

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023985.D
 Acq On : 16 Dec 2025 13:21
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 17 03:32:33 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	424709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	610145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	512883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	260788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	16451	5.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.260%#
35) Dibromofluoromethane	7.646	113	17940	4.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.820%#
50) Toluene-d8	10.115	98	63892	4.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.700%#
62) 4-Bromofluorobenzene	12.408	95	20582	4.766	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.540%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	13325	4.890	ug/l	93
3) Chloromethane	2.074	50	14153	4.437	ug/l	96
4) Vinyl Chloride	2.214	62	17926	4.449	ug/l	95
5) Bromomethane	2.611	94	17414	4.870	ug/l	100
6) Chloroethane	2.751	64	12886	4.540	ug/l	98
7) Trichlorofluoromethane	3.074	101	30390	4.725	ug/l	99
8) Diethyl Ether	3.464	74	7462	4.341	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	19215	4.985	ug/l	99
10) Methyl Iodide	4.013	142	14247	7.518	ug/l	98
11) Tert butyl alcohol	4.878	59	4110	21.873	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	15496	4.435	ug/l	92
13) Acrolein	3.665	56	6201	19.682	ug/l	98
14) Allyl chloride	4.409	41	17182	4.060	ug/l	97
15) Acrylonitrile	5.086	53	13867	20.768	ug/l	99
16) Acetone	3.885	43	36602	31.571	ug/l	92
17) Carbon Disulfide	4.122	76	34980	4.001	ug/l	97
18) Methyl Acetate	4.397	43	6189	4.269	ug/l	96
19) Methyl tert-butyl Ether	5.128	73	33498	4.036	ug/l	99
20) Methylene Chloride	4.628	84	29046	6.585	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	16212	4.270	ug/l	95
22) Diisopropyl ether	6.031	45	36855	3.771	ug/l #	89
23) Vinyl Acetate	5.976	43	95761	18.000	ug/l	100
24) 1,1-Dichloroethane	5.933	63	27990	4.402	ug/l	98
25) 2-Butanone	6.909	43	21723	22.049	ug/l	91
26) 2,2-Dichloropropane	6.902	77	25756	4.340	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	18460	4.105	ug/l	93
28) Bromochloromethane	7.262	49	9602	3.783	ug/l	95
29) Tetrahydrofuran	7.274	42	9376	18.797	ug/l	97
30) Chloroform	7.433	83	32181	4.562	ug/l	99
31) Cyclohexane	7.713	56	26715	4.755	ug/l #	73
32) 1,1,1-Trichloroethane	7.628	97	29342	4.484	ug/l	100
36) 1,1-Dichloropropene	7.847	75	21701	4.336	ug/l	98
37) Ethyl Acetate	7.006	43	8130	4.291	ug/l	94
38) Carbon Tetrachloride	7.823	117	29180	4.655	ug/l #	83
39) Methylcyclohexane	9.116	83	28740	4.307	ug/l	93
40) Benzene	8.091	78	65036	4.238	ug/l	97

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	3680	3.217	ug/l	89
42) 1,2-Dichloroethane	8.171	62	17647	4.463	ug/l	99
43) Isopropyl Acetate	8.207	43	13761	3.755	ug/l #	86
44) Trichloroethene	8.872	130	20109	4.447	ug/l	93
45) 1,2-Dichloropropane	9.146	63	14827	4.303	ug/l	98
46) Dibromomethane	9.237	93	8854	4.285	ug/l	99
47) Bromodichloromethane	9.433	83	22418	4.182	ug/l #	95
48) Methyl methacrylate	9.231	41	5944	3.328	ug/l #	91
49) 1,4-Dioxane	9.237	88	2019	89.708	ug/l	89
51) 4-Methyl-2-Pentanone	10.006	43	34538	18.005	ug/l	99
52) Toluene	10.176	92	50577	4.735	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	17583	3.859	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	21257	3.894	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	11824	4.166	ug/l	95
56) Ethyl methacrylate	10.445	69	10959	7.247	ug/l	96
57) 1,3-Dichloropropane	10.725	76	19089	4.195	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	21711	22.412	ug/l	98
59) 2-Hexanone	10.768	43	26605	18.455	ug/l	97
60) Dibromochloromethane	10.914	129	16576	4.153	ug/l	99
61) 1,2-Dibromoethane	11.024	107	11081	4.217	ug/l	98
64) Tetrachloroethene	10.652	164	23418	4.450	ug/l	94
65) Chlorobenzene	11.444	112	48830	4.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	17423	4.374	ug/l	96
67) Ethyl Benzene	11.524	91	72773	3.963	ug/l	98
68) m/p-Xylenes	11.633	106	59032	8.004	ug/l	98
69) o-Xylene	11.956	106	26938	3.927	ug/l	96
70) Styrene	11.975	104	39356	3.574	ug/l	99
71) Bromoform	12.139	173	10486	4.412	ug/l #	98
73) Isopropylbenzene	12.261	105	71101	3.958	ug/l	98
74) N-amyl acetate	12.072	43	9446	4.694	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	12220	4.490	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	15203	6.584	ug/l #	100
77) Bromobenzene	12.536	156	19660	4.354	ug/l	95
78) n-propylbenzene	12.603	91	80837	3.926	ug/l	97
79) 2-Chlorotoluene	12.682	91	48528	4.118	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	53547	3.791	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	3675	4.073	ug/l	98
82) 4-Chlorotoluene	12.779	91	50842	4.202	ug/l	99
83) tert-Butylbenzene	12.999	119	51102	3.854	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	51714	3.703	ug/l	96
85) sec-Butylbenzene	13.176	105	77505	4.049	ug/l	100
86) p-Isopropyltoluene	13.298	119	63174	3.929	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	38518	4.434	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	39008	4.575	ug/l	93
89) n-Butylbenzene	13.621	91	56558	4.071	ug/l	99
90) Hexachloroethane	13.883	117	14833	4.418	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	32910	4.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1651	4.162	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	17468	4.098	ug/l	99
94) Hexachlorobutadiene	15.029	225	15008	5.029	ug/l	98
95) Naphthalene	15.151	128	20712	4.688	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	14769	4.128	ug/l	98

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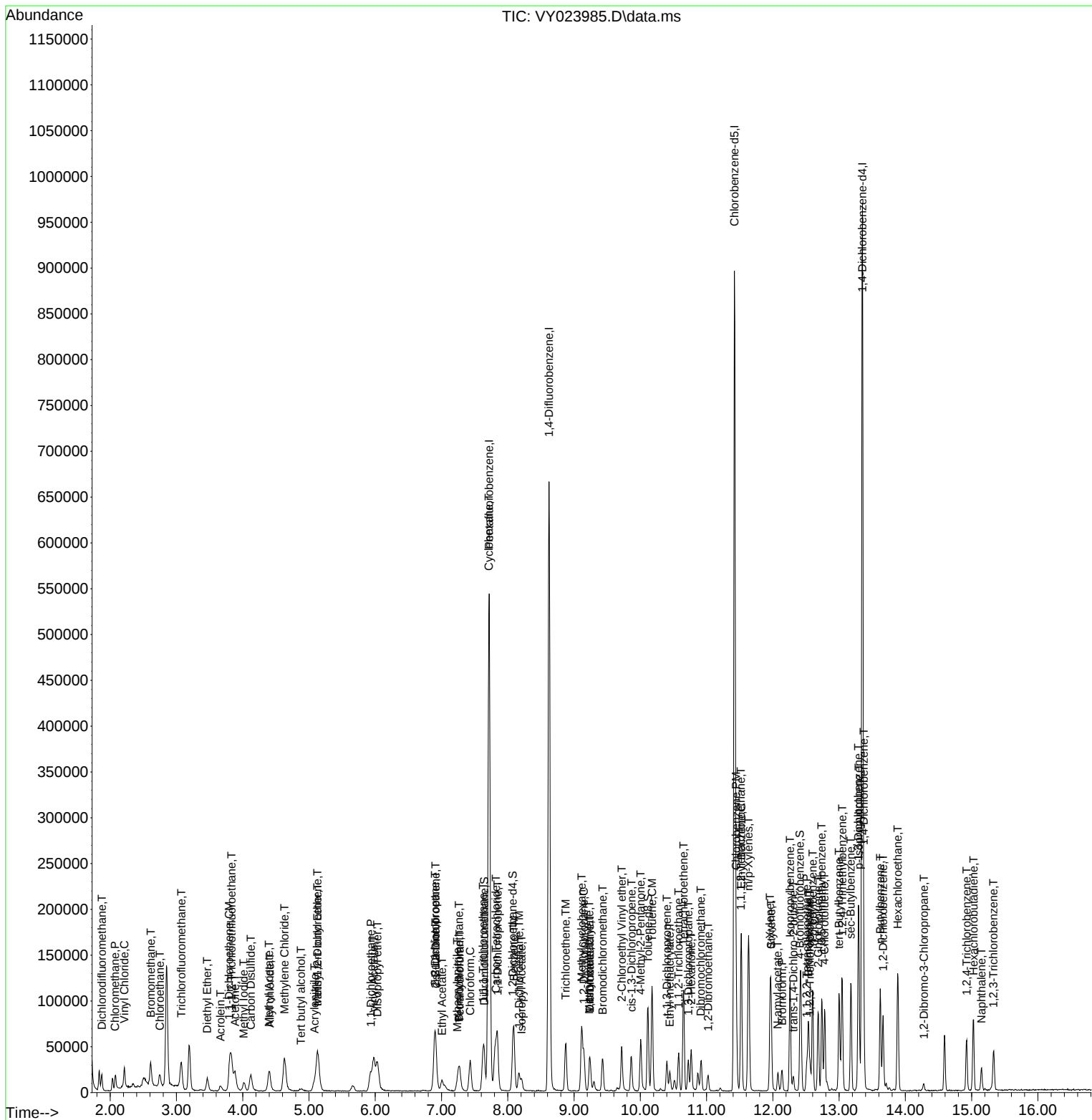
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MSVOA_Y
ClientSampleId :
VSTDICC005

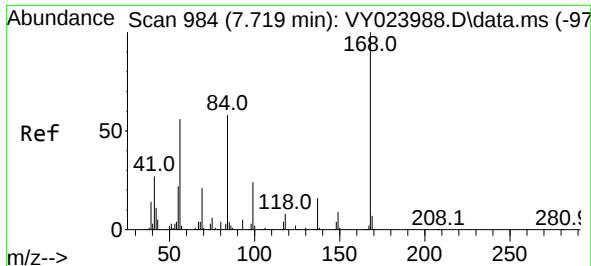
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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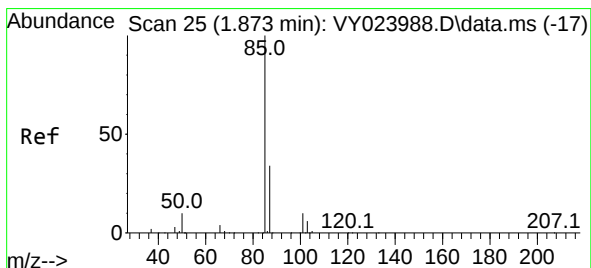
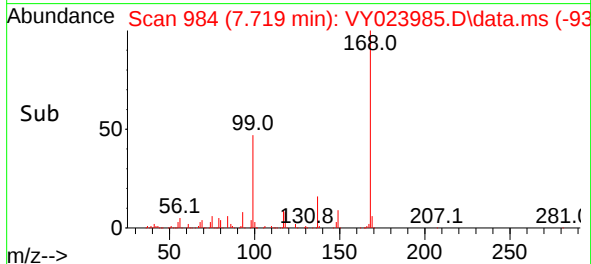
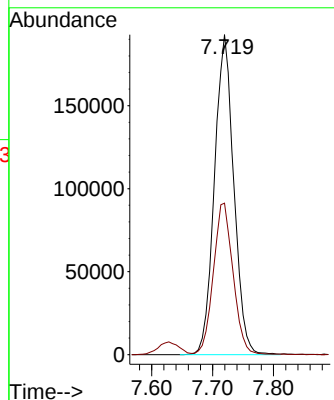
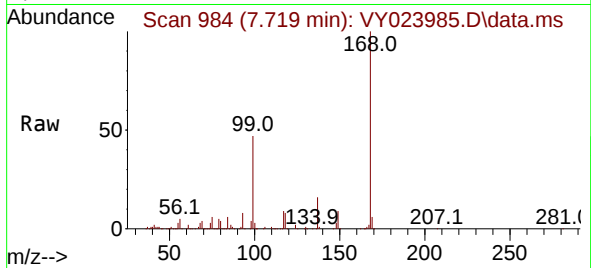




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023985.D
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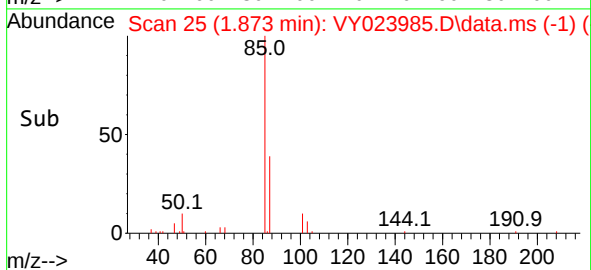
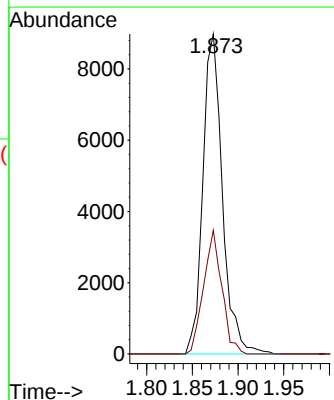
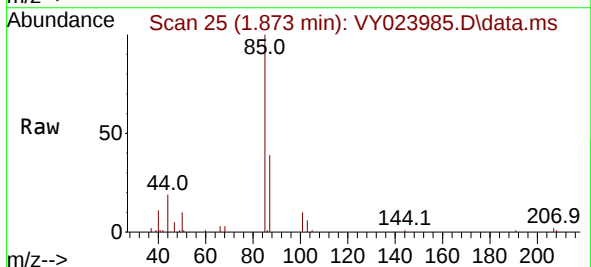
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

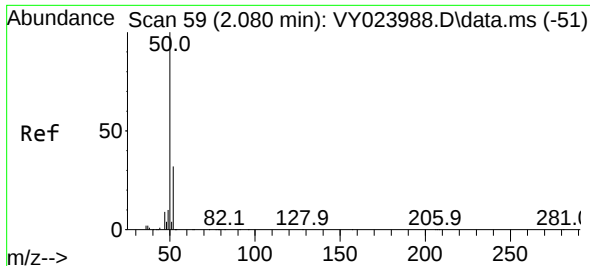
Tgt Ion:168 Resp: 424709
Ion Ratio Lower Upper
168 100
99 47.2 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 4.890 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 85 Resp: 13325
Ion Ratio Lower Upper
85 100
87 38.6 17.3 51.7

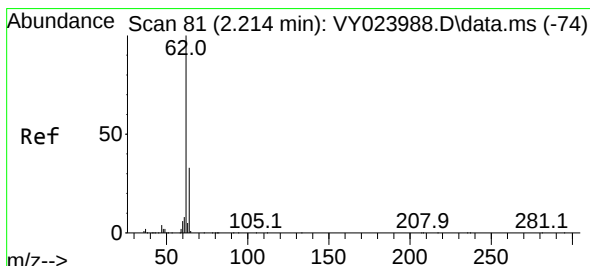
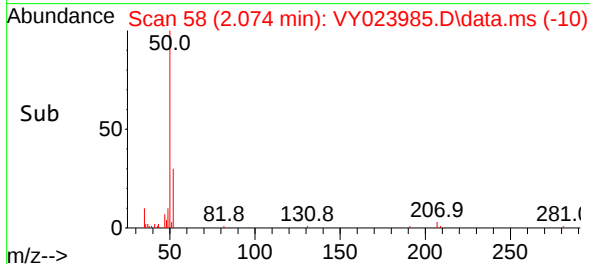
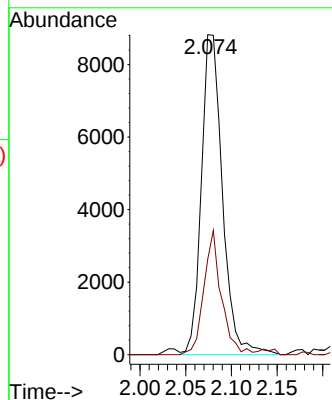
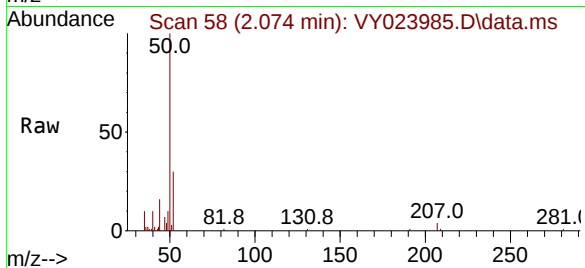




#3
Chloromethane
Concen: 4.437 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

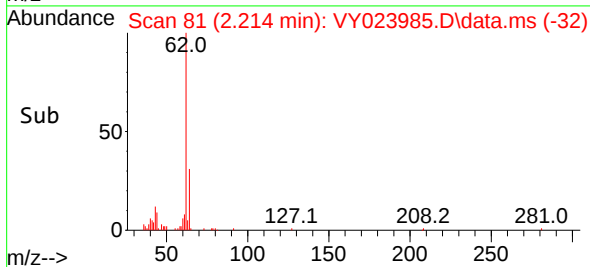
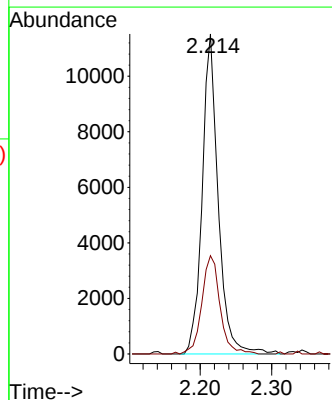
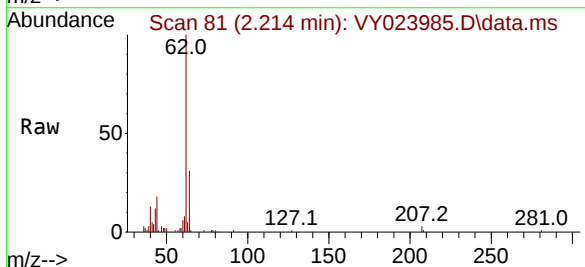
Instrument :
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VSTDIC005

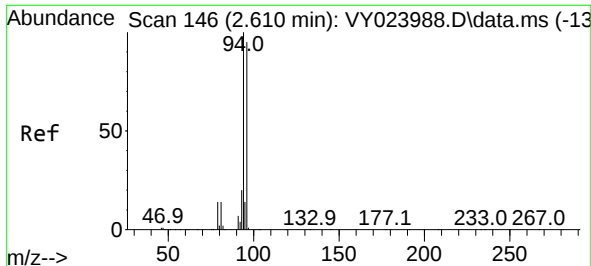
Tgt Ion: 50 Resp: 14153
Ion Ratio Lower Upper
50 100
52 29.8 25.8 38.8



#4
Vinyl Chloride
Concen: 4.449 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 62 Resp: 17926
Ion Ratio Lower Upper
62 100
64 30.7 26.6 40.0

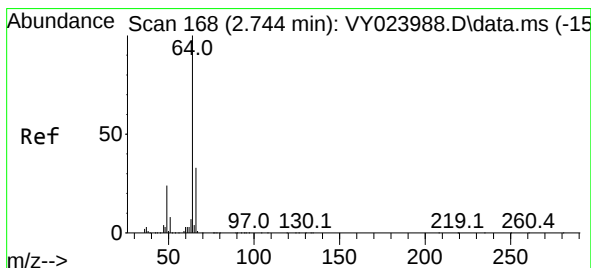
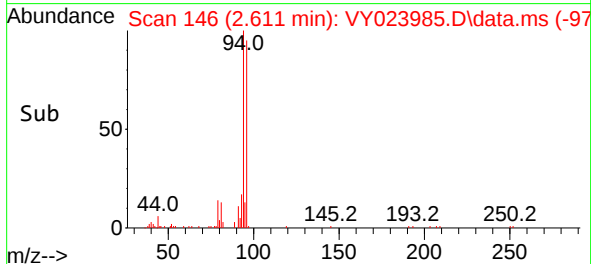
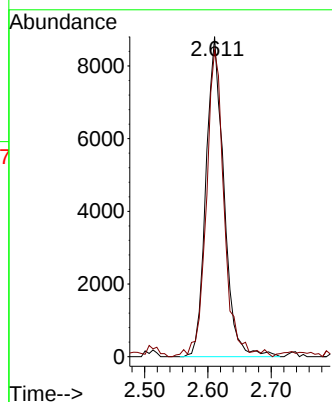
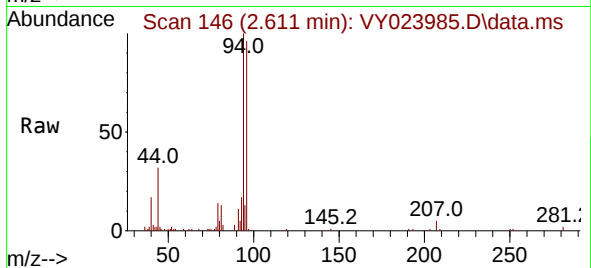




#5
Bromomethane
Concen: 4.870 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

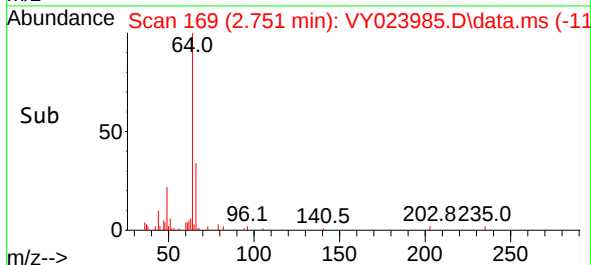
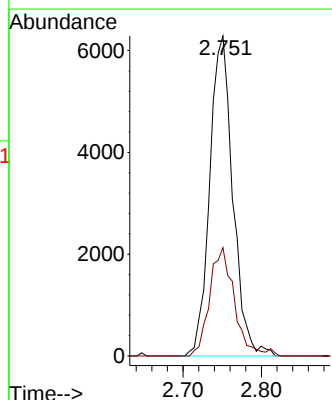
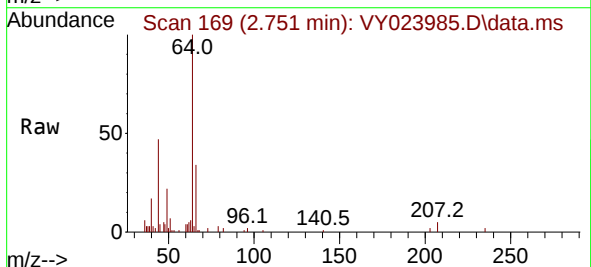
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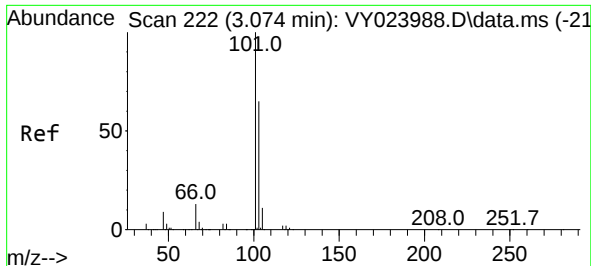
Tgt Ion: 94 Resp: 17414
Ion Ratio Lower Upper
94 100
96 95.0 75.6 113.4



#6
Chloroethane
Concen: 4.540 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 64 Resp: 12886
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.4

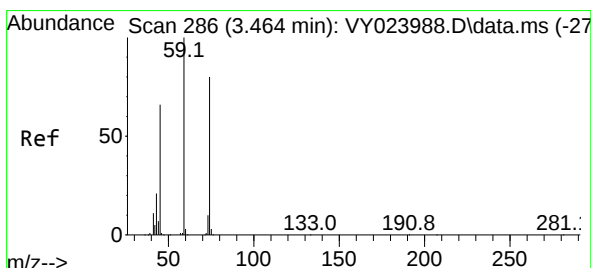
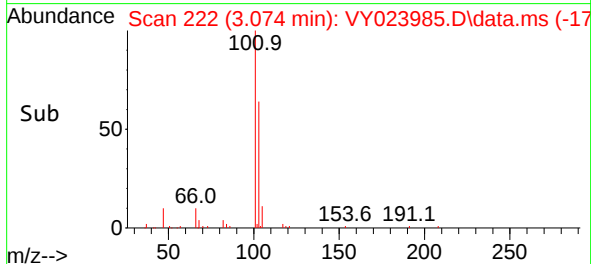
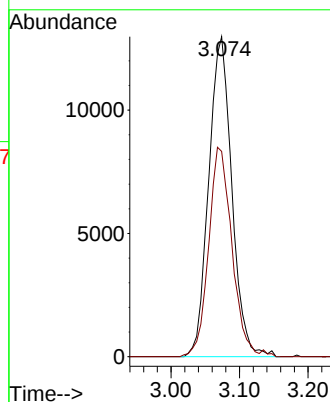
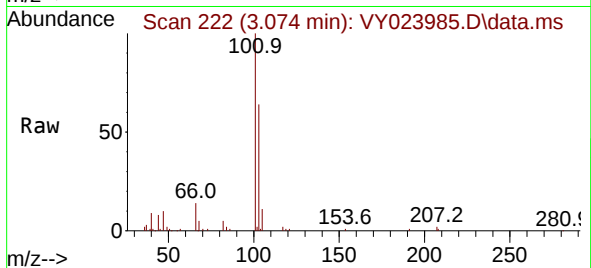




#7
 Trichlorofluoromethane
 Concen: 4.725 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

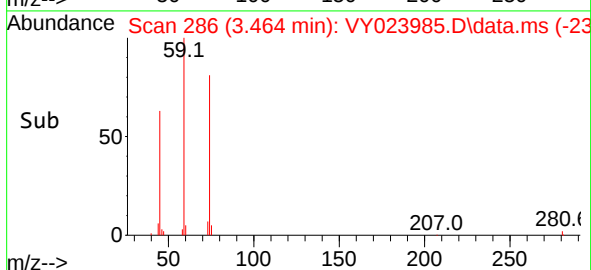
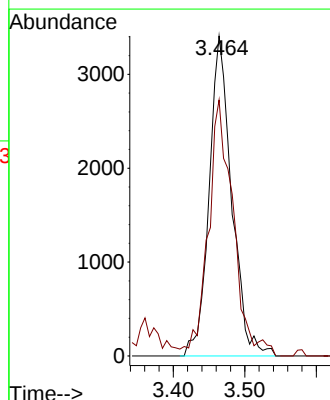
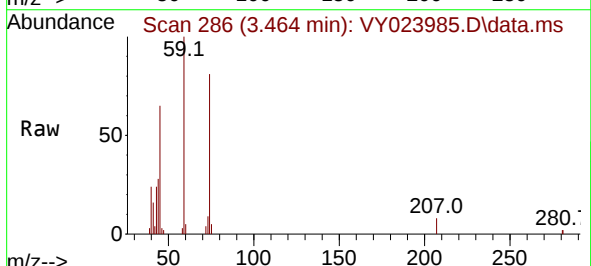
Instrument :
 MSVOA_Y
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 VSTDIC005

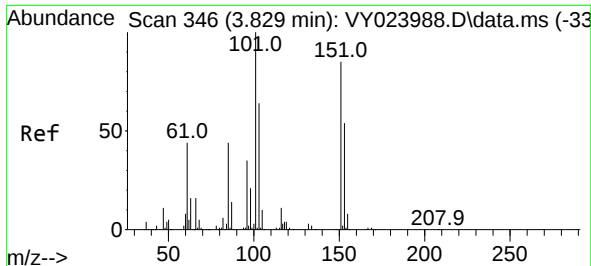
Tgt Ion:101 Resp: 30390
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6



