

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023987.D
 Acq On : 16 Dec 2025 14:06
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 17 03:35:12 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	487416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	682013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	575987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	294623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	79018	21.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.900%#
35) Dibromofluoromethane	7.640	113	91546	22.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.860%#
50) Toluene-d8	10.109	98	331238	22.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	44.980%#
62) 4-Bromofluorobenzene	12.408	95	105820	21.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	72166	23.076	ug/l	93
3) Chloromethane	2.080	50	76133	20.799	ug/l	93
4) Vinyl Chloride	2.214	62	98460	21.291	ug/l	96
5) Bromomethane	2.604	94	86456	21.066	ug/l	96
6) Chloroethane	2.745	64	69356	21.291	ug/l	99
7) Trichlorofluoromethane	3.068	101	160253	21.709	ug/l	100
8) Diethyl Ether	3.464	74	42012	21.298	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	96699	21.857	ug/l	100
10) Methyl Iodide	4.019	142	98486	18.093	ug/l	99
11) Tert butyl alcohol	4.878	59	20273	94.011	ug/l	100
12) 1,1-Dichloroethene	3.799	96	84662	21.115	ug/l	93
13) Acrolein	3.665	56	37808	104.564	ug/l	100
14) Allyl chloride	4.397	41	104713	21.561	ug/l	97
15) Acrylonitrile	5.073	53	77232	100.788	ug/l	99
16) Acetone	3.879	43	120440	100.971	ug/l	99
17) Carbon Disulfide	4.116	76	200122	19.945	ug/l	97
18) Methyl Acetate	4.403	43	31731	19.071	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	198643	20.853	ug/l	95
20) Methylene Chloride	4.635	84	104915	20.724	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	93653	21.493	ug/l	97
22) Diisopropyl ether	6.031	45	246231	21.954	ug/l	99
23) Vinyl Acetate	5.976	43	635748	104.129	ug/l	99
24) 1,1-Dichloroethane	5.933	63	160917	22.049	ug/l	100
25) 2-Butanone	6.902	43	122082	107.970	ug/l	96
26) 2,2-Dichloropropane	6.896	77	150973	22.168	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	113126	21.918	ug/l	98
28) Bromochloromethane	7.256	49	57733	19.822	ug/l	99
29) Tetrahydrofuran	7.274	42	54801	95.728	ug/l	96
30) Chloroform	7.433	83	178727	22.075	ug/l	97
31) Cyclohexane	7.707	56	135220	20.971	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	165605	22.050	ug/l	99
36) 1,1-Dichloropropene	7.841	75	122576	21.911	ug/l	99
37) Ethyl Acetate	6.994	43	42346	19.996	ug/l	96
38) Carbon Tetrachloride	7.829	117	152819	21.808	ug/l	99
39) Methylcyclohexane	9.115	83	155847	20.894	ug/l	98
40) Benzene	8.085	78	374777	21.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	20876	16.325	ug/l #	84
42) 1,2-Dichloroethane	8.164	62	94620	21.410	ug/l	98
43) Isopropyl Acetate	8.201	43	81989	20.015	ug/l #	86
44) Trichloroethene	8.872	130	112105	22.178	ug/l	97
45) 1,2-Dichloropropane	9.146	63	86118	22.358	ug/l	98
46) Dibromomethane	9.237	93	49628	21.486	ug/l	98
47) Bromodichloromethane	9.432	83	130943	21.851	ug/l	96
48) Methyl methacrylate	9.225	41	36663	18.363	ug/l	95
49) 1,4-Dioxane	9.243	88	9648	383.504	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	213370	99.508	ug/l	99
52) Toluene	10.176	92	259551	21.737	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	106112	20.833	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	131949	21.623	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	68495	21.590	ug/l	93
56) Ethyl methacrylate	10.444	69	72848	18.168	ug/l	98
57) 1,3-Dichloropropane	10.725	76	109002	21.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	152235	113.284	ug/l	99
59) 2-Hexanone	10.768	43	169961	105.474	ug/l	99
60) Dibromochloromethane	10.914	129	96156	21.552	ug/l	99
61) 1,2-Dibromoethane	11.018	107	61667	20.993	ug/l	99
64) Tetrachloroethene	10.652	164	134766	22.804	ug/l	99
65) Chlorobenzene	11.444	112	283227	22.344	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	99962	22.344	ug/l	99
67) Ethyl Benzene	11.524	91	450520	21.847	ug/l	98
68) m/p-Xylenes	11.633	106	367280	44.344	ug/l	100
69) o-Xylene	11.956	106	169534	22.006	ug/l	99
70) Styrene	11.975	104	275342	22.268	ug/l	99
71) Bromoform	12.139	173	56823	21.290	ug/l #	99
73) Isopropylbenzene	12.261	105	462181	22.774	ug/l	100
74) N-amyl acetate	12.072	43	65944	18.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	62744	20.406	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	86284	33.077	ug/l #	100
77) Bromobenzene	12.536	156	113224	22.196	ug/l	97
78) n-propylbenzene	12.597	91	524010	22.530	ug/l	100
79) 2-Chlorotoluene	12.682	91	302524	22.721	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	365292	22.891	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	20817	20.423	ug/l	99
82) 4-Chlorotoluene	12.779	91	309992	22.676	ug/l	99
83) tert-Butylbenzene	12.999	119	349220	23.314	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	362276	22.962	ug/l	99
85) sec-Butylbenzene	13.176	105	489822	22.653	ug/l	99
86) p-Isopropyltoluene	13.298	119	410439	22.594	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	220478	22.463	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	214678	22.286	ug/l	98
89) n-Butylbenzene	13.621	91	349694	22.282	ug/l	99
90) Hexachloroethane	13.883	117	84988	22.409	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	189480	22.382	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8792	19.621	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	105075	21.818	ug/l	100
94) Hexachlorobutadiene	15.023	225	74781	22.180	ug/l	99
95) Naphthalene	15.151	128	142967	18.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	86127	21.311	ug/l	99

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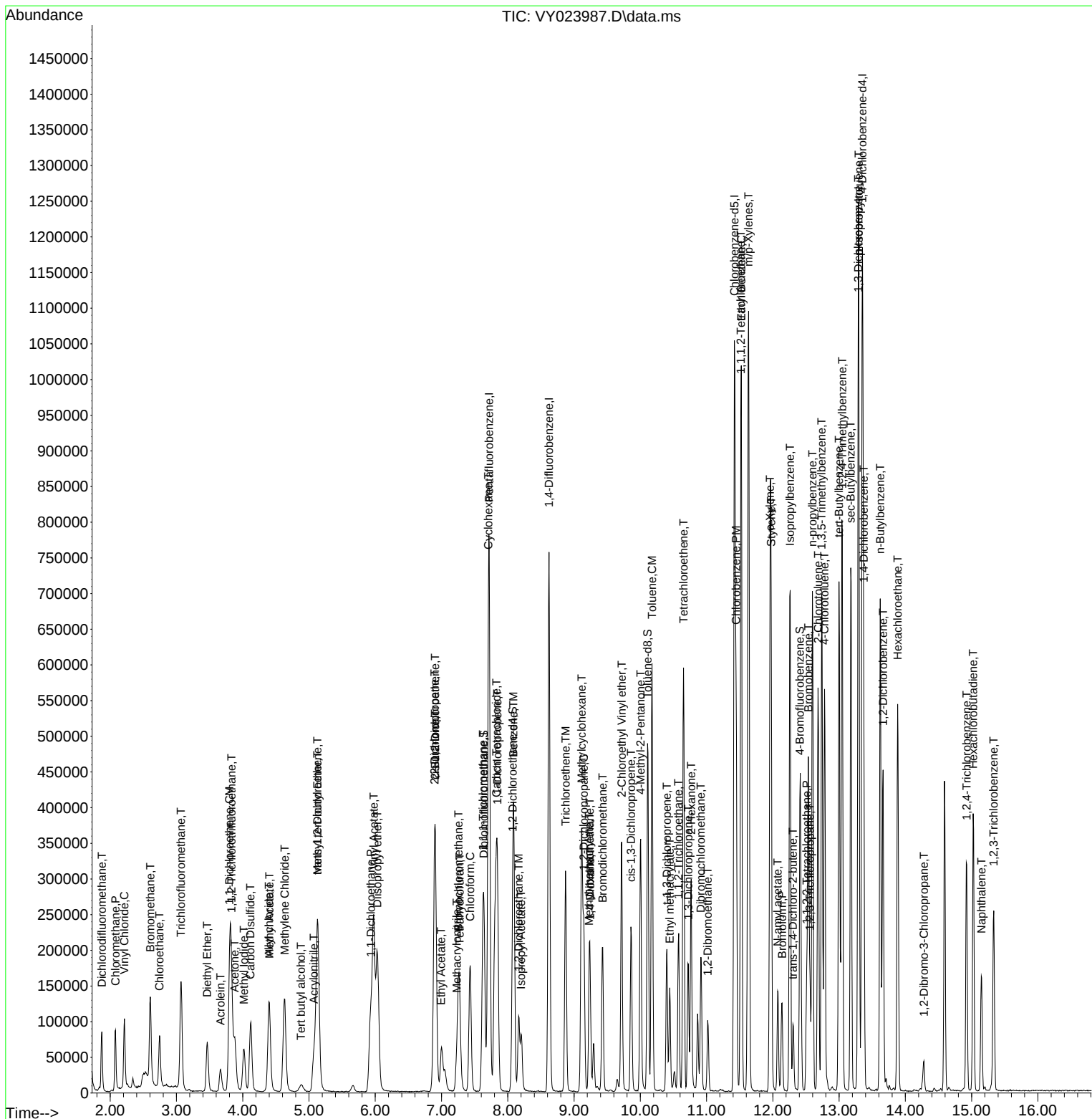
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

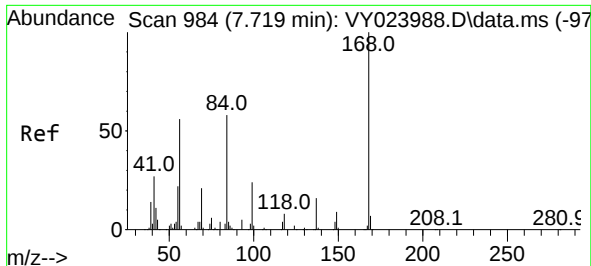
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QLast Update : Wed Dec 17 03:31:24 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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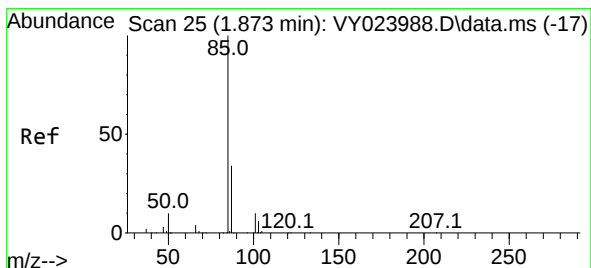
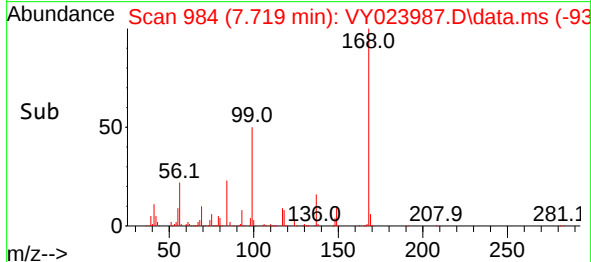
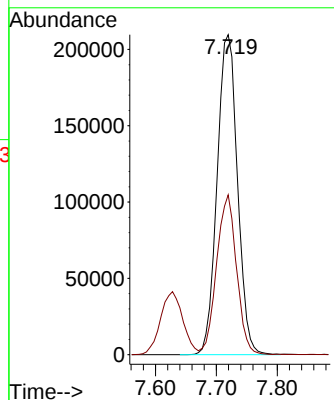
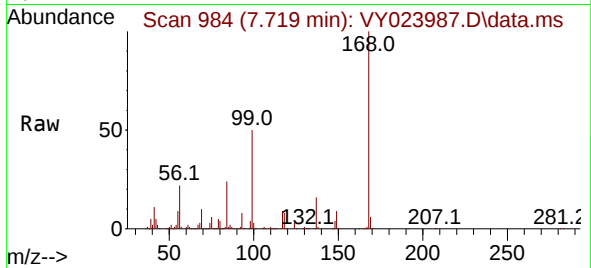




