

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023989.D
 Acq On : 16 Dec 2025 14:51
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 17 03:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	487477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	676322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	590011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	301822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	394048	106.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.900%#	
35) Dibromofluoromethane	7.640	113	440590	108.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.720%#	
50) Toluene-d8	10.109	98	1605979	109.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 219.940%#	
62) 4-Bromofluorobenzene	12.408	95	534029	111.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 223.120%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	323412	103.404	ug/l	97
3) Chloromethane	2.074	50	412448	112.664	ug/l	99
4) Vinyl Chloride	2.214	62	530441	114.690	ug/l	97
5) Bromomethane	2.604	94	440921	107.421	ug/l	99
6) Chloroethane	2.745	64	366898	112.618	ug/l	99
7) Trichlorofluoromethane	3.068	101	811778	109.956	ug/l	98
8) Diethyl Ether	3.464	74	219948	111.487	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	465637	105.237	ug/l	98
10) Methyl Iodide	4.019	142	617074	111.875	ug/l	99
11) Tert butyl alcohol	4.878	59	122575	568.343	ug/l	100
12) 1,1-Dichloroethene	3.799	96	452564	112.858	ug/l	95
13) Acrolein	3.665	56	193177	534.193	ug/l	98
14) Allyl chloride	4.397	41	569784	117.308	ug/l	99
15) Acrylonitrile	5.067	53	443953	579.287	ug/l	99
16) Acetone	3.879	43	500477	525.979	ug/l	99
17) Carbon Disulfide	4.116	76	1221921	121.766	ug/l	99
18) Methyl Acetate	4.397	43	196770	118.246	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	1110218	116.532	ug/l	100
20) Methylene Chloride	4.628	84	460601	90.971	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	499476	114.616	ug/l	99
22) Diisopropyl ether	6.031	45	1316116	117.328	ug/l	98
23) Vinyl Acetate	5.970	43	3729783	610.823	ug/l	100
24) 1,1-Dichloroethane	5.927	63	816997	111.933	ug/l	98
25) 2-Butanone	6.902	43	608411	538.015	ug/l	100
26) 2,2-Dichloropropane	6.896	77	765865	112.440	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	593194	114.915	ug/l	98
28) Bromochloromethane	7.256	49	333475	114.480	ug/l	99
29) Tetrahydrofuran	7.268	42	345479	603.418	ug/l	99
30) Chloroform	7.433	83	886042	109.422	ug/l	99
31) Cyclohexane	7.713	56	711942	110.399	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	833426	110.956	ug/l	100
36) 1,1-Dichloropropene	7.847	75	638014	115.009	ug/l	100
37) Ethyl Acetate	6.994	43	246282	117.277	ug/l	100
38) Carbon Tetrachloride	7.829	117	772553	111.174	ug/l	100
39) Methylcyclohexane	9.115	83	880518	119.042	ug/l	98
40) Benzene	8.091	78	1936836	113.869	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023989.D
 Acq On : 16 Dec 2025 14:51
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 17 03:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	135272	106.676	ug/l	92
42) 1,2-Dichloroethane	8.164	62	495418	113.045	ug/l	99
43) Isopropyl Acetate	8.207	43	496674	122.268	ug/l	99
44) Trichloroethene	8.872	130	561777	112.075	ug/l	100
45) 1,2-Dichloropropane	9.146	63	432494	113.231	ug/l	99
46) Dibromomethane	9.237	93	262366	114.547	ug/l	98
47) Bromodichloromethane	9.426	83	676225	113.792	ug/l	98
48) Methyl methacrylate	9.225	41	241591	122.022	ug/l	99
49) 1,4-Dioxane	9.237	88	57725	2313.854	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	1312615	617.308	ug/l	100
52) Toluene	10.176	92	1311251	110.742	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	608491	120.473	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	716450	118.398	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	353240	112.282	ug/l	99
56) Ethyl methacrylate	10.445	69	464598	106.931	ug/l	99
57) 1,3-Dichloropropane	10.719	76	575014	114.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	872464	515.858	ug/l	100
59) 2-Hexanone	10.762	43	951098	595.198	ug/l	100
60) Dibromochloromethane	10.914	129	508565	114.948	ug/l	100
61) 1,2-Dibromoethane	11.018	107	334797	114.932	ug/l	100
64) Tetrachloroethene	10.652	164	652710	107.821	ug/l	98
65) Chlorobenzene	11.444	112	1447917	111.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	510921	111.489	ug/l	100
67) Ethyl Benzene	11.524	91	2484959	117.640	ug/l	100
68) m/p-Xylenes	11.633	106	1985556	234.030	ug/l	100
69) o-Xylene	11.956	106	932155	118.123	ug/l	100
70) Styrene	11.975	104	1525616	120.448	ug/l	100
71) Bromoform	12.133	173	310928	113.726	ug/l #	98
73) Isopropylbenzene	12.255	105	2453842	118.029	ug/l	100
74) N-amyl acetate	12.072	43	456785	110.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	363749	115.480	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	492382	184.254	ug/l #	100
77) Bromobenzene	12.536	156	590228	112.946	ug/l	98
78) n-propylbenzene	12.597	91	2811922	118.014	ug/l	100
79) 2-Chlorotoluene	12.682	91	1580174	115.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1934727	118.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	124482	119.213	ug/l	98
82) 4-Chlorotoluene	12.779	91	1597747	114.088	ug/l	99
83) tert-Butylbenzene	12.999	119	1801957	117.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	1905197	117.874	ug/l	100
85) sec-Butylbenzene	13.176	105	2568608	115.959	ug/l	99
86) p-Isopropyltoluene	13.292	119	2192839	117.834	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	1121459	111.533	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	1090961	110.554	ug/l	100
89) n-Butylbenzene	13.621	91	1903767	118.414	ug/l	100
90) Hexachloroethane	13.883	117	436199	112.271	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	956817	110.325	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	53587	116.735	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	564090	114.336	ug/l	100
94) Hexachlorobutadiene	15.023	225	362949	105.082	ug/l	99
95) Naphthalene	15.145	128	929696	107.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	474010	114.488	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
Data File : VY023989.D
Acq On : 16 Dec 2025 14:51
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

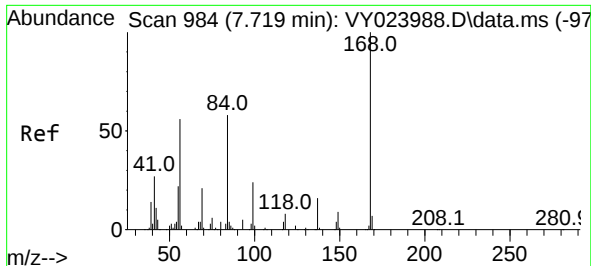
Quant Time: Dec 17 03:36:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:31:24 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 17 03:36:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:31:24 2025
Response via : Initial Calibration

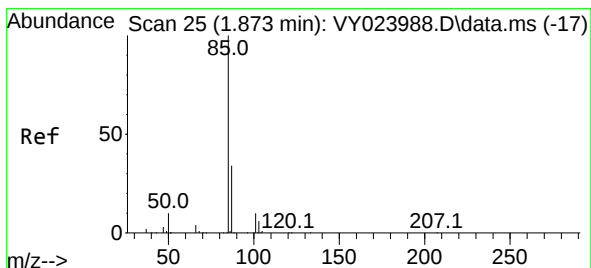
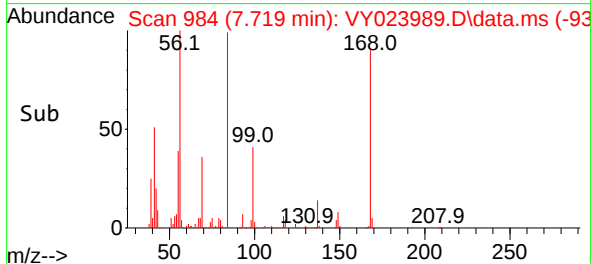
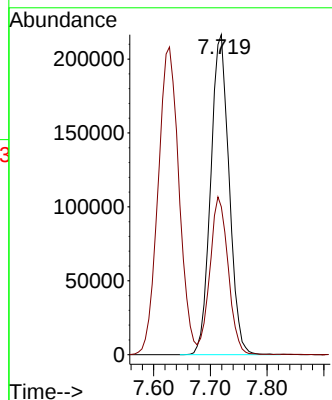
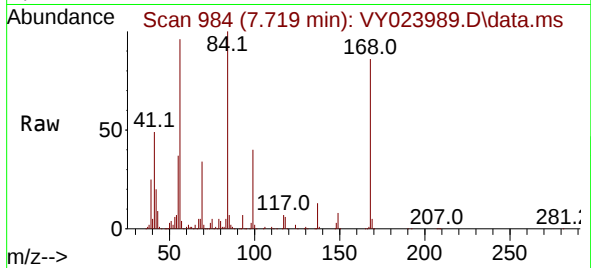




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

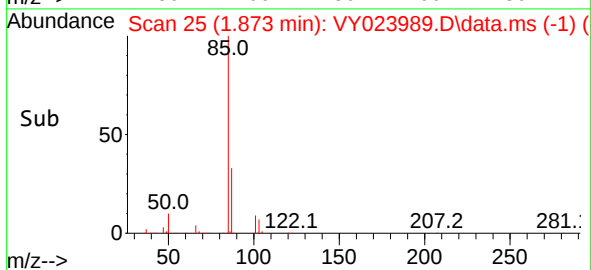
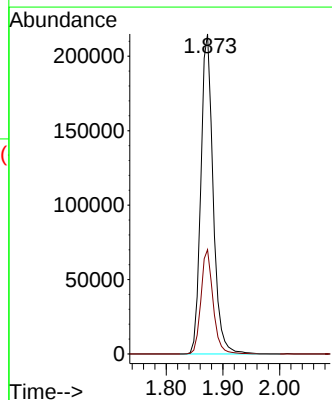
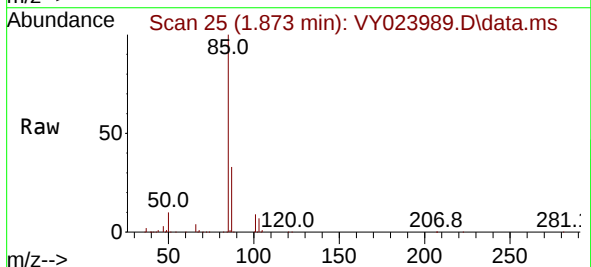
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

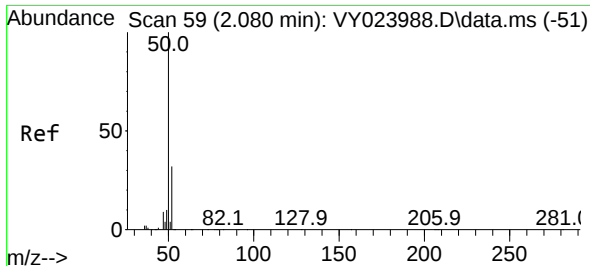
Tgt Ion:168 Resp: 487477
Ion Ratio Lower Upper
168 100
99 46.1 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 103.404 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 85 Resp: 323412
Ion Ratio Lower Upper
85 100
87 32.6 17.3 51.7

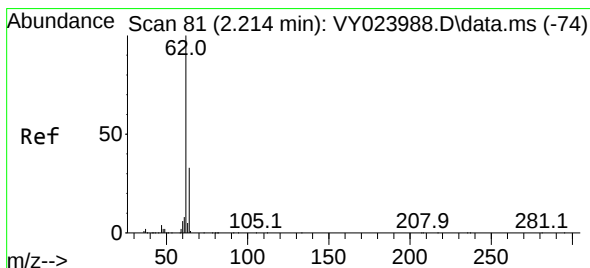
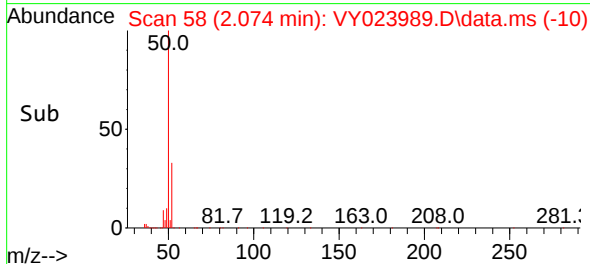
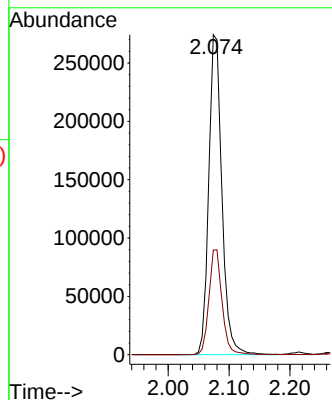
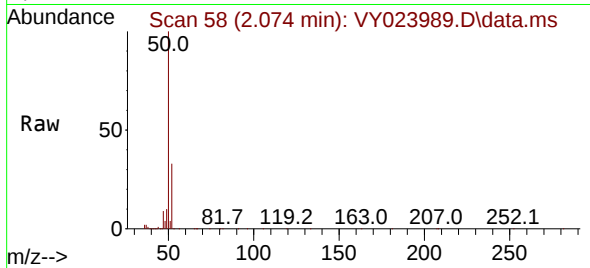




#3
Chloromethane
Concen: 112.664 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

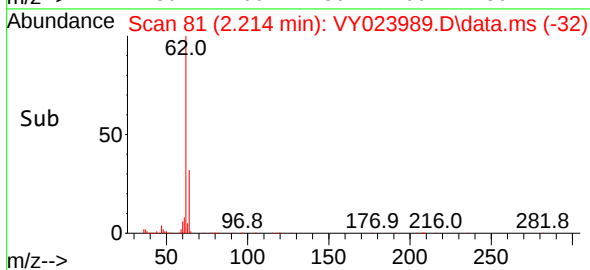
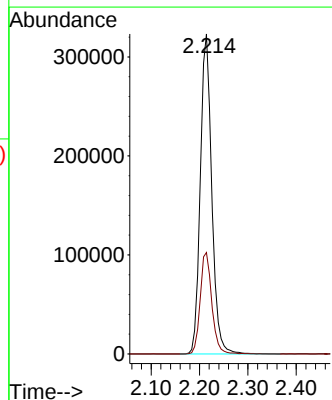
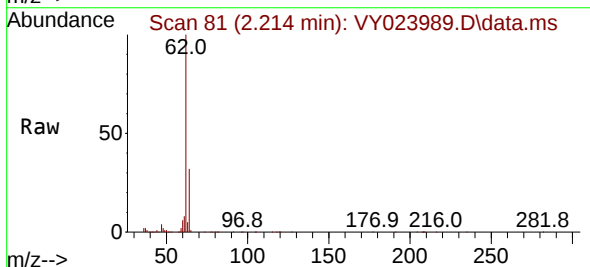
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

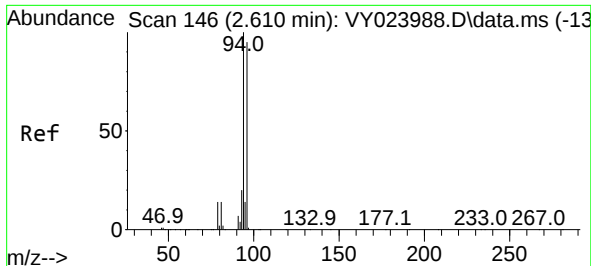
Tgt Ion: 50 Resp: 412448
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



#4
Vinyl Chloride
Concen: 114.690 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 62 Resp: 530441
Ion Ratio Lower Upper
62 100
64 31.7 26.6 40.0

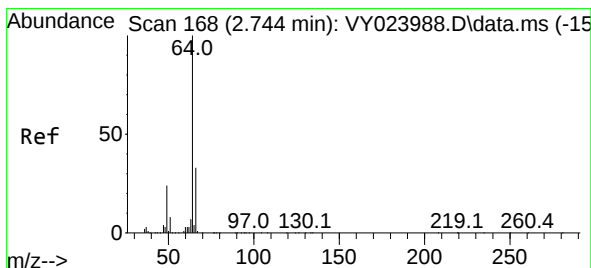
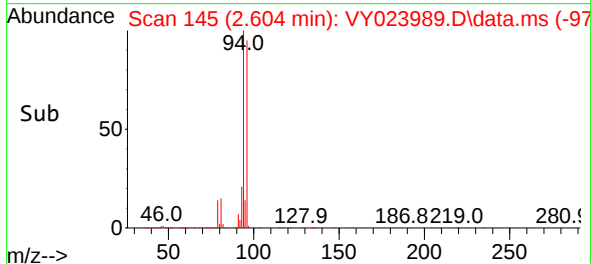
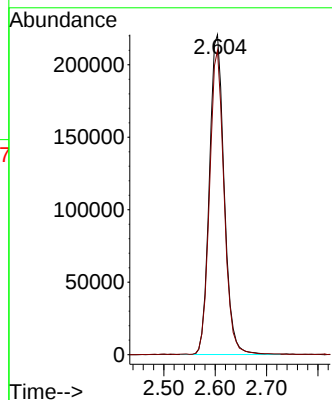
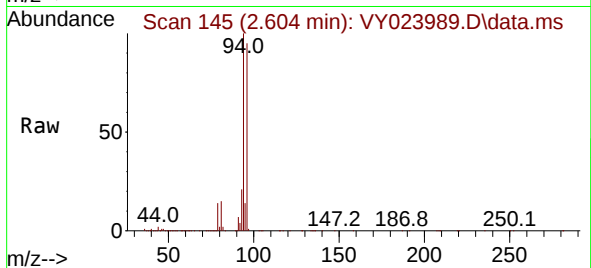




#5
Bromomethane
Concen: 107.421 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

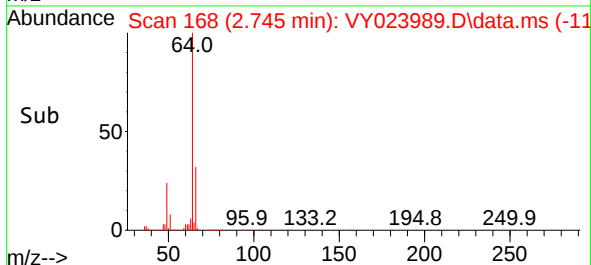
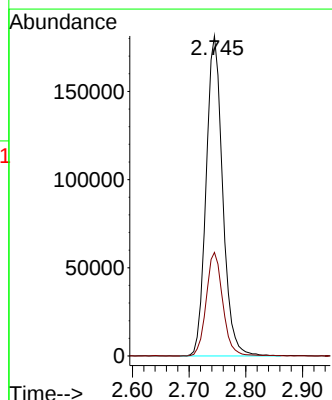
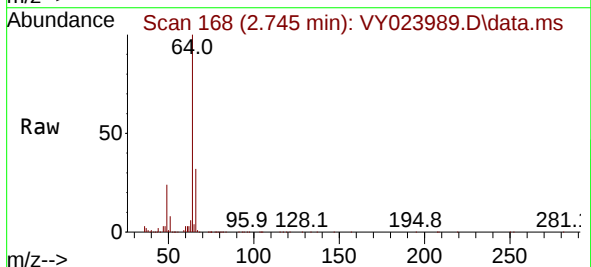
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

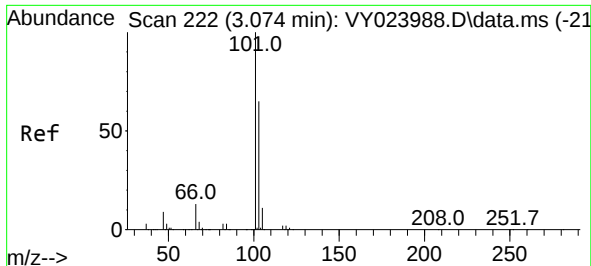
Tgt Ion: 94 Resp: 440921
Ion Ratio Lower Upper
94 100
96 95.0 75.6 113.4



#6
Chloroethane
Concen: 112.618 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 64 Resp: 366898
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

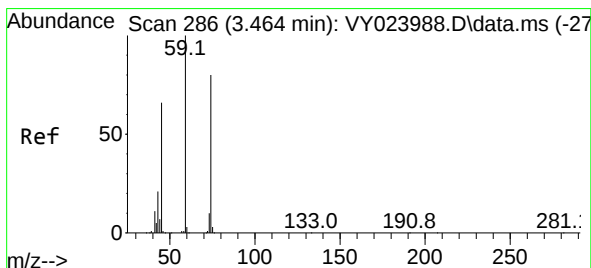
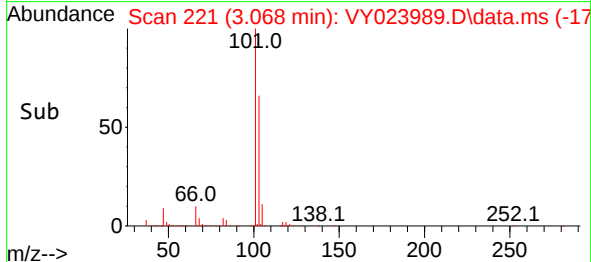
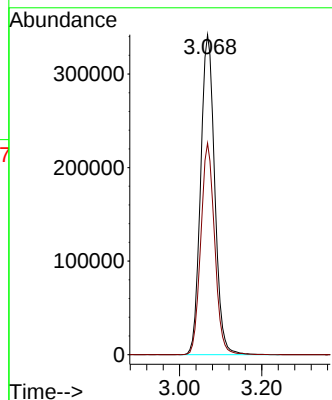
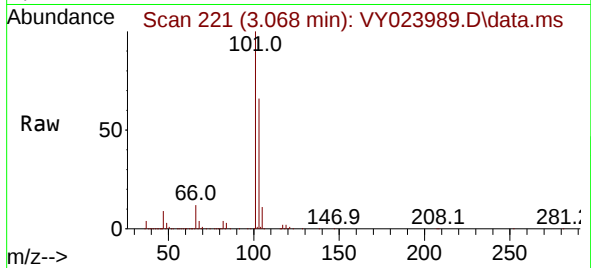




#7
 Trichlorofluoromethane
 Concen: 109.956 ug/l
 RT: 3.068 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

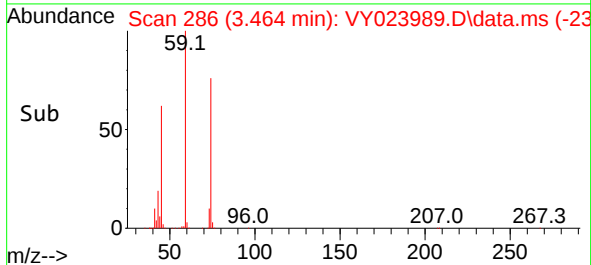
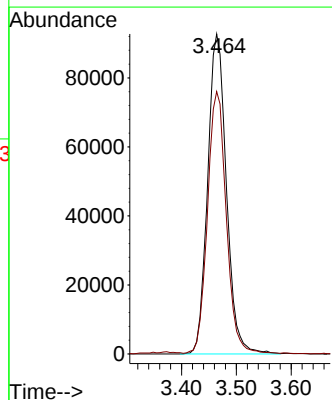
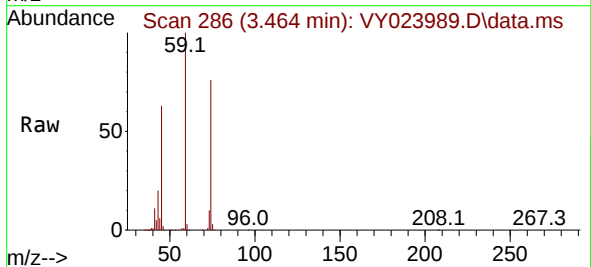
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

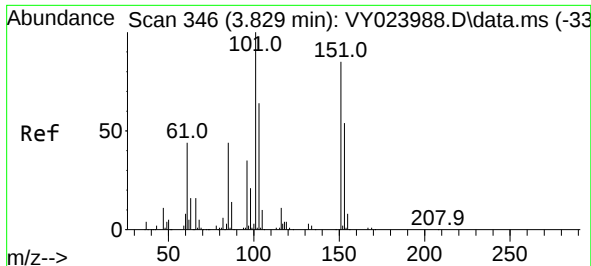
Tgt Ion:101 Resp: 811778
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6



#8
 Diethyl Ether
 Concen: 111.487 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

Tgt Ion: 74 Resp: 219948
 Ion Ratio Lower Upper
 74 100
 45 81.7 39.9 119.7

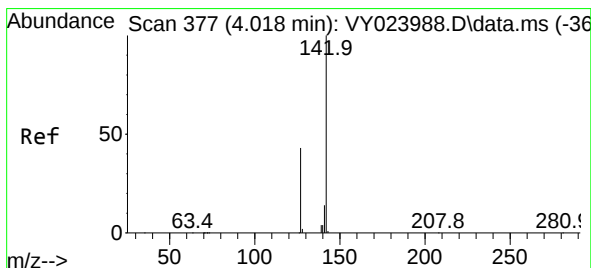
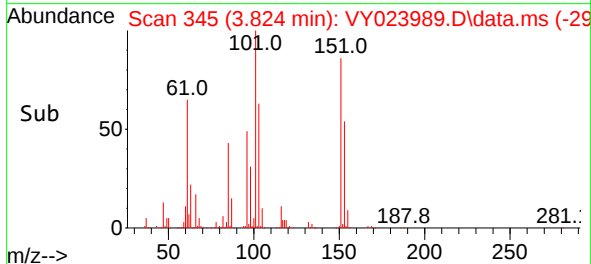
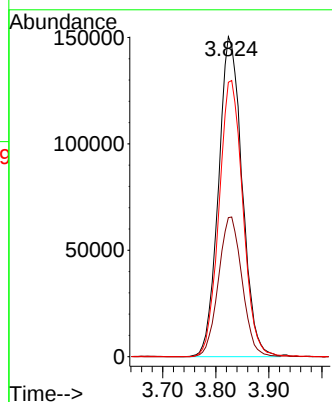
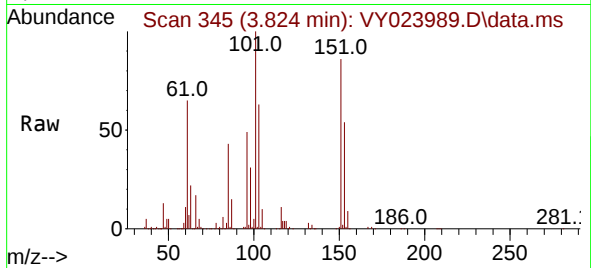




#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.237 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