#8
 Diethyl Ether
 Concen: 4.341 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY023985.D
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Tgt Ion: 74 Resp: 7462
 Ion Ratio Lower Upper
 74 100
 45 79.7 39.9 119.7

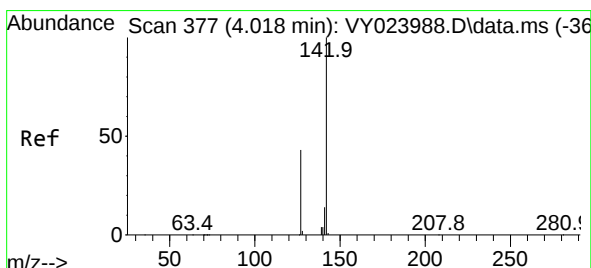
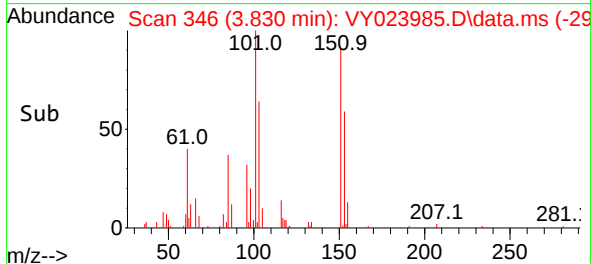
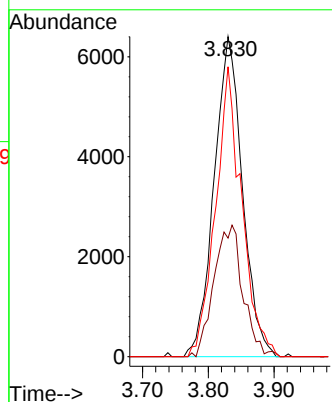
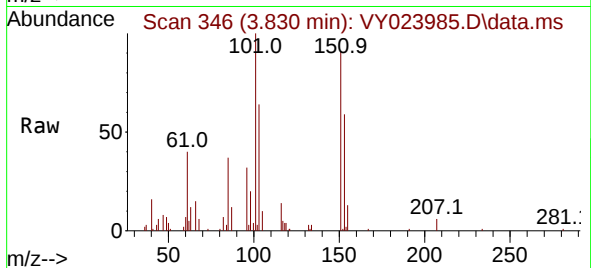




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.985 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

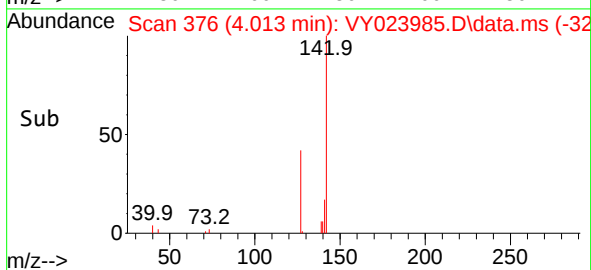
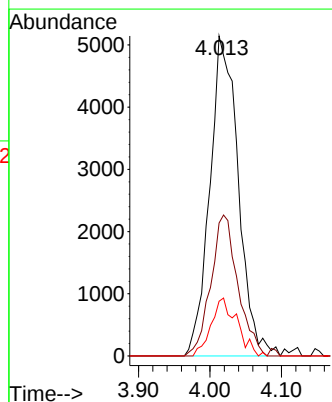
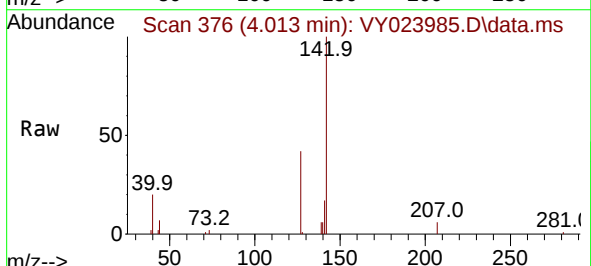
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

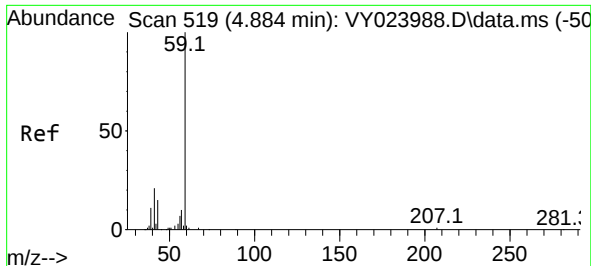
Tgt Ion:101 Resp: 19215
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 83.8 67.6 101.4



#10
Methyl Iodide
Concen: 7.518 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.005 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion:142 Resp: 14247
Ion Ratio Lower Upper
142 100
127 41.7 34.3 51.5
141 16.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 21.873 ug/l

RT: 4.878 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

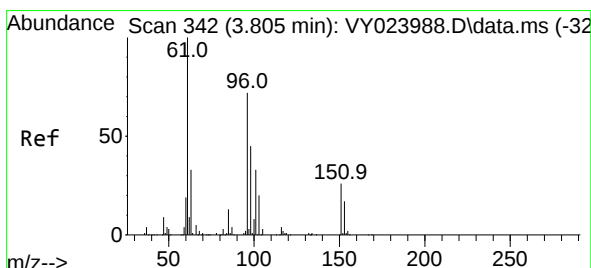
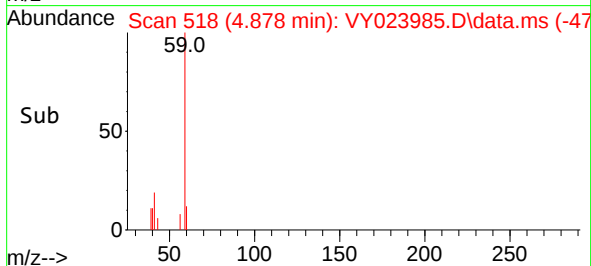
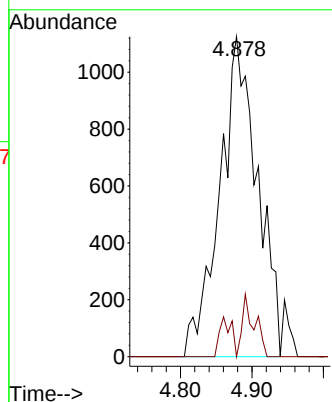
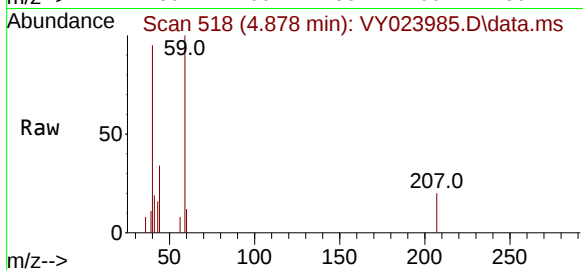
VSTDIC005

Tgt Ion: 59 Resp: 4110

Ion Ratio Lower Upper

59 100

57 6.3 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 4.435 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.012 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

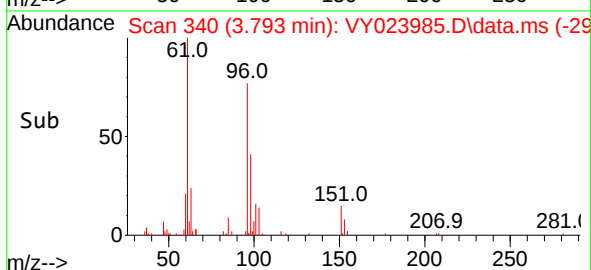
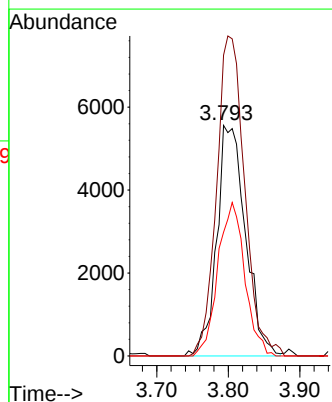
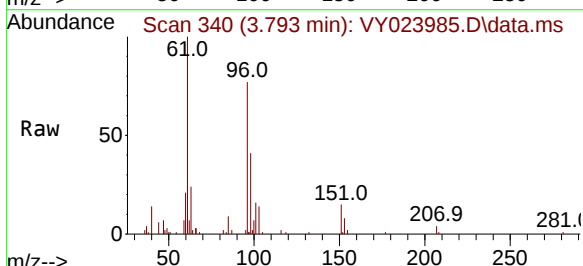
Tgt Ion: 96 Resp: 15496

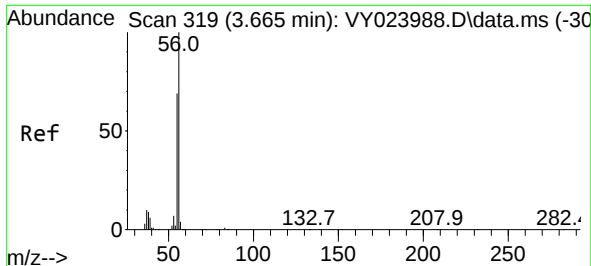
Ion Ratio Lower Upper

96 100

61 130.4 111.1 166.7

98 53.6 50.2 75.2

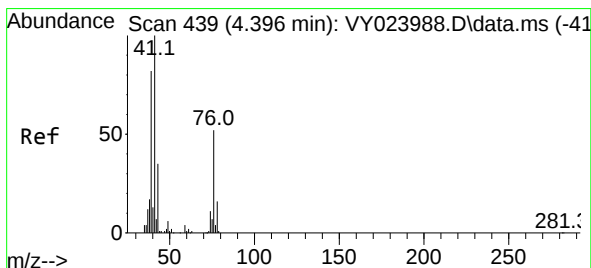
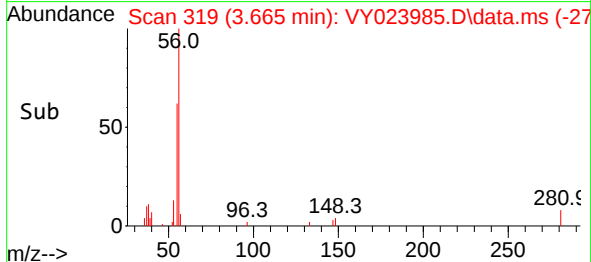
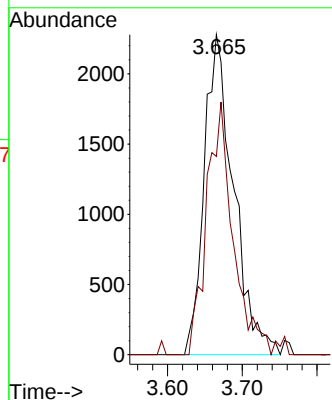
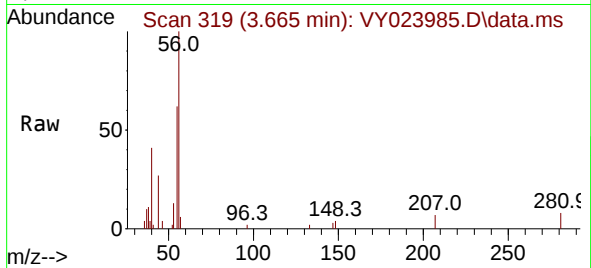




#13
Acrolein
Concen: 19.682 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

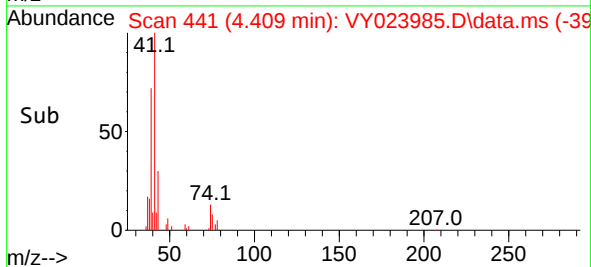
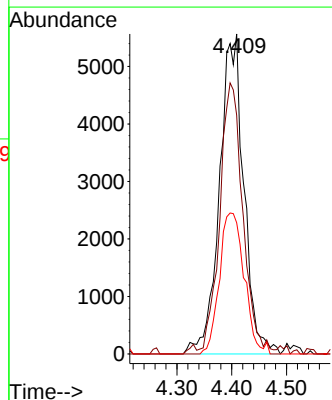
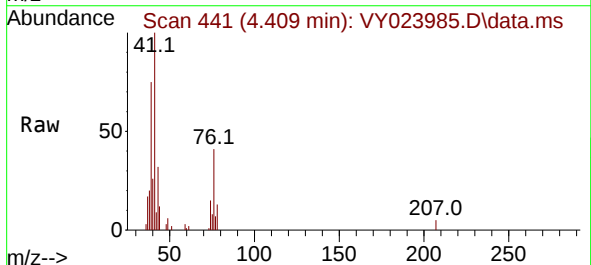
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

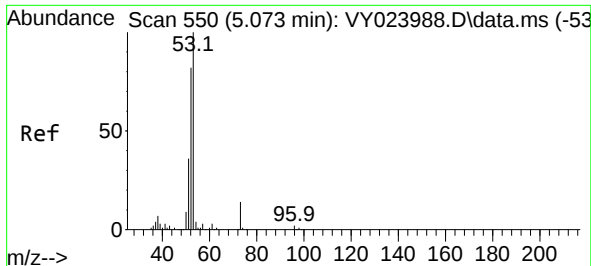
Tgt Ion: 56 Resp: 6201
Ion Ratio Lower Upper
56 100
55 71.1 58.1 87.1



#14
Allyl chloride
Concen: 4.060 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.013 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 41 Resp: 17182
Ion Ratio Lower Upper
41 100
39 80.6 62.9 94.3
76 44.9 38.7 58.1

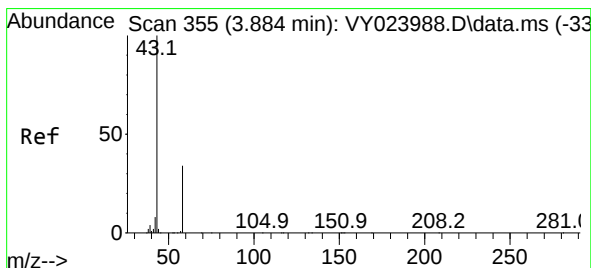
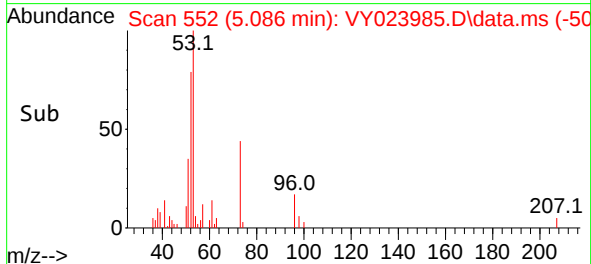
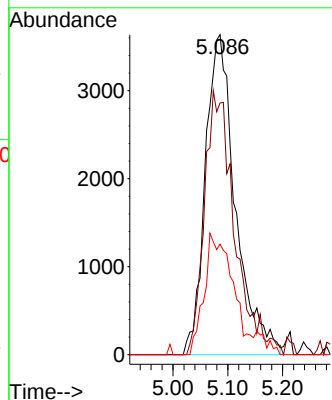
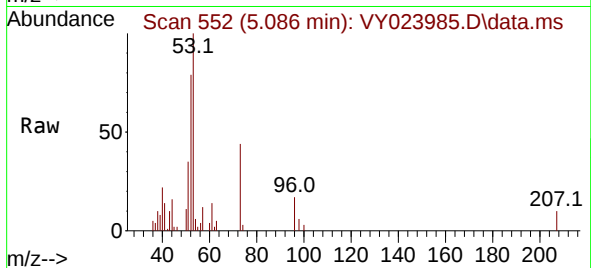




#15
Acrylonitrile
Concen: 20.768 ug/l
RT: 5.086 min Scan# 511
Delta R.T. 0.013 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

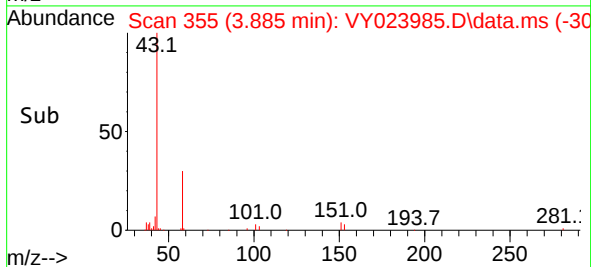
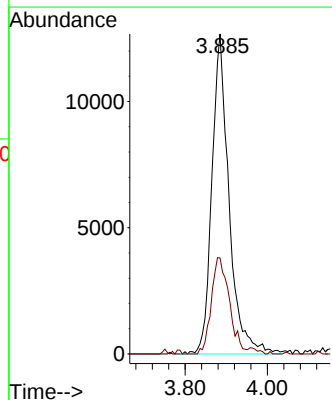
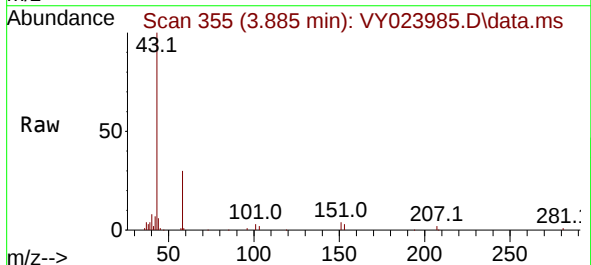
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

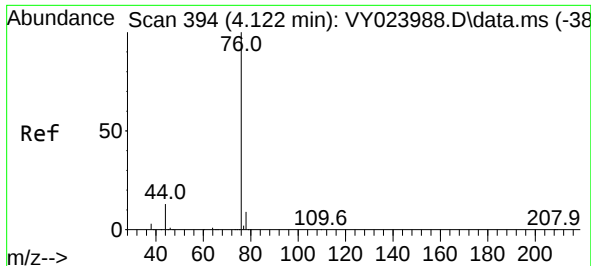
Tgt Ion: 53 Resp: 13867
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.4
51 36.0 29.1 43.7



#16
Acetone
Concen: 31.571 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.001 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 43 Resp: 36602
Ion Ratio Lower Upper
43 100
58 30.0 27.7 41.5

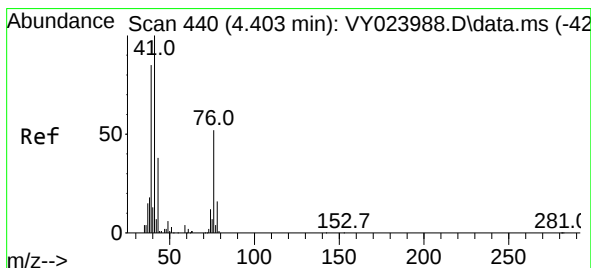
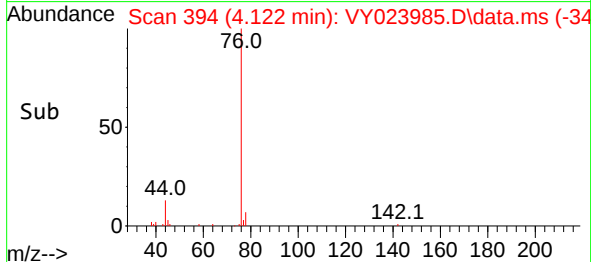
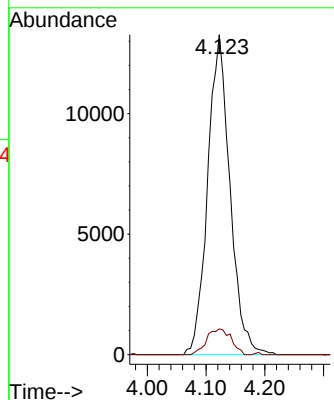
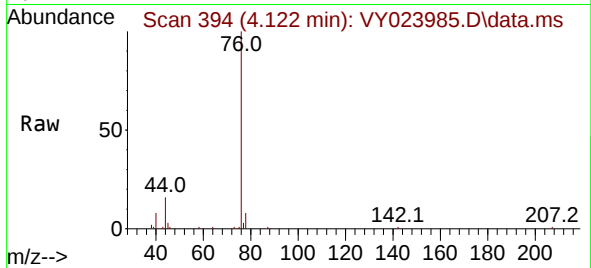




#17
Carbon Disulfide
Concen: 4.001 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

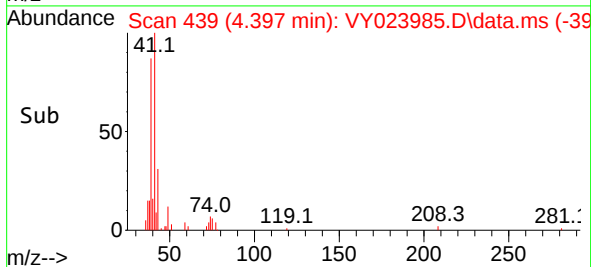
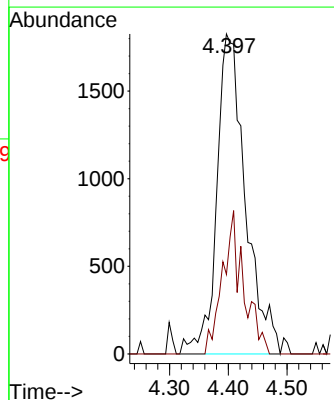
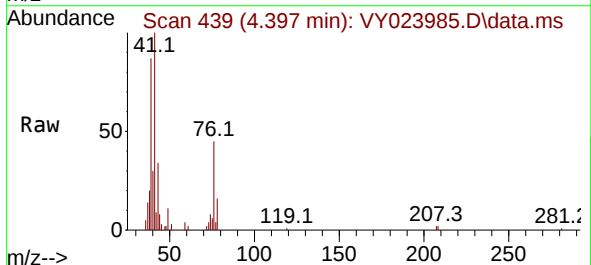
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

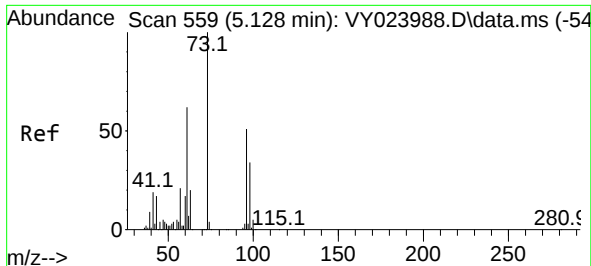
Tgt Ion: 76 Resp: 34980
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#18
Methyl Acetate
Concen: 4.269 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 43 Resp: 6189
Ion Ratio Lower Upper
43 100
74 32.9 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 4.036 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

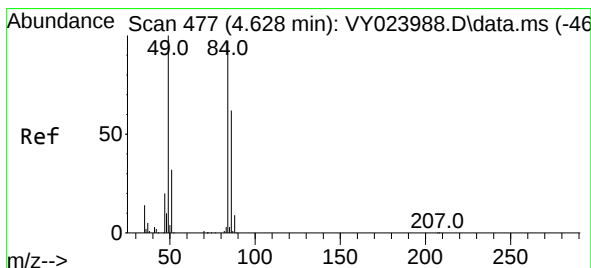
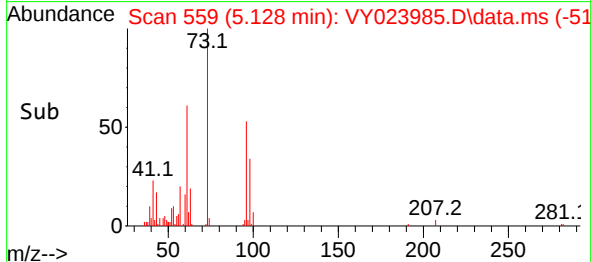
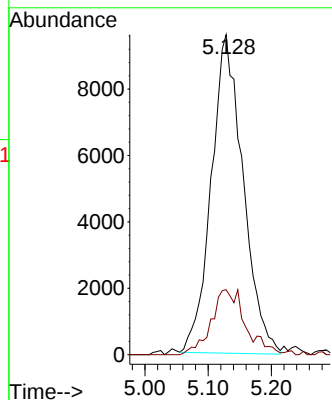
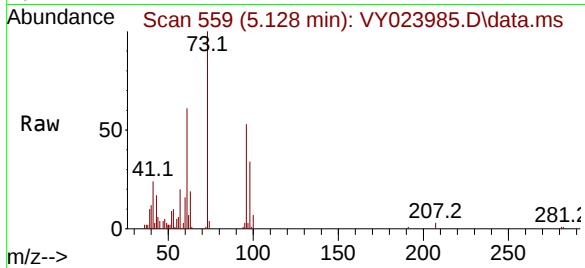
VSTDICC005

Tgt Ion: 73 Resp: 33498

Ion Ratio Lower Upper

73 100

57 20.4 16.6 24.8



#20

Methylene Chloride

Concen: 6.585 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Tgt Ion: 84 Resp: 29046

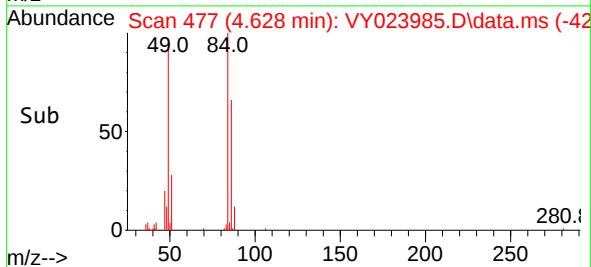
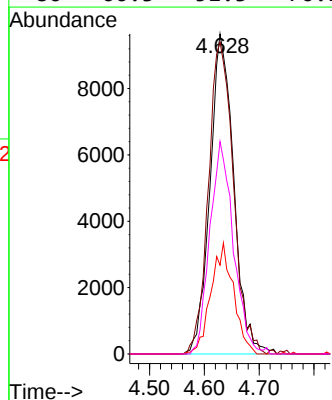
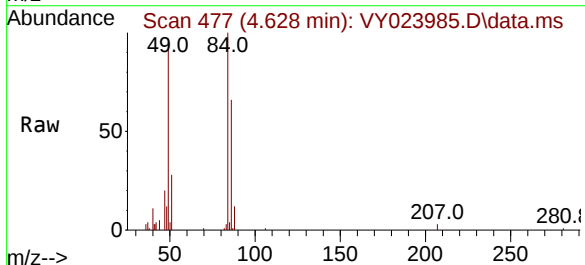
Ion Ratio Lower Upper

