

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023879.D
 Acq On : 04 Dec 2025 09:04
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 01:41:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	494998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	762810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	650156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	339898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	241797	48.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.660%
35) Dibromofluoromethane	7.640	113	240840	49.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.109	98	930197	48.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.408	95	300344	46.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	73163	19.541	ug/l	98
3) Chloromethane	2.074	50	99439	18.619	ug/l	94
4) Vinyl Chloride	2.214	62	114041	18.719	ug/l	99
5) Bromomethane	2.598	94	88493	20.118	ug/l	100
6) Chloroethane	2.745	64	80539	19.499	ug/l	96
7) Trichlorofluoromethane	3.068	101	168684	19.803	ug/l	98
8) Diethyl Ether	3.458	74	50973	19.974	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	102210	20.027	ug/l	97
10) Methyl Iodide	4.013	142	90018	17.570	ug/l	98
11) Tert butyl alcohol	4.866	59	18840	42.559	ug/l #	74
12) 1,1-Dichloroethene	3.805	96	92891	19.480	ug/l	94
13) Acrolein	3.659	56	43302	140.073	ug/l	99
14) Allyl chloride	4.397	41	149606	19.623	ug/l	98
15) Acrylonitrile	5.074	53	114340	102.945	ug/l	99
16) Acetone	3.879	43	171493	115.576	ug/l	99
17) Carbon Disulfide	4.116	76	247128	17.540	ug/l	100
18) Methyl Acetate	4.397	43	53033	21.071	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	243870	20.359	ug/l	95
20) Methylene Chloride	4.629	84	105233	18.513	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	102275	19.439	ug/l	94
22) Diisopropyl ether	6.025	45	343295	20.450	ug/l	96
23) Vinyl Acetate	5.970	43	923319	99.225	ug/l	100
24) 1,1-Dichloroethane	5.927	63	194013	20.003	ug/l	98
25) 2-Butanone	6.902	43	193445	108.146	ug/l	97
26) 2,2-Dichloropropane	6.896	77	173438	19.510	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	123418	20.202	ug/l	99
28) Bromochloromethane	7.256	49	70427	19.003	ug/l	97
29) Tetrahydrofuran	7.274	42	93171	100.717	ug/l	99
30) Chloroform	7.427	83	196617	20.061	ug/l	97
31) Cyclohexane	7.707	56	170487	18.384	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	177055	20.012	ug/l	99
36) 1,1-Dichloropropene	7.841	75	139487	19.335	ug/l	99
37) Ethyl Acetate	6.994	43	69541	20.875	ug/l	99
38) Carbon Tetrachloride	7.823	117	160633	20.175	ug/l	98
39) Methylcyclohexane	9.116	83	172300	18.348	ug/l	96
40) Benzene	8.085	78	431782	19.802	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	35426	20.630	ug/l #	90
42) 1,2-Dichloroethane	8.164	62	116006	20.387	ug/l	99
43) Isopropyl Acetate	8.201	43	123634	19.836	ug/l #	84
44) Trichloroethene	8.866	130	114718	20.446	ug/l	97
45) 1,2-Dichloropropane	9.146	63	105650	20.463	ug/l	94
46) Dibromomethane	9.237	93	55850	19.981	ug/l	98
47) Bromodichloromethane	9.426	83	149507	20.274	ug/l	100
48) Methyl methacrylate	9.225	41	58278	20.014	ug/l	96
49) 1,4-Dioxane	9.237	88	12694	408.429	ug/l	89
51) 4-Methyl-2-Pentanone	9.999	43	341141	104.088	ug/l	99
52) Toluene	10.170	92	273723	20.045	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	129463	19.451	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	157247	20.063	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	76634	20.310	ug/l	98
56) Ethyl methacrylate	10.445	69	92757	19.592	ug/l	98
57) 1,3-Dichloropropane	10.719	76	130592	20.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	222994	102.333	ug/l	100
59) 2-Hexanone	10.762	43	270736	109.528	ug/l	99
60) Dibromochloromethane	10.914	129	102850	20.328	ug/l	99
61) 1,2-Dibromoethane	11.018	107	68237	19.844	ug/l	99
64) Tetrachloroethene	10.652	164	132185	20.776	ug/l	100
65) Chlorobenzene	11.444	112	302724	20.400	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	103615	20.465	ug/l	99
67) Ethyl Benzene	11.524	91	509694	19.868	ug/l	100
68) m/p-Xylenes	11.633	106	395834	40.368	ug/l	100
69) o-Xylene	11.956	106	183484	20.006	ug/l	100
70) Styrene	11.969	104	301975	19.974	ug/l	100
71) Bromoform	12.133	173	59172	20.684	ug/l #	99
73) Isopropylbenzene	12.255	105	491743	19.636	ug/l	99
74) N-amyl acetate	12.072	43	99167	18.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	82087	20.316	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	112681	33.440	ug/l #	100
77) Bromobenzene	12.536	156	114849	19.747	ug/l	100
78) n-propylbenzene	12.597	91	594491	19.673	ug/l	100
79) 2-Chlorotoluene	12.682	91	334915	19.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	399888	19.652	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27694	19.684	ug/l	97
82) 4-Chlorotoluene	12.779	91	350508	19.700	ug/l	99
83) tert-Butylbenzene	12.999	119	354542	19.327	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	398588	19.773	ug/l	98
85) sec-Butylbenzene	13.176	105	536063	19.645	ug/l	99
86) p-Isopropyltoluene	13.292	119	446149	19.746	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	227498	19.415	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	228829	19.914	ug/l	99
89) n-Butylbenzene	13.621	91	401392	19.194	ug/l	99
90) Hexachloroethane	13.883	117	92741	19.566	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	200068	19.631	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12554	19.761	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	113247	18.742	ug/l	99
94) Hexachlorobutadiene	15.023	225	74221	19.578	ug/l	99
95) Naphthalene	15.145	128	179684	18.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	97141	18.839	ug/l	99

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QLast Update : Thu Dec 04 03:49:13 2025
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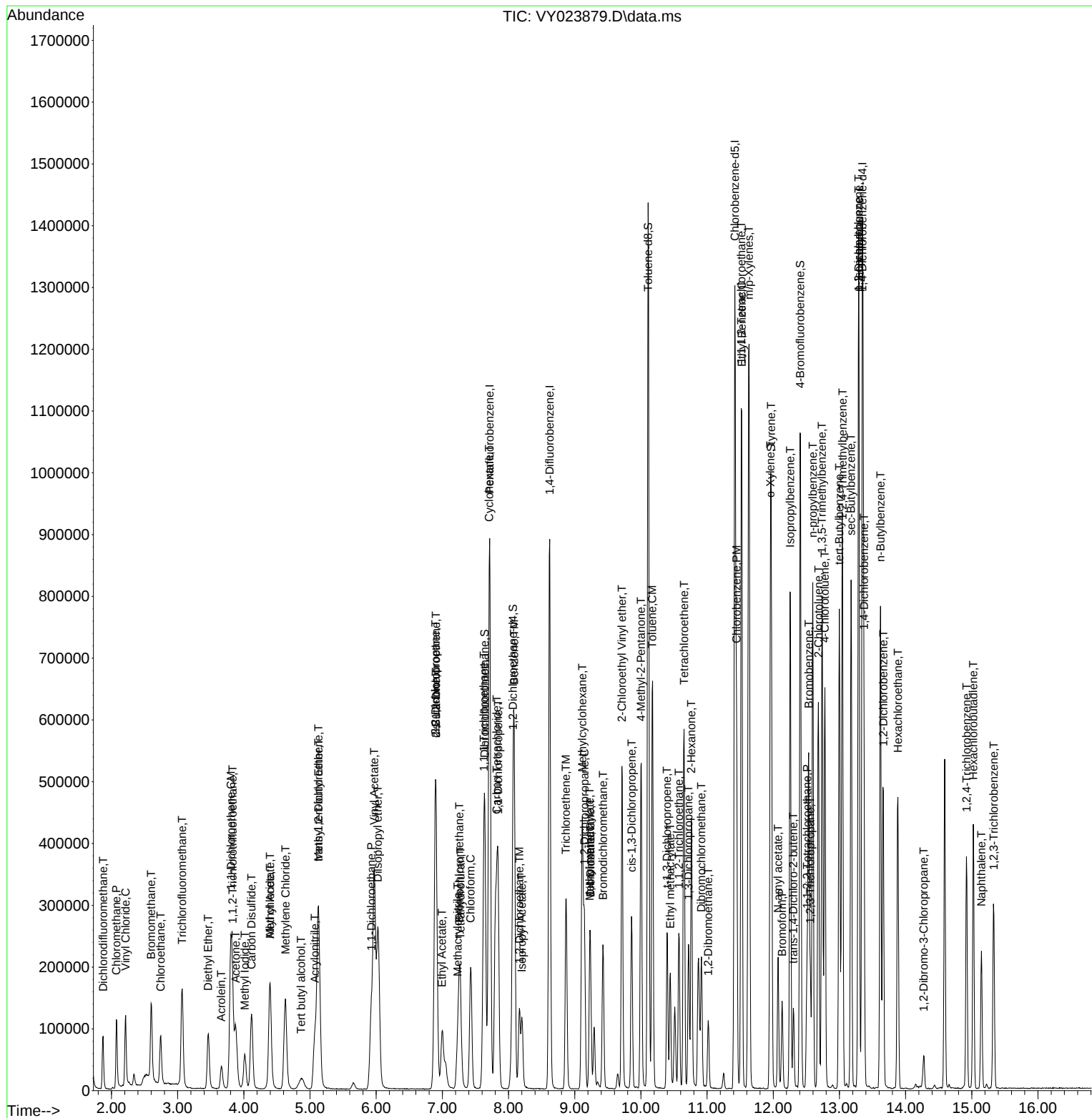
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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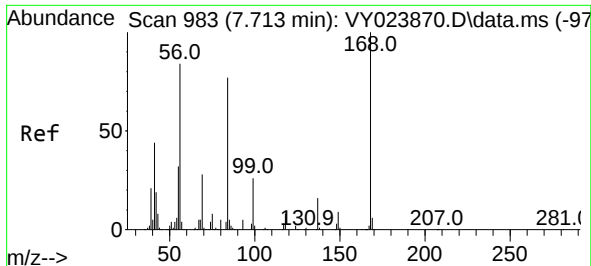
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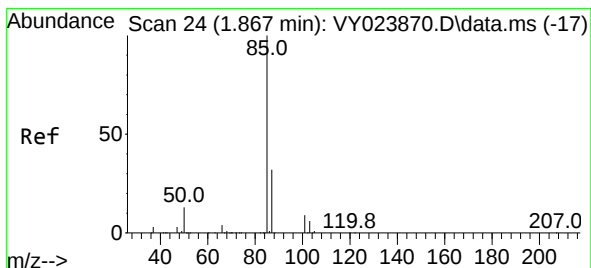
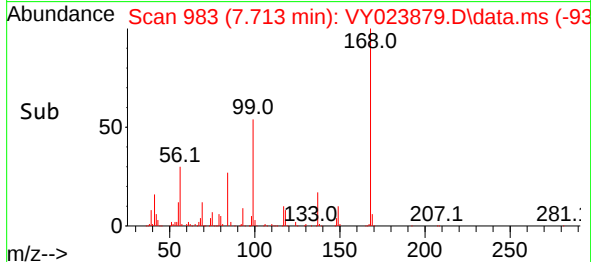
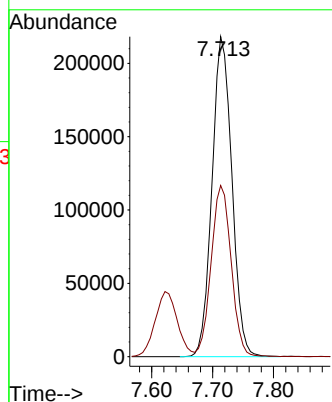
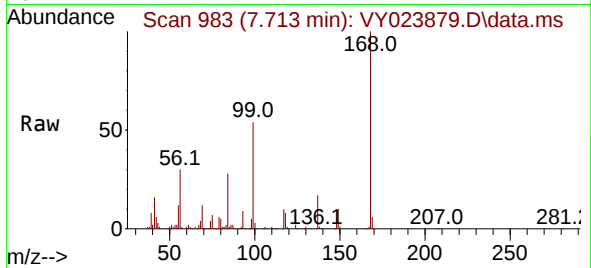




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023879.D
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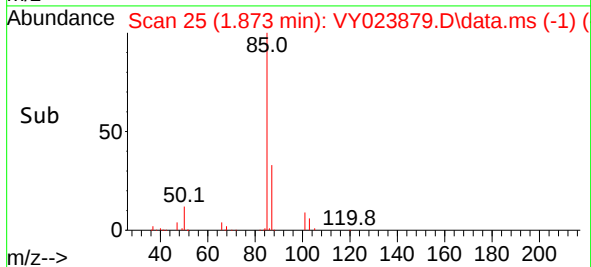
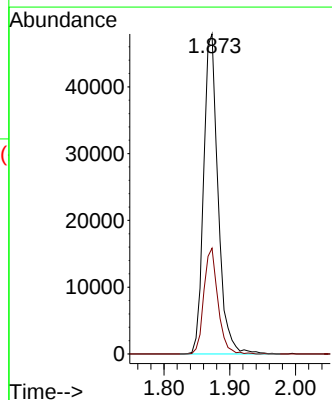
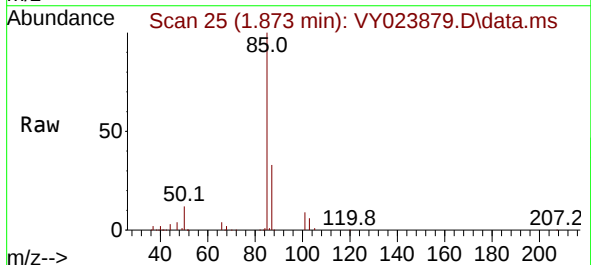
Instrument :
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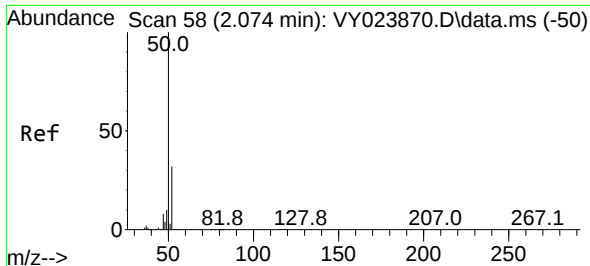
Tgt Ion:168 Resp: 494998
Ion Ratio Lower Upper
168 100
99 53.5 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 19.541 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 85 Resp: 73163
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.6

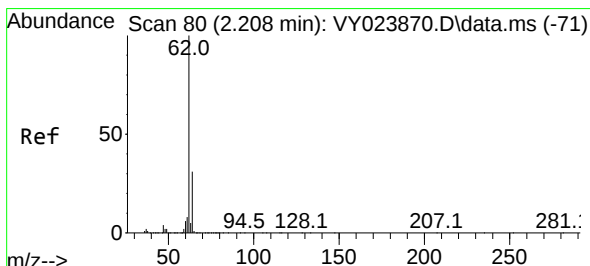
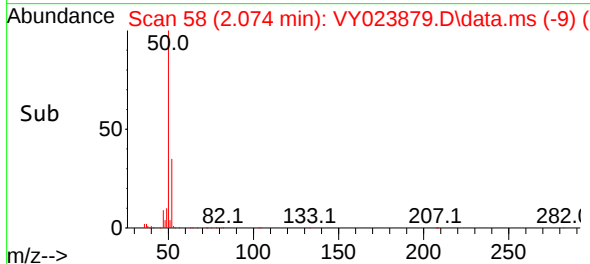
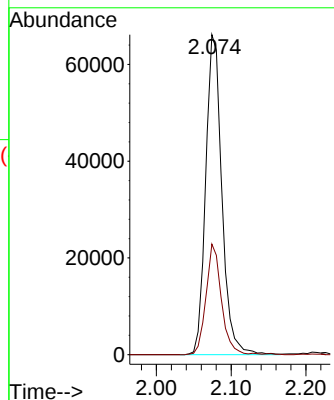
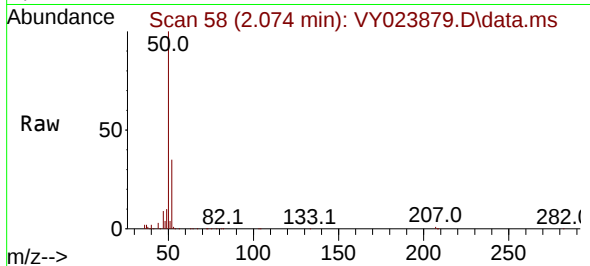




#3
Chloromethane
Concen: 18.619 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

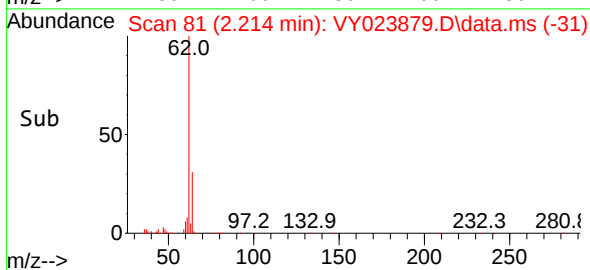
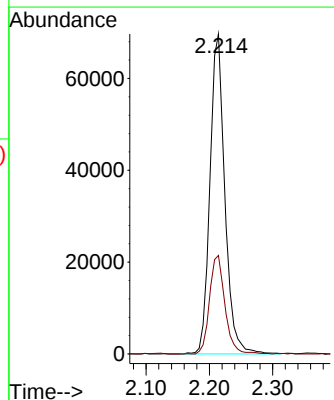
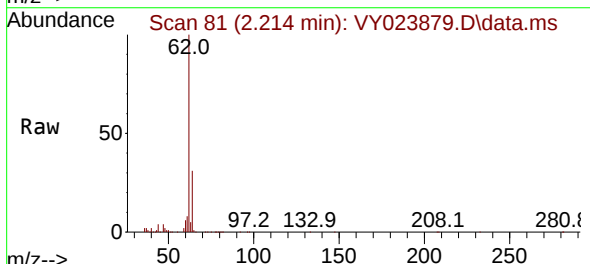
Instrument :
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ClientSampleId :
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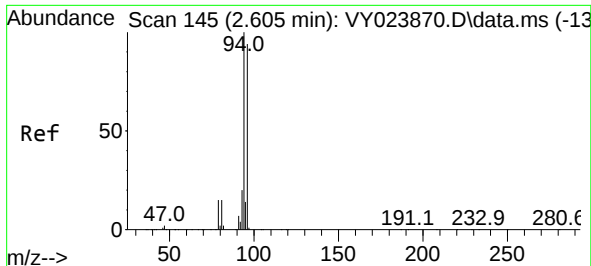
Tgt Ion: 50 Resp: 99439
Ion Ratio Lower Upper
50 100
52 34.5 25.2 37.8



#4
Vinyl Chloride
Concen: 18.719 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 62 Resp: 114041
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7

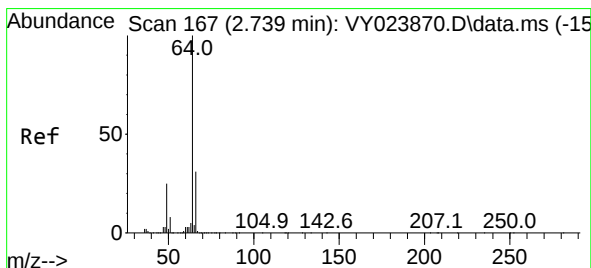
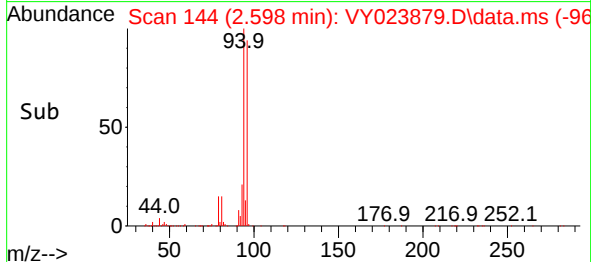
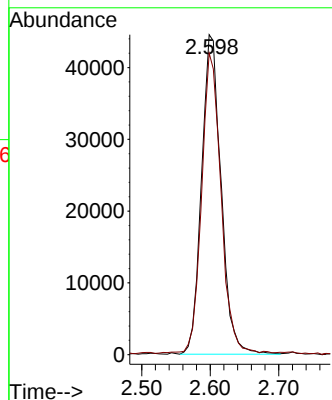
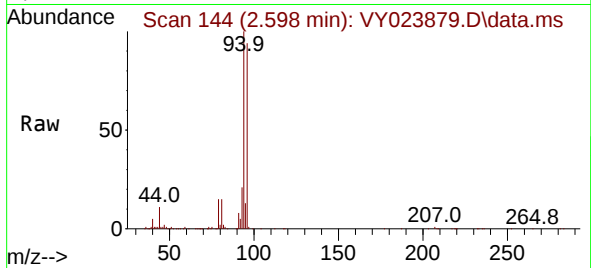




#5
Bromomethane
Concen: 20.118 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

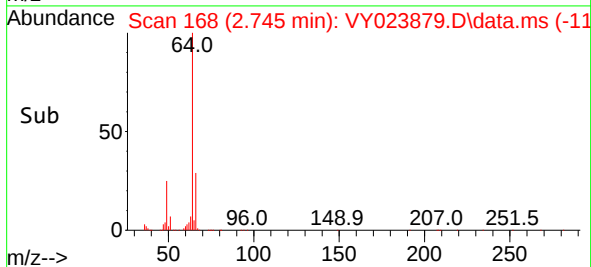
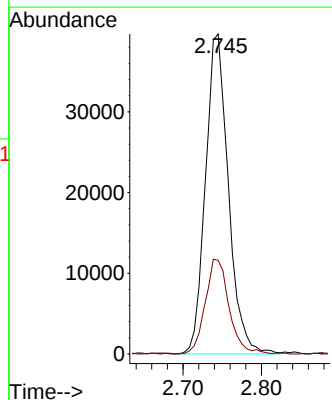
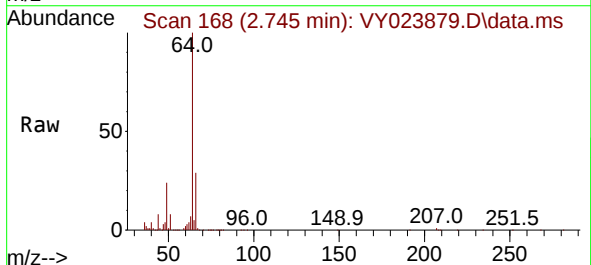
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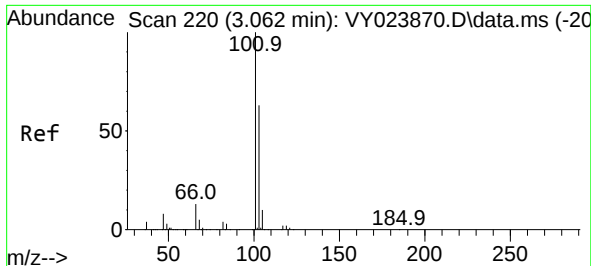
Tgt Ion: 94 Resp: 88493
Ion Ratio Lower Upper
94 100
96 93.7 75.2 112.8



#6
Chloroethane
Concen: 19.499 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 64 Resp: 80539
Ion Ratio Lower Upper
64 100
66 29.0 24.8 37.2

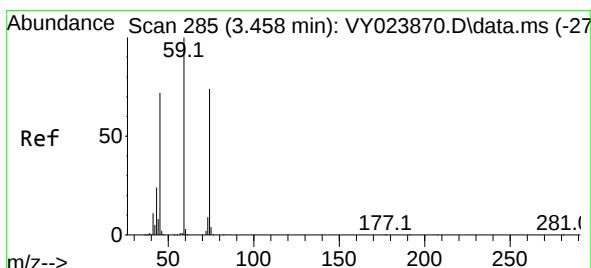
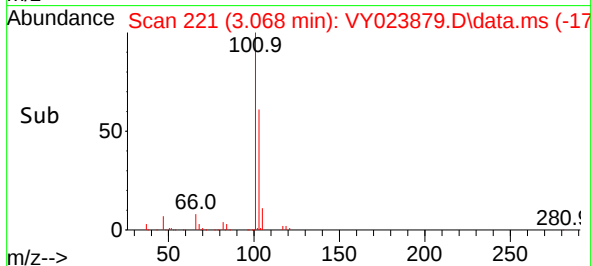
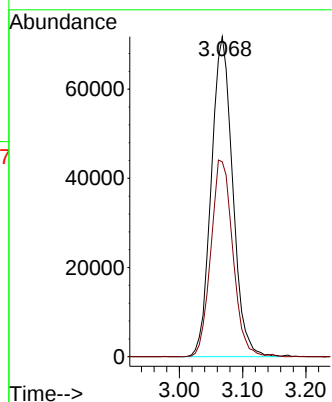
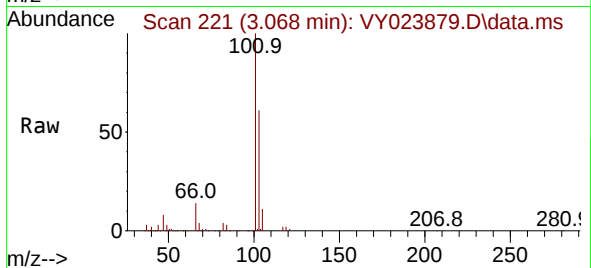




#7
Trichlorofluoromethane
Concen: 19.803 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

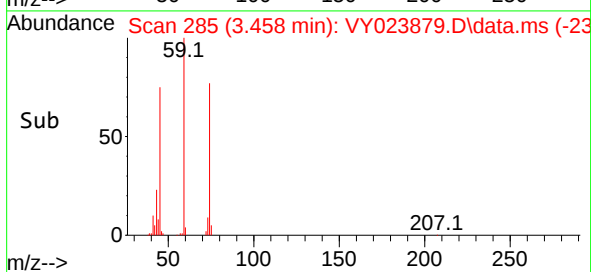
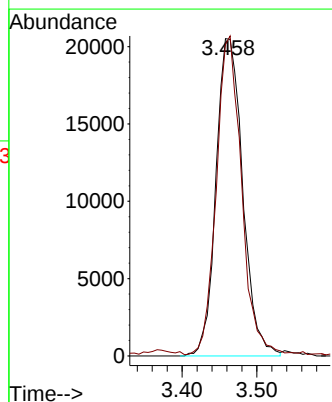
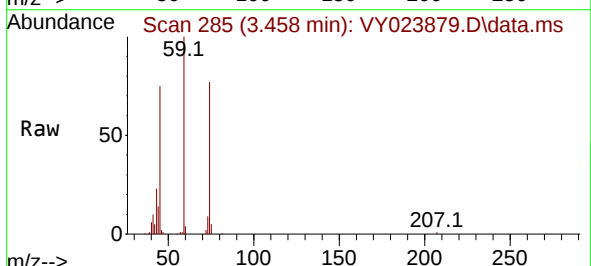
Instrument :
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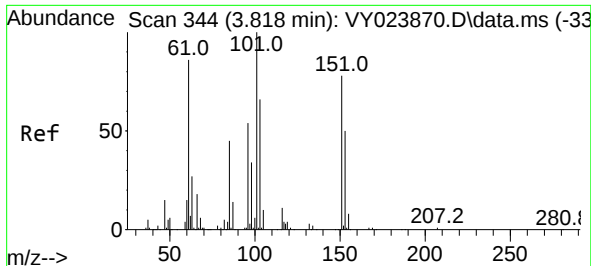
Tgt Ion:101 Resp: 168684
Ion Ratio Lower Upper
101 100
103 60.9 50.2 75.2