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023987.D
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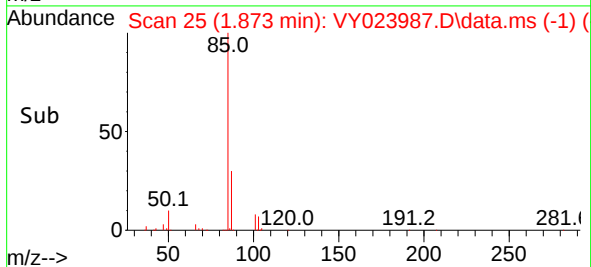
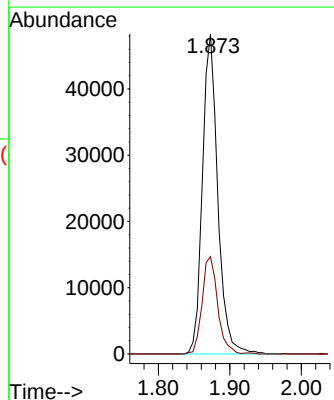
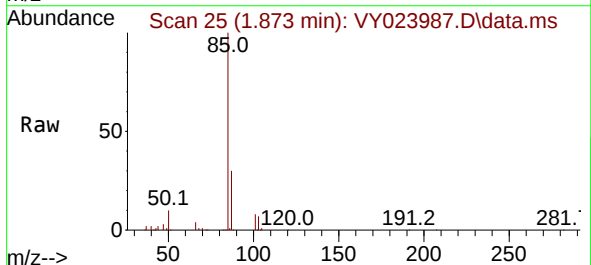
Instrument :
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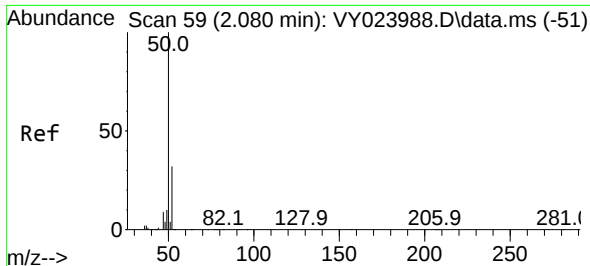
Tgt Ion:168 Resp: 487416
Ion Ratio Lower Upper
168 100
99 49.8 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 23.076 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 85 Resp: 72166
Ion Ratio Lower Upper
85 100
87 30.4 17.3 51.7

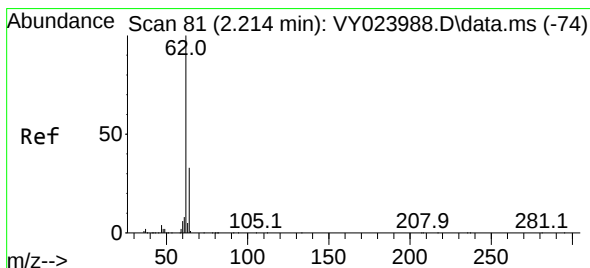
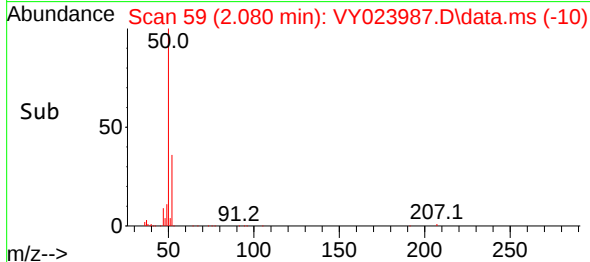
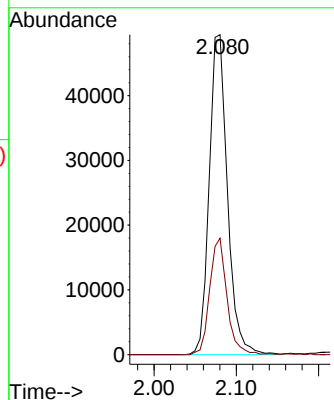
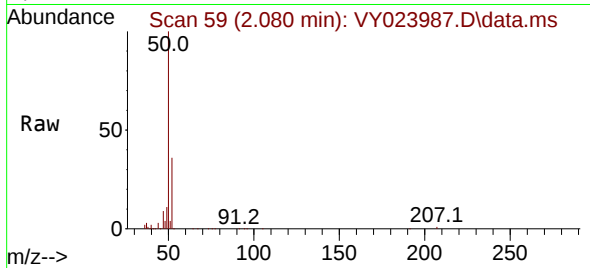




#3
Chloromethane
Concen: 20.799 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

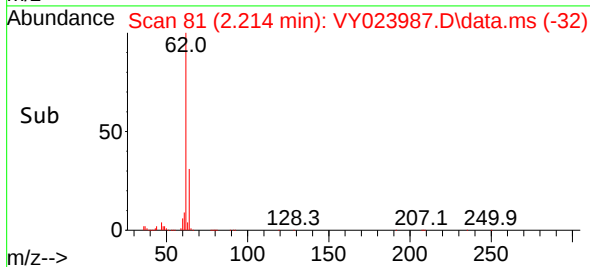
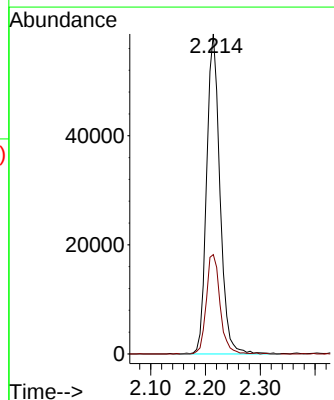
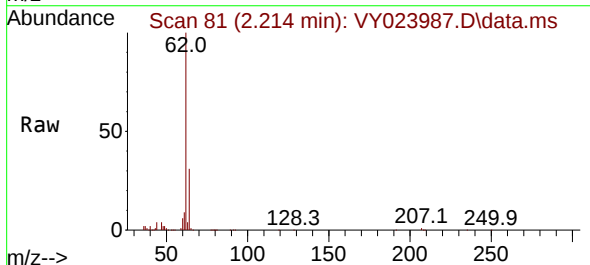
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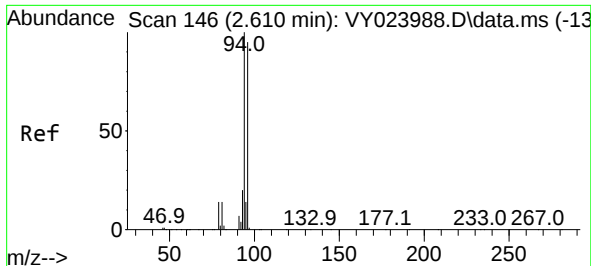
Tgt Ion: 50 Resp: 76133
Ion Ratio Lower Upper
50 100
52 36.4 25.8 38.8



#4
Vinyl Chloride
Concen: 21.291 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 62 Resp: 98460
Ion Ratio Lower Upper
62 100
64 31.1 26.6 40.0

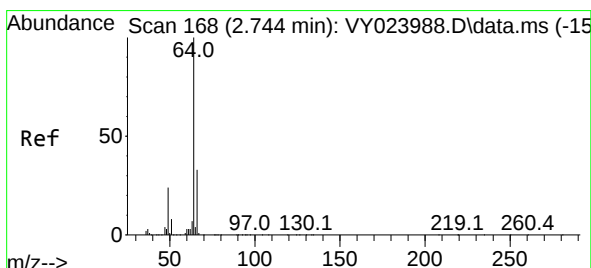
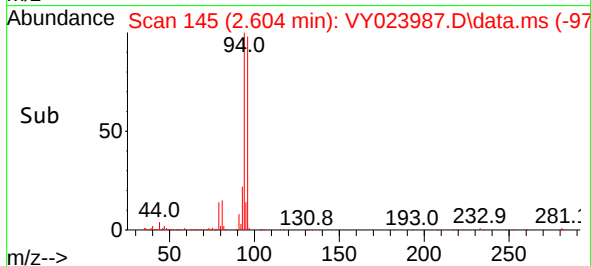
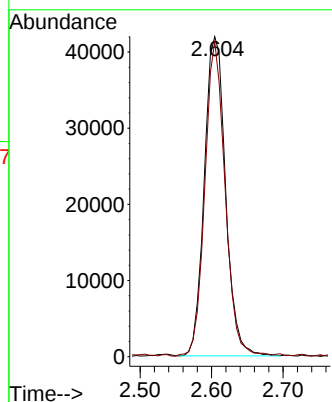
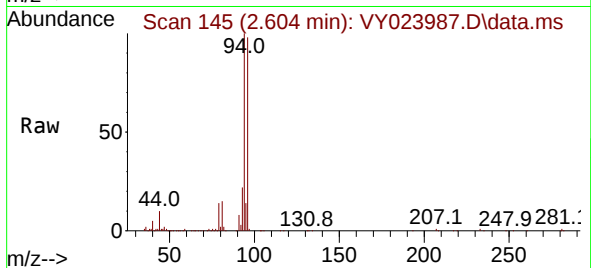




#5
Bromomethane
Concen: 21.066 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

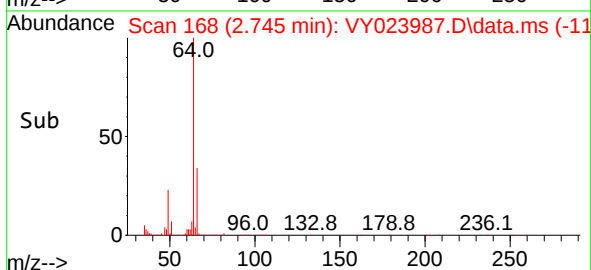
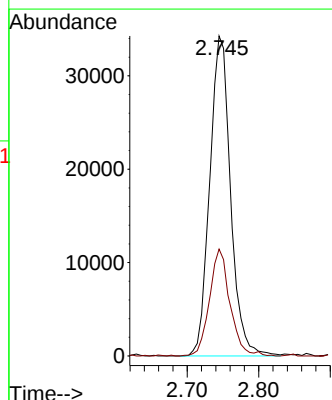
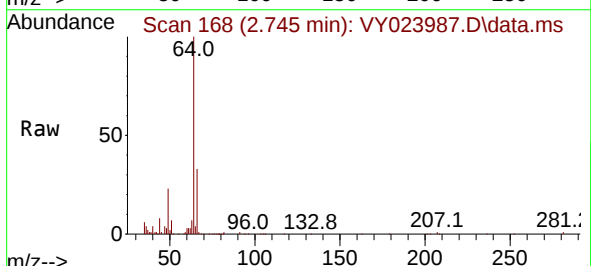
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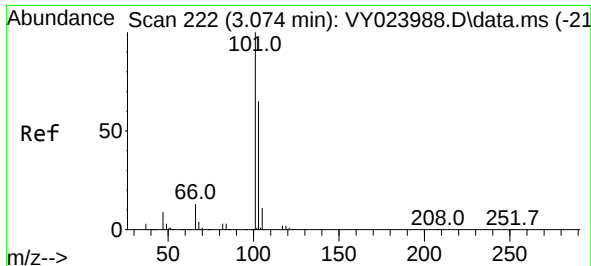
Tgt Ion: 94 Resp: 86456
Ion Ratio Lower Upper
94 100
96 98.0 75.6 113.4