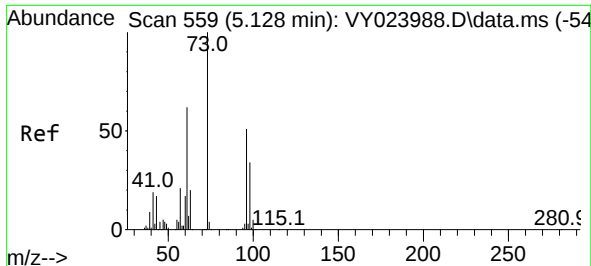
84 100

49 97.5 82.6 124.0

51 27.7 26.4 39.6

86 66.3 51.3 76.9

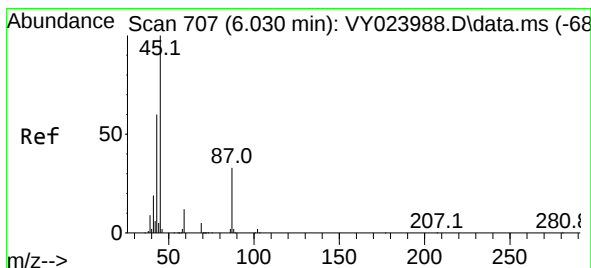
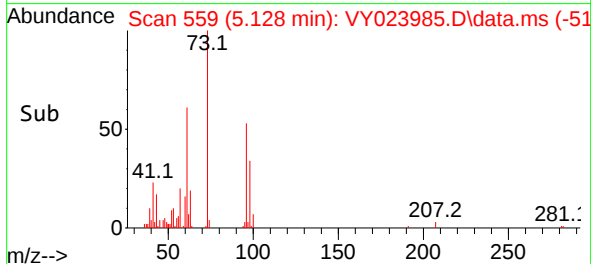
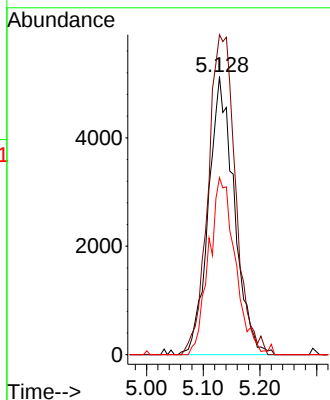
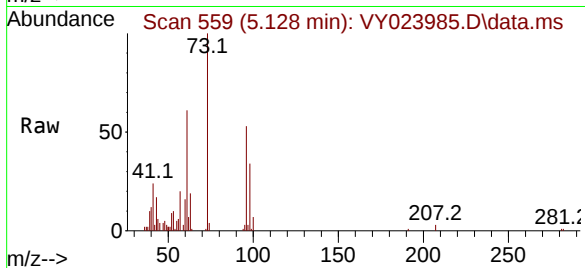




#21
trans-1,2-Dichloroethene
Concen: 4.270 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

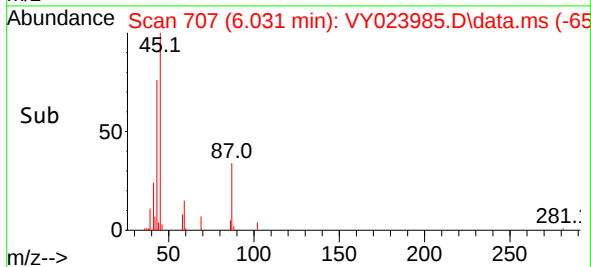
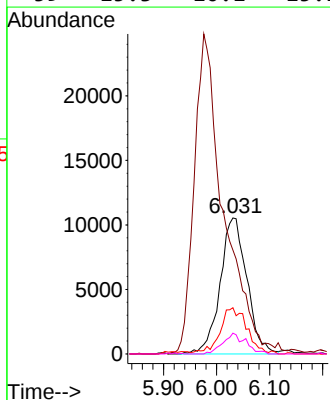
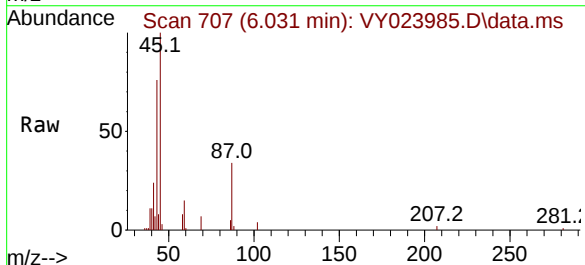
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

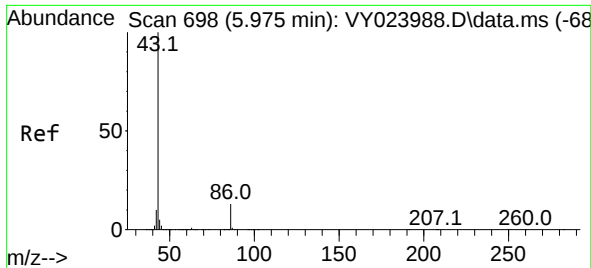
Tgt Ion: 96 Resp: 16212
Ion Ratio Lower Upper
96 100
61 115.0 97.8 146.8
98 63.6 52.8 79.2



#22
Diisopropyl ether
Concen: 3.771 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 45 Resp: 36855
Ion Ratio Lower Upper
45 100
43 73.2 48.3 72.5#
87 34.0 26.8 40.2
59 15.3 10.1 15.1#

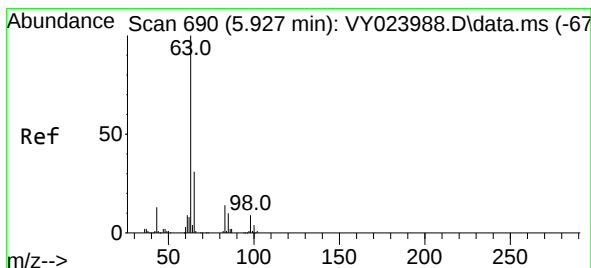
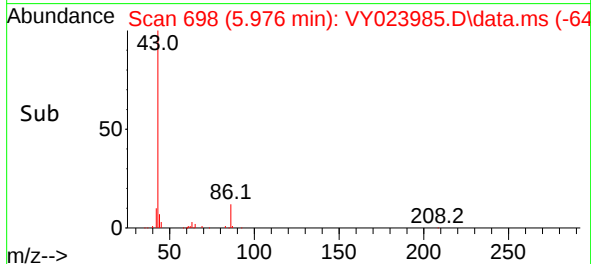
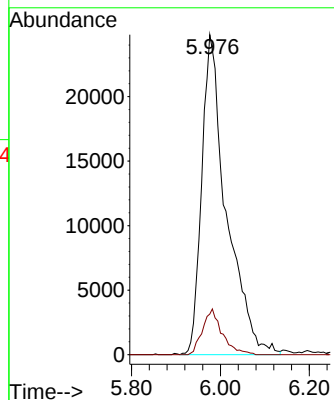
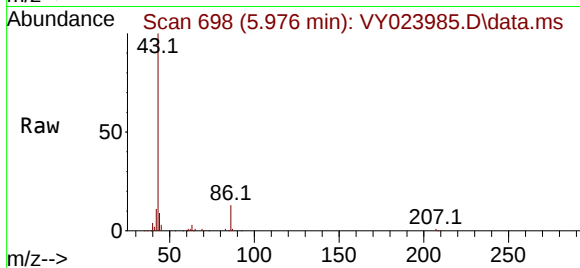




#23
 Vinyl Acetate
 Concen: 18.000 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

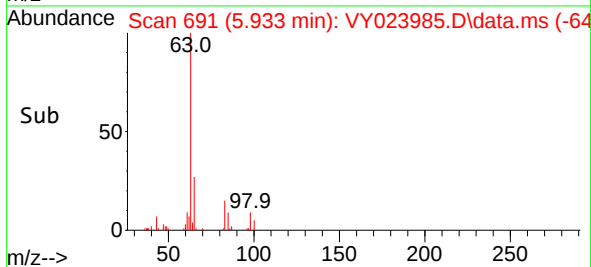
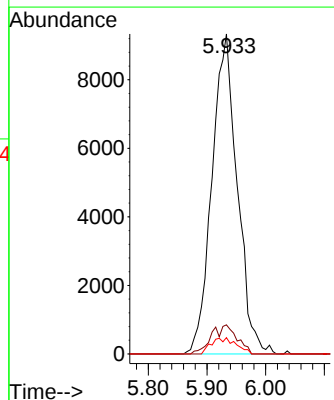
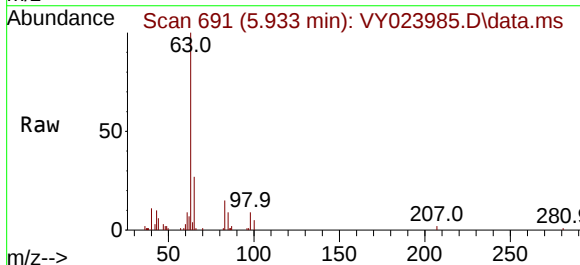
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

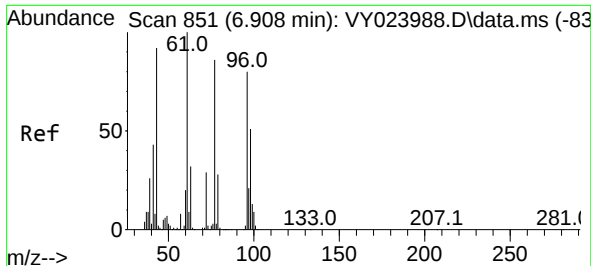
Tgt Ion: 43 Resp: 95761
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 4.402 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

Tgt Ion: 63 Resp: 27990
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.3 12.9
 100 5.1 2.2 6.6

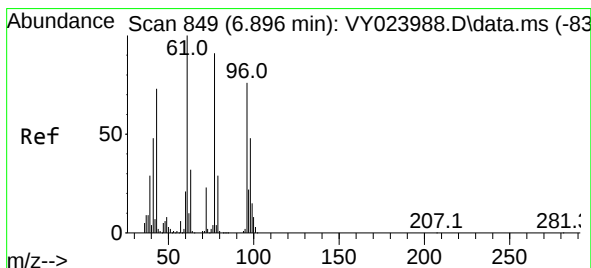
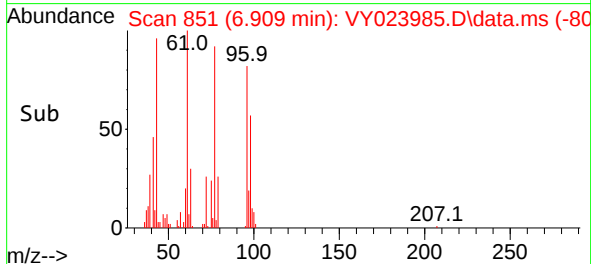
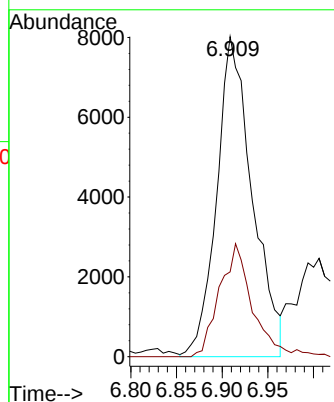
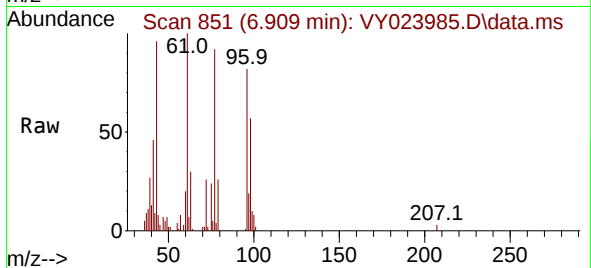




#25
2-Butanone
Concen: 22.049 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

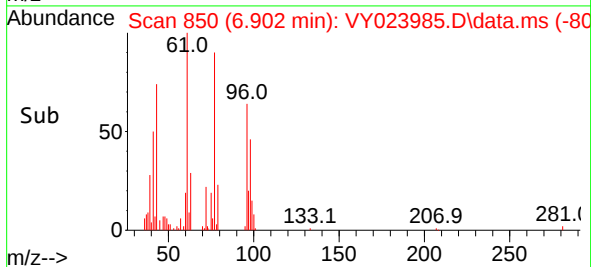
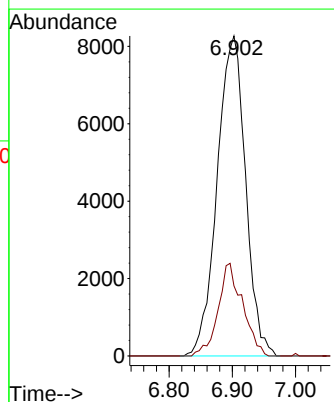
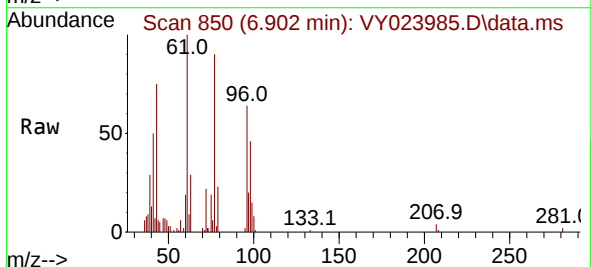
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

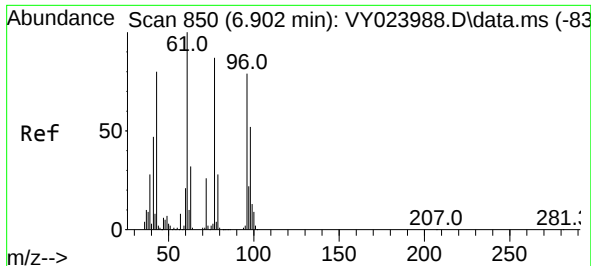
Tgt Ion: 43 Resp: 21723
Ion Ratio Lower Upper
43 100
72 26.7 25.4 38.0



#26
2,2-Dichloropropane
Concen: 4.340 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 77 Resp: 25756
Ion Ratio Lower Upper
77 100
97 25.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 4.105 ug/l

RT: 6.909 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

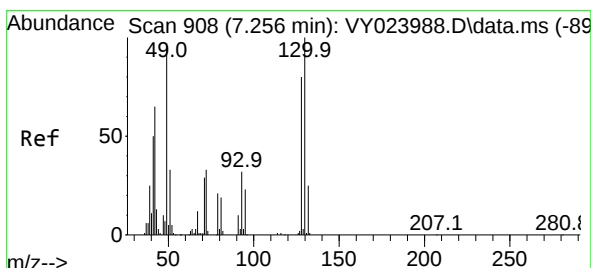
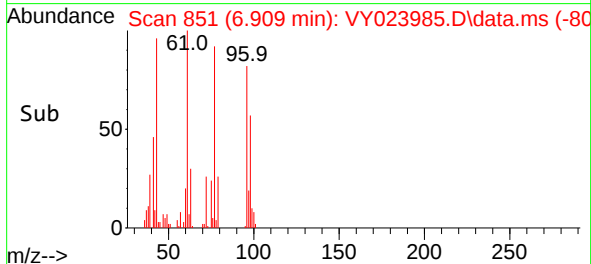
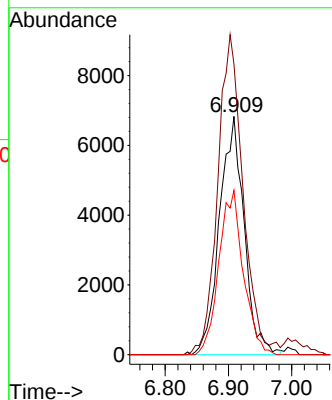
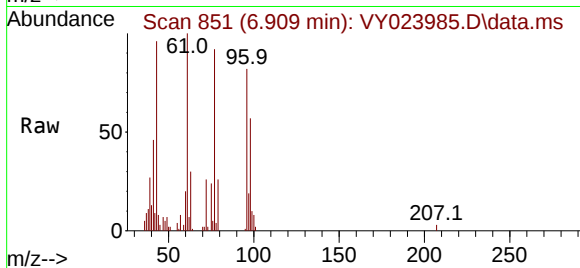
Tgt Ion: 96 Resp: 18460

Ion Ratio Lower Upper

96 100

61 138.1 0.0 258.8

98 68.4 0.0 129.2



#28

Bromochloromethane

Concen: 3.783 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

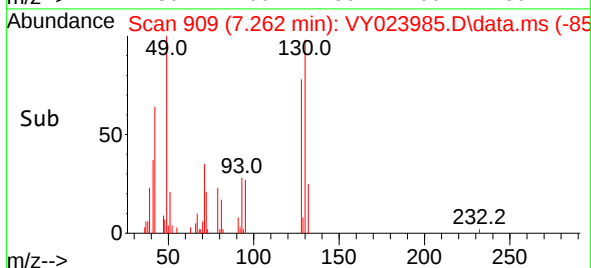
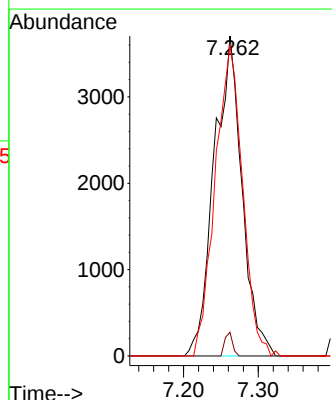
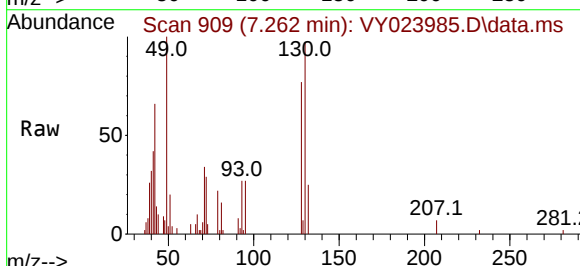
Tgt Ion: 49 Resp: 9602

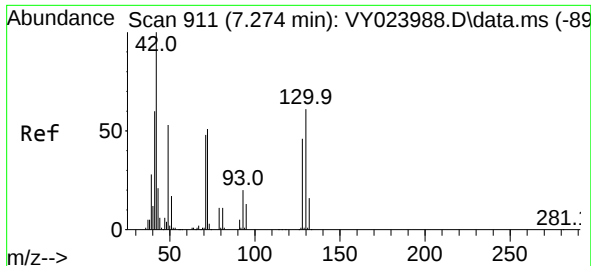
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.4

130 95.2 80.3 120.5

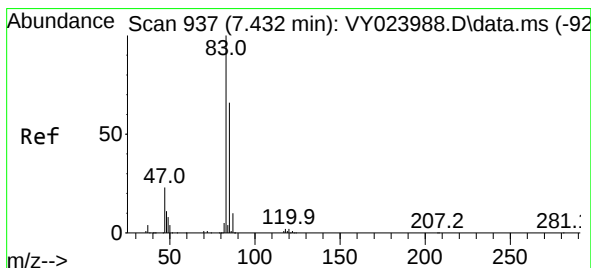
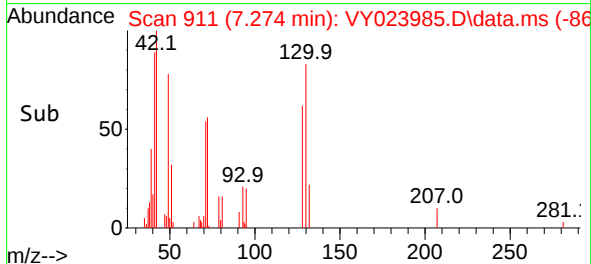
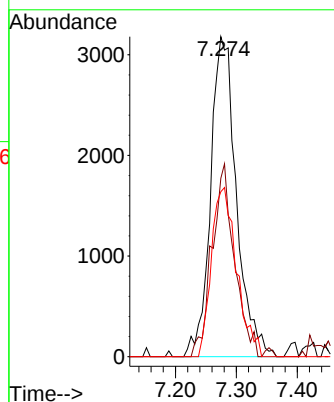
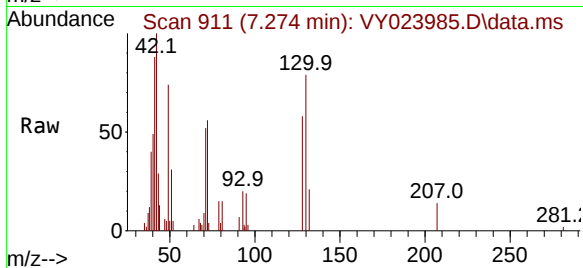




#29
Tetrahydrofuran
Concen: 18.797 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

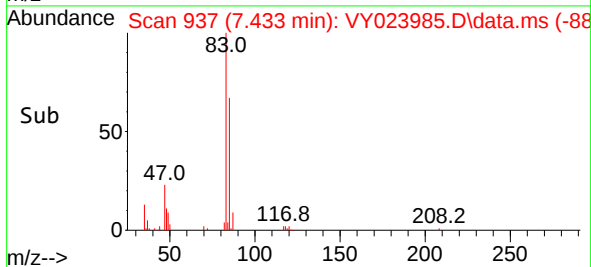
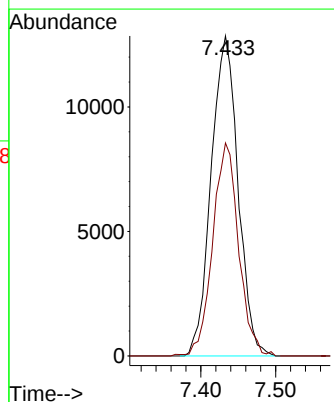
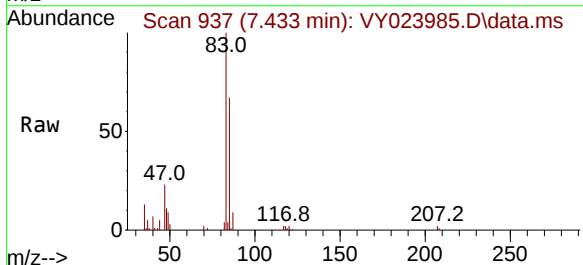
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

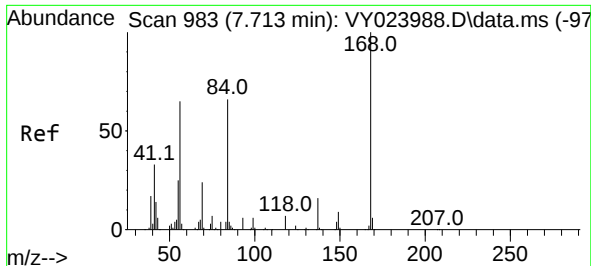
Tgt Ion:	42	Resp:	9376
Ion	Ratio	Lower	Upper
42	100		
72	52.5	41.4	62.0
71	51.5	38.6	57.8



#30
Chloroform
Concen: 4.562 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion:	83	Resp:	32181
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.6	78.8

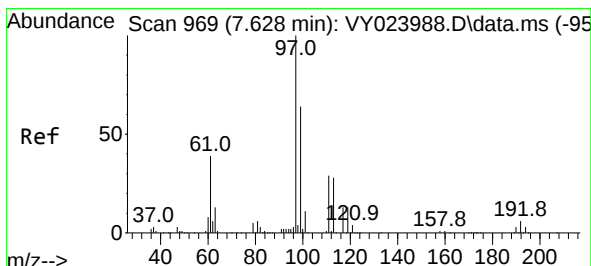
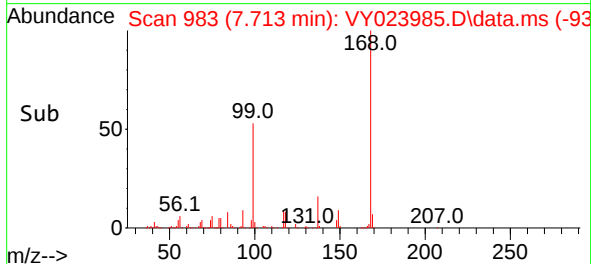
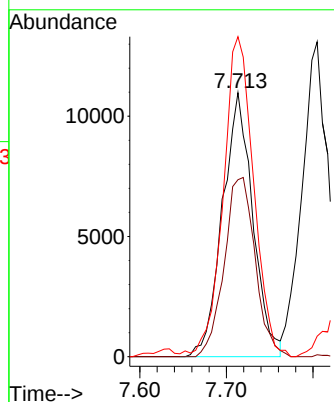
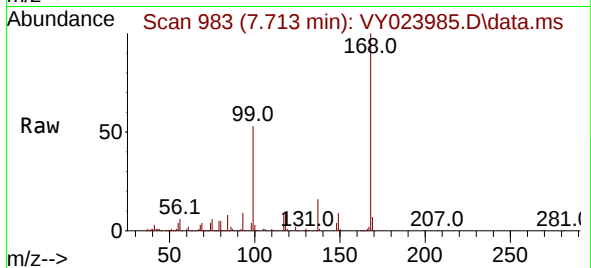




#31
Cyclohexane
Concen: 4.755 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

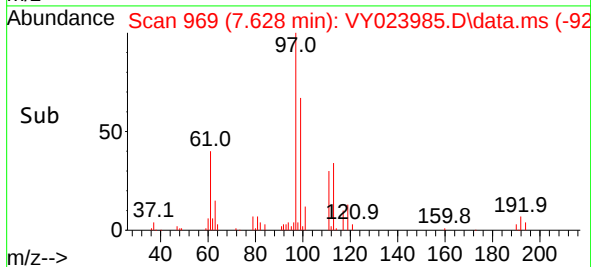
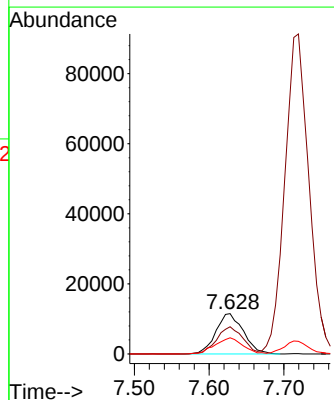
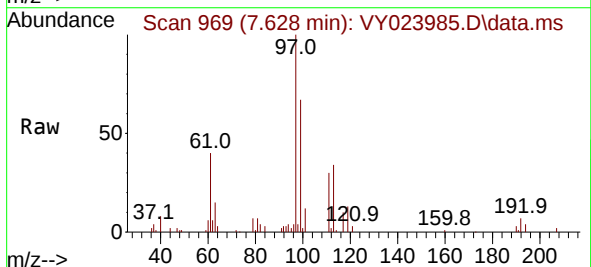
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

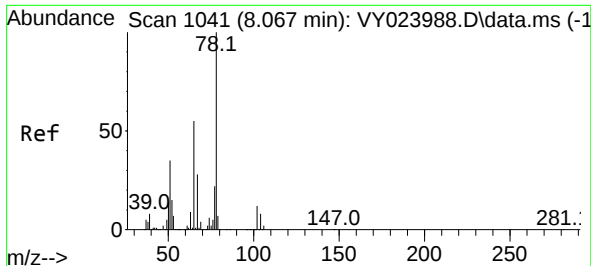
Tgt Ion: 56 Resp: 26715
Ion Ratio Lower Upper
56 100
69 67.0 30.0 45.0#
84 120.1 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 4.484 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 97 Resp: 29342
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 40.4 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 5.125 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

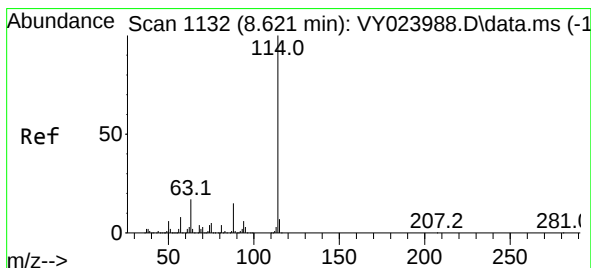
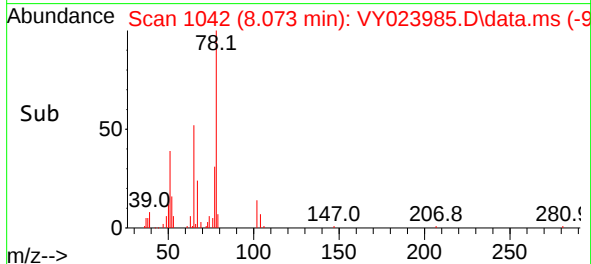
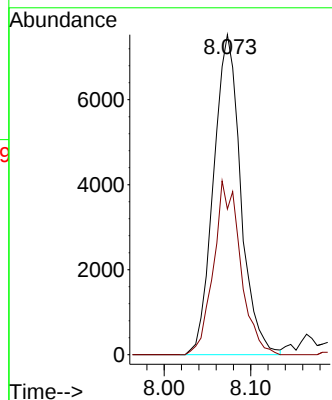
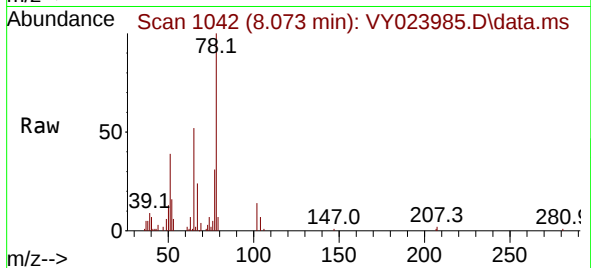
VSTDIC005