#8
Diethyl Ether
Concen: 19.974 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 74 Resp: 50973
Ion Ratio Lower Upper
74 100
45 94.4 48.4 145.3

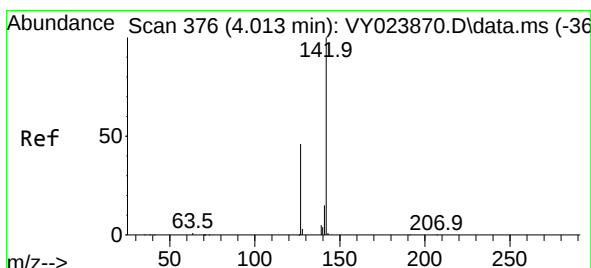
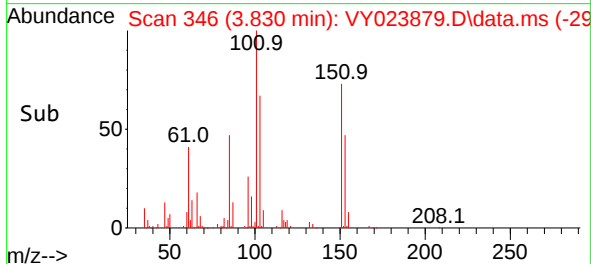
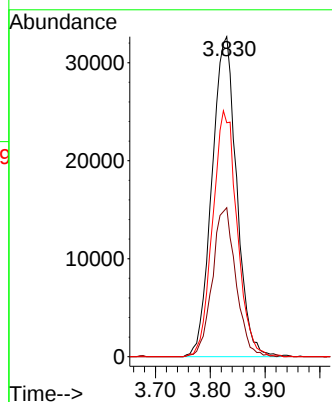
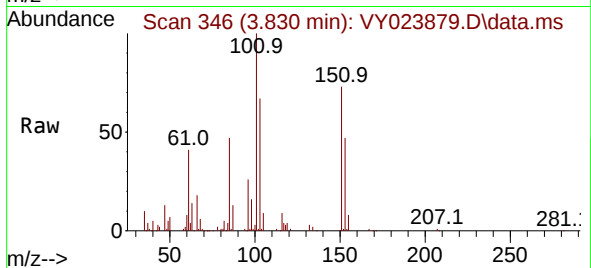




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.027 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

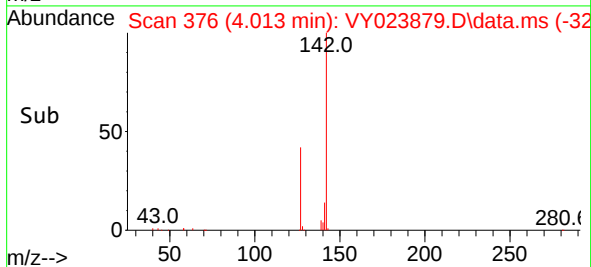
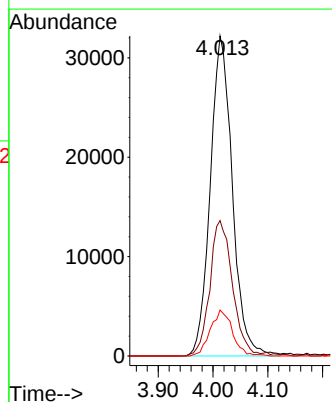
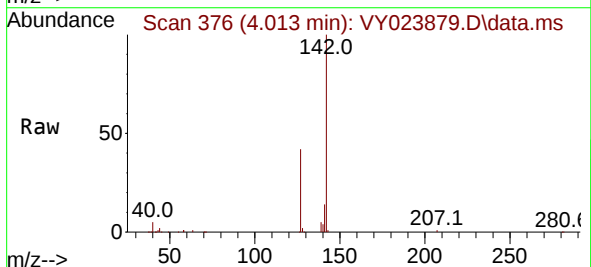
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

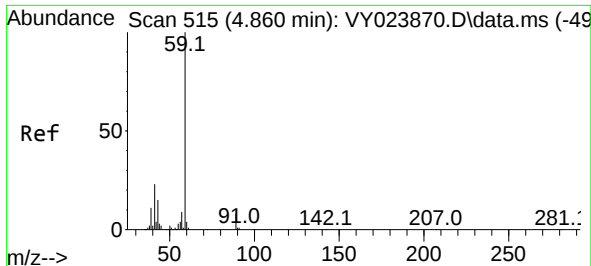
Tgt Ion:101 Resp: 102210
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.8
151 76.1 63.4 95.0



#10
Methyl Iodide
Concen: 17.570 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion:142 Resp: 90018
Ion Ratio Lower Upper
142 100
127 43.9 36.1 54.1
141 14.4 11.8 17.8

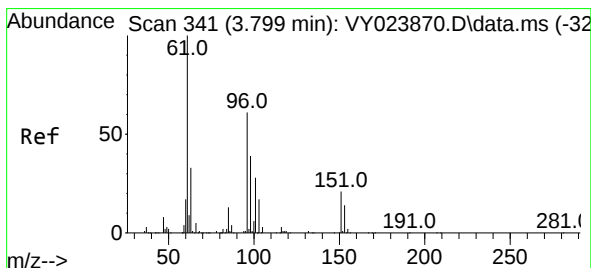
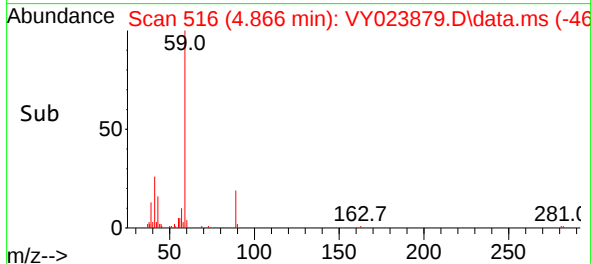
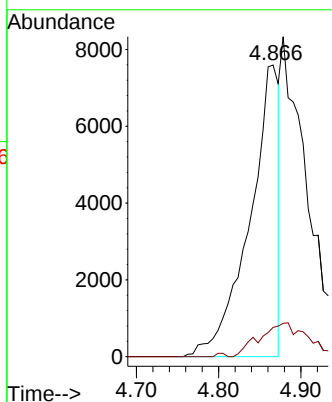
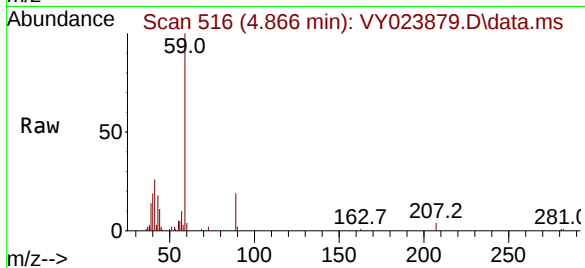




#11
Tert butyl alcohol
Concen: 42.559 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

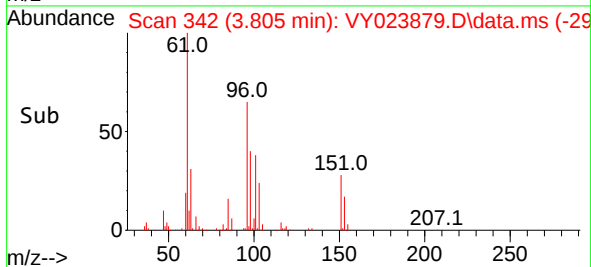
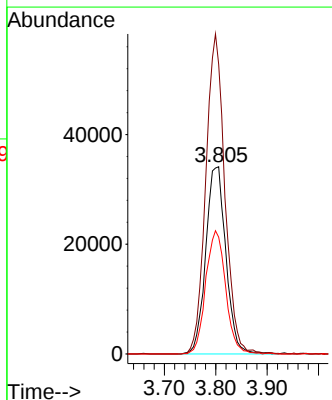
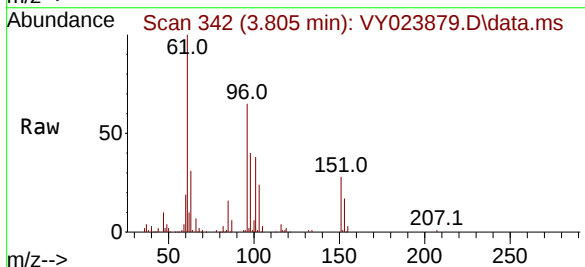
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

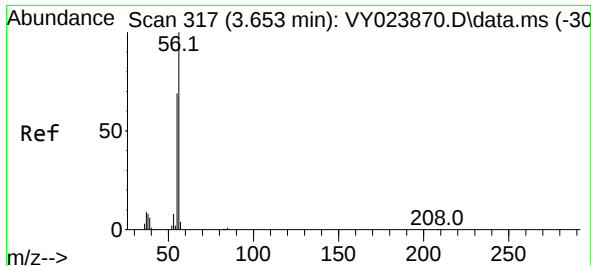
Tgt Ion: 59 Resp: 18840
Ion Ratio Lower Upper
59 100
57 19.3 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 19.480 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 96 Resp: 92891
Ion Ratio Lower Upper
96 100
61 154.8 131.2 196.8
98 62.4 51.3 76.9

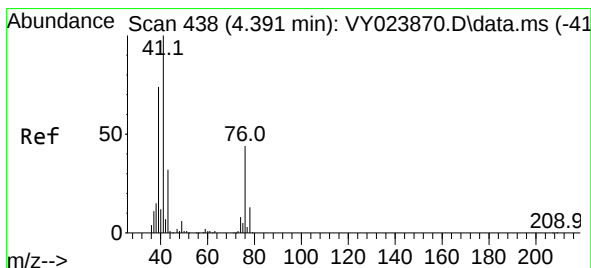
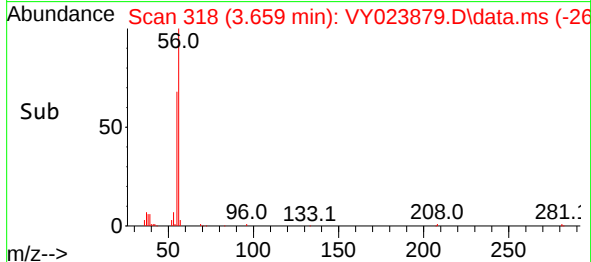
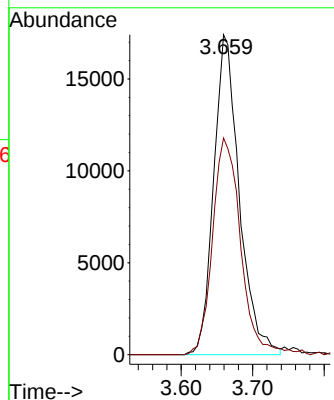
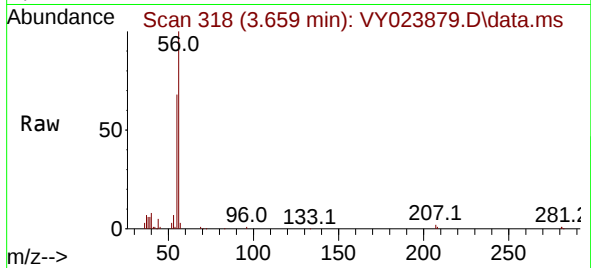




#13
Acrolein
Concen: 140.073 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

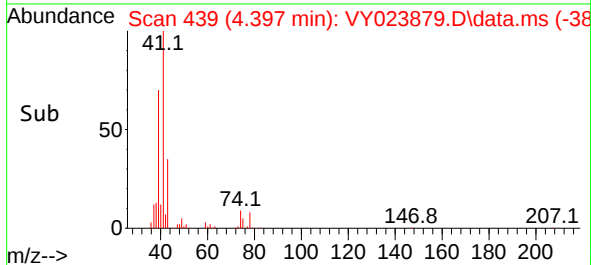
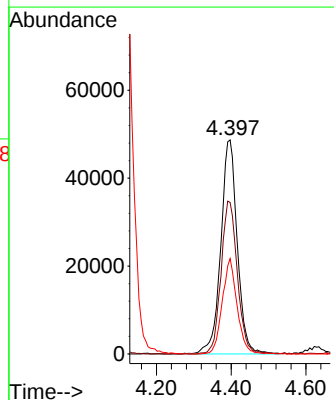
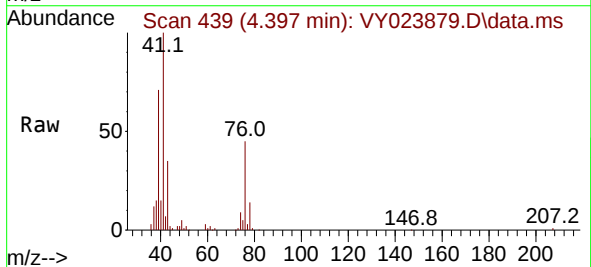
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

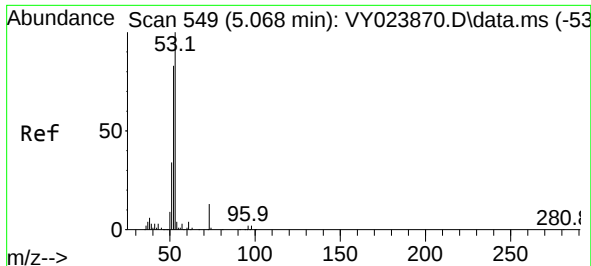
Tgt Ion: 56 Resp: 43302
Ion Ratio Lower Upper
56 100
55 74.3 59.0 88.6



#14
Allyl chloride
Concen: 19.623 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 41 Resp: 149606
Ion Ratio Lower Upper
41 100
39 70.6 57.4 86.0
76 39.7 30.8 46.2

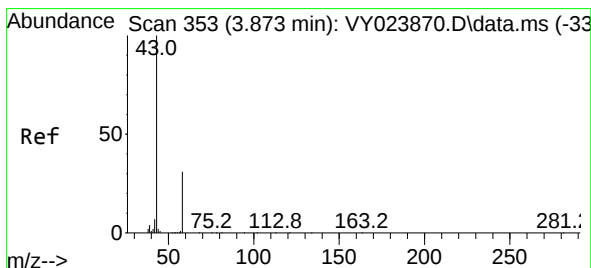
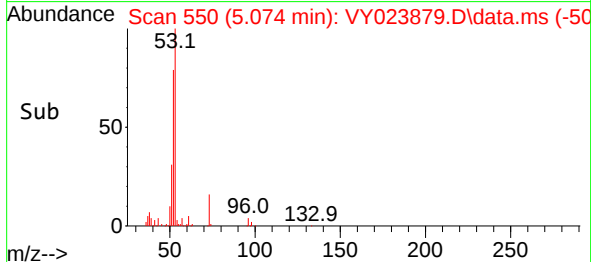
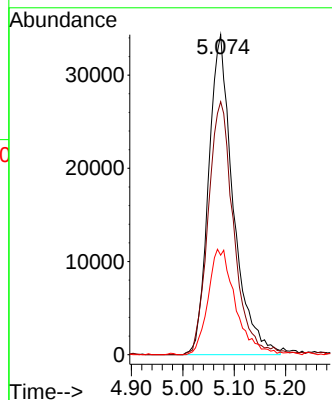
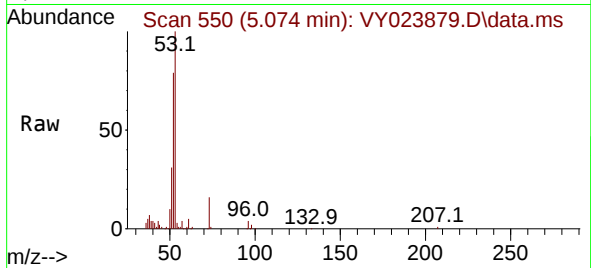




#15
Acrylonitrile
Concen: 102.945 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

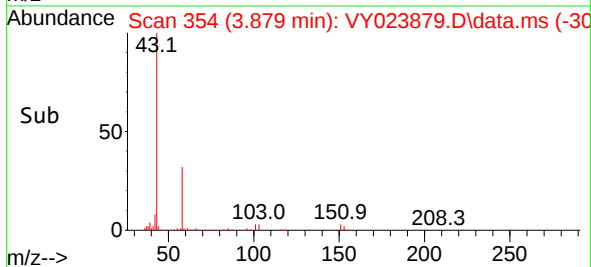
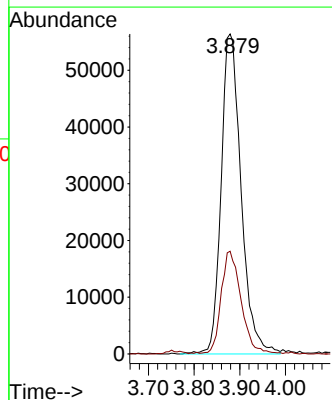
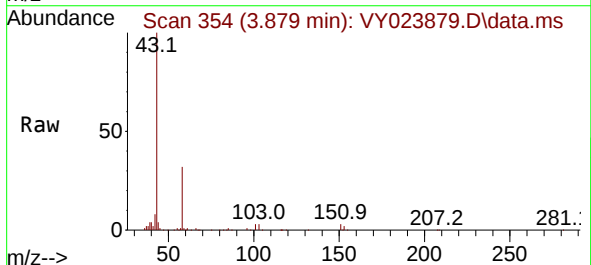
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

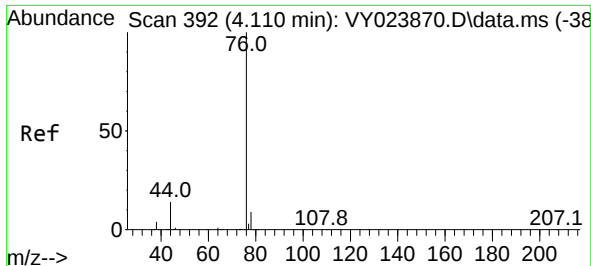
Tgt Ion: 53 Resp: 114340
Ion Ratio Lower Upper
53 100
52 82.1 65.1 97.7
51 36.6 29.5 44.3



#16
Acetone
Concen: 115.576 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 43 Resp: 171493
Ion Ratio Lower Upper
43 100
58 31.7 25.1 37.7

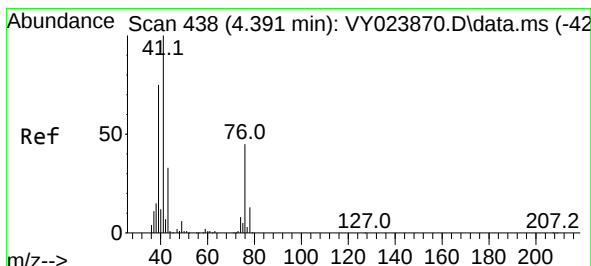
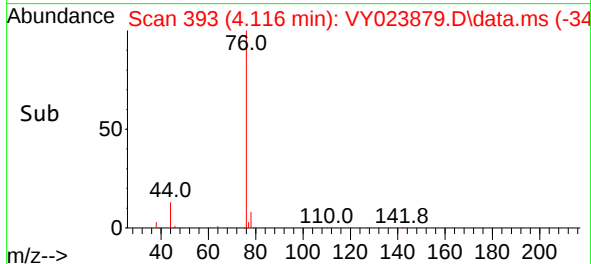
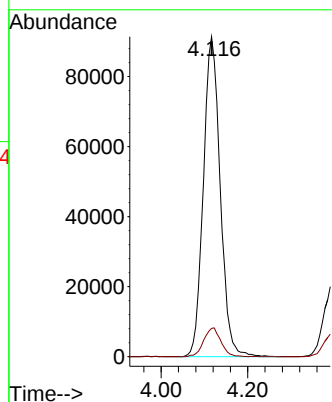
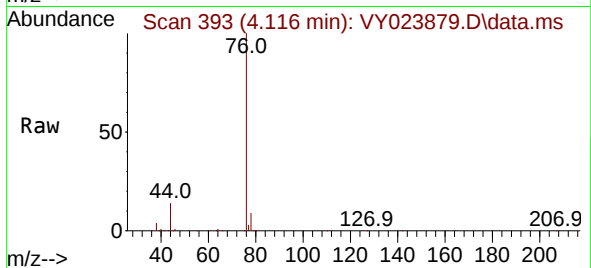




#17
Carbon Disulfide
Concen: 17.540 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

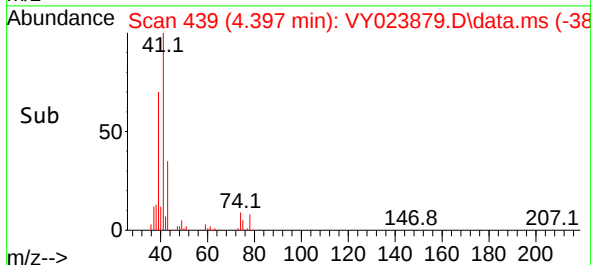
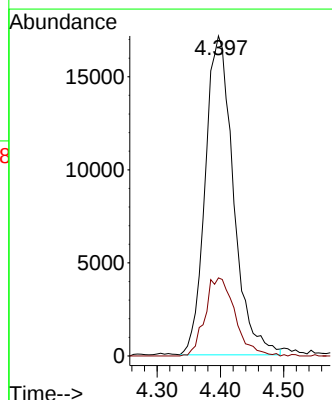
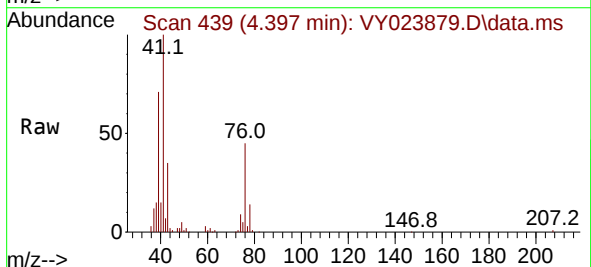
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

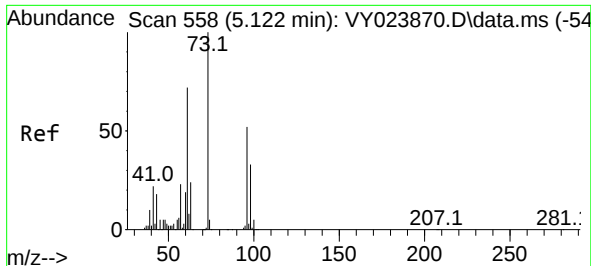
Tgt Ion: 76 Resp: 247128
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 21.071 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 43 Resp: 53033
Ion Ratio Lower Upper
43 100
74 26.0 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 20.359 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

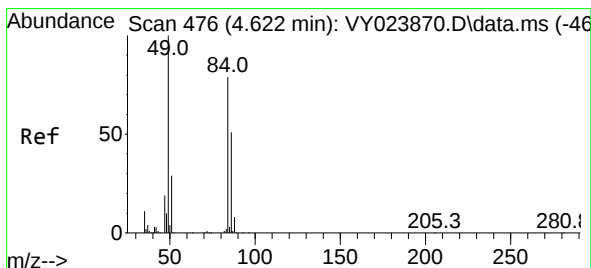
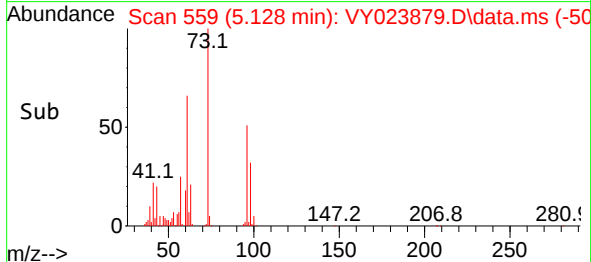
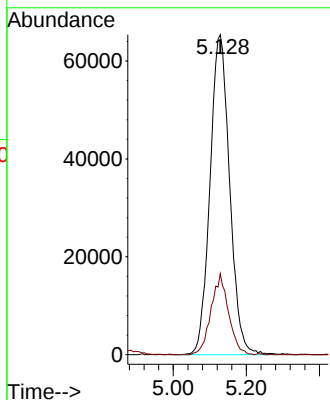
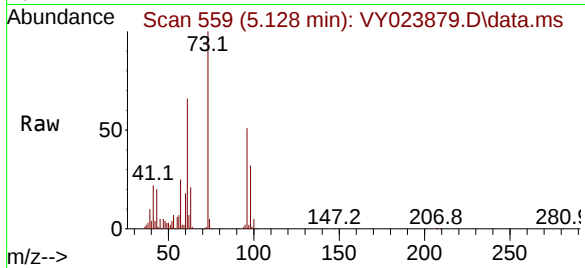
VY1204SBS01

Tgt Ion: 73 Resp: 243870

Ion Ratio Lower Upper

73 100

57 25.3 18.2 27.2



#20

Methylene Chloride

Concen: 18.513 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Tgt Ion: 84 Resp: 105233

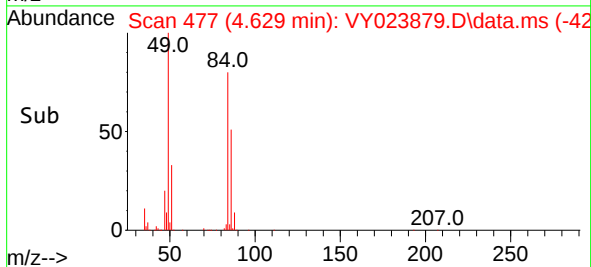
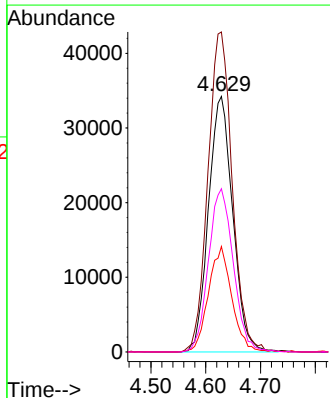
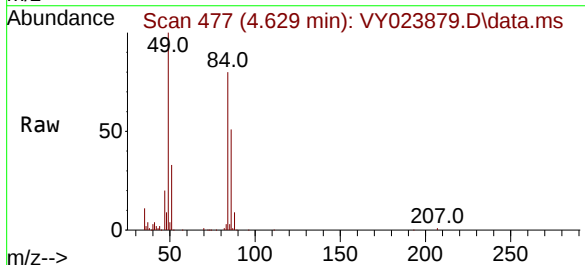
Ion Ratio Lower Upper