#6
Chloroethane
Concen: 21.291 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 64 Resp: 69356
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4

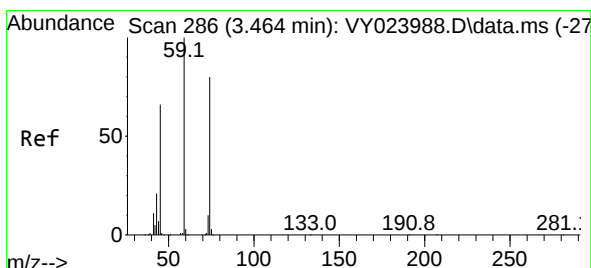
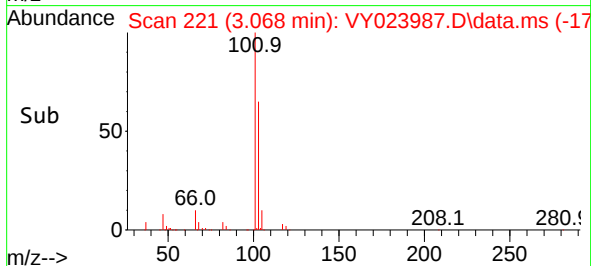
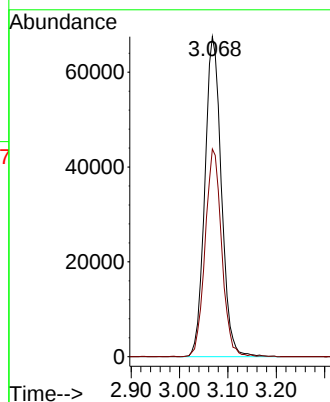
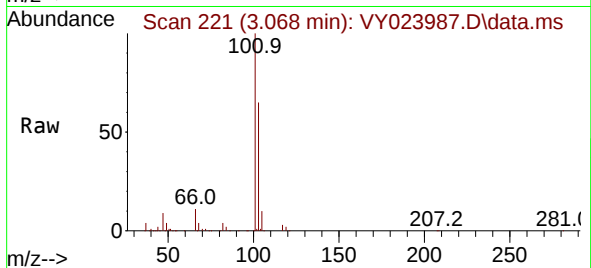




#7
 Trichlorofluoromethane
 Concen: 21.709 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

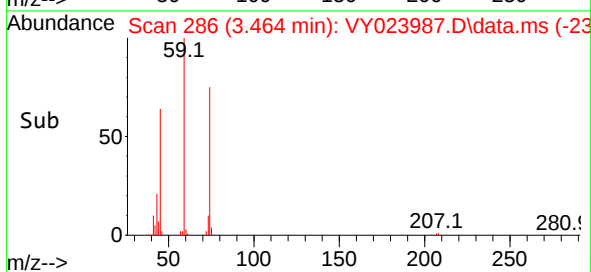
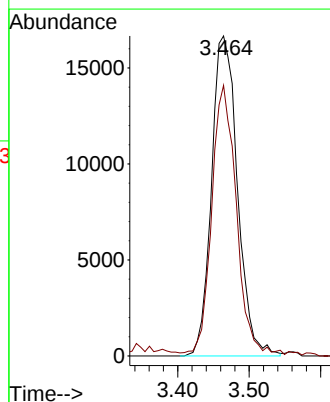
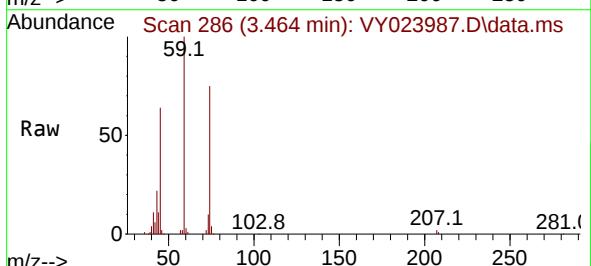
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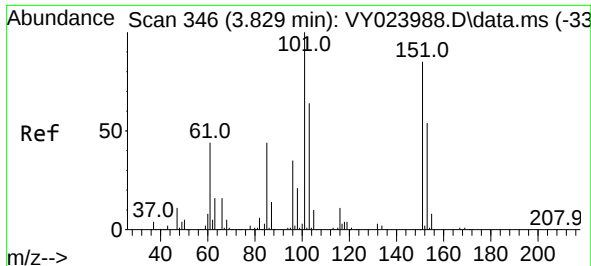
Tgt Ion:101 Resp: 160253
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.6



#8
 Diethyl Ether
 Concen: 21.298 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
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 Acq: 16 Dec 2025 14:06

Tgt Ion: 74 Resp: 42012
 Ion Ratio Lower Upper
 74 100
 45 79.3 39.9 119.7

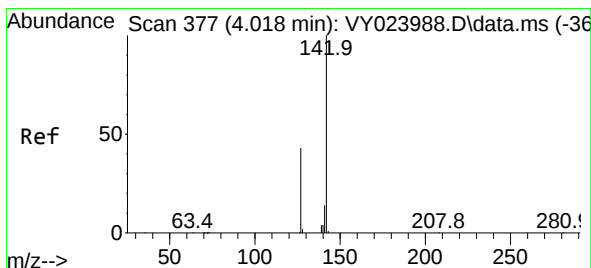
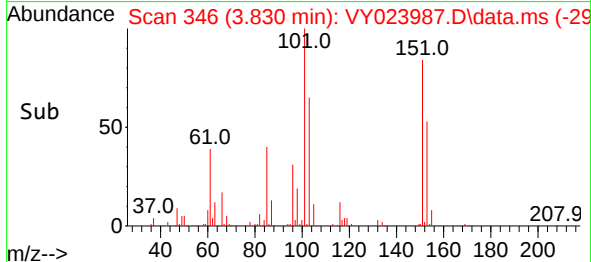
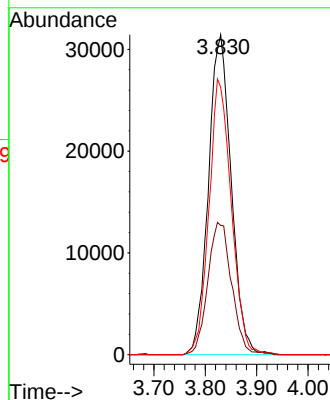
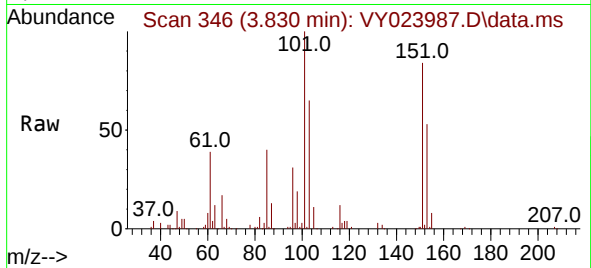




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.857 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

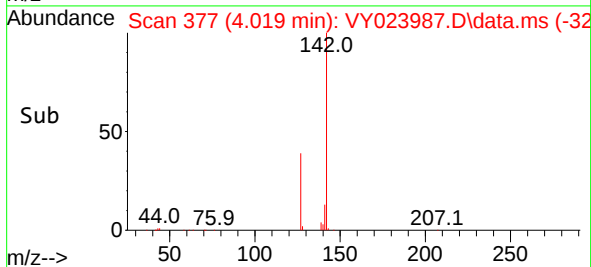
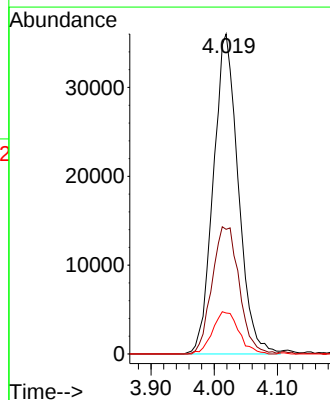
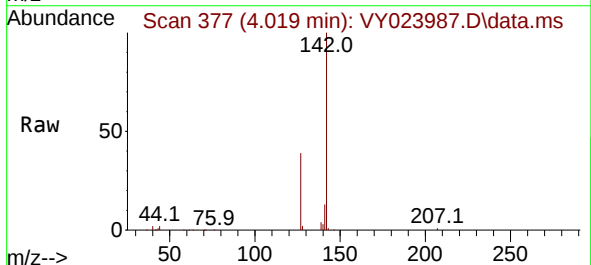
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

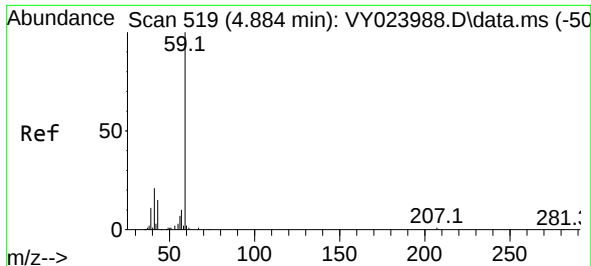
Tgt Ion:101 Resp: 96699
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 84.7 67.6 101.4



#10
Methyl Iodide
Concen: 18.093 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.001 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:142 Resp: 98486
Ion Ratio Lower Upper
142 100
127 43.4 34.3 51.5
141 13.9 11.7 17.5

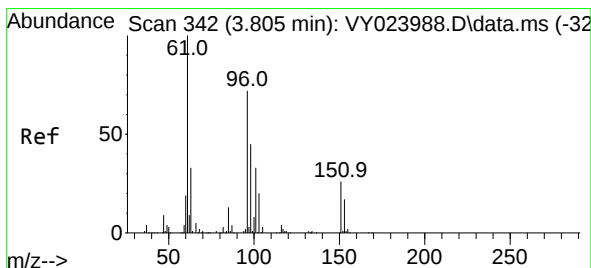
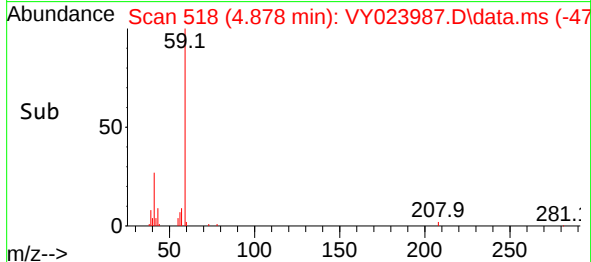
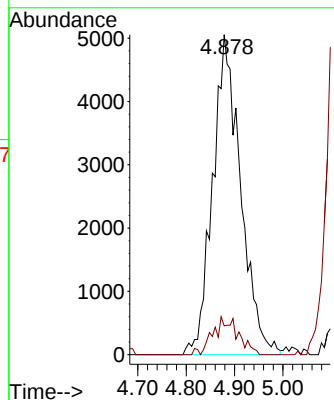
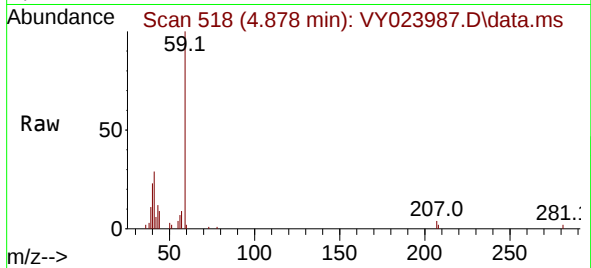