Tgt Ion: 65 Resp: 16451

Ion Ratio Lower Upper

65 100

67 53.6 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: VY023985.D

Acq: 16 Dec 2025 13:21

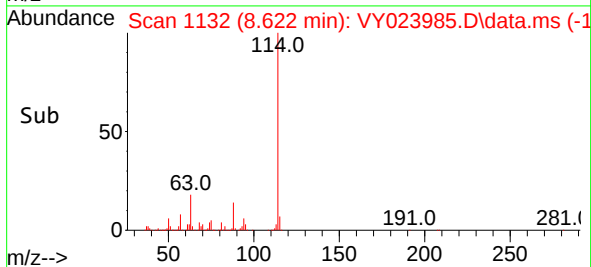
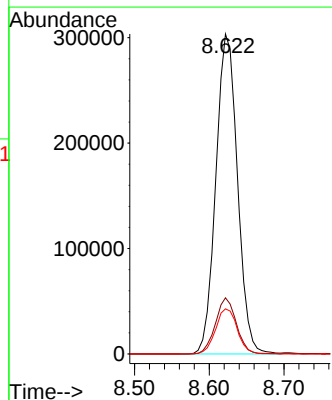
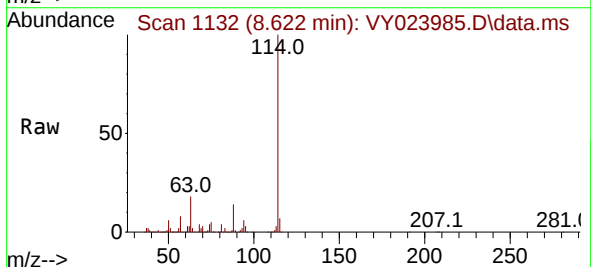
Tgt Ion: 114 Resp: 610145

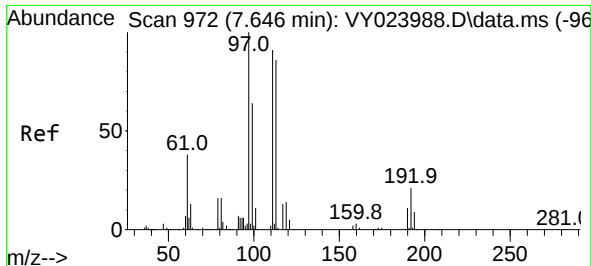
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.6

88 14.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 4.913 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

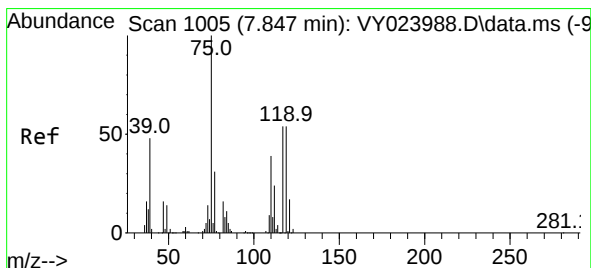
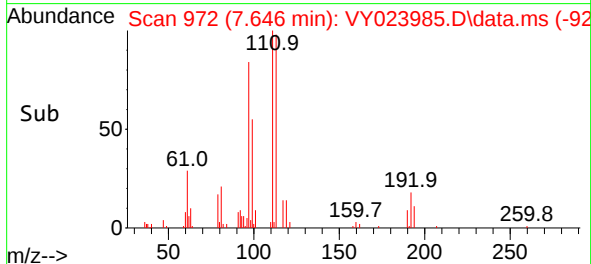
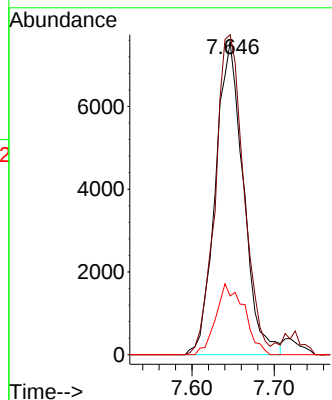
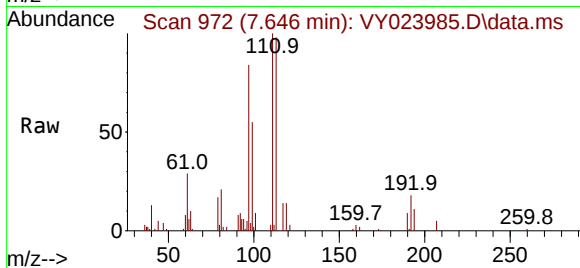
Tgt Ion:113 Resp: 17940

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

192 23.0 18.2 27.4



#36

1,1-Dichloropropene

Concen: 4.336 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

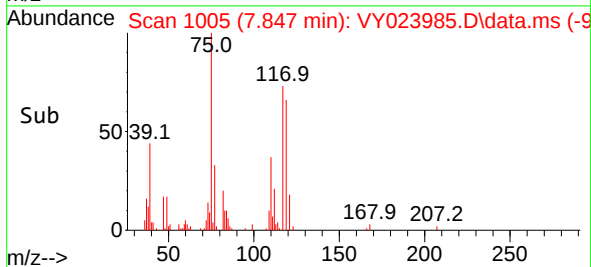
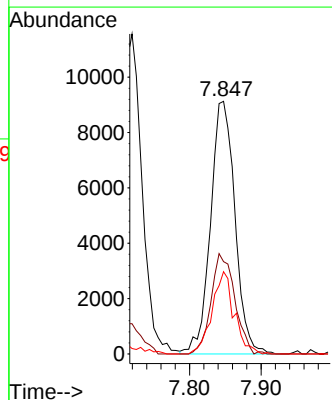
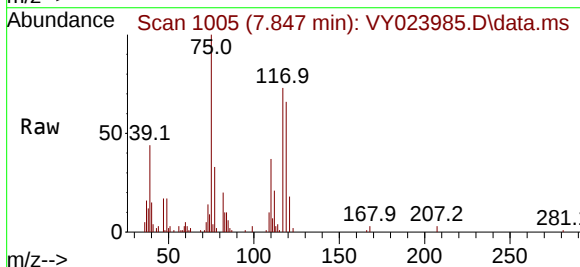
Tgt Ion: 75 Resp: 21701

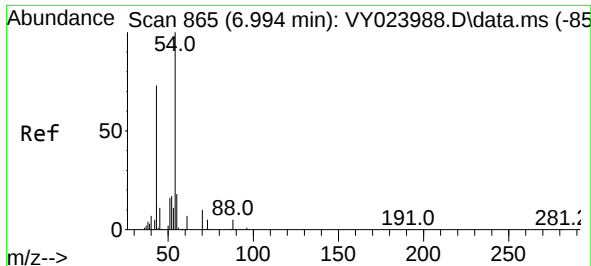
Ion Ratio Lower Upper

75 100

110 38.6 19.6 58.8

77 29.5 25.4 38.0





#37

Ethyl Acetate

Concen: 4.291 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.013 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

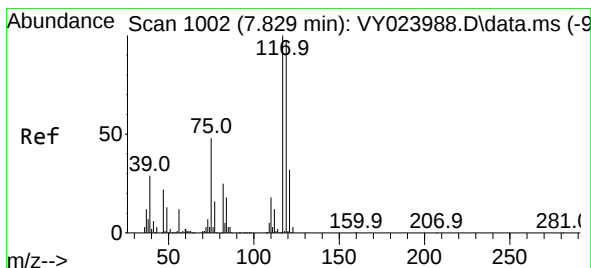
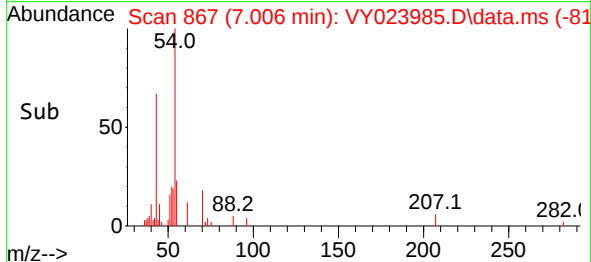
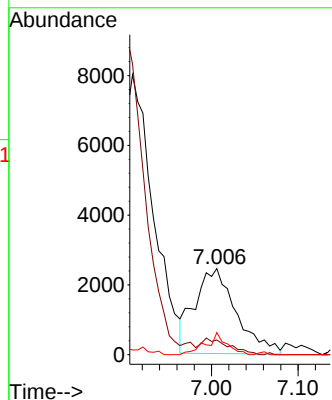
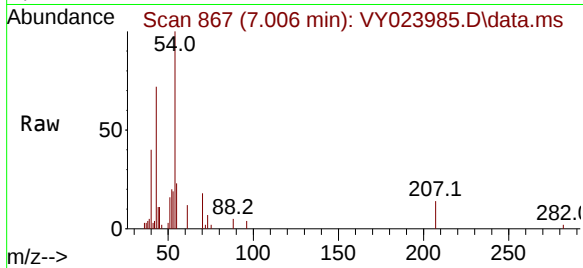
Tgt Ion: 43 Resp: 8130

Ion Ratio Lower Upper

43 100

61 12.7 12.6 18.8

70 12.9 9.0 13.6



#38

Carbon Tetrachloride

Concen: 4.655 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

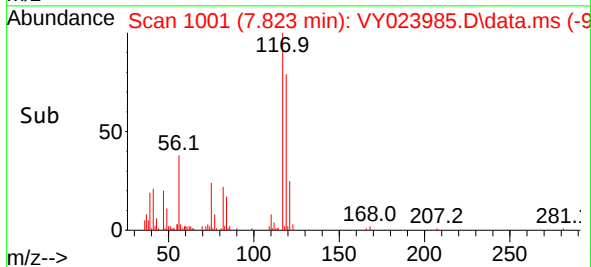
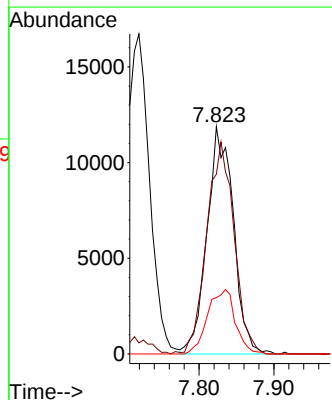
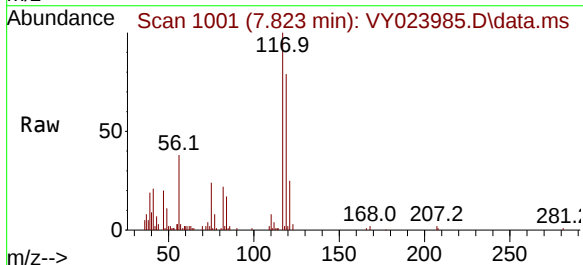
Tgt Ion: 117 Resp: 29180

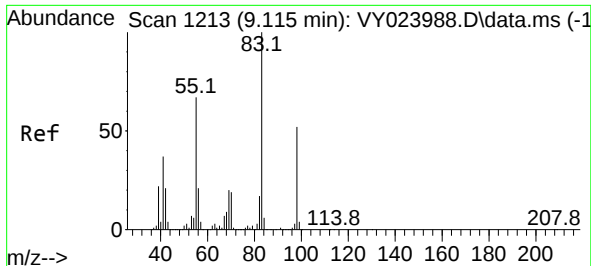
Ion Ratio Lower Upper

117 100

119 79.1 77.7 116.5

121 24.8 25.3 37.9#

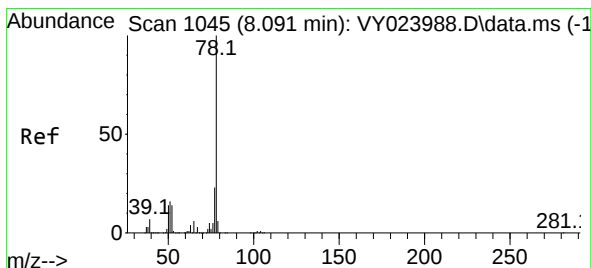
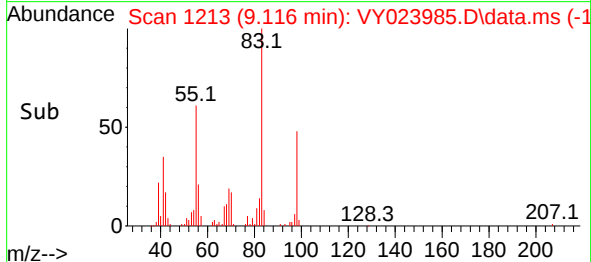
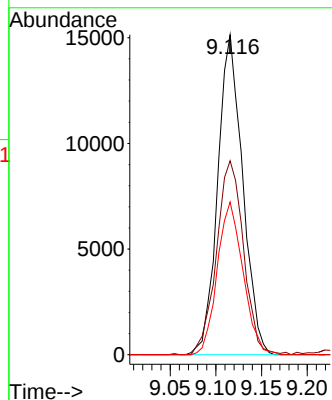
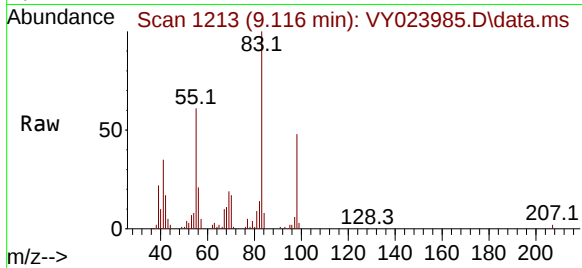




#39
Methylcyclohexane
Concen: 4.307 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

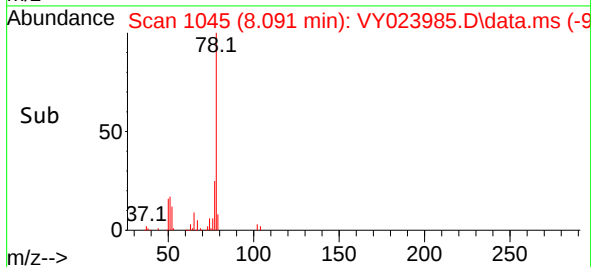
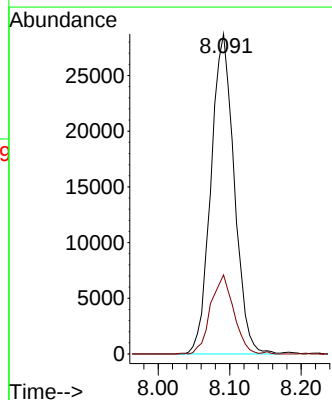
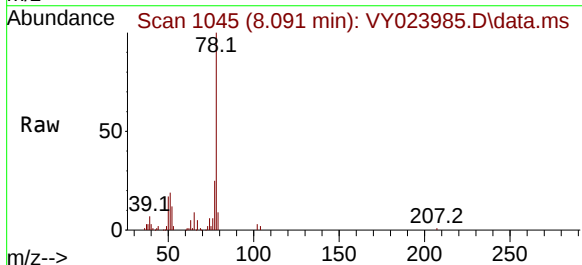
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

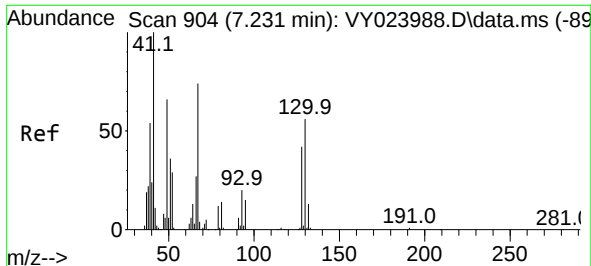
Tgt Ion: 83 Resp: 28740
Ion Ratio Lower Upper
83 100
55 60.6 53.8 80.6
98 47.7 41.3 61.9



#40
Benzene
Concen: 4.238 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 78 Resp: 65036
Ion Ratio Lower Upper
78 100
77 24.7 18.6 27.8

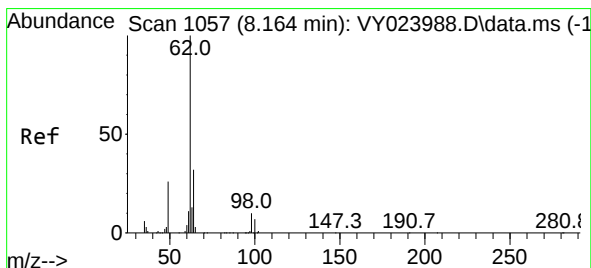
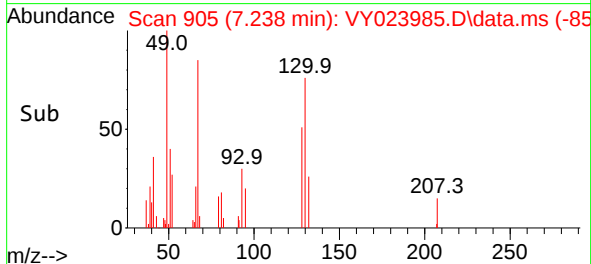
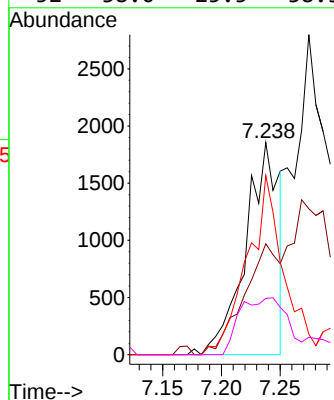
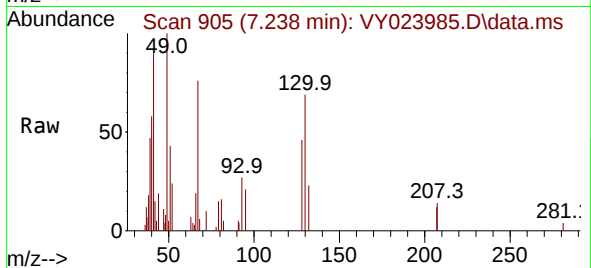




#41
Methacrylonitrile
Concen: 3.217 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

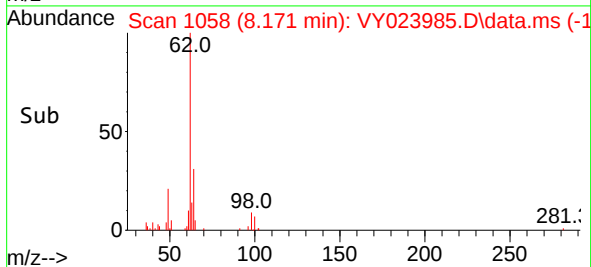
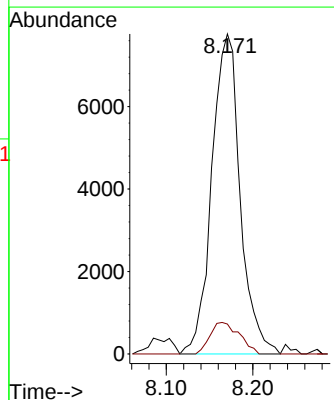
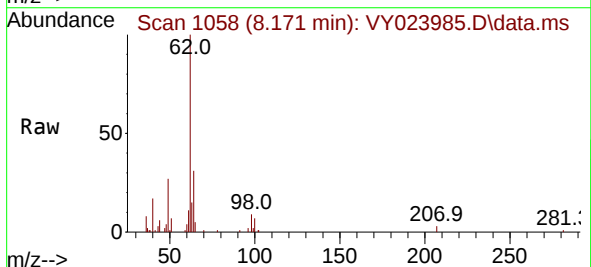
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

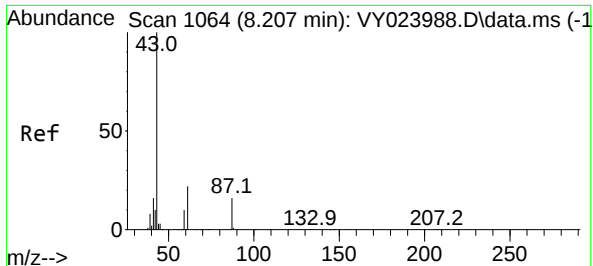
Tgt Ion: 41	Resp: 3680
Ion Ratio	Lower Upper
41 100	
39 55.8	37.9 56.9
67 90.7	65.6 98.4
52 38.0	25.5 38.3



#42
1,2-Dichloroethane
Concen: 4.463 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 62	Resp: 17647
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 20.8

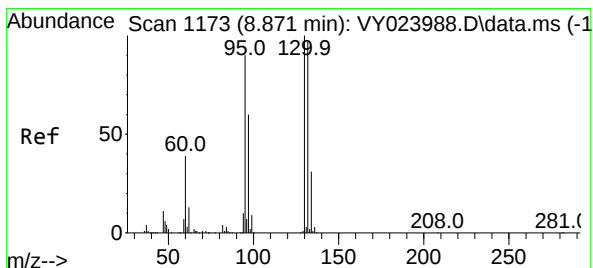
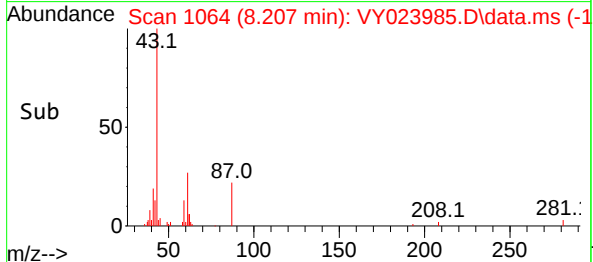
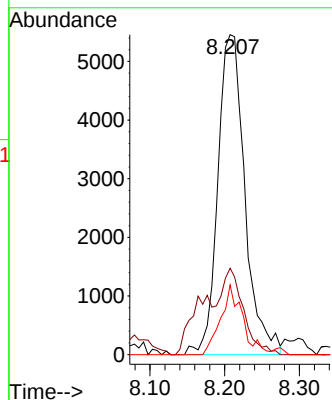
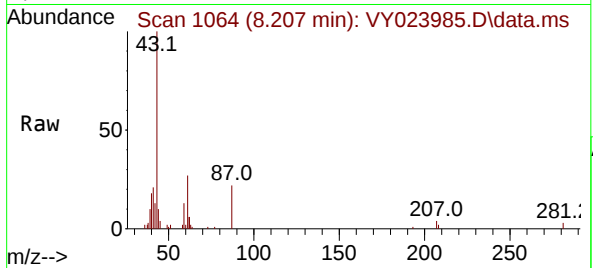




#43
Isopropyl Acetate
Concen: 3.755 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

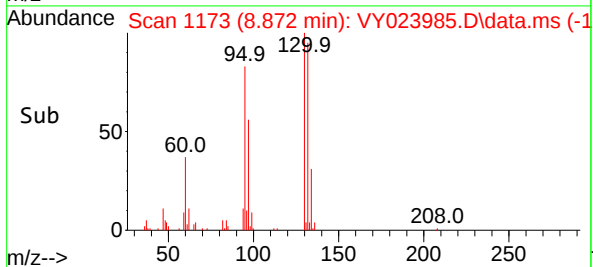
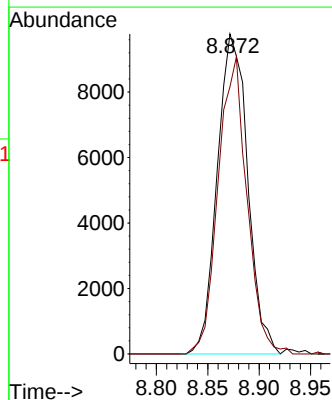
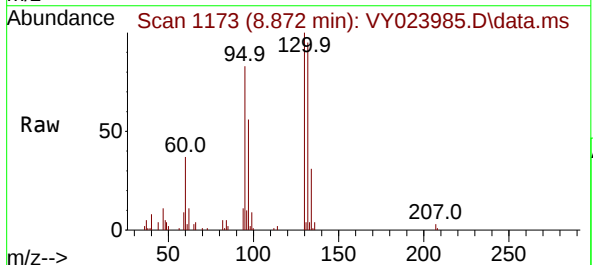
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

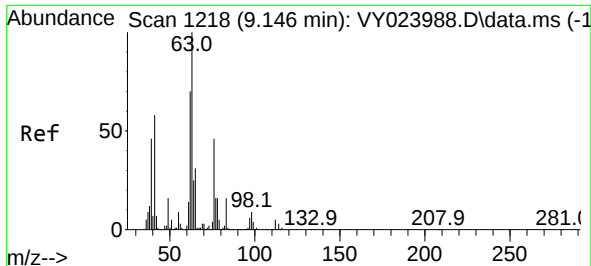
Tgt Ion: 43 Resp: 13761
Ion Ratio Lower Upper
43 100
61 21.8 26.6 39.8#
87 17.7 13.1 19.7



#44
Trichloroethene
Concen: 4.447 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion:130 Resp: 20109
Ion Ratio Lower Upper
130 100
95 83.5 0.0 180.2





#45

1,2-Dichloropropane

Concen: 4.303 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

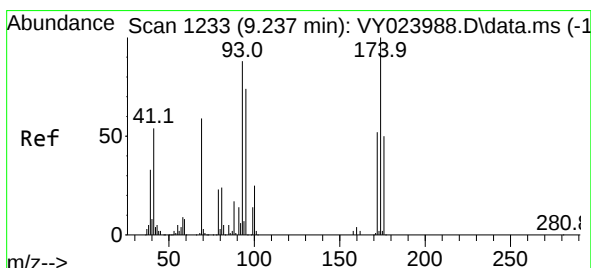
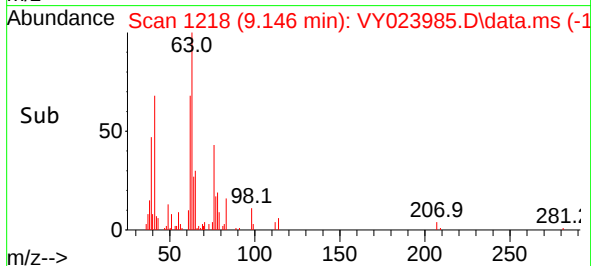
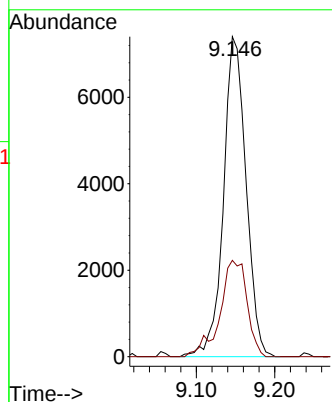
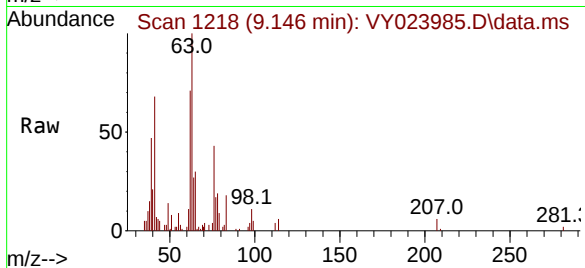
VSTDIC005