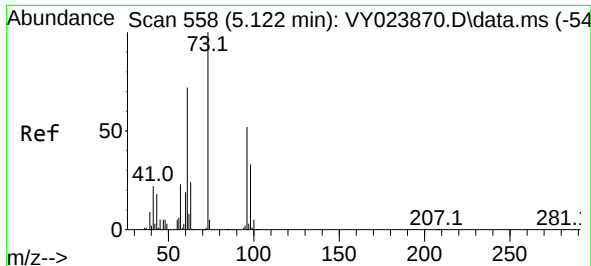
84 100

49 125.2 100.6 151.0

51 41.3 29.0 43.6

86 63.9 51.3 76.9

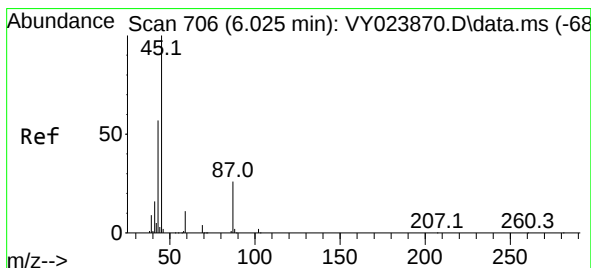
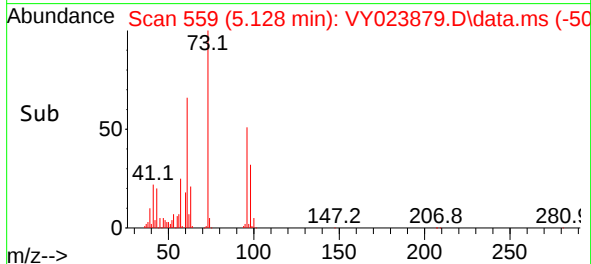
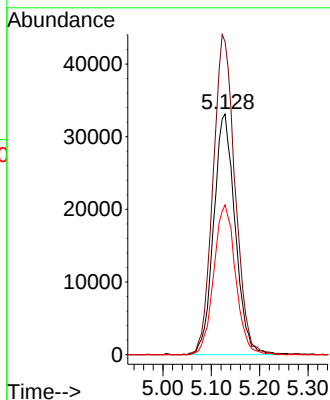
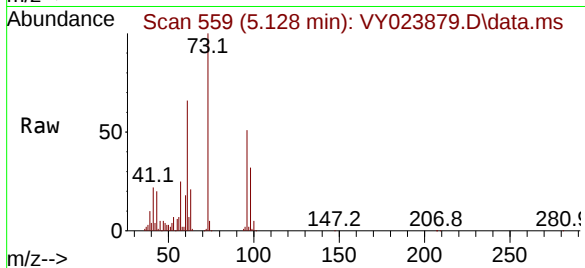




#21
trans-1,2-Dichloroethene
Concen: 19.439 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

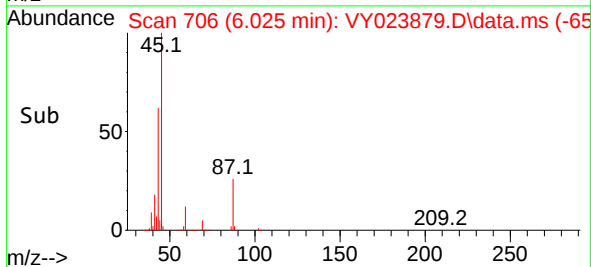
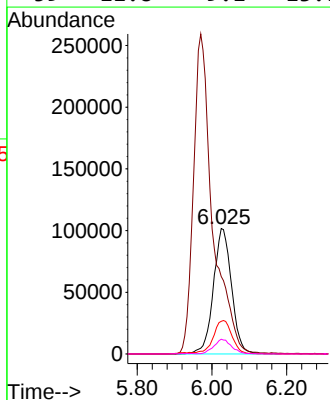
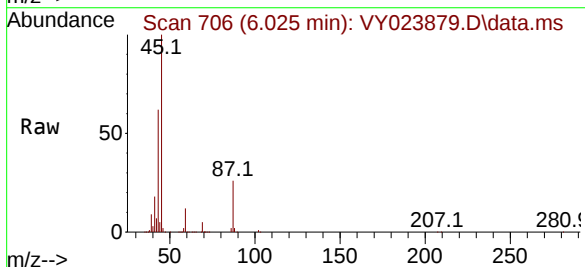
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

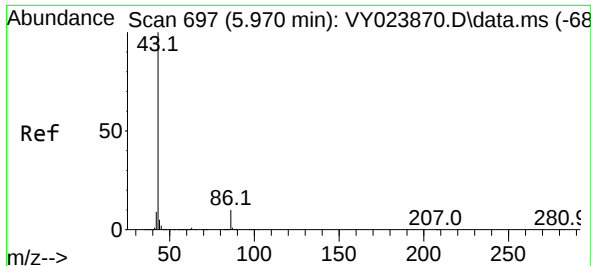
Tgt Ion: 96 Resp: 102275
Ion Ratio Lower Upper
96 100
61 130.2 111.7 167.5
98 62.2 51.5 77.3



#22
Diisopropyl ether
Concen: 20.450 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 45 Resp: 343295
Ion Ratio Lower Upper
45 100
43 61.1 45.5 68.3
87 26.0 20.7 31.1
59 11.8 9.1 13.7

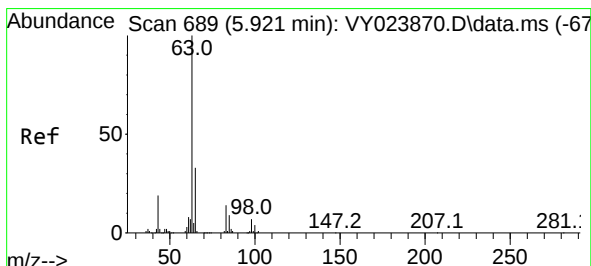
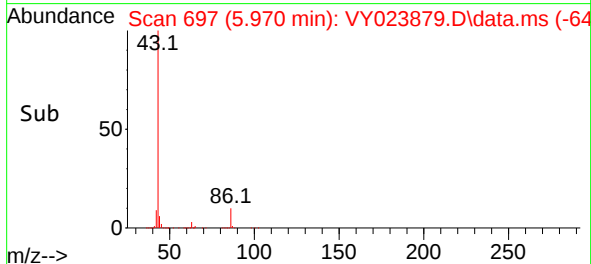
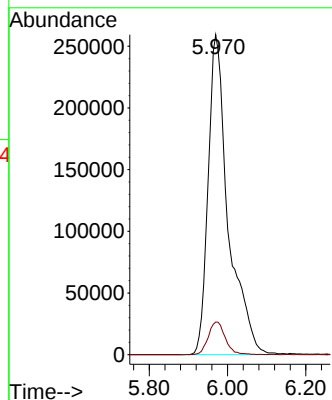
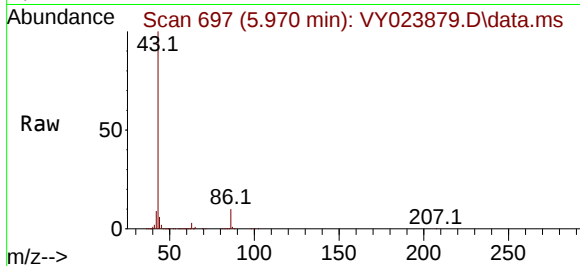




#23
 Vinyl Acetate
 Concen: 99.225 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023879.D
 Acq: 04 Dec 2025 09:04

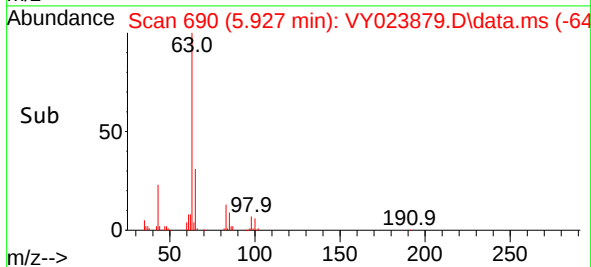
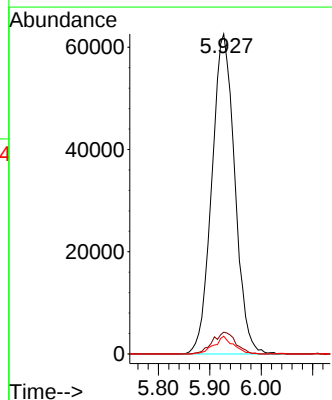
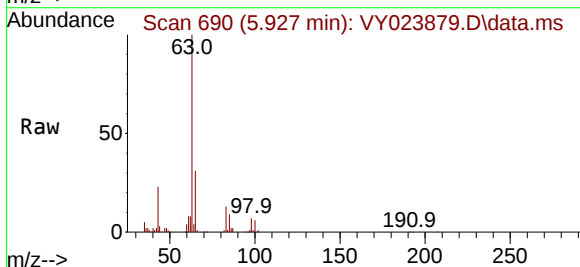
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

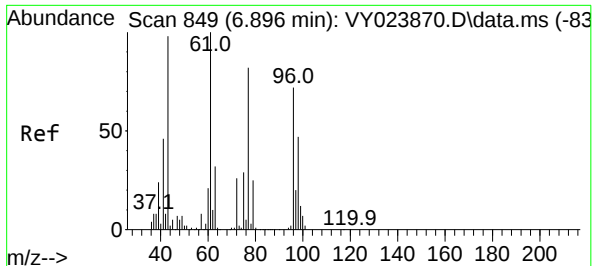
Tgt Ion: 43 Resp: 923319
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 20.003 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023879.D
 Acq: 04 Dec 2025 09:04

Tgt Ion: 63 Resp: 194013
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 5.6 2.2 6.6

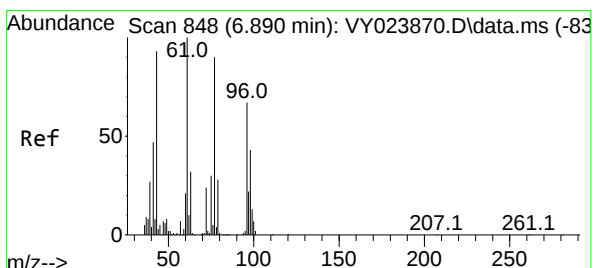
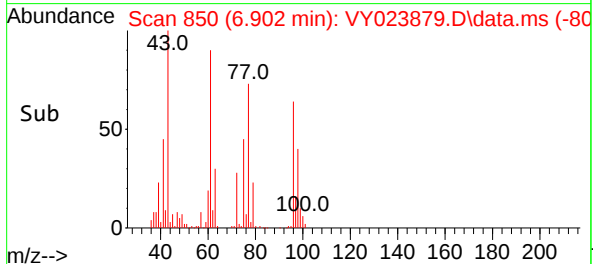
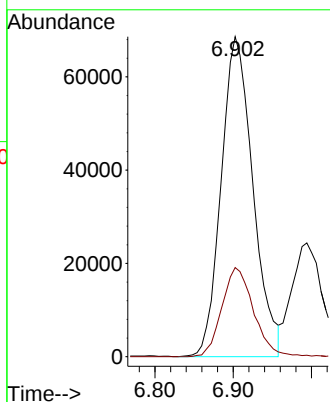
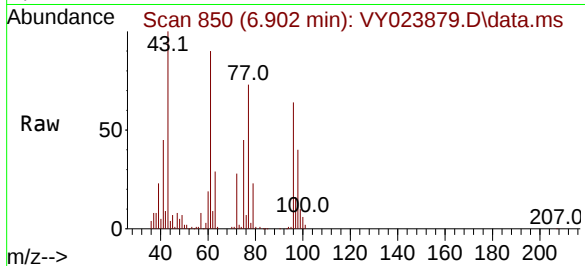




#25
2-Butanone
Concen: 108.146 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

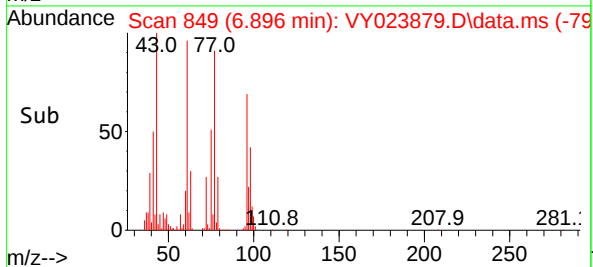
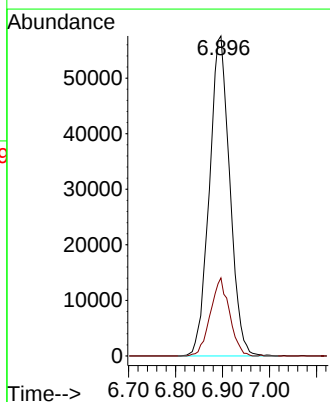
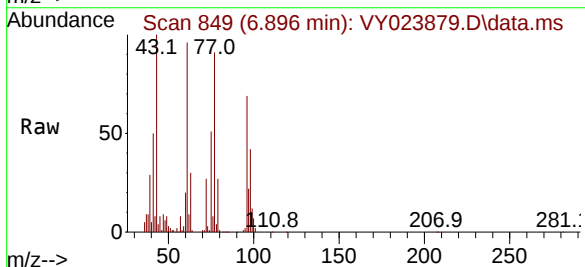
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

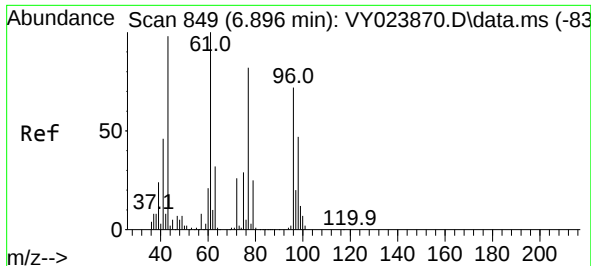
Tgt Ion: 43 Resp: 193445
Ion Ratio Lower Upper
43 100
72 27.9 21.0 31.6



#26
2,2-Dichloropropane
Concen: 19.510 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 77 Resp: 173438
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.8

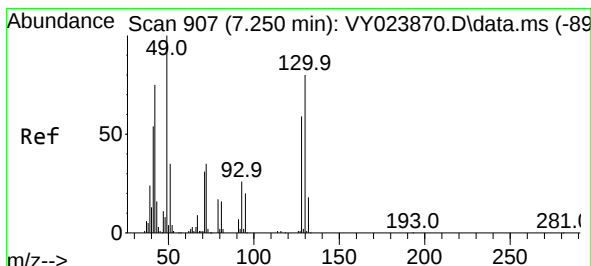
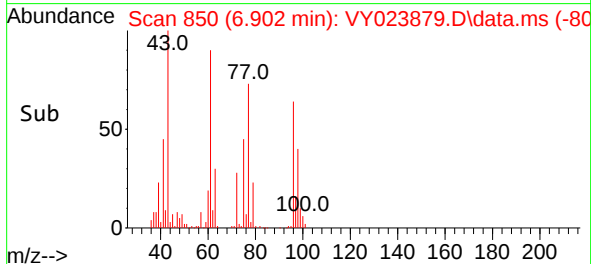
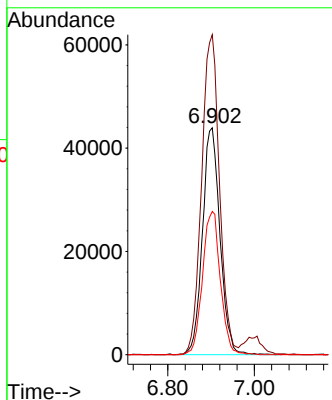
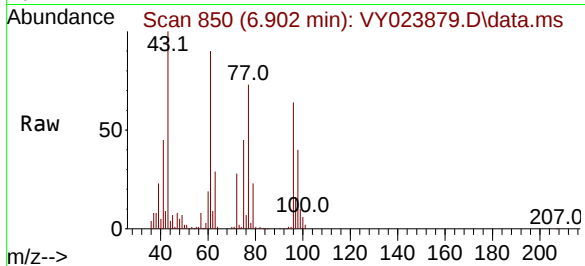




#27
 cis-1,2-Dichloroethene
 Concen: 20.202 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY023879.D
 Acq: 04 Dec 2025 09:04

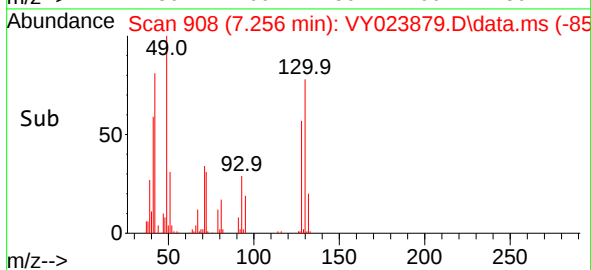
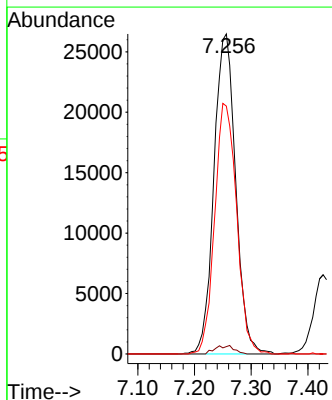
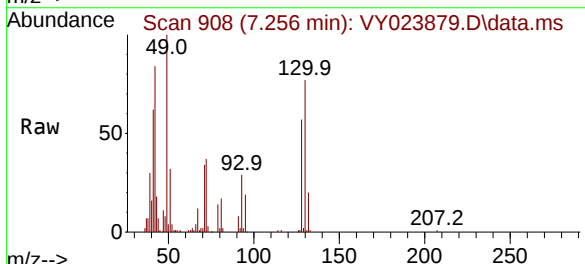
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

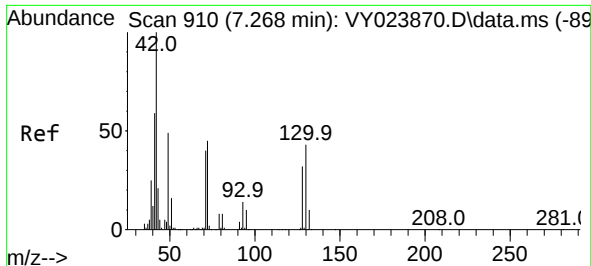
Tgt Ion: 96 Resp: 123418
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 292.8
 98 64.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.003 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY023879.D
 Acq: 04 Dec 2025 09:04

Tgt Ion: 49 Resp: 70427
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.2
 130 79.2 61.0 91.6

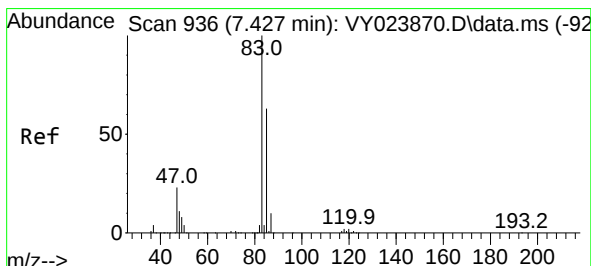
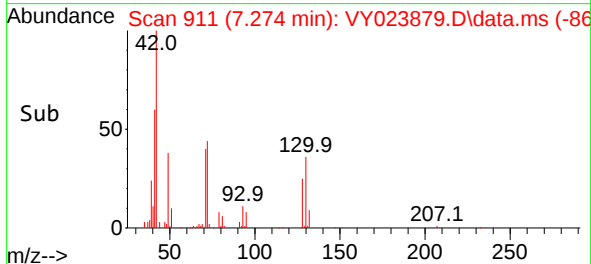
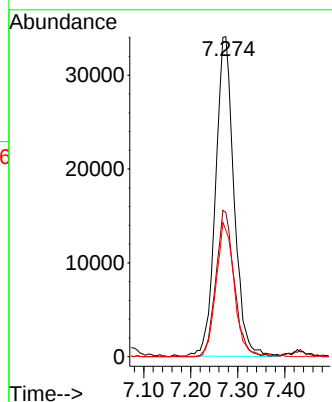
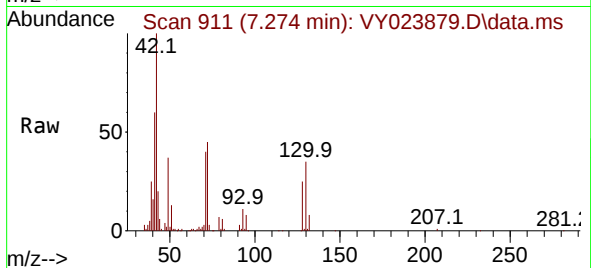




#29
Tetrahydrofuran
Concen: 100.717 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

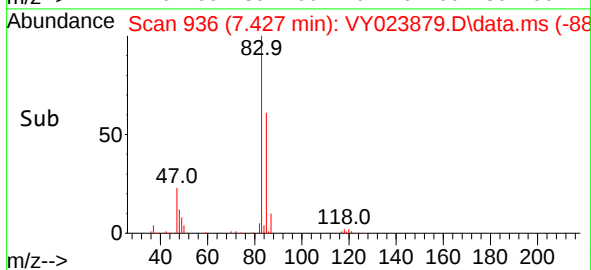
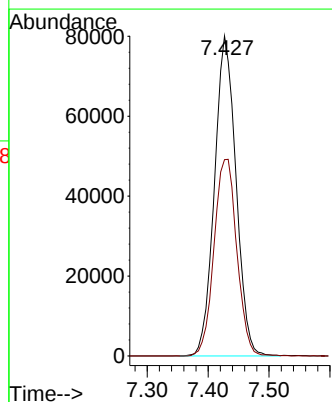
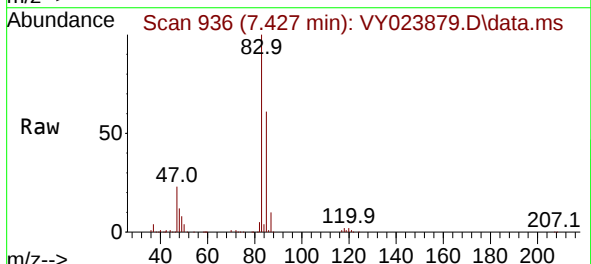
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

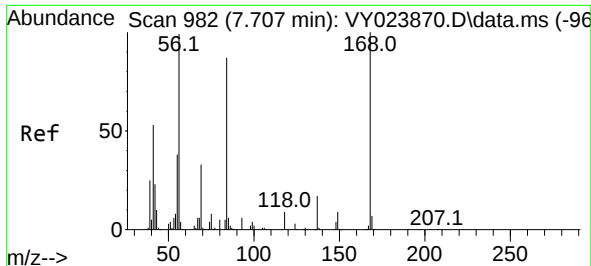
Tgt Ion: 42 Resp: 93171
Ion Ratio Lower Upper
42 100
72 45.3 35.6 53.4
71 41.0 32.5 48.7



#30
Chloroform
Concen: 20.061 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 83 Resp: 196617
Ion Ratio Lower Upper
83 100
85 61.3 50.6 76.0

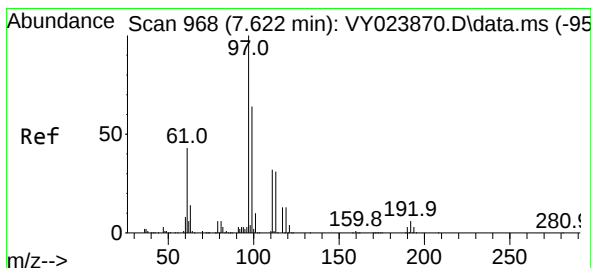
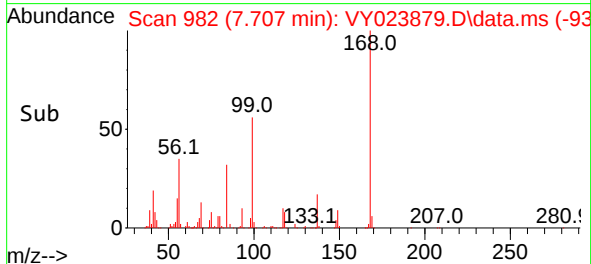
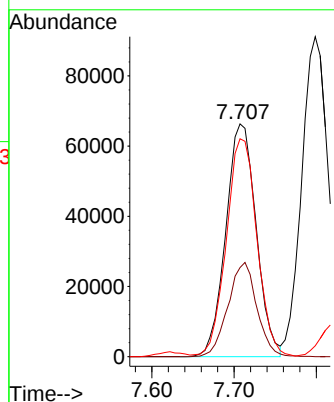
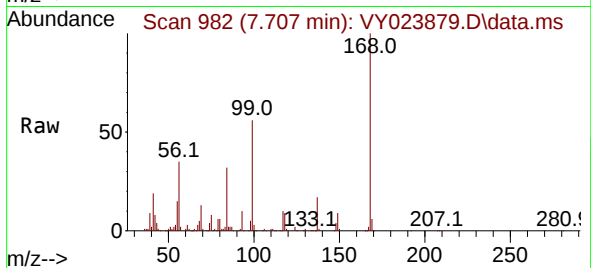




#31
Cyclohexane
Concen: 18.384 ug/l
RT: 7.707 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

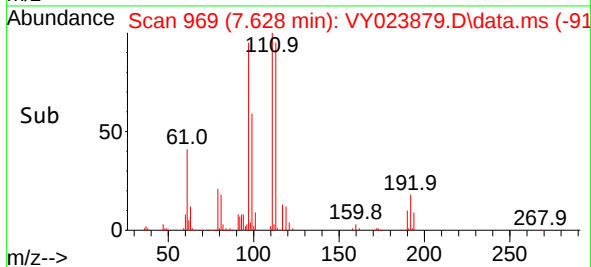
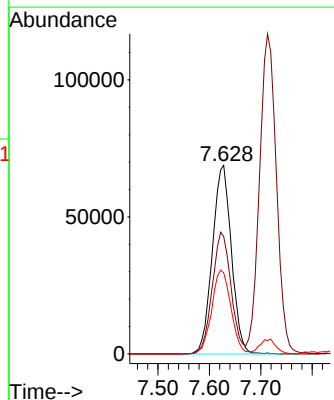
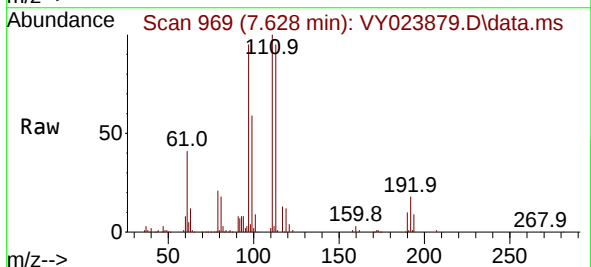
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

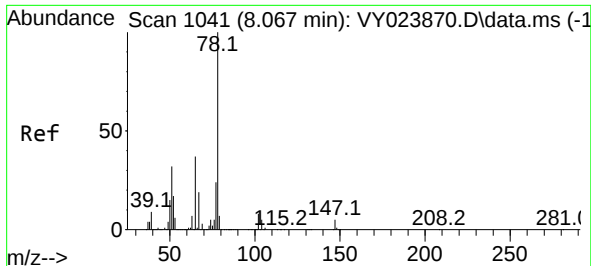
Tgt Ion: 56 Resp: 170487
Ion Ratio Lower Upper
56 100
69 38.2 26.8 40.2
84 92.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 20.012 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 97 Resp: 177055
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 48.830 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