#11
Tert butyl alcohol
Concen: 94.011 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

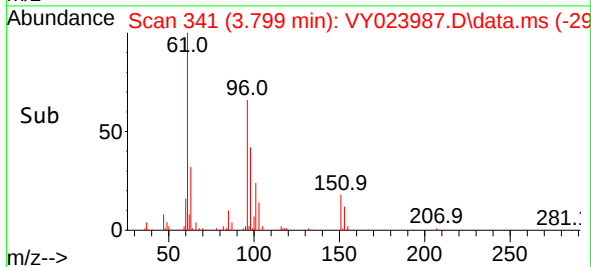
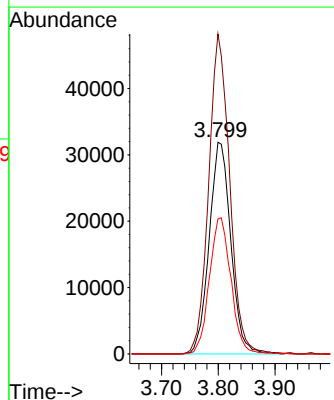
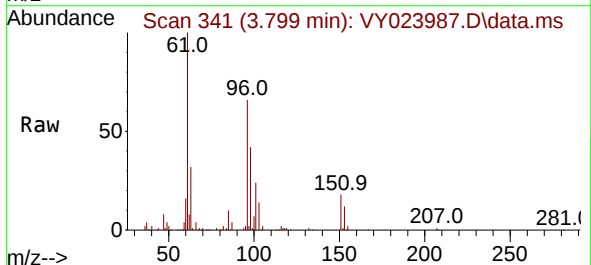
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

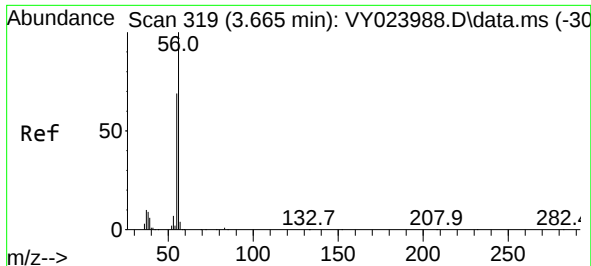
Tgt Ion: 59 Resp: 20273
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 21.115 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 96 Resp: 84662
Ion Ratio Lower Upper
96 100
61 151.1 111.1 166.7
98 63.8 50.2 75.2

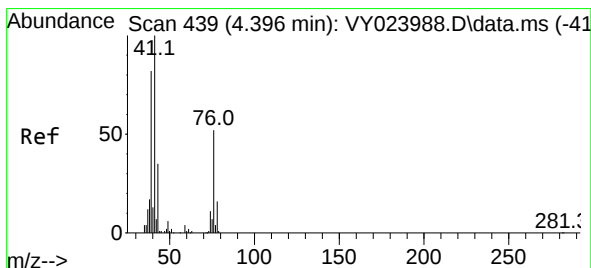
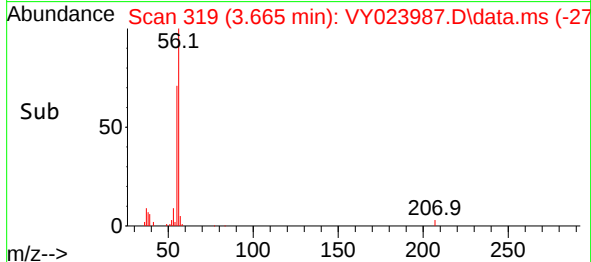
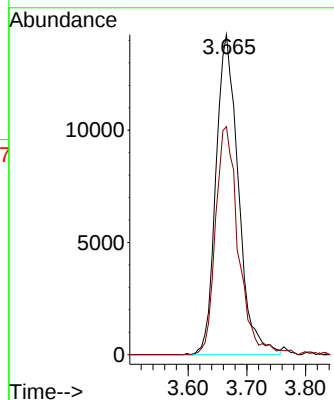
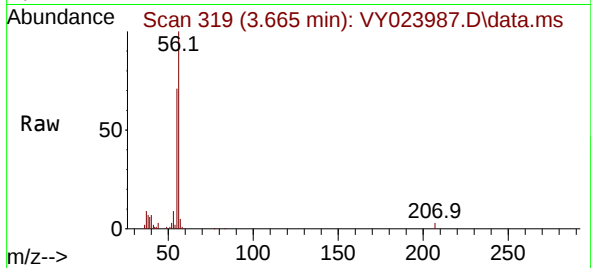




#13
Acrolein
Concen: 104.564 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

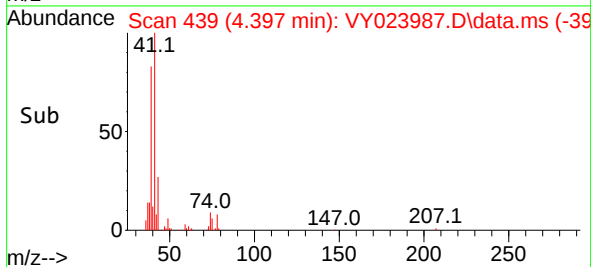
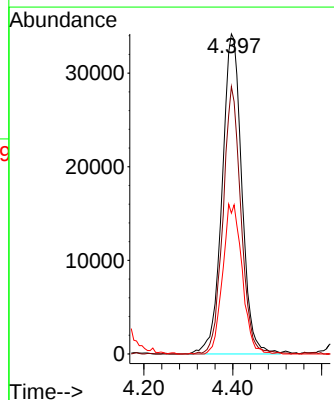
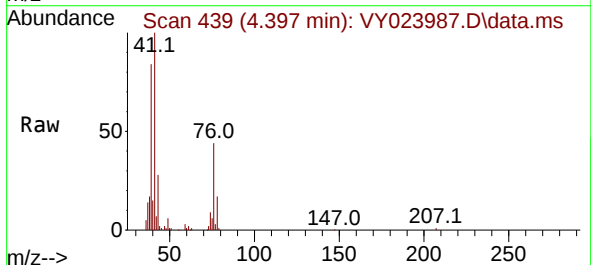
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

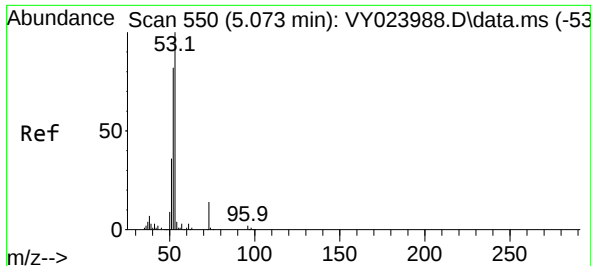
Tgt Ion: 56 Resp: 37808
Ion Ratio Lower Upper
56 100
55 72.9 58.1 87.1



#14
Allyl chloride
Concen: 21.561 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 41 Resp: 104713
Ion Ratio Lower Upper
41 100
39 76.5 62.9 94.3
76 46.3 38.7 58.1

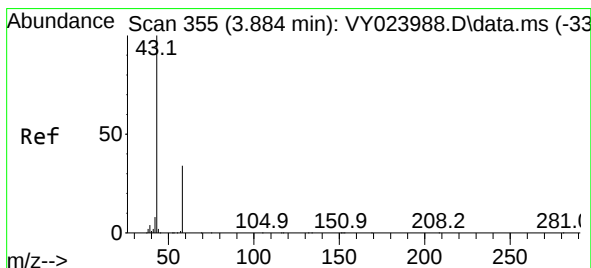
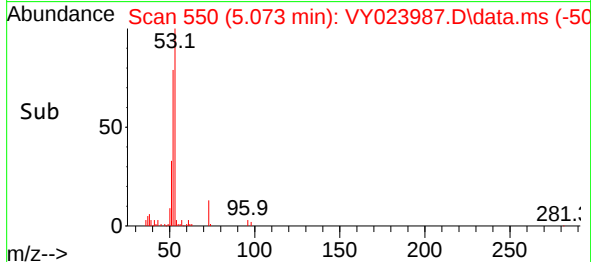
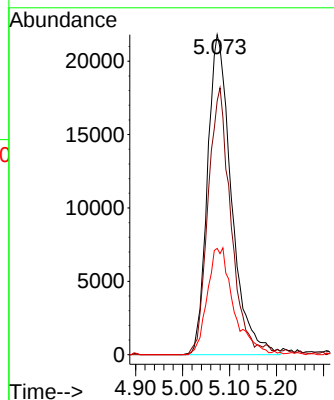
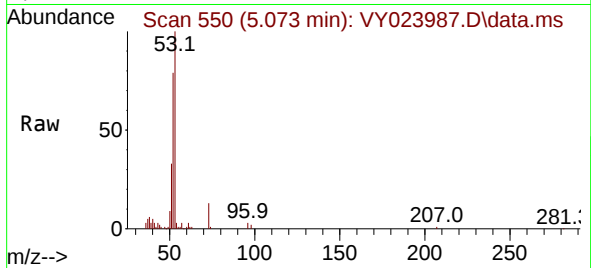




#15
Acrylonitrile
Concen: 100.788 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

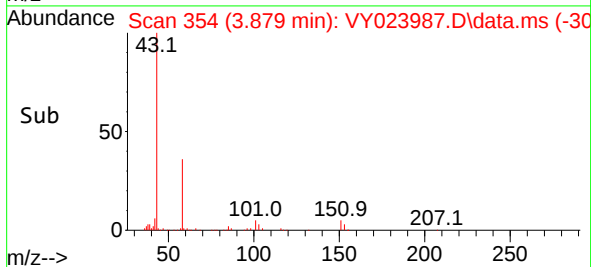
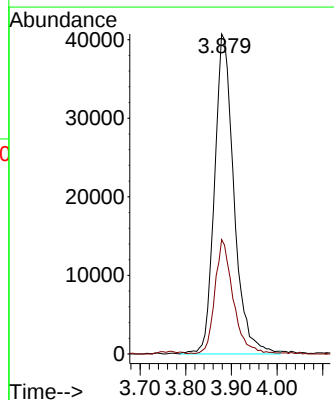
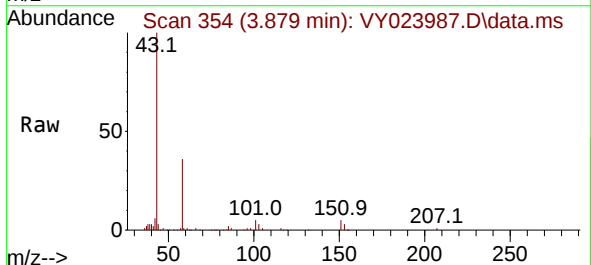
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

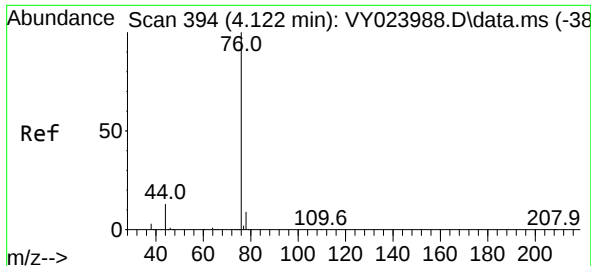
Tgt Ion: 53 Resp: 77232
Ion Ratio Lower Upper
53 100
52 79.0 64.2 96.4
51 36.5 29.1 43.7



#16
Acetone
Concen: 100.971 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.005 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 43 Resp: 120440
Ion Ratio Lower Upper
43 100
58 35.4 27.7 41.5