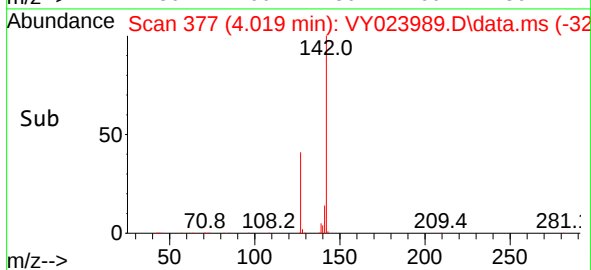
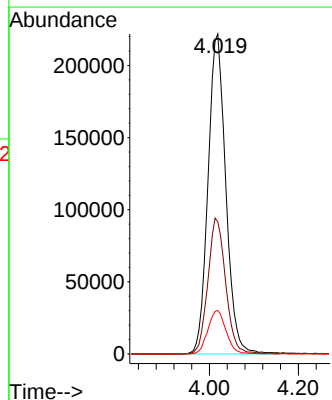
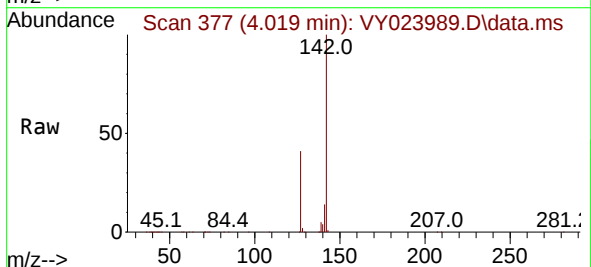
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

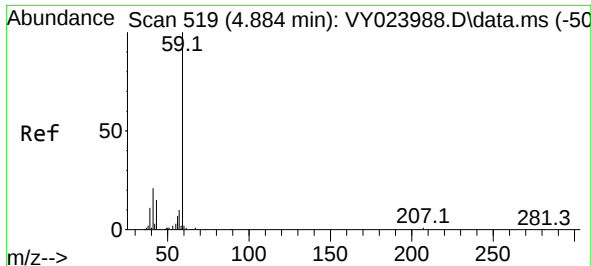
Tgt Ion:101 Resp: 465637
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 87.1 67.6 101.4



#10
Methyl Iodide
Concen: 111.875 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.001 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:142 Resp: 617074
Ion Ratio Lower Upper
142 100
127 42.4 34.3 51.5
141 13.9 11.7 17.5

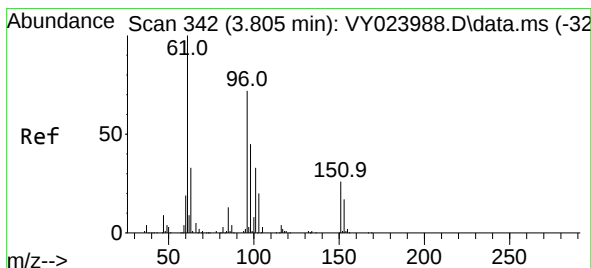
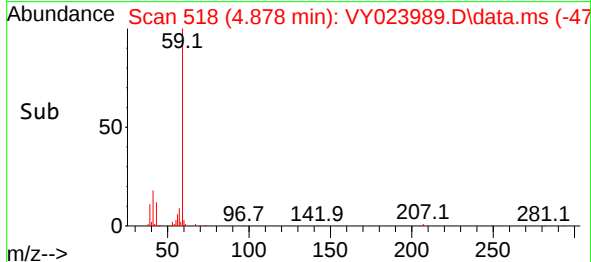
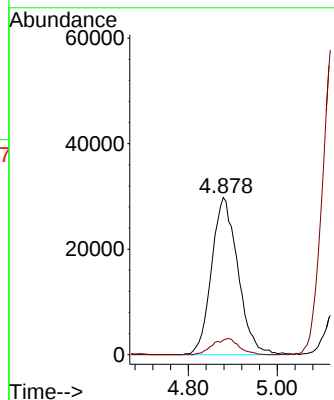
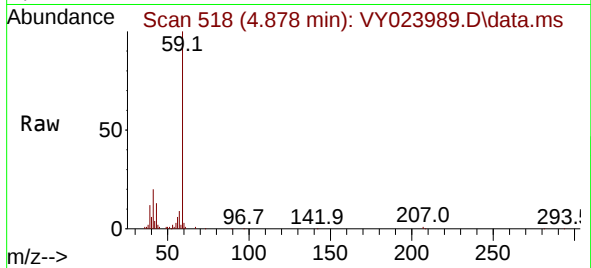




#11
Tert butyl alcohol
Concen: 568.343 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

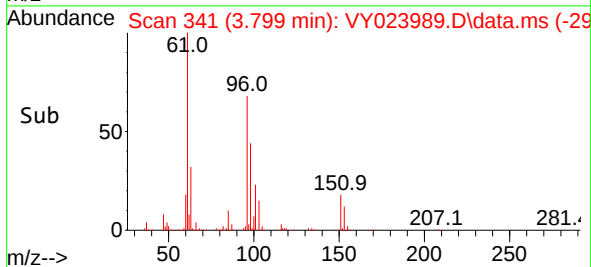
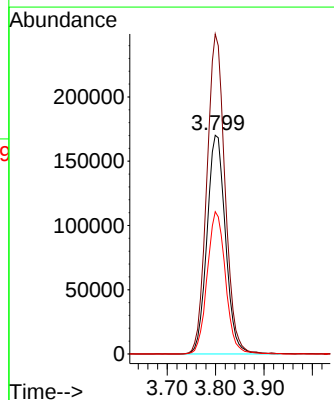
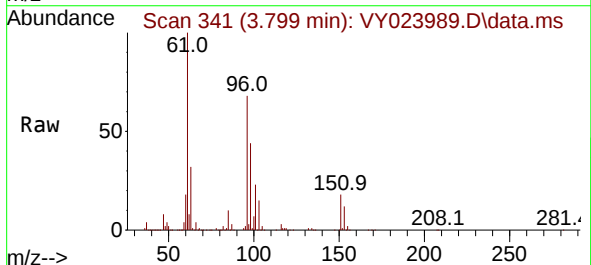
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

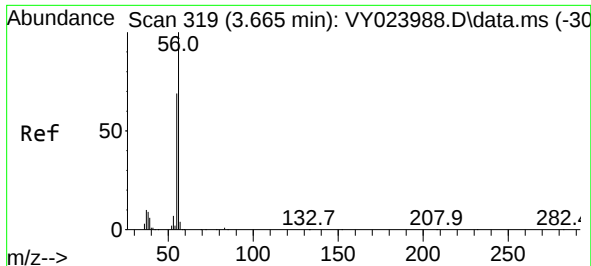
Tgt Ion: 59 Resp: 122575
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 112.858 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 96 Resp: 452564
Ion Ratio Lower Upper
96 100
61 146.3 111.1 166.7
98 65.0 50.2 75.2

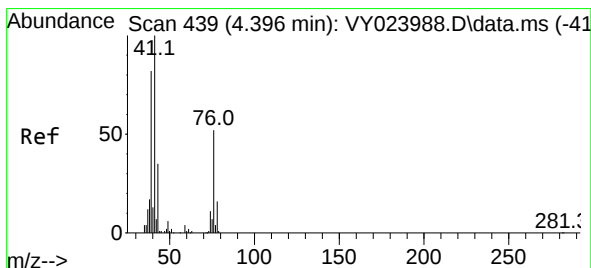
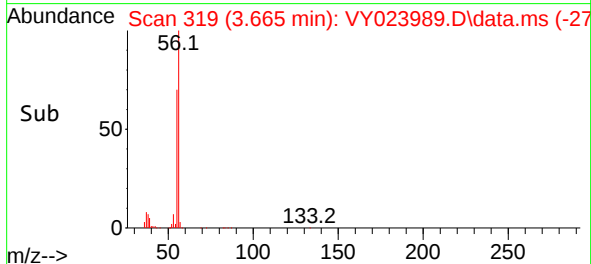
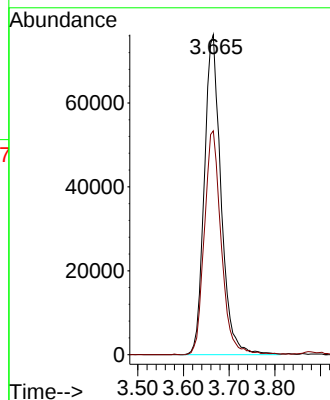
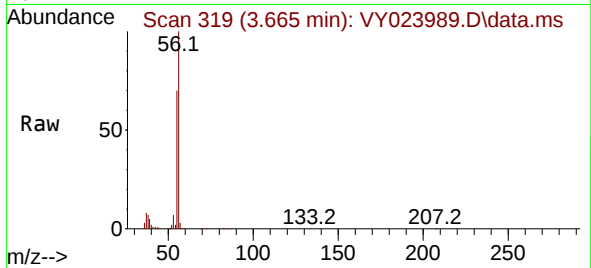




#13
Acrolein
Concen: 534.193 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

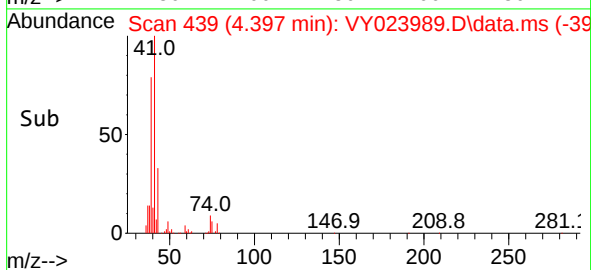
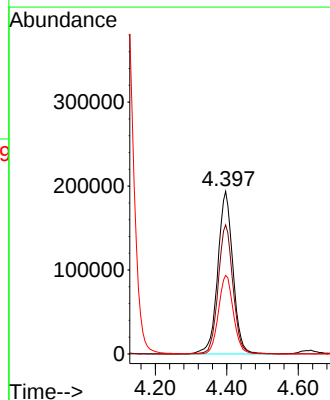
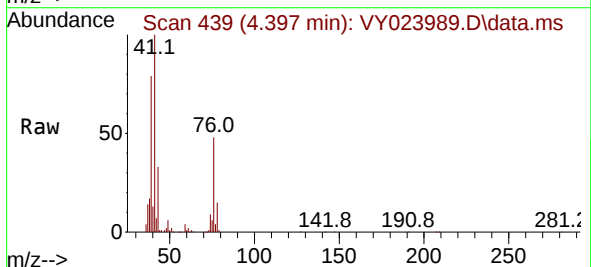
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

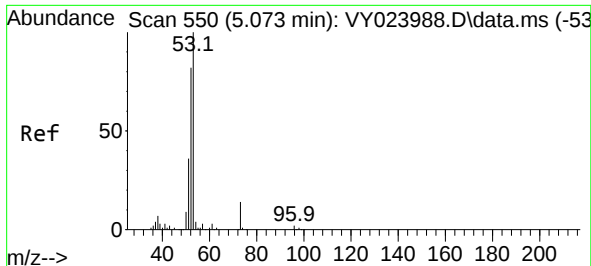
Tgt Ion: 56 Resp: 193177
Ion Ratio Lower Upper
56 100
55 70.6 58.1 87.1



#14
Allyl chloride
Concen: 117.308 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 41 Resp: 569784
Ion Ratio Lower Upper
41 100
39 77.6 62.9 94.3
76 47.3 38.7 58.1

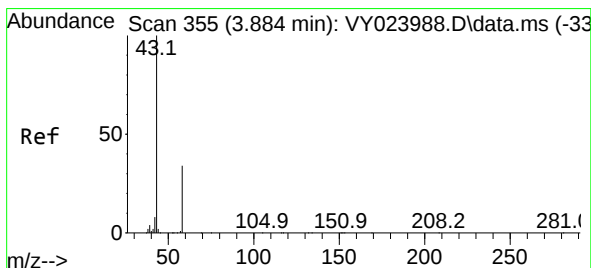
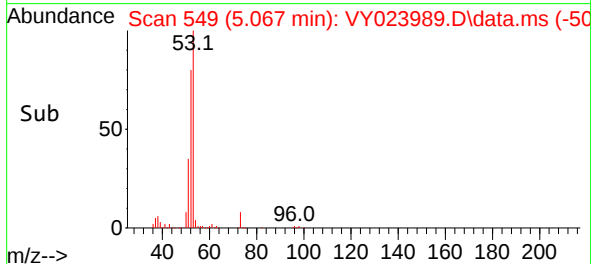
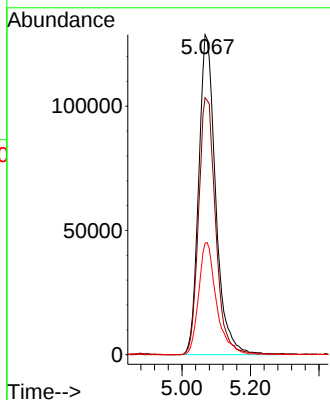
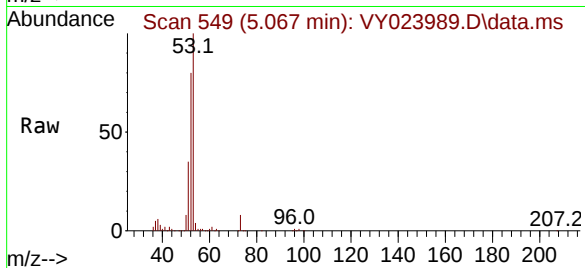




#15
Acrylonitrile
Concen: 579.287 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

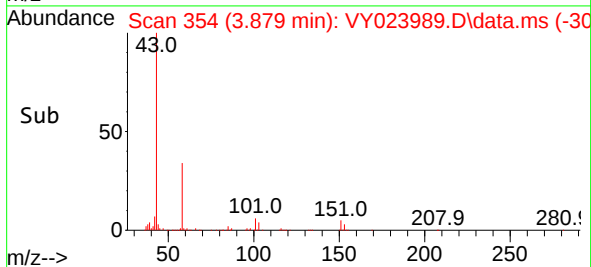
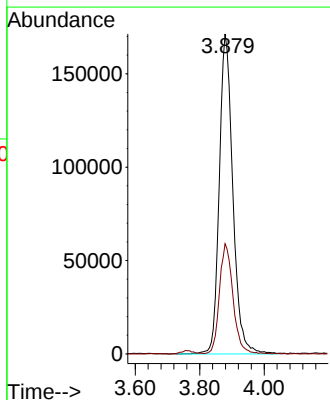
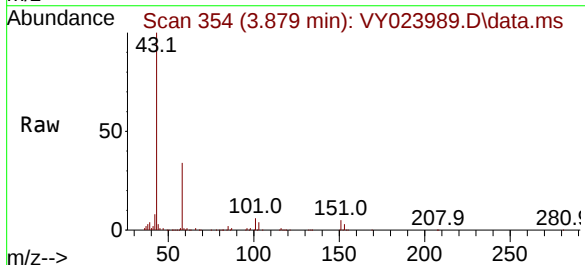
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

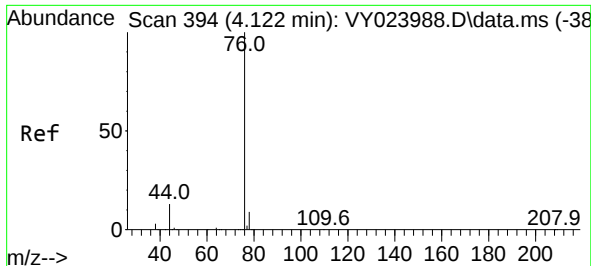
Tgt Ion: 53 Resp: 443953
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.4
51 36.7 29.1 43.7



#16
Acetone
Concen: 525.979 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.005 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 43 Resp: 500477
Ion Ratio Lower Upper
43 100
58 34.3 27.7 41.5

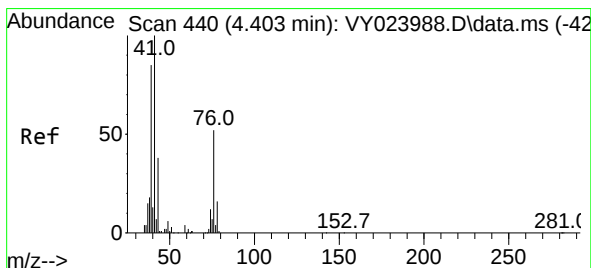
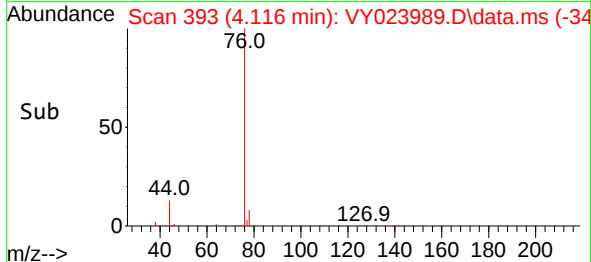
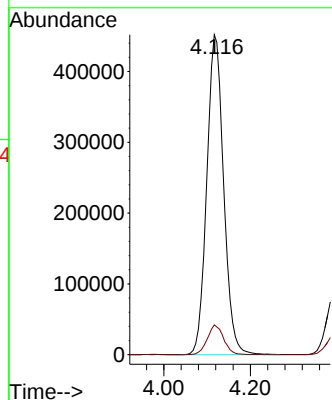
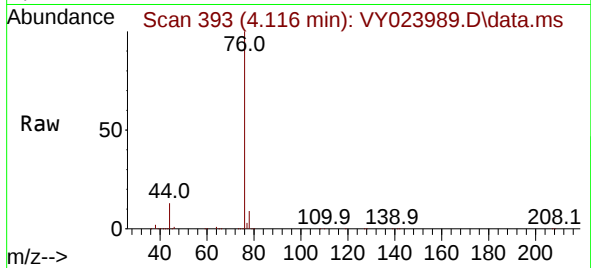




#17
Carbon Disulfide
Concen: 121.766 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

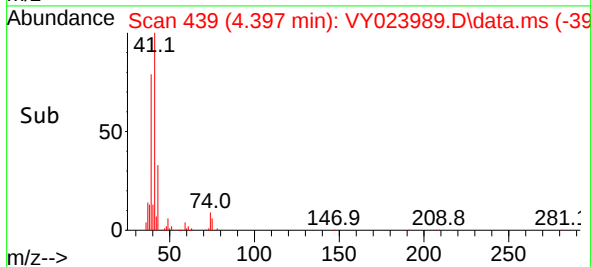
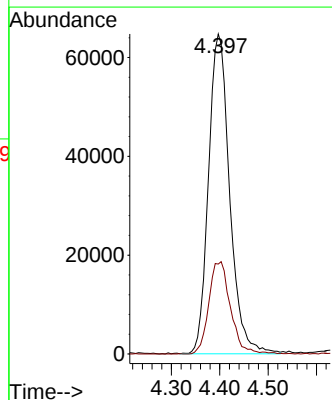
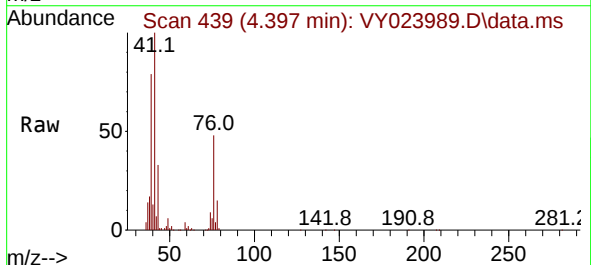
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

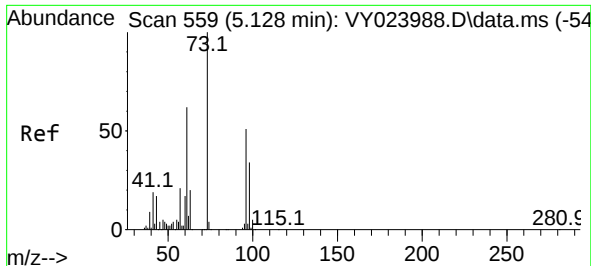
Tgt Ion: 76 Resp: 1221921
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 118.246 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 43 Resp: 196770
Ion Ratio Lower Upper
43 100
74 29.5 24.7 37.1

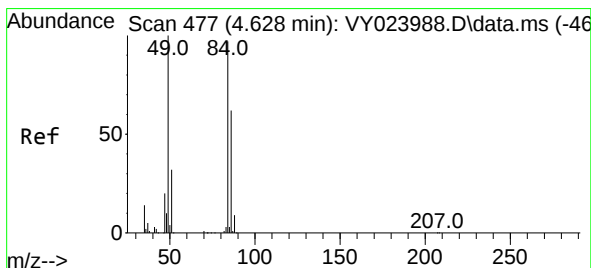
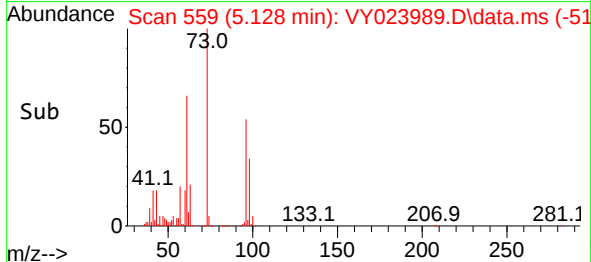
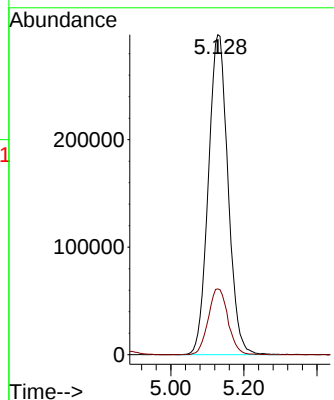
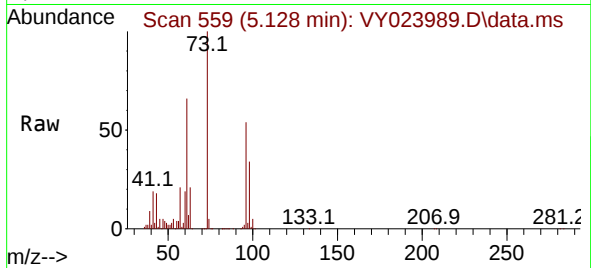




#19
Methyl tert-butyl Ether
Concen: 116.532 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

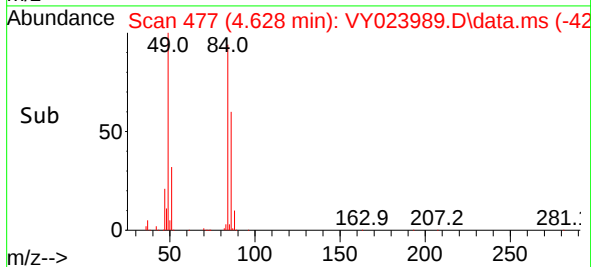
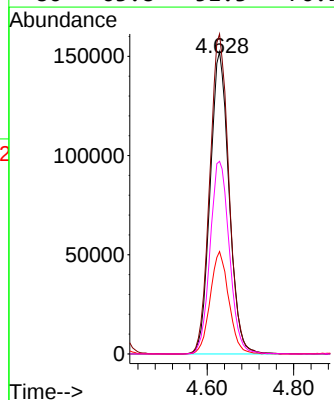
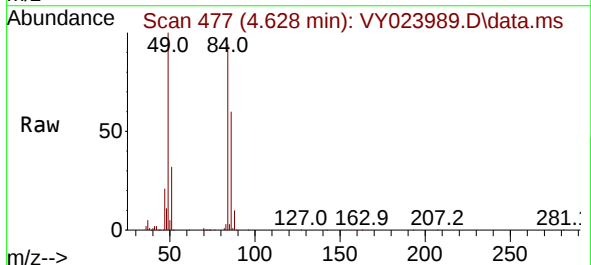
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

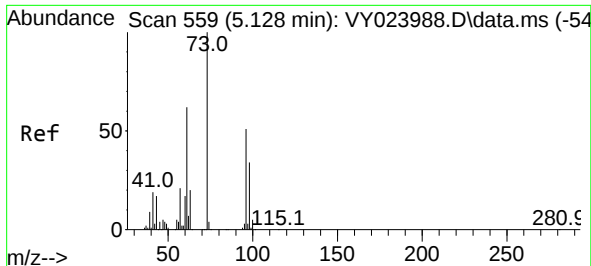
Tgt Ion: 73 Resp: 1110218
Ion Ratio Lower Upper
73 100
57 20.6 16.6 24.8



#20
Methylene Chloride
Concen: 90.971 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 84 Resp: 460601
Ion Ratio Lower Upper
84 100
49 105.9 82.6 124.0
51 33.9 26.4 39.6
86 63.8 51.3 76.9

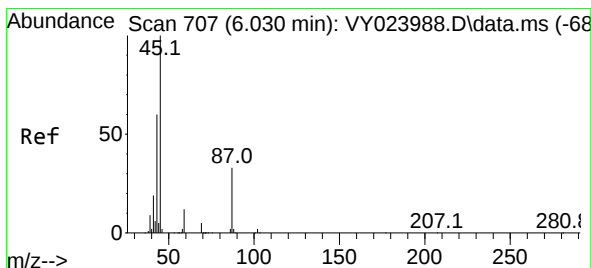
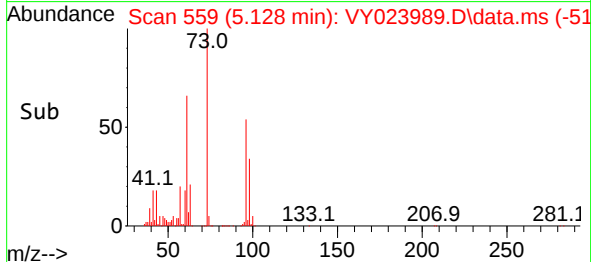
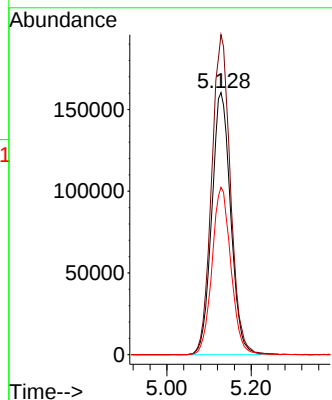
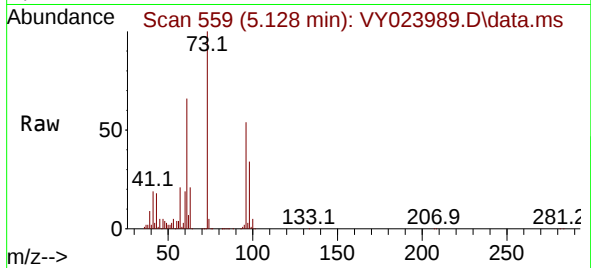




#21
trans-1,2-Dichloroethene
Concen: 114.616 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

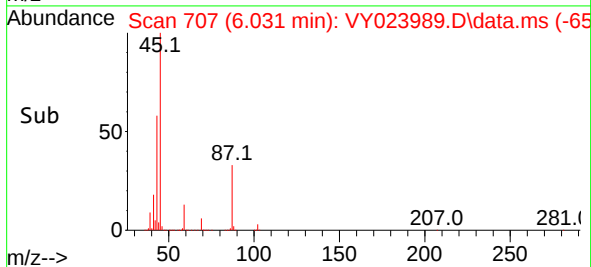
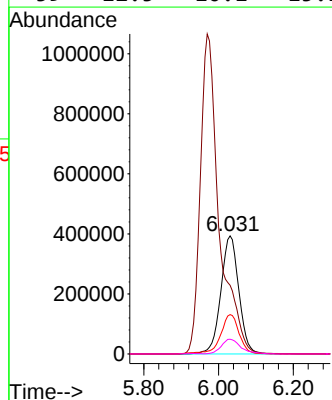
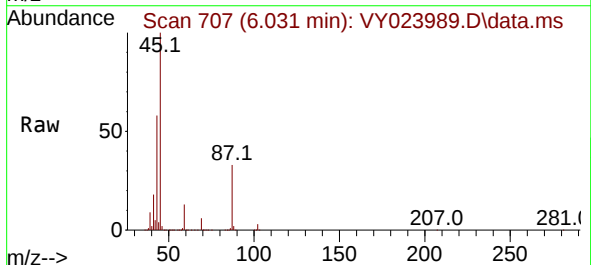
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