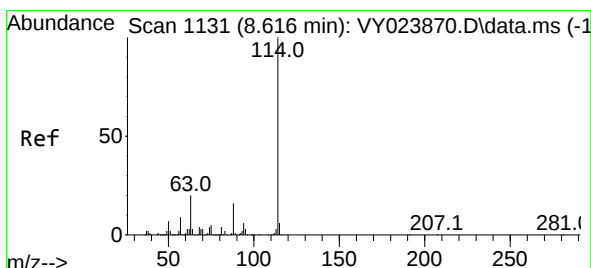
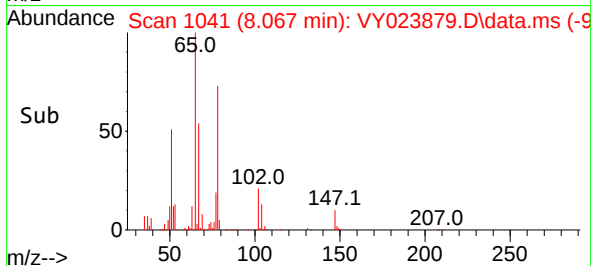
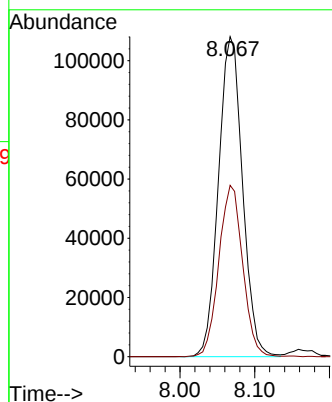
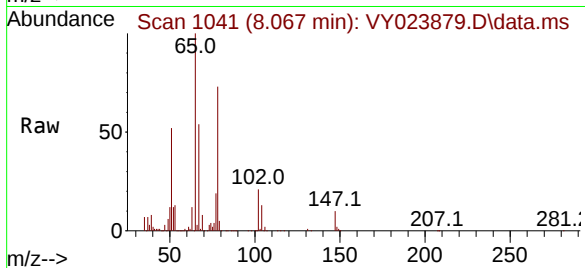
VY1204SBS01

Tgt Ion: 65 Resp: 241797

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

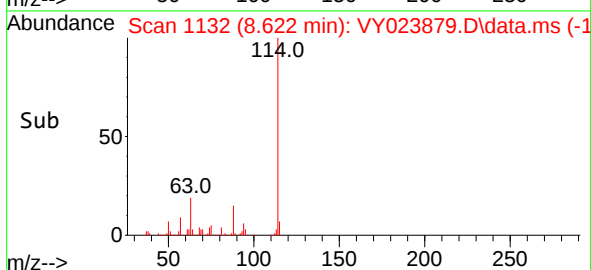
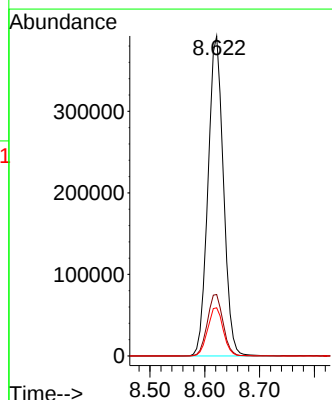
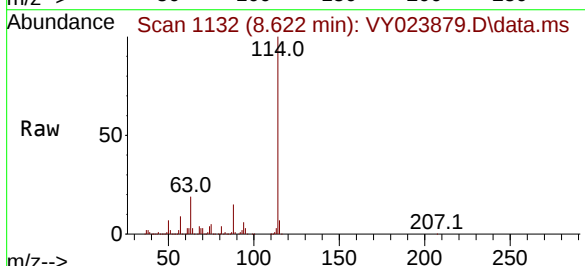
Tgt Ion:114 Resp: 762810

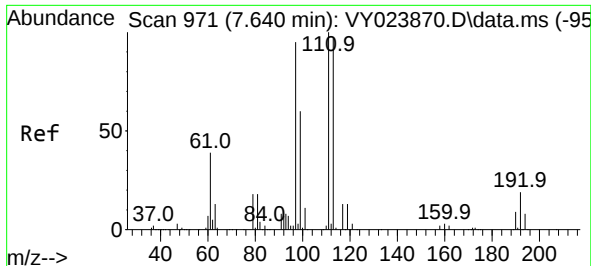
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.1 0.0 31.4

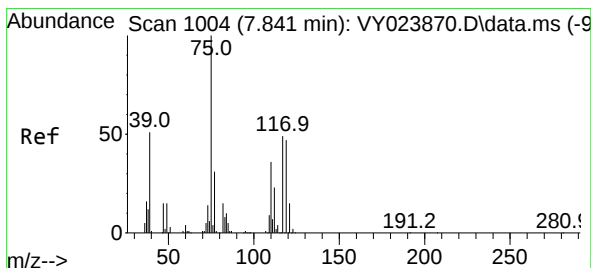
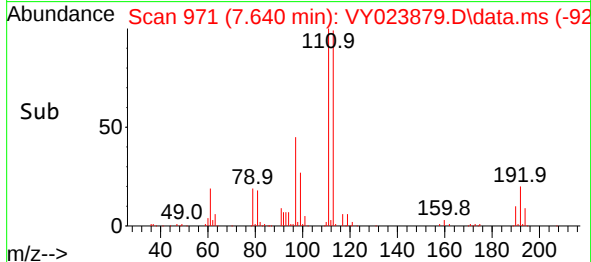
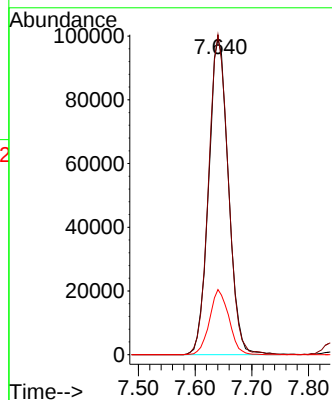
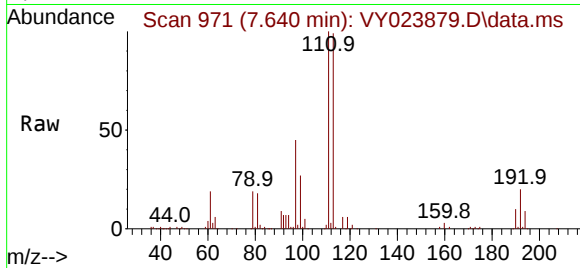




#35
Dibromofluoromethane
Concen: 49.227 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

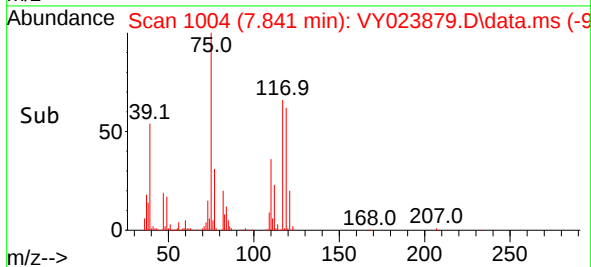
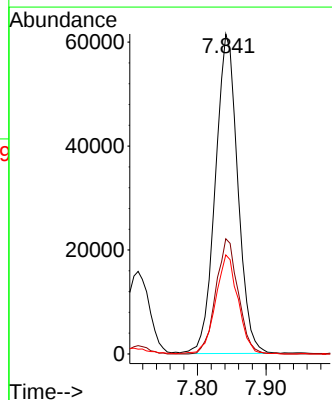
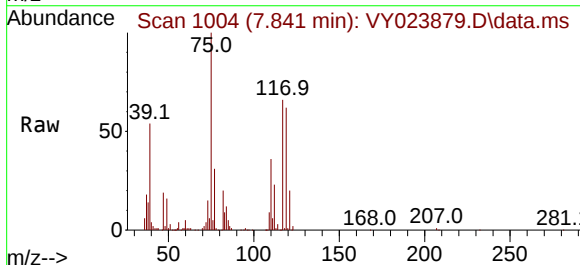
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

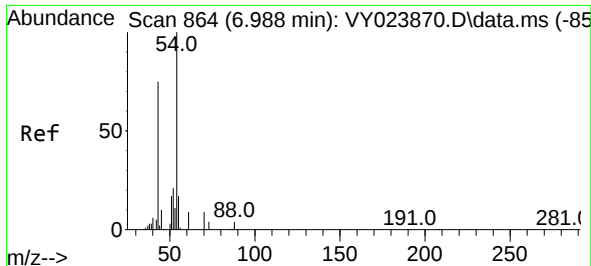
Tgt Ion:113 Resp: 240840
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 20.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 19.335 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 75 Resp: 139487
Ion Ratio Lower Upper
75 100
110 35.7 17.6 52.9
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 20.875 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

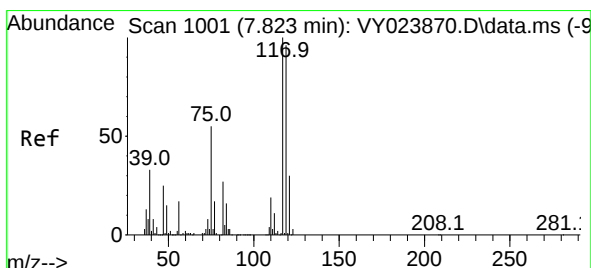
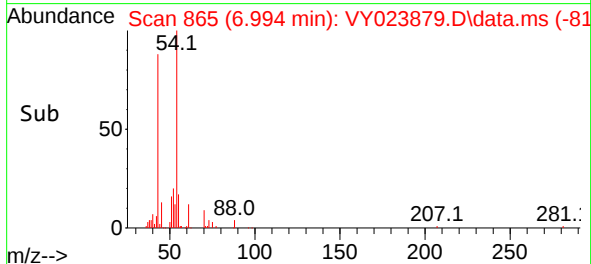
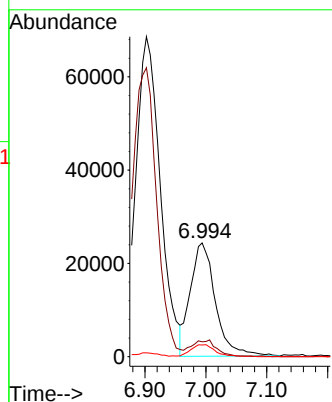
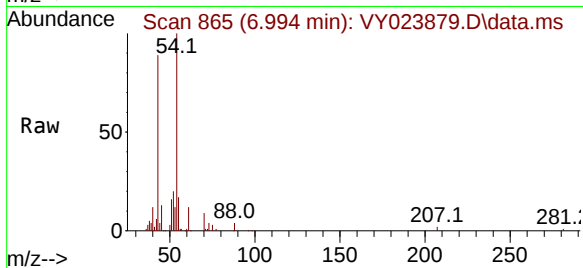
Tgt Ion: 43 Resp: 69541

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.4

70 10.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.175 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

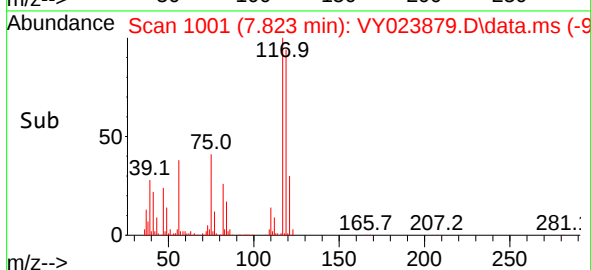
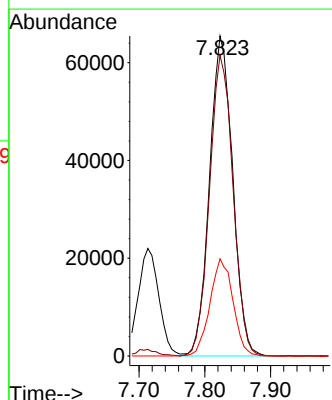
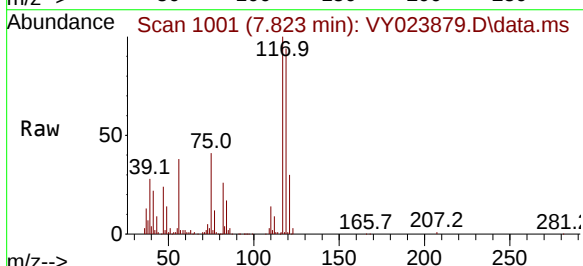
Tgt Ion: 117 Resp: 160633

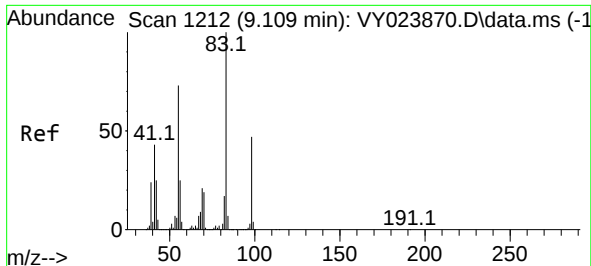
Ion Ratio Lower Upper

117 100

119 94.0 77.0 115.6

121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 18.348 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

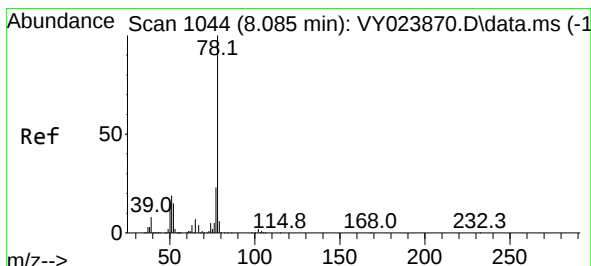
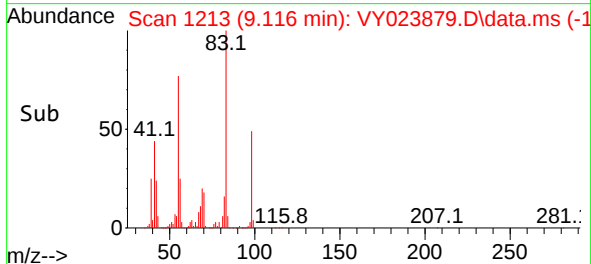
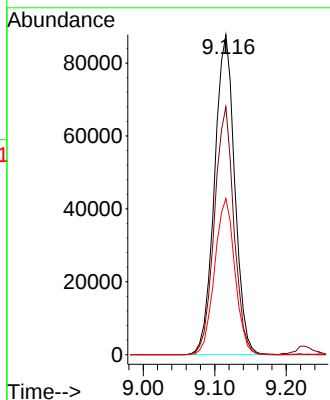
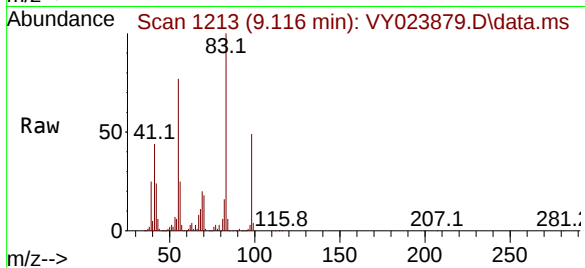
Tgt Ion: 83 Resp: 172300

Ion Ratio Lower Upper

83 100

55 77.4 58.8 88.2

98 48.8 37.8 56.6



#40

Benzene

Concen: 19.802 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023879.D

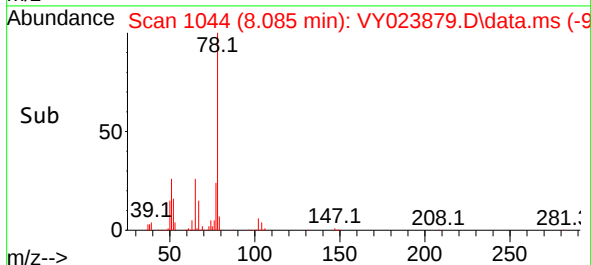
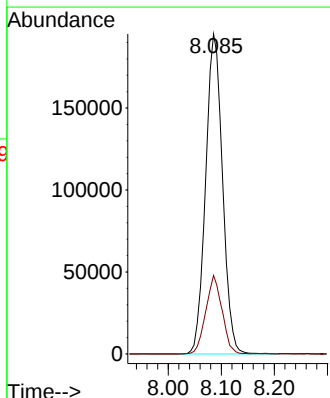
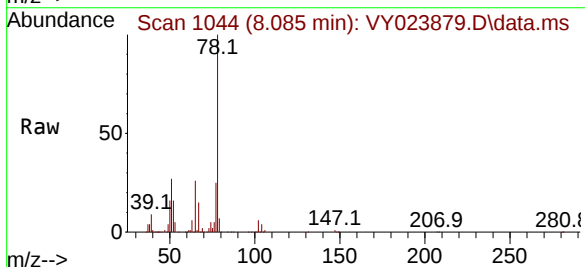
Acq: 04 Dec 2025 09:04

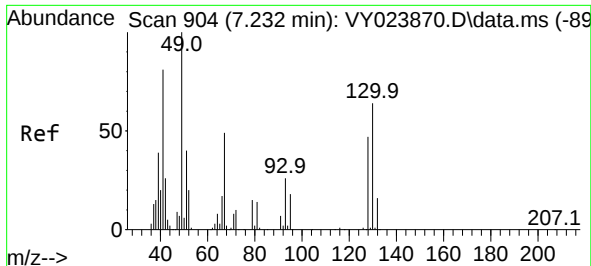
Tgt Ion: 78 Resp: 431782

Ion Ratio Lower Upper

78 100

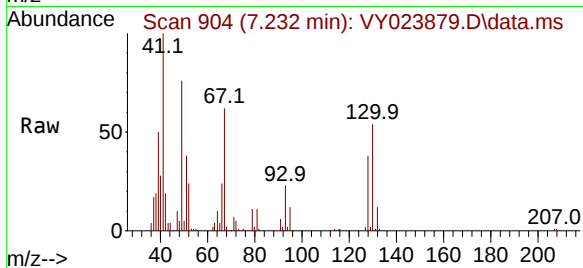
77 24.5 18.6 28.0



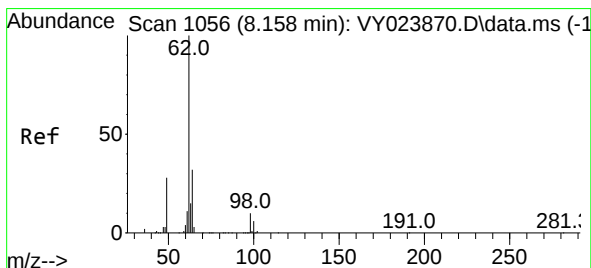
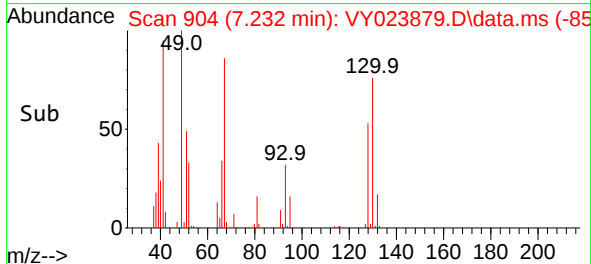
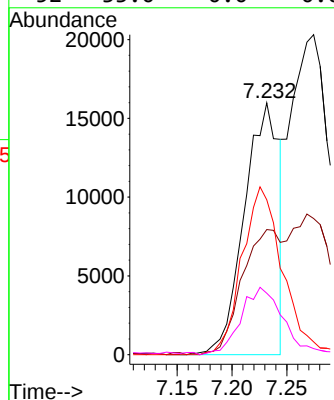


#41
Methacrylonitrile
Concen: 20.630 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

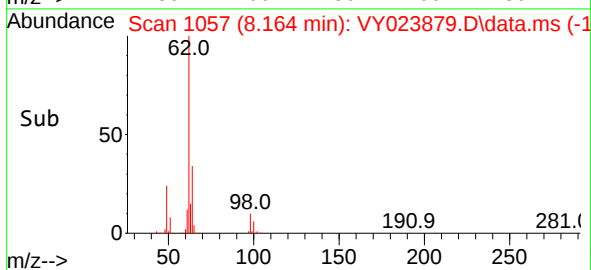
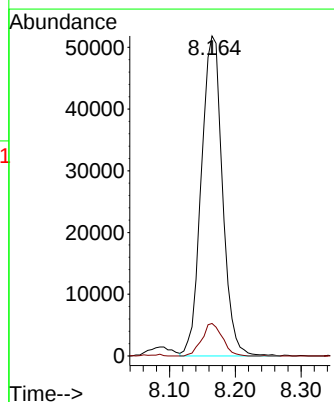
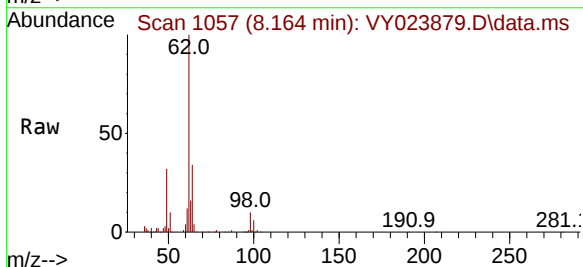


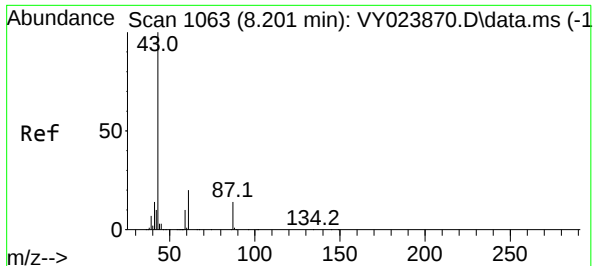
Tgt Ion: 41 Resp: 35426
Ion Ratio Lower Upper
41 100
39 54.4 49.4 74.2
67 78.1 0.0 0.0#
52 33.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.387 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 62 Resp: 116006
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2

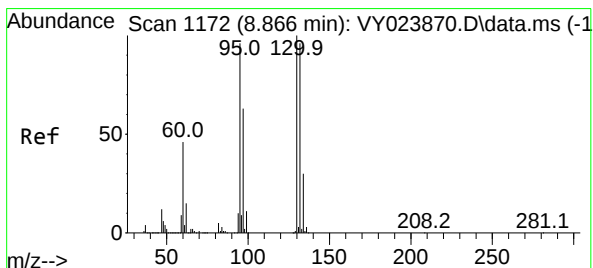
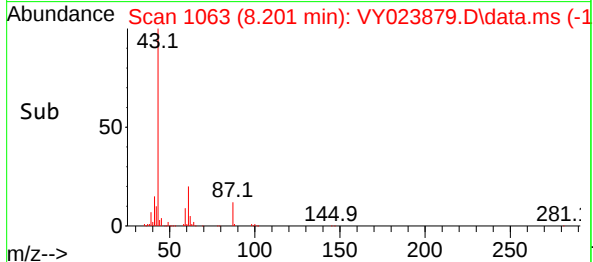
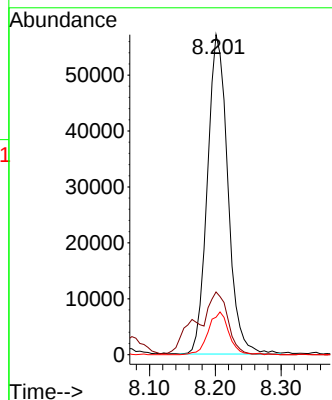
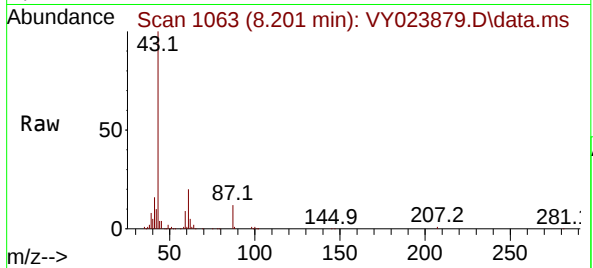




#43
Isopropyl Acetate
Concen: 19.836 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

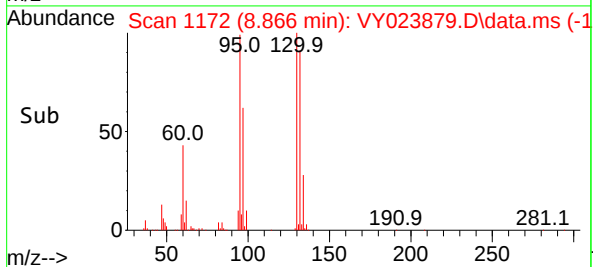
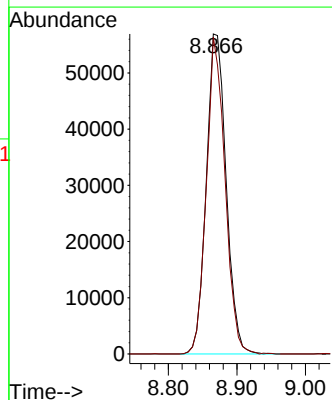
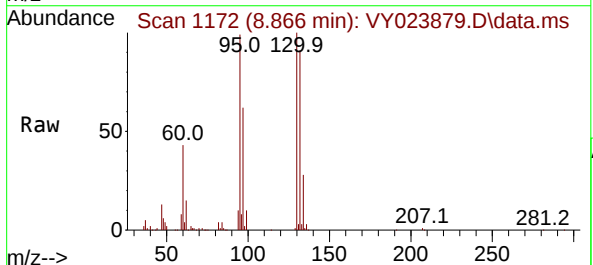
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

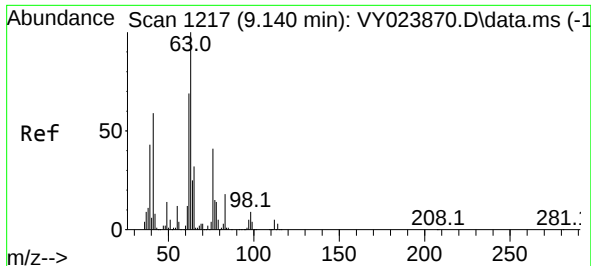
Tgt Ion: 43 Resp: 123634
Ion Ratio Lower Upper
43 100
61 18.2 24.2 36.4#
87 13.3 11.0 16.4



#44
Trichloroethene
Concen: 20.446 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion:130 Resp: 114718
Ion Ratio Lower Upper
130 100
95 99.0 0.0 192.4





#45

1,2-Dichloropropane

Concen: 20.463 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

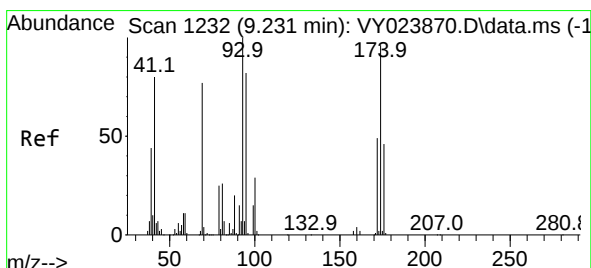
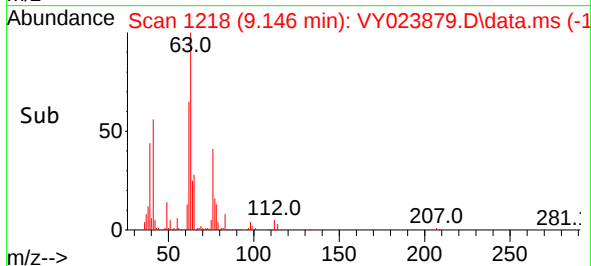
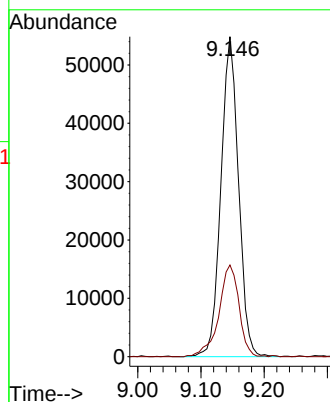
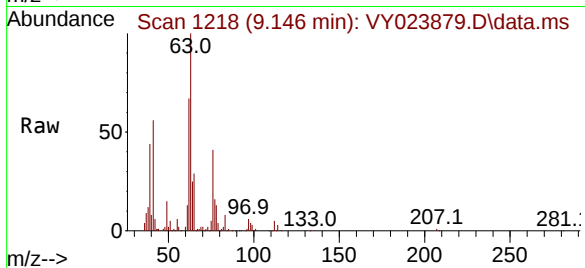
VY1204SBS01