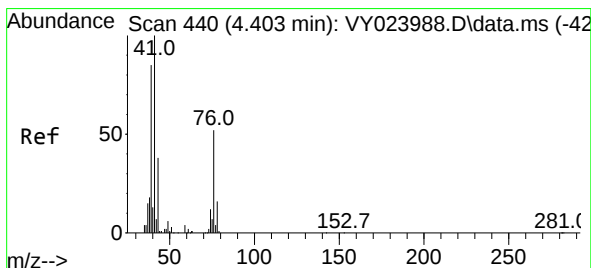
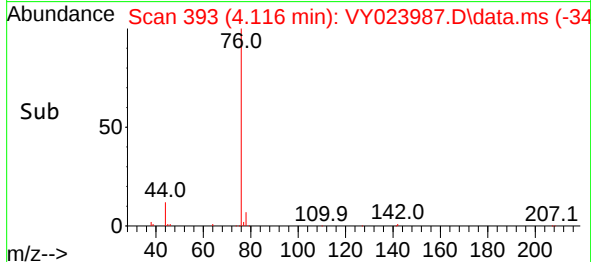
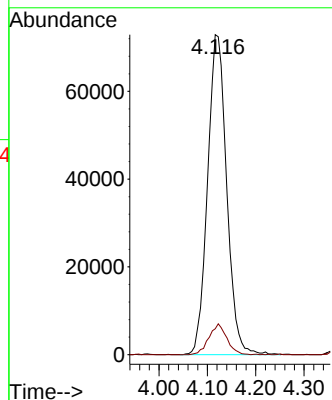
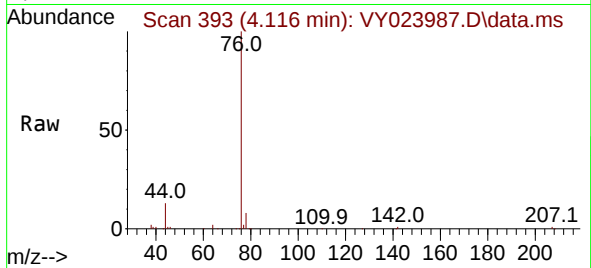




#17
Carbon Disulfide
Concen: 19.945 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

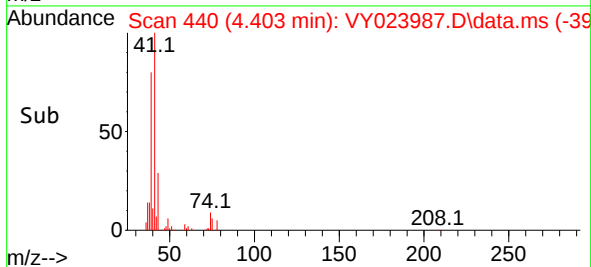
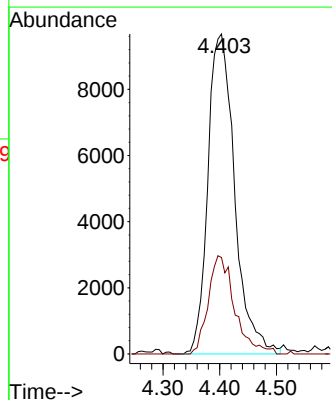
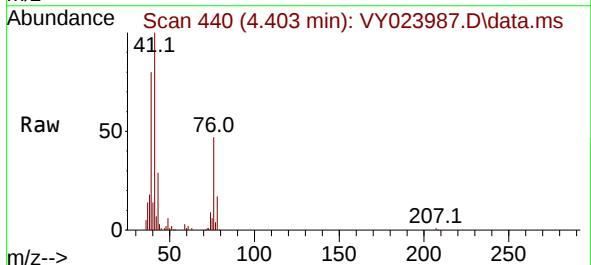
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

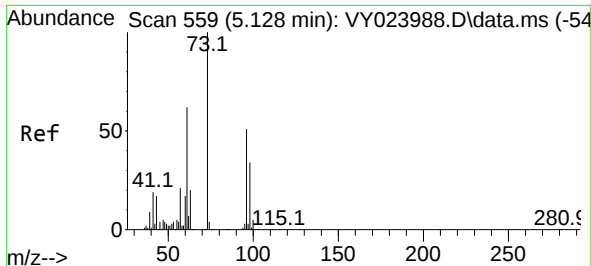
Tgt Ion: 76 Resp: 200122
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 19.071 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 43 Resp: 31731
Ion Ratio Lower Upper
43 100
74 30.3 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.853 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

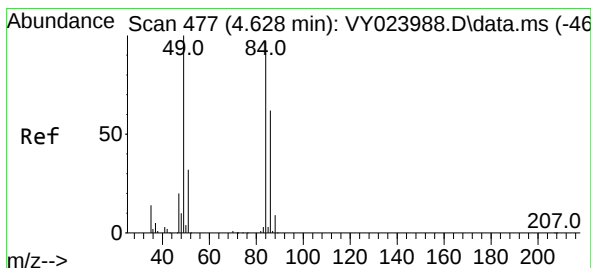
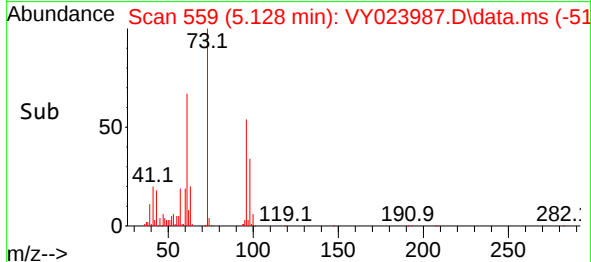
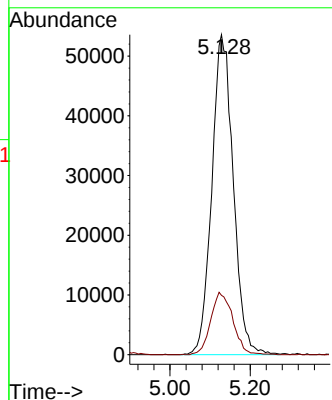
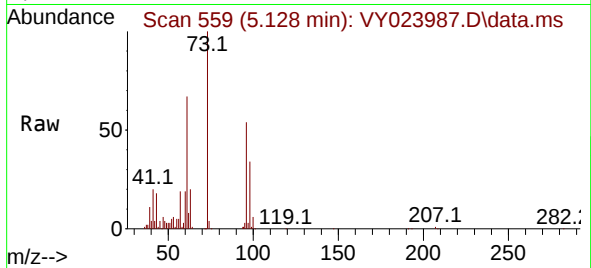
VSTDICC020

Tgt Ion: 73 Resp: 198643

Ion Ratio Lower Upper

73 100

57 18.5 16.6 24.8



#20

Methylene Chloride

Concen: 20.724 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Tgt Ion: 84 Resp: 104915

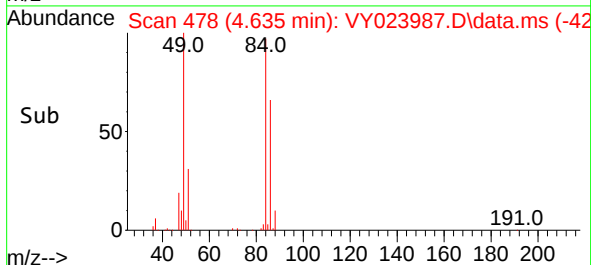
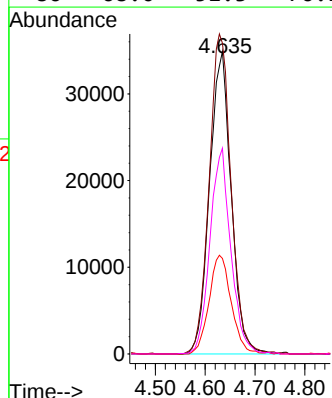
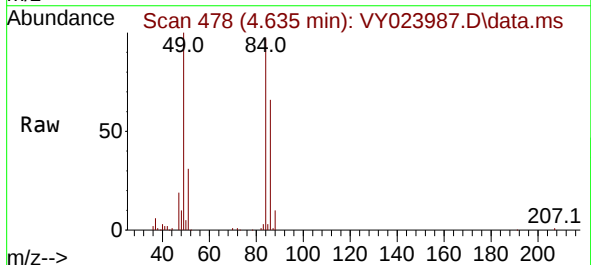
Ion Ratio Lower Upper

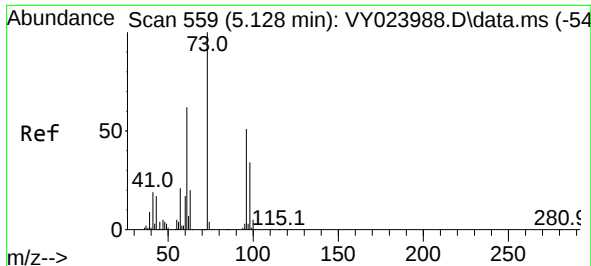
84 100

49 102.7 82.6 124.0

51 31.6 26.4 39.6

86 68.0 51.3 76.9

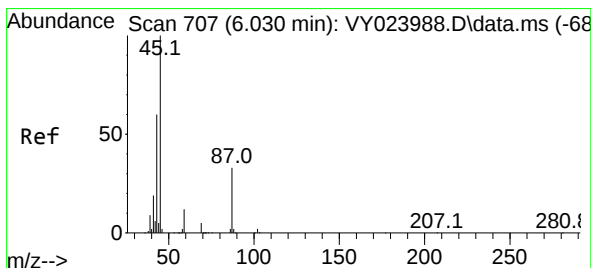
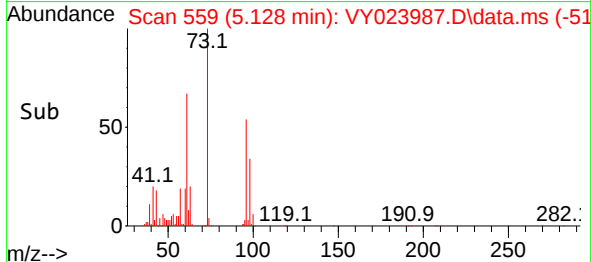
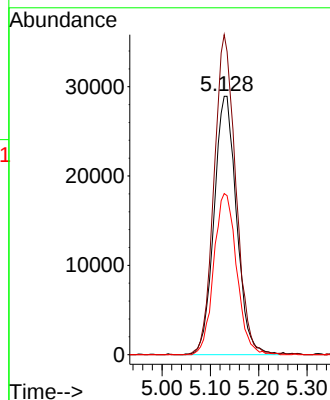
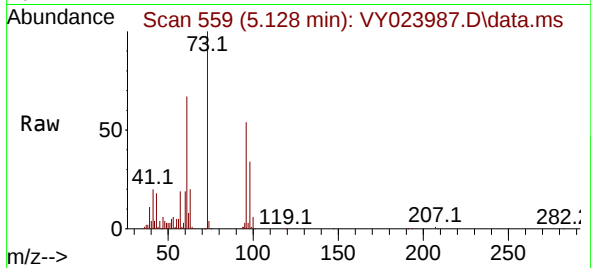




#21
trans-1,2-Dichloroethene
Concen: 21.493 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

