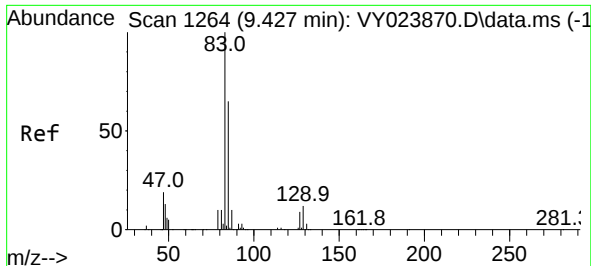
Ion Ratio Lower Upper

93 100

95 81.5 66.4 99.6

174 100.9 81.4 122.0

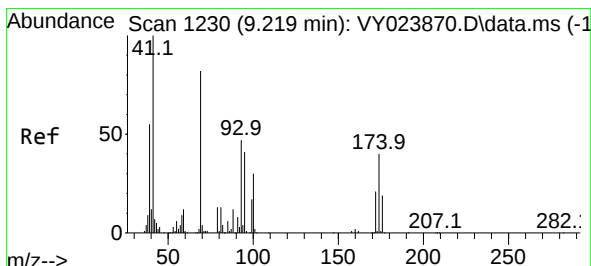
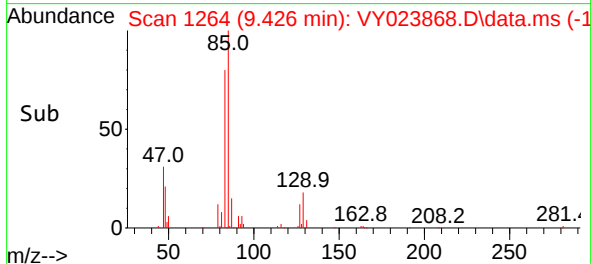
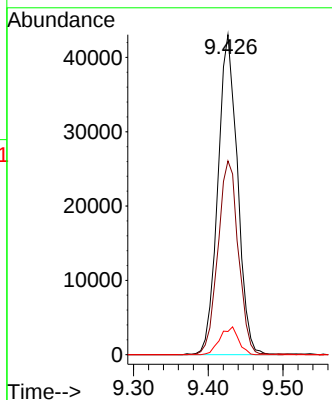
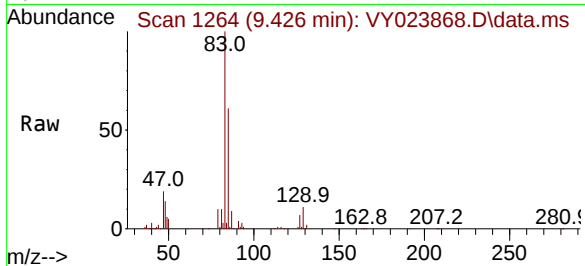




#47
Bromodichloromethane
Concen: 10.528 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

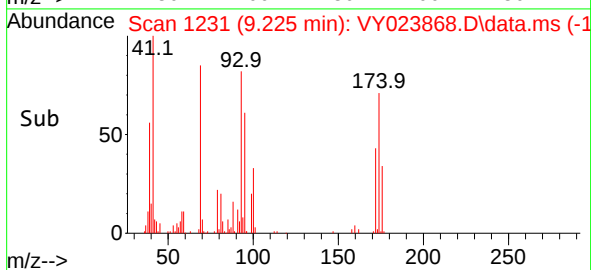
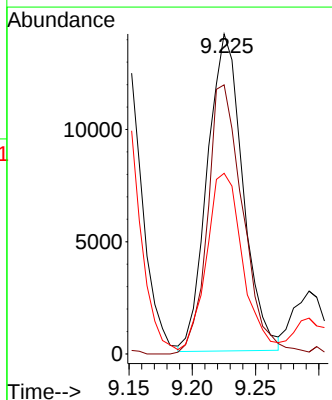
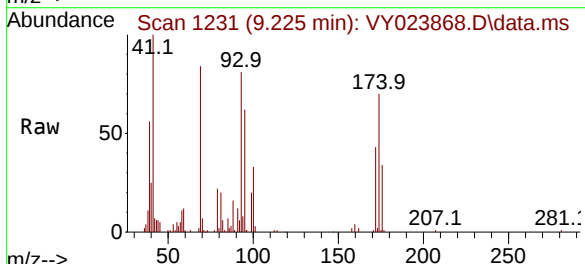
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

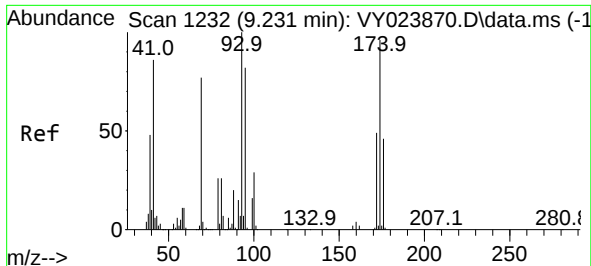
Tgt Ion: 83 Resp: 78697
Ion Ratio Lower Upper
83 100
85 60.5 51.6 77.4
127 7.2 7.2 10.8



#48
Methyl methacrylate
Concen: 9.355 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 41 Resp: 27613
Ion Ratio Lower Upper
41 100
69 84.4 67.7 101.5
39 56.5 43.4 65.0





#49

1,4-Dioxane

Concen: 196.991 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

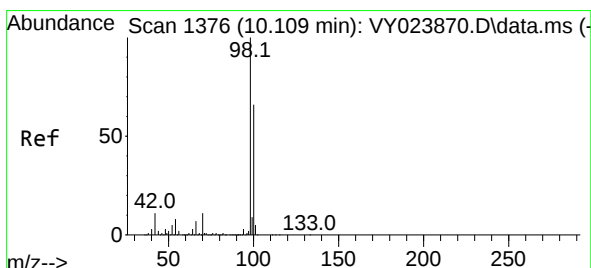
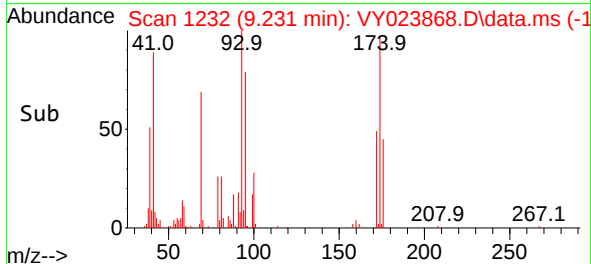
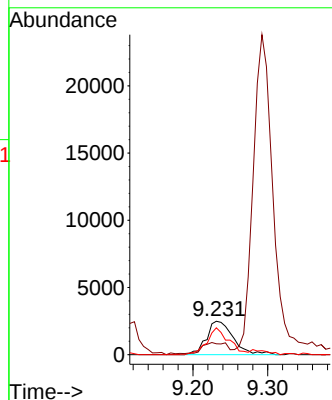
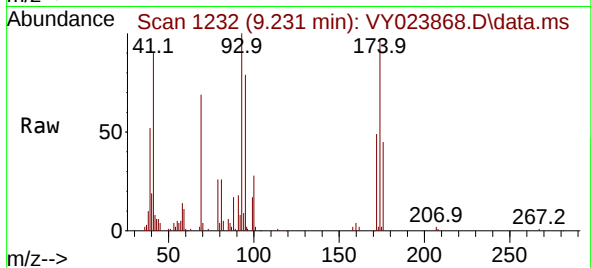
Tgt Ion: 88 Resp: 6206

Ion Ratio Lower Upper

88 100

43 28.3 26.8 40.2

58 65.4 52.4 78.6



#50

Toluene-d8

Concen: 9.701 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023868.D

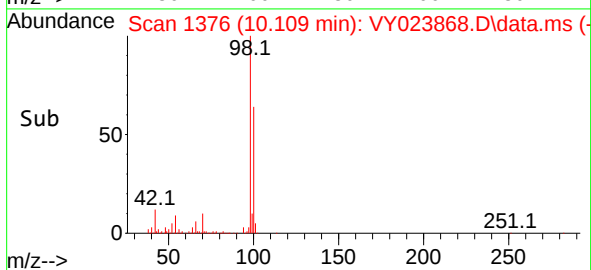
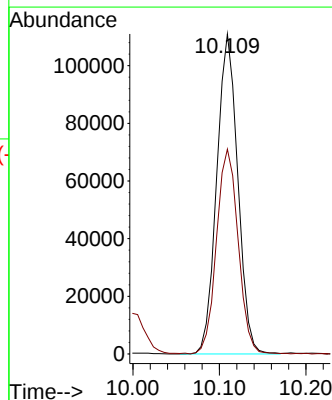
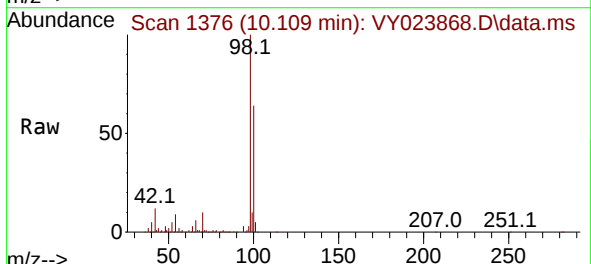
Acq: 03 Dec 2025 14:05

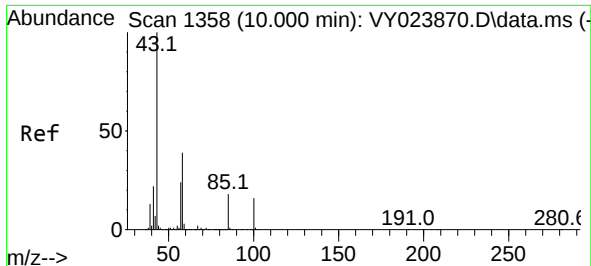
Tgt Ion: 98 Resp: 187219

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

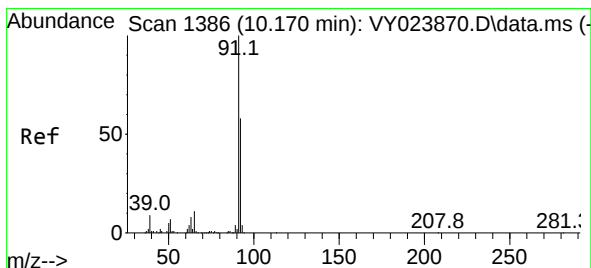
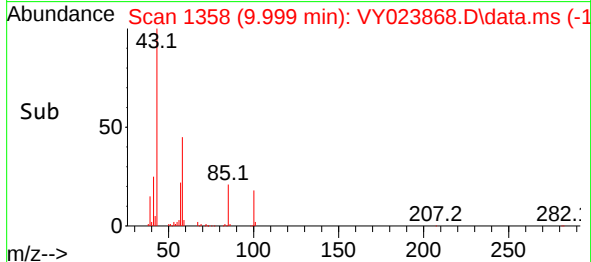
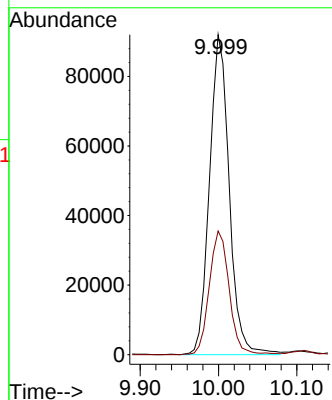
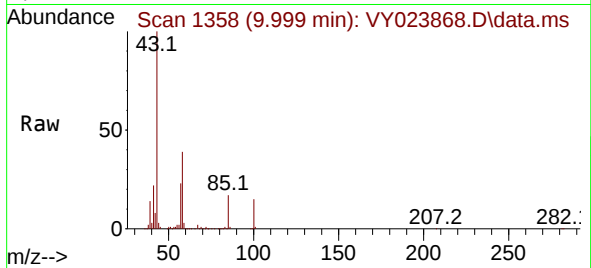




#51
4-Methyl-2-Pentanone
Concen: 48.455 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

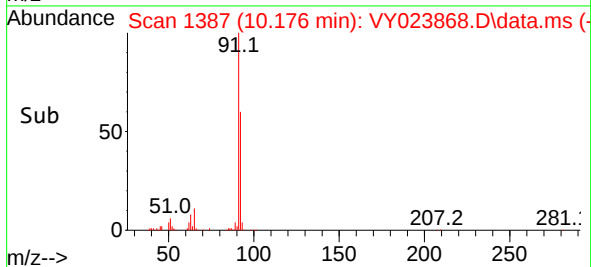
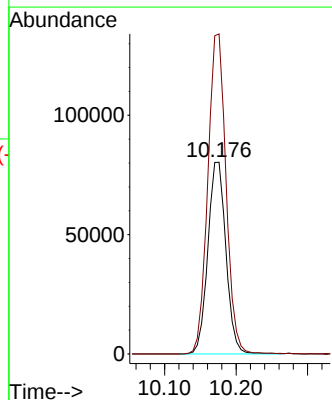
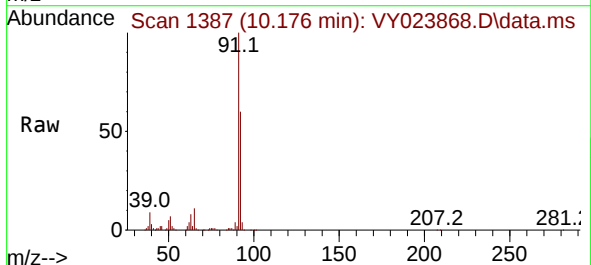
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