Tgt Ion: 63 Resp: 105650

Ion Ratio Lower Upper

63 100

65 28.7 25.6 38.4



#46

Dibromomethane

Concen: 19.981 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

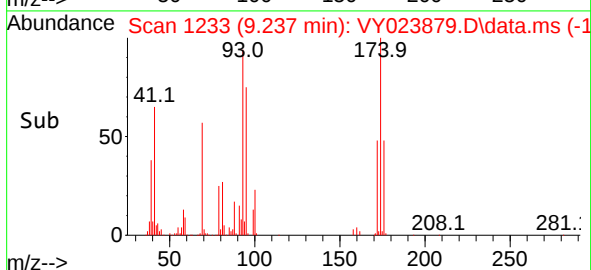
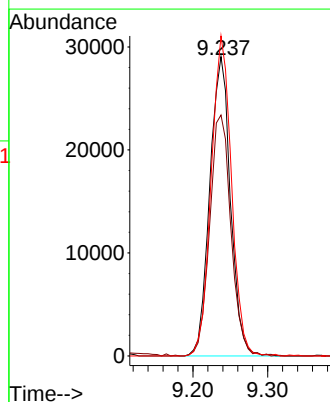
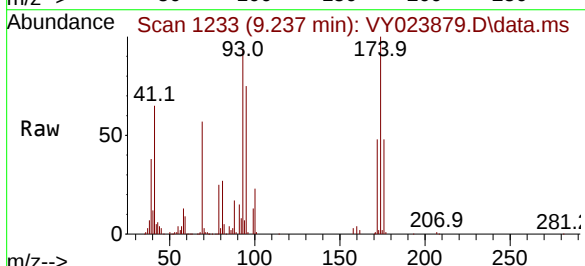
Tgt Ion: 93 Resp: 55850

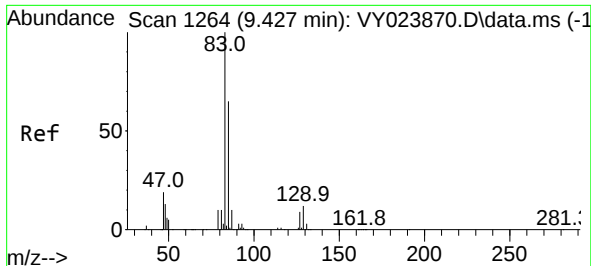
Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

174 105.1 81.4 122.0

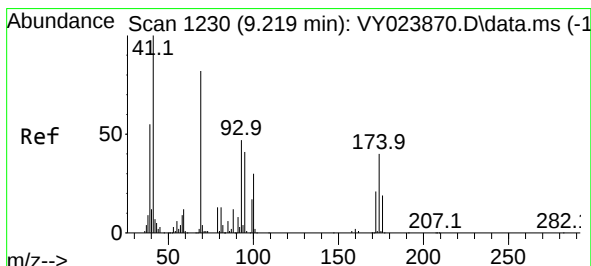
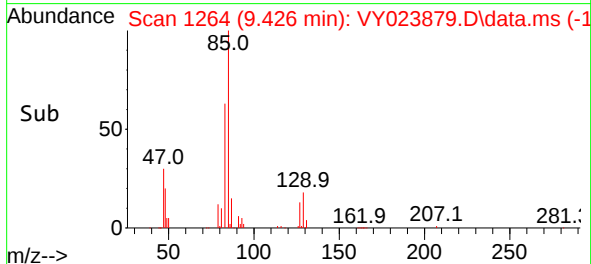
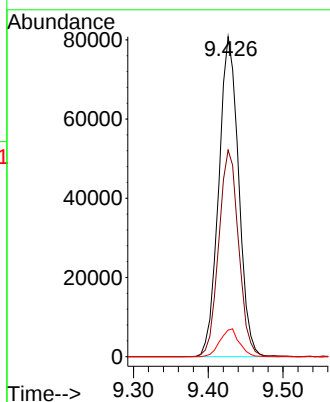
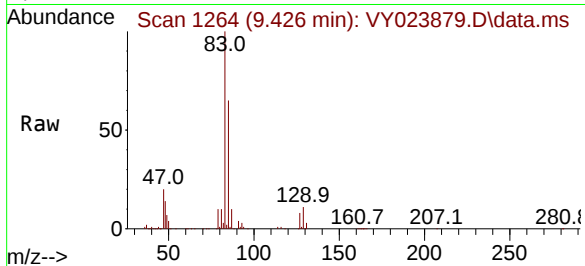




#47
Bromodichloromethane
Concen: 20.274 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

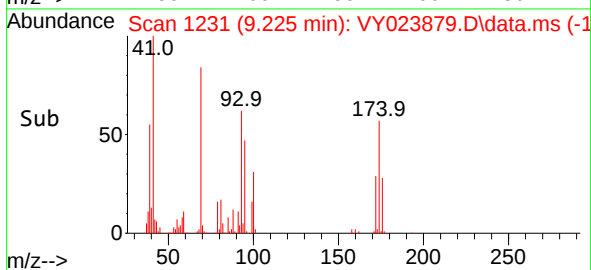
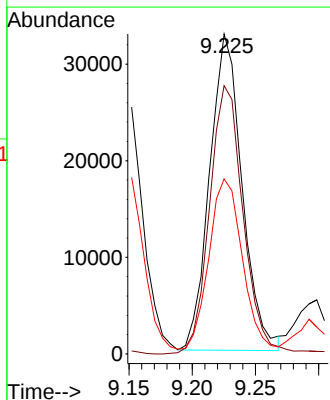
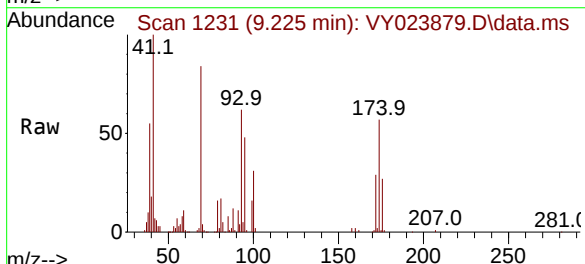
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

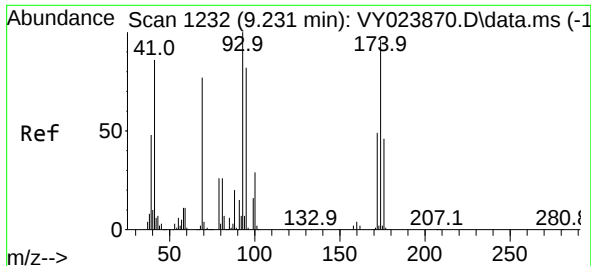
Tgt Ion: 83 Resp: 149507
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4
127 8.3 7.2 10.8



#48
Methyl methacrylate
Concen: 20.014 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 41 Resp: 58278
Ion Ratio Lower Upper
41 100
69 89.3 67.7 101.5
39 55.4 43.4 65.0





#49

1,4-Dioxane

Concen: 408.429 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

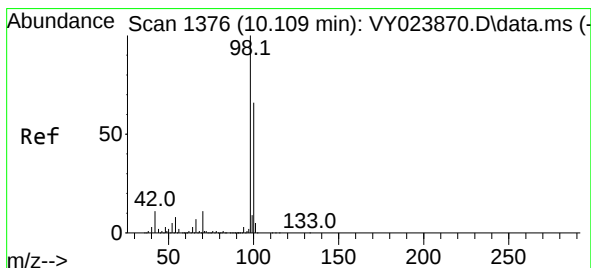
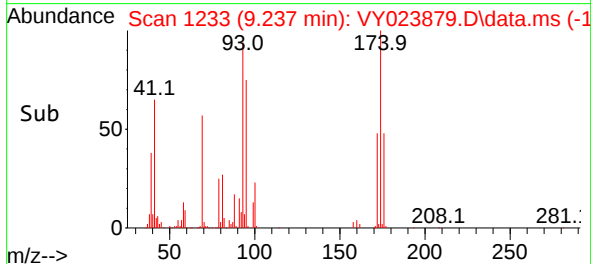
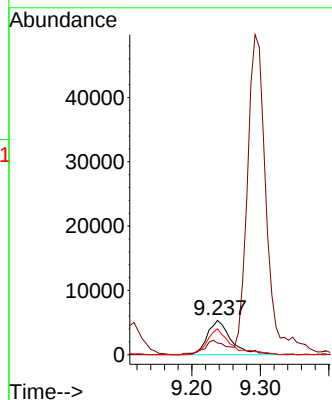
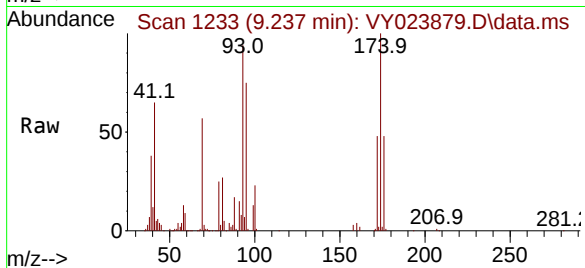
Tgt Ion: 88 Resp: 12694

Ion Ratio Lower Upper

88 100

43 37.4 26.8 40.2

58 75.8 52.4 78.6



#50

Toluene-d8

Concen: 48.859 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023879.D

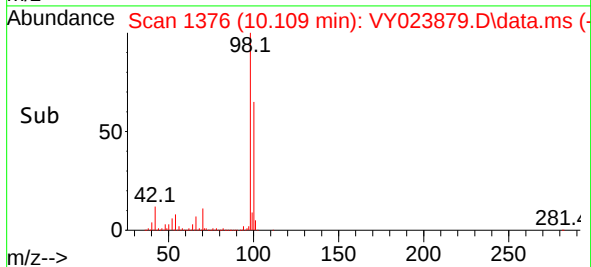
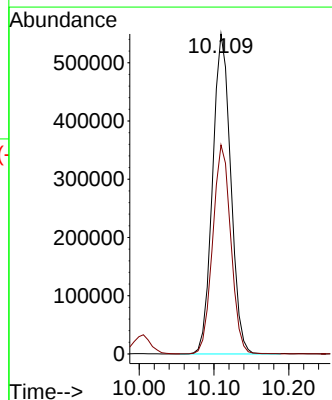
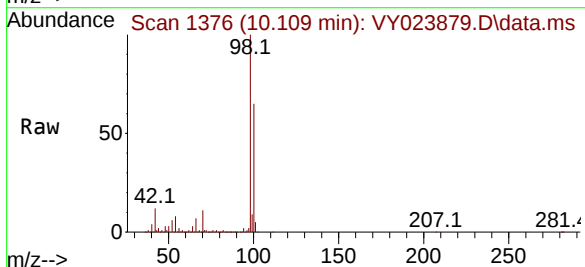
Acq: 04 Dec 2025 09:04

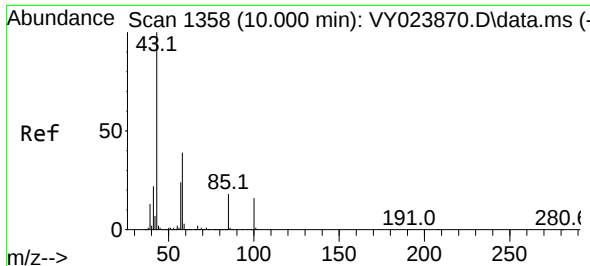
Tgt Ion: 98 Resp: 930197

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

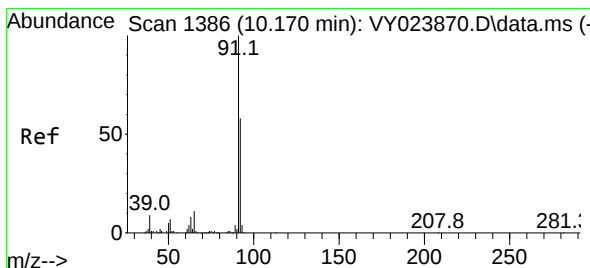
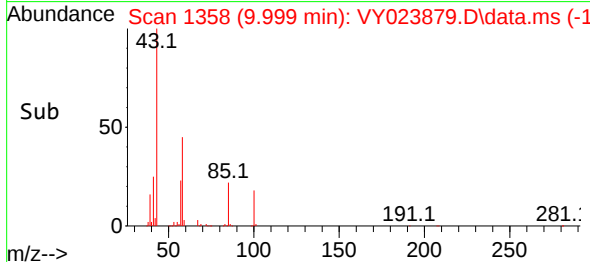
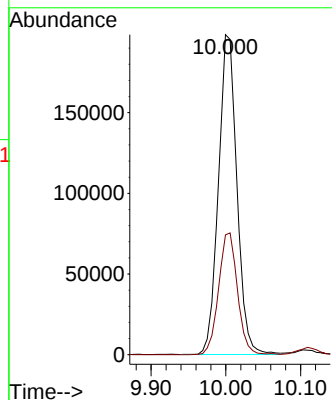
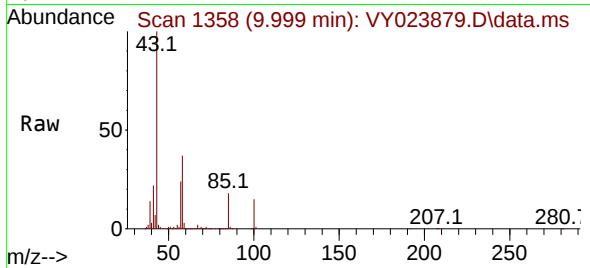




#51
4-Methyl-2-Pentanone
Concen: 104.088 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

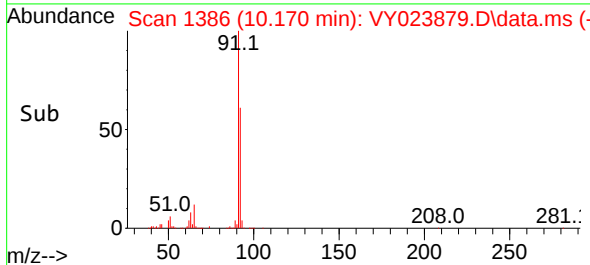
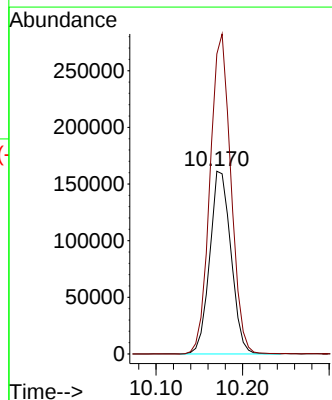
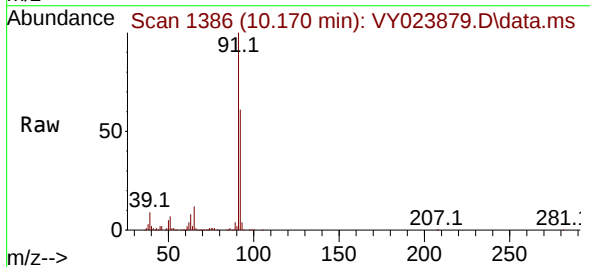
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

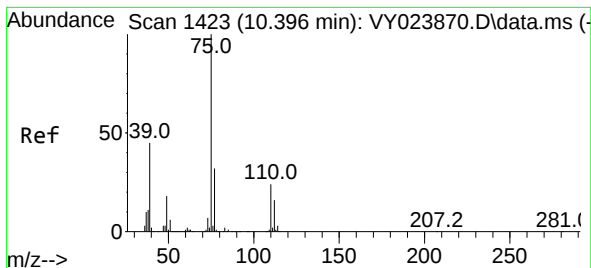
Tgt Ion: 43 Resp: 341141
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.8



#52
Toluene
Concen: 20.045 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 92 Resp: 273723
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9

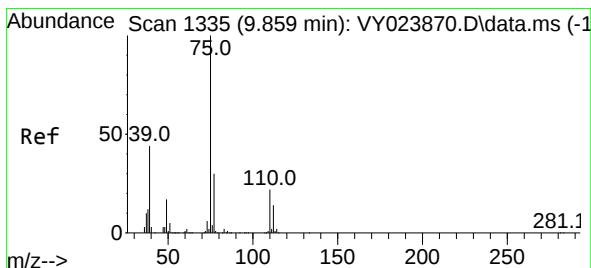
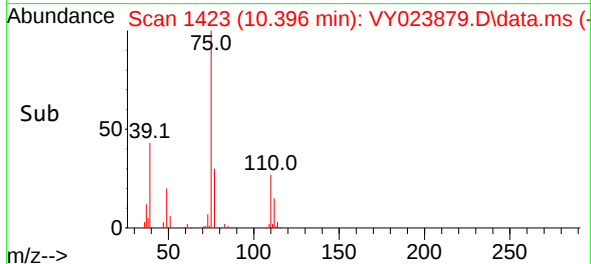
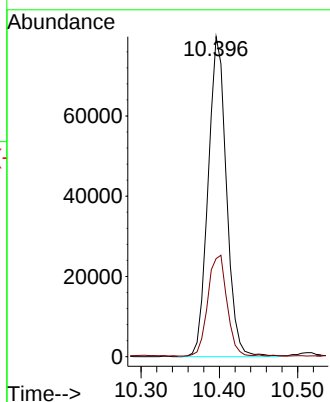
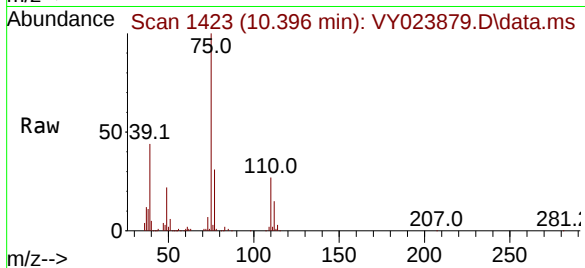




#53
t-1,3-Dichloropropene
Concen: 19.451 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

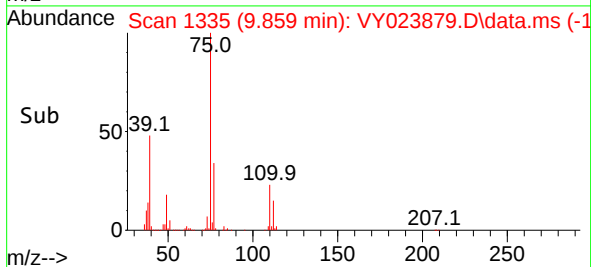
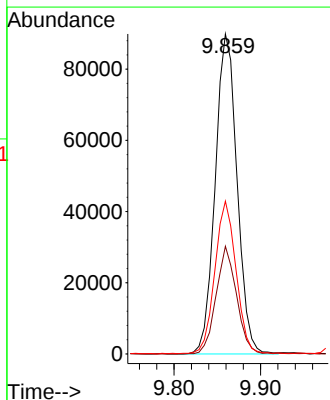
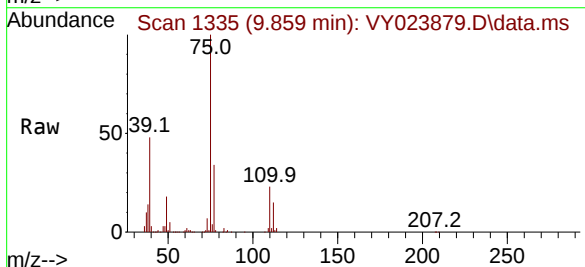
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

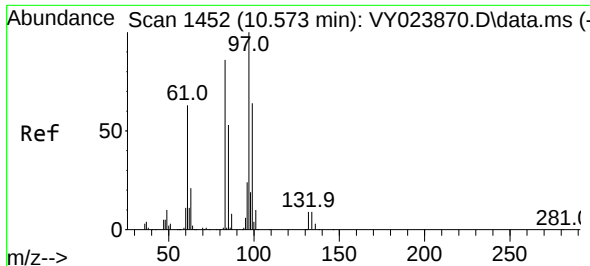
Tgt Ion: 75 Resp: 129463
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 20.063 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 75 Resp: 157247
Ion Ratio Lower Upper
75 100
77 33.7 23.8 35.6
39 47.7 35.5 53.3

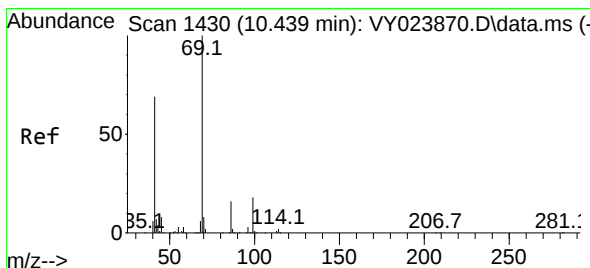
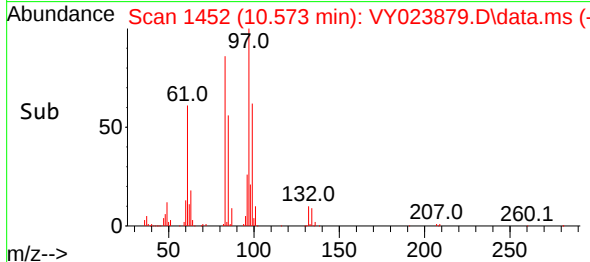
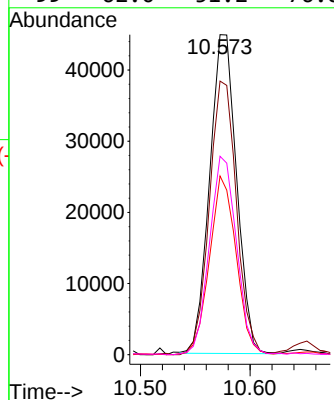
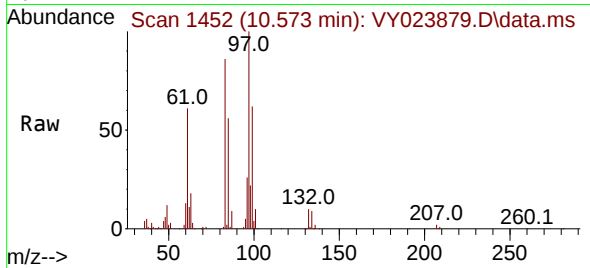




#55
1,1,2-Trichloroethane
Concen: 20.310 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

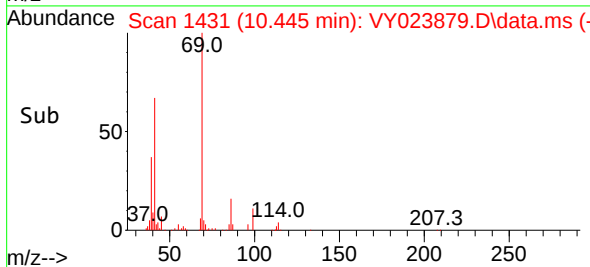
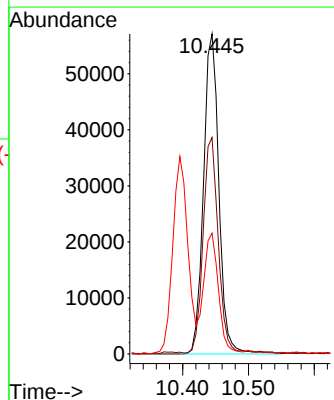
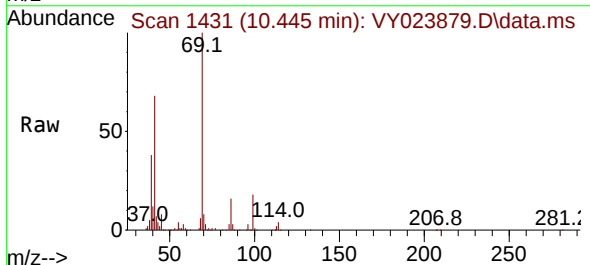
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

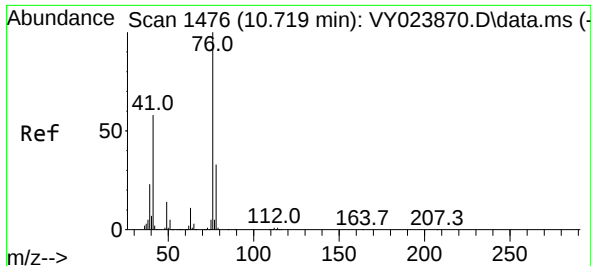
Tgt Ion: 97	Resp: 76634
Ion Ratio	Lower Upper
97 100	
83 85.9	69.0 103.4
85 55.8	42.6 63.8
99 62.0	51.2 76.8



#56
Ethyl methacrylate
Concen: 19.592 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 69	Resp: 92757
Ion Ratio	Lower Upper
69 100	
41 67.1	52.5 78.7
39 35.5	27.1 40.7





#57

1,3-Dichloropropane

Concen: 20.094 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

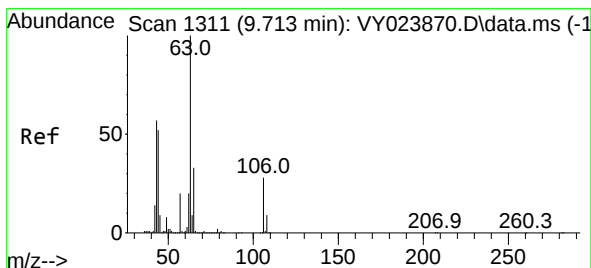
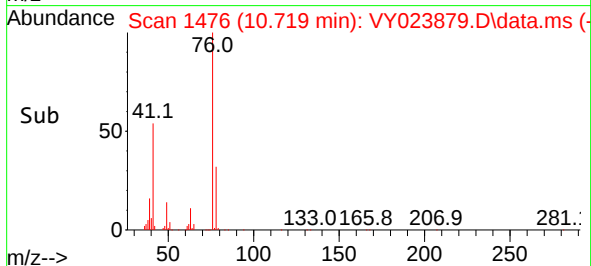
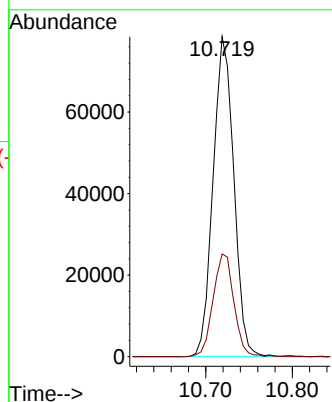
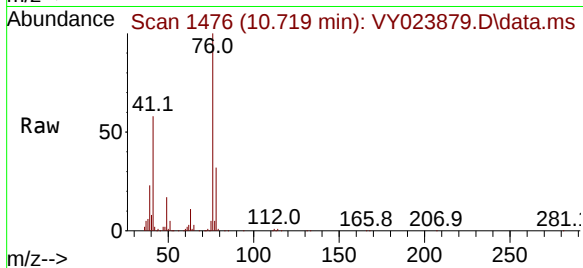
VY1204SBS01

Tgt Ion: 76 Resp: 130592

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 102.333 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023879.D