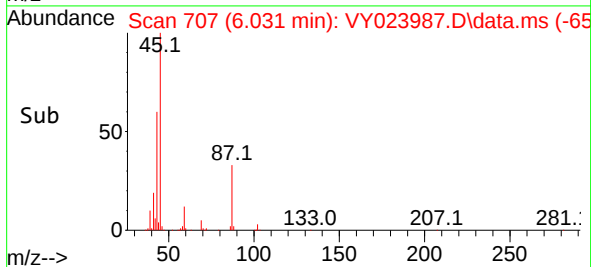
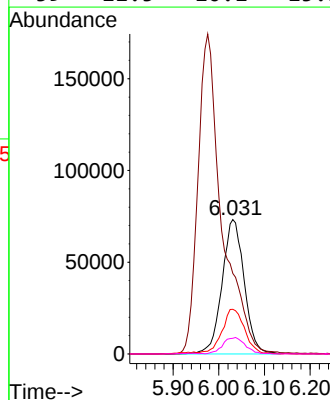
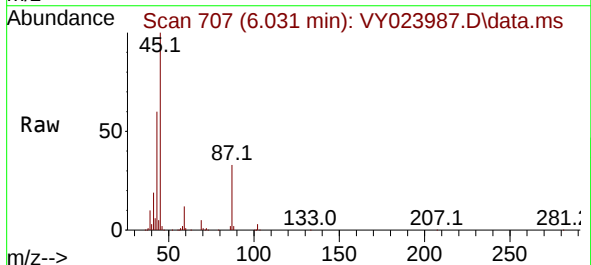
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

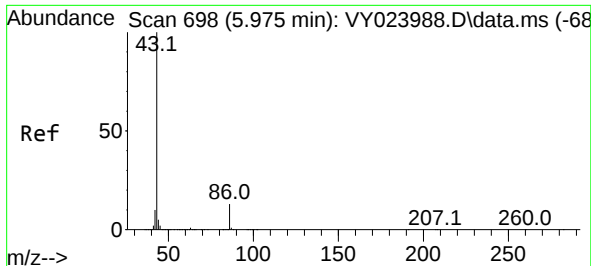
Tgt Ion: 96 Resp: 93653
Ion Ratio Lower Upper
96 100
61 123.8 97.8 146.8
98 62.3 52.8 79.2



#22
Diisopropyl ether
Concen: 21.954 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 45 Resp: 246231
Ion Ratio Lower Upper
45 100
43 59.2 48.3 72.5
87 33.2 26.8 40.2
59 11.5 10.1 15.1

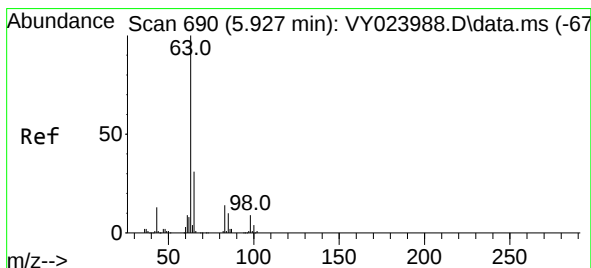
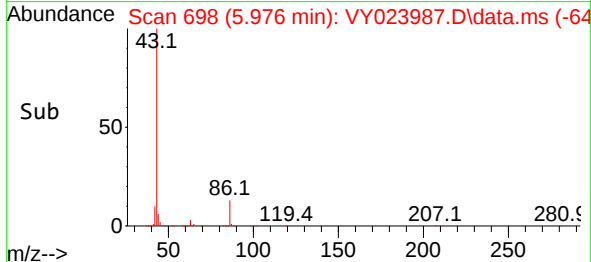
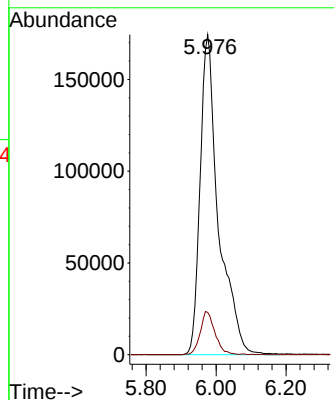
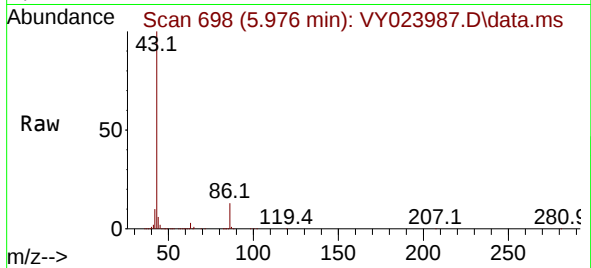




#23
 Vinyl Acetate
 Concen: 104.129 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

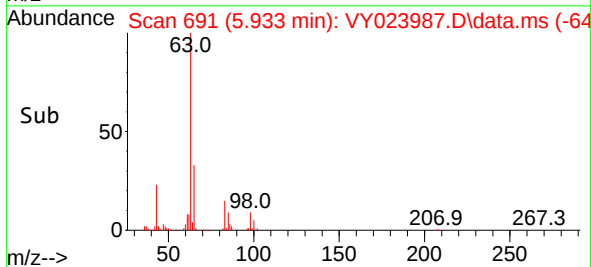
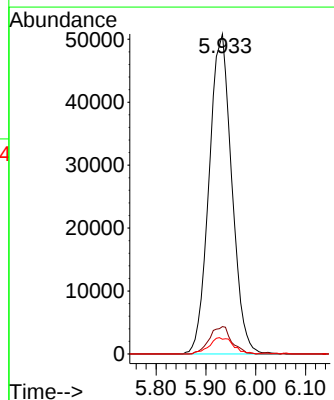
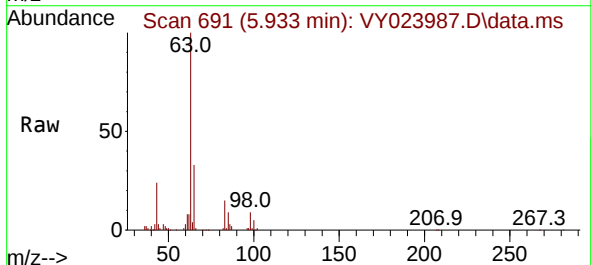
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

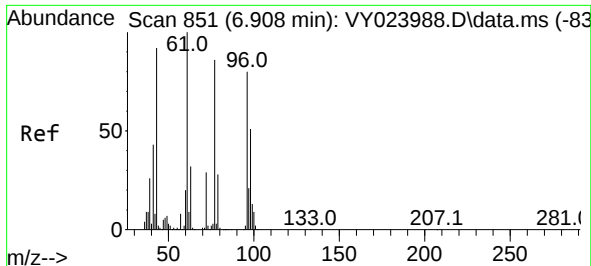
Tgt Ion: 43 Resp: 635748
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 22.049 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

Tgt Ion: 63 Resp: 160917
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 12.9
 100 4.6 2.2 6.6

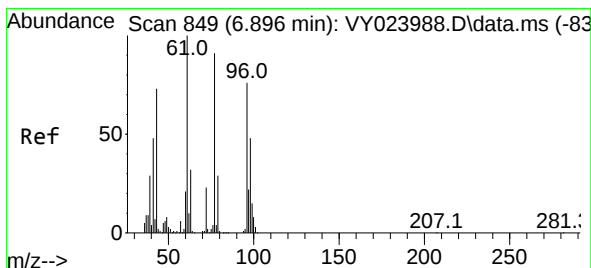
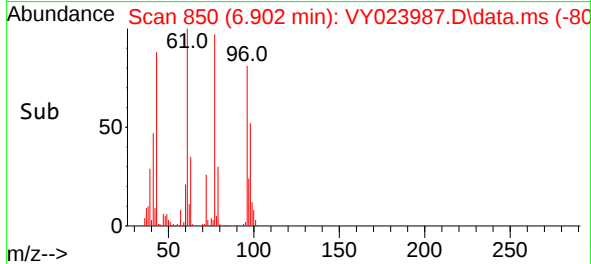
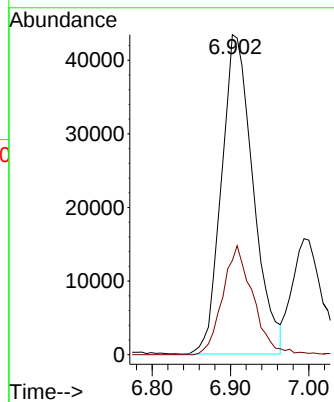
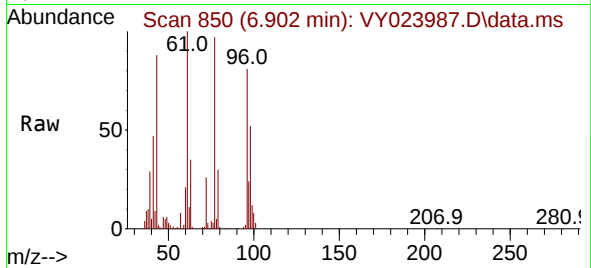




#25
2-Butanone
Concen: 107.970 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

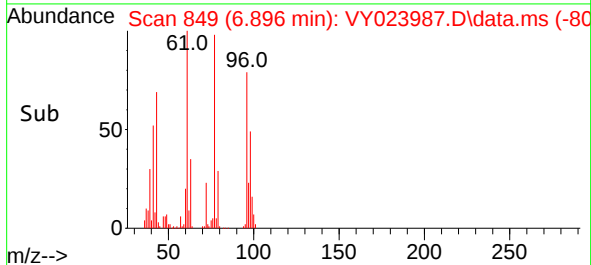
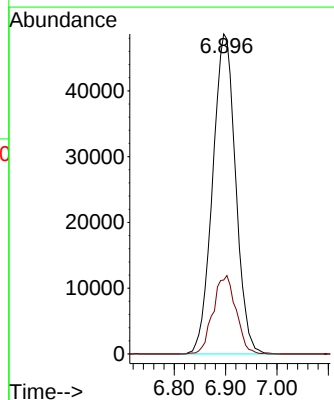
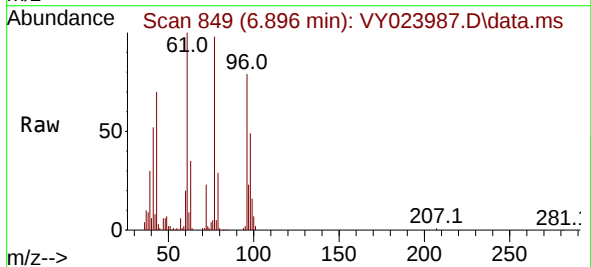
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

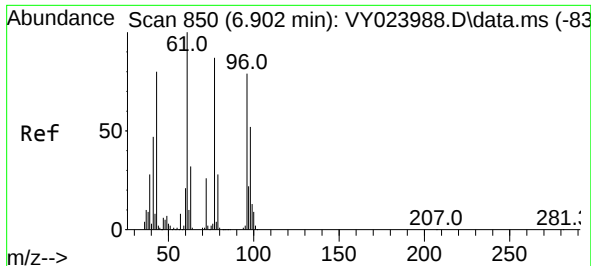
Tgt Ion: 43 Resp: 122082
Ion Ratio Lower Upper
43 100
72 29.5 25.4 38.0



#26
2,2-Dichloropropane
Concen: 22.168 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 77 Resp: 150973
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1