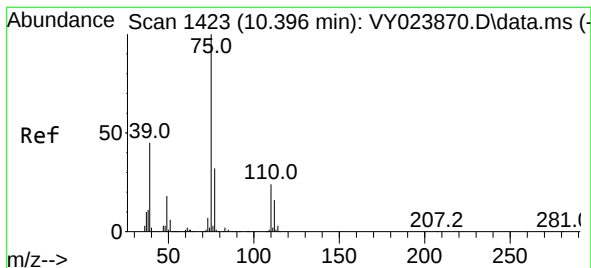
Tgt Ion: 43 Resp: 160975
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.8



#52
Toluene
Concen: 10.204 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 92 Resp: 141234
Ion Ratio Lower Upper
92 100
91 168.4 137.3 205.9

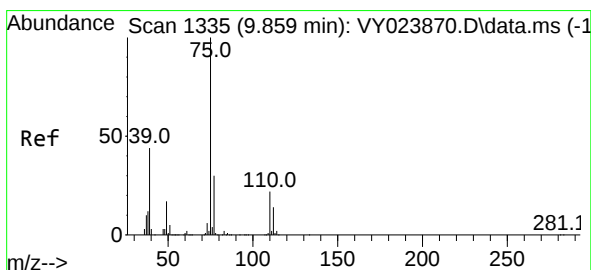
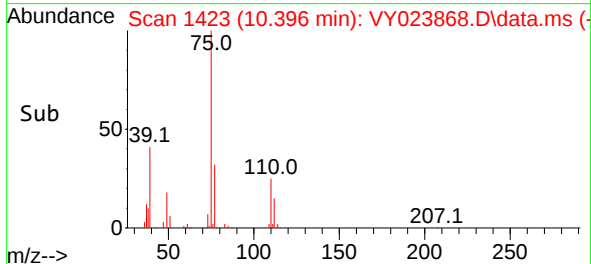
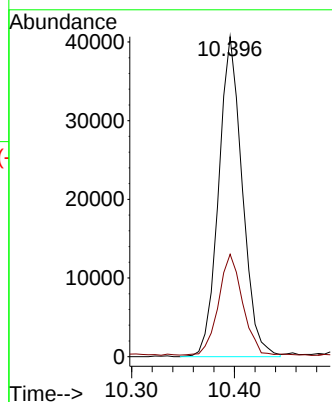
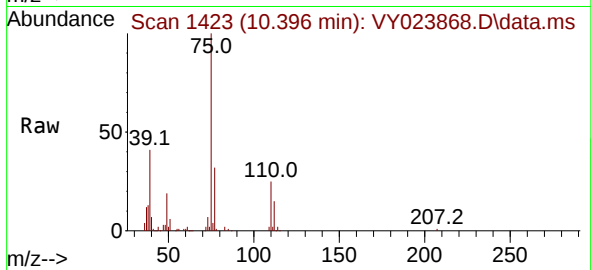




#53
t-1,3-Dichloropropene
Concen: 9.640 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

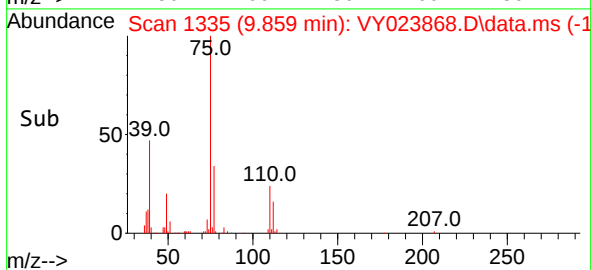
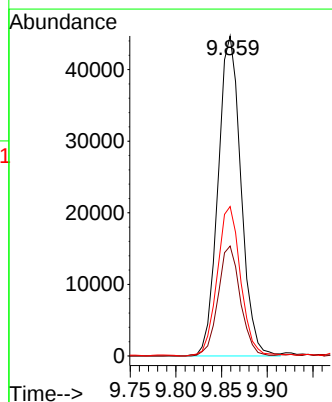
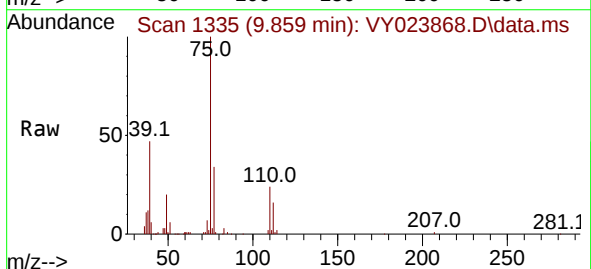
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

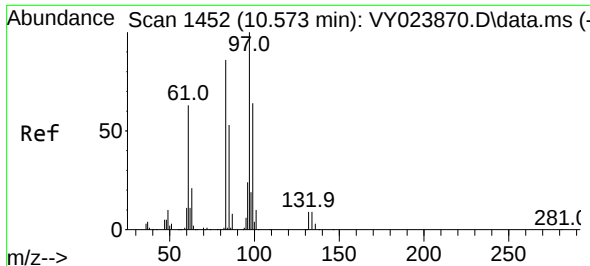
Tgt Ion: 75 Resp: 65036
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 9.820 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 75 Resp: 78015
Ion Ratio Lower Upper
75 100
77 34.4 23.8 35.6
39 46.7 35.5 53.3

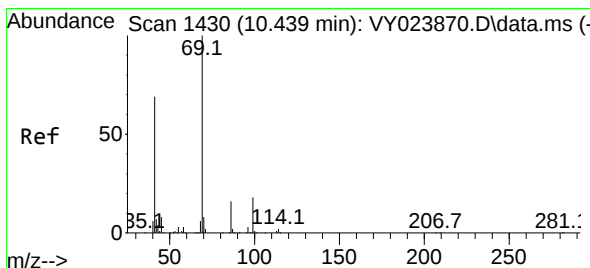
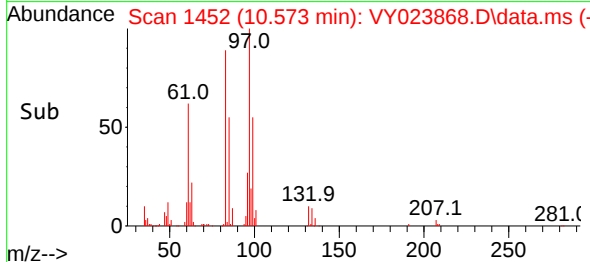
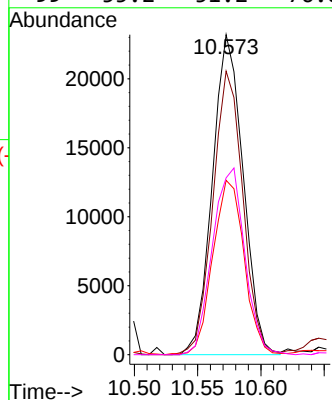
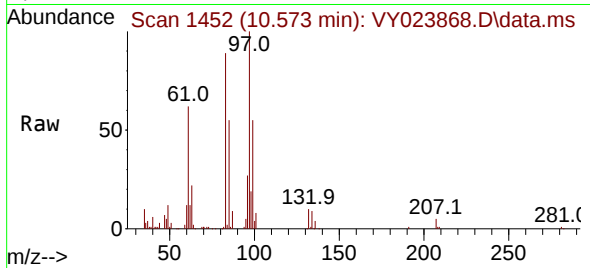




#55
1,1,2-Trichloroethane
Concen: 10.221 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

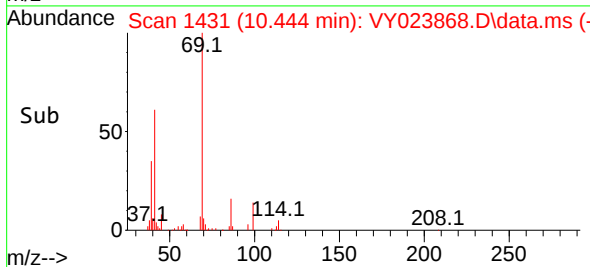
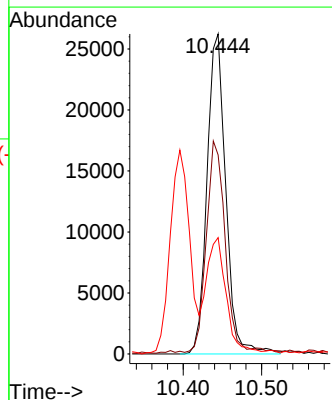
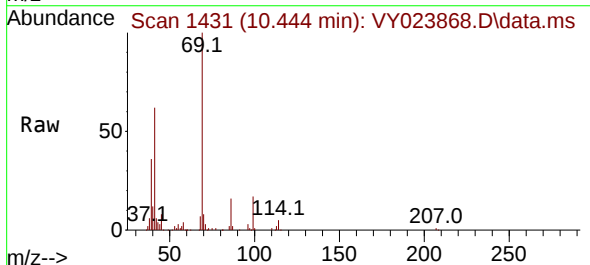
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

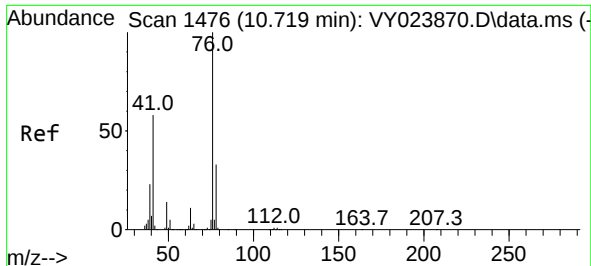
Tgt Ion: 97	Resp: 39090
Ion Ratio	Lower Upper
97 100	
83 88.0	69.0 103.4
85 54.3	42.6 63.8
99 55.2	51.2 76.8



#56
Ethyl methacrylate
Concen: 11.300 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 69	Resp: 43530
Ion Ratio	Lower Upper
69 100	
41 65.3	52.5 78.7
39 37.0	27.1 40.7

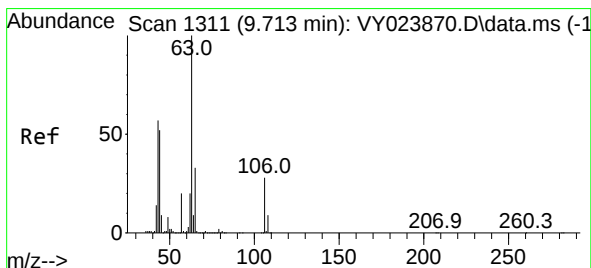
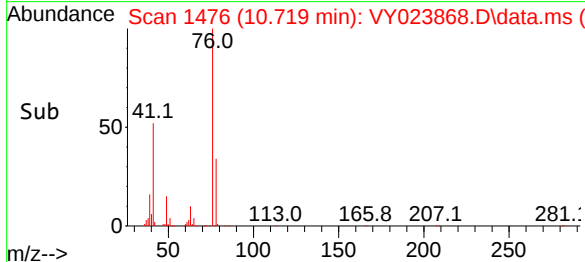
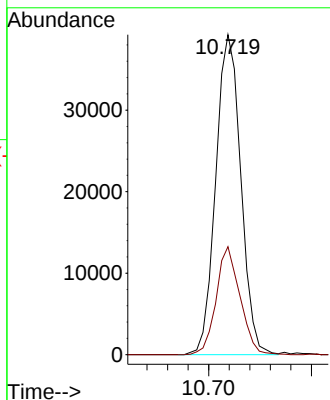
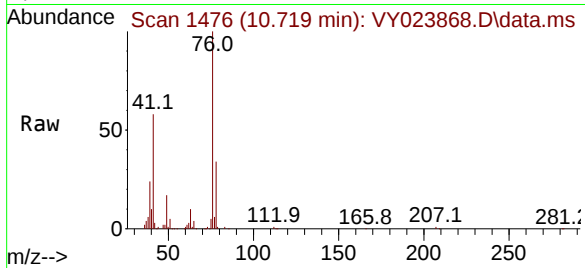




#57
1,3-Dichloropropane
Concen: 10.074 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

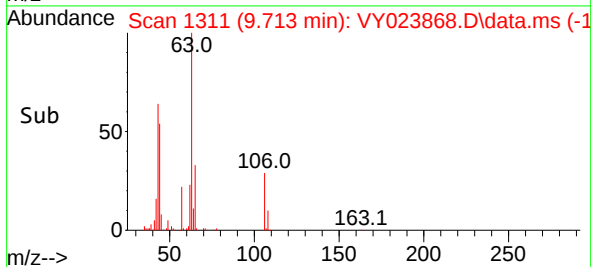
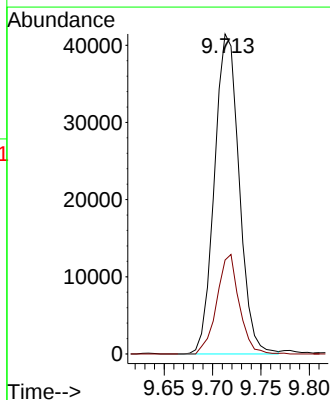
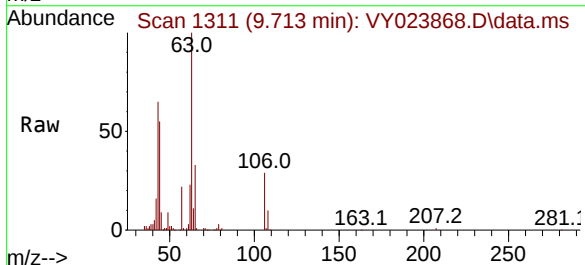
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

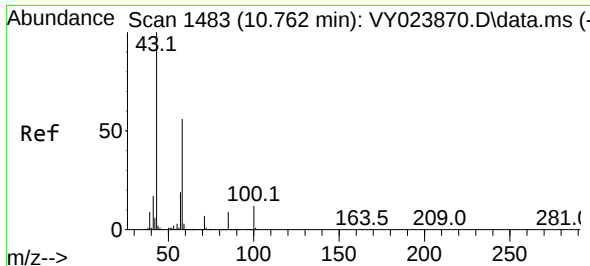
Tgt Ion: 76 Resp: 66363
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 43.223 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 63 Resp: 73539
Ion Ratio Lower Upper
63 100
106 28.2 22.5 33.7