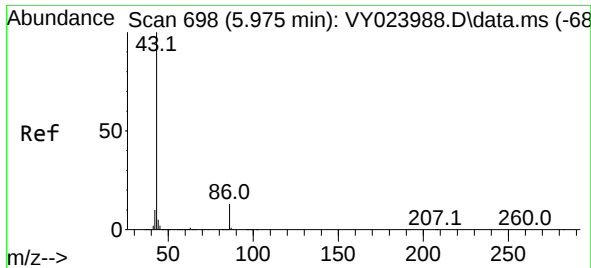
Tgt Ion: 96 Resp: 499476
Ion Ratio Lower Upper
96 100
61 122.1 97.8 146.8
98 63.8 52.8 79.2



#22
Diisopropyl ether
Concen: 117.328 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 45 Resp: 1316116
Ion Ratio Lower Upper
45 100
43 58.1 48.3 72.5
87 33.3 26.8 40.2
59 12.5 10.1 15.1

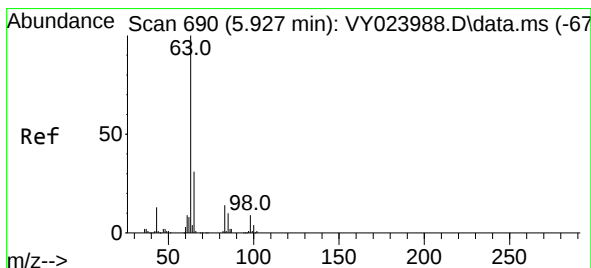
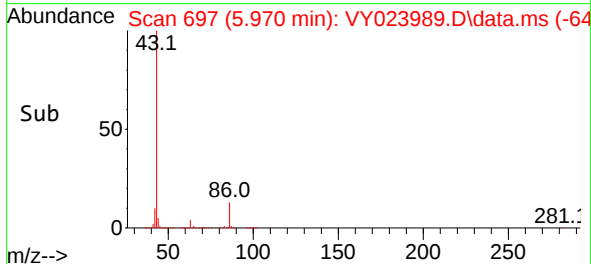
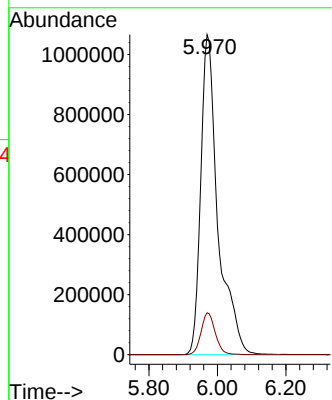
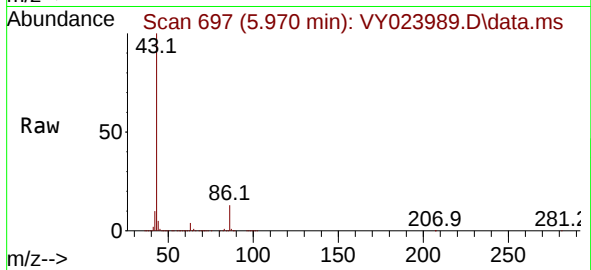




#23
 Vinyl Acetate
 Concen: 610.823 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

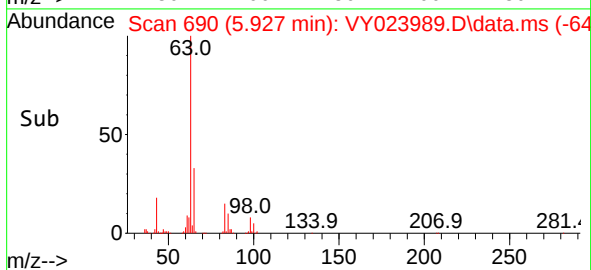
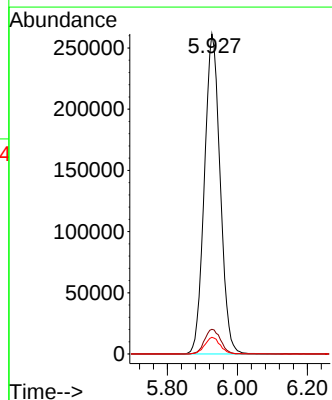
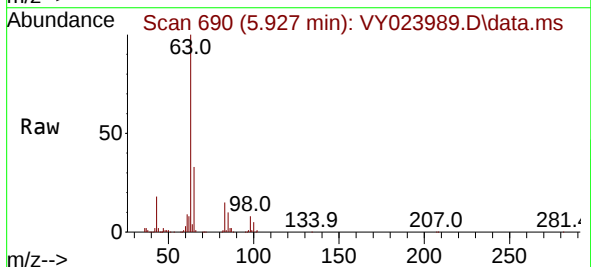
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

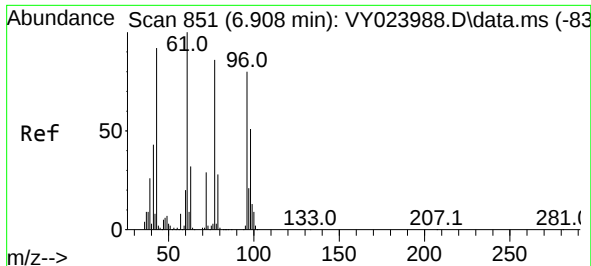
Tgt Ion: 43 Resp: 3729783
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 111.933 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

Tgt Ion: 63 Resp: 816997
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 12.9
 100 5.2 2.2 6.6

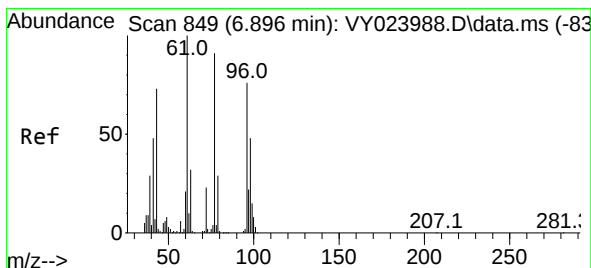
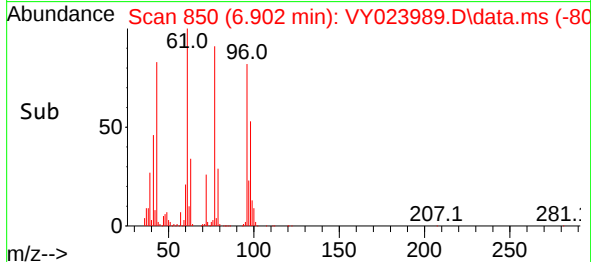
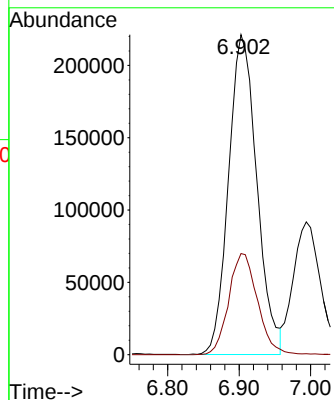
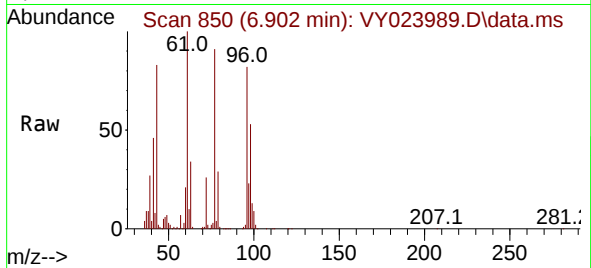




#25
2-Butanone
Concen: 538.015 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

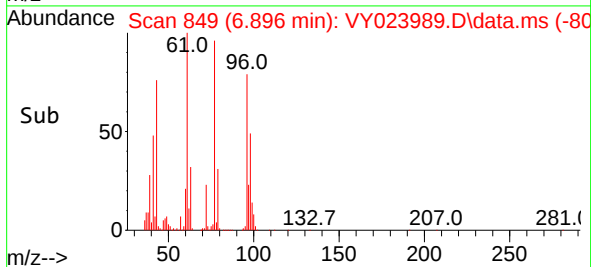
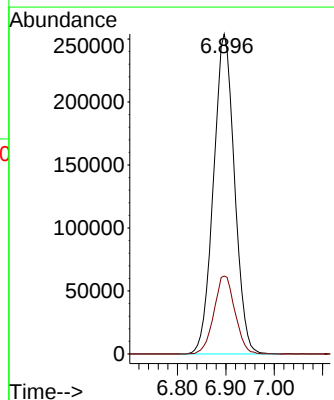
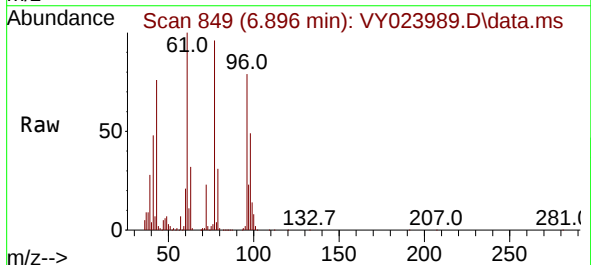
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

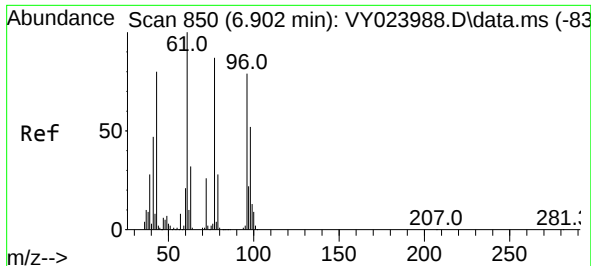
Tgt Ion: 43 Resp: 608411
Ion Ratio Lower Upper
43 100
72 31.7 25.4 38.0



#26
2,2-Dichloropropane
Concen: 112.440 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 77 Resp: 765865
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 114.915 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

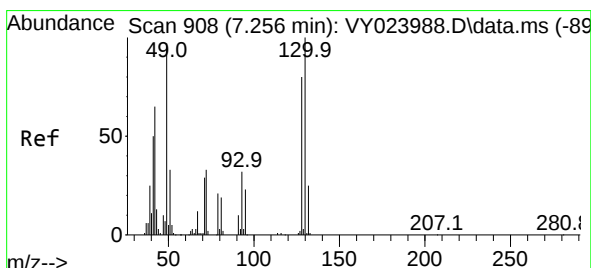
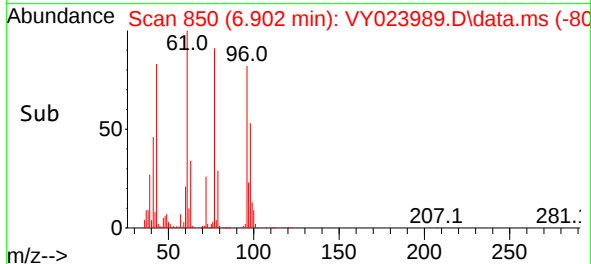
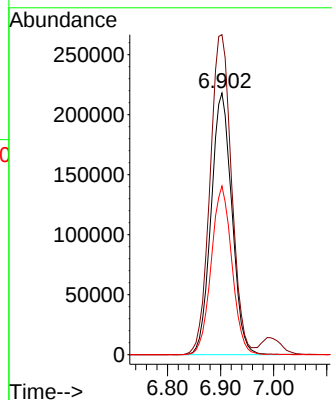
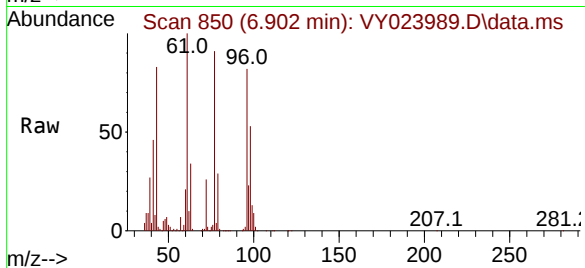
Tgt Ion: 96 Resp: 593194

Ion Ratio Lower Upper

96 100

61 127.2 0.0 258.8

98 64.0 0.0 129.2



#28

Bromochloromethane

Concen: 114.480 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

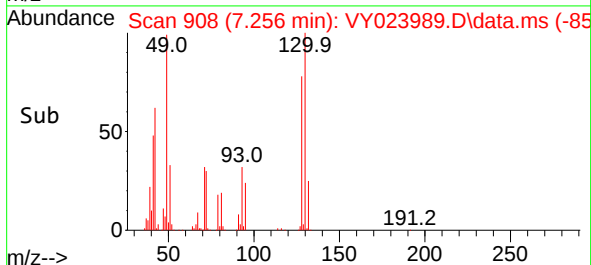
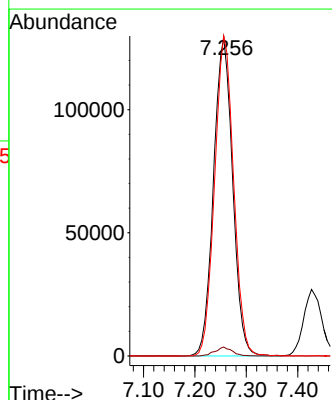
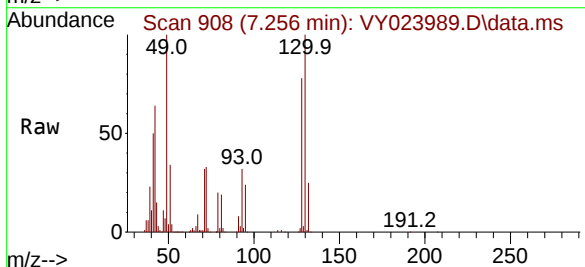
Tgt Ion: 49 Resp: 333475

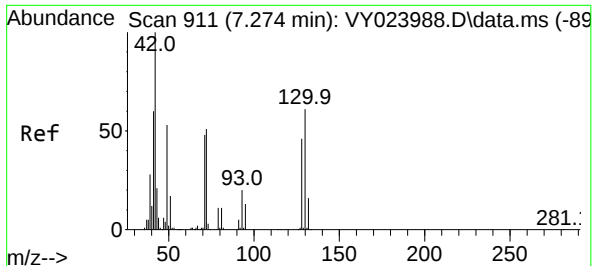
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.4

130 99.8 80.3 120.5

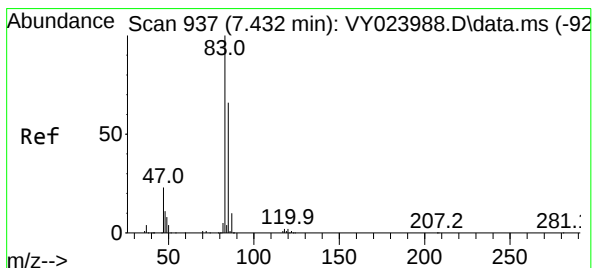
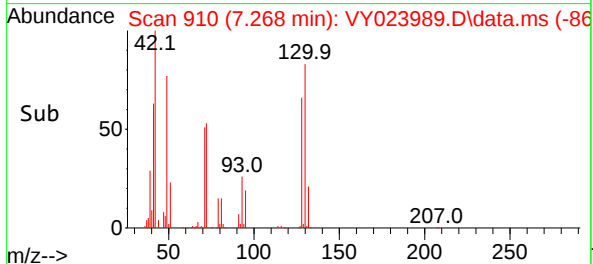
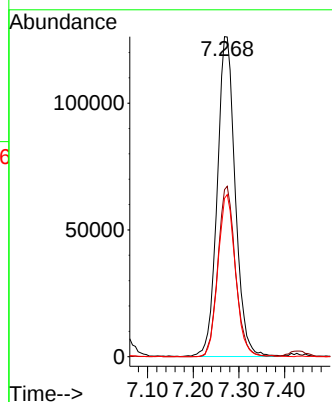
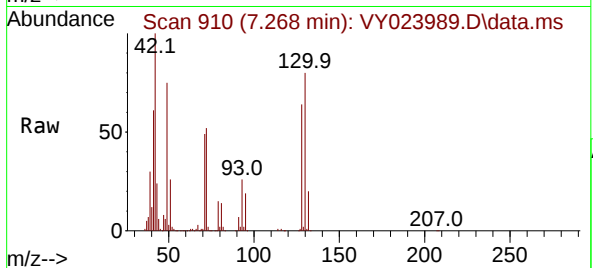




#29
Tetrahydrofuran
Concen: 603.418 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

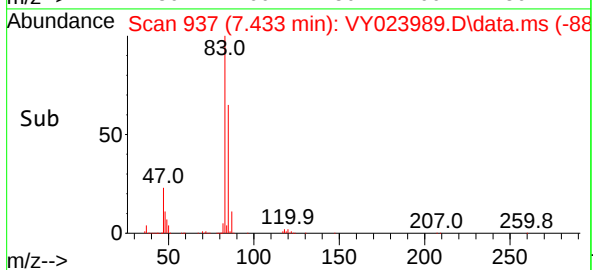
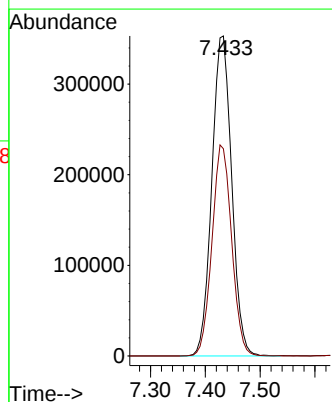
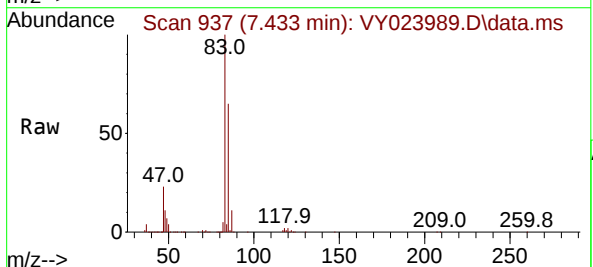
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

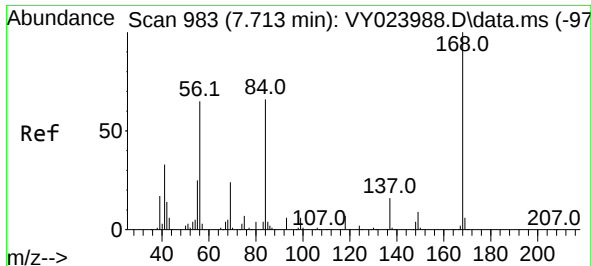
Tgt Ion: 42 Resp: 345479
Ion Ratio Lower Upper
42 100
72 51.9 41.4 62.0
71 49.3 38.6 57.8



#30
Chloroform
Concen: 109.422 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 83 Resp: 886042
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8

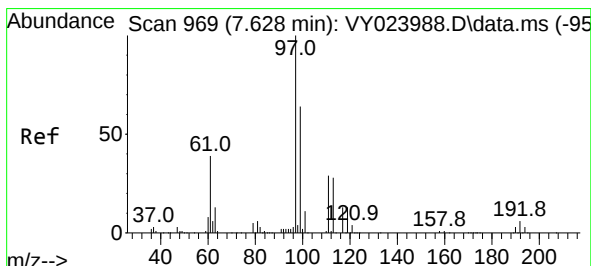
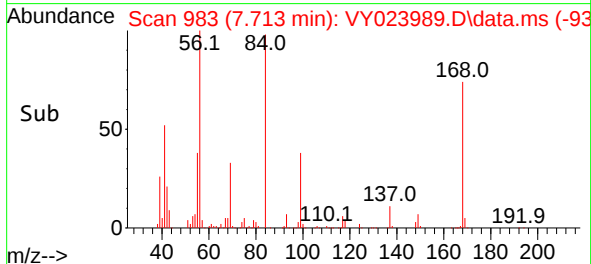
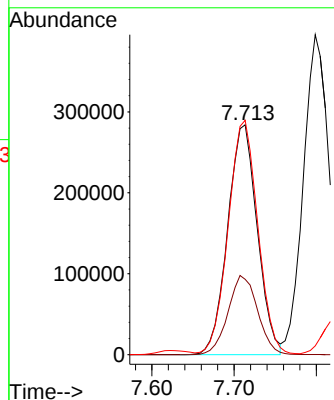
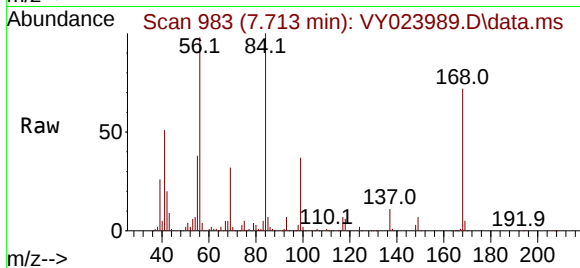




#31
Cyclohexane
Concen: 110.399 ug/l
RT: 7.713 min Scan# 918
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

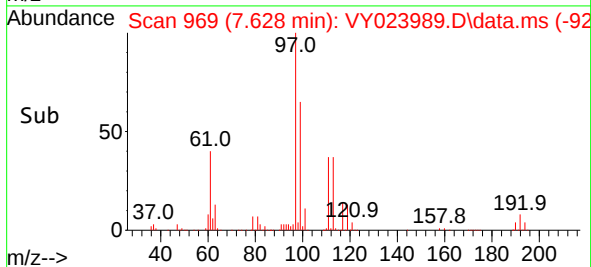
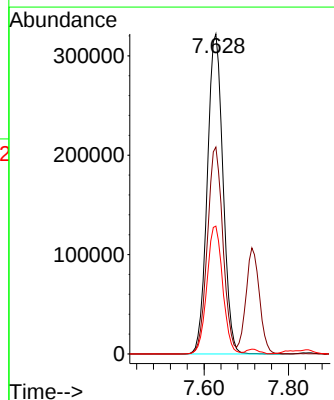
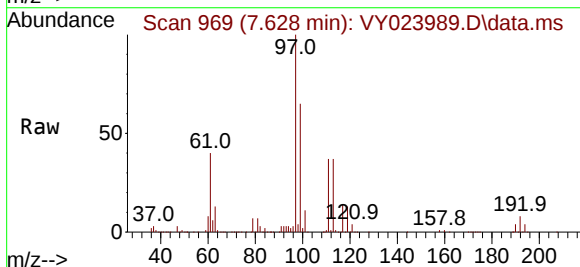
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

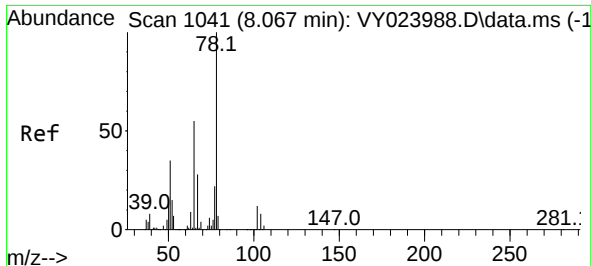
Tgt Ion: 56 Resp: 711942
Ion Ratio Lower Upper
56 100
69 32.8 30.0 45.0
84 100.2 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 110.956 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 97 Resp: 833426
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 40.3 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 106.953 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

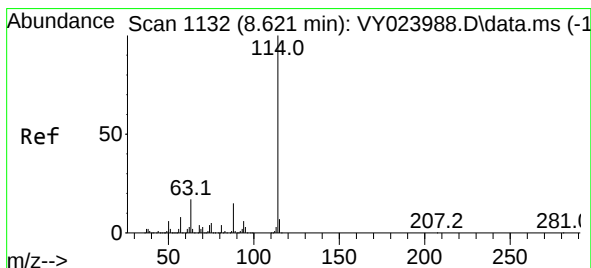
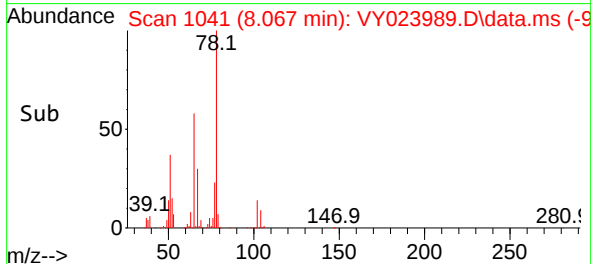
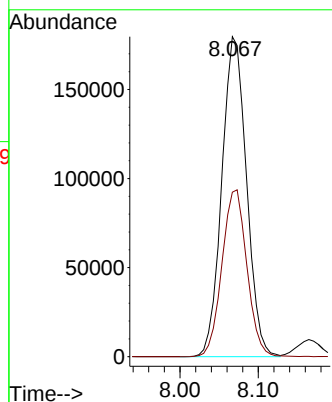
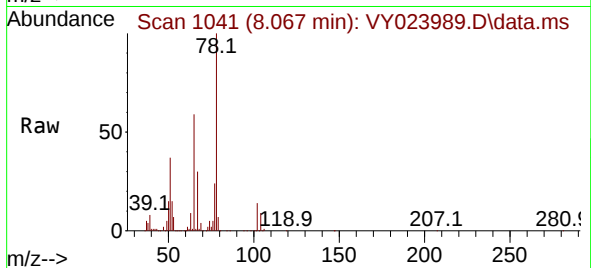
VSTDIC100

Tgt Ion: 65 Resp: 394048

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

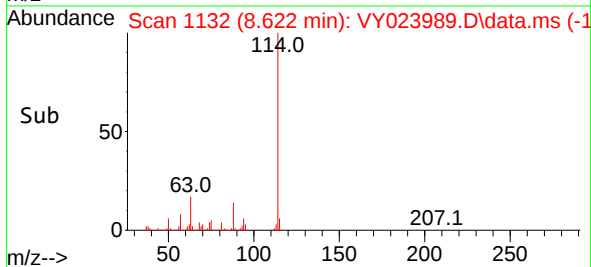
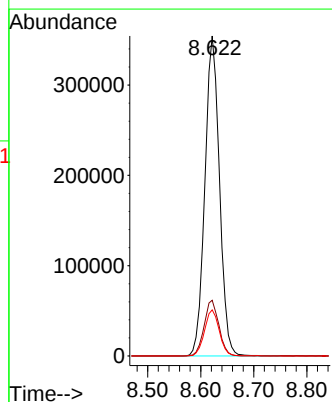
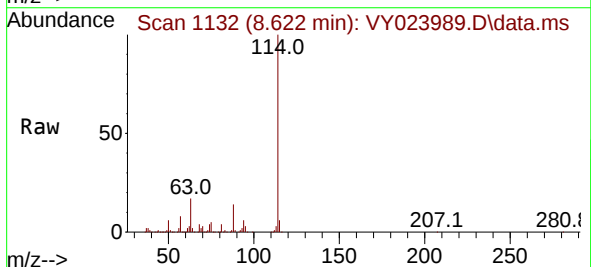
Tgt Ion: 114 Resp: 676322