Tgt Ion: 63 Resp: 14827

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.6



#46

Dibromomethane

Concen: 4.285 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

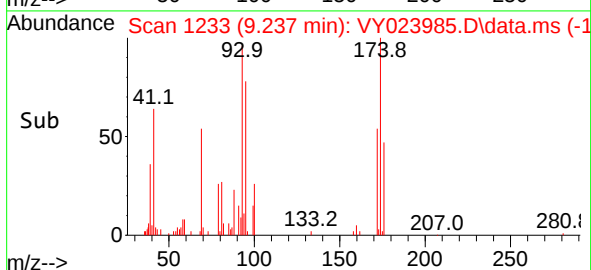
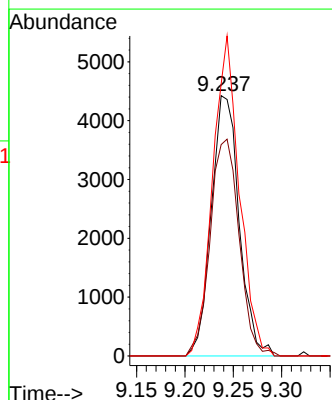
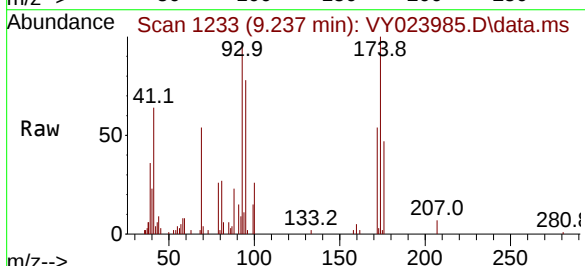
Tgt Ion: 93 Resp: 8854

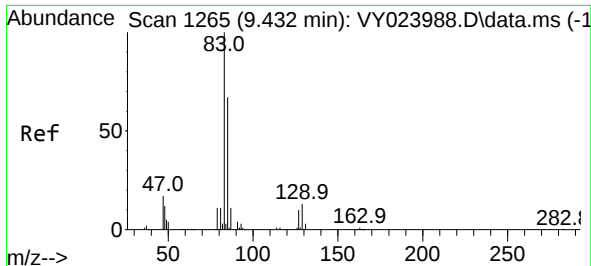
Ion Ratio Lower Upper

93 100

95 86.5 67.4 101.2

174 117.8 94.6 141.8

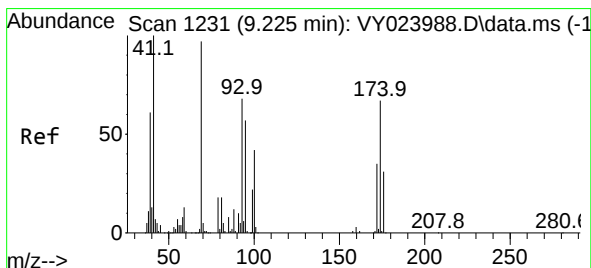
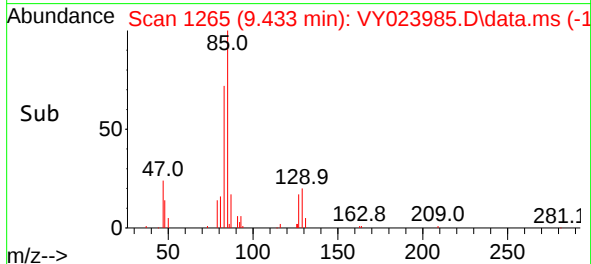
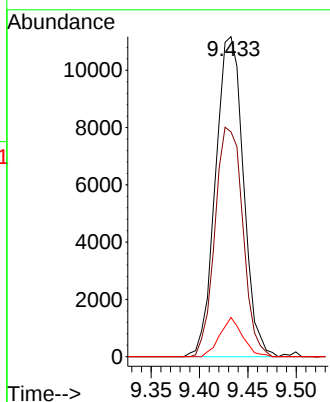
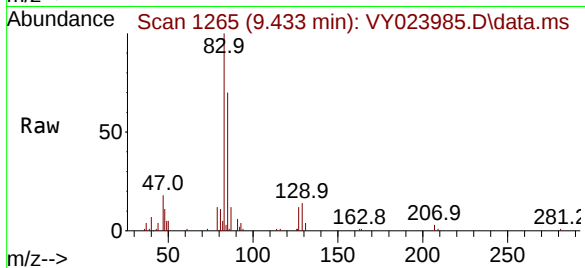




#47
Bromodichloromethane
Concen: 4.182 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

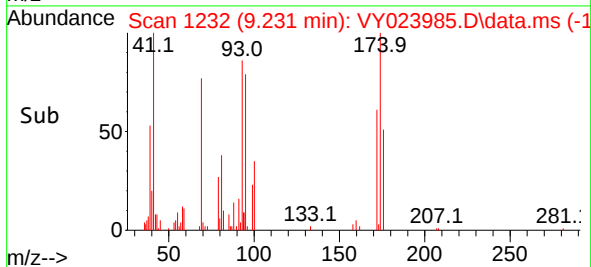
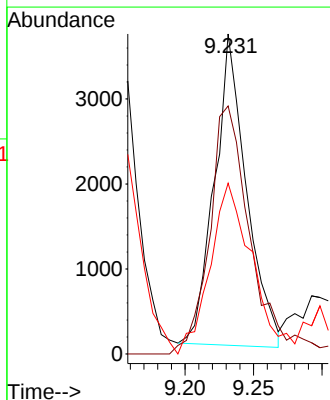
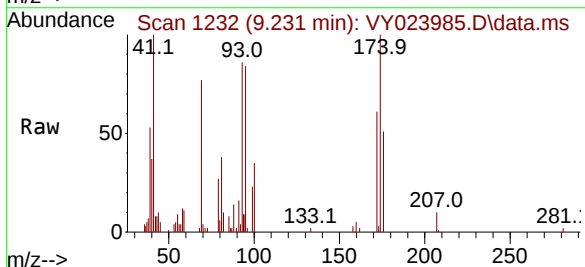
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

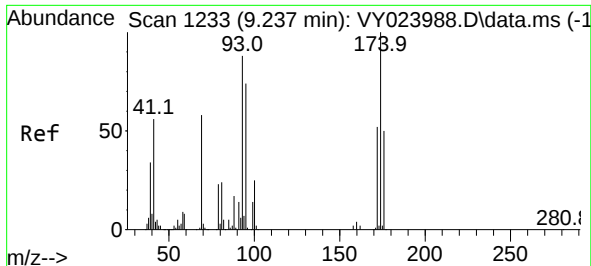
Tgt Ion: 83 Resp: 22418
Ion Ratio Lower Upper
83 100
85 70.3 53.5 80.3
127 12.2 7.8 11.6#



#48
Methyl methacrylate
Concen: 3.328 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 41 Resp: 5944
Ion Ratio Lower Upper
41 100
69 102.3 78.2 117.4
39 71.8 47.2 70.8#





#49

1,4-Dioxane

Concen: 89.708 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

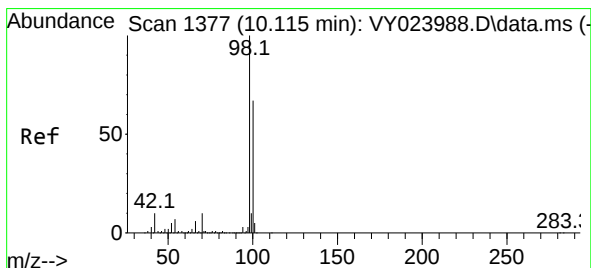
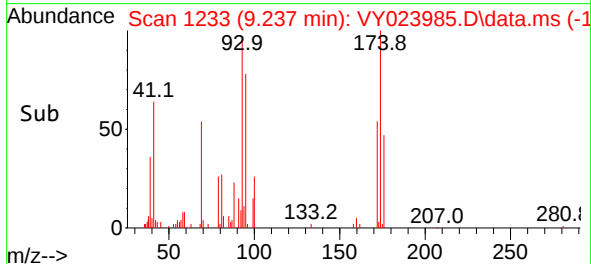
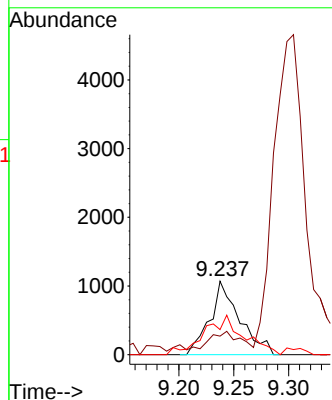
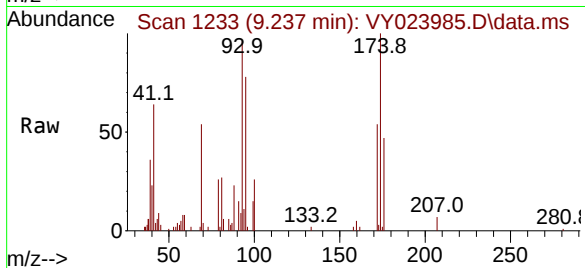
Tgt Ion: 88 Resp: 2019

Ion Ratio Lower Upper

88 100

43 22.5 21.0 31.4

58 70.4 48.9 73.3



#50

Toluene-d8

Concen: 4.849 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY023985.D

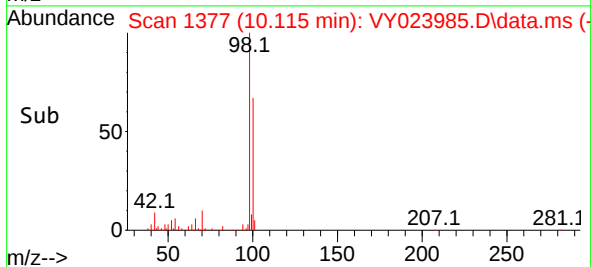
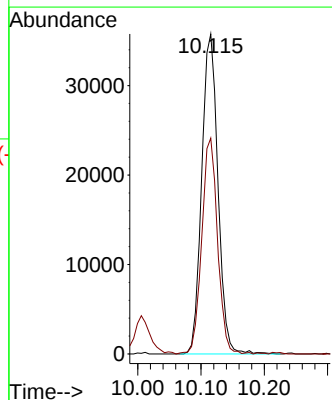
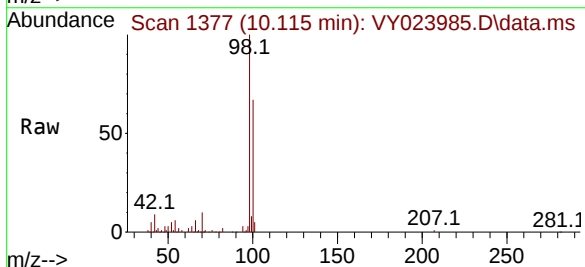
Acq: 16 Dec 2025 13:21

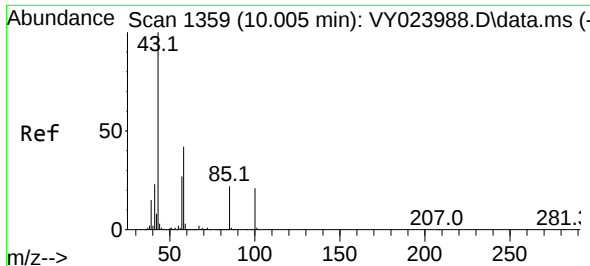
Tgt Ion: 98 Resp: 63892

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

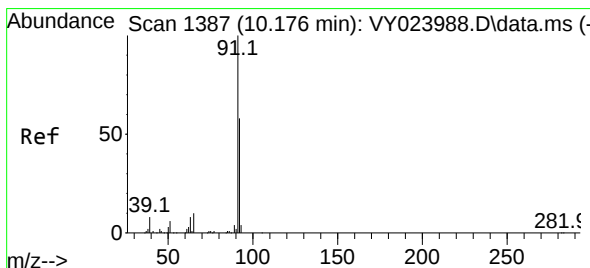
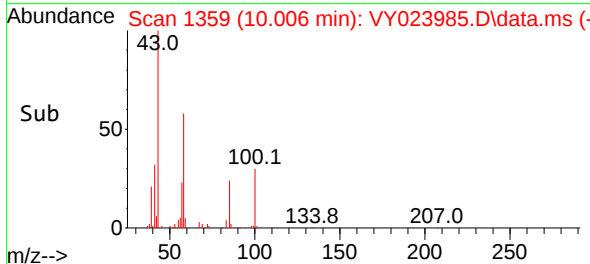
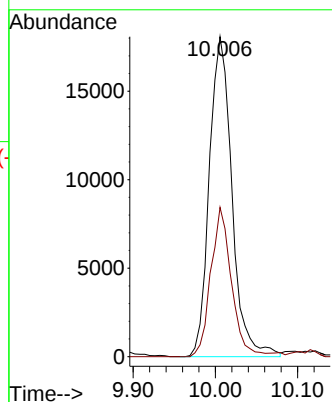
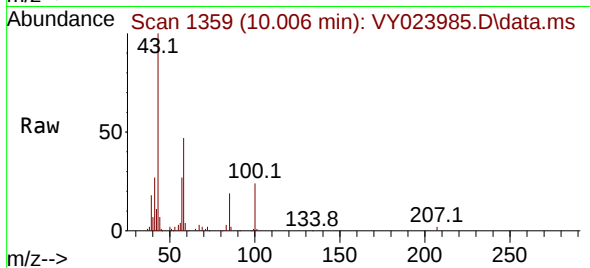




#51
4-Methyl-2-Pentanone
Concen: 18.005 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

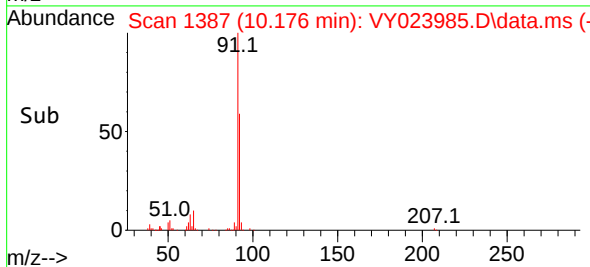
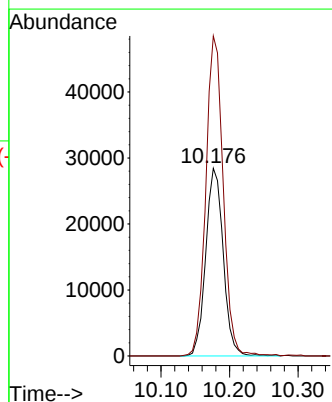
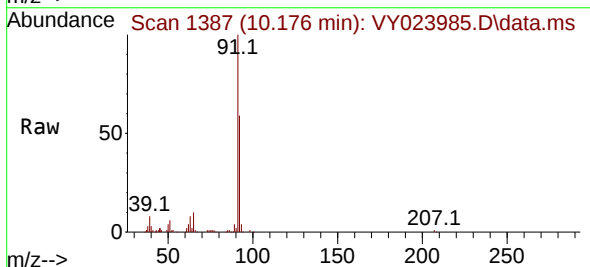
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

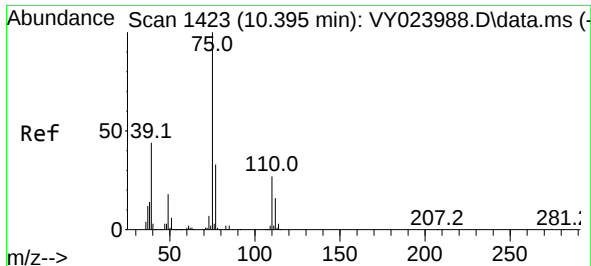
Tgt Ion: 43 Resp: 34538
Ion Ratio Lower Upper
43 100
58 43.2 34.2 51.4



#52
Toluene
Concen: 4.735 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 92 Resp: 50577
Ion Ratio Lower Upper
92 100
91 168.9 136.7 205.1

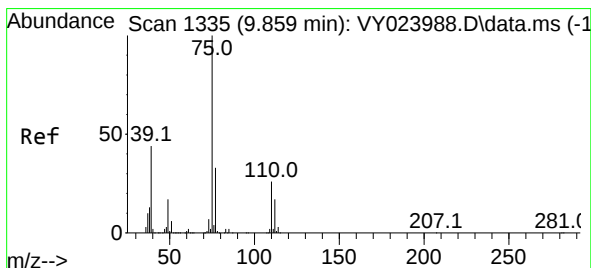
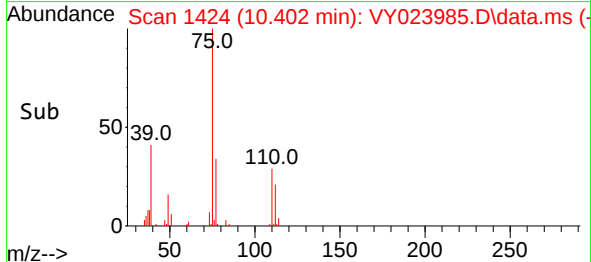
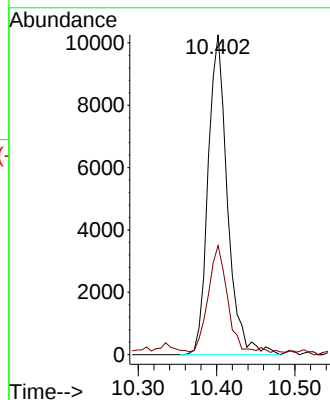
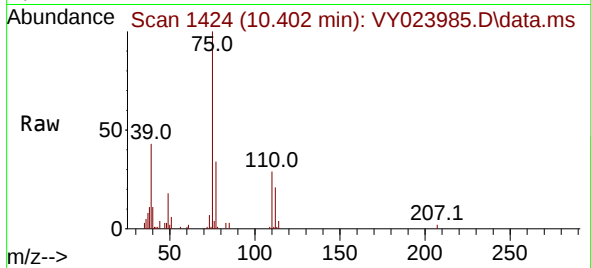




#53
t-1,3-Dichloropropene
Concen: 3.859 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

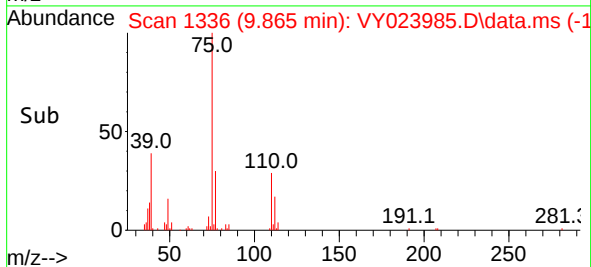
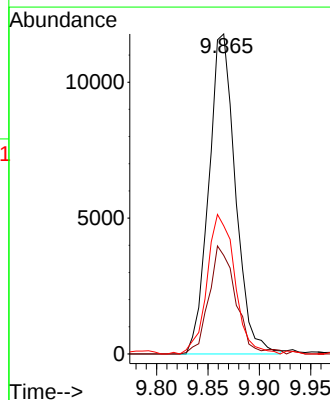
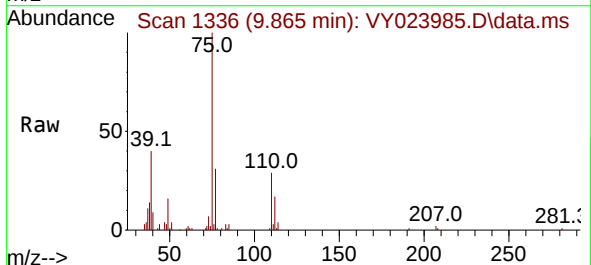
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

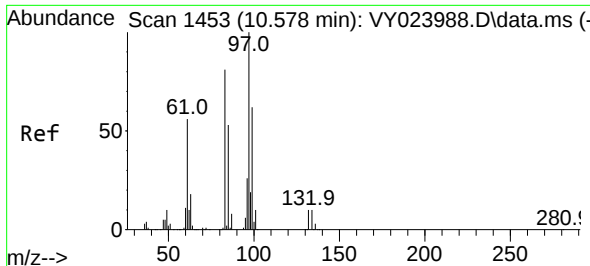
Tgt Ion: 75 Resp: 17583
Ion Ratio Lower Upper
75 100
77 33.2 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 3.894 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 75 Resp: 21257
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 40.1 35.2 52.8

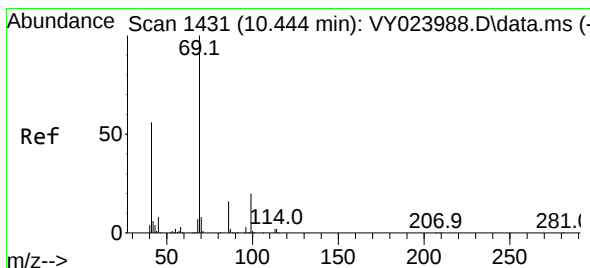
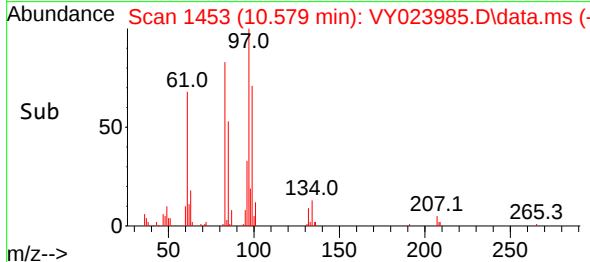
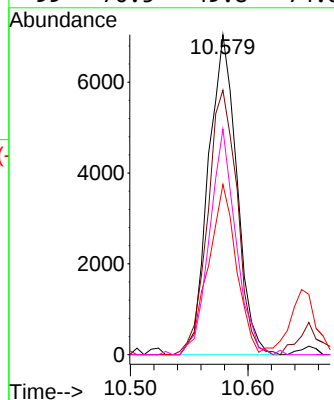
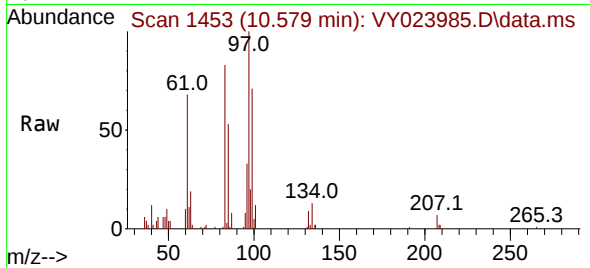




#55
1,1,2-Trichloroethane
Concen: 4.166 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

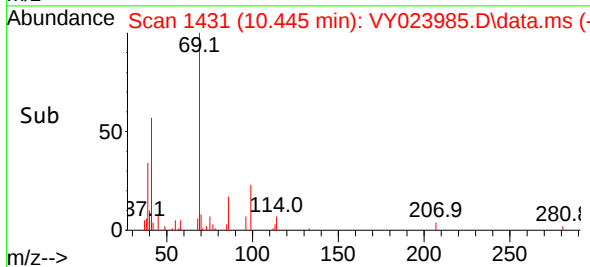
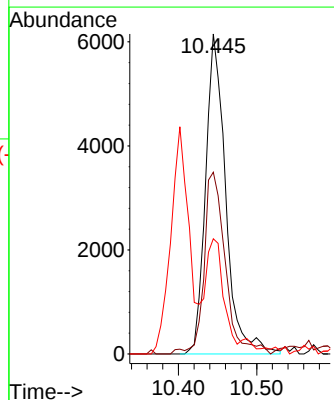
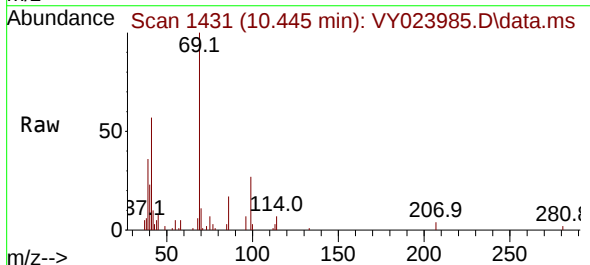
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

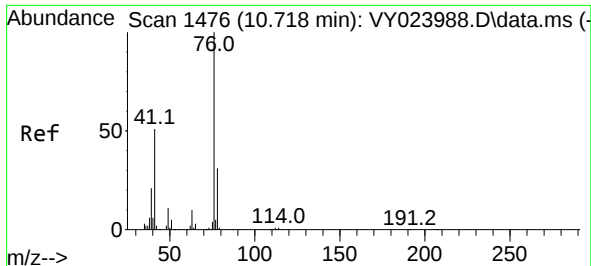
Tgt Ion: 97	Resp: 11824
Ion Ratio	Lower Upper
97 100	
83 82.7	64.5 96.7
85 53.2	42.0 63.0
99 70.5	49.8 74.8



#56
Ethyl methacrylate
Concen: 7.247 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 69	Resp: 10959
Ion Ratio	Lower Upper
69 100	
41 59.8	46.2 69.4
39 32.1	28.1 42.1





#57

1,3-Dichloropropane

Concen: 4.195 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

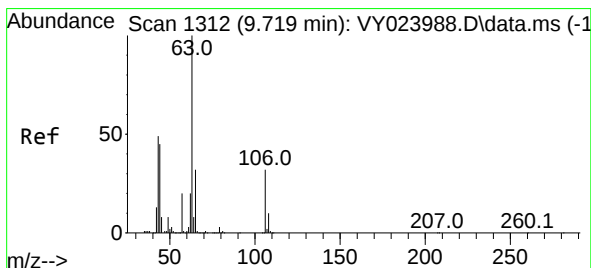
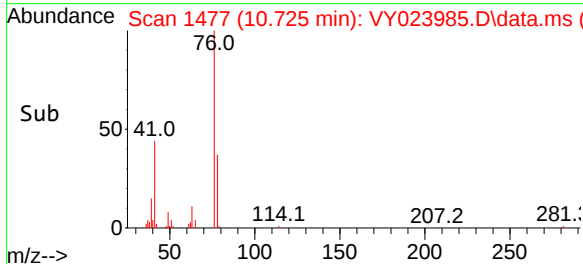
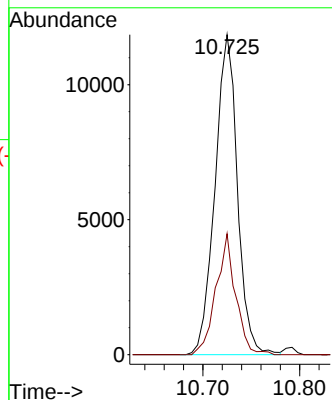
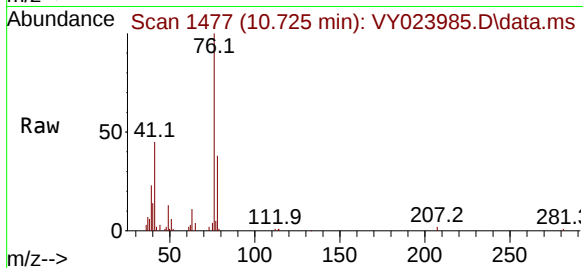
VSTDIC005

Tgt Ion: 76 Resp: 19089

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 22.412 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY023985.D

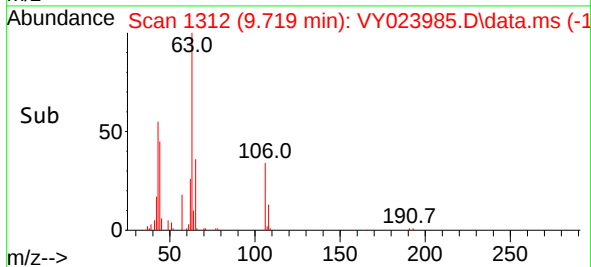
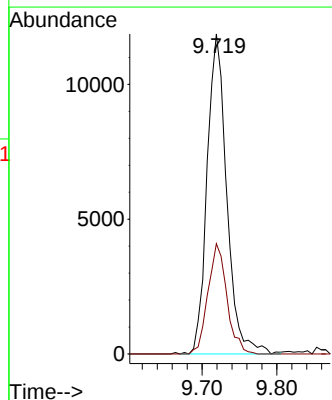
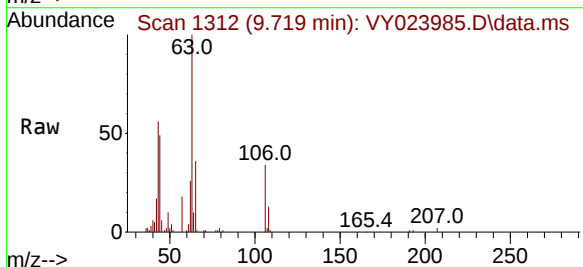
Acq: 16 Dec 2025 13:21