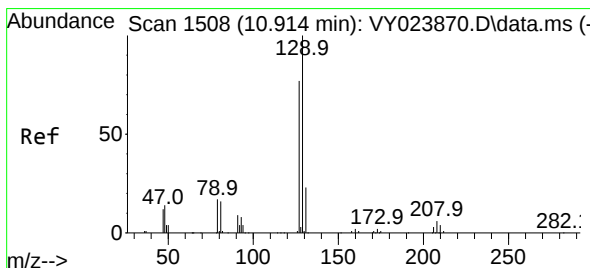
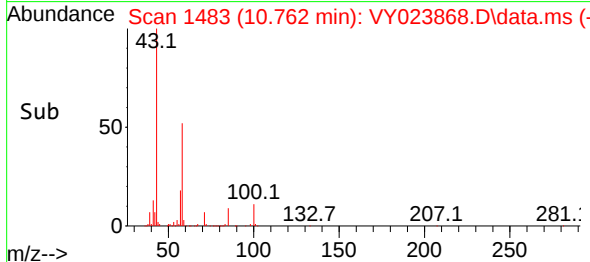
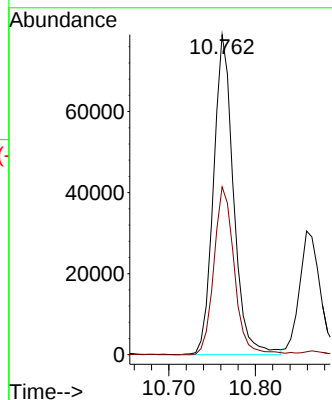
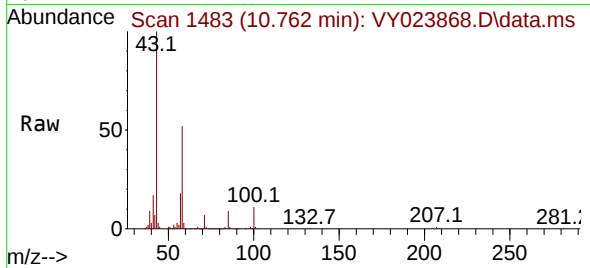




#59
2-Hexanone
Concen: 50.628 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

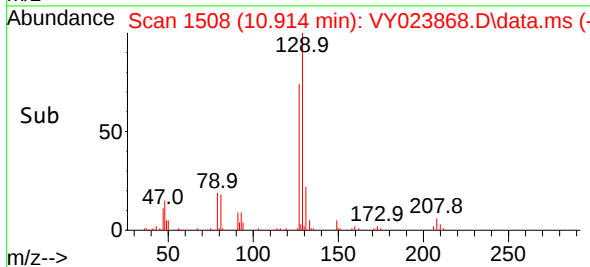
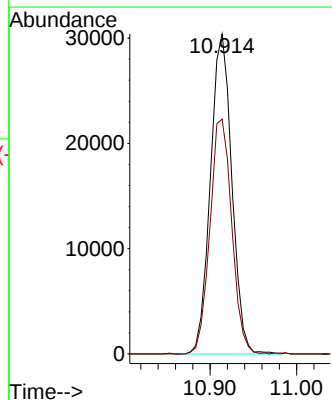
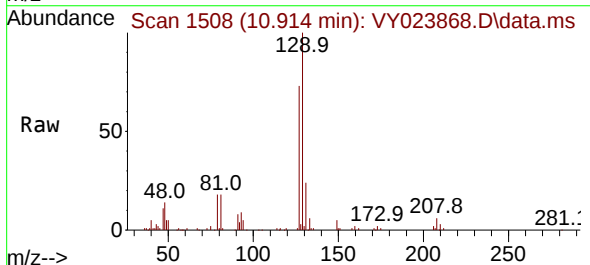
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

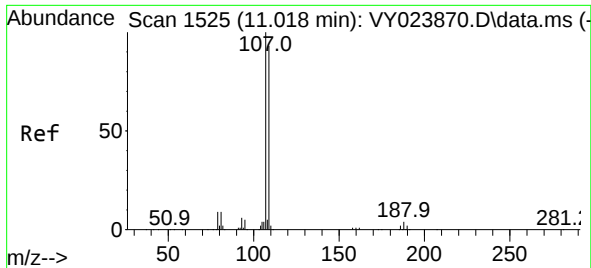
Tgt Ion: 43 Resp: 126850
Ion Ratio Lower Upper
43 100
58 53.2 27.7 83.1



#60
Dibromochloromethane
Concen: 10.166 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 129 Resp: 52135
Ion Ratio Lower Upper
129 100
127 74.9 38.0 114.0

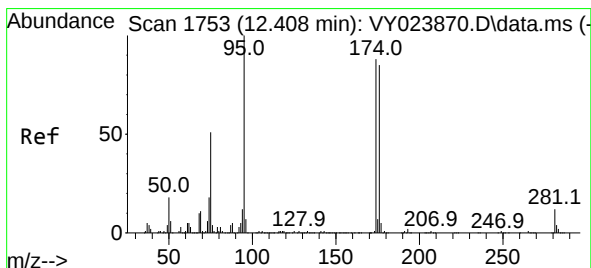
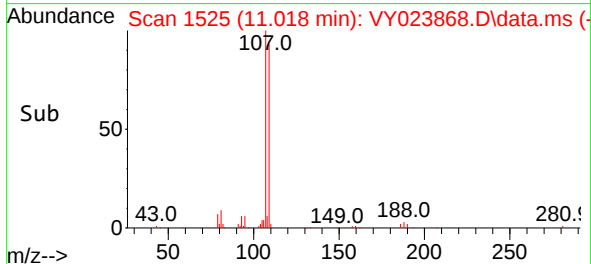
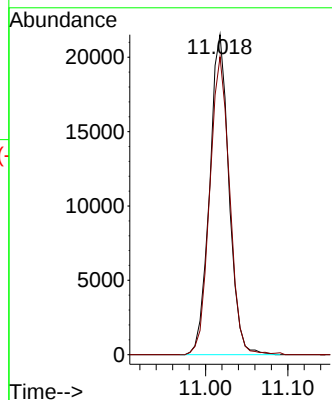
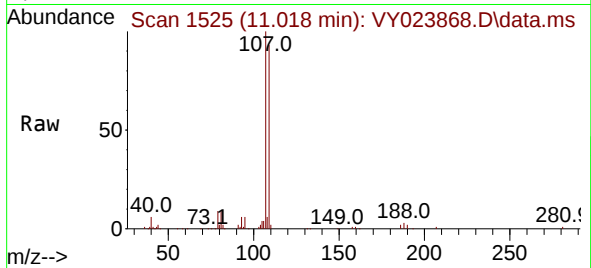




#61
1,2-Dibromoethane
Concen: 10.123 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

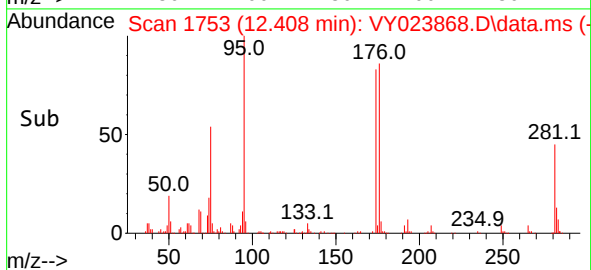
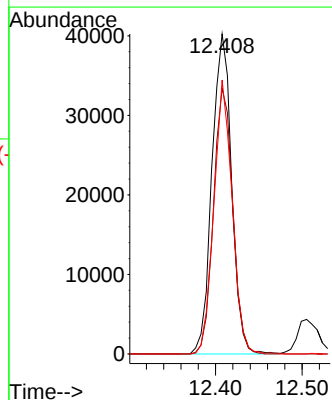
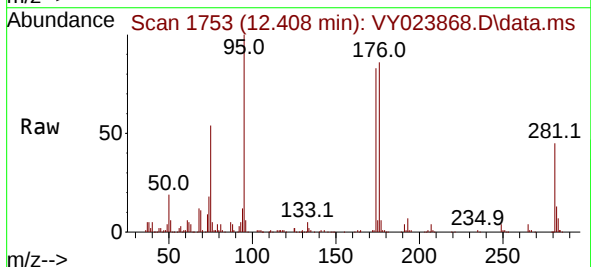
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

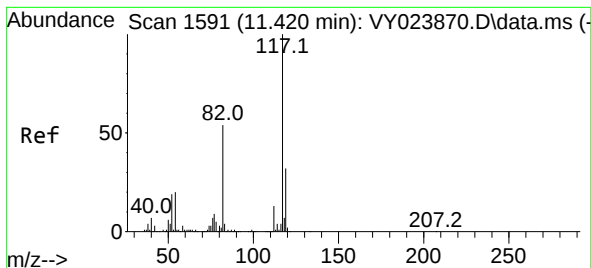
Tgt Ion:107 Resp: 35286
Ion Ratio Lower Upper
107 100
109 95.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 9.620 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 95 Resp: 63323
Ion Ratio Lower Upper
95 100
174 81.5 0.0 169.6
176 80.1 0.0 164.4

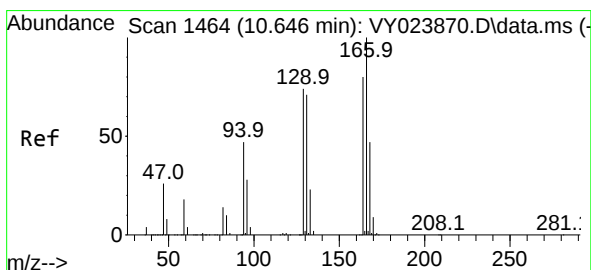
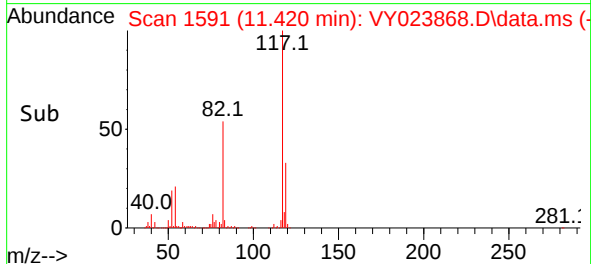
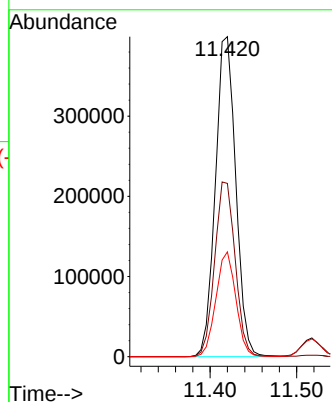
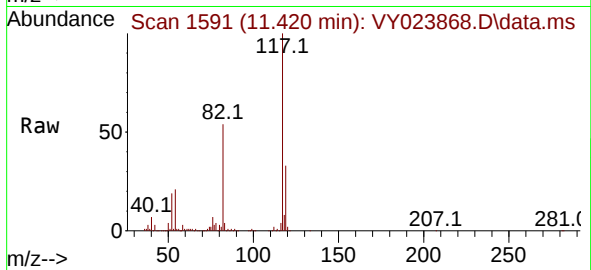




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

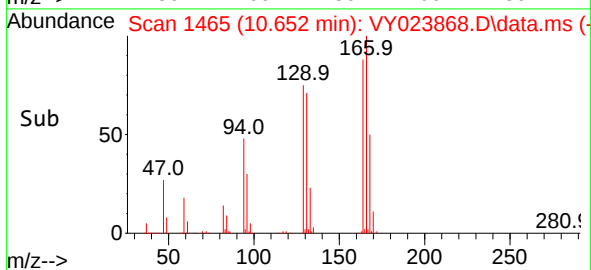
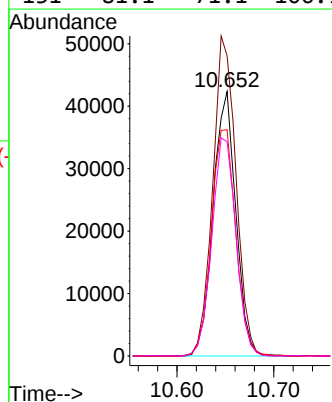
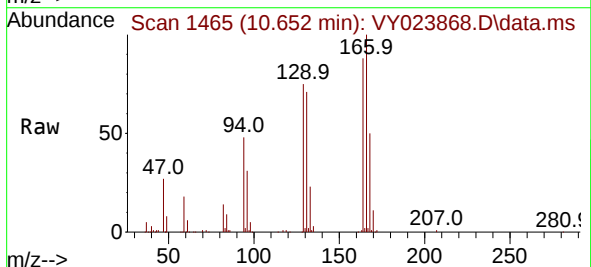
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

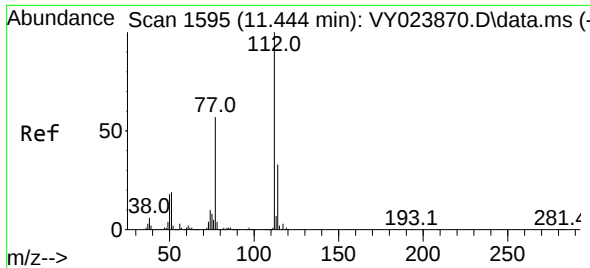
Tgt Ion:117 Resp: 653185
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 10.796 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion:164 Resp: 69006
Ion Ratio Lower Upper
164 100
166 113.6 100.2 150.4
129 85.6 74.4 111.6
131 81.1 71.1 106.7