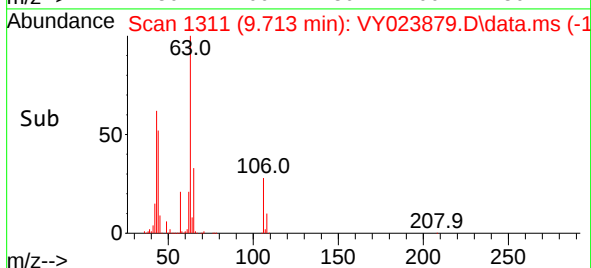
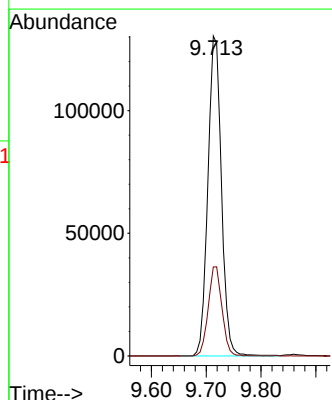
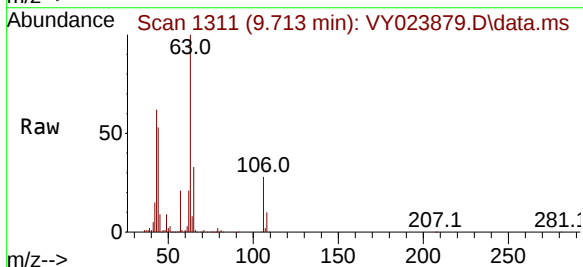
Acq: 04 Dec 2025 09:04

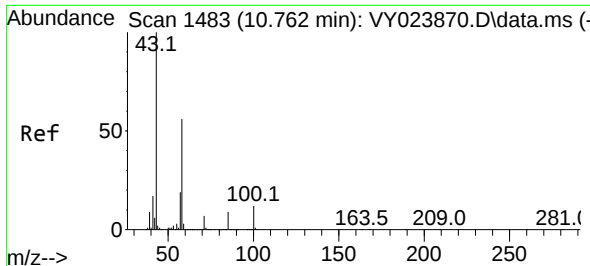
Tgt Ion: 63 Resp: 222994

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7

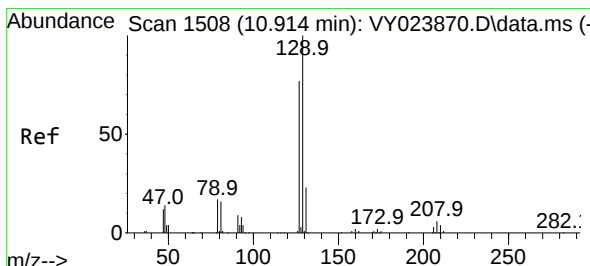
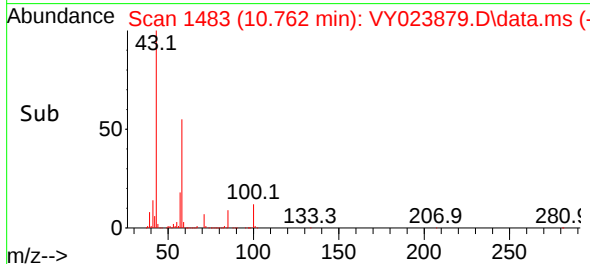
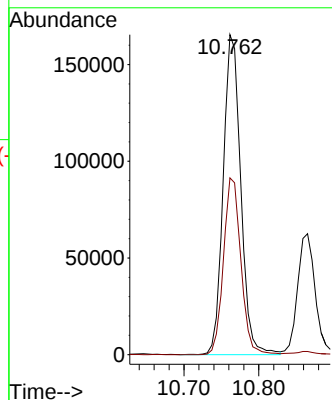
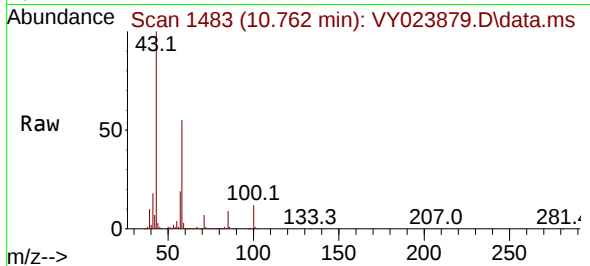




#59
2-Hexanone
Concen: 109.528 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

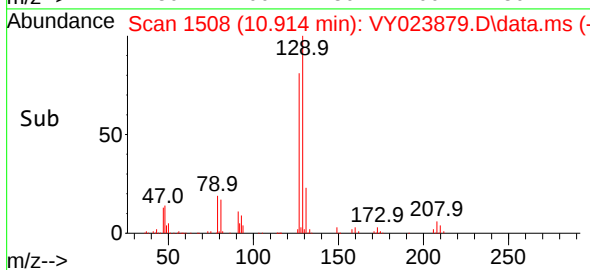
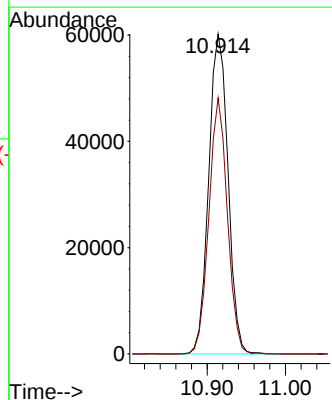
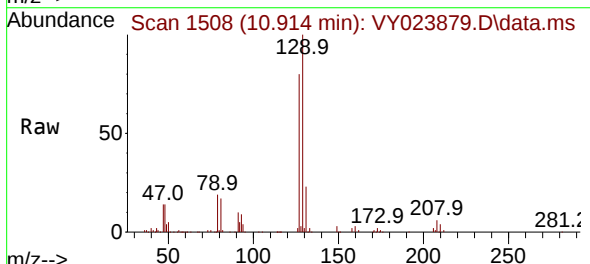
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

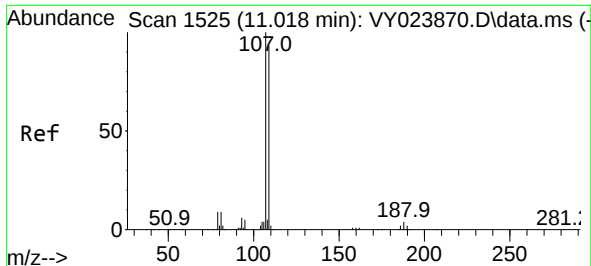
Tgt Ion: 43 Resp: 270736
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 20.328 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 129 Resp: 102850
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.0

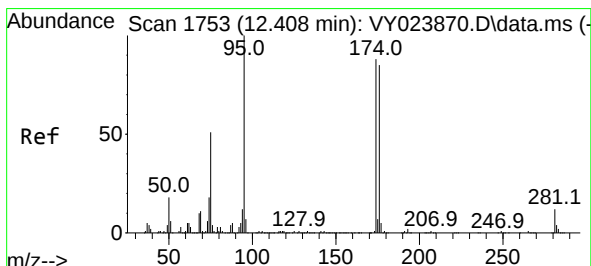
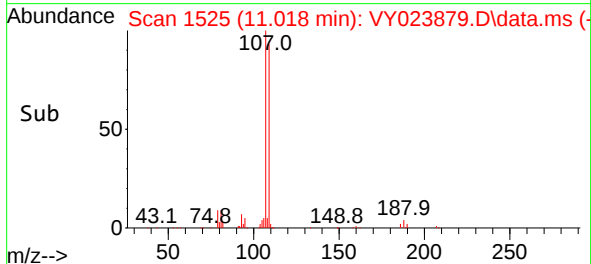
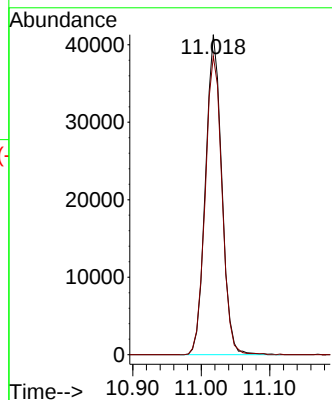
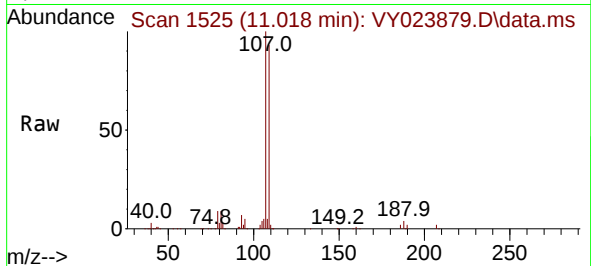




#61
1,2-Dibromoethane
Concen: 19.844 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

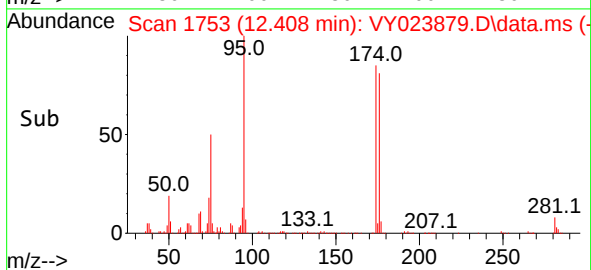
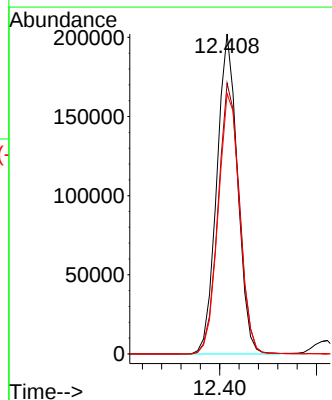
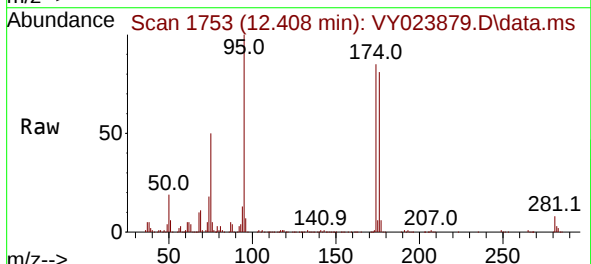
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

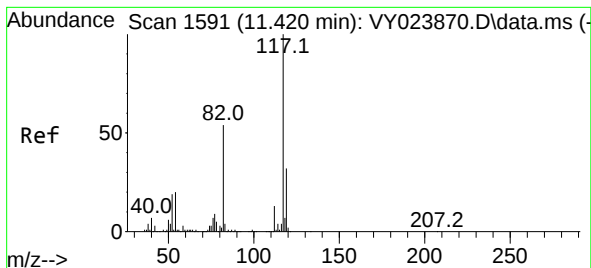
Tgt Ion:107 Resp: 68237
Ion Ratio Lower Upper
107 100
109 96.4 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 46.252 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 95 Resp: 300344
Ion Ratio Lower Upper
95 100
174 87.2 0.0 169.6
176 84.4 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: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

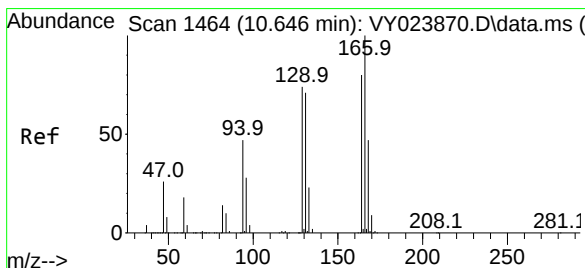
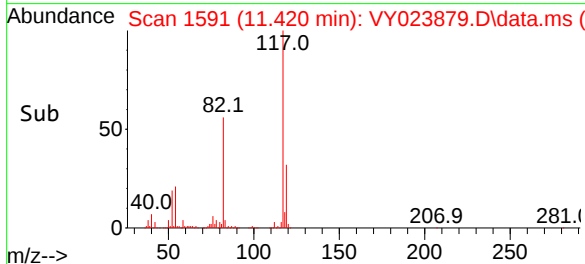
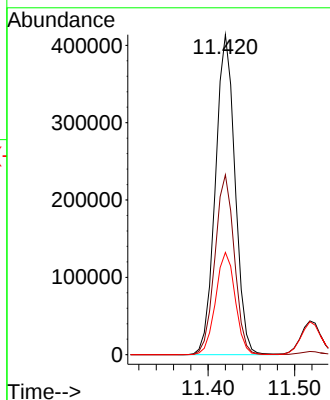
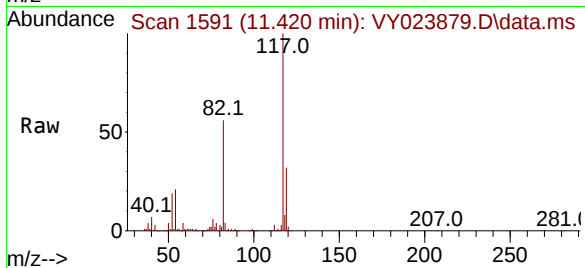
Tgt Ion:117 Resp: 650156

Ion Ratio Lower Upper

117 100

82 56.2 43.1 64.7

119 32.0 26.0 39.0



#64

Tetrachloroethene

Concen: 20.776 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Tgt Ion:164 Resp: 132185

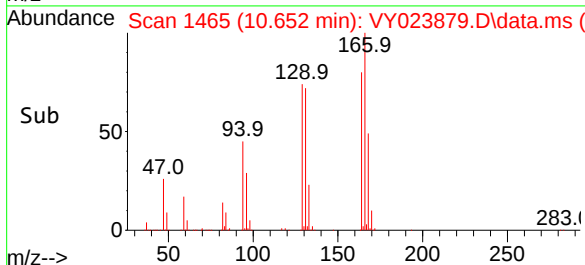
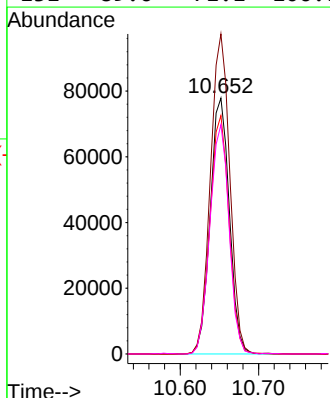
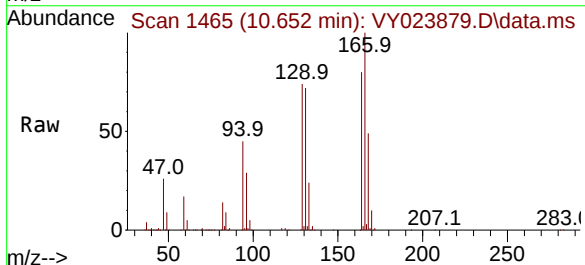
Ion Ratio Lower Upper

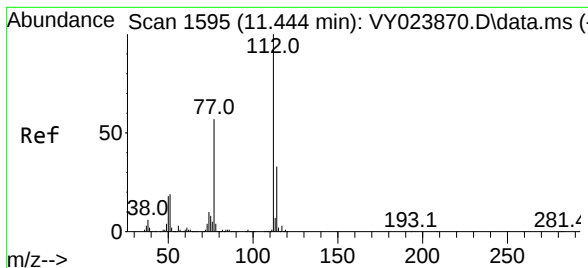
164 100

166 125.1 100.2 150.4

129 93.2 74.4 111.6

131 89.6 71.1 106.7

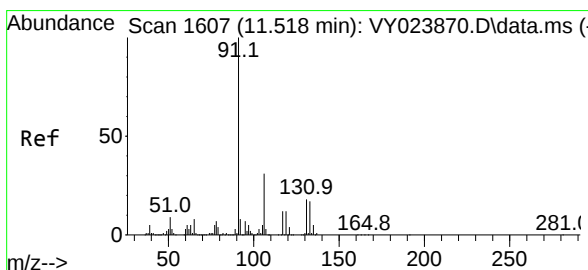
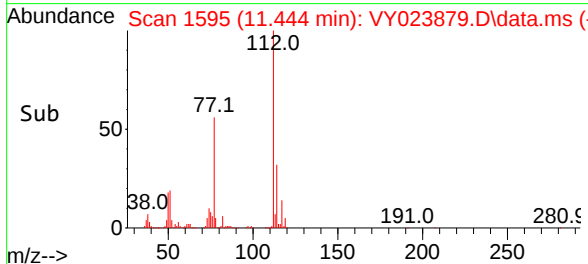
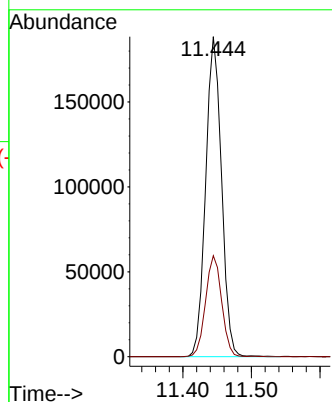
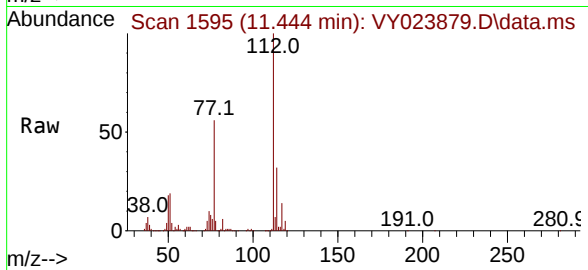




#65
Chlorobenzene
Concen: 20.400 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

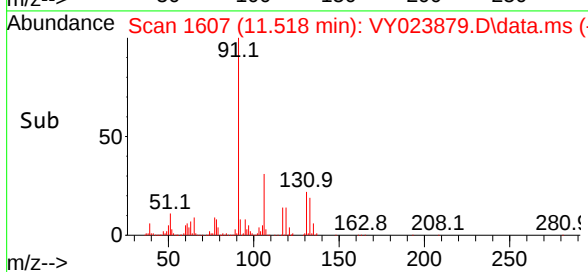
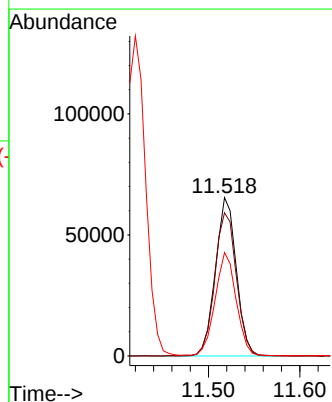
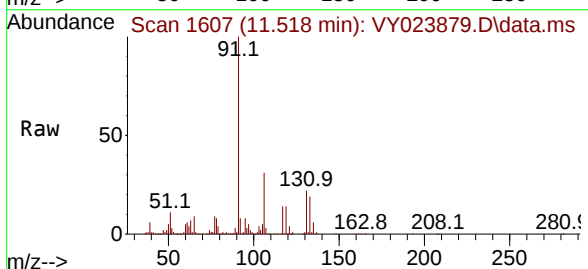
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

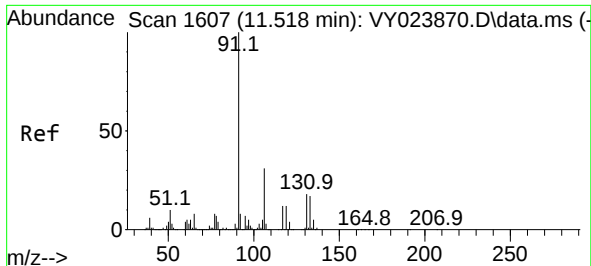
Tgt Ion:112 Resp: 302724
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.465 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion:131 Resp: 103615
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 66.0 32.5 97.4





#67

Ethyl Benzene

Concen: 19.868 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

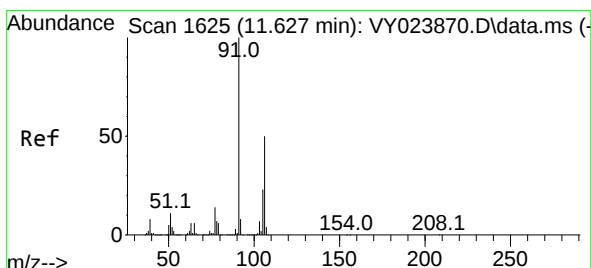
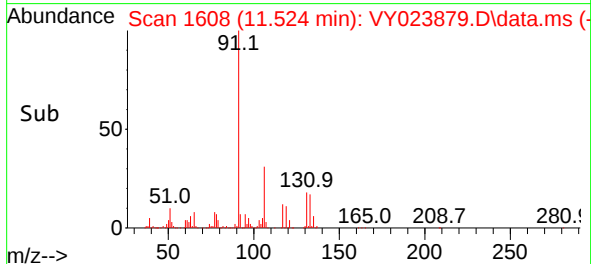
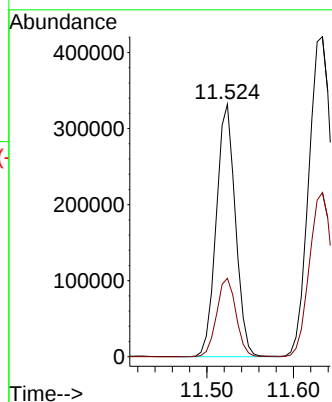
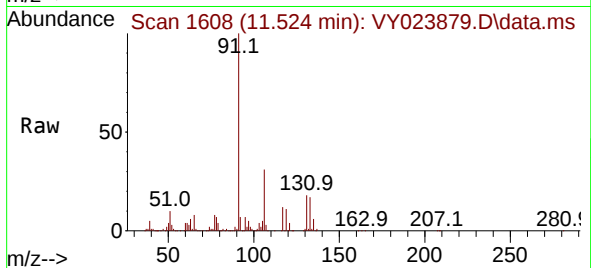
VY1204SBS01

Tgt Ion: 91 Resp: 509694

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 40.368 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023879.D

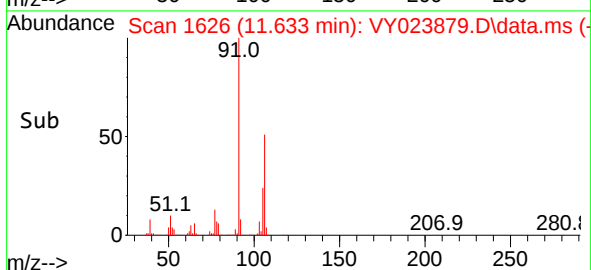
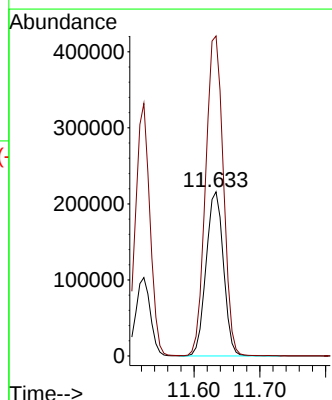
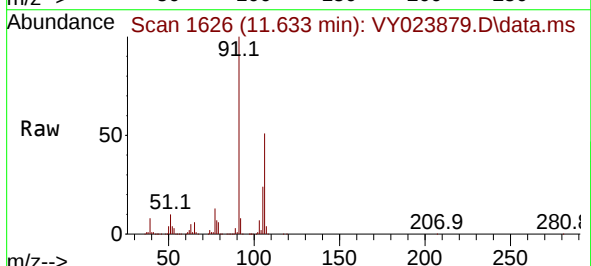
Acq: 04 Dec 2025 09:04

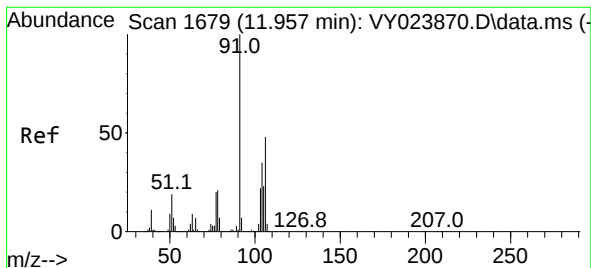
Tgt Ion:106 Resp: 395834

Ion Ratio Lower Upper

106 100

91 199.0 159.7 239.5

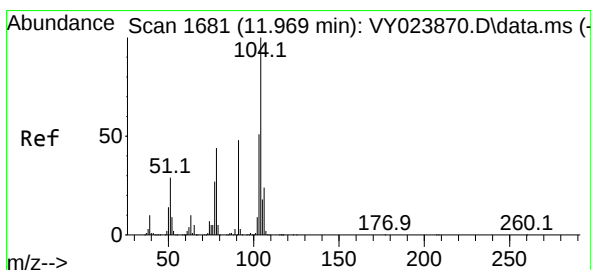
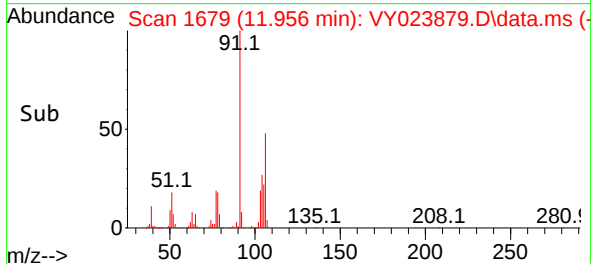
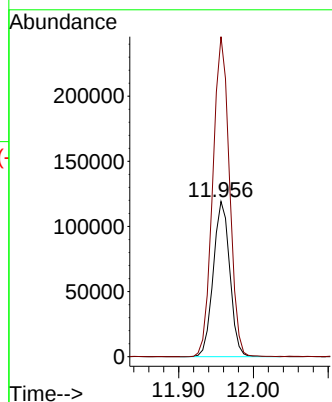
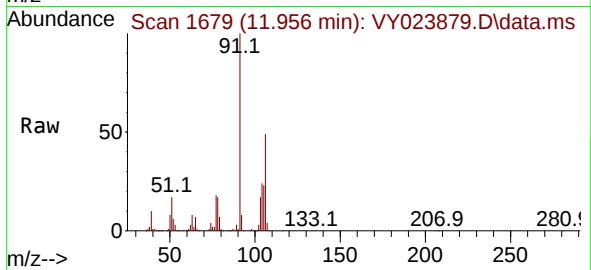




#69
o-Xylene
Concen: 20.006 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

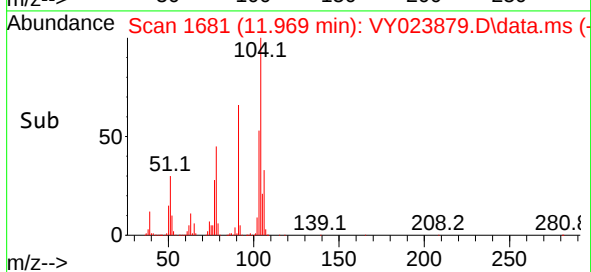
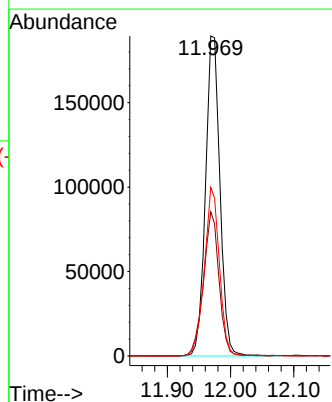
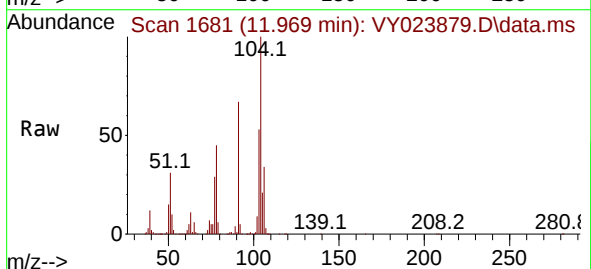
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

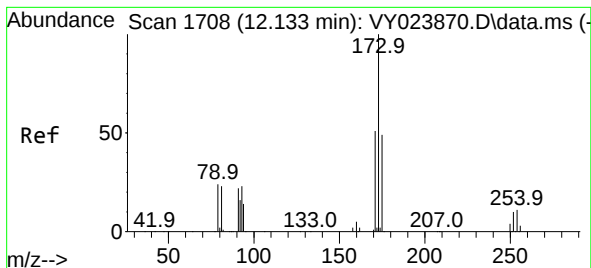
Tgt Ion:106 Resp: 183484
Ion Ratio Lower Upper
106 100
91 208.6 104.4 313.1