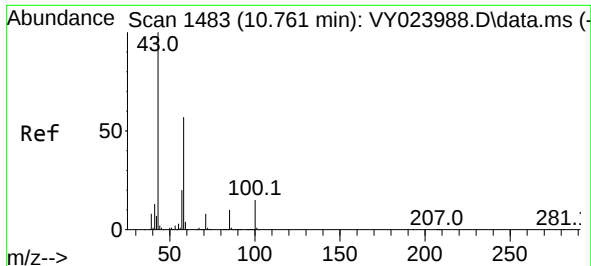
Tgt Ion: 63 Resp: 21711

Ion Ratio Lower Upper

63 100

106 33.3 25.8 38.8

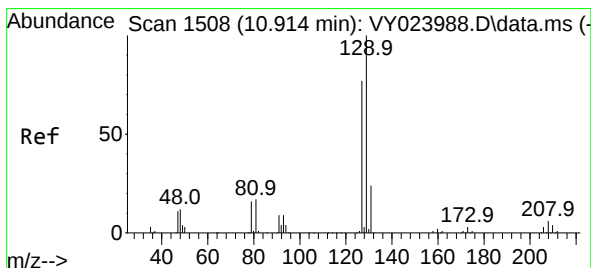
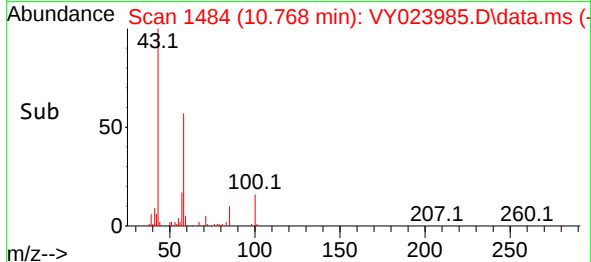
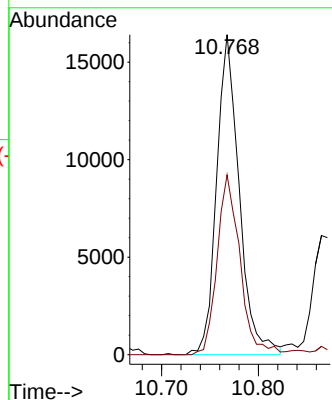
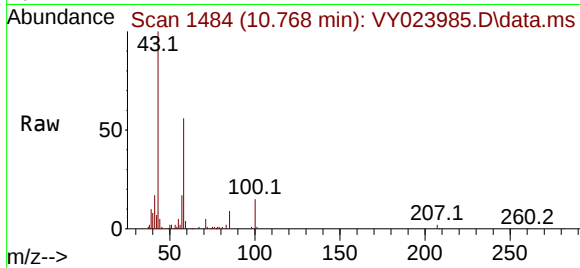




#59
2-Hexanone
Concen: 18.455 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

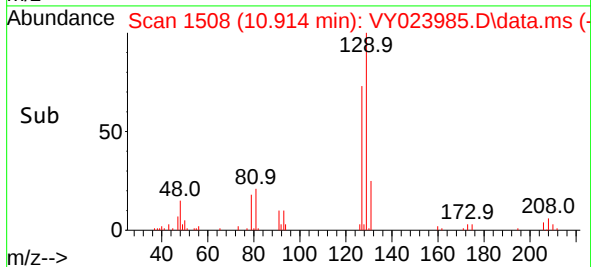
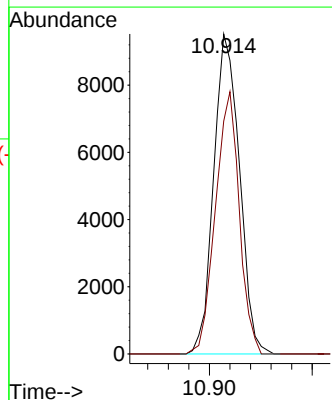
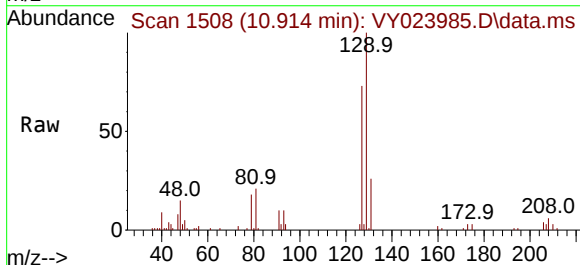
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

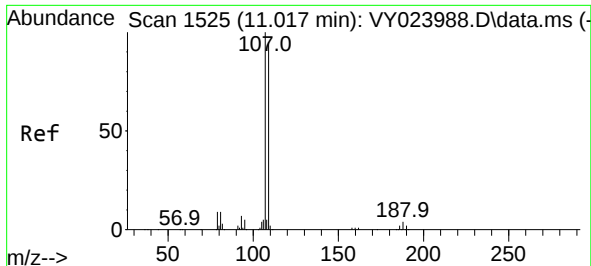
Tgt Ion: 43 Resp: 26605
Ion Ratio Lower Upper
43 100
58 56.8 29.6 88.9



#60
Dibromochloromethane
Concen: 4.153 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 129 Resp: 16576
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5

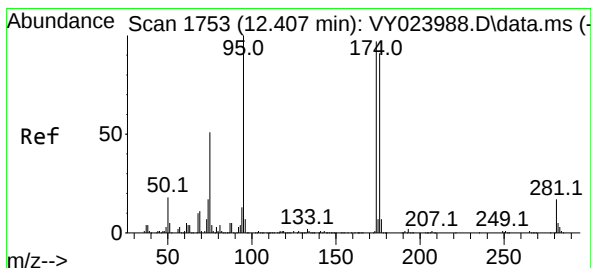
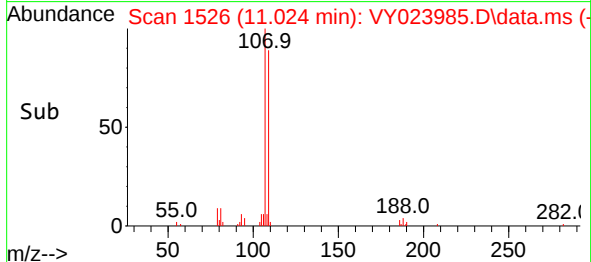
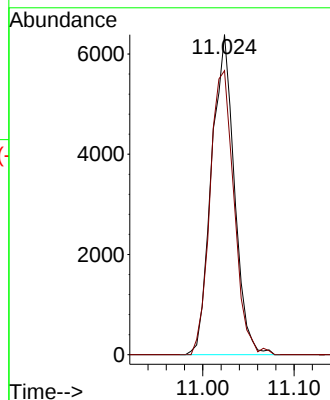
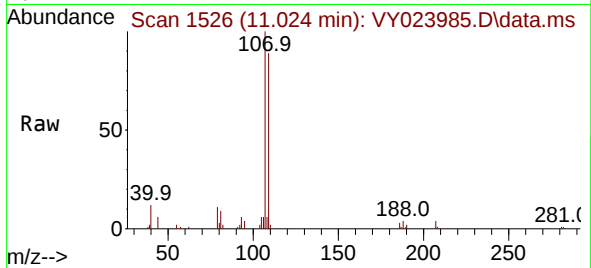




#61
1,2-Dibromoethane
Concen: 4.217 ug/l
RT: 11.024 min Scan# 11081
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

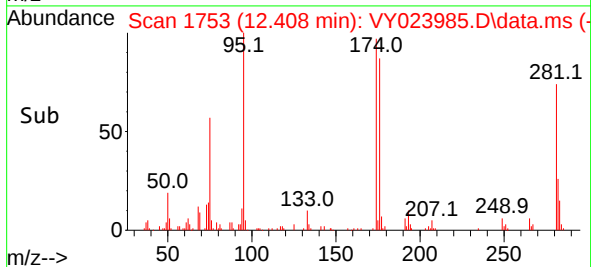
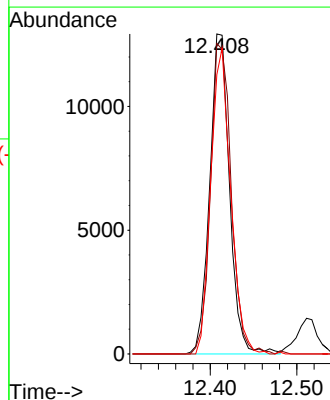
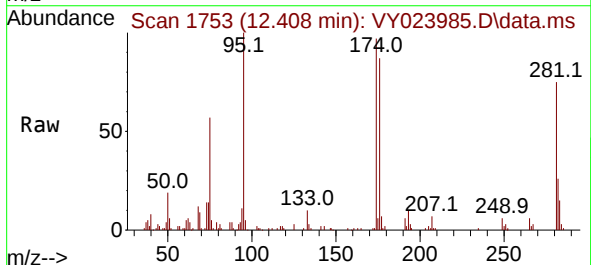
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

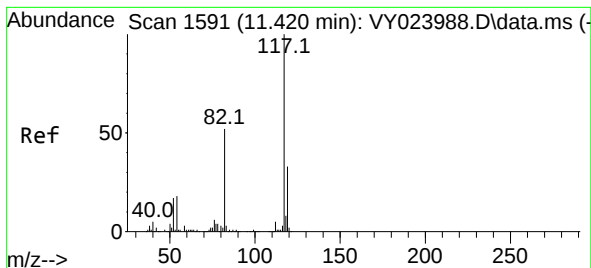
Tgt Ion:107 Resp: 11081
Ion Ratio Lower Upper
107 100
109 93.7 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 4.766 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 95 Resp: 20582
Ion Ratio Lower Upper
95 100
174 100.8 0.0 196.6
176 95.7 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

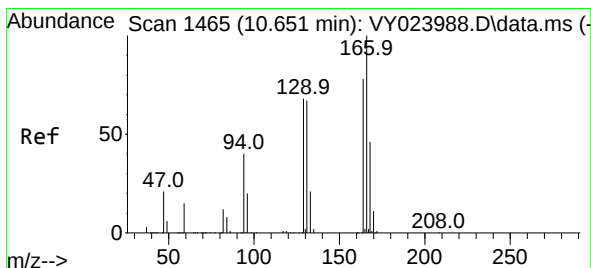
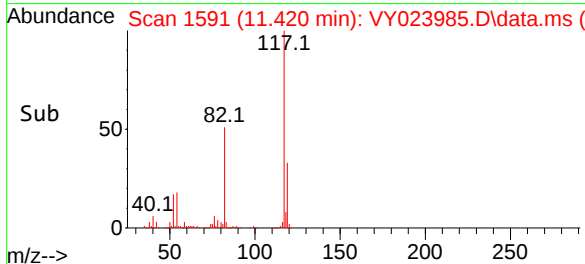
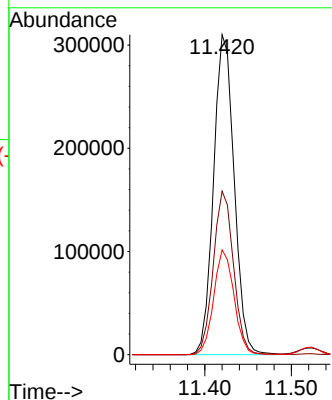
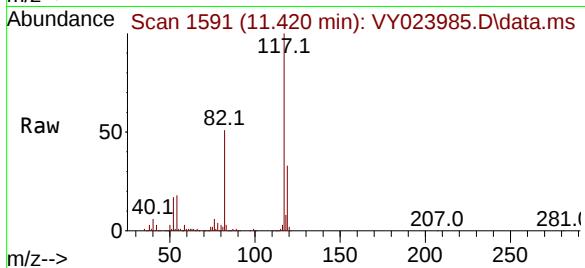
Tgt Ion:117 Resp: 512883

Ion Ratio Lower Upper

117 100

82 51.1 41.6 62.4

119 32.8 26.2 39.2



#64

Tetrachloroethene

Concen: 4.450 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Tgt Ion:164 Resp: 23418

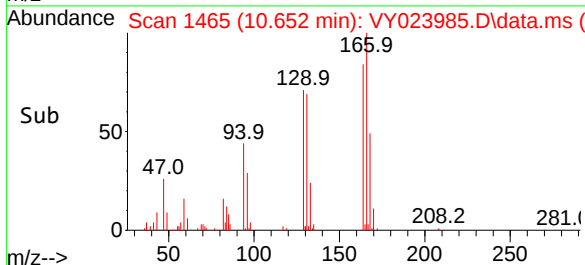
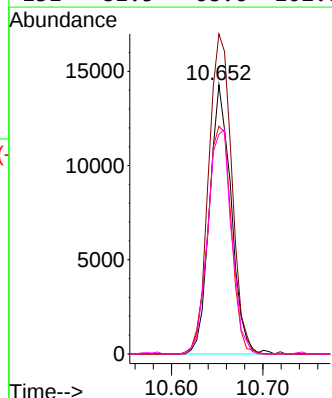
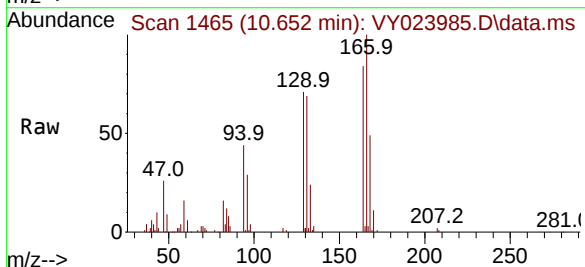
Ion Ratio Lower Upper

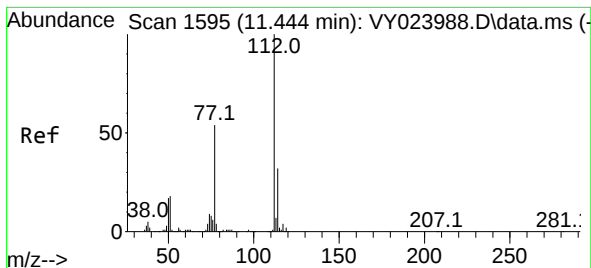
164 100

166 118.9 102.7 154.1

129 84.6 69.8 104.8

131 81.5 68.6 102.8

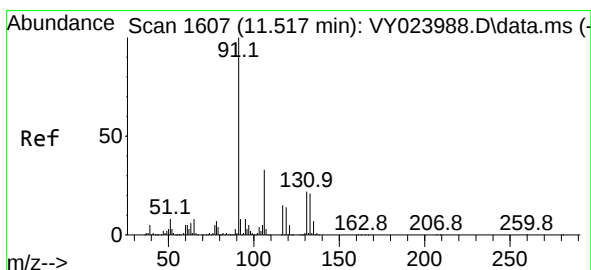
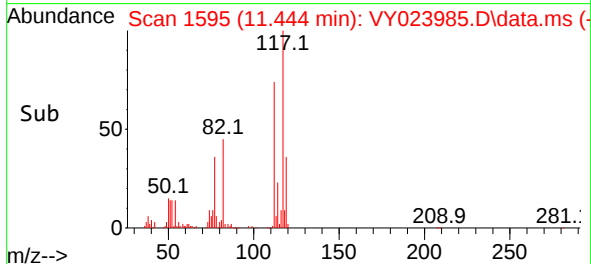
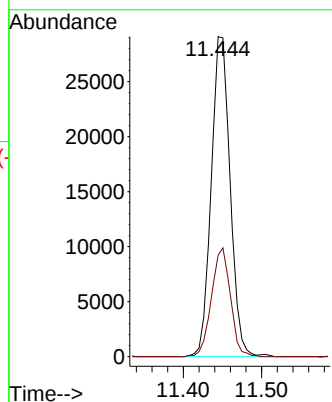
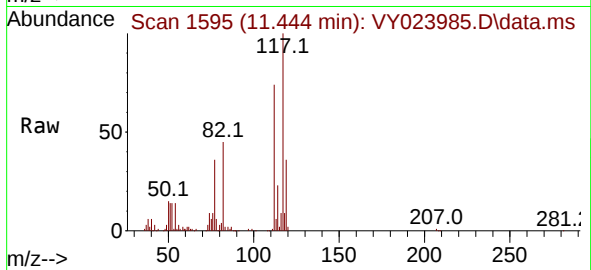




#65
Chlorobenzene
Concen: 4.326 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

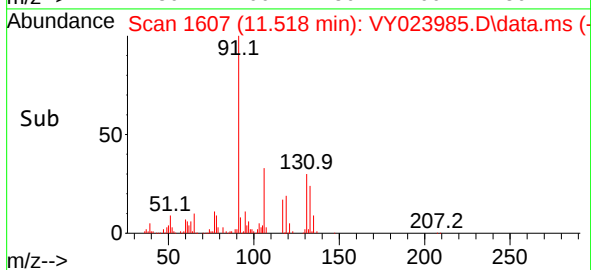
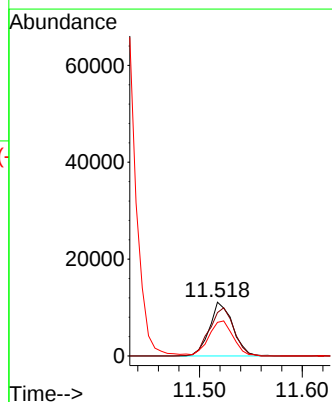
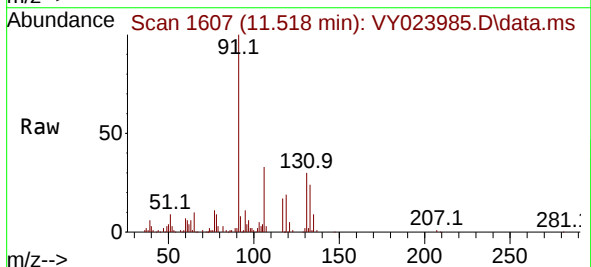
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

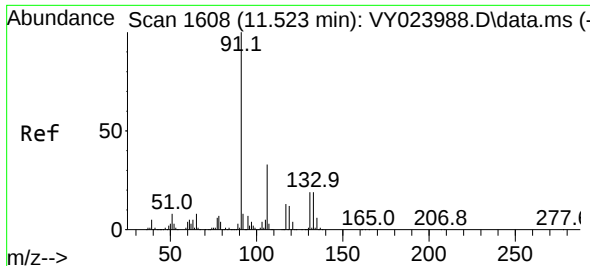
Tgt Ion:112 Resp: 48830
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.374 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion:131 Resp: 17423
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 69.2 32.4 97.2





#67

Ethyl Benzene

Concen: 3.963 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

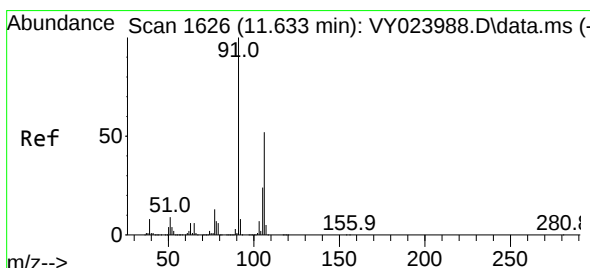
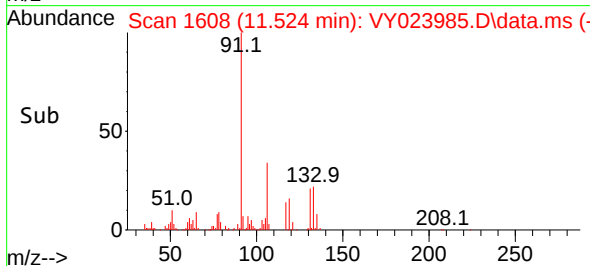
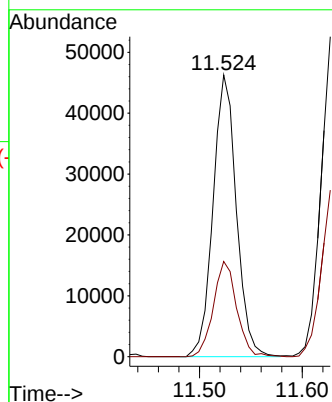
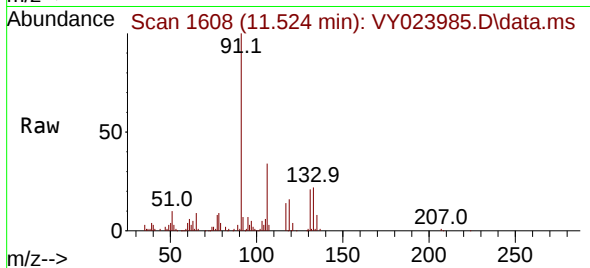
VSTDIC005

Tgt Ion: 91 Resp: 72773

Ion Ratio Lower Upper

91 100

106 33.8 26.2 39.2



#68

m/p-Xylenes

Concen: 8.004 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023985.D

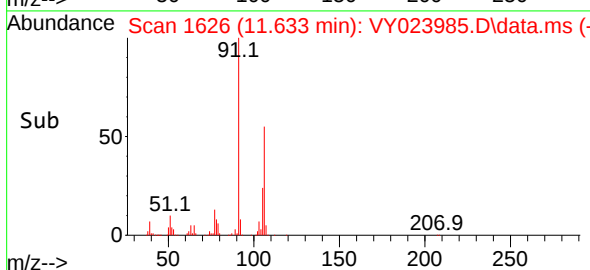
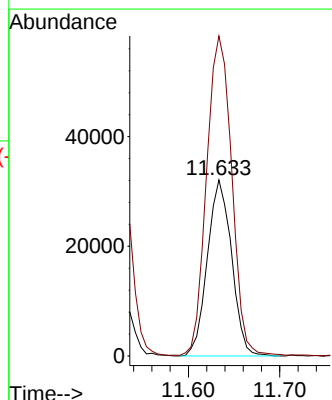
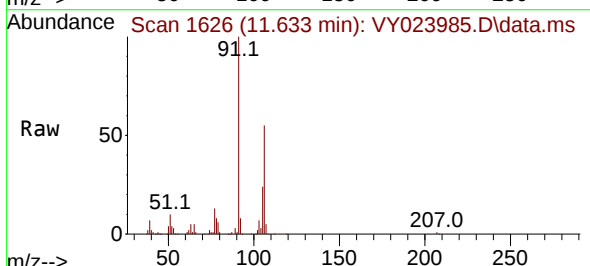
Acq: 16 Dec 2025 13:21

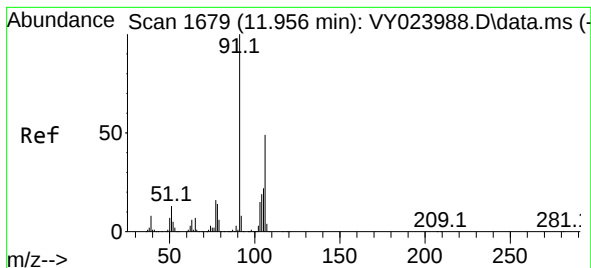
Tgt Ion:106 Resp: 59032

Ion Ratio Lower Upper

106 100

91 189.3 153.8 230.6

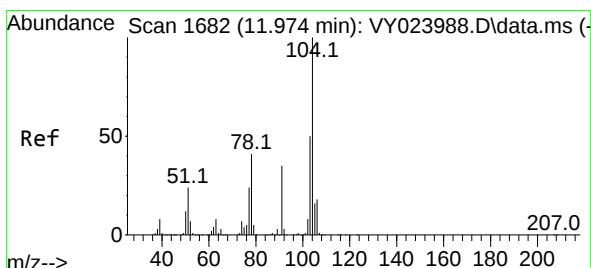
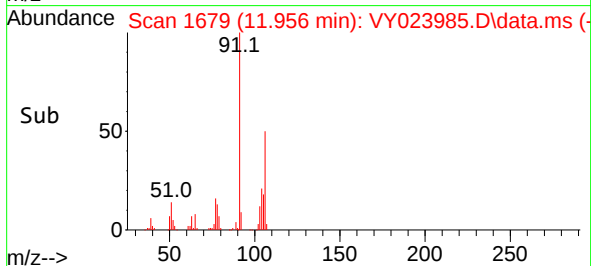
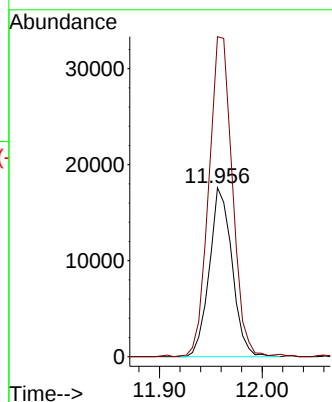
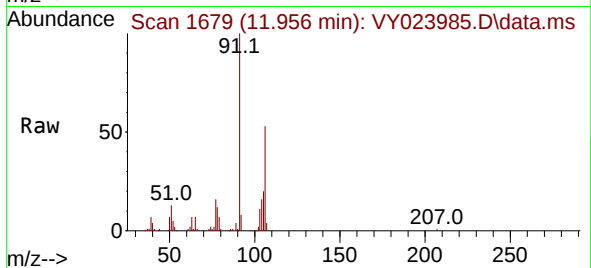




#69
o-Xylene
Concen: 3.927 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

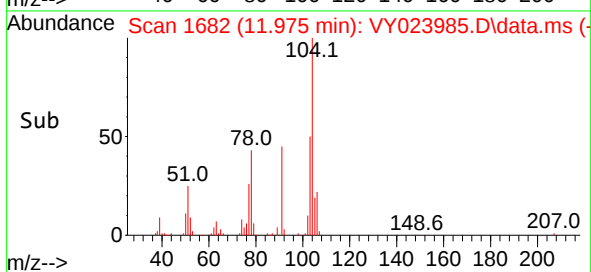
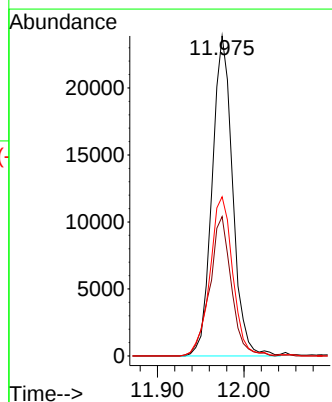
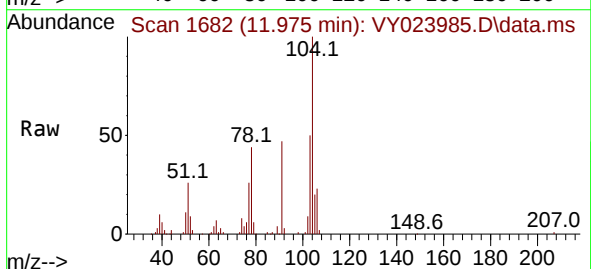
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

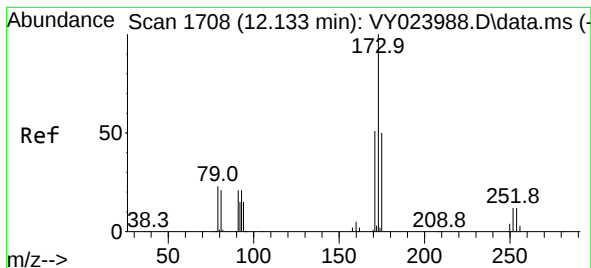
Tgt Ion:106 Resp: 26938
Ion Ratio Lower Upper
106 100
91 197.0 101.4 304.3