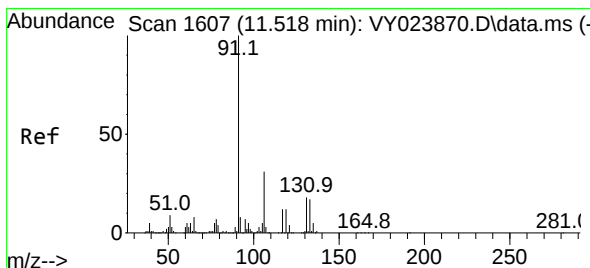
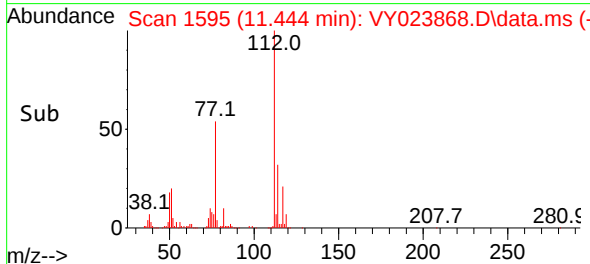
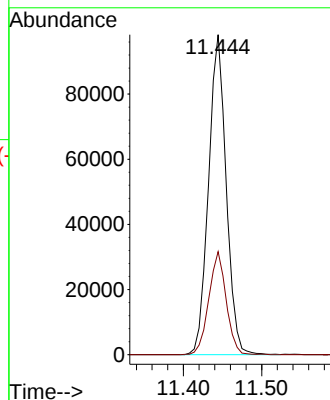
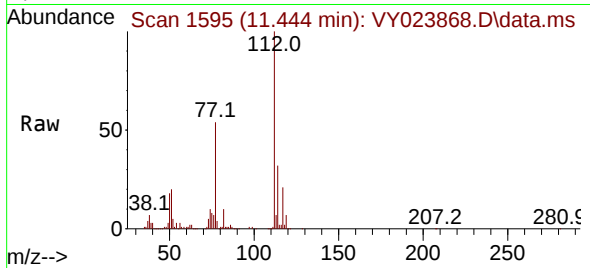




#65
Chlorobenzene
Concen: 10.297 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

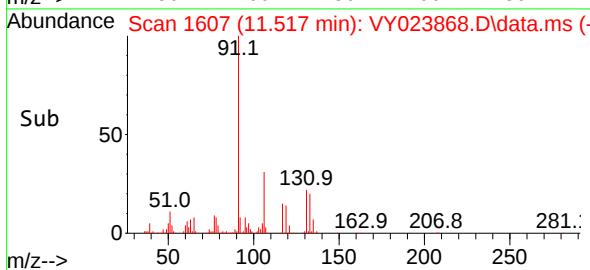
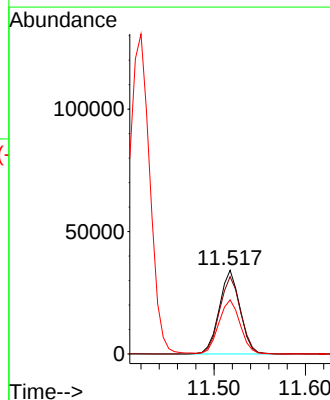
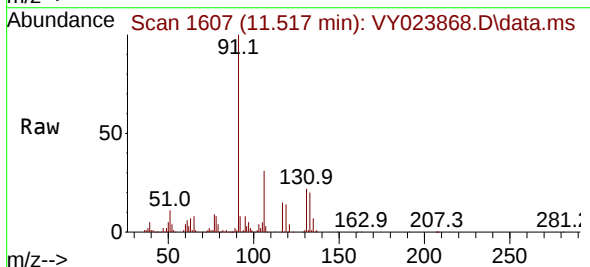
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

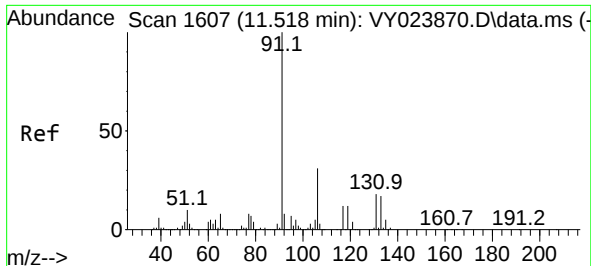
Tgt Ion:112 Resp: 153517
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 10.562 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion:131 Resp: 53726
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 66.8 32.5 97.4





#67

Ethyl Benzene

Concen: 9.890 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

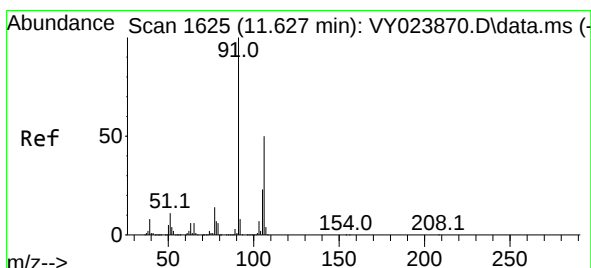
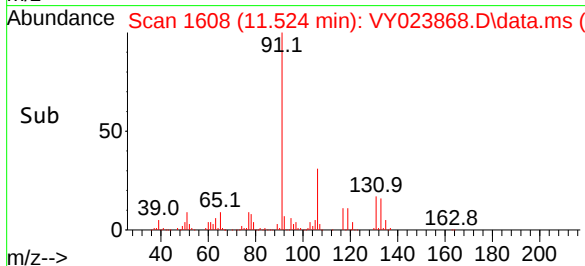
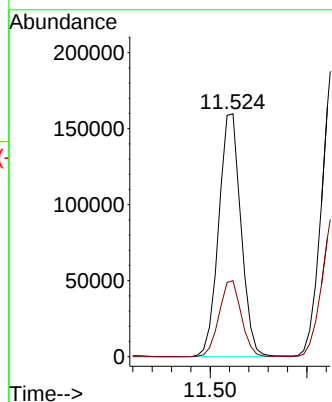
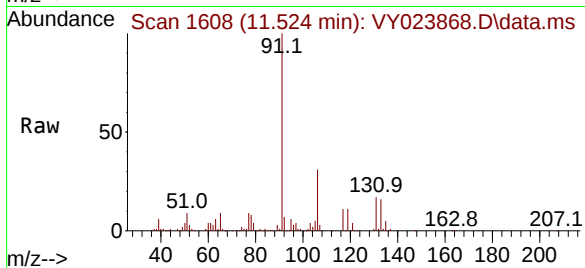
VSTDIC010

Tgt Ion: 91 Resp: 254914

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 19.704 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023868.D

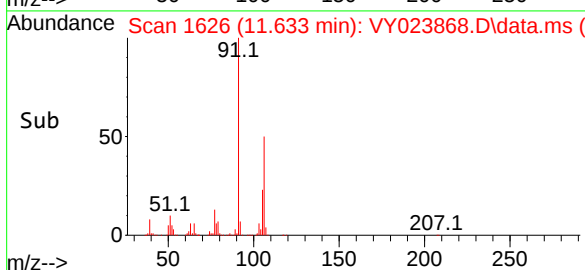
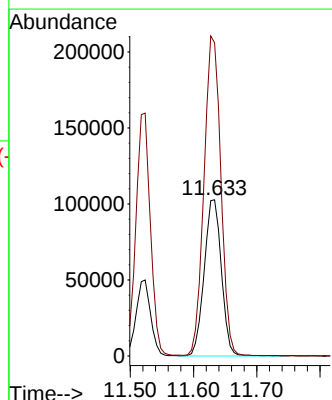
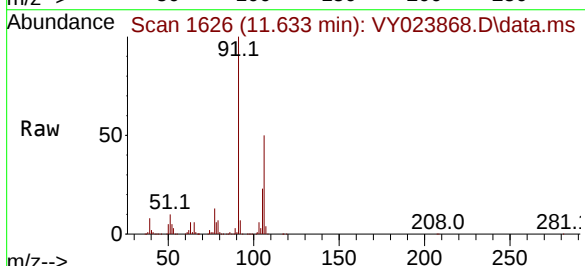
Acq: 03 Dec 2025 14:05

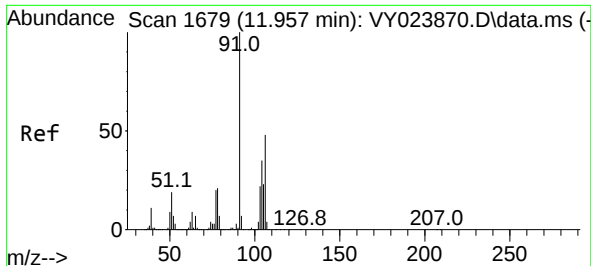
Tgt Ion: 106 Resp: 194108

Ion Ratio Lower Upper

106 100

91 201.3 159.7 239.5

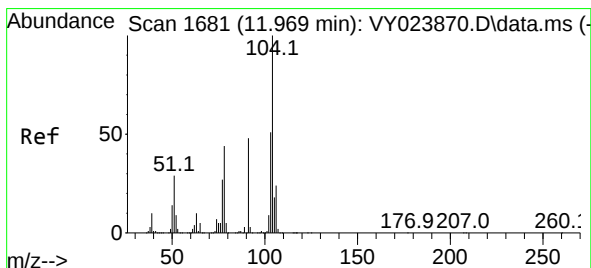
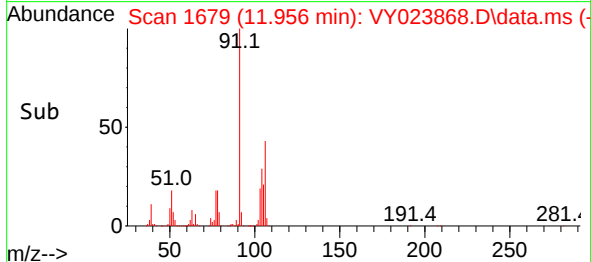
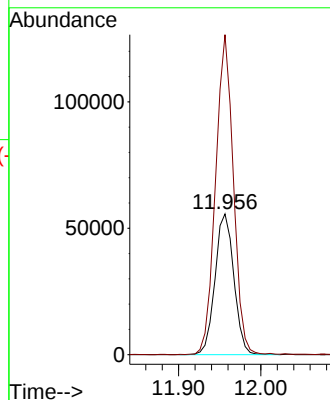
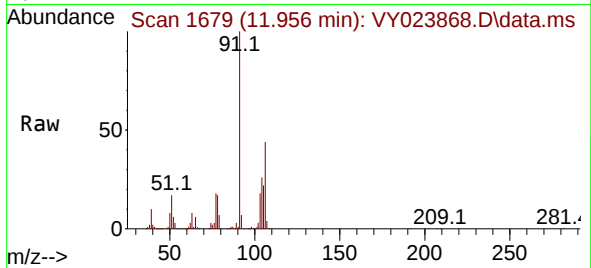




#69
o-Xylene
Concen: 9.635 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

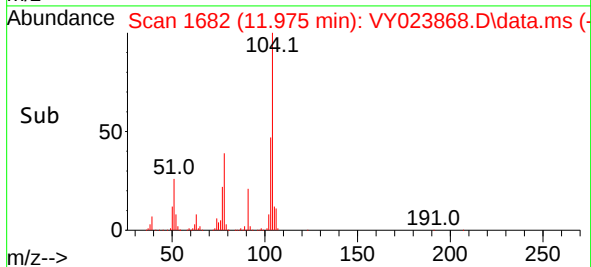
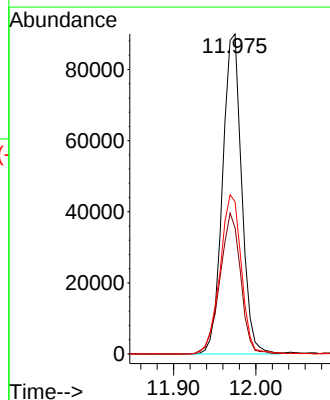
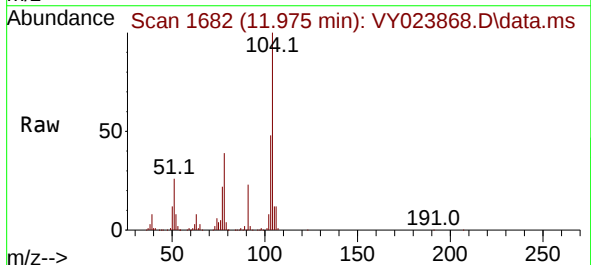
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

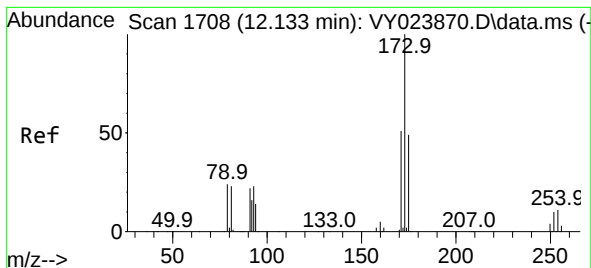
Tgt Ion:106 Resp: 88776
Ion Ratio Lower Upper
106 100
91 214.9 104.4 313.1



#70
Styrene
Concen: 9.592 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion:104 Resp: 145688
Ion Ratio Lower Upper
104 100
78 47.7 38.8 58.2
103 55.8 43.9 65.9