#70
Styrene
Concen: 19.974 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion:104 Resp: 301975
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 55.0 43.9 65.9





#71

Bromoform

Concen: 20.684 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

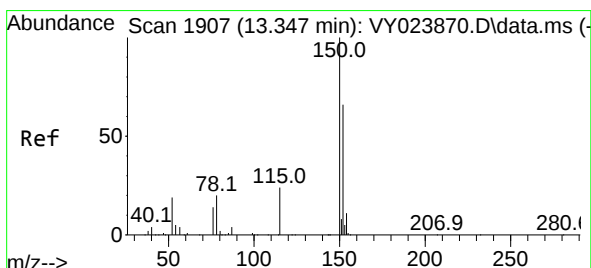
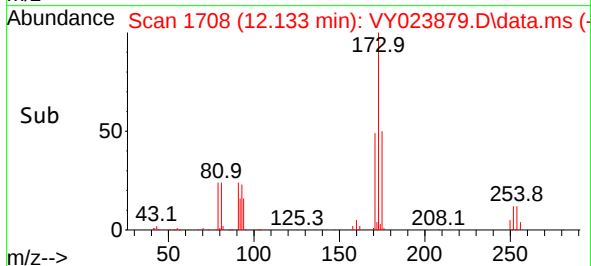
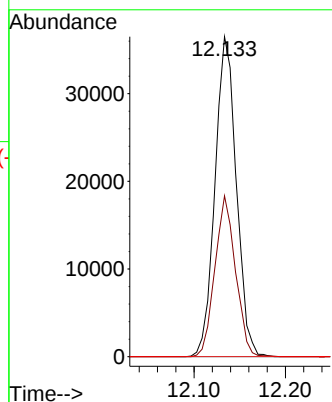
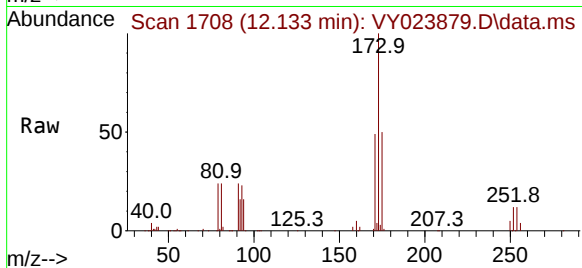
Tgt Ion:173 Resp: 59172

Ion Ratio Lower Upper

173 100

175 48.6 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: VY023879.D

Acq: 04 Dec 2025 09:04

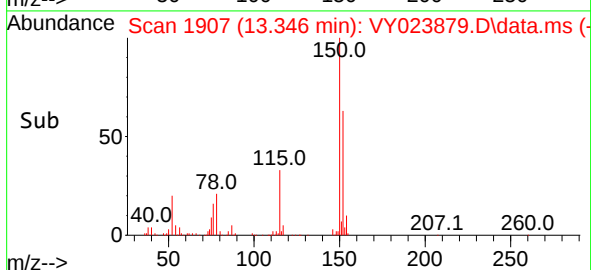
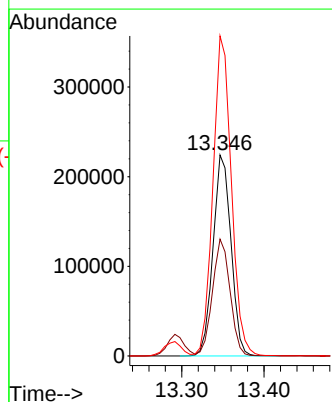
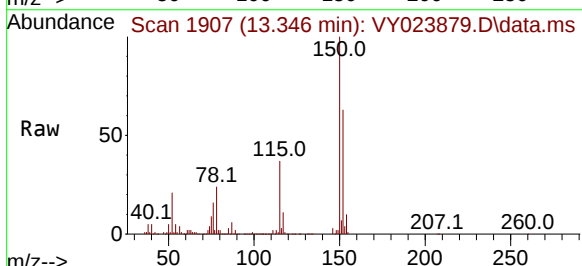
Tgt Ion:152 Resp: 339898

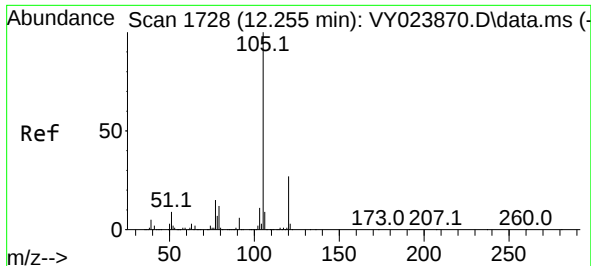
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.4

150 163.4 0.0 352.2

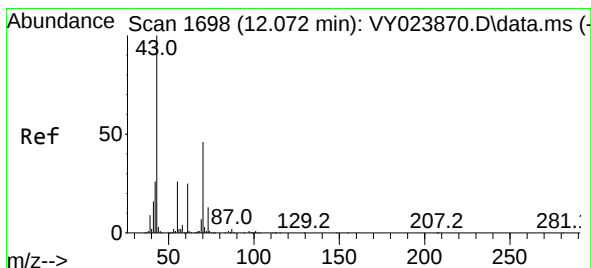
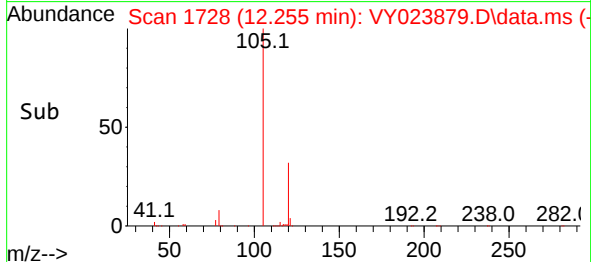
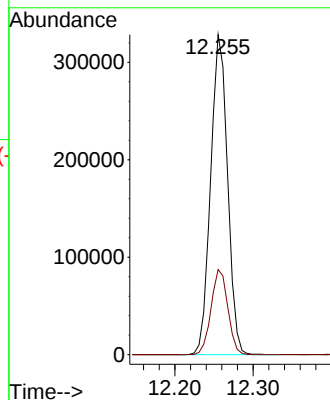
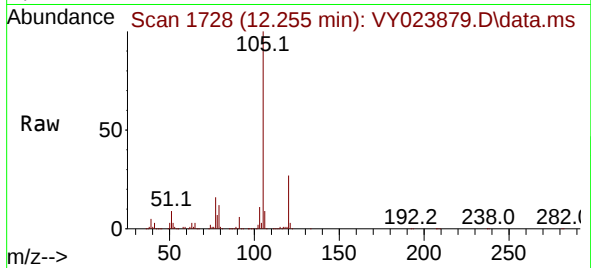




#73
Isopropylbenzene
Concen: 19.636 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

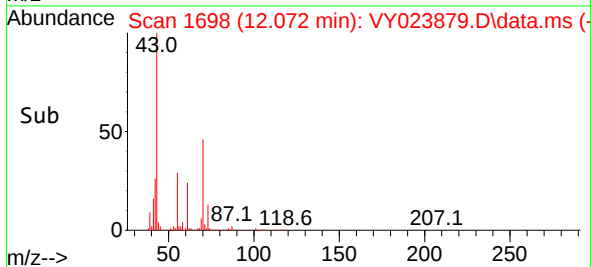
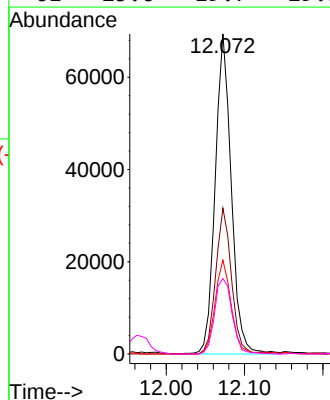
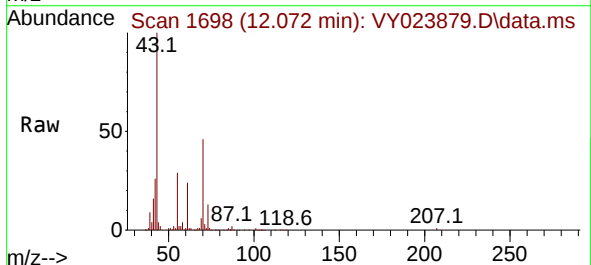
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

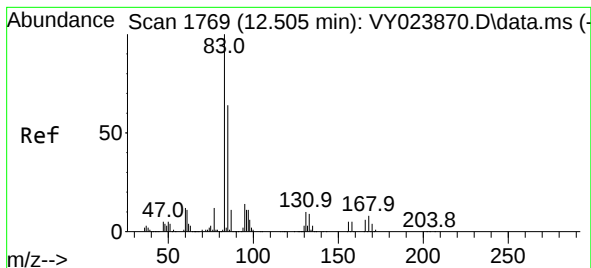
Tgt Ion:105 Resp: 491743
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 18.272 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 43 Resp: 99167
Ion Ratio Lower Upper
43 100
70 44.5 35.5 53.3
55 29.6 21.1 31.7
61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.316 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

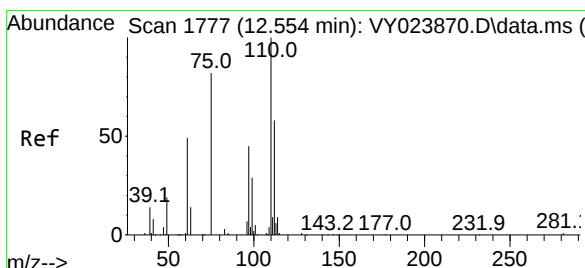
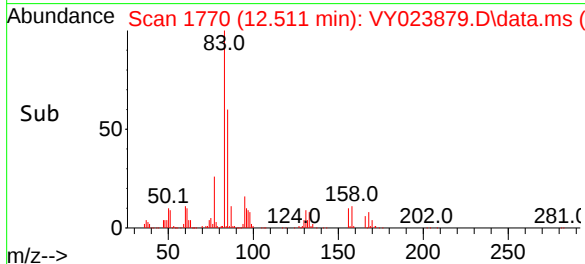
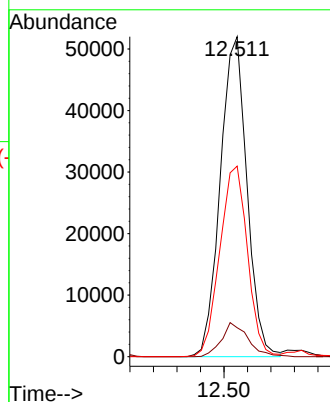
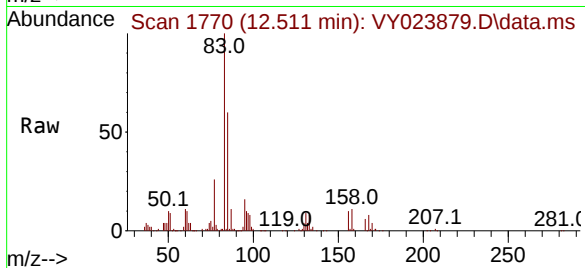
Tgt Ion: 83 Resp: 82087

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

85 61.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 33.440 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023879.D

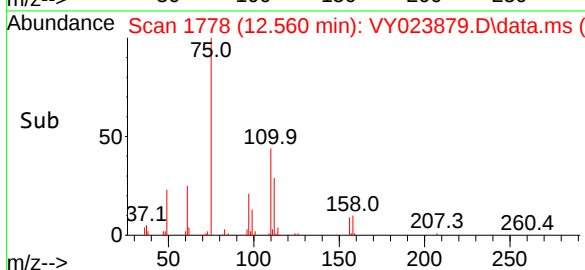
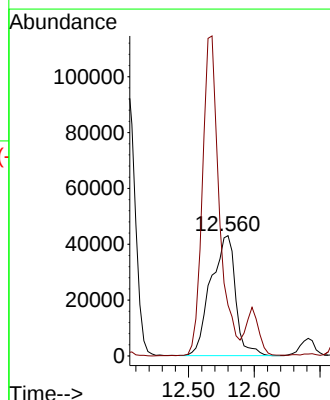
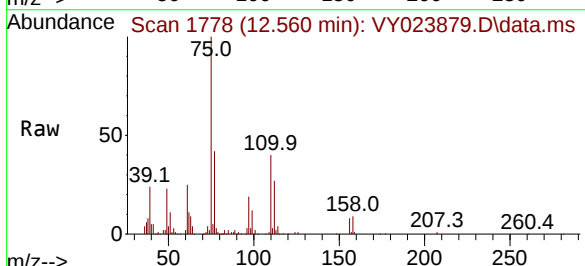
Acq: 04 Dec 2025 09:04

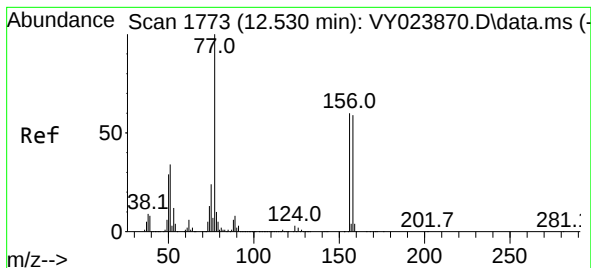
Tgt Ion: 75 Resp: 112681

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.747 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

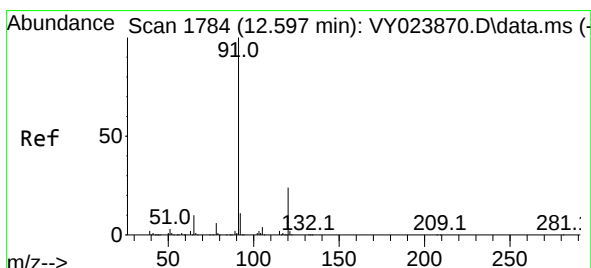
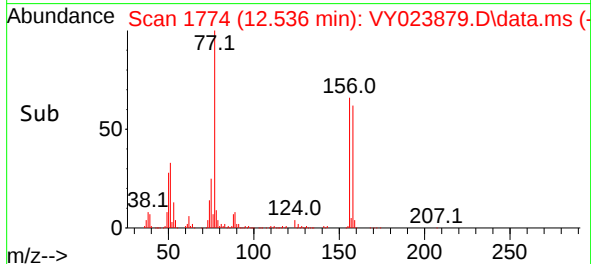
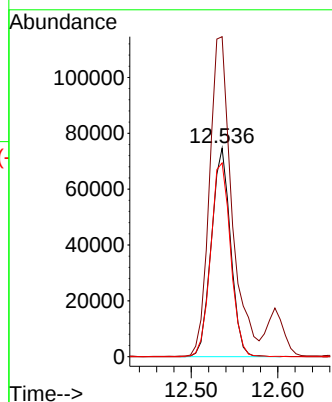
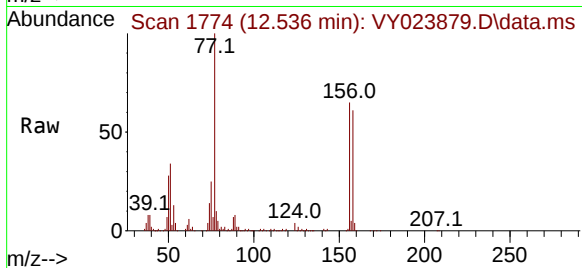
Tgt Ion:156 Resp: 114849

Ion Ratio Lower Upper

156 100

77 178.7 89.6 268.9

158 97.0 48.6 145.8



#78

n-propylbenzene

Concen: 19.673 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023879.D

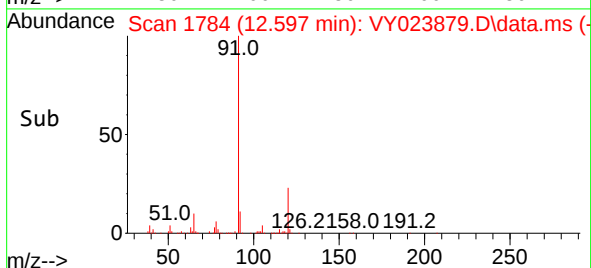
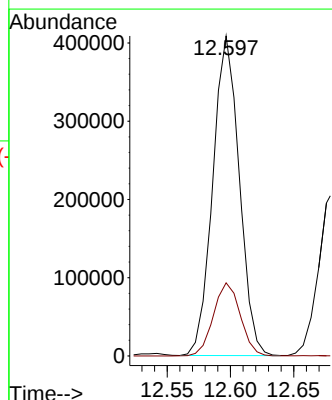
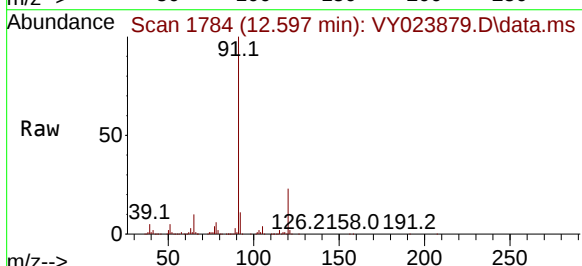
Acq: 04 Dec 2025 09:04

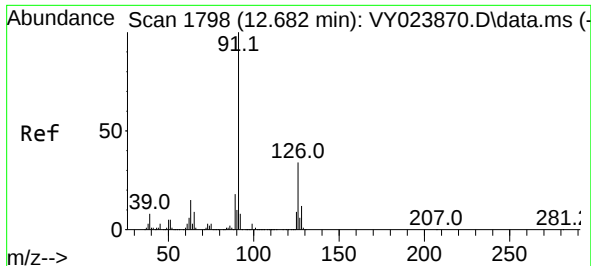
Tgt Ion: 91 Resp: 594491

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.515 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

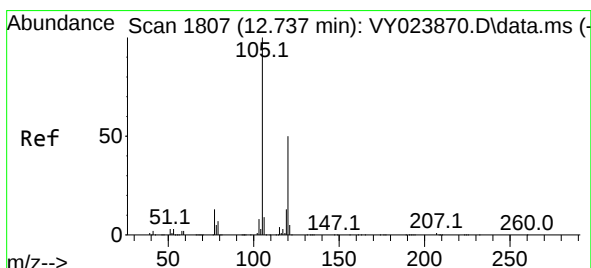
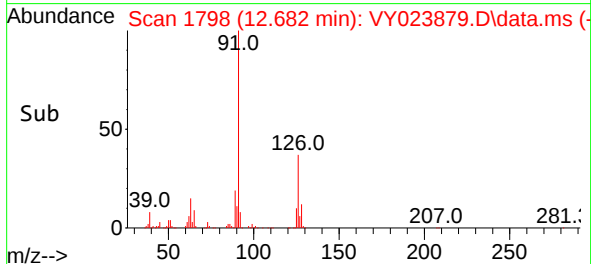
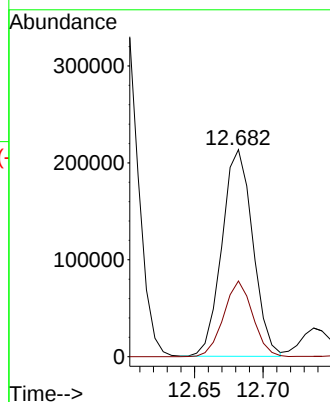
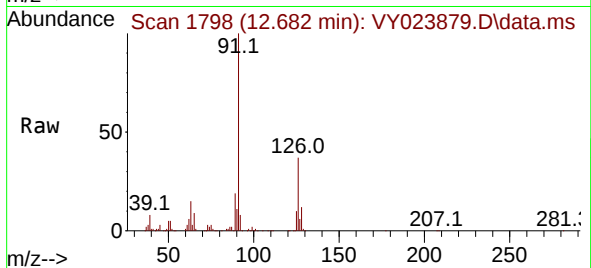
VY1204SBS01

Tgt Ion: 91 Resp: 334915

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 19.652 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY023879.D

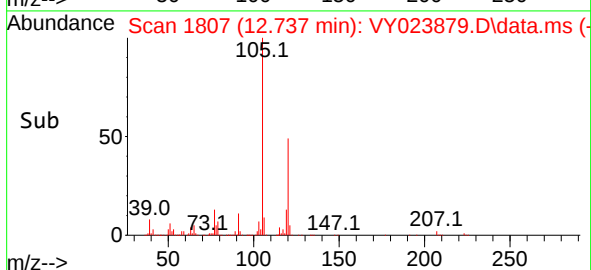
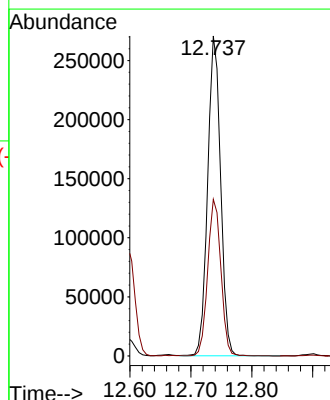
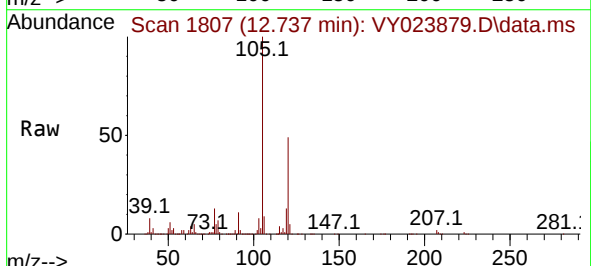
Acq: 04 Dec 2025 09:04

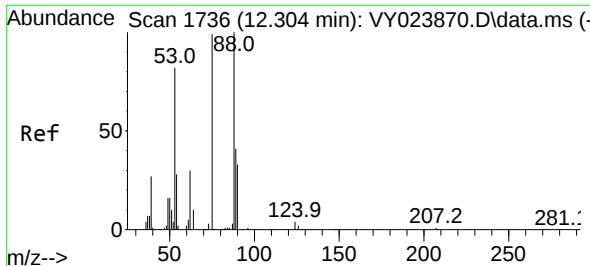
Tgt Ion: 105 Resp: 399888

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6

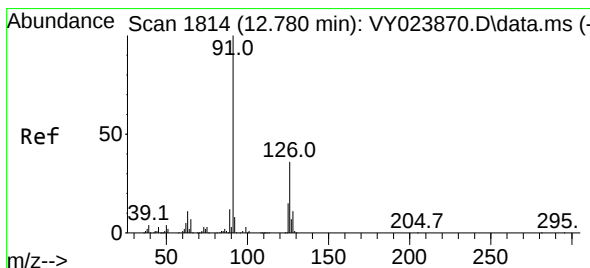
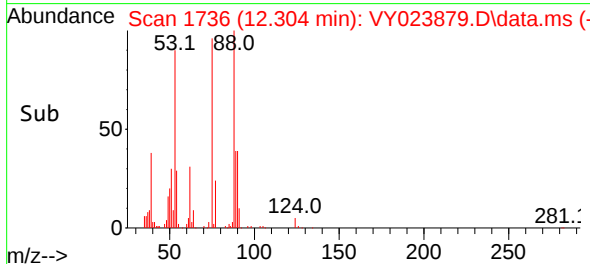
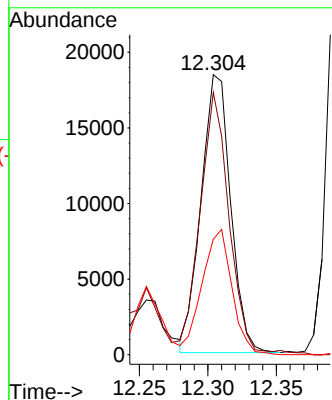
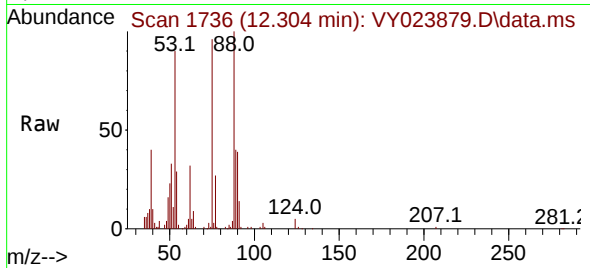




#81
trans-1,4-Dichloro-2-butene
Concen: 19.684 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

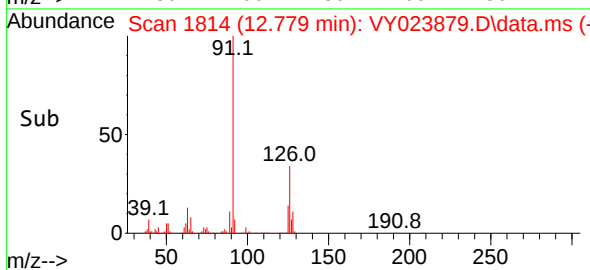
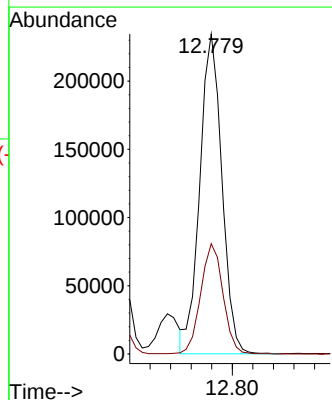
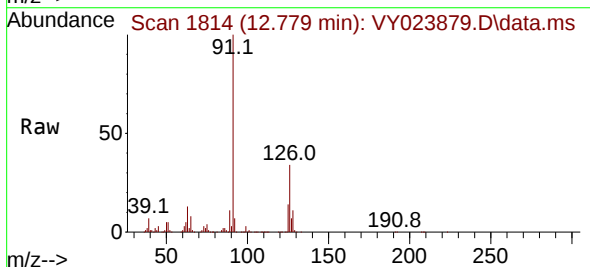
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

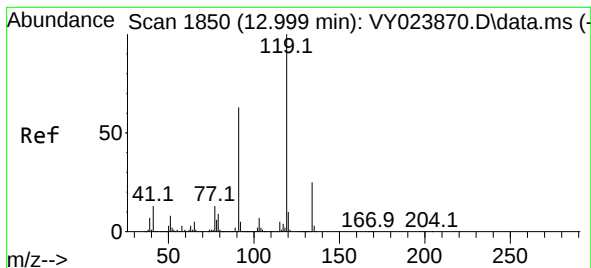
Tgt Ion: 75 Resp: 27694
Ion Ratio Lower Upper
75 100
53 93.3 71.1 106.7
89 45.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.700 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion: 91 Resp: 350508
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.327 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