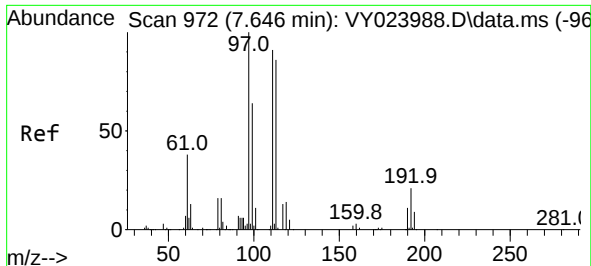
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.6

88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 108.857 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

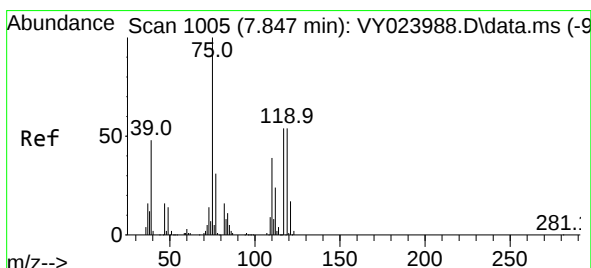
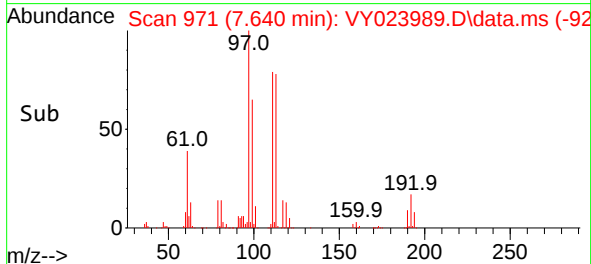
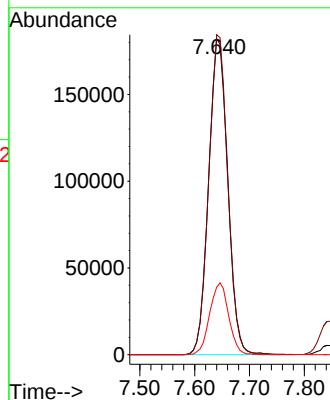
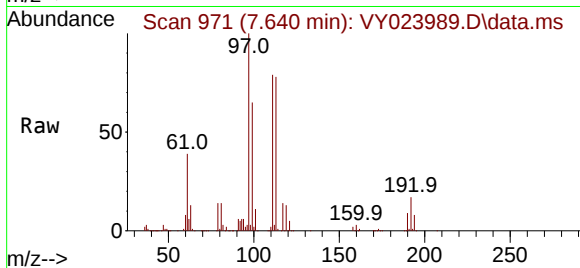
Tgt Ion:113 Resp: 440590

Ion Ratio Lower Upper

113 100

111 100.7 82.1 123.1

192 22.5 18.2 27.4



#36

1,1-Dichloropropene

Concen: 115.009 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

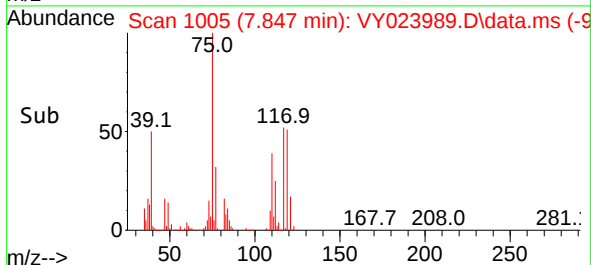
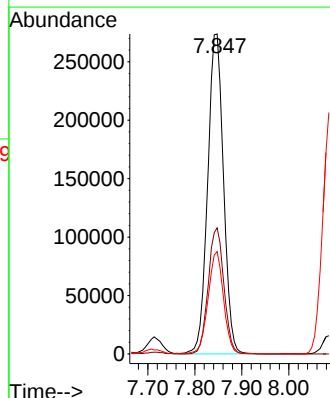
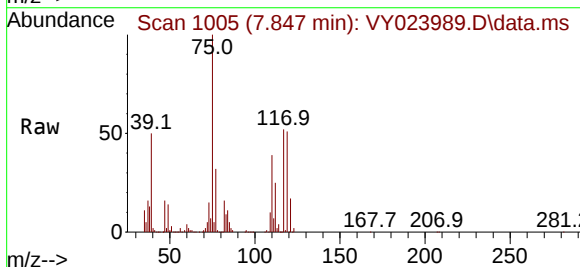
Tgt Ion: 75 Resp: 638014

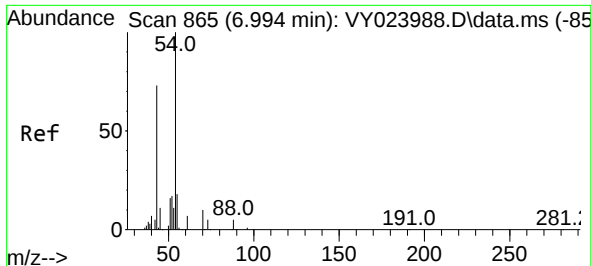
Ion Ratio Lower Upper

75 100

110 39.1 19.6 58.8

77 31.5 25.4 38.0

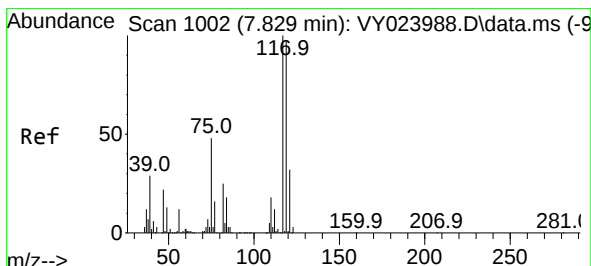
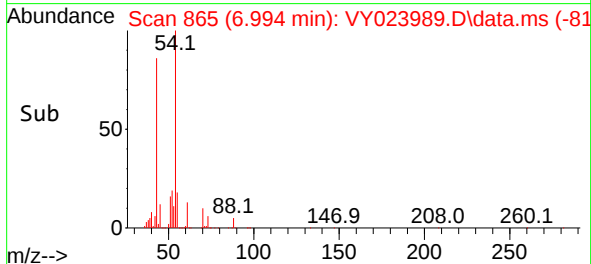
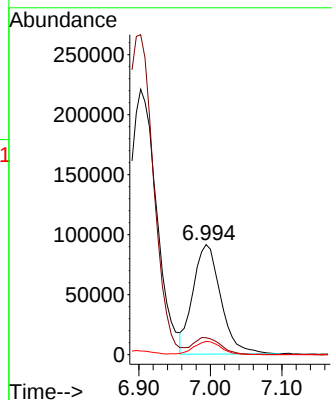
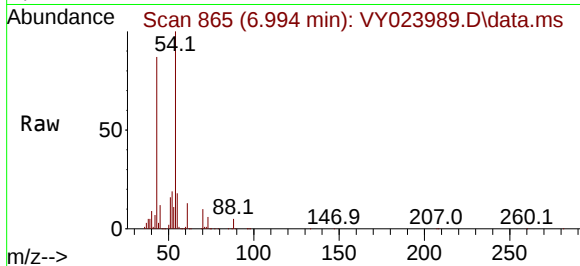




#37
Ethyl Acetate
Concen: 117.277 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

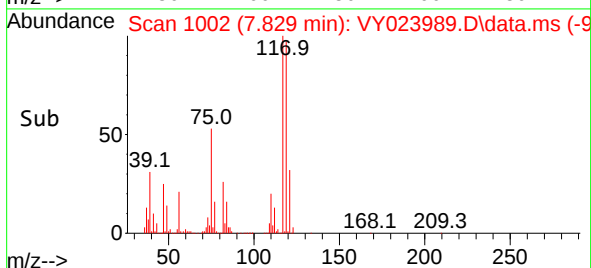
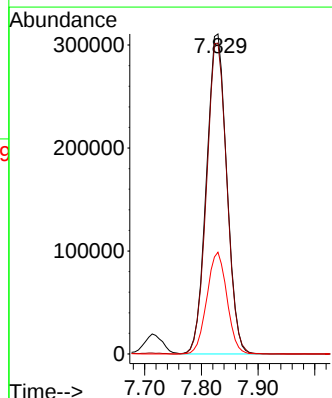
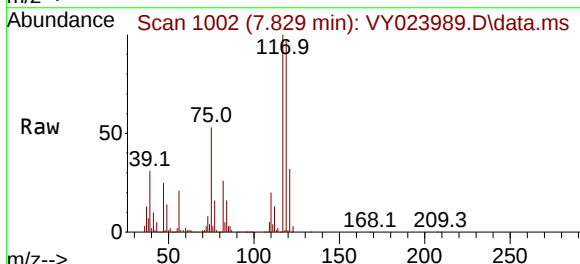
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

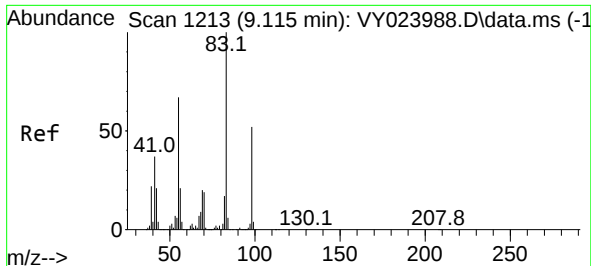
Tgt Ion: 43 Resp: 246282
Ion Ratio Lower Upper
43 100
61 15.6 12.6 18.8
70 11.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 111.174 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 117 Resp: 772553
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5
121 31.8 25.3 37.9





#39

Methylcyclohexane

Concen: 119.042 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

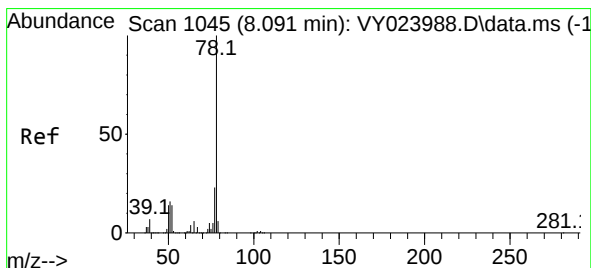
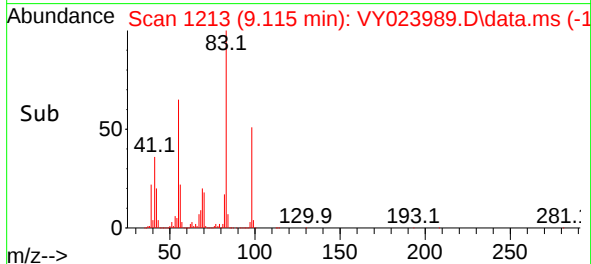
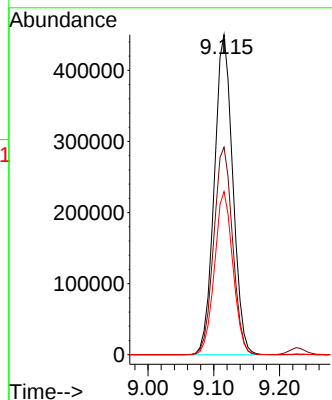
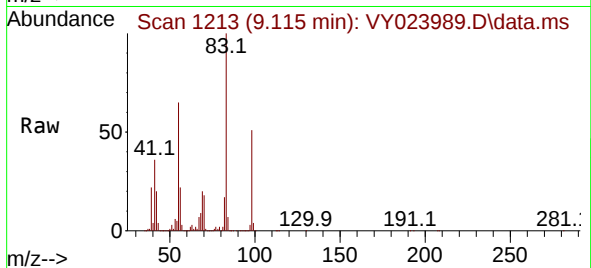
Tgt Ion: 83 Resp: 880518

Ion Ratio Lower Upper

83 100

55 64.9 53.8 80.6

98 50.9 41.3 61.9



#40

Benzene

Concen: 113.869 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY023989.D

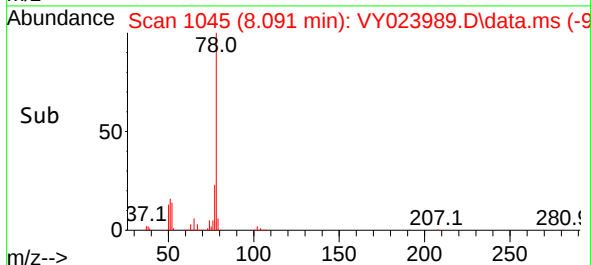
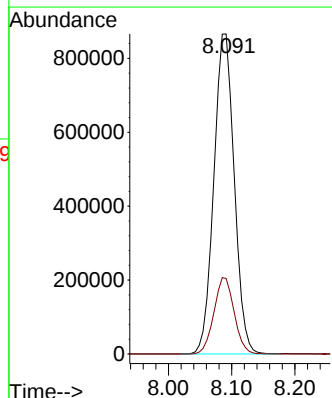
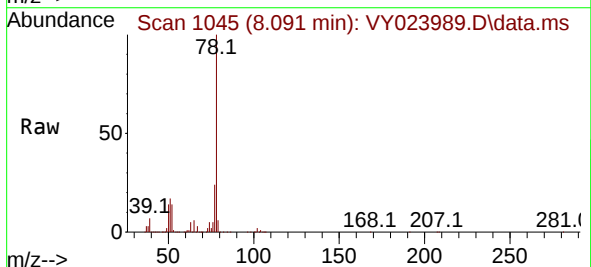
Acq: 16 Dec 2025 14:51

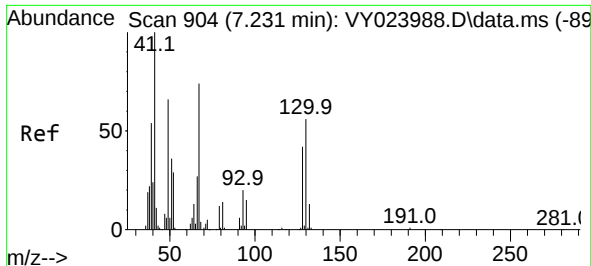
Tgt Ion: 78 Resp: 1936836

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8



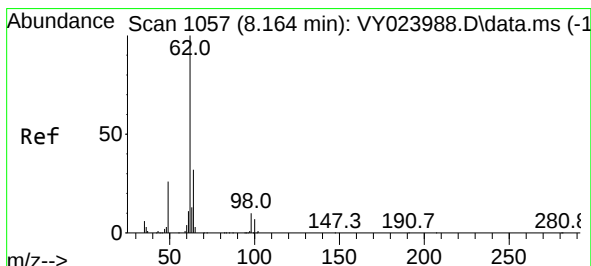
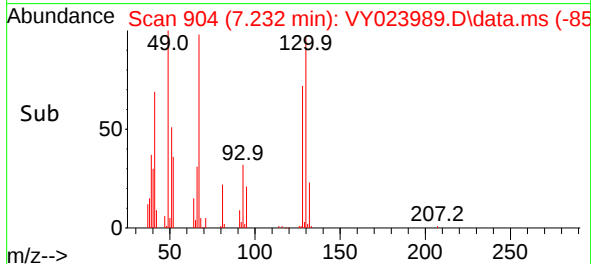
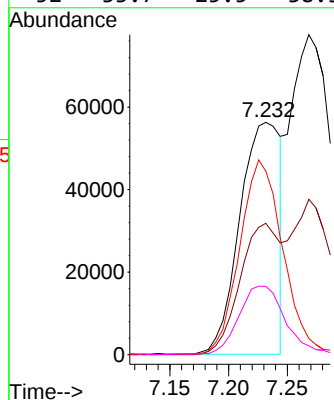
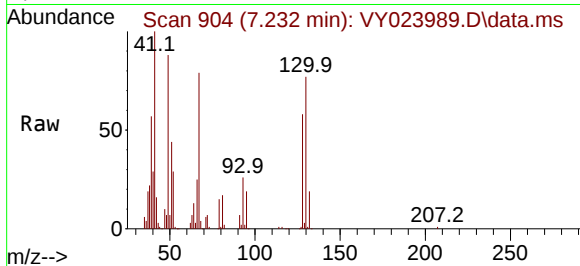


#41
Methacrylonitrile
Concen: 106.676 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 135272

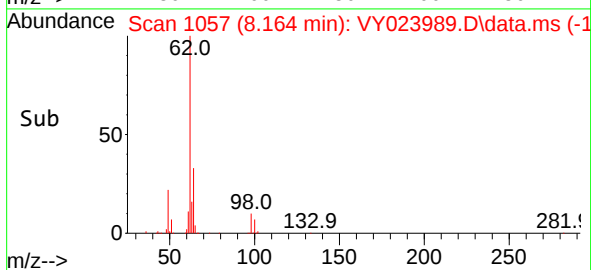
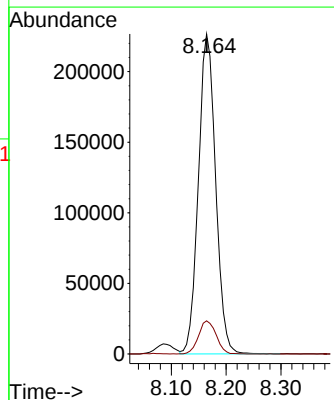
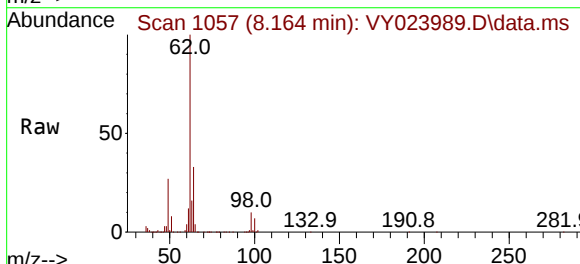
Ion	Ratio	Lower	Upper
41	100		
39	55.1	37.9	56.9
67	89.7	65.6	98.4
52	33.7	25.5	38.3

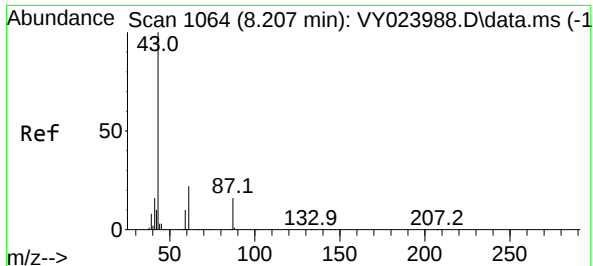


#42
1,2-Dichloroethane
Concen: 113.045 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 62 Resp: 495418

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8

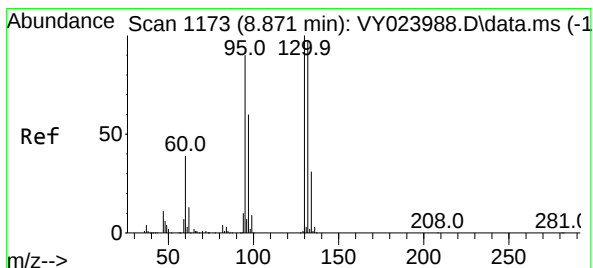
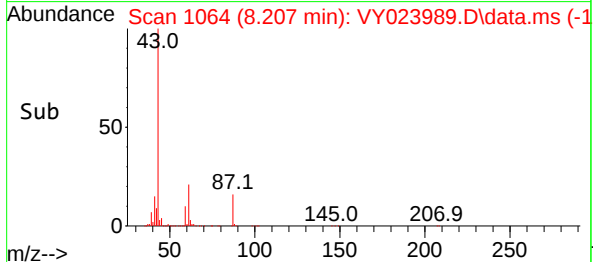
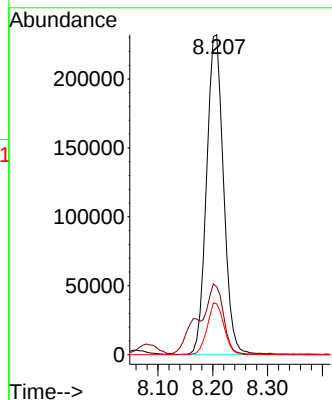
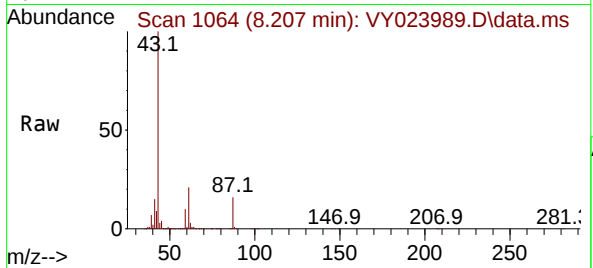




#43
Isopropyl Acetate
Concen: 122.268 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

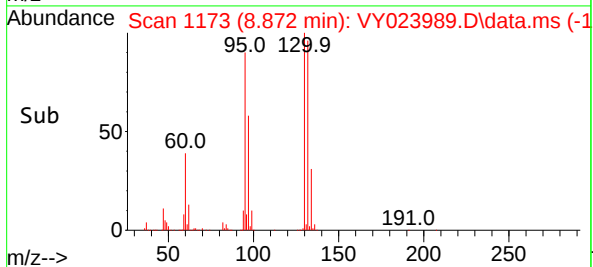
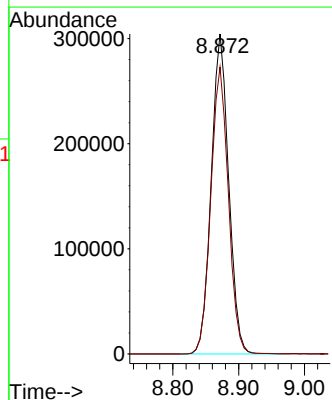
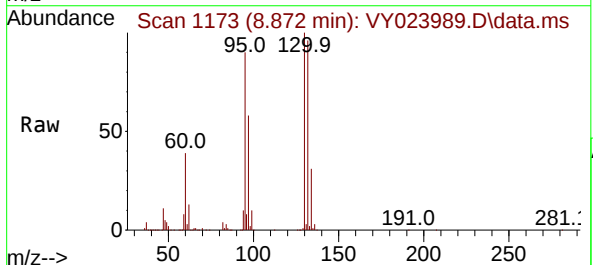
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

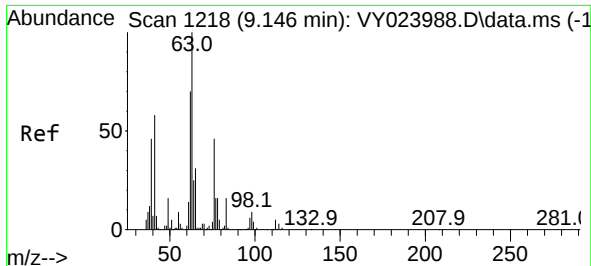
Tgt Ion: 43 Resp: 496674
Ion Ratio Lower Upper
43 100
61 32.3 26.6 39.8
87 16.1 13.1 19.7



#44
Trichloroethene
Concen: 112.075 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:130 Resp: 561777
Ion Ratio Lower Upper
130 100
95 89.7 0.0 180.2





#45

1,2-Dichloropropane

Concen: 113.231 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

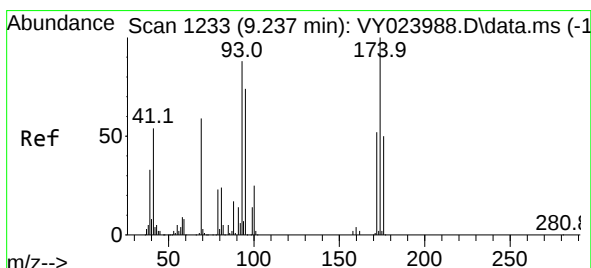
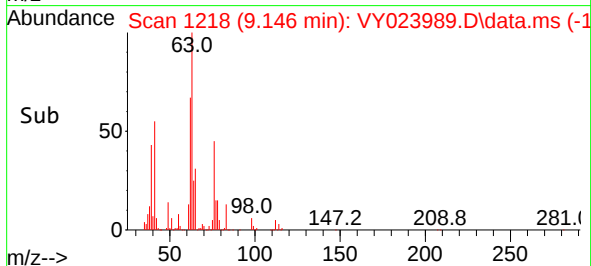
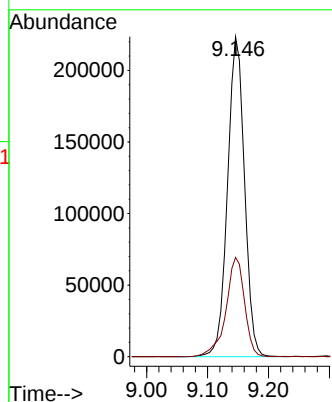
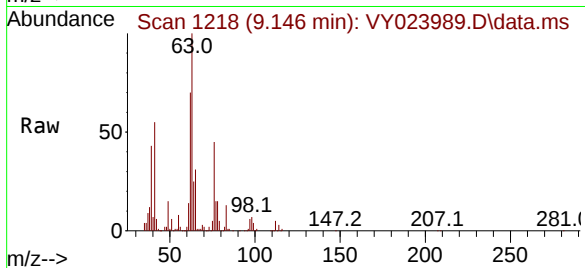
VSTDIC100

Tgt Ion: 63 Resp: 432494

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6



#46

Dibromomethane

Concen: 114.547 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

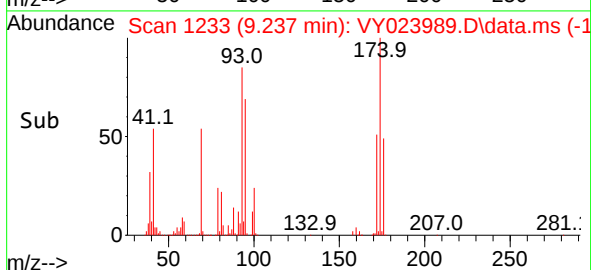
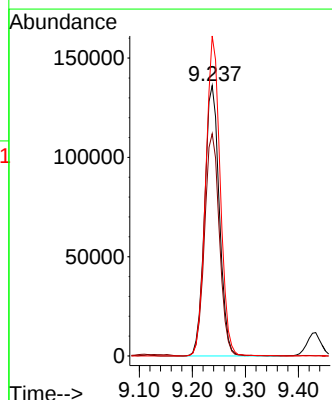
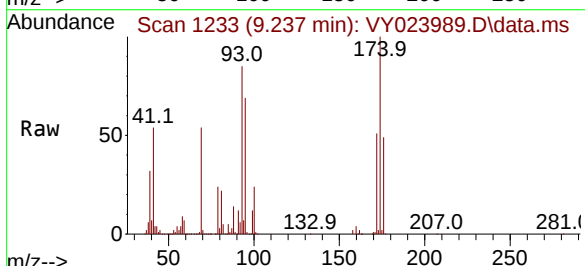
Tgt Ion: 93 Resp: 262366