#71

Bromoform

Concen: 10.046 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

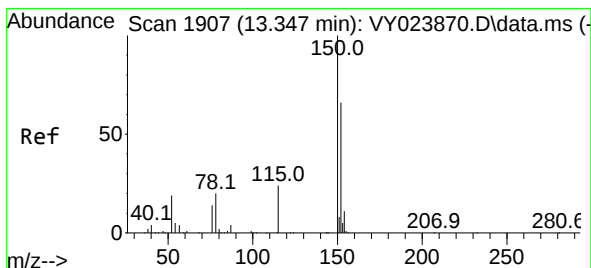
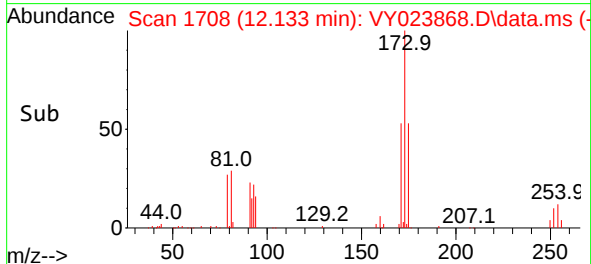
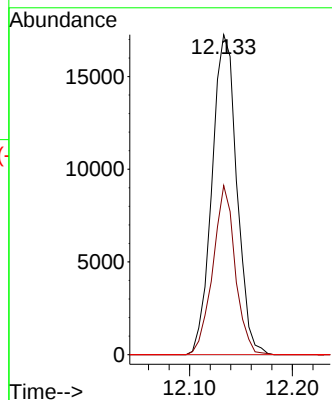
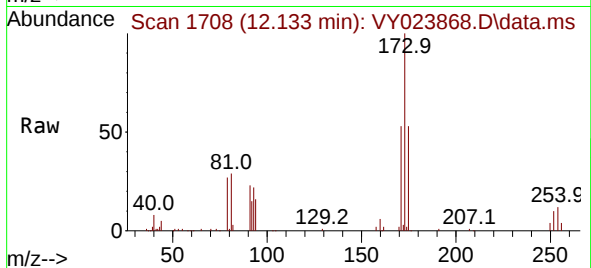
Tgt Ion:173 Resp: 28873

Ion Ratio Lower Upper

173 100

175 47.7 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: VY023868.D

Acq: 03 Dec 2025 14:05

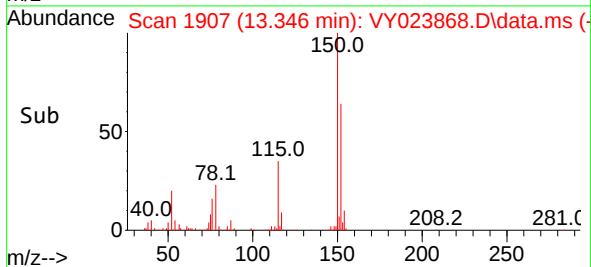
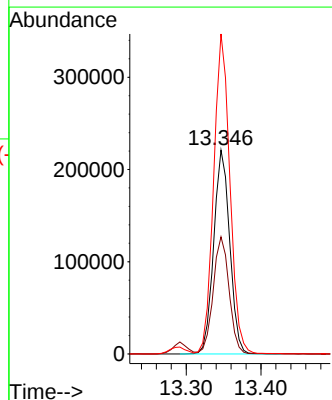
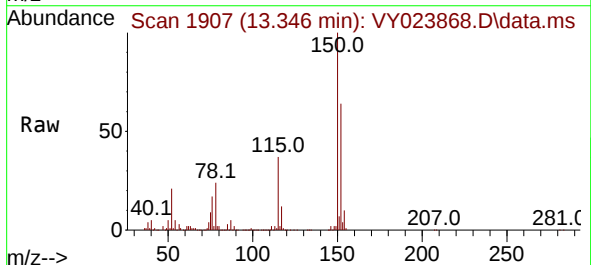
Tgt Ion:152 Resp: 328899

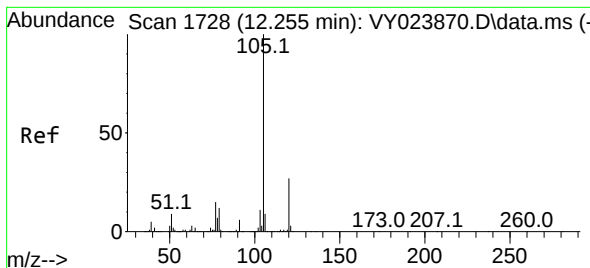
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.4

150 159.2 0.0 352.2





#73

Isopropylbenzene

Concen: 10.053 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

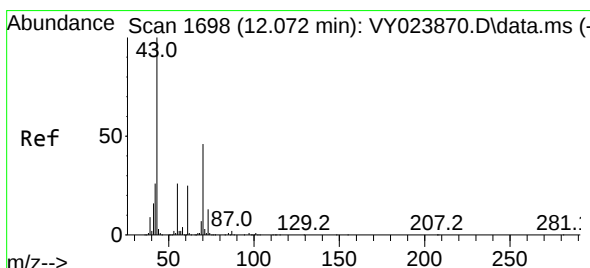
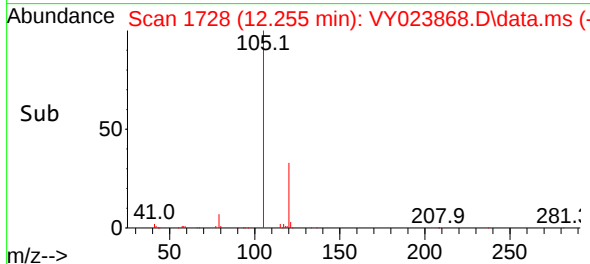
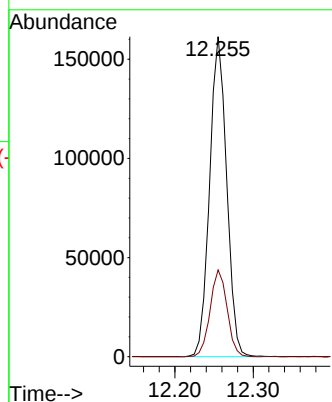
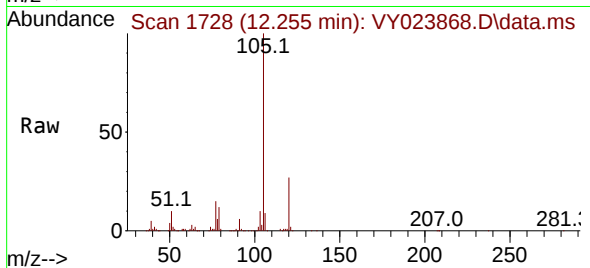
VSTDIC010

Tgt Ion:105 Resp: 243607

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 8.999 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Tgt Ion: 43 Resp: 47261

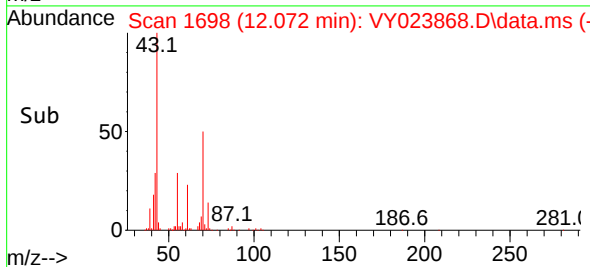
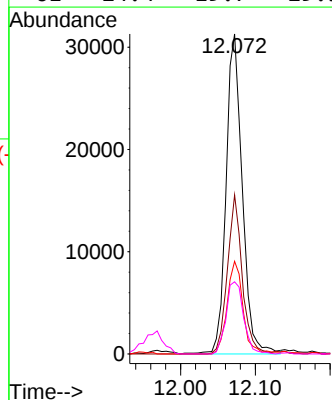
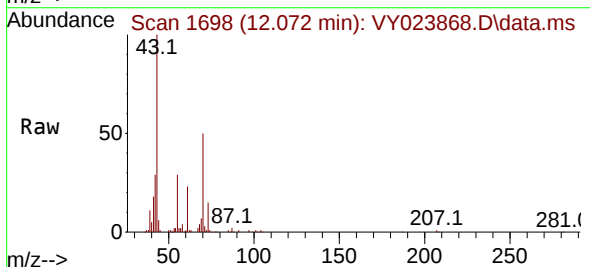
Ion Ratio Lower Upper

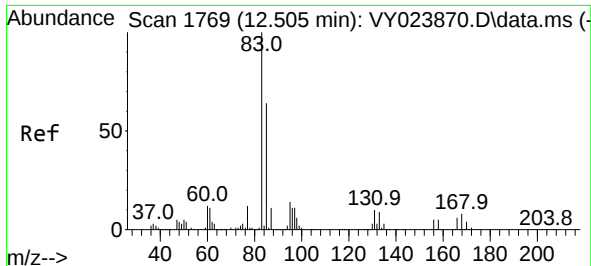
43 100

70 45.4 35.5 53.3

55 28.4 21.1 31.7

61 24.4 19.7 29.5

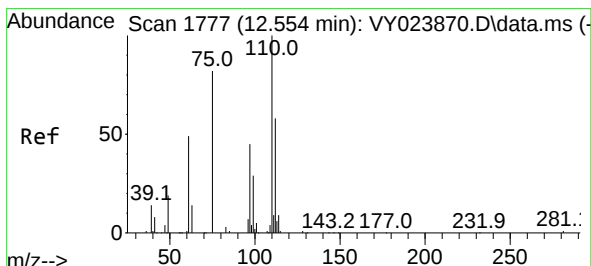
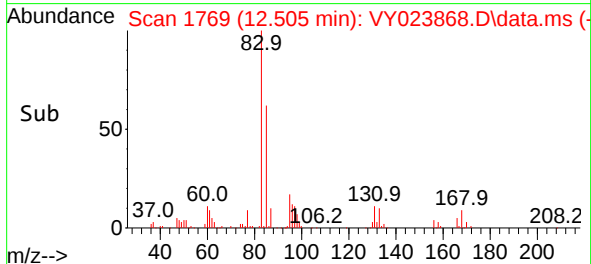
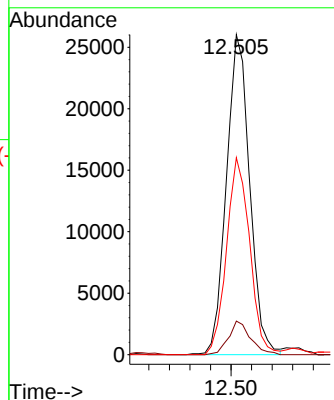
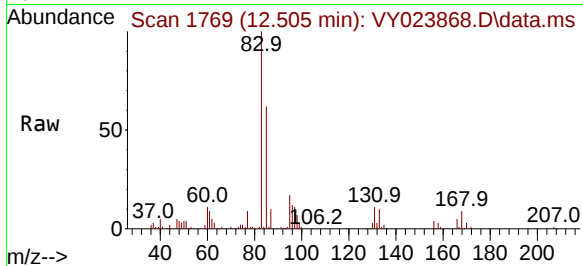




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.469 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

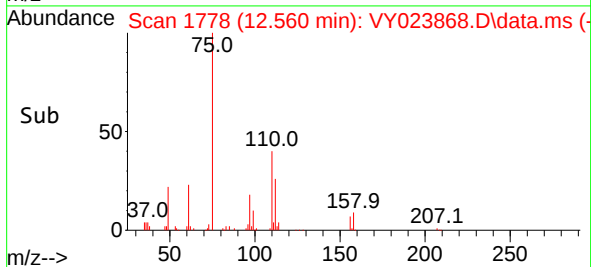
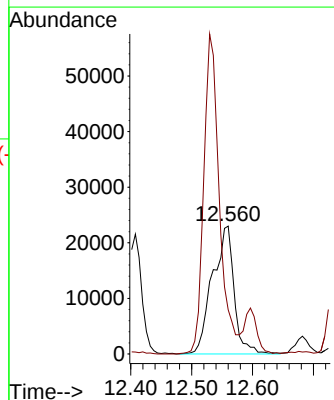
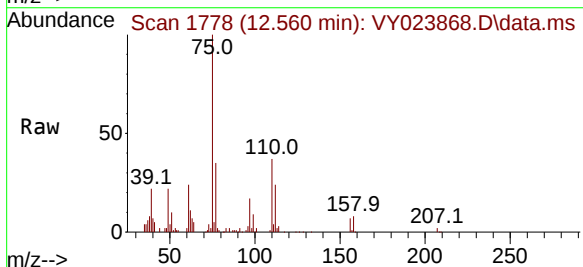
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

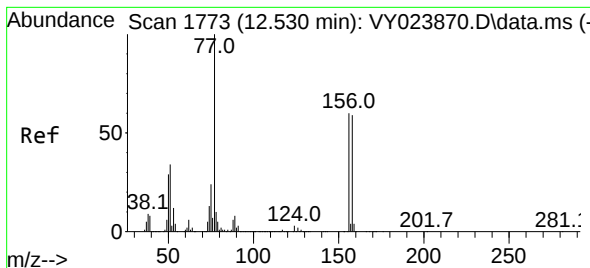
Tgt Ion: 83 Resp: 40930
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.9
 85 61.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 17.472 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

Tgt Ion: 75 Resp: 56971
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.231 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