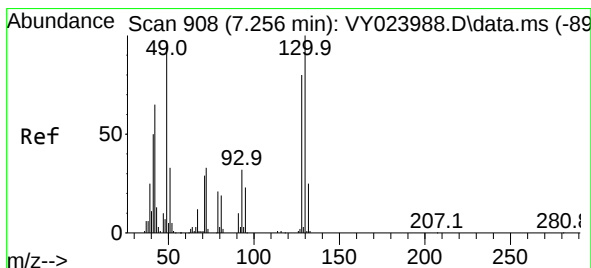
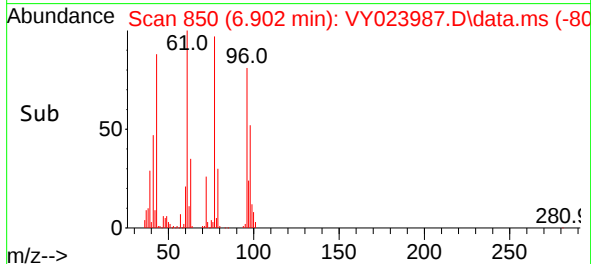
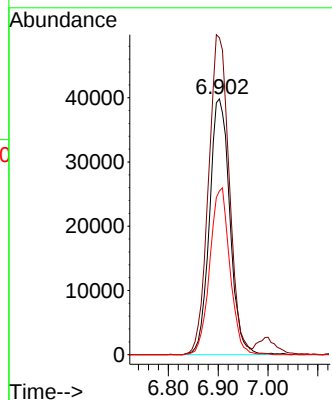
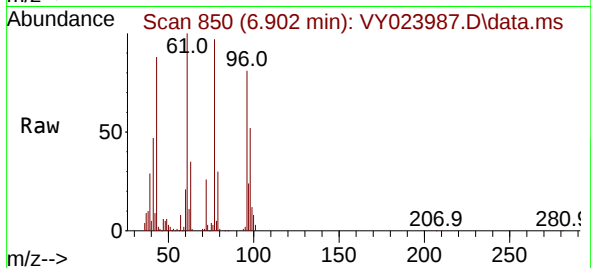




#27
 cis-1,2-Dichloroethene
 Concen: 21.918 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

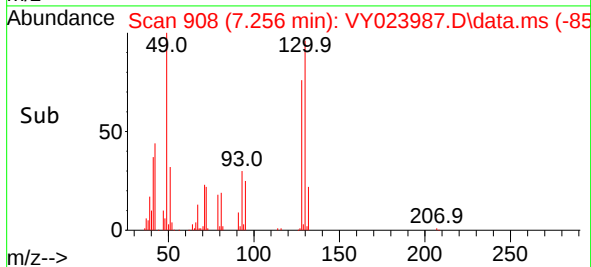
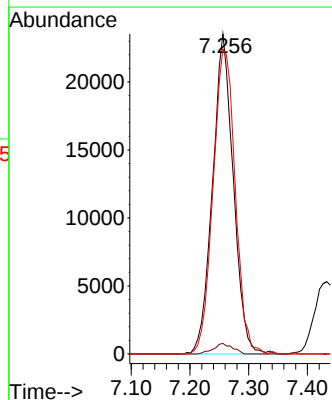
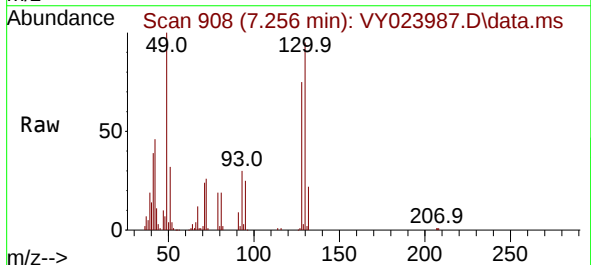
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

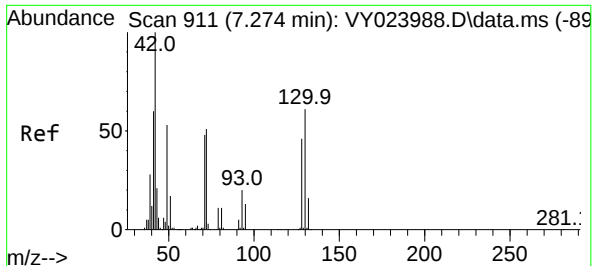
Tgt Ion: 96 Resp: 113126
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 258.8
 98 64.0 0.0 129.2



#28
 Bromochloromethane
 Concen: 19.822 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

Tgt Ion: 49 Resp: 57733
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.4
 130 101.4 80.3 120.5





#29

Tetrahydrofuran

Concen: 95.728 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

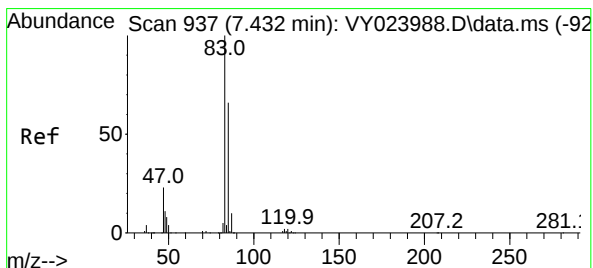
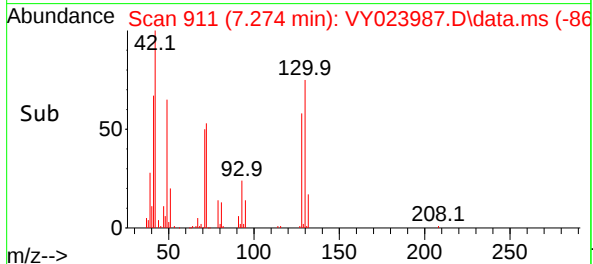
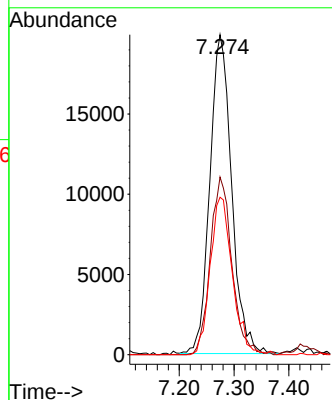
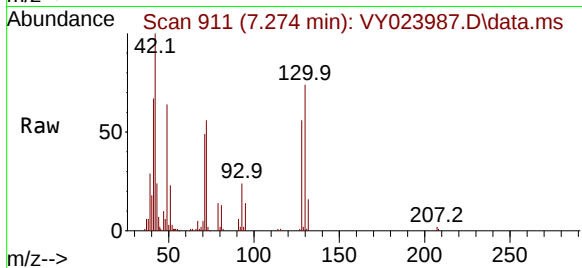
Tgt Ion: 42 Resp: 54801

Ion Ratio Lower Upper

42 100

72 55.3 41.4 62.0

71 50.2 38.6 57.8



#30

Chloroform

Concen: 22.075 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.000 min

Lab File: VY023987.D

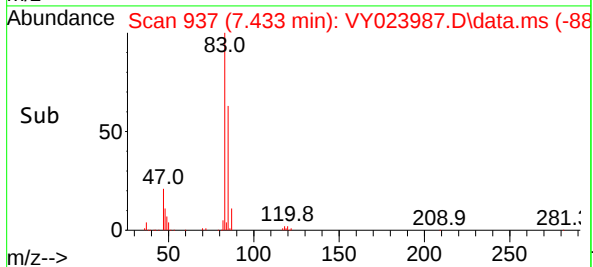
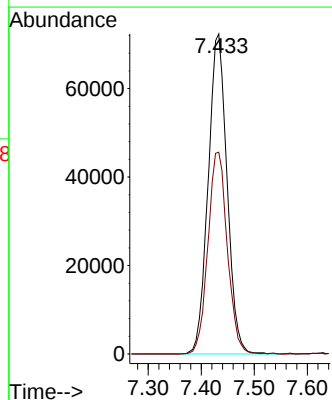
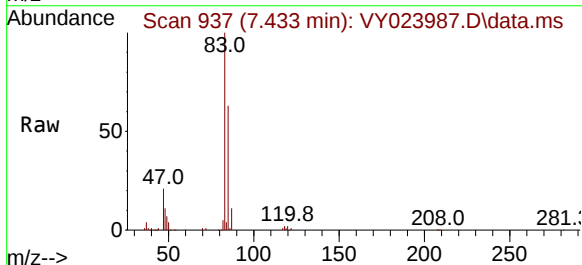
Acq: 16 Dec 2025 14:06

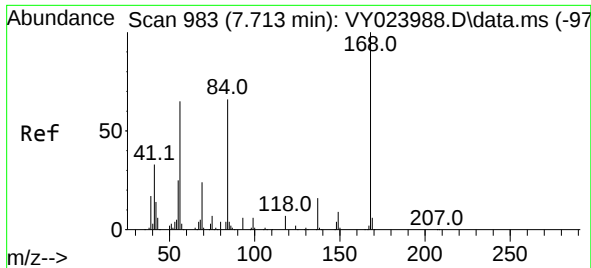
Tgt Ion: 83 Resp: 178727

Ion Ratio Lower Upper

83 100

85 63.1 52.6 78.8

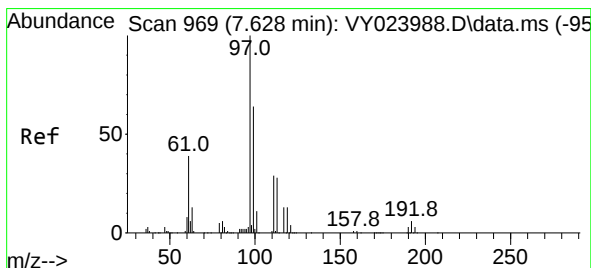
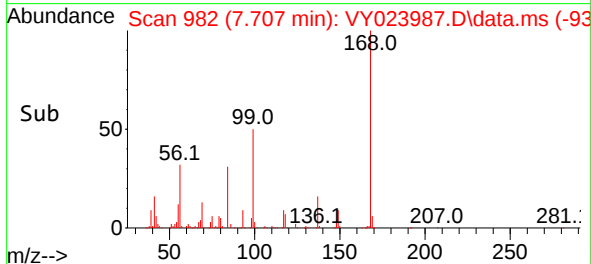
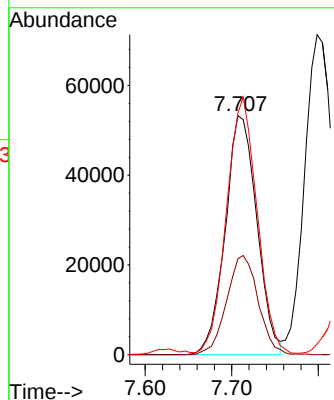
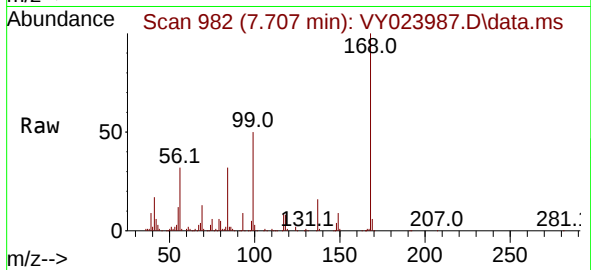




#31
Cyclohexane
Concen: 20.971 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

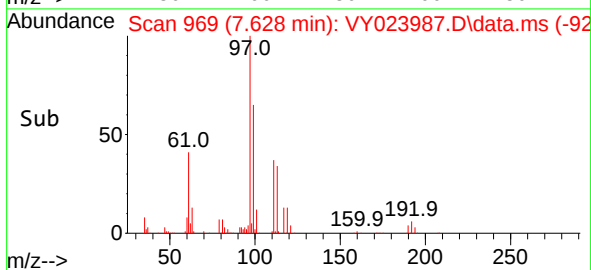
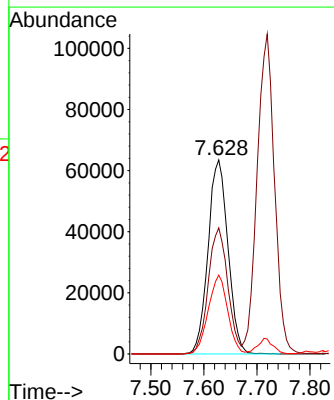
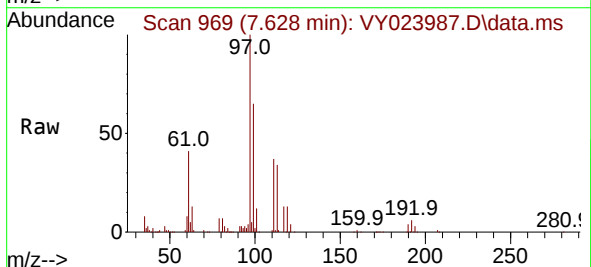
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