#70
Styrene
Concen: 3.574 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion:104 Resp: 39356
Ion Ratio Lower Upper
104 100
78 45.8 37.2 55.8
103 55.3 43.7 65.5





#71

Bromoform

Concen: 4.412 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

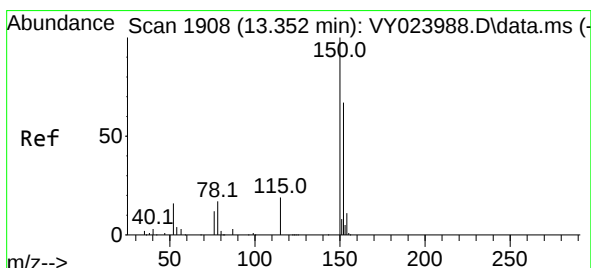
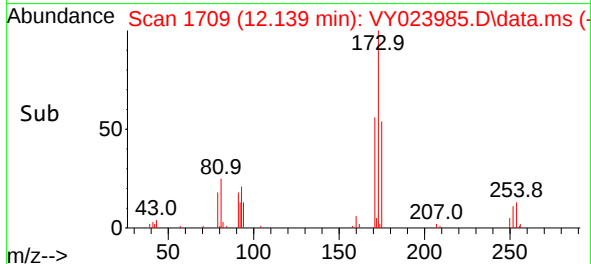
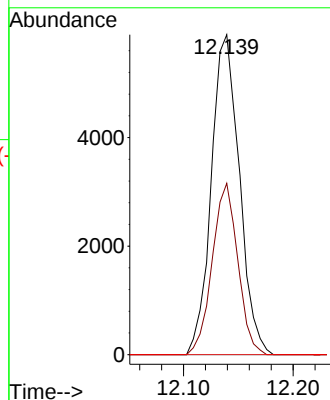
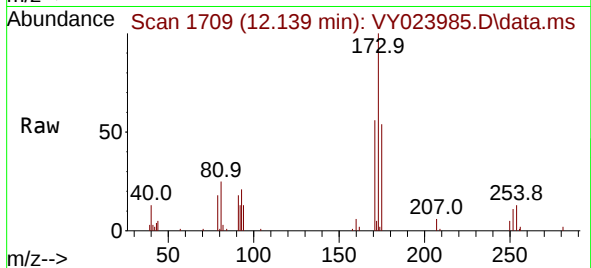
Tgt Ion:173 Resp: 10486

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

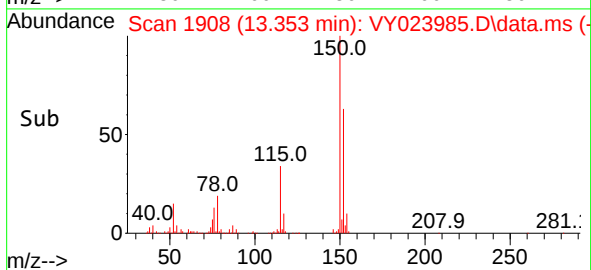
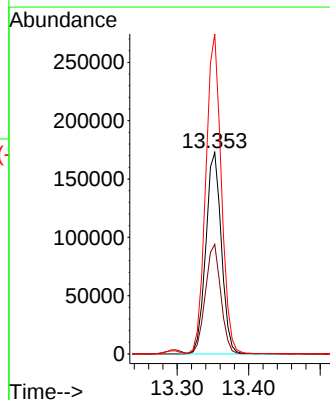
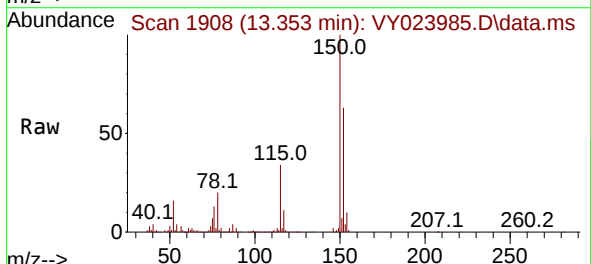
Tgt Ion:152 Resp: 260788

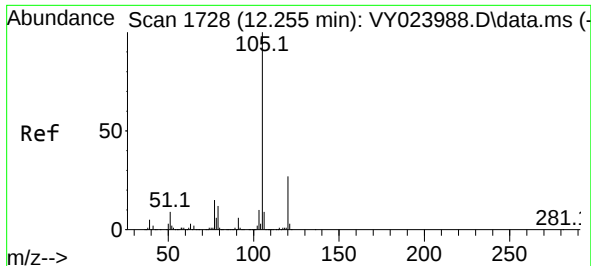
Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.5

150 158.5 0.0 349.6

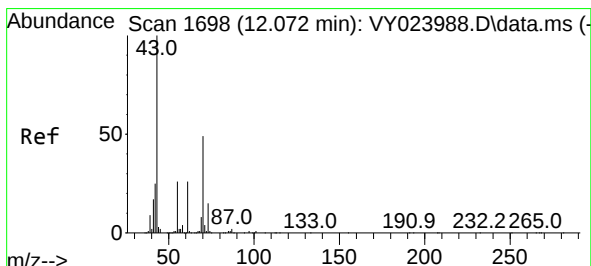
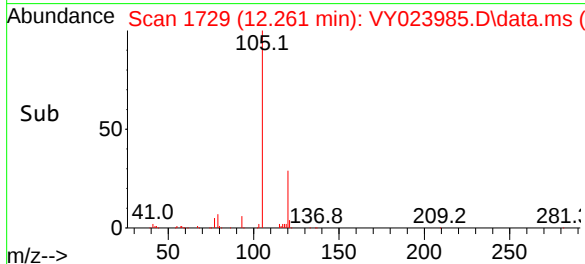
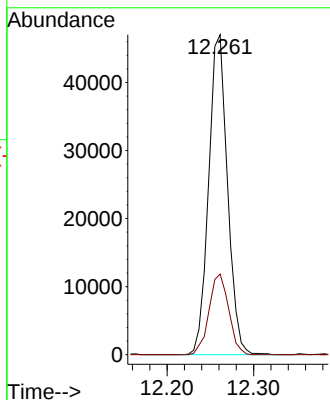
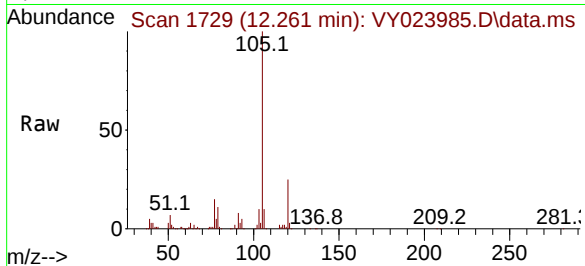




#73
Isopropylbenzene
Concen: 3.958 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

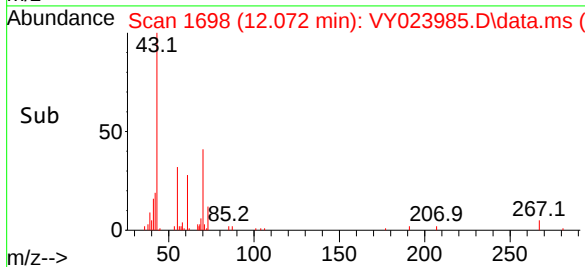
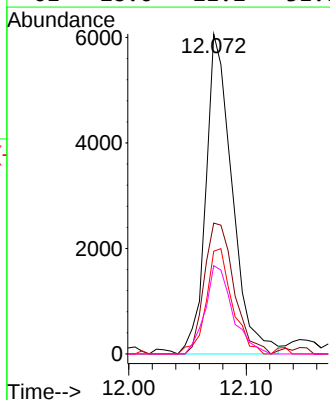
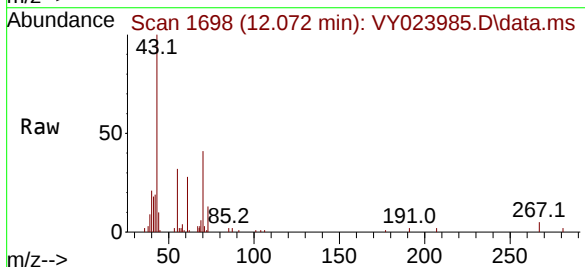
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

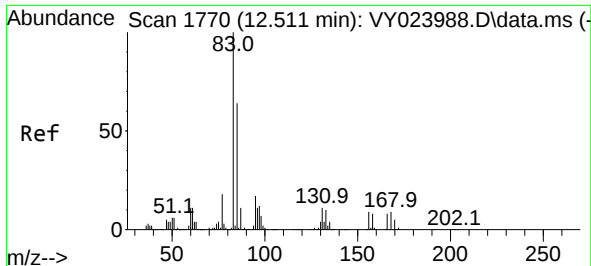
Tgt Ion:105 Resp: 71101
Ion Ratio Lower Upper
105 100
120 26.3 13.8 41.4



#74
N-ethyl acetate
Concen: 4.694 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 43 Resp: 9446
Ion Ratio Lower Upper
43 100
70 46.0 39.3 58.9
55 32.6 22.5 33.7
61 28.6 21.2 31.8

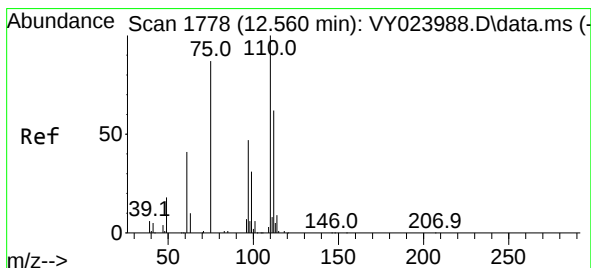
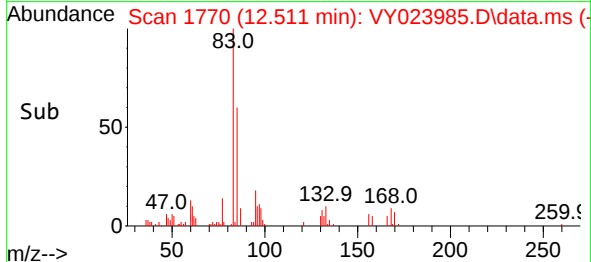
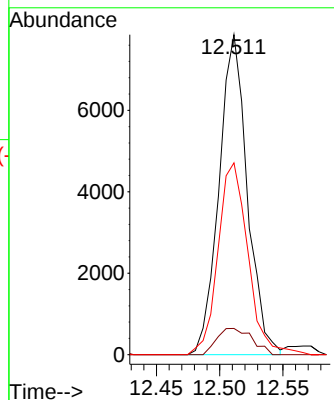
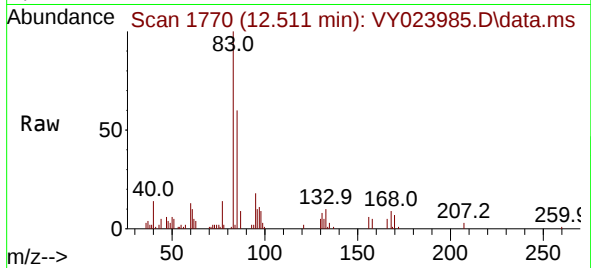




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.490 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

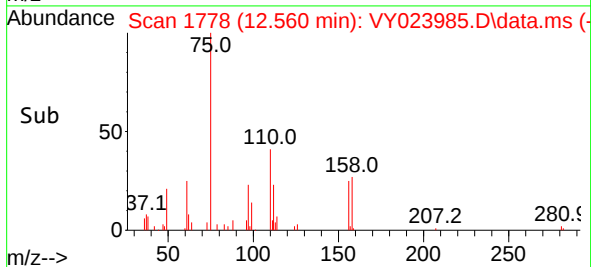
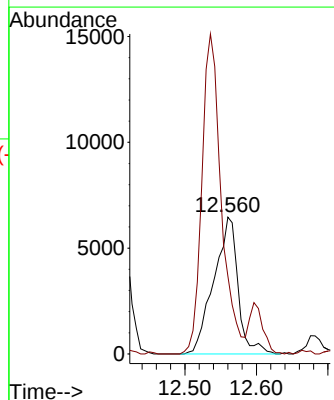
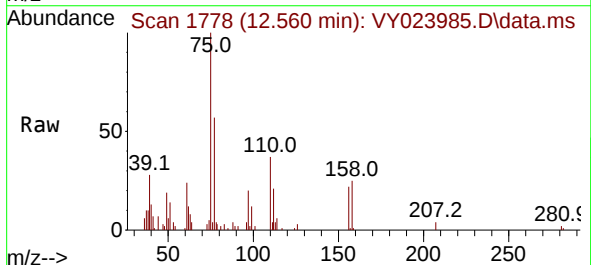
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

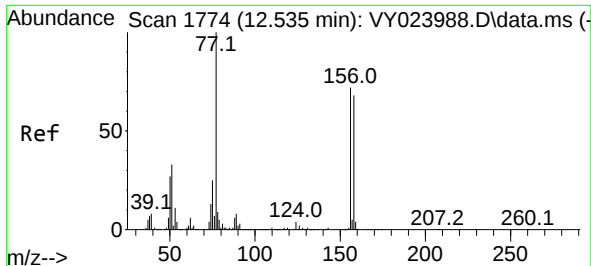
Tgt Ion: 83 Resp: 12220
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.9 17.7
 85 63.4 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 6.584 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

Tgt Ion: 75 Resp: 15203
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

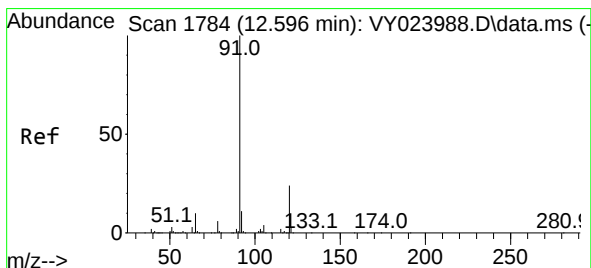
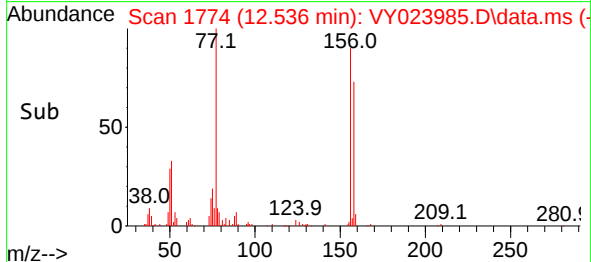
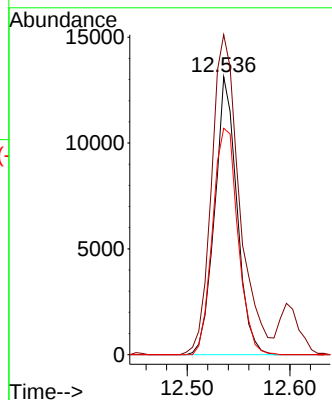
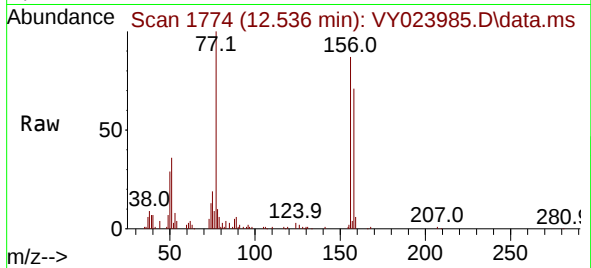




#77
Bromobenzene
Concen: 4.354 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

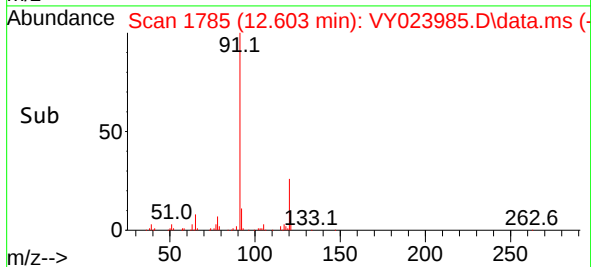
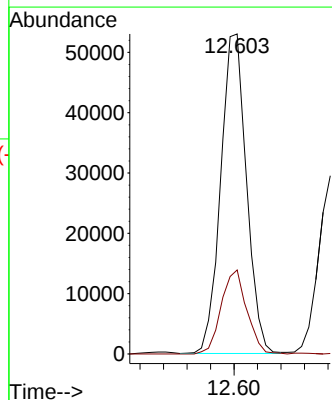
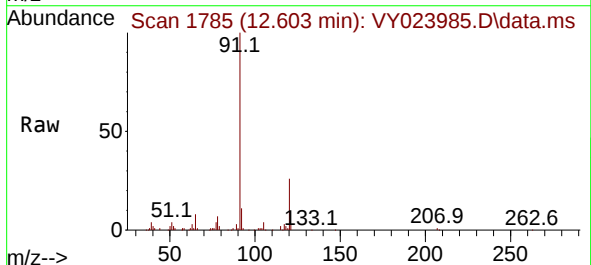
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

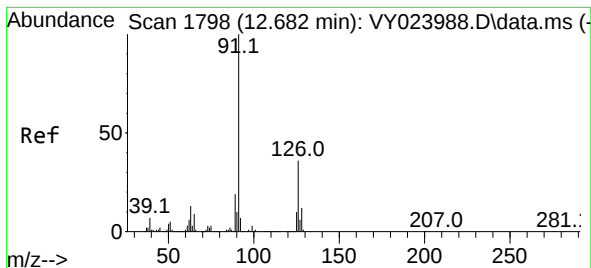
Tgt Ion:156 Resp: 19660
Ion Ratio Lower Upper
156 100
77 145.7 76.6 230.0
158 93.0 48.0 144.2



#78
n-propylbenzene
Concen: 3.926 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 91 Resp: 80837
Ion Ratio Lower Upper
91 100
120 26.0 12.3 36.8

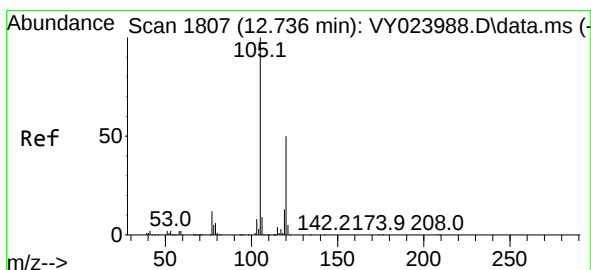
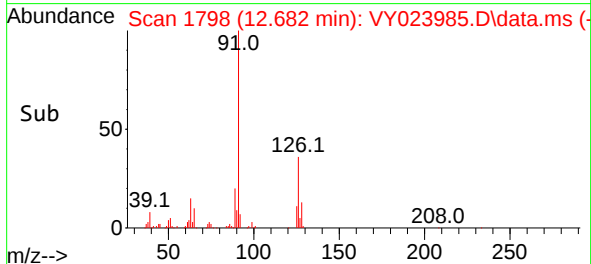
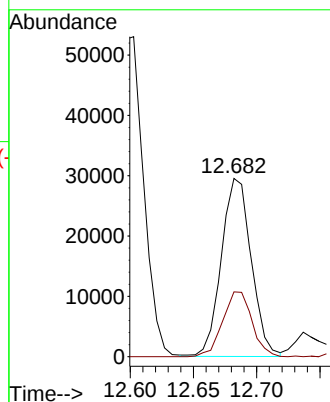
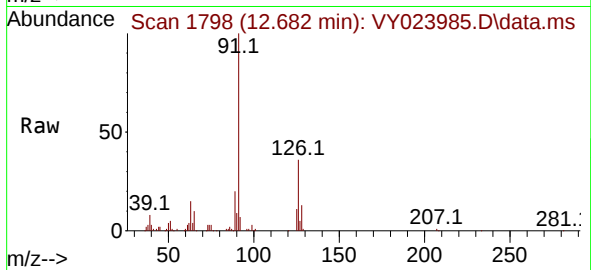




#79
2-Chlorotoluene
Concen: 4.118 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

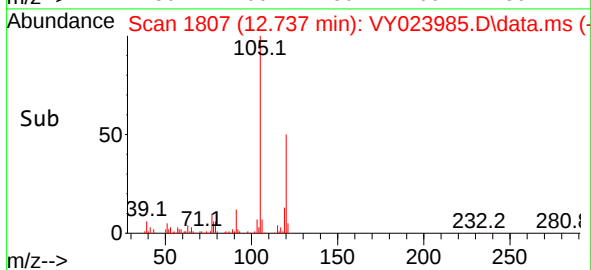
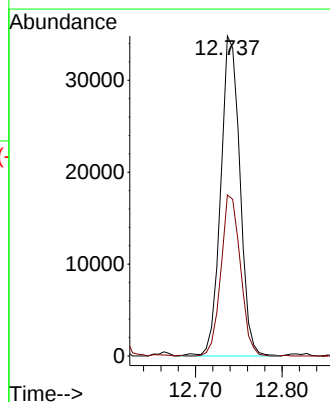
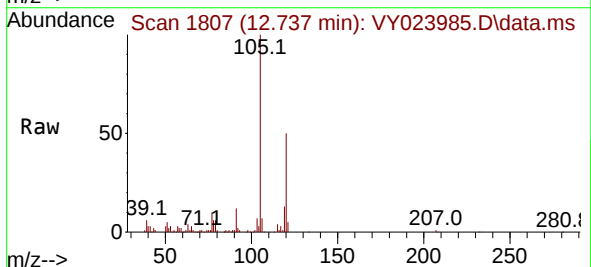
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

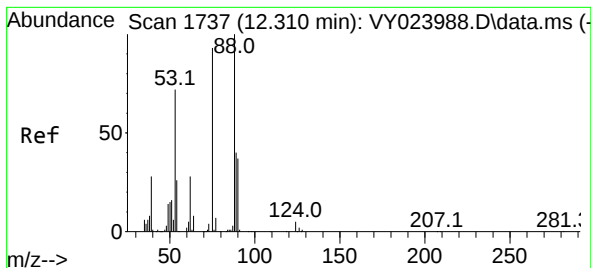
Tgt Ion: 91 Resp: 48528
Ion Ratio Lower Upper
91 100
126 35.6 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 3.791 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 105 Resp: 53547
Ion Ratio Lower Upper
105 100
120 51.0 25.6 76.6

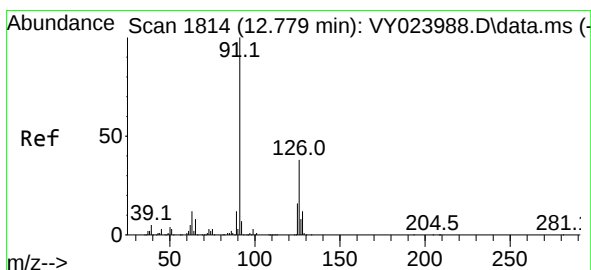
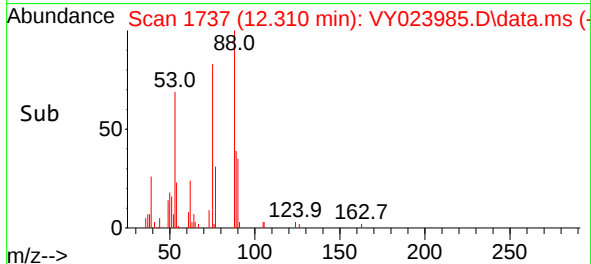
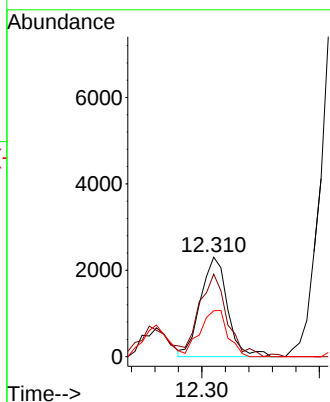
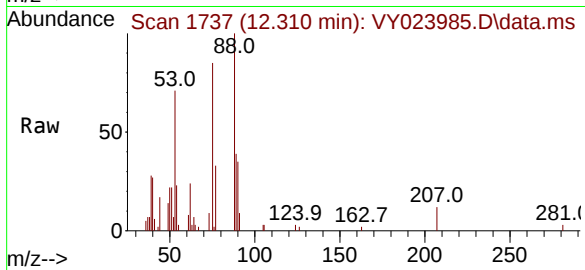




#81
trans-1,4-Dichloro-2-butene
Concen: 4.073 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

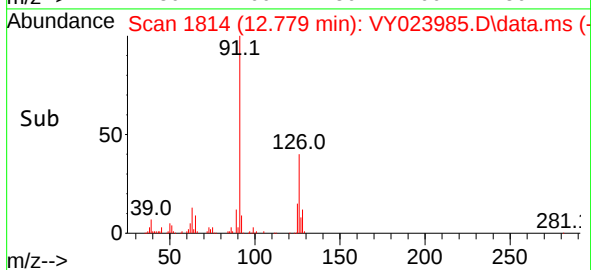
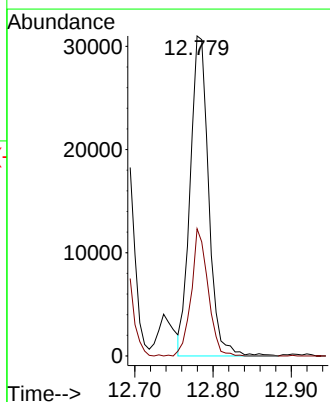
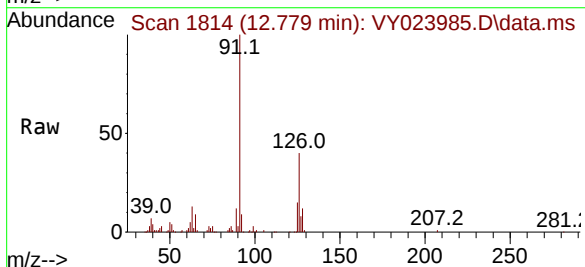
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

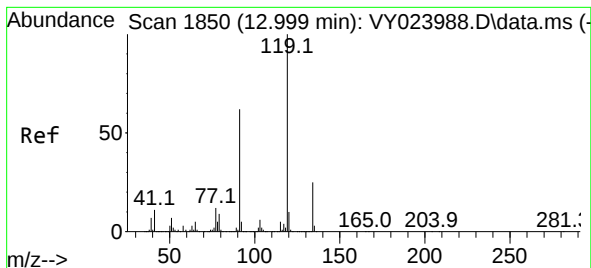
Tgt Ion: 75 Resp: 3675
Ion Ratio Lower Upper
75 100
53 84.9 69.9 104.9
89 47.4 38.6 57.8



#82
4-Chlorotoluene
Concen: 4.202 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023985.D
Acq: 16 Dec 2025 13:21