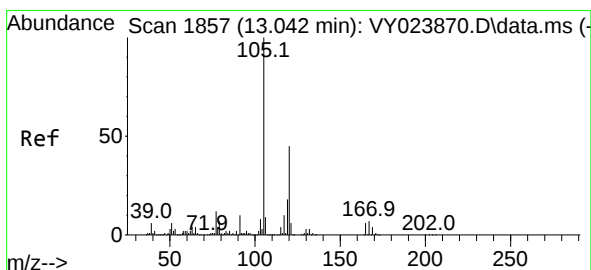
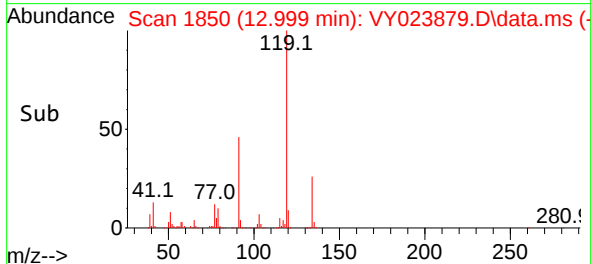
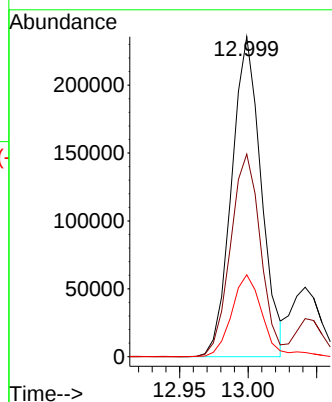
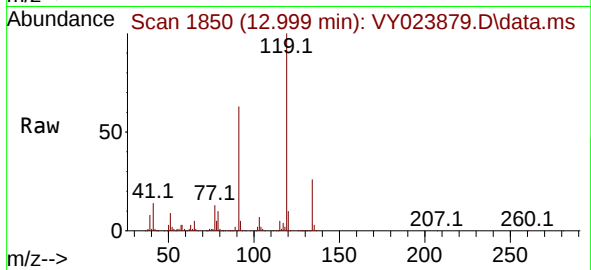
Tgt Ion:119 Resp: 354542

Ion Ratio Lower Upper

119 100

91 64.1 31.8 95.3

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.773 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023879.D

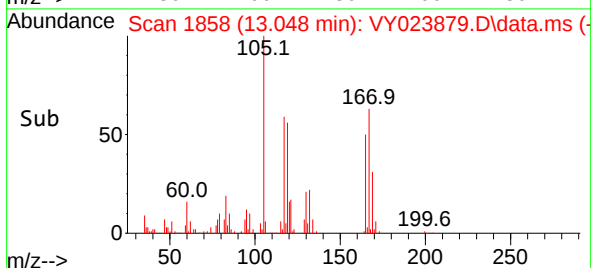
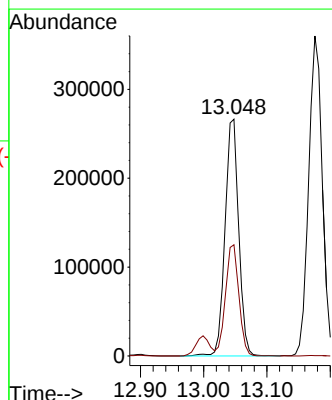
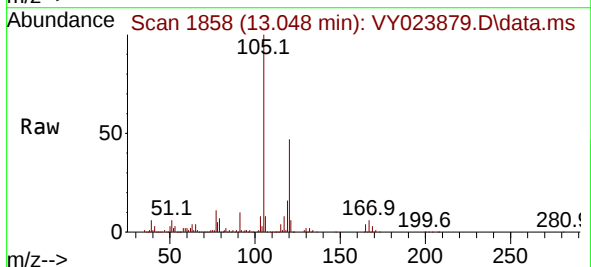
Acq: 04 Dec 2025 09:04

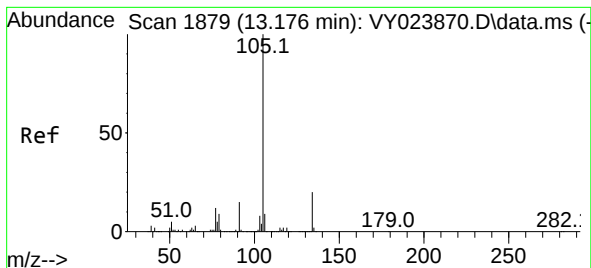
Tgt Ion:105 Resp: 398588

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.645 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

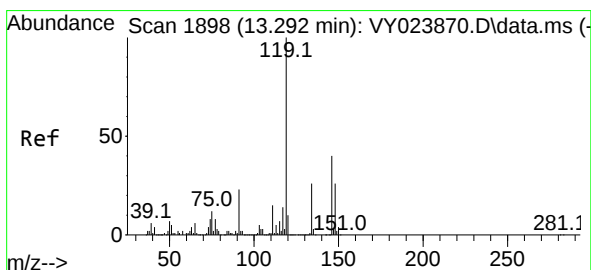
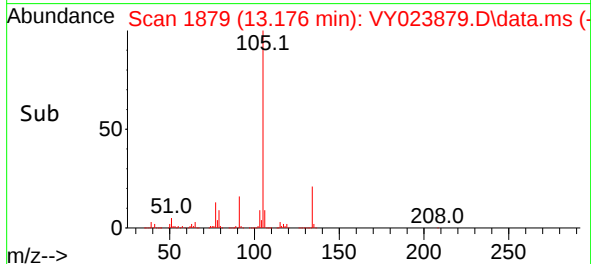
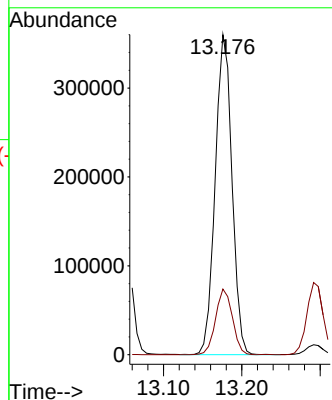
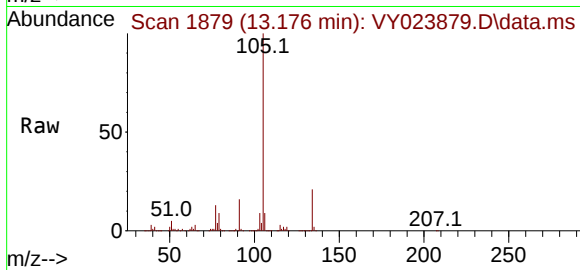
VY1204SBS01

Tgt Ion:105 Resp: 536063

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3



#86

p-Isopropyltoluene

Concen: 19.746 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

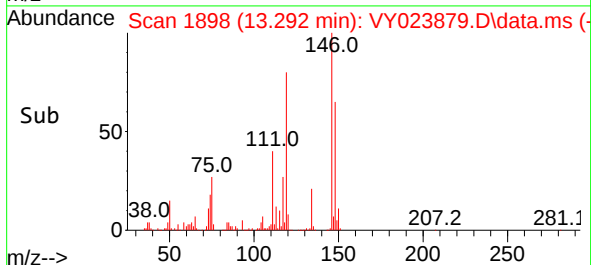
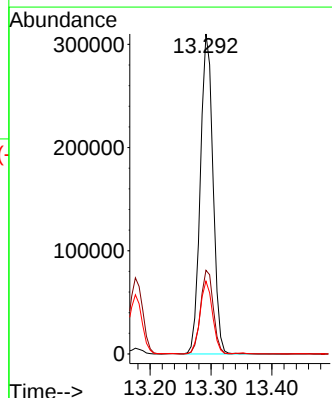
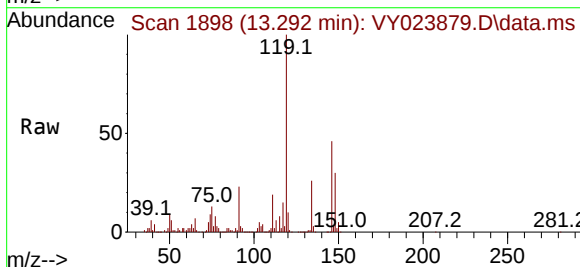
Tgt Ion:119 Resp: 446149

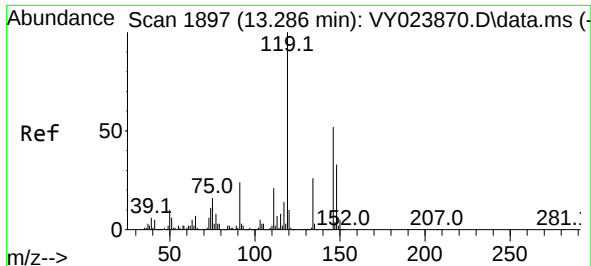
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 22.5 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 19.415 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

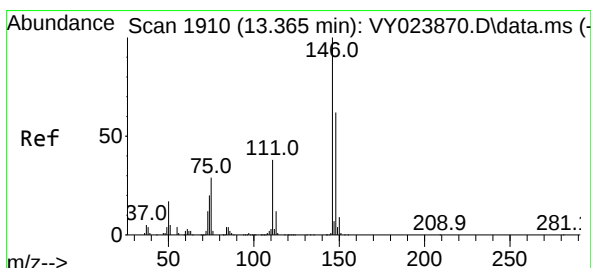
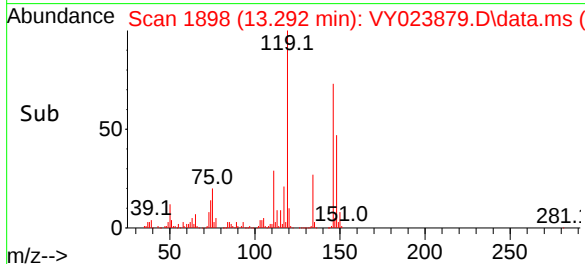
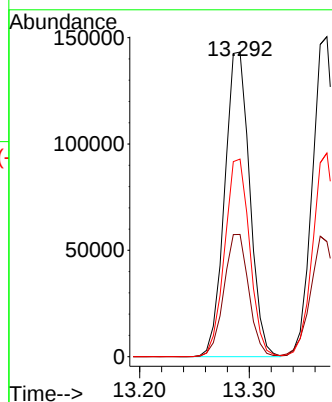
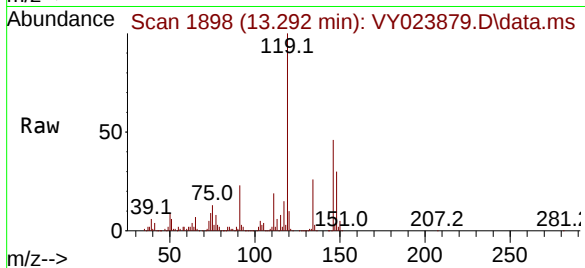
Tgt Ion:146 Resp: 227498

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

148 64.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.914 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

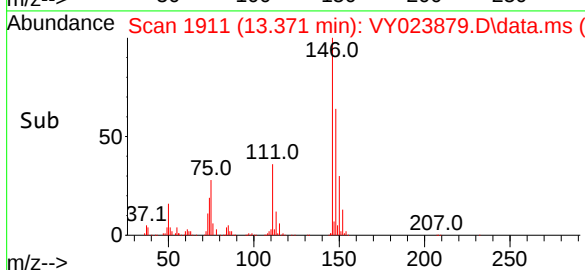
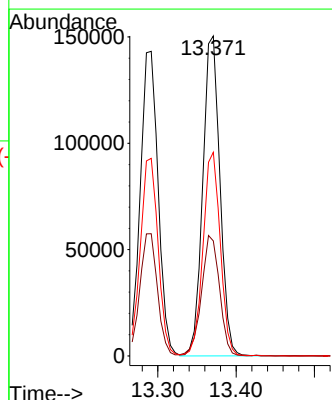
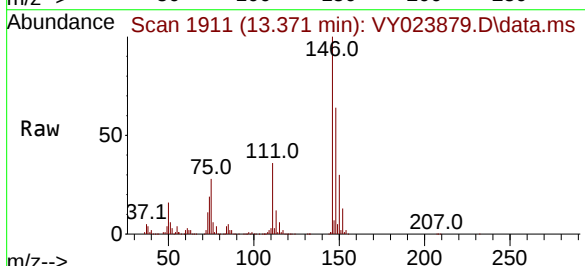
Tgt Ion:146 Resp: 228829

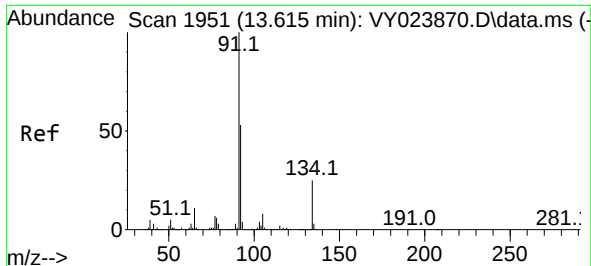
Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.1

148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 19.194 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

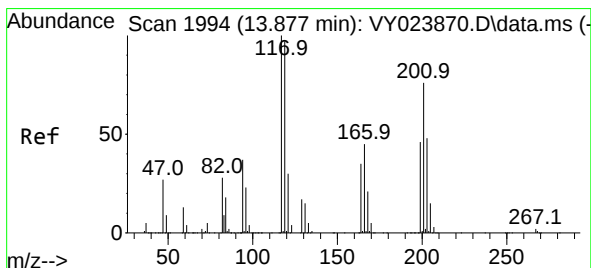
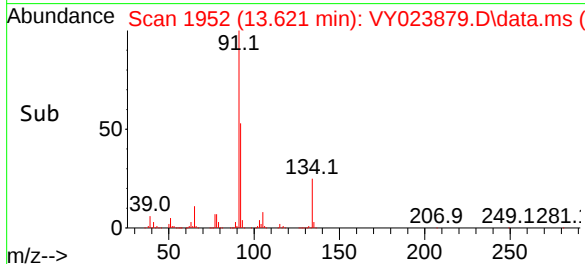
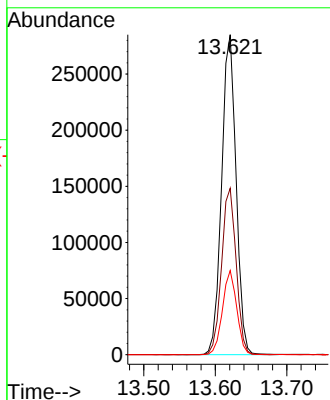
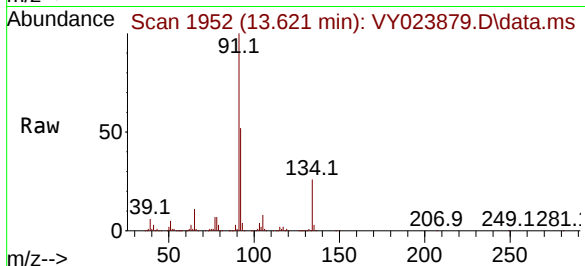
MSVOA_Y

ClientSampleId :

VY1204SBS01

Tgt Ion: 91 Resp: 401392

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.7	80.0
134	25.9	13.0	39.0



#90

Hexachloroethane

Concen: 19.566 ug/l

RT: 13.883 min Scan# 1995

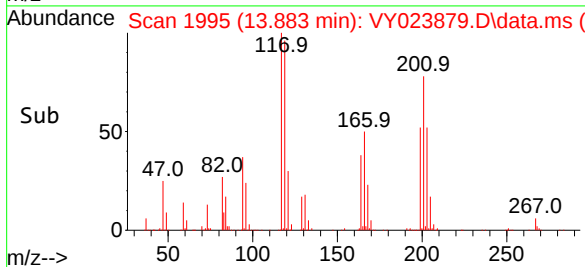
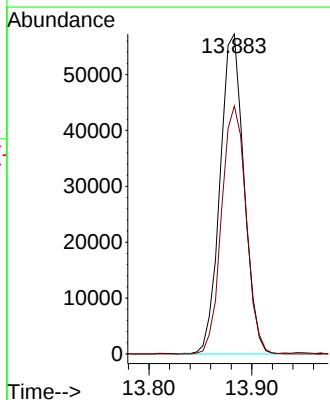
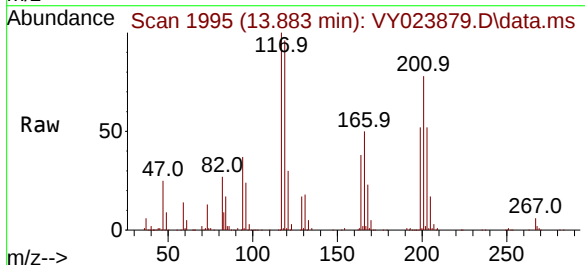
Delta R.T. 0.006 min

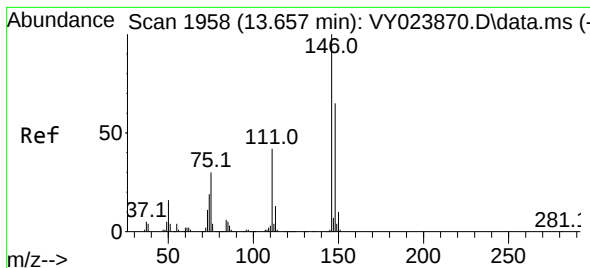
Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Tgt Ion: 117 Resp: 92741

Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 19.631 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

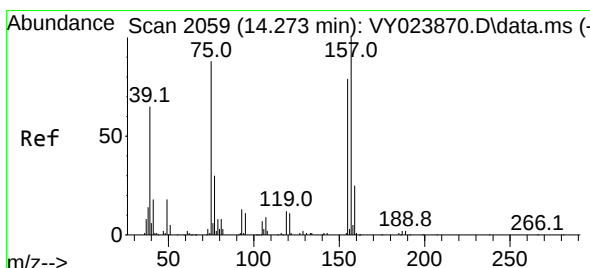
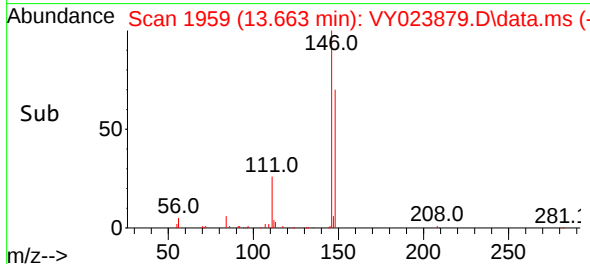
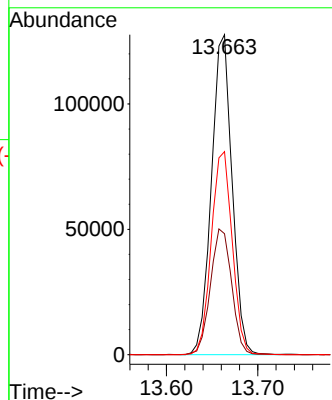
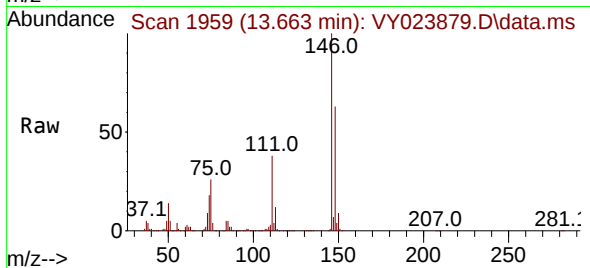
Tgt Ion:146 Resp: 200068

Ion Ratio Lower Upper

146 100

111 40.4 20.4 61.3

148 64.5 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.761 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

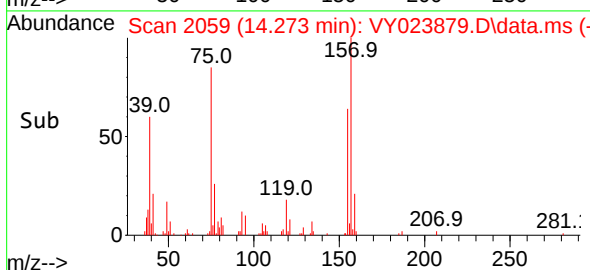
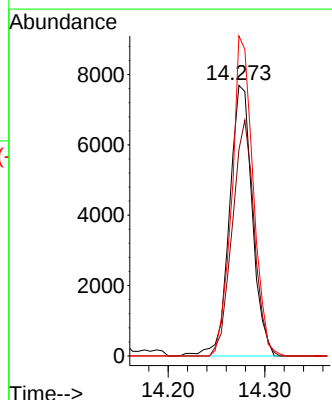
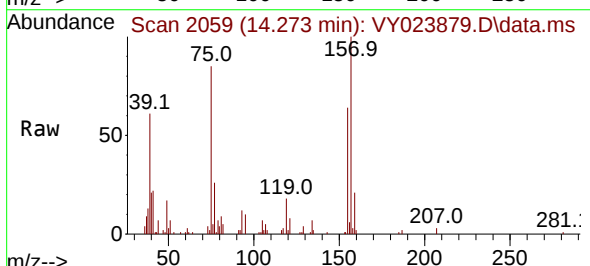
Tgt Ion: 75 Resp: 12554

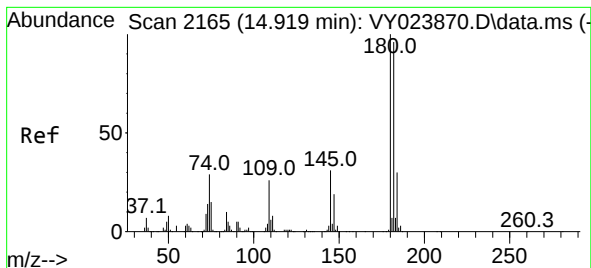
Ion Ratio Lower Upper

75 100

155 84.3 44.4 133.2

157 110.6 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 18.742 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

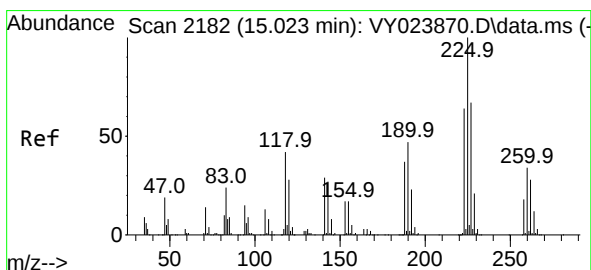
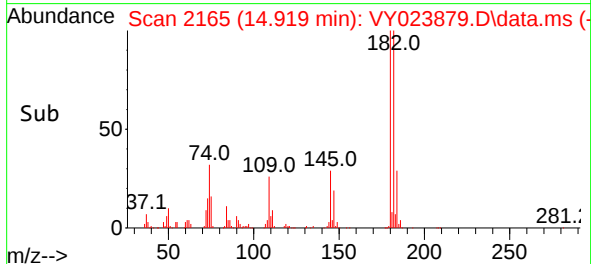
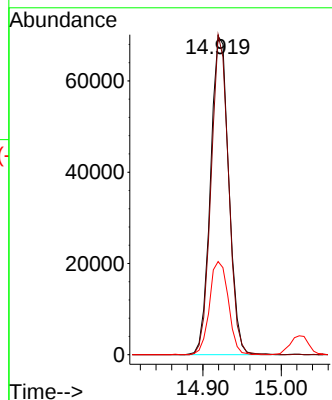
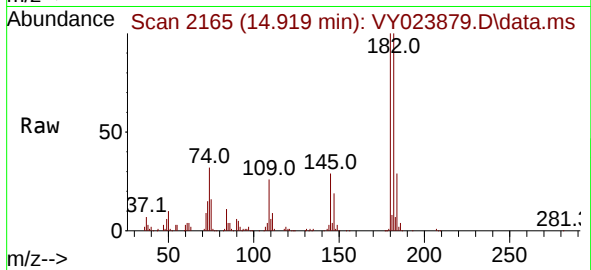
Tgt Ion:180 Resp: 113247

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 30.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 19.578 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023879.D

Acq: 04 Dec 2025 09:04

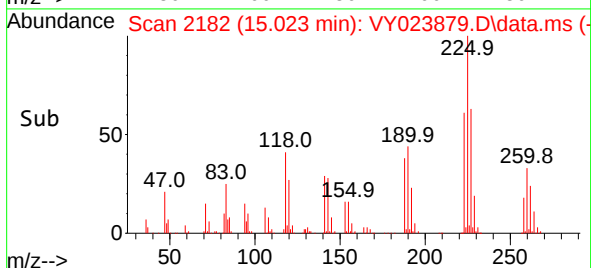
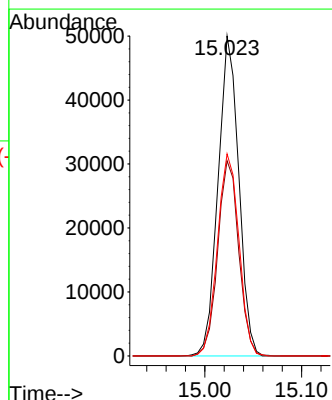
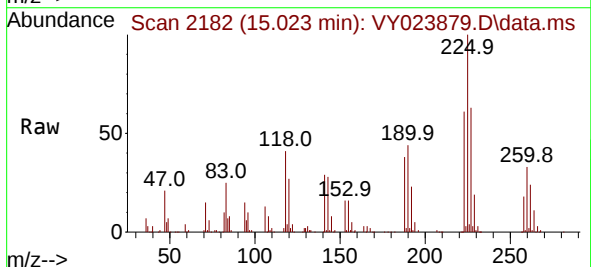
Tgt Ion:225 Resp: 74221

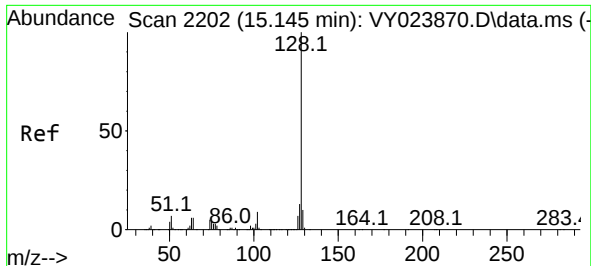
Ion Ratio Lower Upper

225 100

223 61.8 31.6 95.0

227 65.5 32.6 97.8

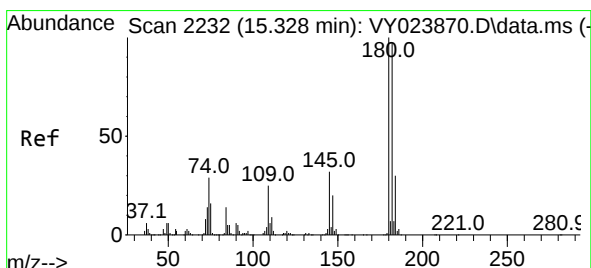
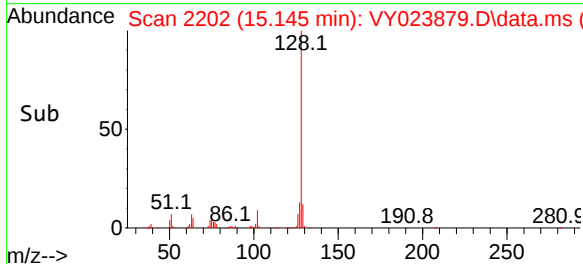
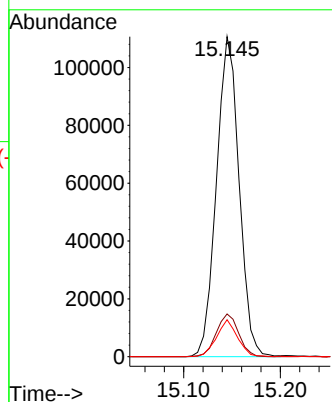
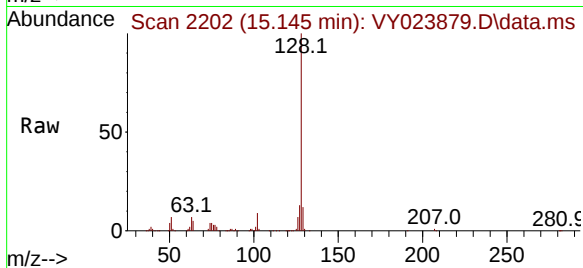




#95
Naphthalene
Concen: 18.044 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tgt Ion:128 Resp: 179684
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.839 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY023879.D
Acq: 04 Dec 2025 09:04

Tgt Ion:180 Resp: 97141
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.8
145 32.0 15.7 47.1