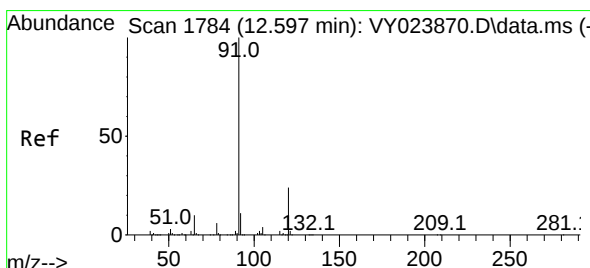
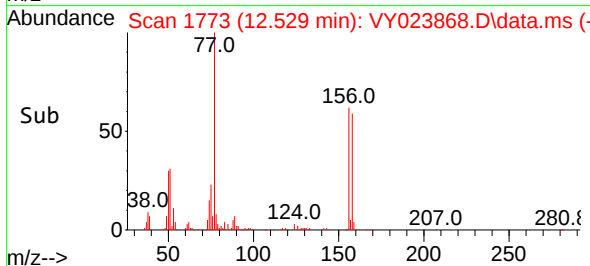
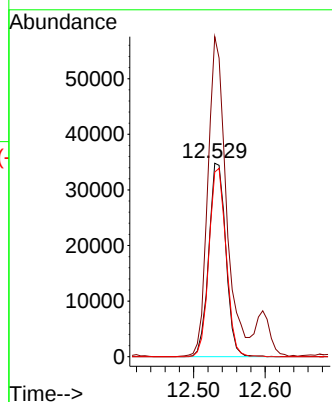
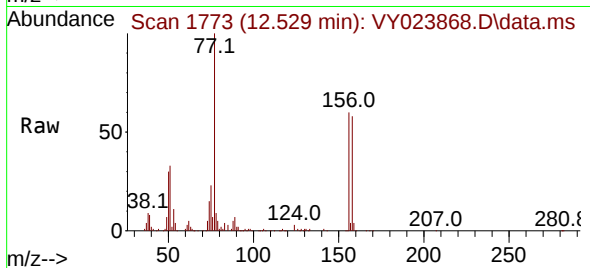
Tgt Ion:156 Resp: 57581

Ion Ratio Lower Upper

156 100

77 179.0 89.6 268.9

158 97.8 48.6 145.8



#78

n-propylbenzene

Concen: 9.969 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023868.D

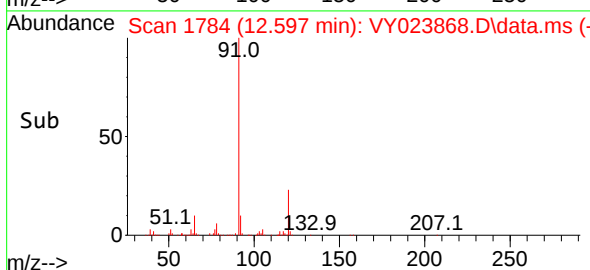
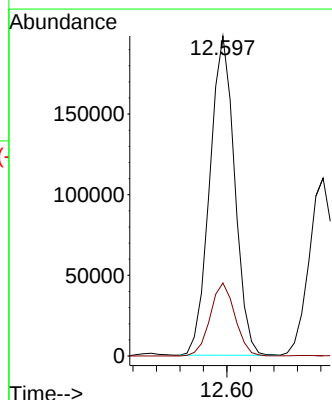
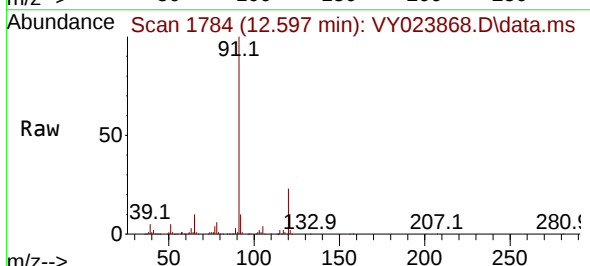
Acq: 03 Dec 2025 14:05

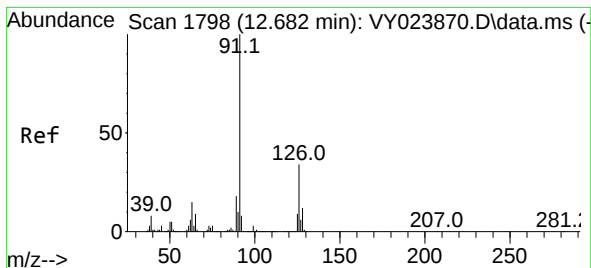
Tgt Ion: 91 Resp: 291497

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

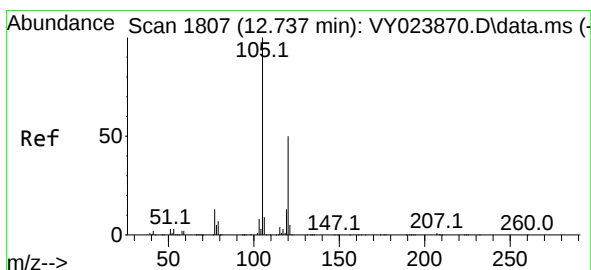
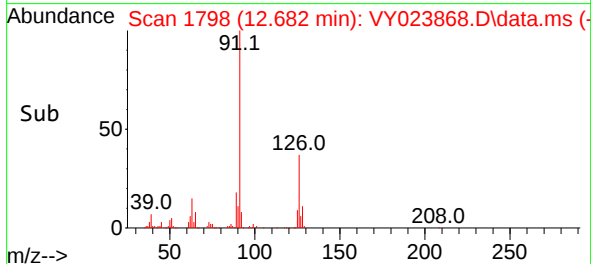
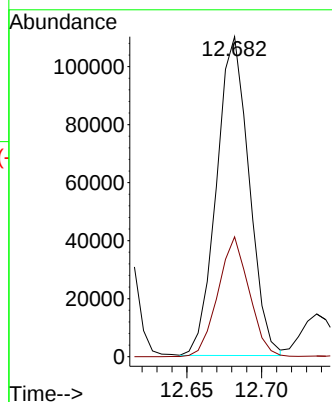
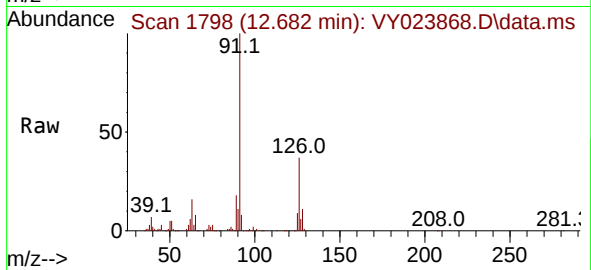




#79
2-Chlorotoluene
Concen: 10.027 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

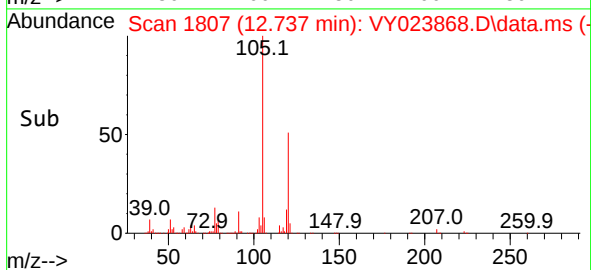
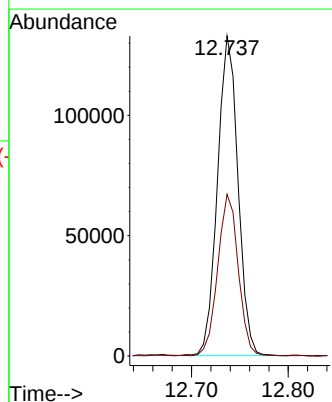
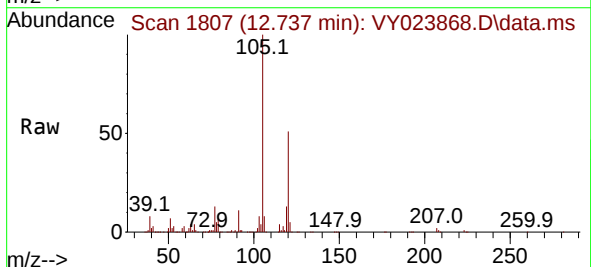
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

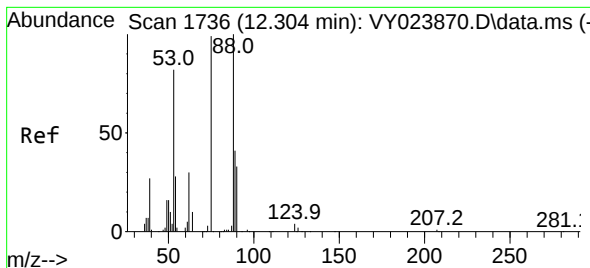
Tgt Ion: 91 Resp: 166508
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 9.931 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 105 Resp: 195539
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.6

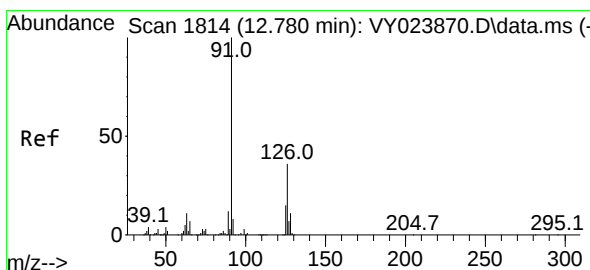
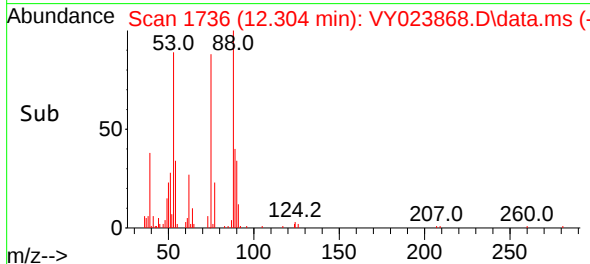
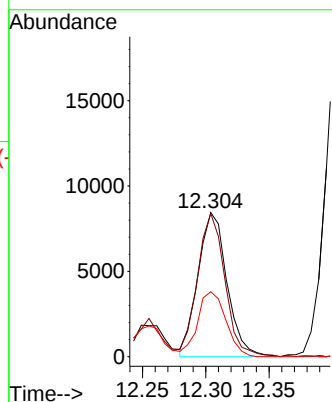
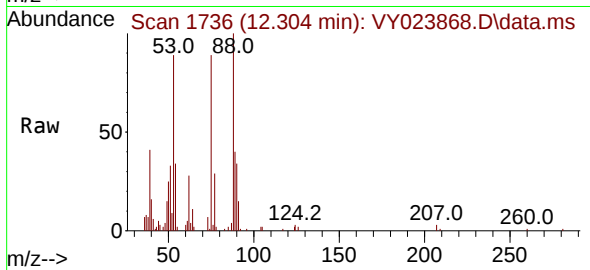




#81
trans-1,4-Dichloro-2-butene
Concen: 9.923 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

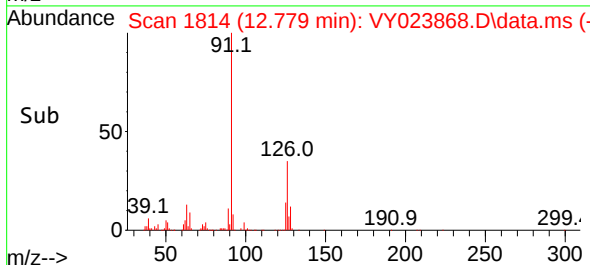
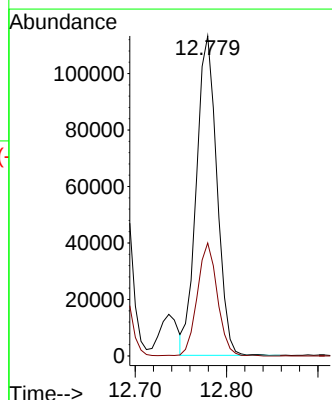
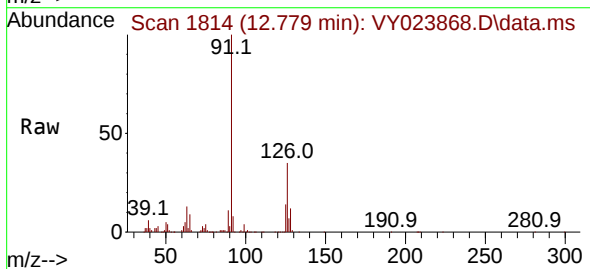
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

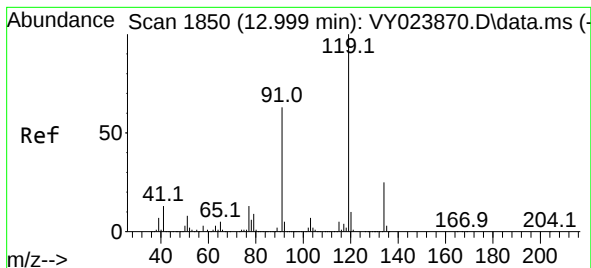
Tgt Ion: 75 Resp: 13509
Ion Ratio Lower Upper
75 100
53 94.8 71.1 106.7
89 43.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 10.229 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion: 91 Resp: 176116
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 9.916 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

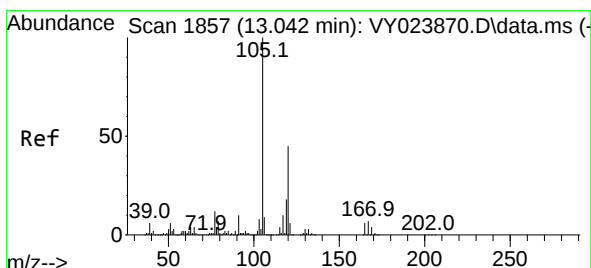
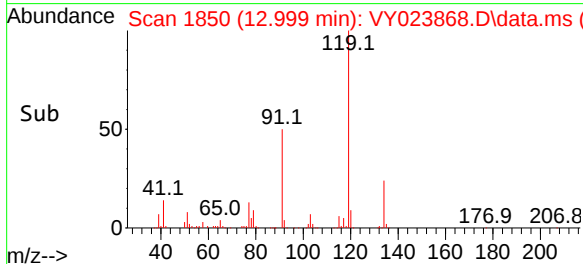
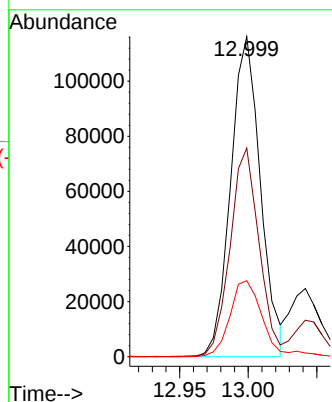
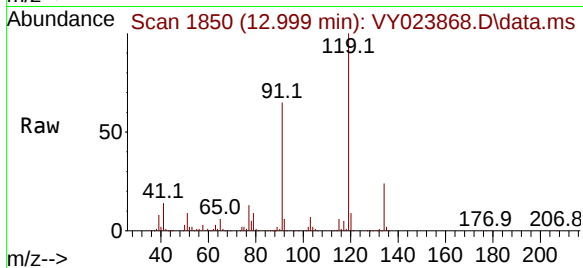
Tgt Ion:119 Resp: 176020