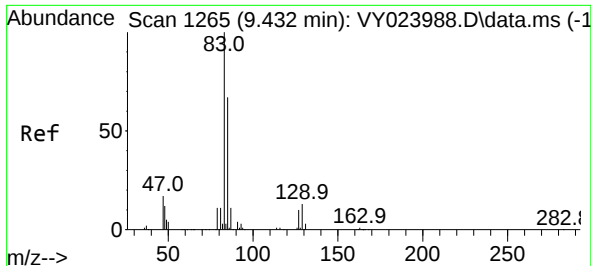
Ion Ratio Lower Upper

93 100

95 82.7 67.4 101.2

174 116.4 94.6 141.8

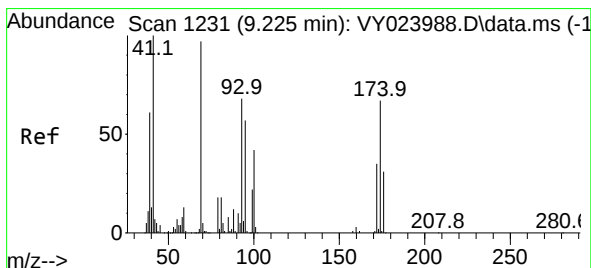
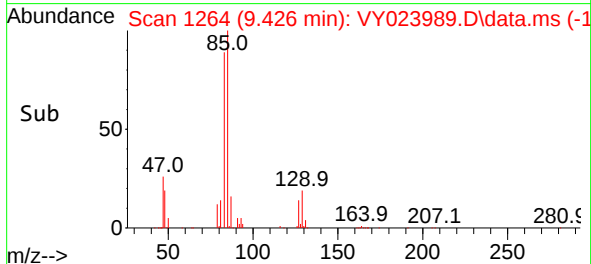
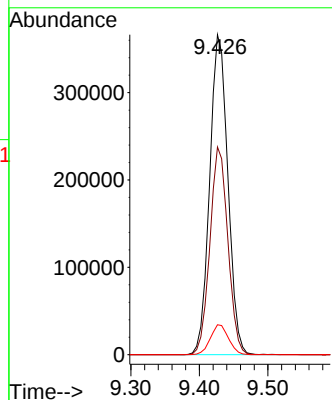
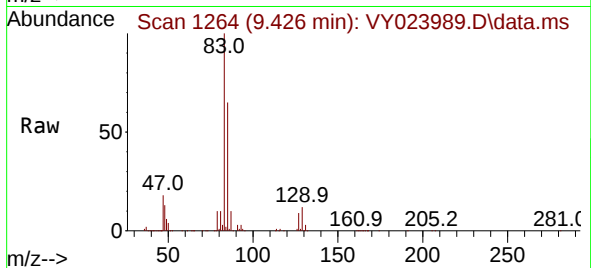




#47
Bromodichloromethane
Concen: 113.792 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

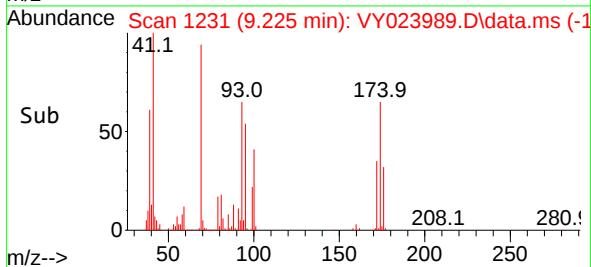
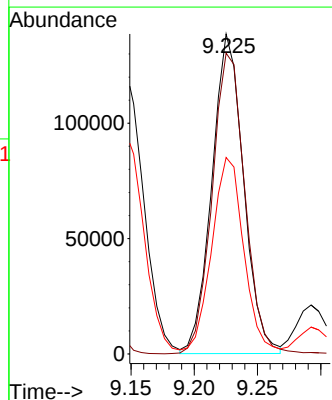
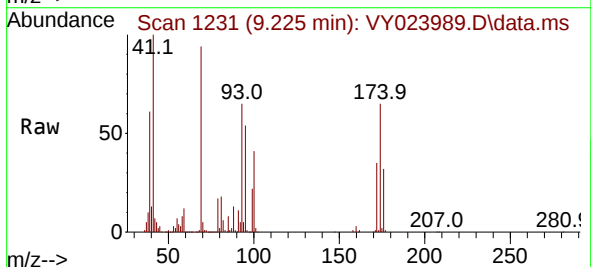
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

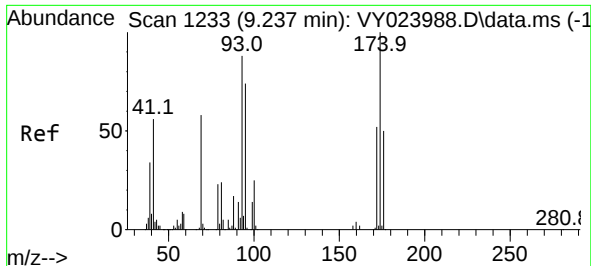
Tgt Ion: 83 Resp: 676225
Ion Ratio Lower Upper
83 100
85 64.9 53.5 80.3
127 9.3 7.8 11.6



#48
Methyl methacrylate
Concen: 122.022 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 41 Resp: 241591
Ion Ratio Lower Upper
41 100
69 97.2 78.2 117.4
39 59.8 47.2 70.8





#49

1,4-Dioxane

Concen: 2313.854 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

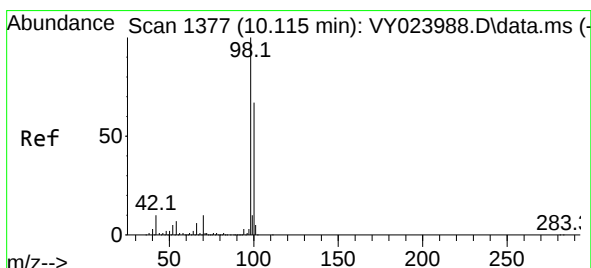
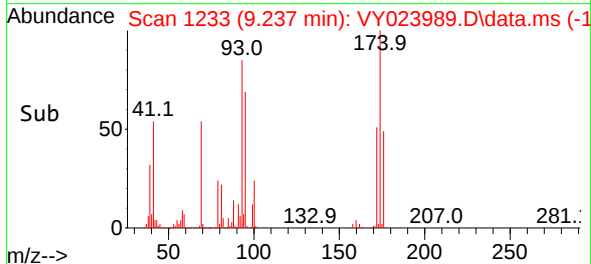
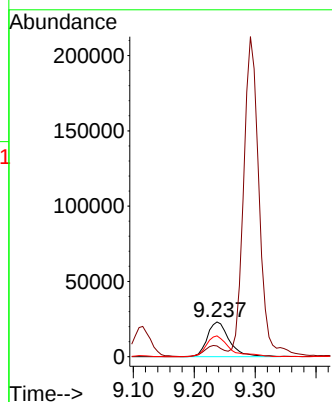
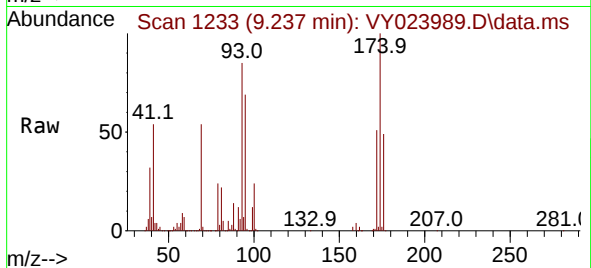
Tgt Ion: 88 Resp: 57725

Ion Ratio Lower Upper

88 100

43 27.4 21.0 31.4

58 63.3 48.9 73.3



#50

Toluene-d8

Concen: 109.965 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY023989.D

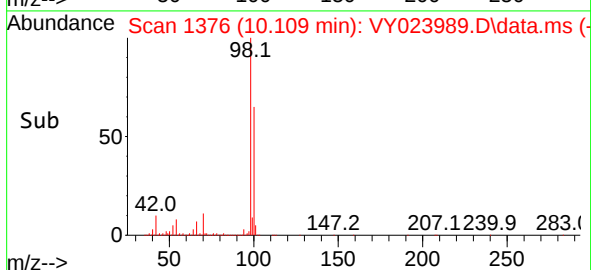
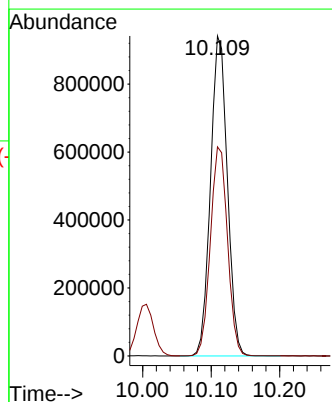
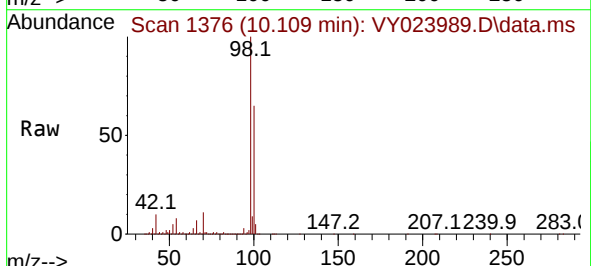
Acq: 16 Dec 2025 14:51

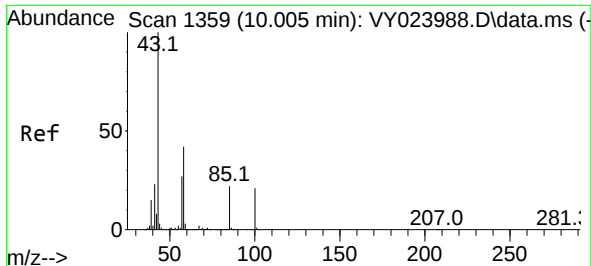
Tgt Ion: 98 Resp: 1605979

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6

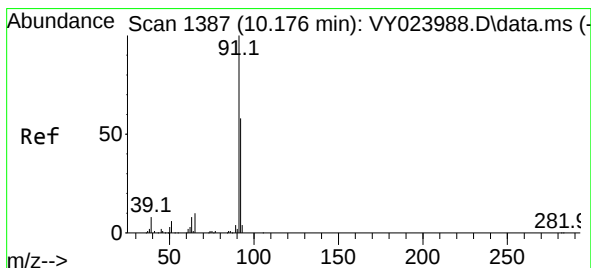
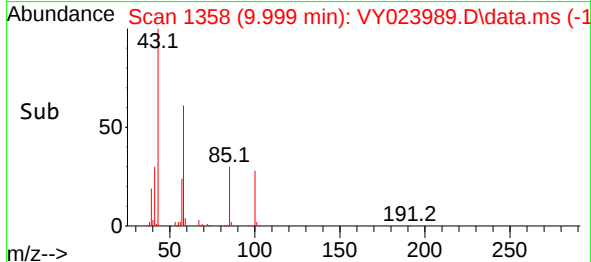
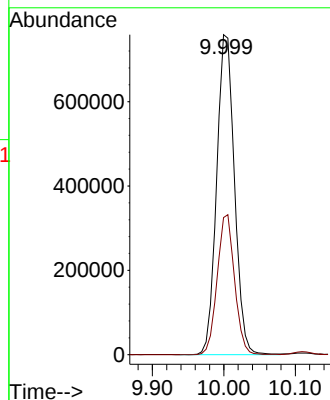
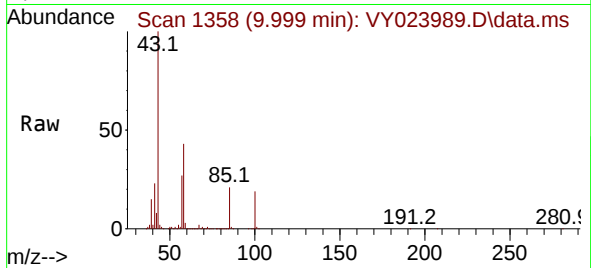




#51
4-Methyl-2-Pentanone
Concen: 617.308 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

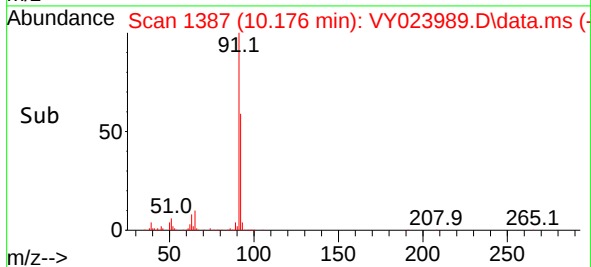
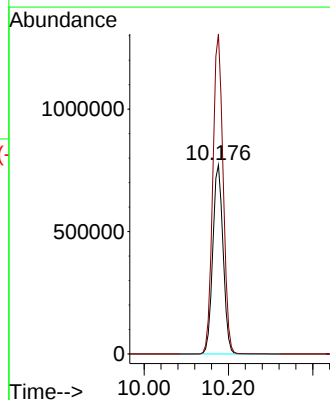
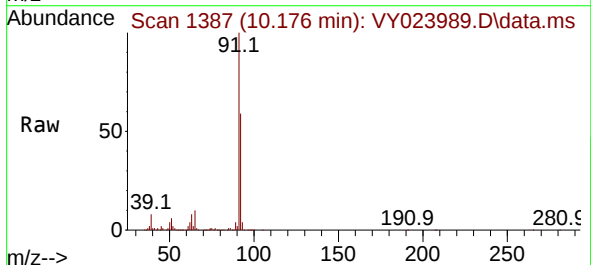
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

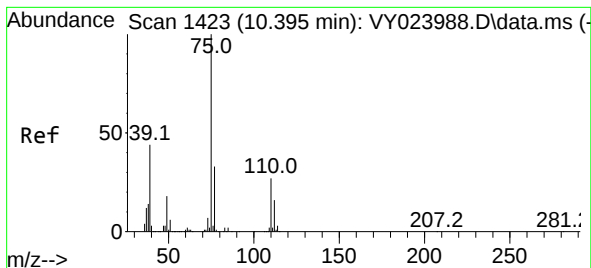
Tgt Ion: 43 Resp: 1312615
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.4



#52
Toluene
Concen: 110.742 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 92 Resp: 1311251
Ion Ratio Lower Upper
92 100
91 170.0 136.7 205.1

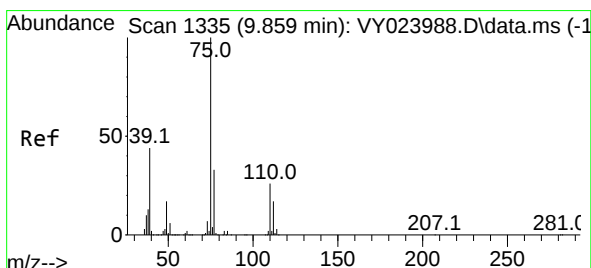
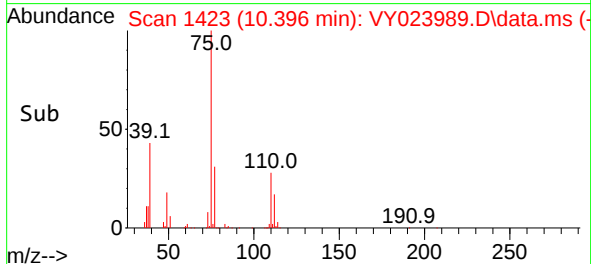
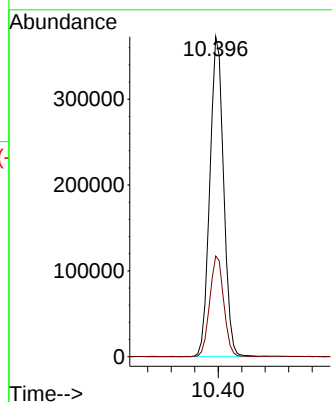
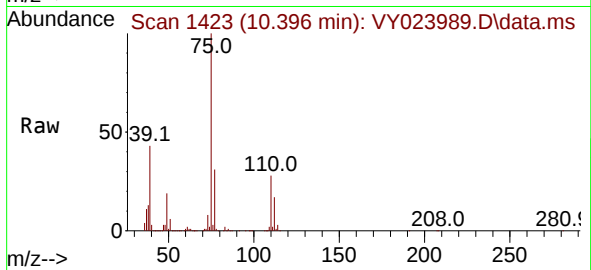




#53
t-1,3-Dichloropropene
Concen: 120.473 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

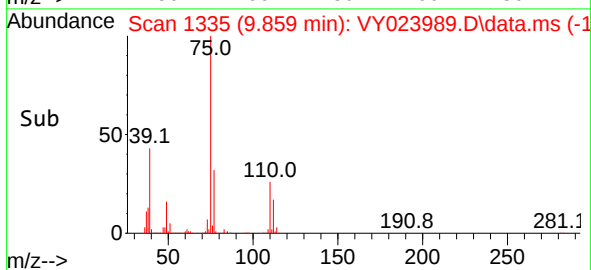
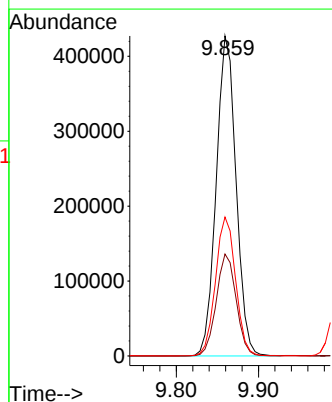
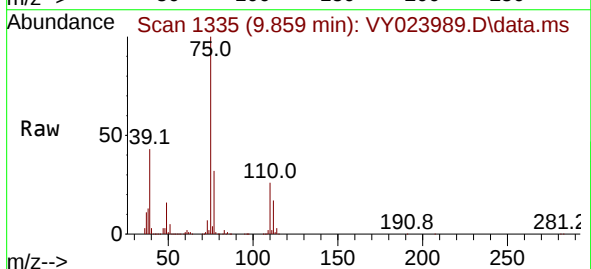
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

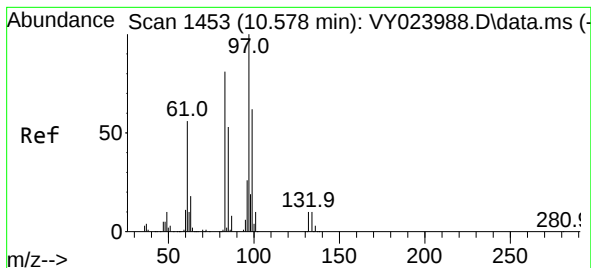
Tgt Ion: 75 Resp: 608491
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 118.398 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 75 Resp: 716450
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 43.4 35.2 52.8



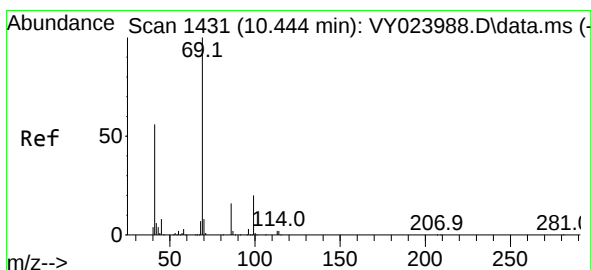
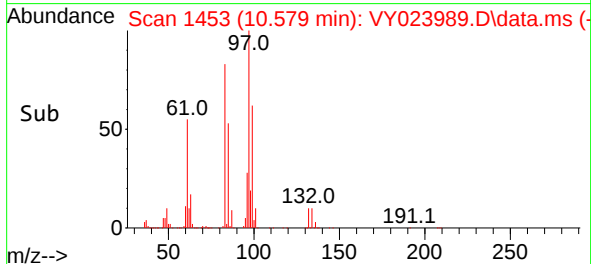
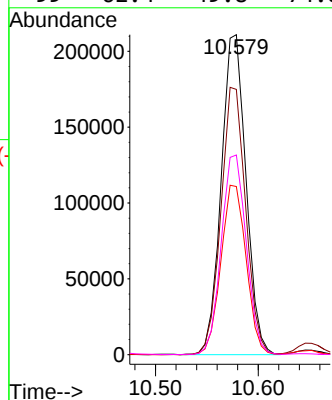
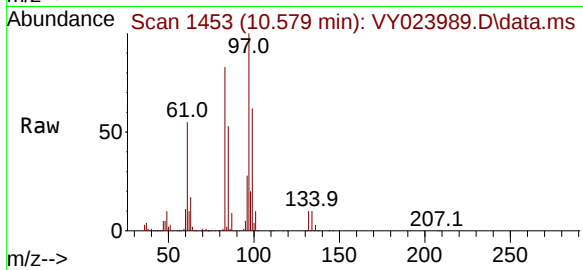


#55
1,1,2-Trichloroethane
Concen: 112.282 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 353240

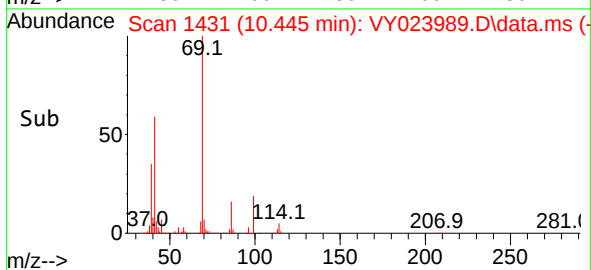
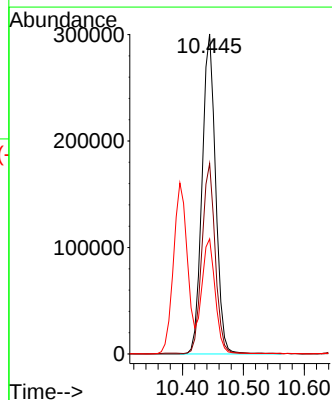
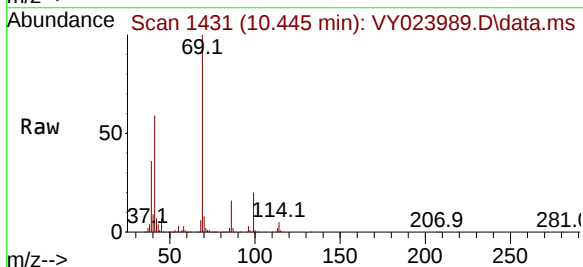
Ion	Ratio	Lower	Upper
97	100		
83	82.9	64.5	96.7
85	52.5	42.0	63.0
99	62.4	49.8	74.8

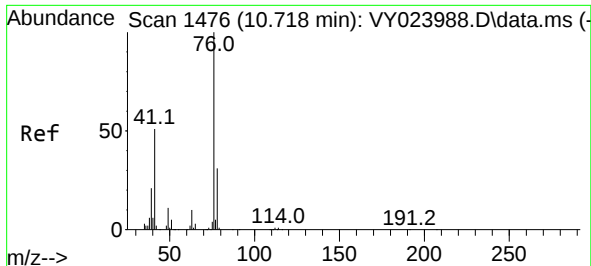


#56
Ethyl methacrylate
Concen: 106.931 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 69 Resp: 464598

Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.2	69.4
39	35.5	28.1	42.1





#57

1,3-Dichloropropane

Concen: 114.002 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

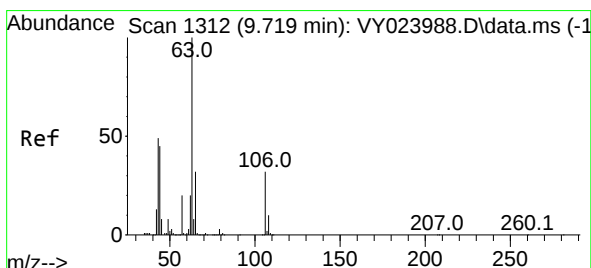
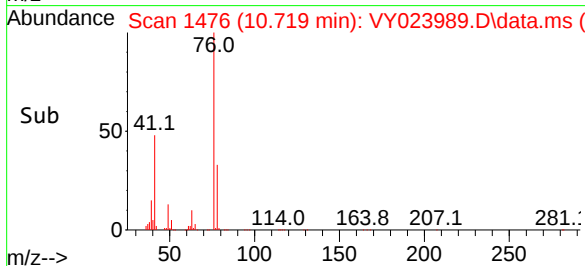
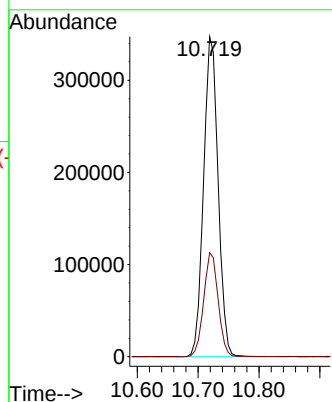
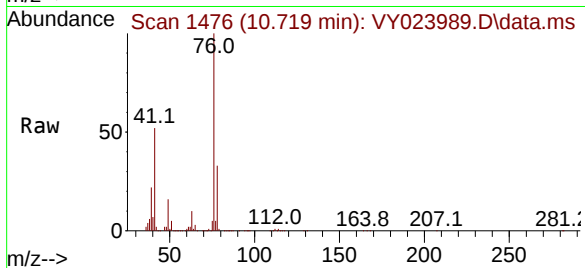
VSTDICC100

Tgt Ion: 76 Resp: 575014

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 515.858 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY023989.D

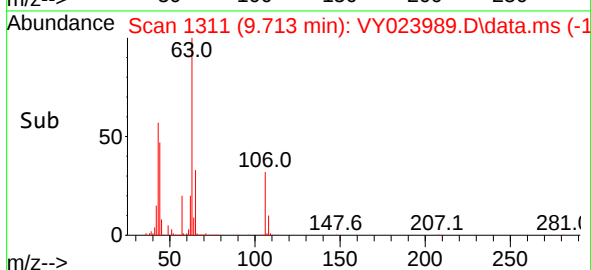
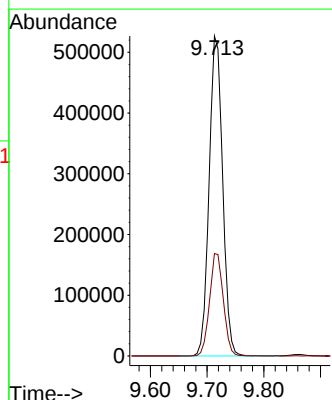
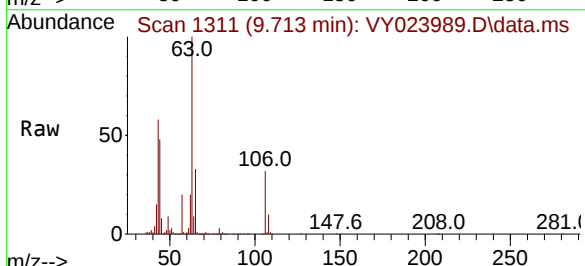
Acq: 16 Dec 2025 14:51