Tgt Ion: 91 Resp: 50842
Ion Ratio Lower Upper
91 100
126 36.1 18.5 55.5





#83

tert-Butylbenzene

Concen: 3.854 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

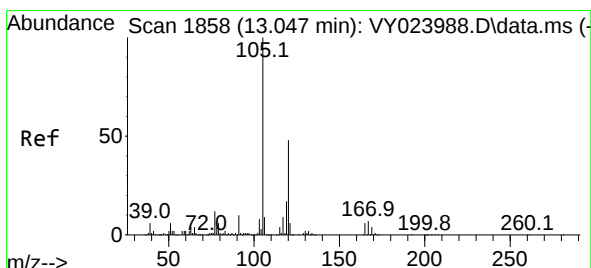
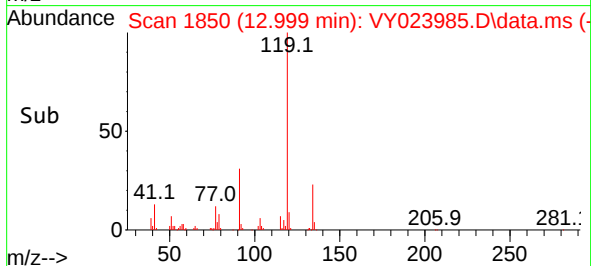
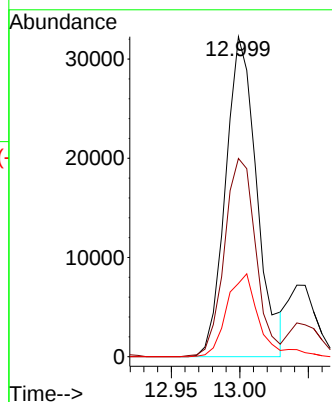
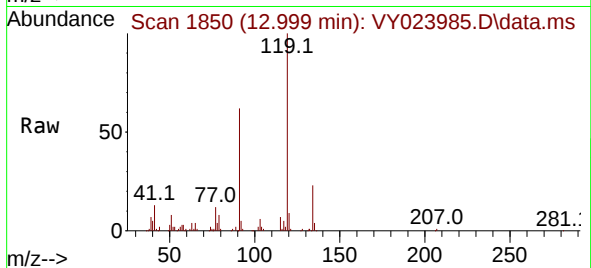
Tgt Ion:119 Resp: 51102

Ion Ratio Lower Upper

119 100

91 62.5 29.8 89.4

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 3.703 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY023985.D

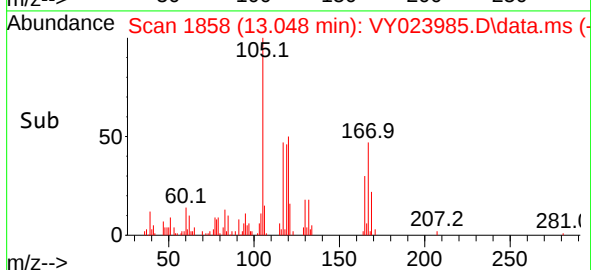
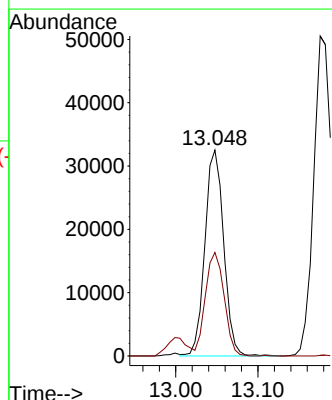
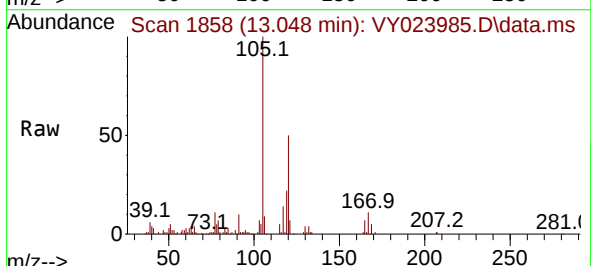
Acq: 16 Dec 2025 13:21

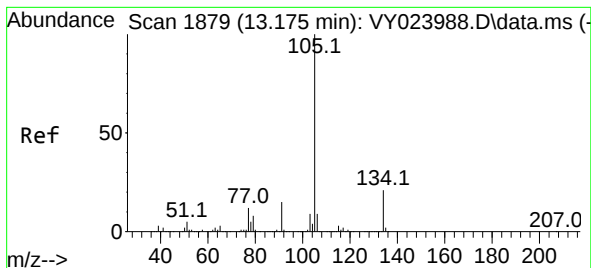
Tgt Ion:105 Resp: 51714

Ion Ratio Lower Upper

105 100

120 49.8 23.5 70.5

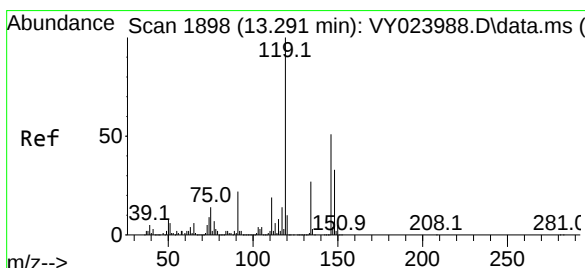
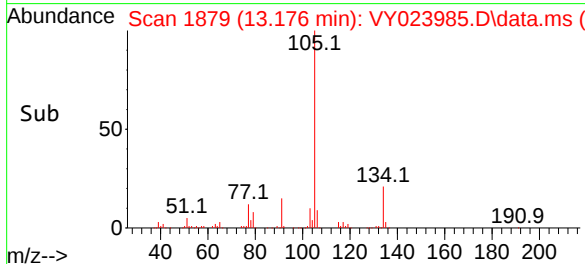
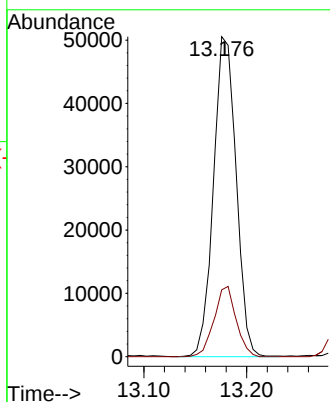
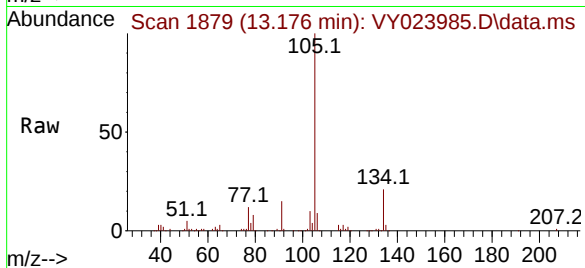




#85
 sec-Butylbenzene
 Concen: 4.049 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

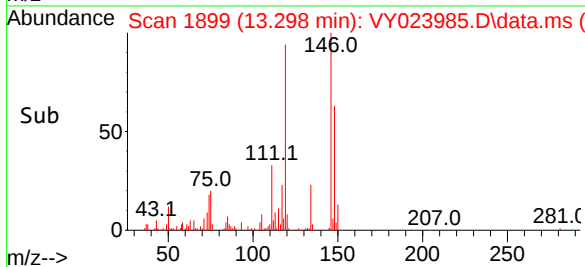
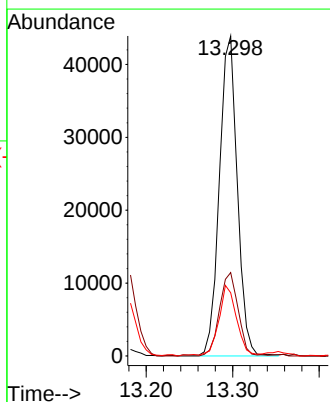
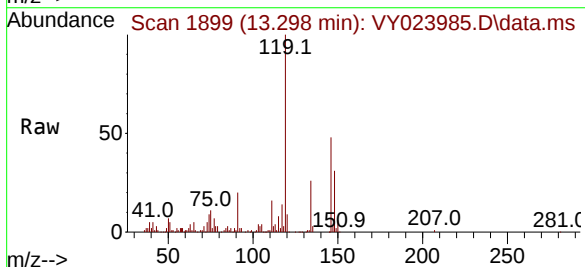
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

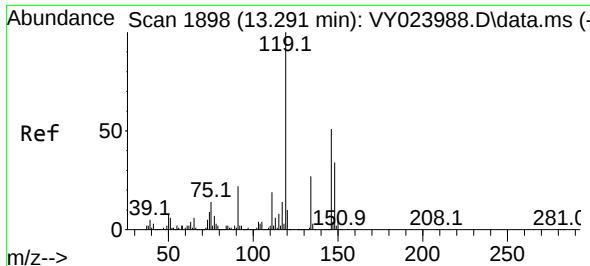
Tgt Ion:105 Resp: 77505
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 3.929 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.007 min
 Lab File: VY023985.D
 Acq: 16 Dec 2025 13:21

Tgt Ion:119 Resp: 63174
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.0
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 4.434 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

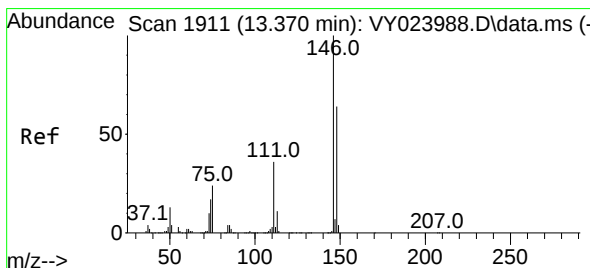
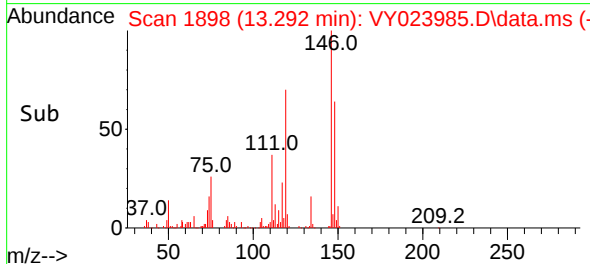
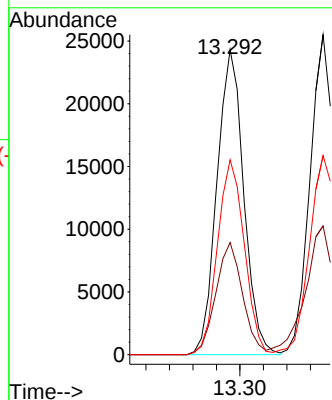
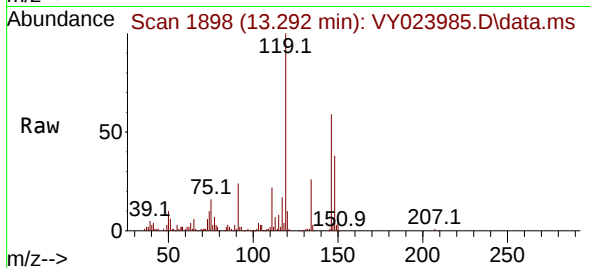
Tgt Ion:146 Resp: 38518

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 4.575 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

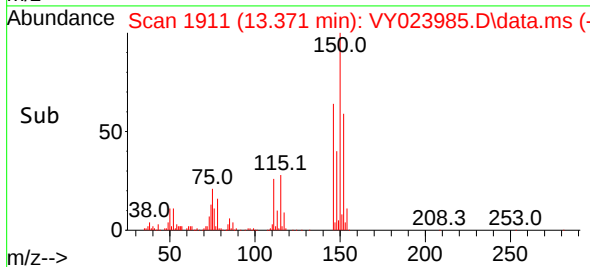
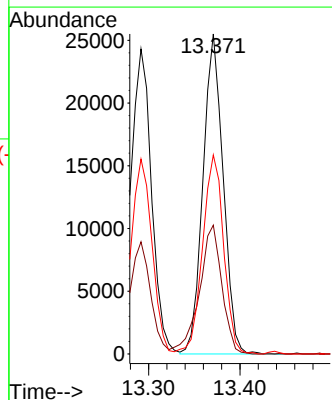
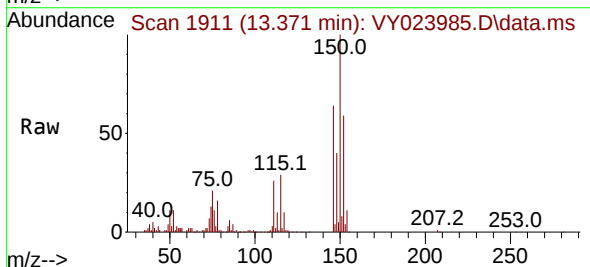
Tgt Ion:146 Resp: 39008

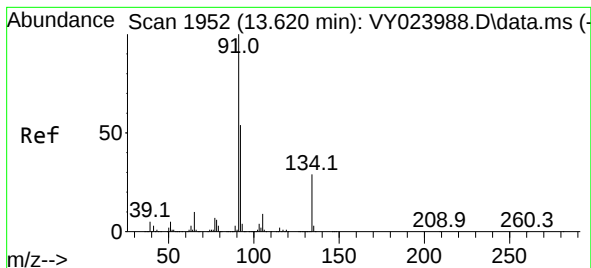
Ion Ratio Lower Upper

146 100

111 45.2 17.9 53.8

148 65.1 31.9 95.5





#89

n-Butylbenzene

Concen: 4.071 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

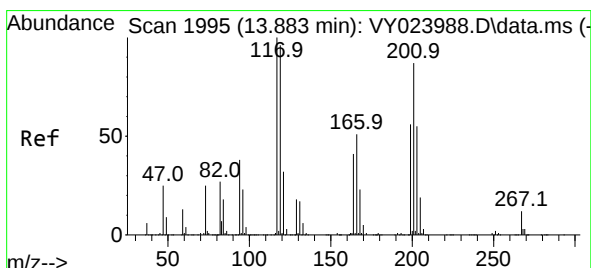
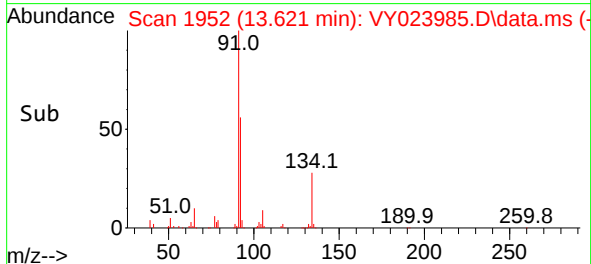
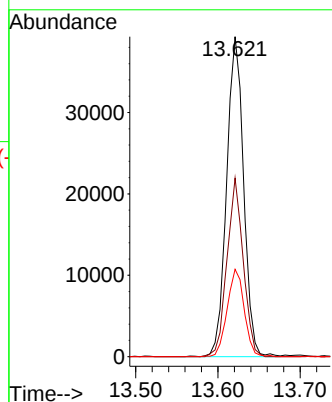
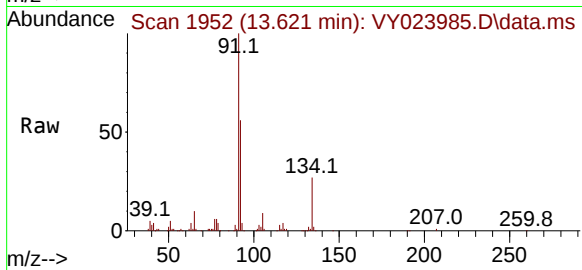
Tgt Ion: 91 Resp: 56558

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.1

134 27.4 14.2 42.6



#90

Hexachloroethane

Concen: 4.418 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023985.D

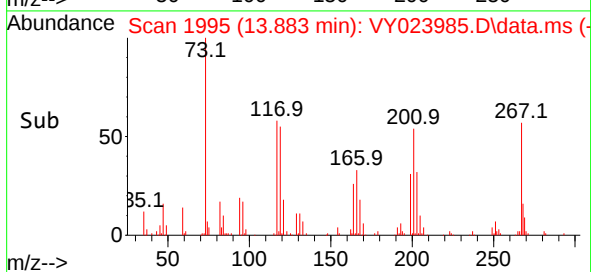
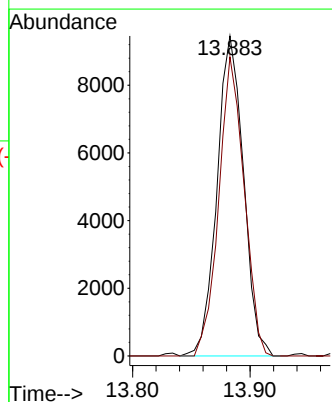
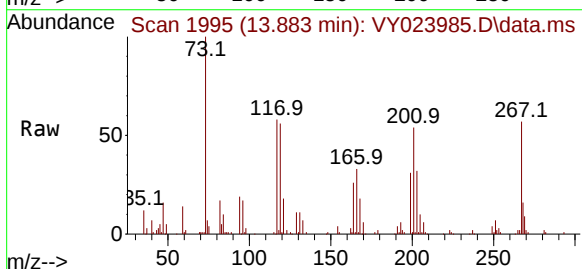
Acq: 16 Dec 2025 13:21

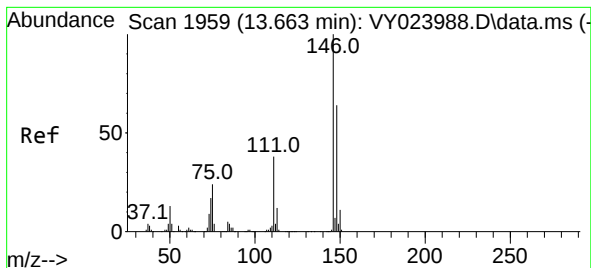
Tgt Ion: 117 Resp: 14833

Ion Ratio Lower Upper

117 100

201 89.3 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 4.392 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

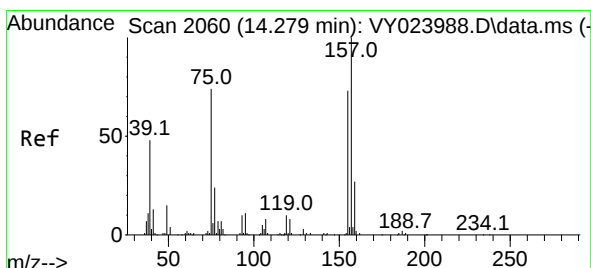
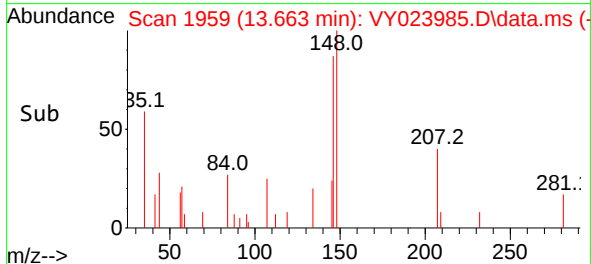
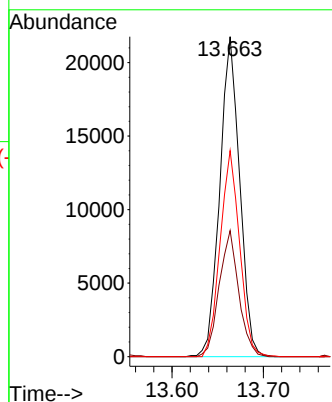
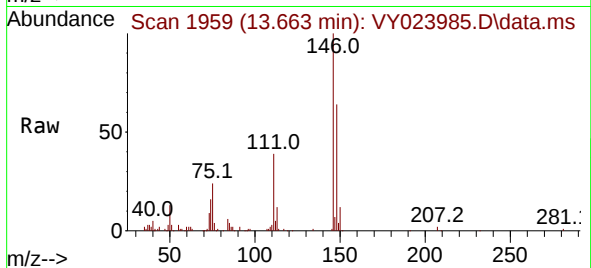
Tgt Ion:146 Resp: 32910

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.4

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.162 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

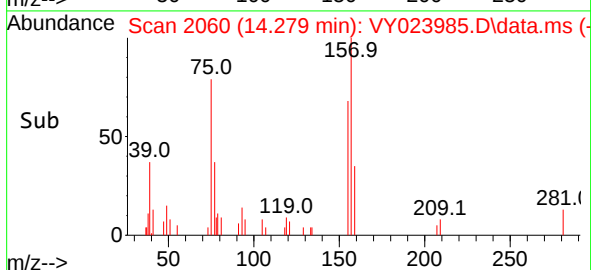
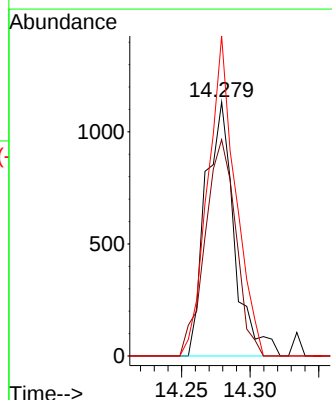
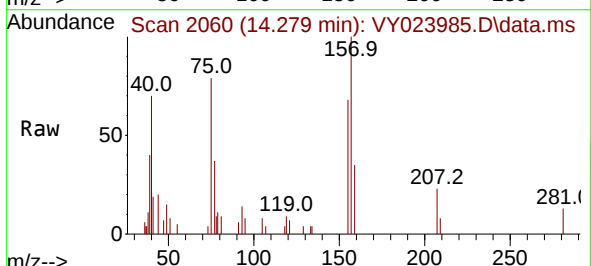
Tgt Ion: 75 Resp: 1651

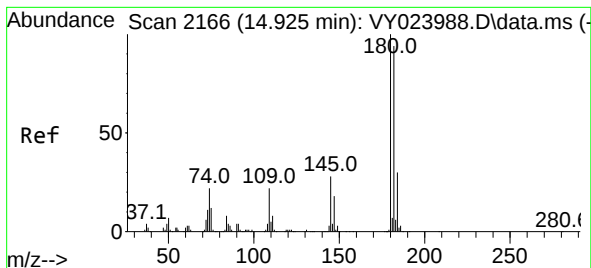
Ion Ratio Lower Upper

75 100

155 90.9 49.3 147.8

157 121.3 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 4.098 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

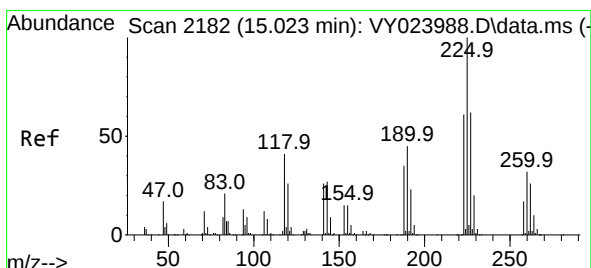
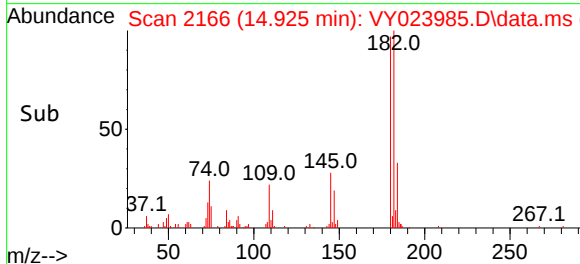
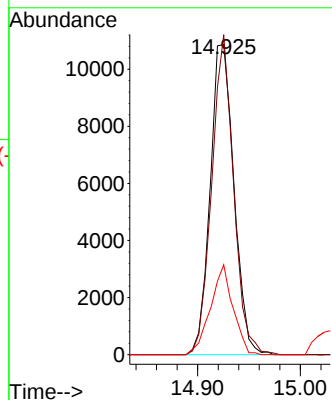
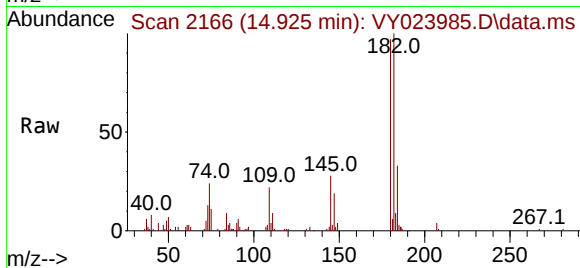
Tgt Ion:180 Resp: 17468

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

145 27.4 14.4 43.4



#94

Hexachlorobutadiene

Concen: 5.029 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

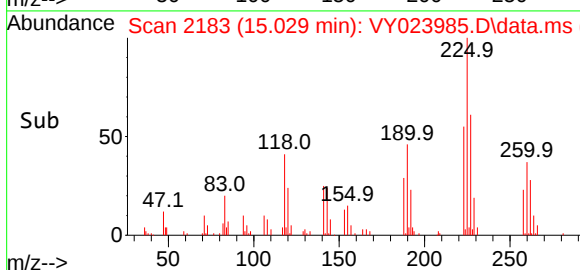
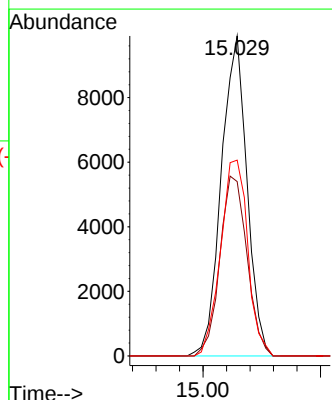
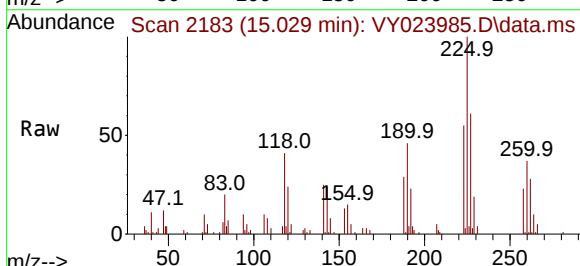
Tgt Ion:225 Resp: 15008

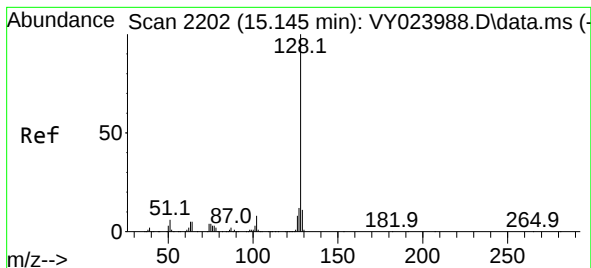
Ion Ratio Lower Upper

225 100

223 59.5 30.9 92.5

227 64.9 32.1 96.3





#95

Naphthalene

Concen: 4.688 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

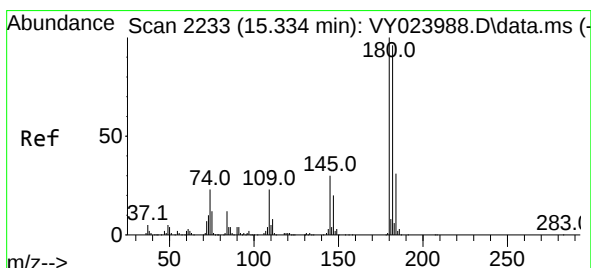
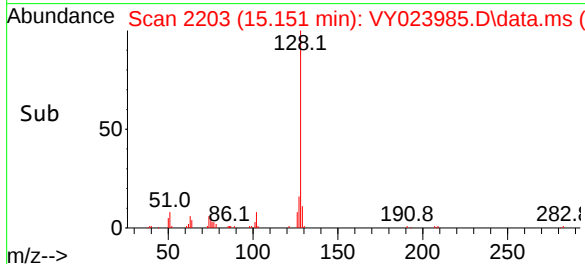
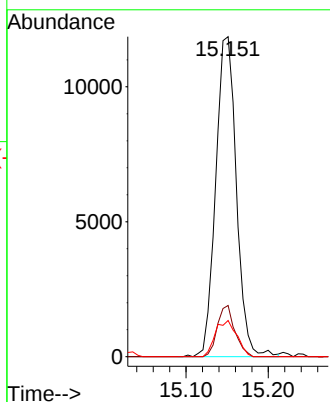
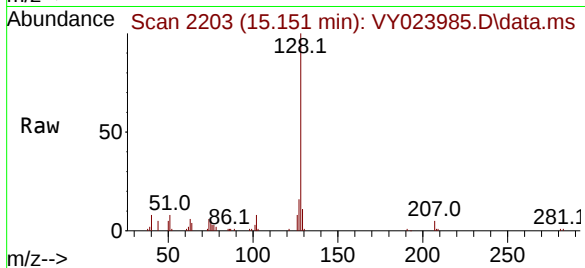
Tgt Ion:128 Resp: 20712

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.128 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY023985.D

Acq: 16 Dec 2025 13:21

Tgt Ion:180 Resp: 14769

Ion Ratio Lower Upper

180 100

182 97.5 47.7 143.1

145 31.8 15.6 46.7