Ion Ratio Lower Upper

119 100

91 63.4 31.8 95.3

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 10.025 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023868.D

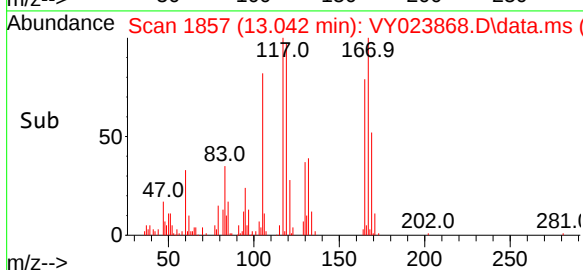
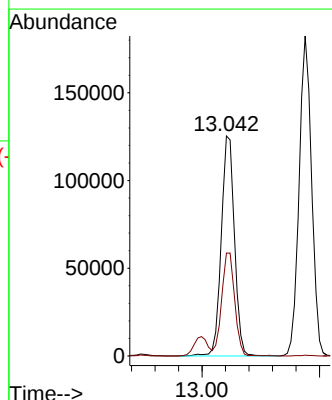
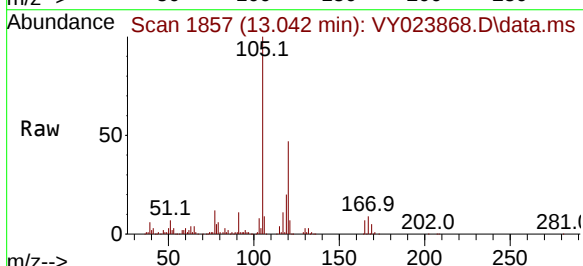
Acq: 03 Dec 2025 14:05

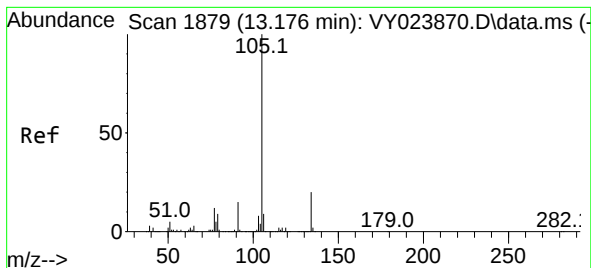
Tgt Ion:105 Resp: 195542

Ion Ratio Lower Upper

105 100

120 46.0 22.4 67.3

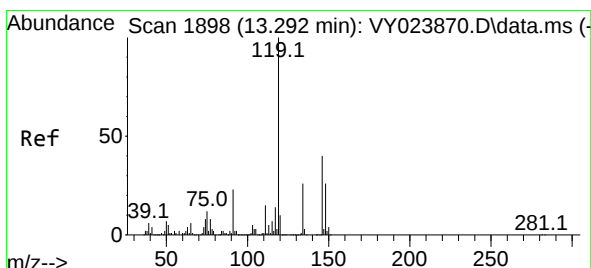
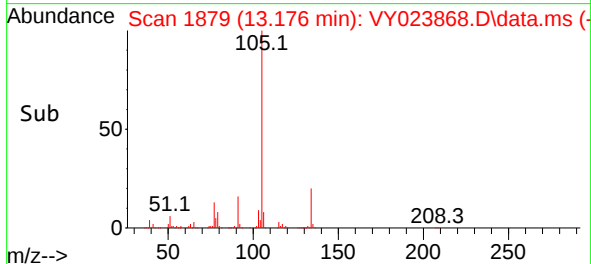
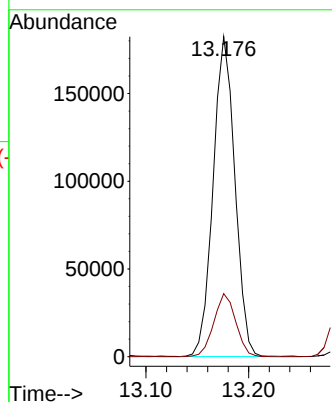
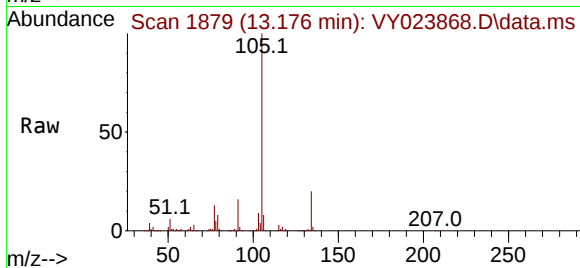




#85
 sec-Butylbenzene
 Concen: 10.149 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

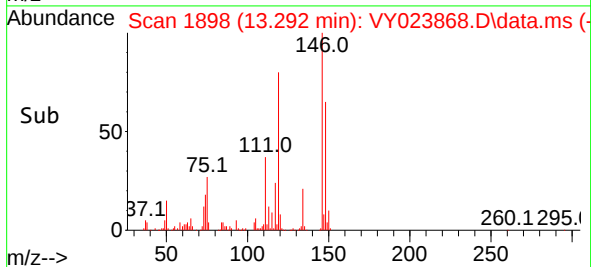
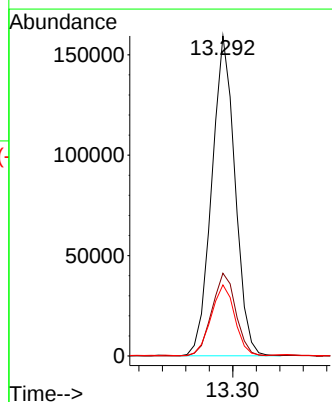
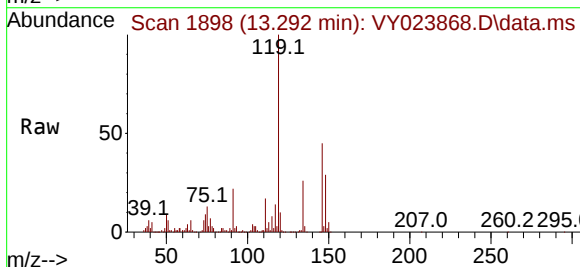
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

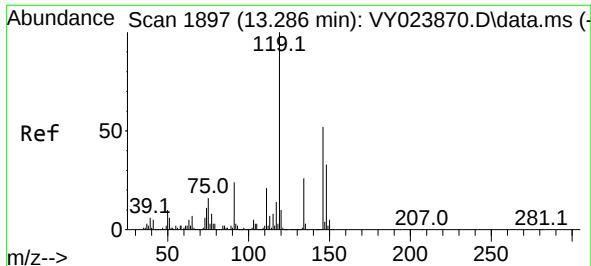
Tgt Ion:105 Resp: 267991
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 10.000 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023868.D
 Acq: 03 Dec 2025 14:05

Tgt Ion:119 Resp: 218621
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 22.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 10.327 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

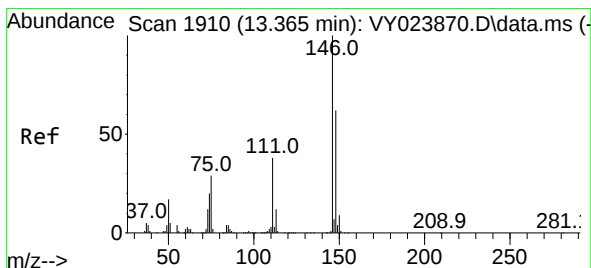
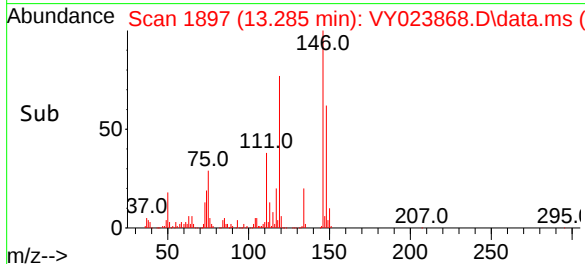
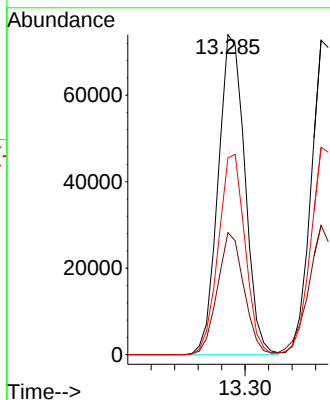
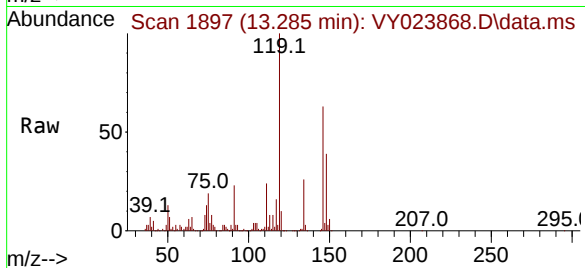
Tgt Ion:146 Resp: 117095

Ion Ratio Lower Upper

146 100

111 37.8 20.0 60.0

148 62.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 10.317 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

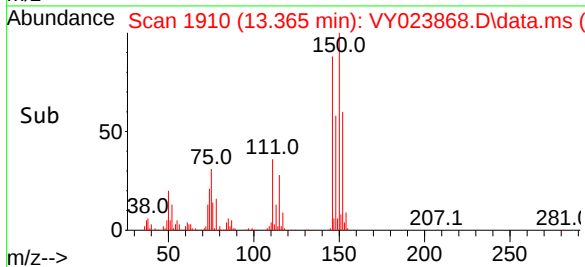
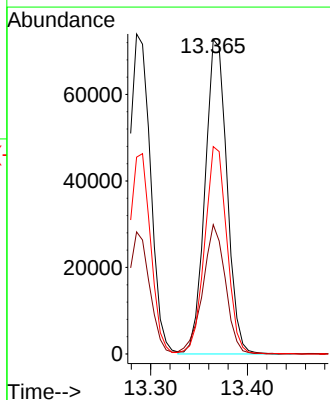
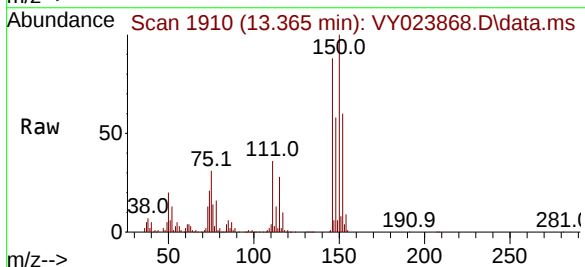
Tgt Ion:146 Resp: 114716

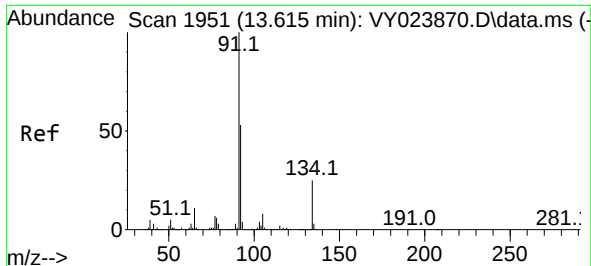
Ion Ratio Lower Upper

146 100

111 42.6 19.4 58.1

148 66.5 32.0 96.2





#89

n-Butylbenzene

Concen: 9.663 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

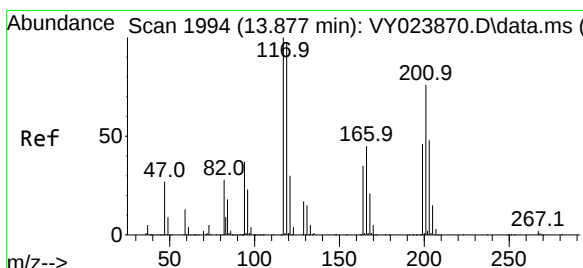
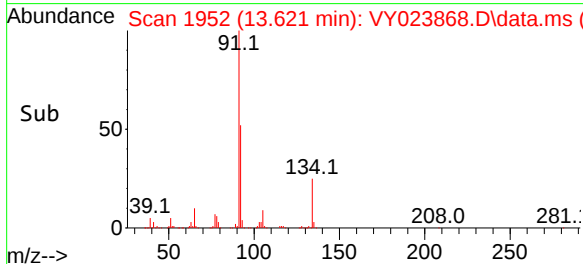
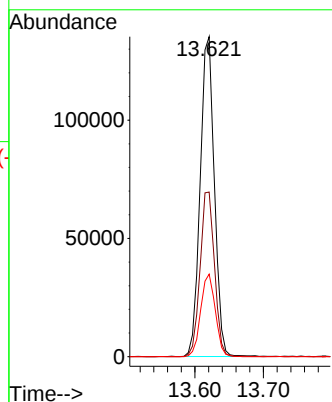
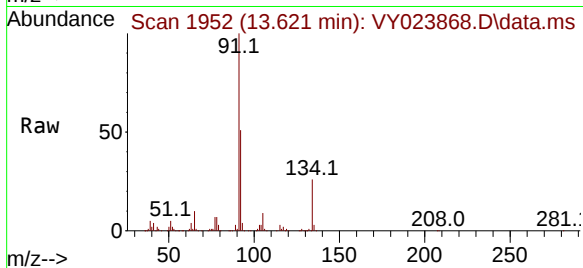
MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 195542

Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.0
134	26.5	13.0	39.0



#90

Hexachloroethane

Concen: 10.509 ug/l

RT: 13.877 min Scan# 1994

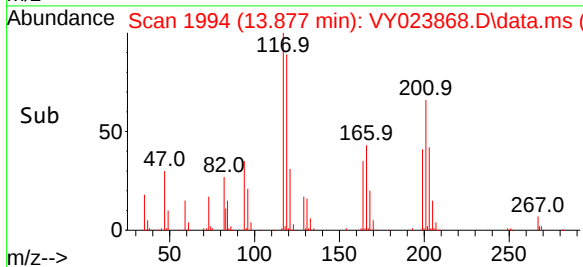
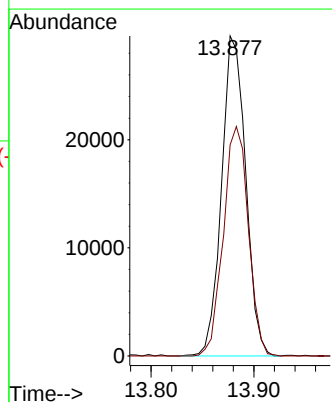
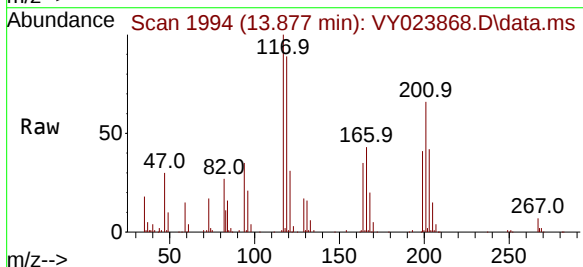
Delta R.T. -0.000 min

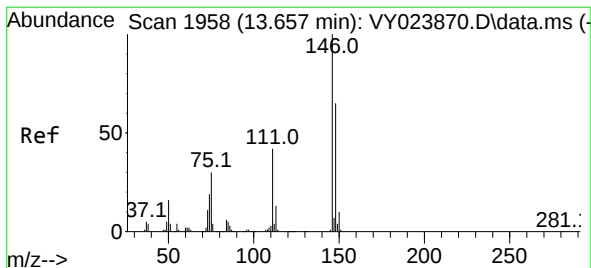
Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Tgt Ion: 117 Resp: 48202

Ion	Ratio	Lower	Upper
117	100		
201	74.4	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 10.193 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

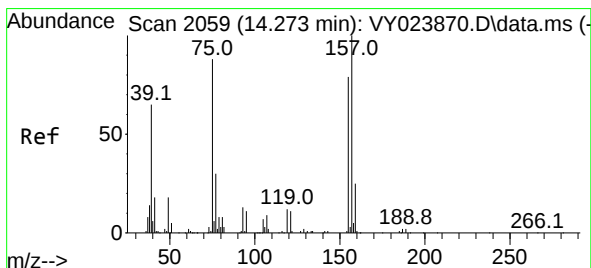
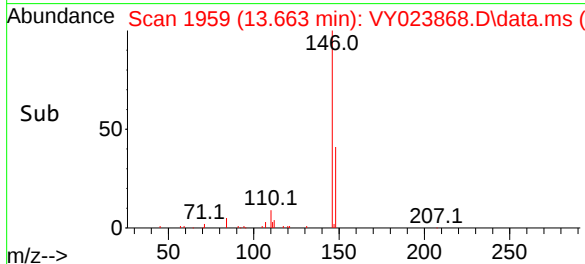
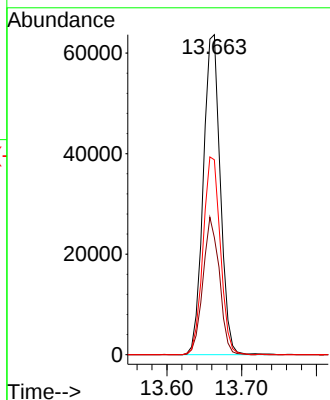
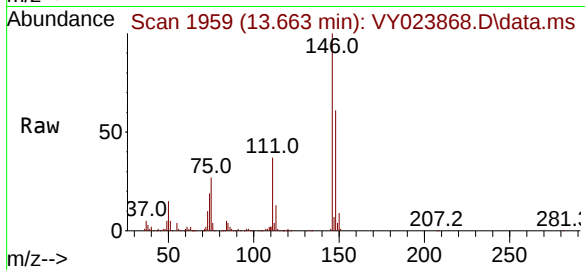
Tgt Ion:146 Resp: 100521

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

148 62.9 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.196 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

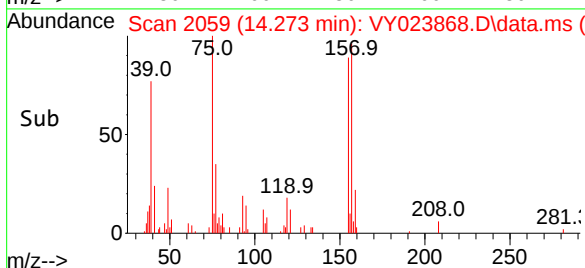
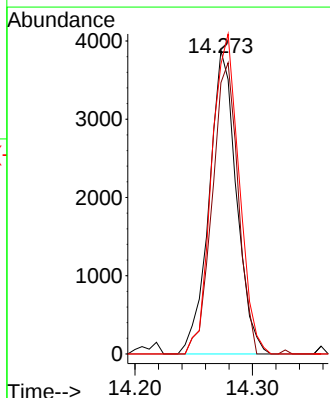
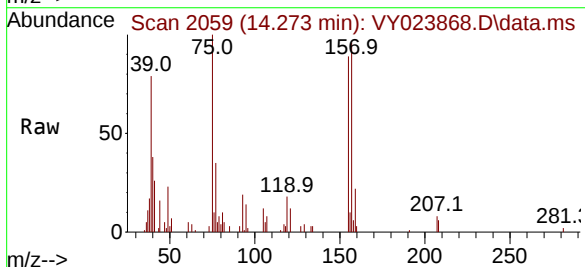
Tgt Ion: 75 Resp: 6268

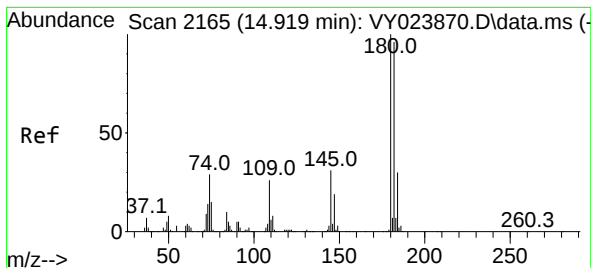
Ion Ratio Lower Upper

75 100

155 90.7 44.4 133.2

157 106.0 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 9.515 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

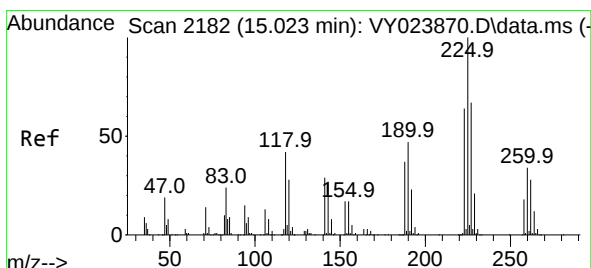
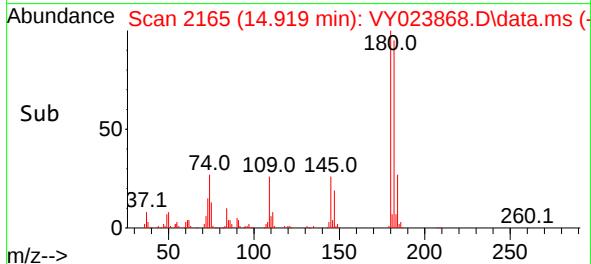
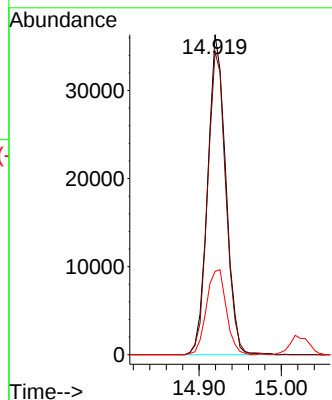
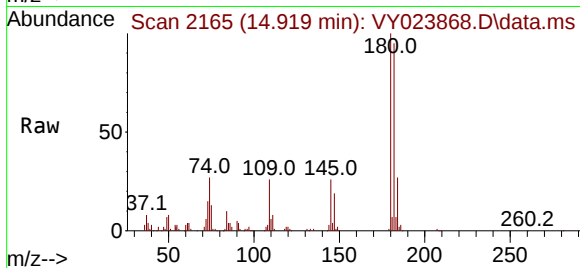
Tgt Ion:180 Resp: 55634

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 29.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 10.538 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023868.D

Acq: 03 Dec 2025 14:05

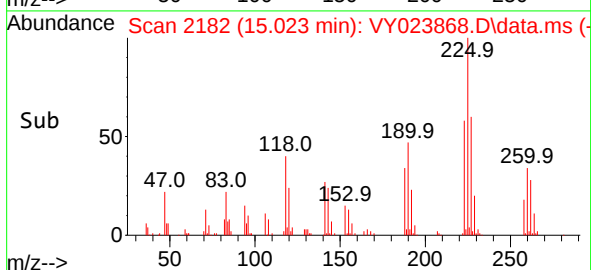
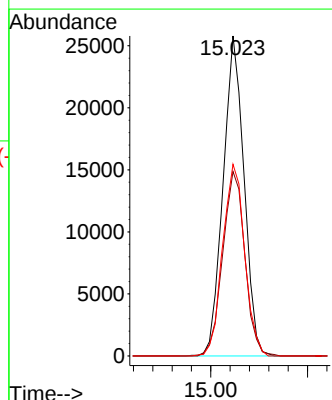
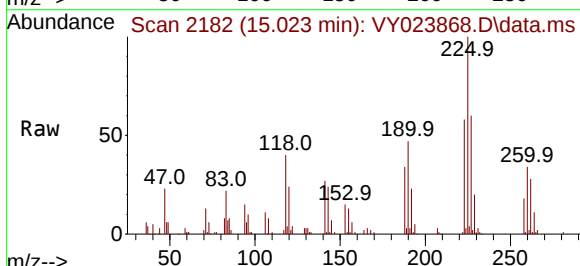
Tgt Ion:225 Resp: 38656

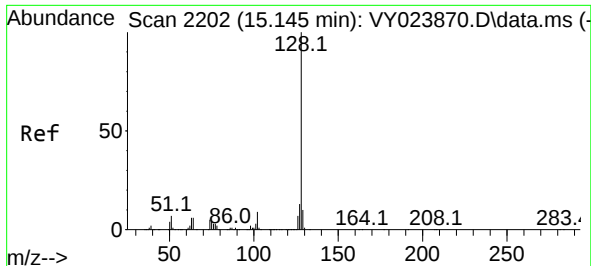
Ion Ratio Lower Upper

225 100

223 60.9 31.6 95.0

227 63.0 32.6 97.8

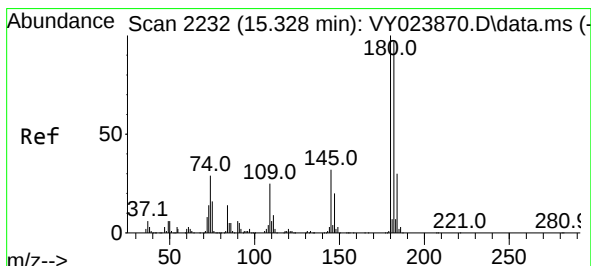
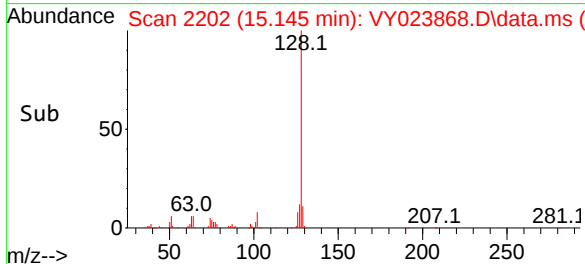
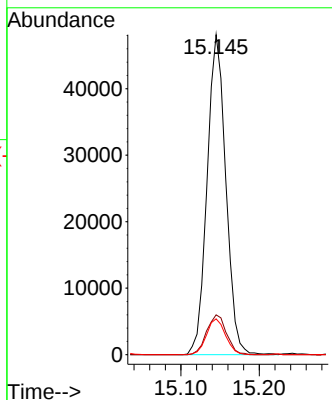
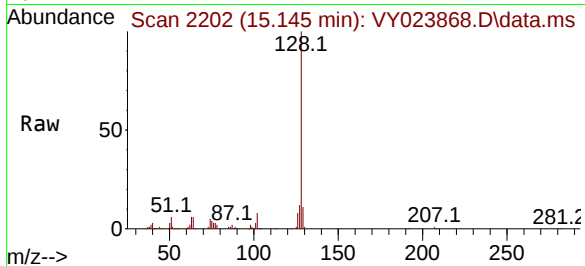




#95
Naphthalene
Concen: 8.289 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 79869
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.271 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023868.D
Acq: 03 Dec 2025 14:05

Tgt Ion:180 Resp: 46259
Ion Ratio Lower Upper
180 100
182 91.1 46.9 140.8
145 31.4 15.7 47.1