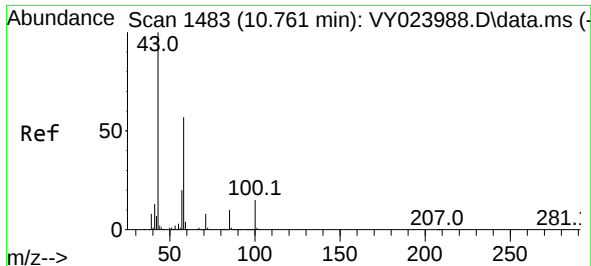
Tgt Ion: 63 Resp: 872464

Ion Ratio Lower Upper

63 100

106 32.5 25.8 38.8

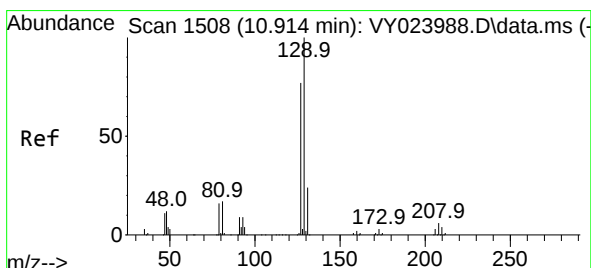
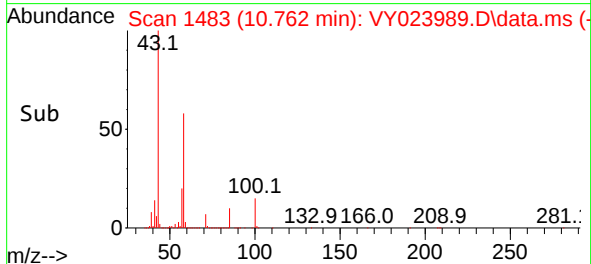
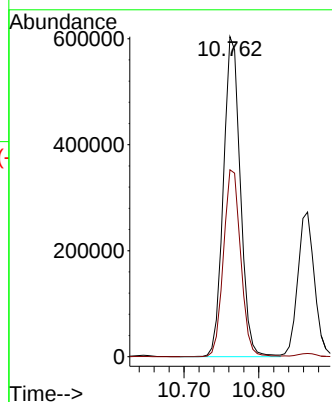
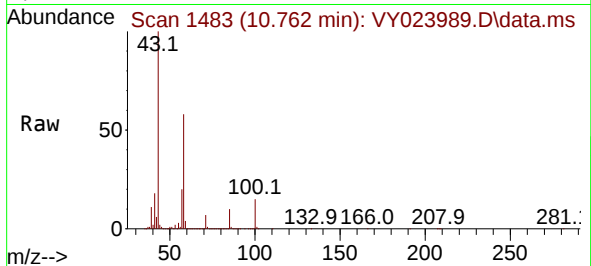




#59
2-Hexanone
Concen: 595.198 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

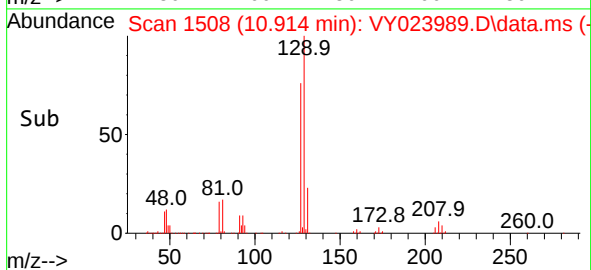
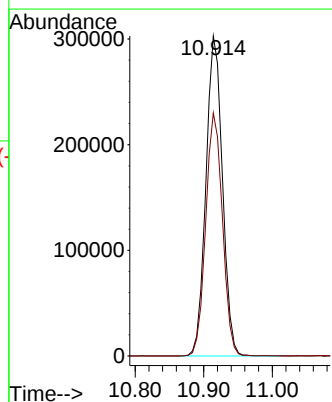
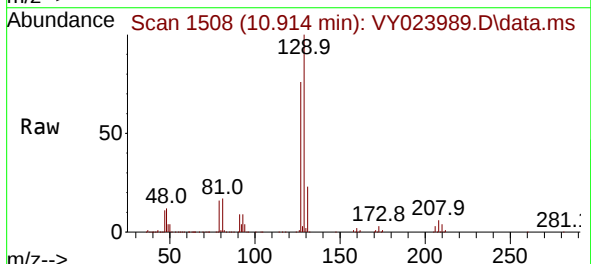
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

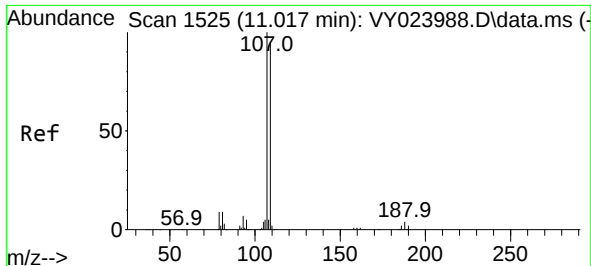
Tgt Ion: 43 Resp: 951098
Ion Ratio Lower Upper
43 100
58 59.4 29.6 88.9



#60
Dibromochloromethane
Concen: 114.948 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 129 Resp: 508565
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

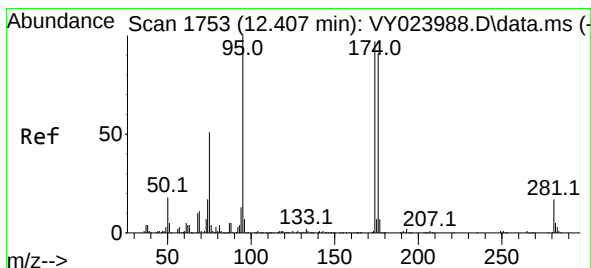
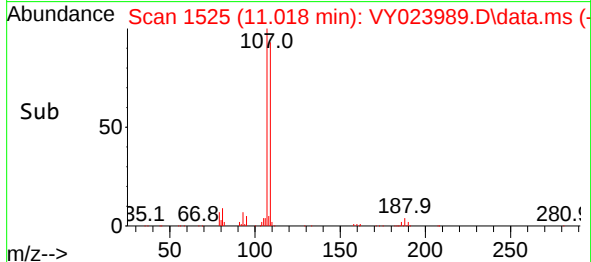
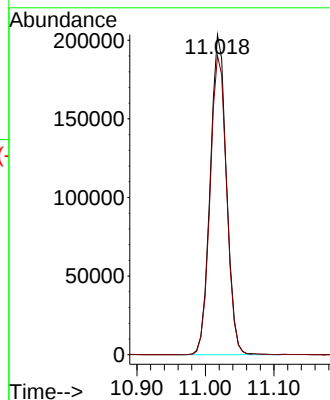
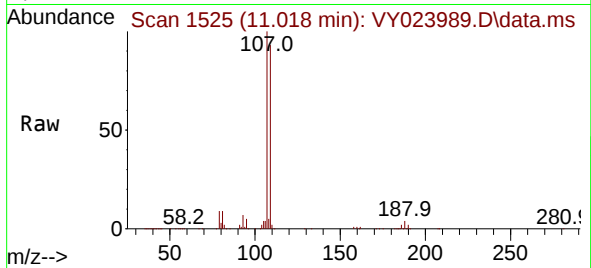




#61
1,2-Dibromoethane
Concen: 114.932 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

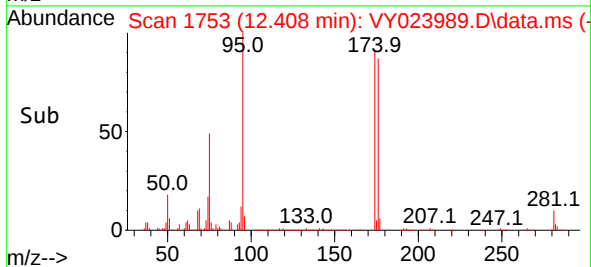
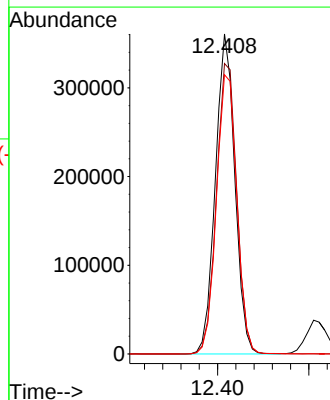
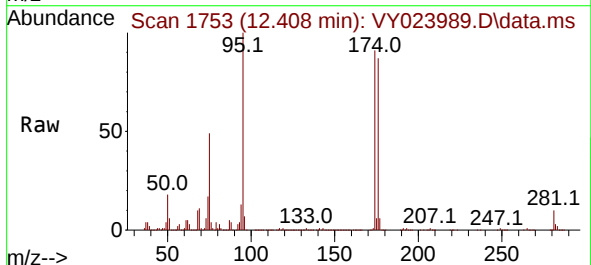
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

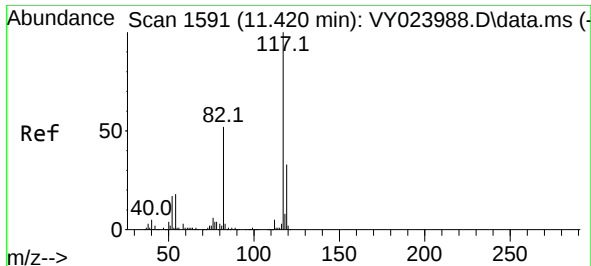
Tgt Ion:107 Resp: 334797
Ion Ratio Lower Upper
107 100
109 95.1 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 111.563 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 95 Resp: 534029
Ion Ratio Lower Upper
95 100
174 94.8 0.0 196.6
176 91.6 0.0 189.6

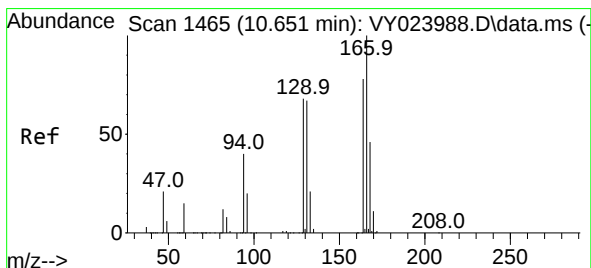
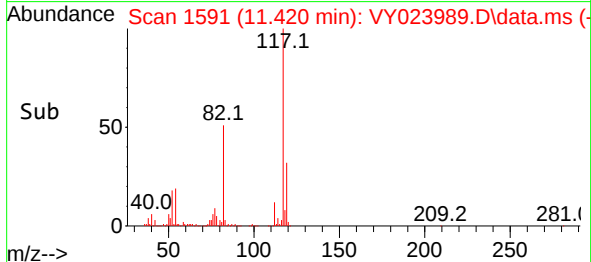
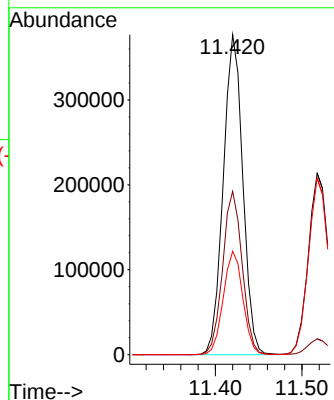
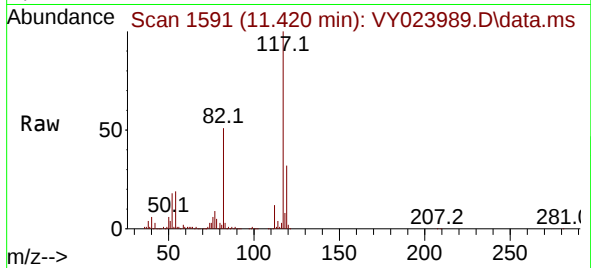




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

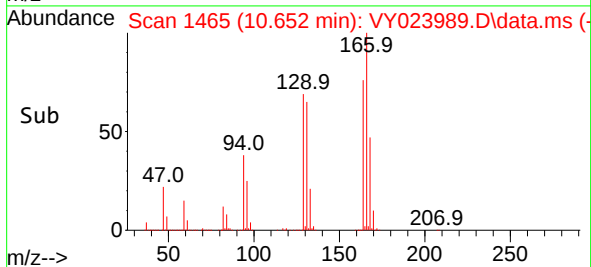
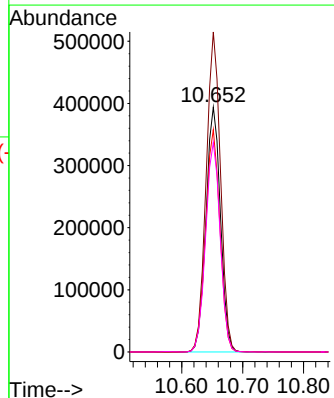
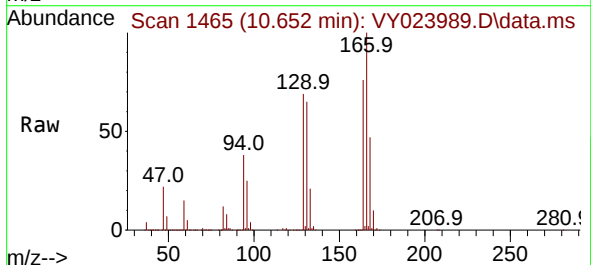
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

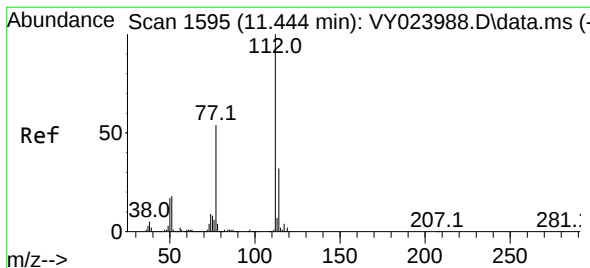
Tgt Ion:117 Resp: 590011
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 107.821 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:164 Resp: 652710
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 90.8 69.8 104.8
131 85.6 68.6 102.8





#65

Chlorobenzene

Concen: 111.512 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

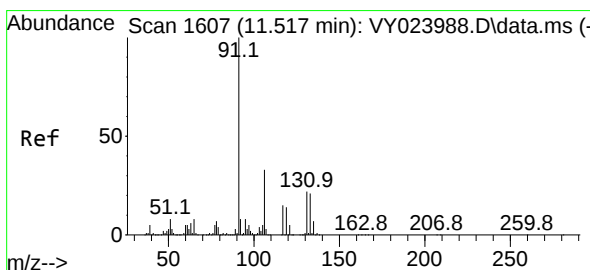
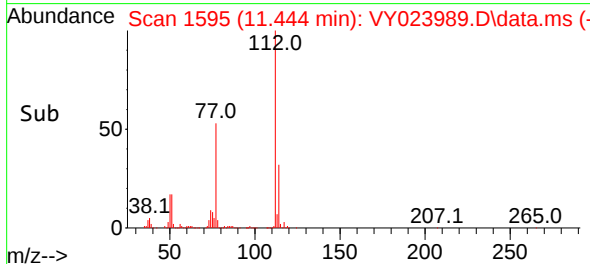
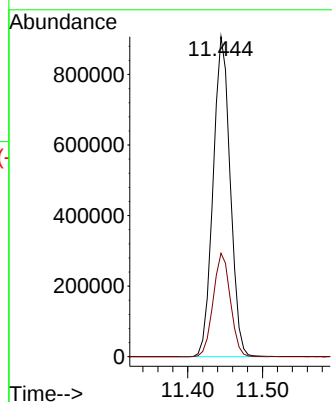
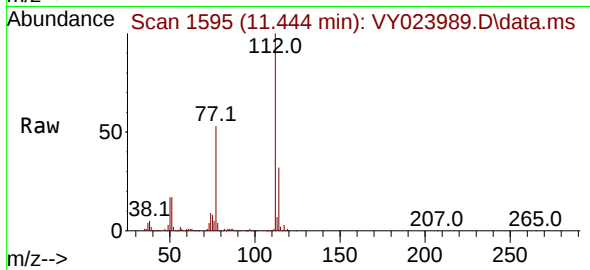
VSTDIC100

Tgt Ion:112 Resp: 1447917

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 111.489 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

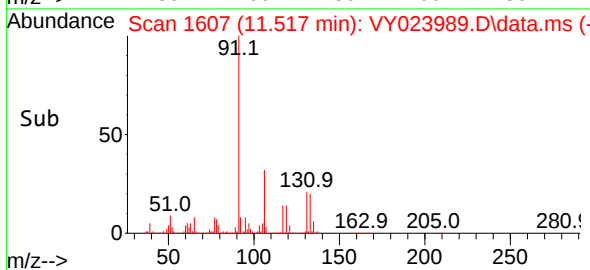
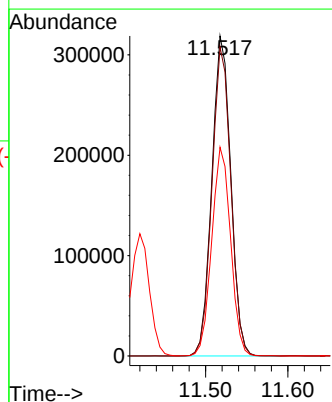
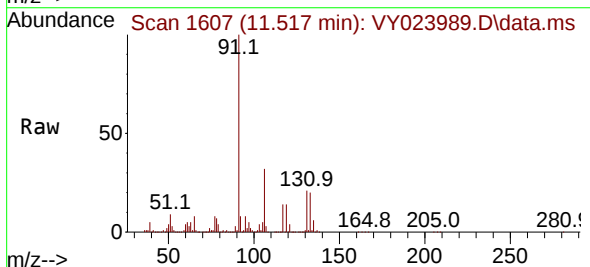
Tgt Ion:131 Resp: 510921

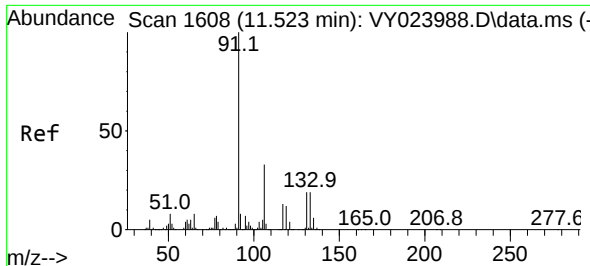
Ion Ratio Lower Upper

131 100

133 96.2 48.4 145.0

119 64.9 32.4 97.2





#67

Ethyl Benzene

Concen: 117.640 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

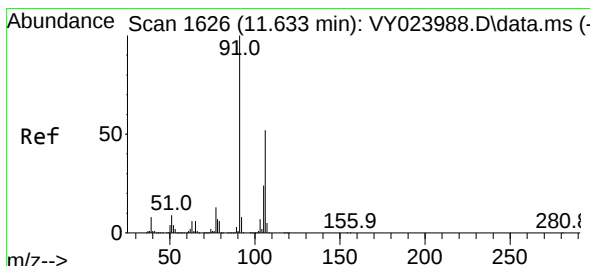
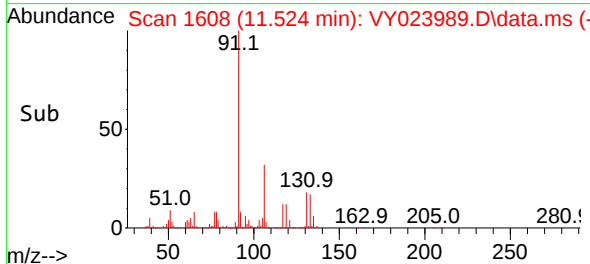
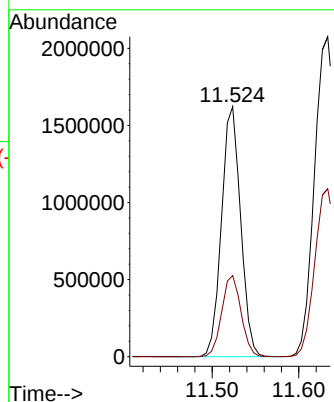
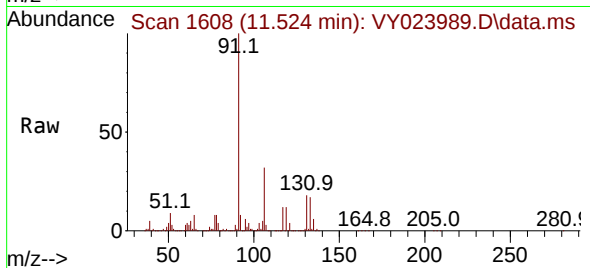
VSTDIC100

Tgt Ion: 91 Resp: 2484959

Ion Ratio Lower Upper

91 100

106 32.5 26.2 39.2



#68

m/p-Xylenes

Concen: 234.030 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023989.D

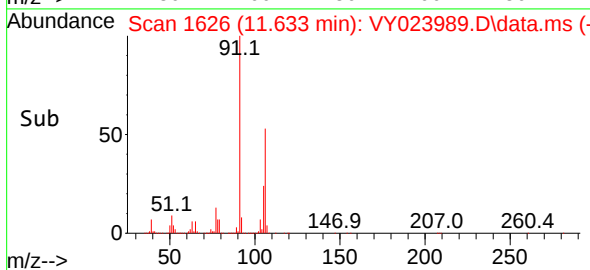
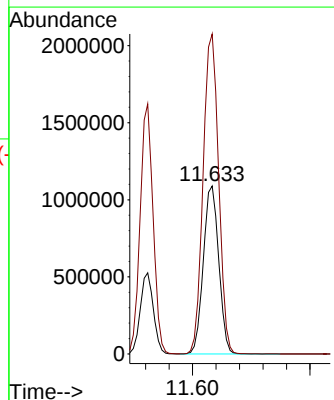
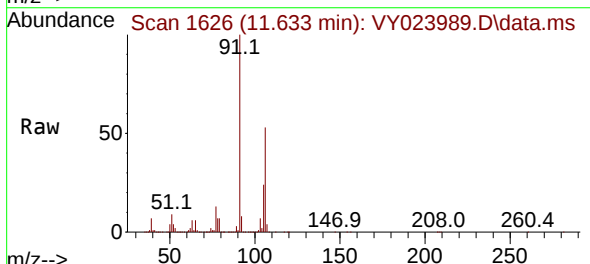
Acq: 16 Dec 2025 14:51

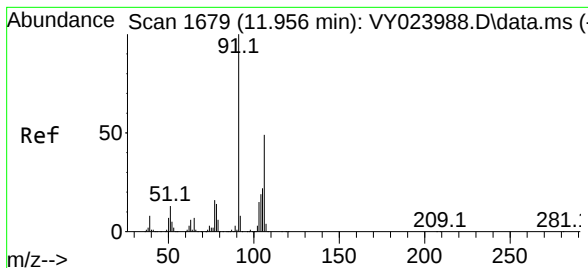
Tgt Ion:106 Resp: 1985556

Ion Ratio Lower Upper

106 100

91 191.8 153.8 230.6

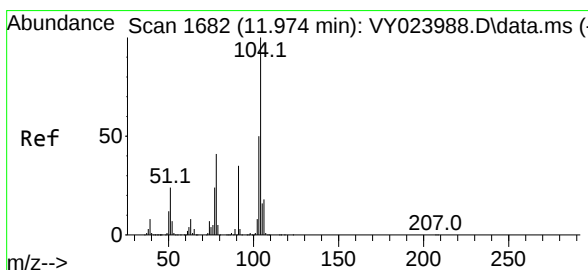
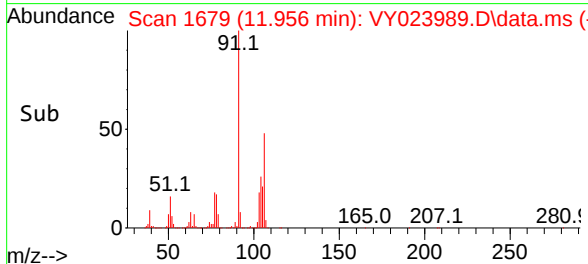
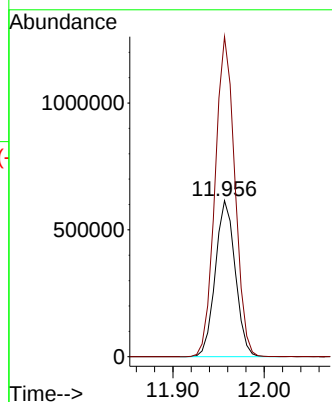
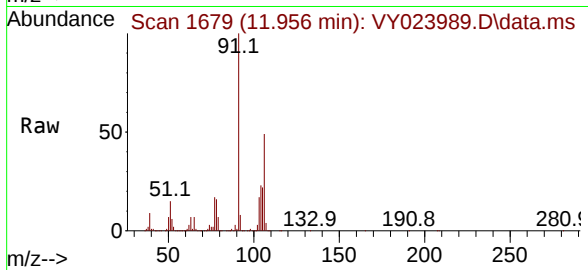




#69
o-Xylene
Concen: 118.123 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

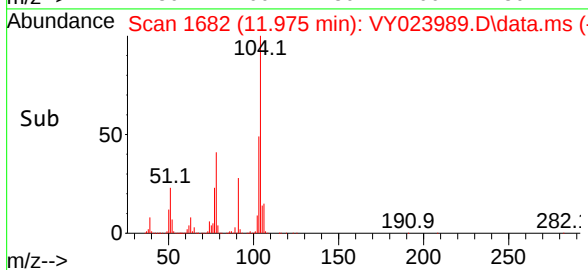
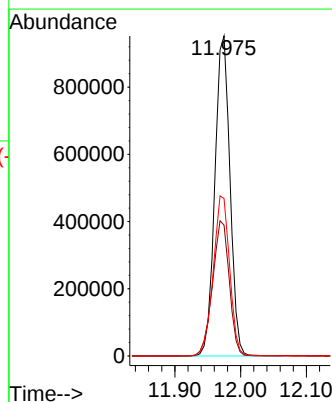
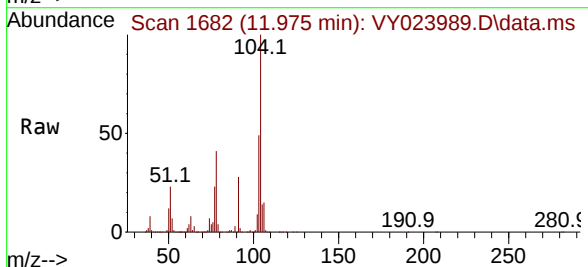
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

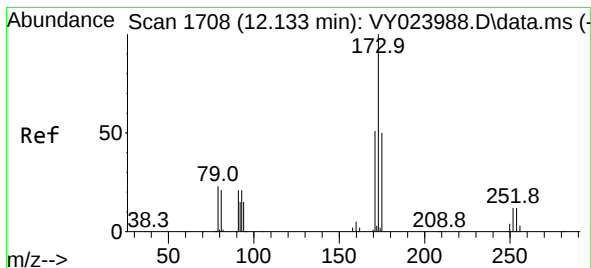
Tgt Ion:106 Resp: 932155
Ion Ratio Lower Upper
106 100
91 203.4 101.4 304.3



#70
Styrene
Concen: 120.448 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:104 Resp: 1525616
Ion Ratio Lower Upper
104 100
78 46.6 37.2 55.8
103 54.3 43.7 65.5





#71

Bromoform

Concen: 113.726 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

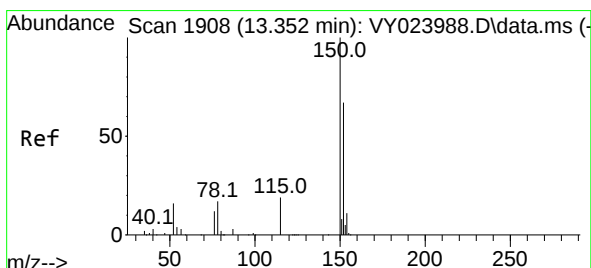
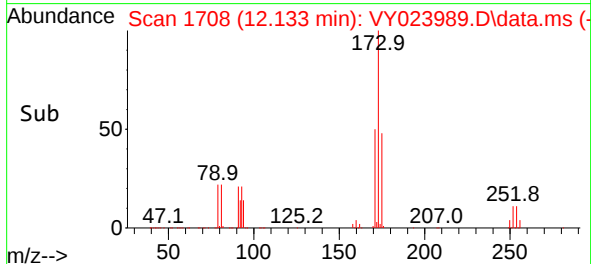
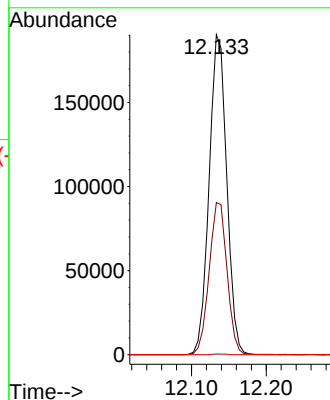
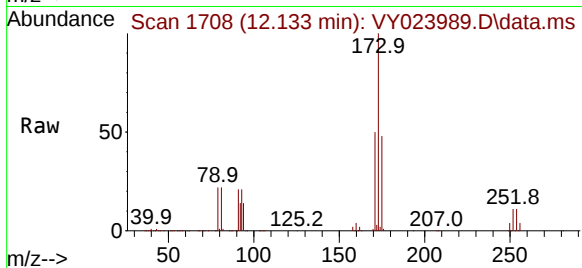
Tgt Ion:173 Resp: 310928

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.7

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

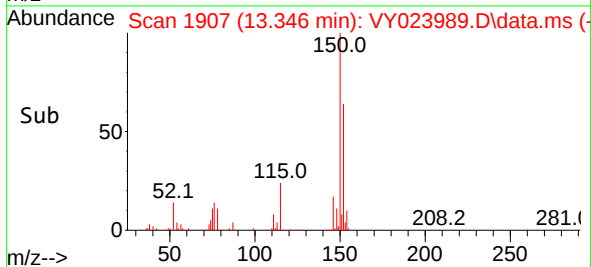
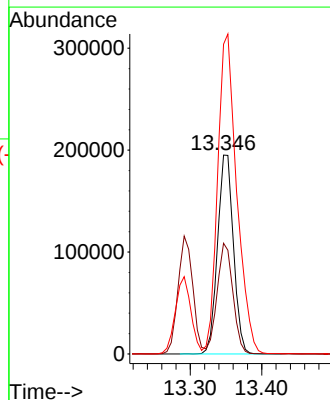
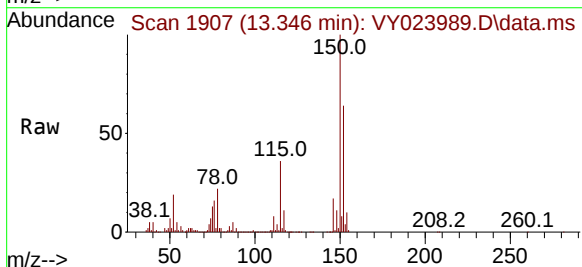
Tgt Ion:152 Resp: 301822

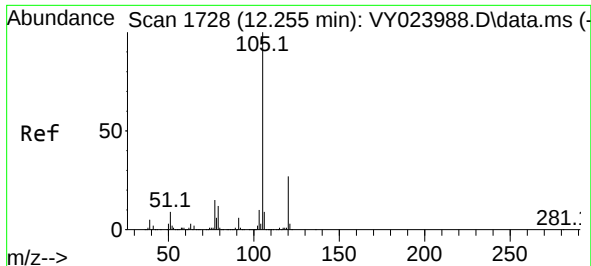
Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.5

150 193.1 0.0 349.6

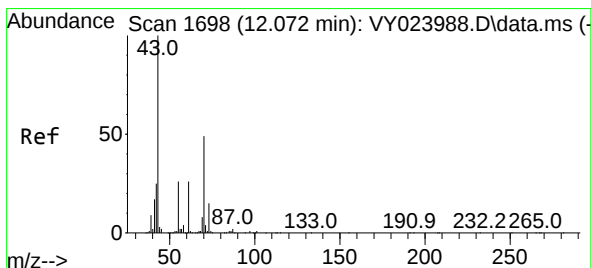
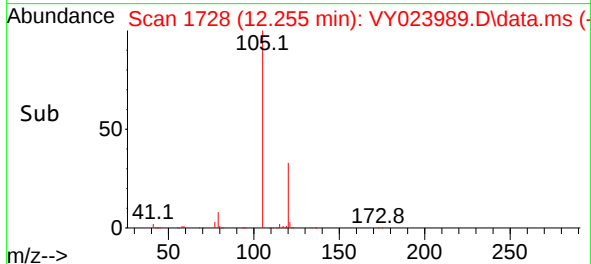
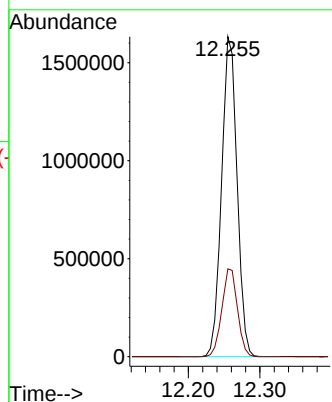
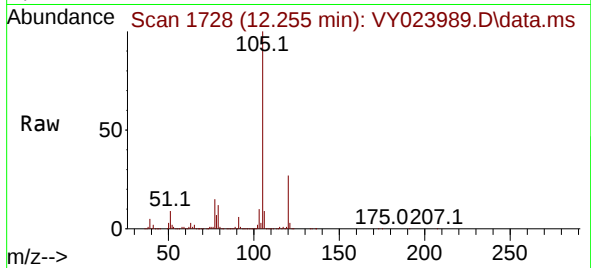




#73
Isopropylbenzene
Concen: 118.029 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

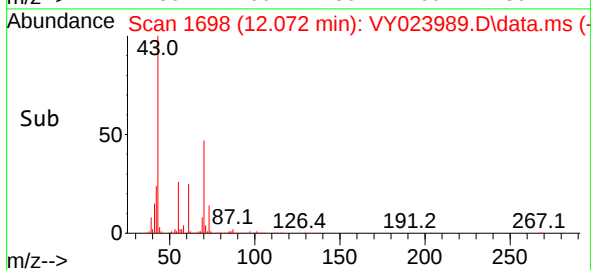
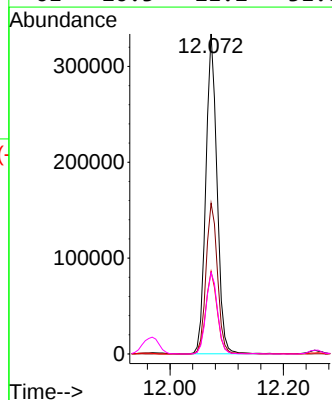
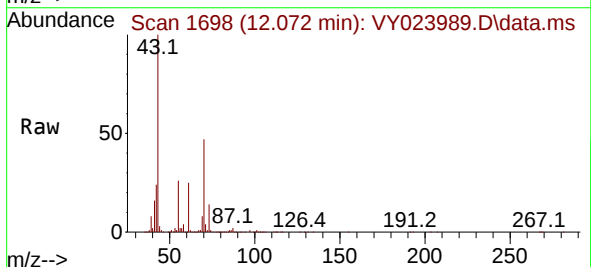
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

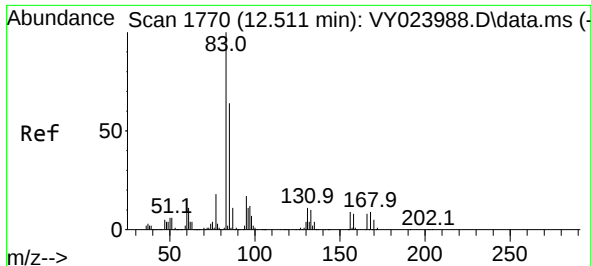
Tgt Ion:105 Resp: 2453842
Ion Ratio Lower Upper
105 100
120 27.6 13.8 41.4



#74
N-ethyl acetate
Concen: 110.544 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 43 Resp: 456785
Ion Ratio Lower Upper
43 100
70 48.4 39.3 58.9
55 26.4 22.5 33.7
61 26.3 21.2 31.8

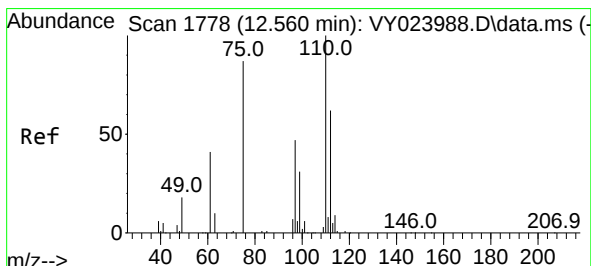
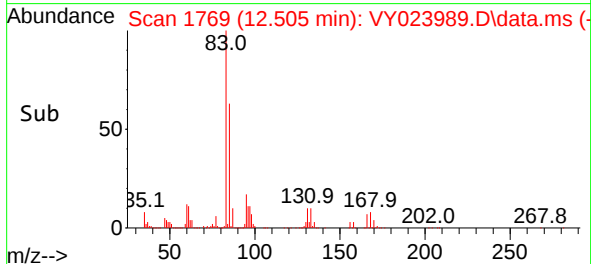
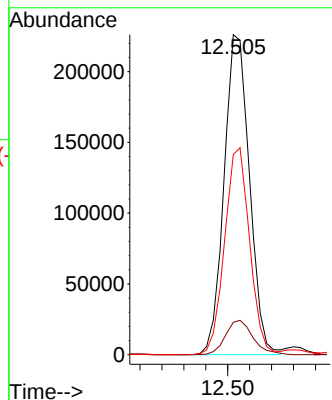
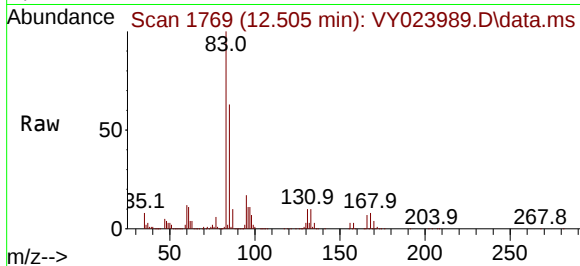




#75
 1,1,2-Tetrachloroethane
 Concen: 115.480 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

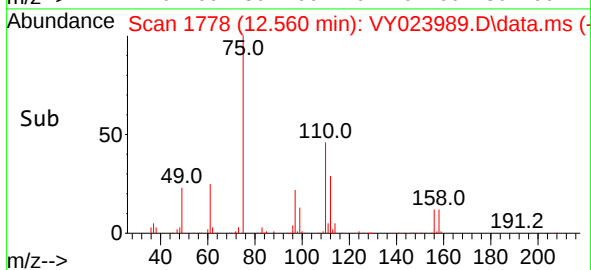
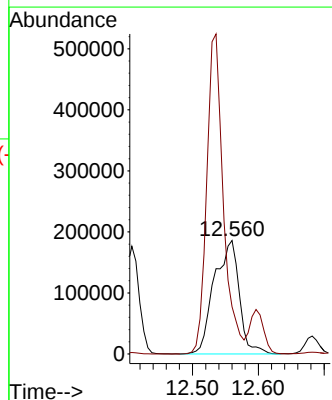
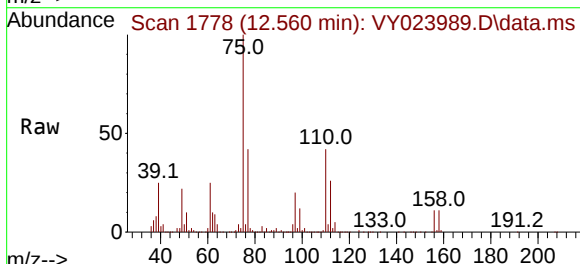
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

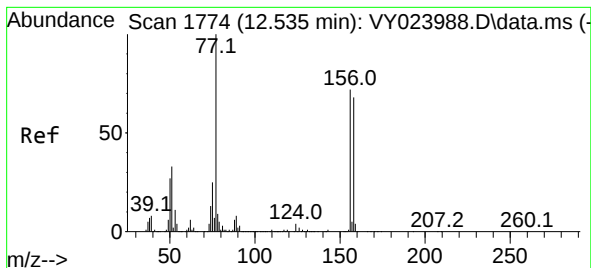
Tgt Ion: 83 Resp: 363749
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.9 17.7
 85 63.9 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 184.254 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

Tgt Ion: 75 Resp: 492382
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 112.946 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

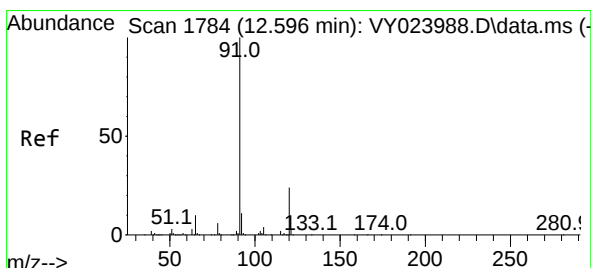
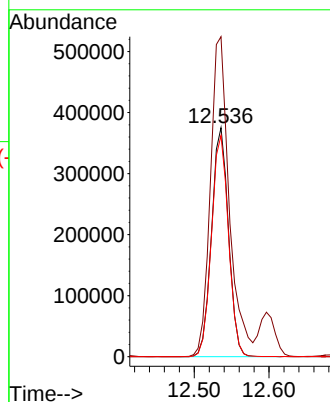
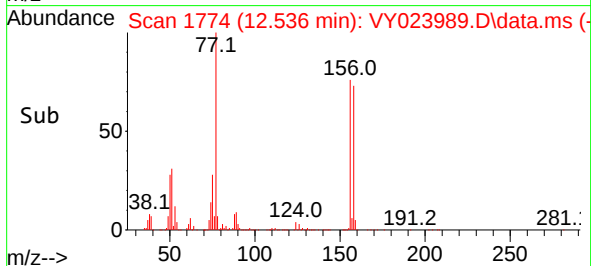
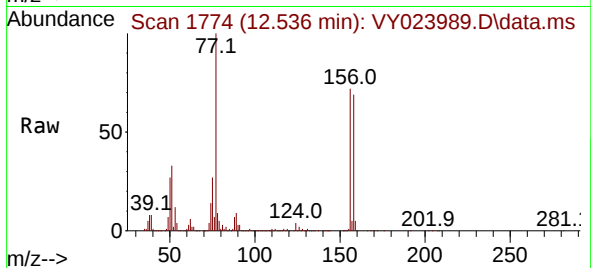
Tgt Ion:156 Resp: 590228

Ion Ratio Lower Upper

156 100

77 156.3 76.6 230.0

158 97.2 48.0 144.2



#78

n-propylbenzene

Concen: 118.014 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023989.D

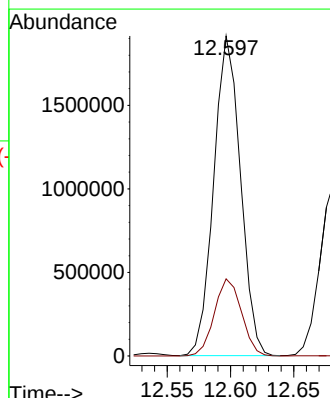
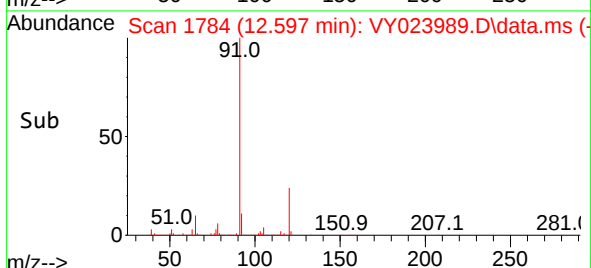
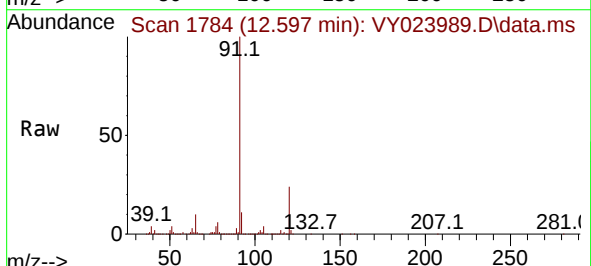
Acq: 16 Dec 2025 14:51

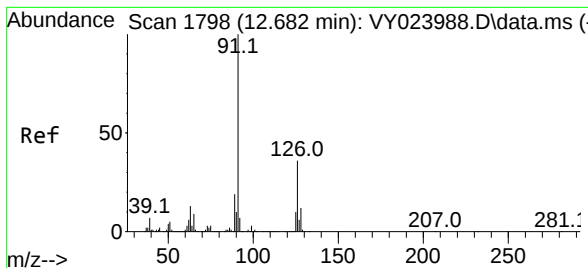
Tgt Ion: 91 Resp: 2811922

Ion Ratio Lower Upper

91 100

120 24.5 12.3 36.8

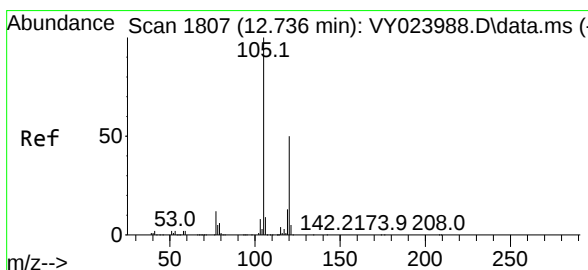
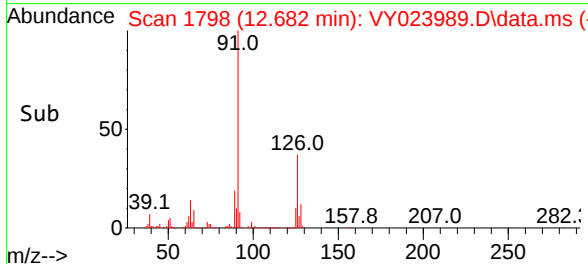
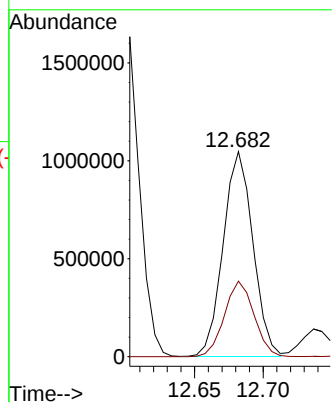
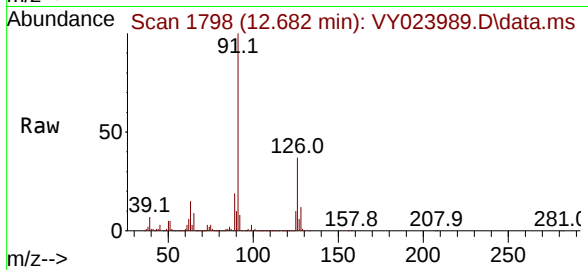




#79
2-Chlorotoluene
Concen: 115.849 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

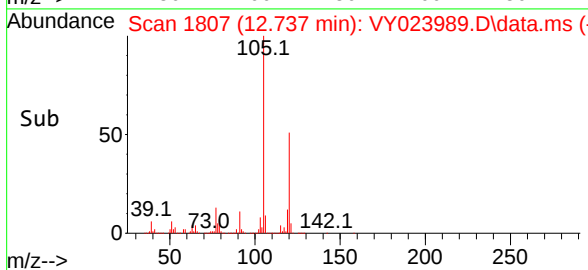
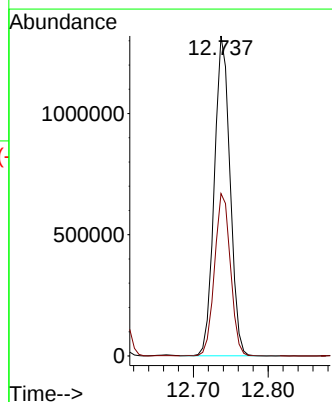
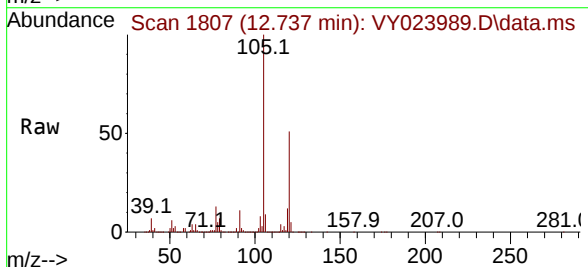
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

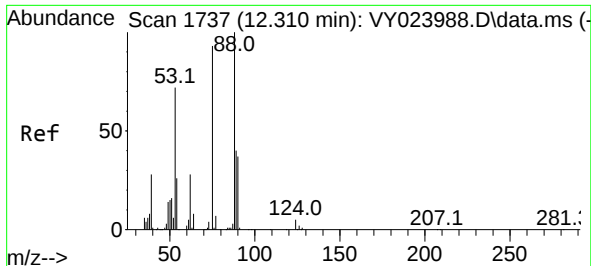
Tgt Ion: 91 Resp: 1580174
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 118.350 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:105 Resp: 1934727
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6

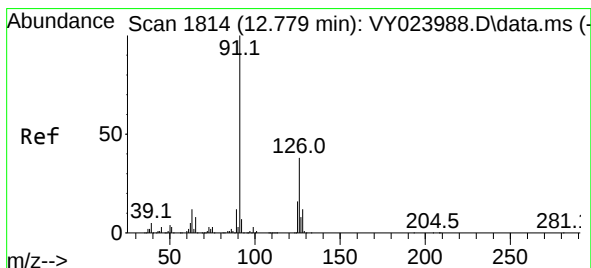
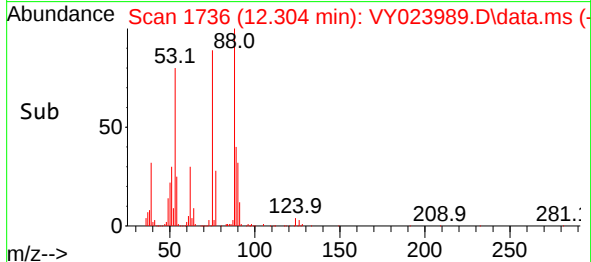
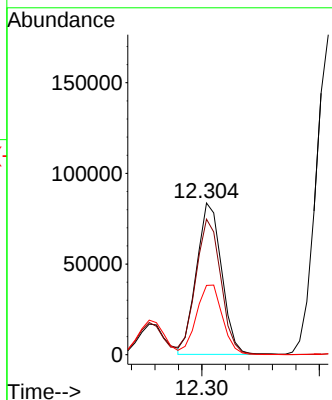
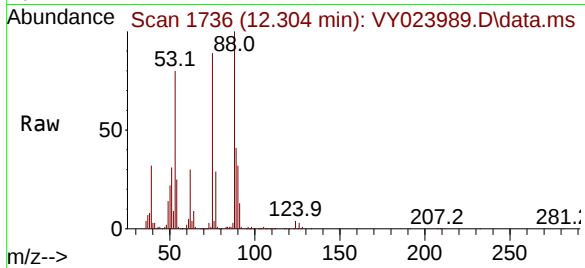




#81
trans-1,4-Dichloro-2-butene
Concen: 119.213 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

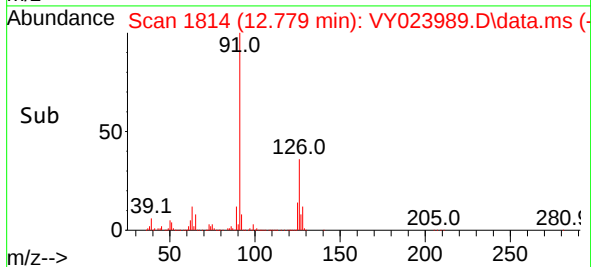
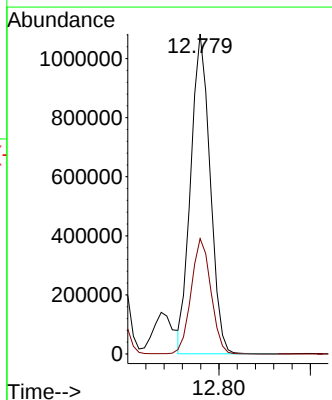
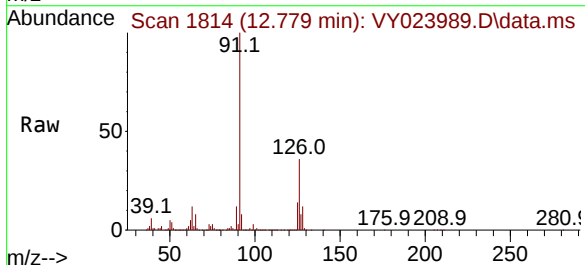
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

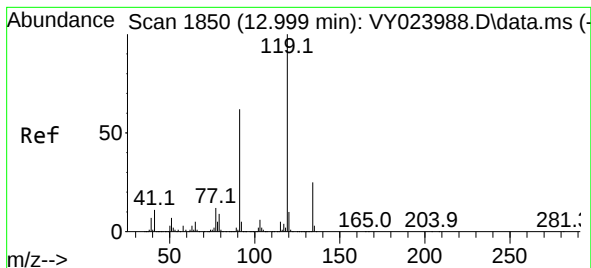
Tgt Ion: 75 Resp: 124482
Ion Ratio Lower Upper
75 100
53 89.3 69.9 104.9
89 47.7 38.6 57.8



#82
4-Chlorotoluene
Concen: 114.088 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 91 Resp: 1597747
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5





#83

tert-Butylbenzene

Concen: 117.427 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

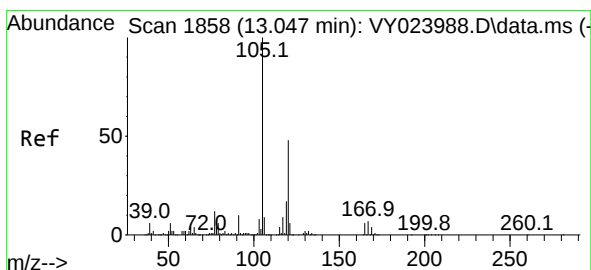
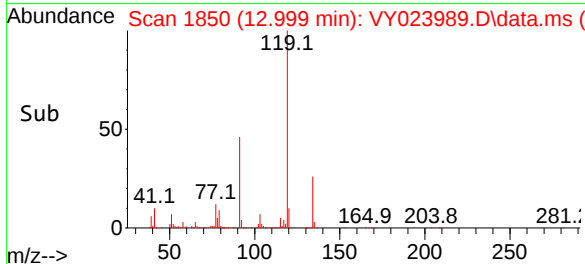
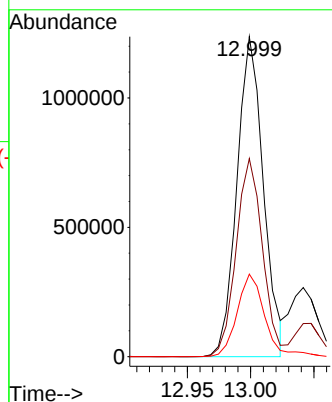
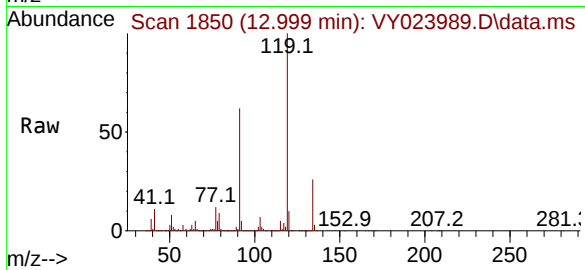
Tgt Ion:119 Resp: 1801957

Ion Ratio Lower Upper

119 100

91 62.3 29.8 89.4

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 117.874 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY023989.D

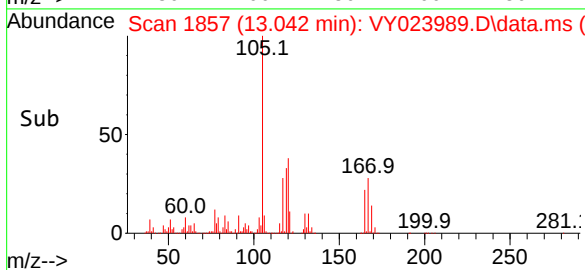
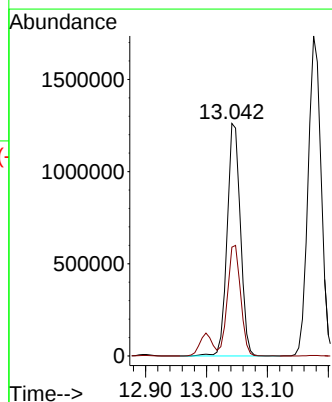
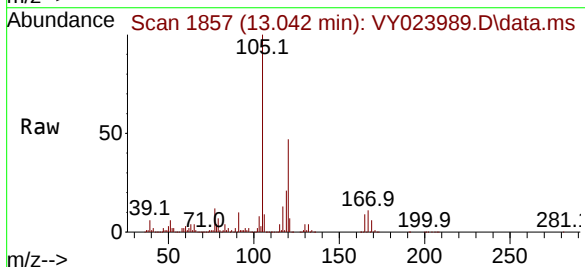
Acq: 16 Dec 2025 14:51

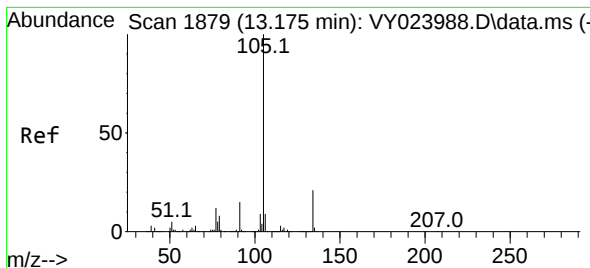
Tgt Ion:105 Resp: 1905197

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 115.959 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

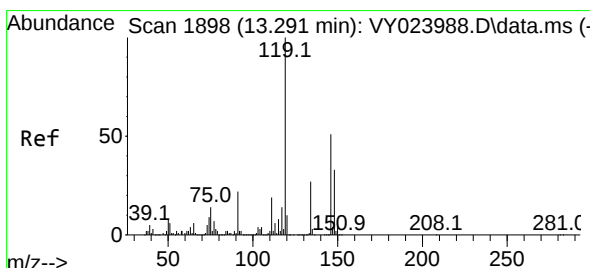
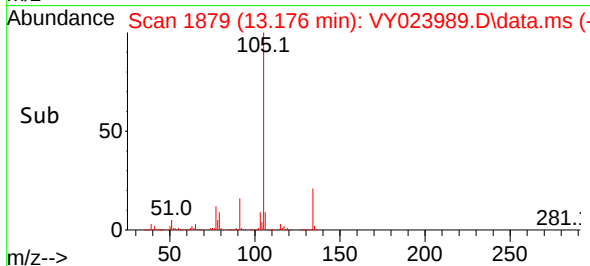
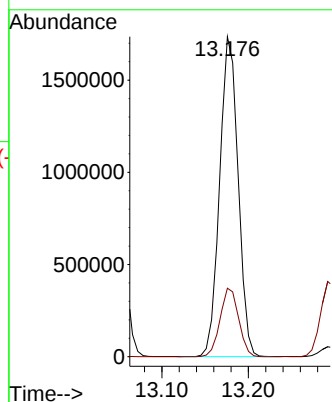
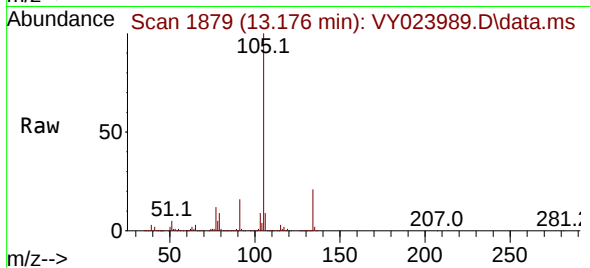
VSTDIC100

Tgt Ion:105 Resp: 2568608

Ion Ratio Lower Upper

105 100

134 21.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 117.834 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

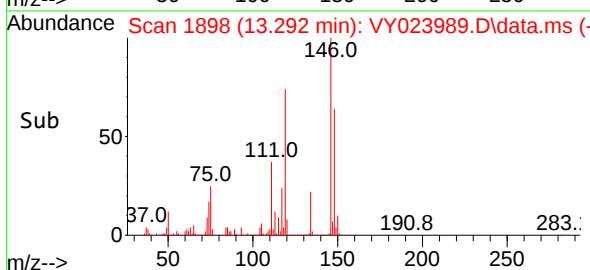
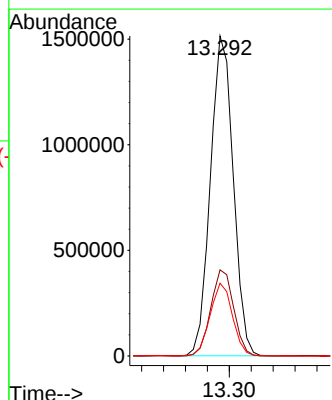
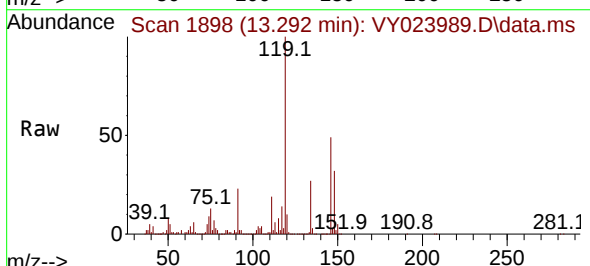
Tgt Ion:119 Resp: 2192839

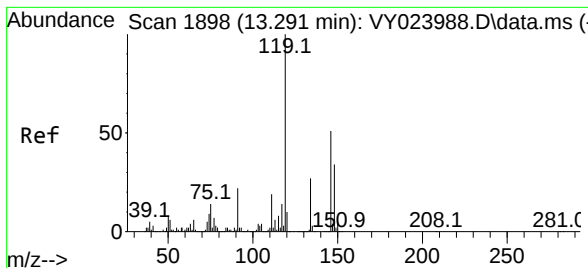
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 22.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 111.533 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

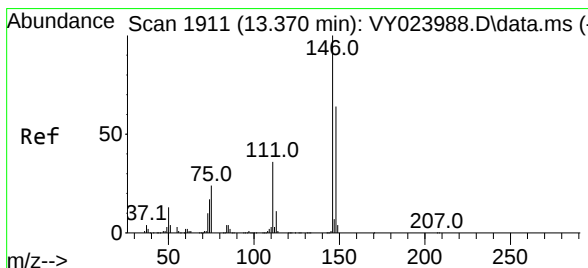
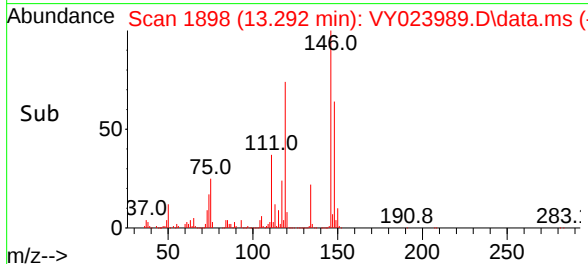
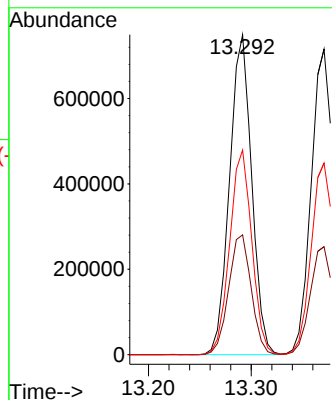
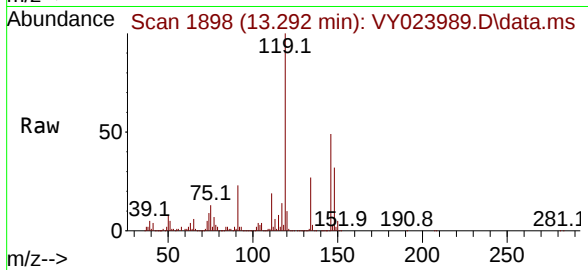
Tgt Ion:146 Resp: 1121459

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 110.554 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

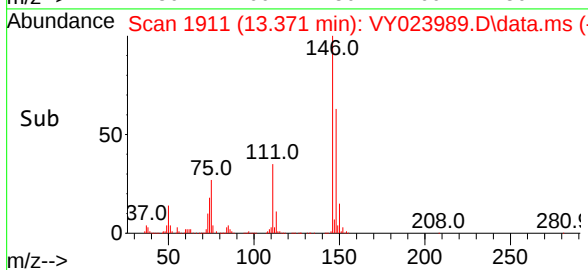
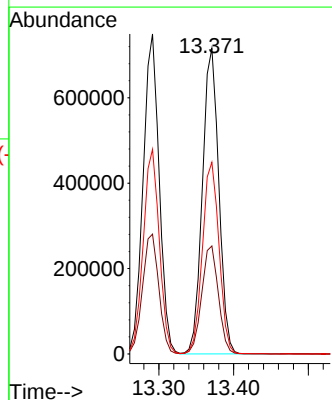
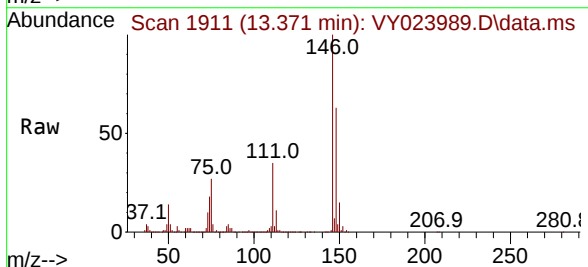
Tgt Ion:146 Resp: 1090961

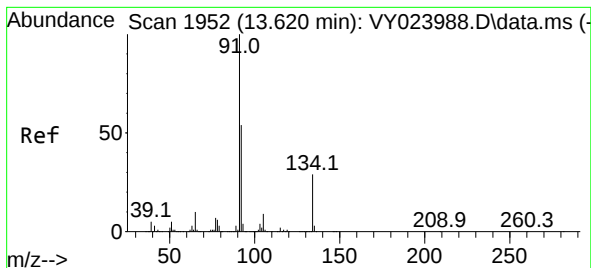
Ion Ratio Lower Upper

146 100

111 35.9 17.9 53.8

148 63.6 31.9 95.5





#89

n-Butylbenzene

Concen: 118.414 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

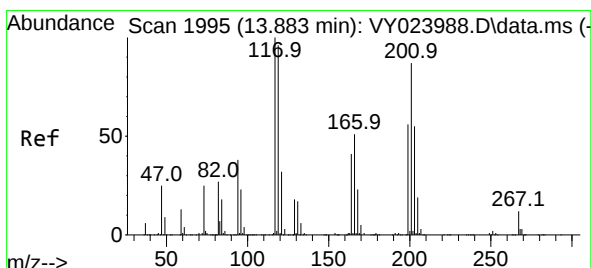
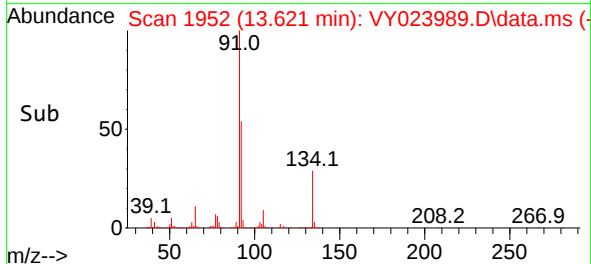
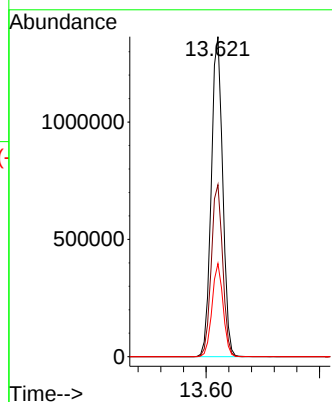
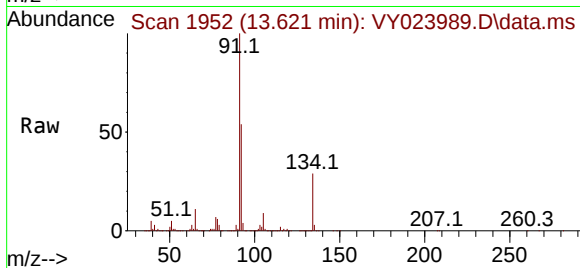
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1903767

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	28.2	14.2	42.6



#90

Hexachloroethane

Concen: 112.271 ug/l

RT: 13.883 min Scan# 1995

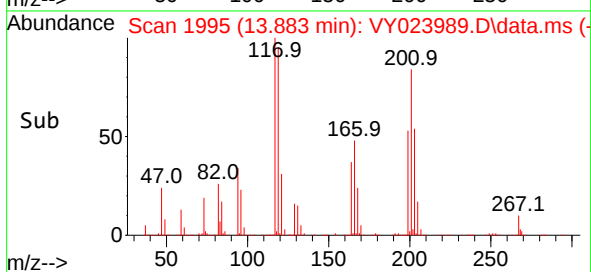
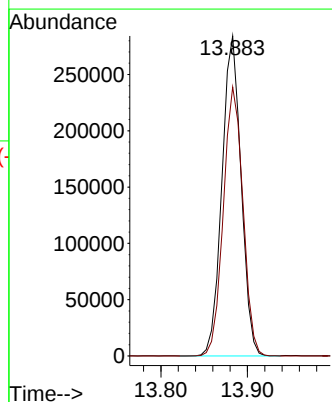
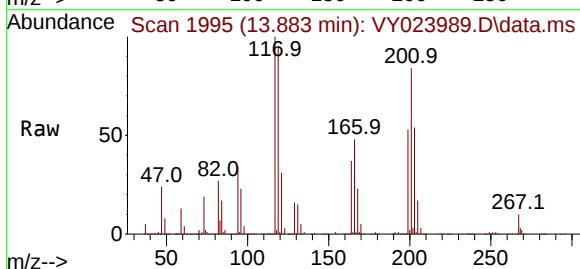
Delta R.T. 0.000 min

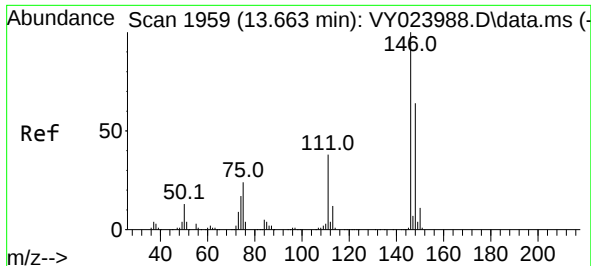
Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Tgt Ion: 117 Resp: 436199

Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.5	130.7

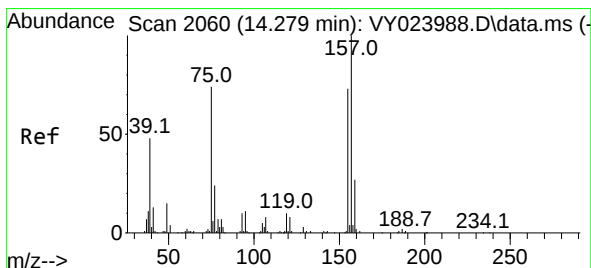
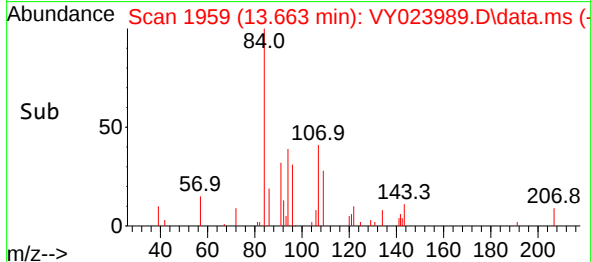
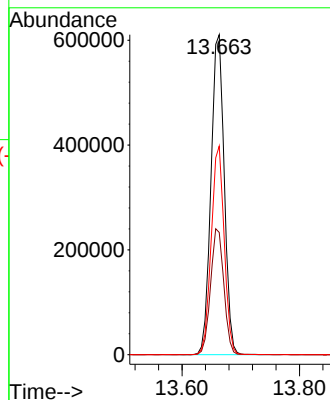
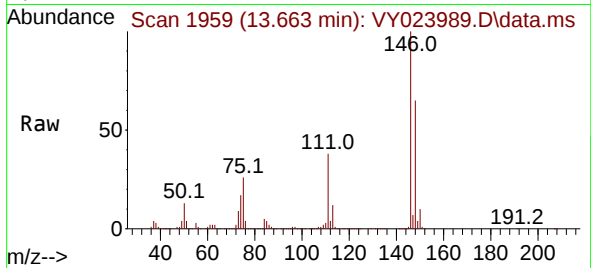




#91
1,2-Dichlorobenzene
Concen: 110.325 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

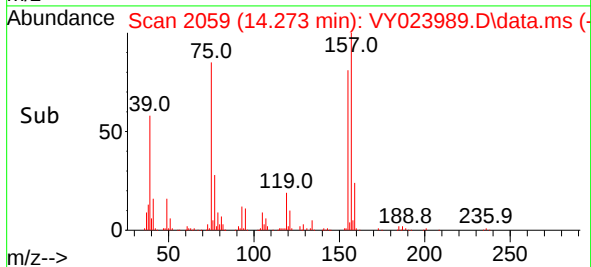
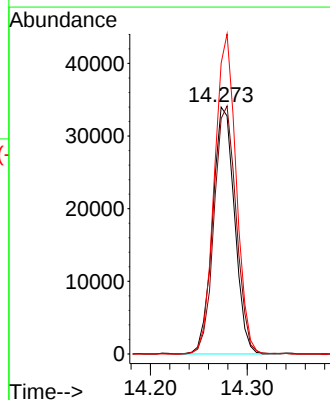
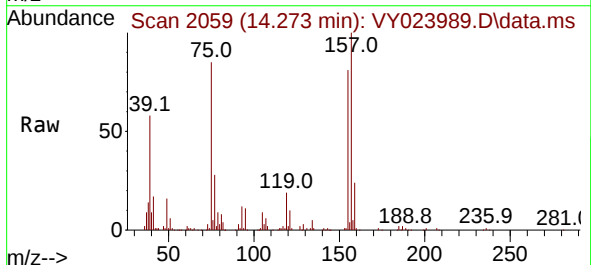
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

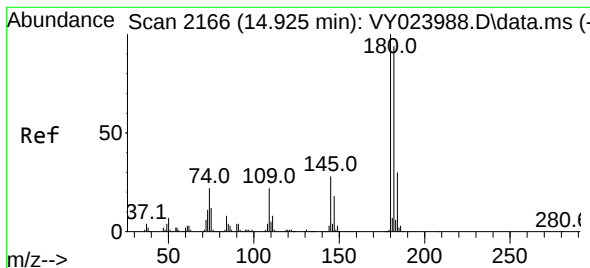
Tgt Ion:146 Resp: 956817
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.4
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 116.735 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 75 Resp: 53587
Ion Ratio Lower Upper
75 100
155 100.6 49.3 147.8
157 127.5 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 114.336 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

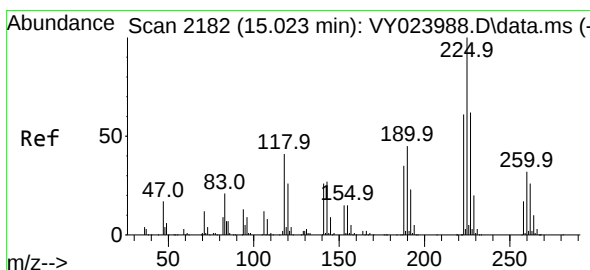
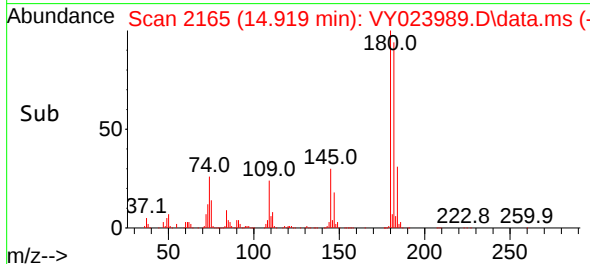
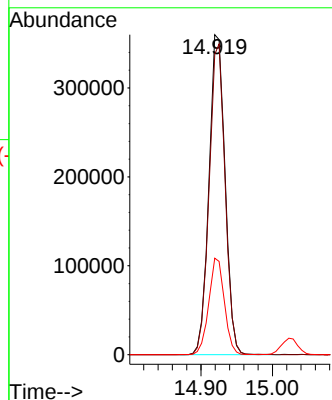
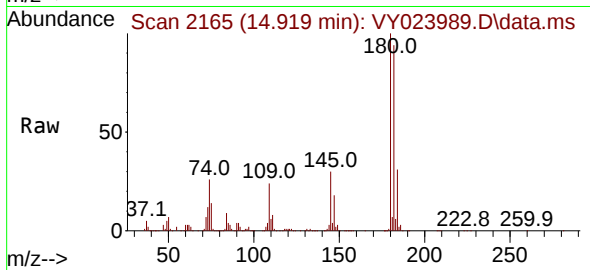
Tgt Ion:180 Resp: 564090

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 29.3 14.4 43.4



#94

Hexachlorobutadiene

Concen: 105.082 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

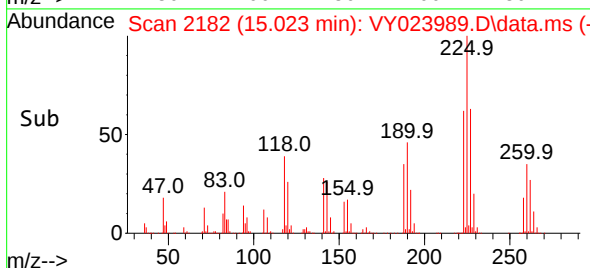
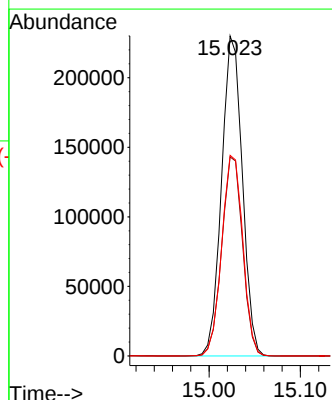
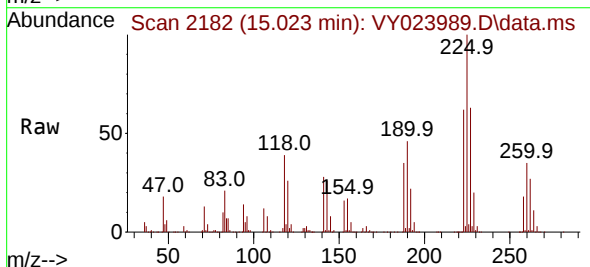
Tgt Ion:225 Resp: 362949

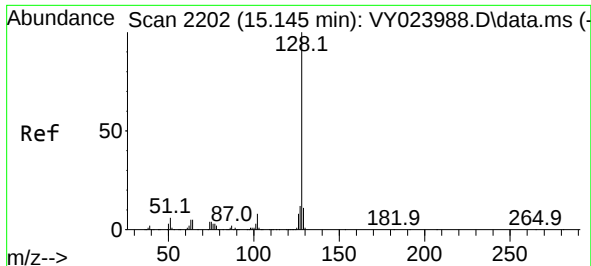
Ion Ratio Lower Upper

225 100

223 62.4 30.9 92.5

227 63.9 32.1 96.3

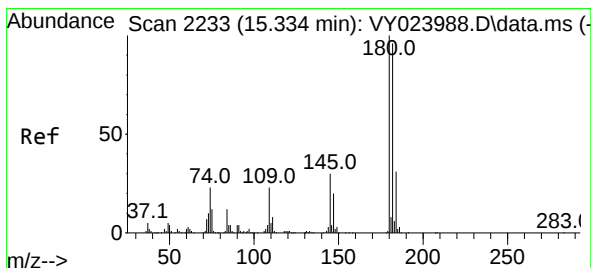
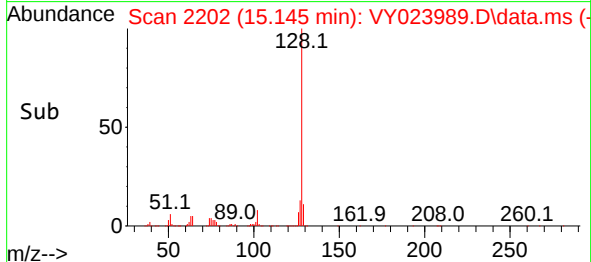
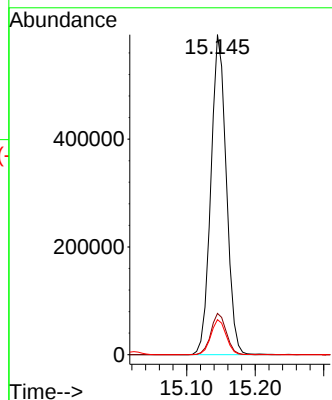
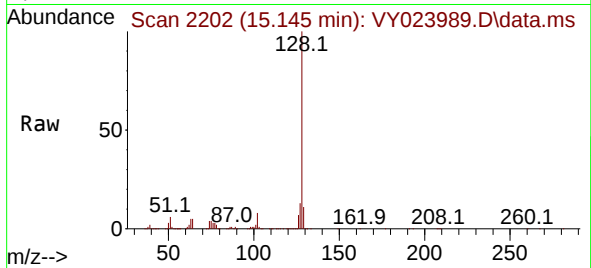




#95
Naphthalene
Concen: 107.029 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 929696
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 114.488 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:180 Resp: 474010
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 30.7 15.6 46.7