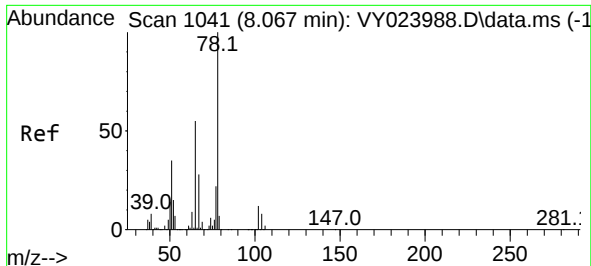
Tgt Ion: 56 Resp: 135220
Ion Ratio Lower Upper
56 100
69 40.1 30.0 45.0
84 99.9 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 22.050 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 97 Resp: 165605
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 39.7 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 21.450 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

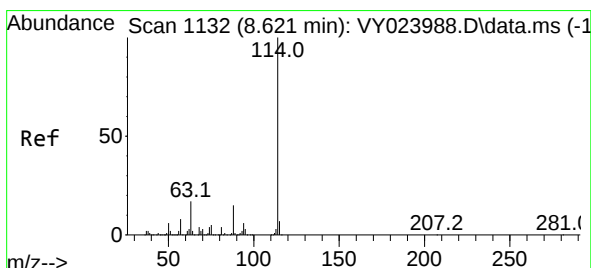
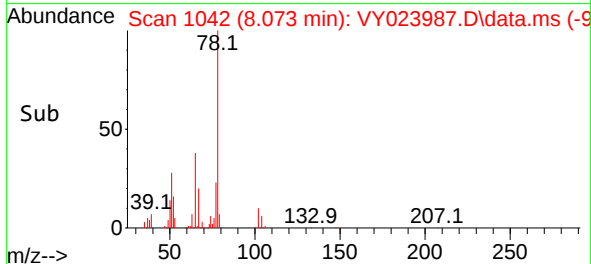
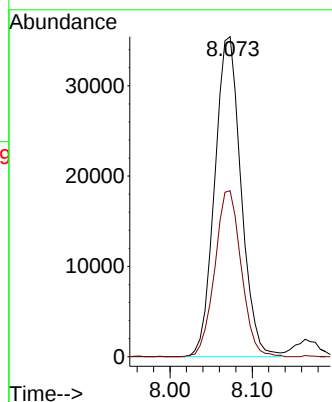
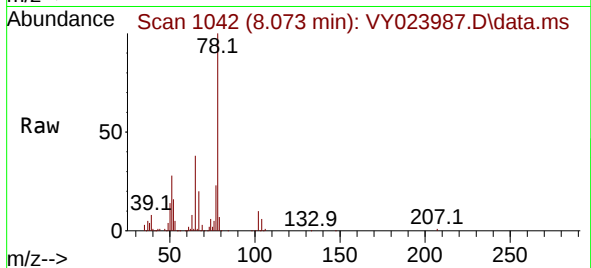
VSTDIC020

Tgt Ion: 65 Resp: 79018

Ion Ratio Lower Upper

65 100

67 52.0 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: VY023987.D

Acq: 16 Dec 2025 14:06

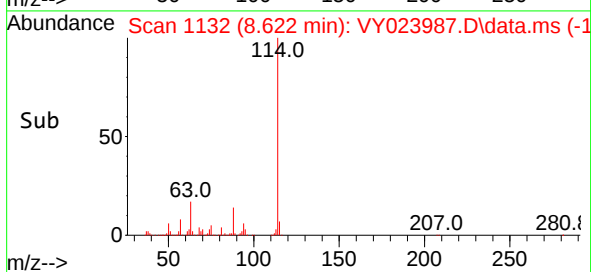
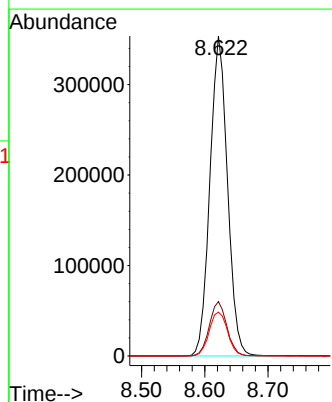
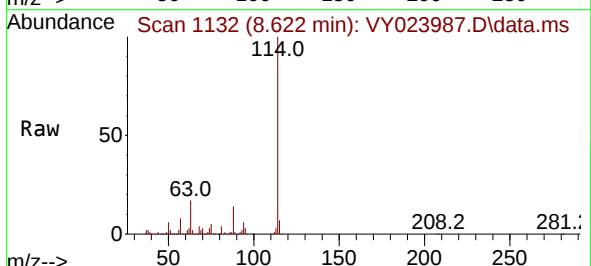
Tgt Ion:114 Resp: 682013

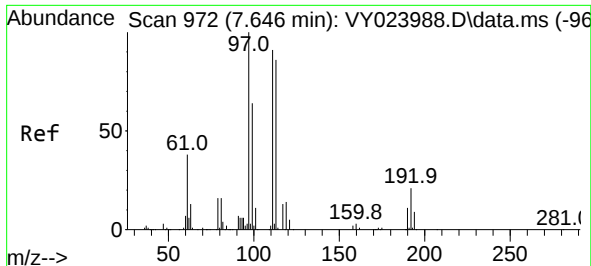
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.6

88 13.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 22.430 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

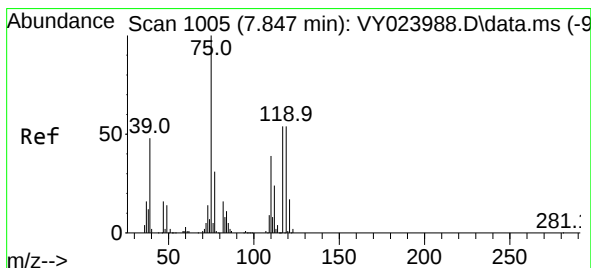
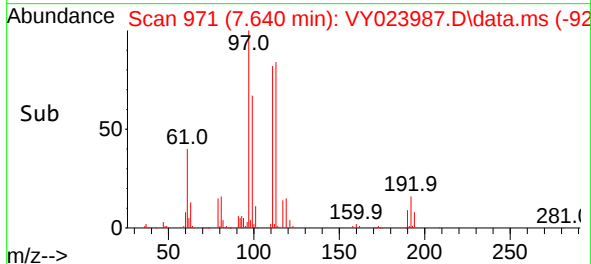
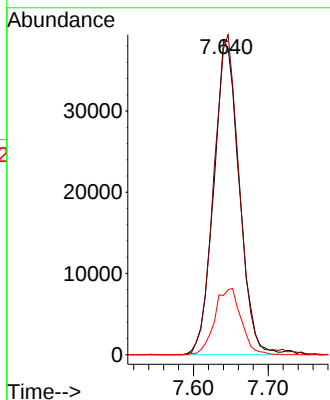
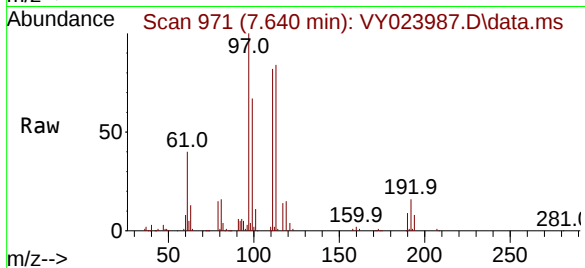
Tgt Ion:113 Resp: 91546

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 21.8 18.2 27.4



#36

1,1-Dichloropropene

Concen: 21.911 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

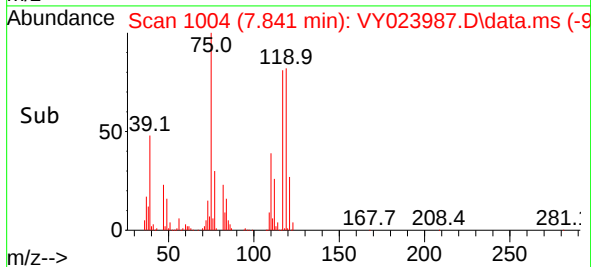
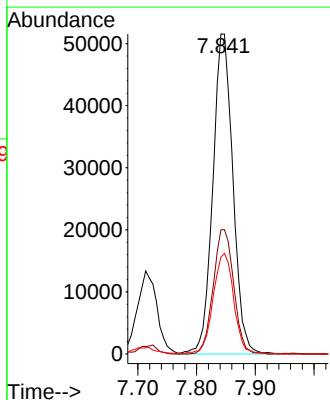
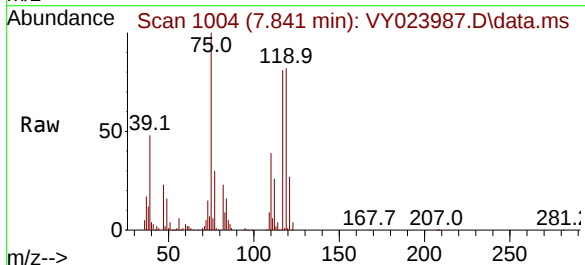
Tgt Ion: 75 Resp: 122576

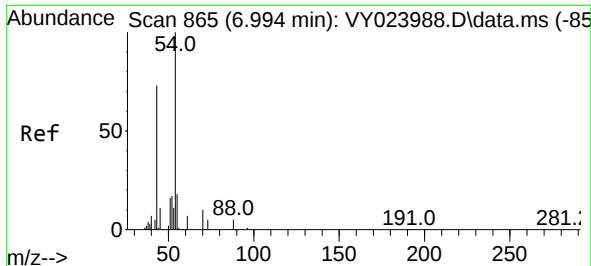
Ion Ratio Lower Upper

75 100

110 39.6 19.6 58.8

77 32.2 25.4 38.0





#37

Ethyl Acetate

Concen: 19.996 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

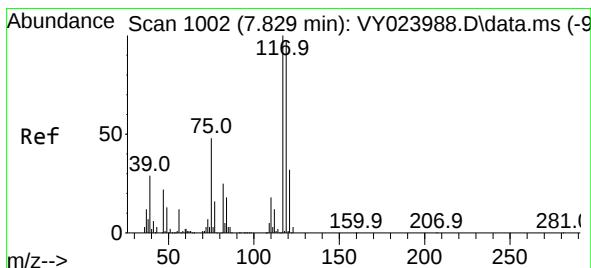
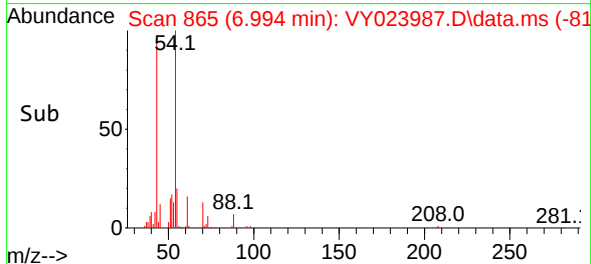
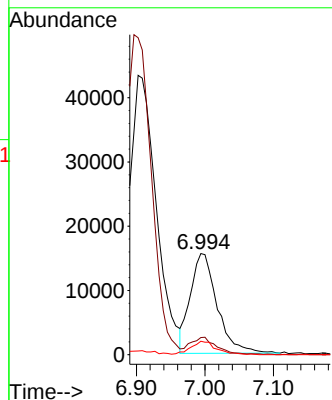
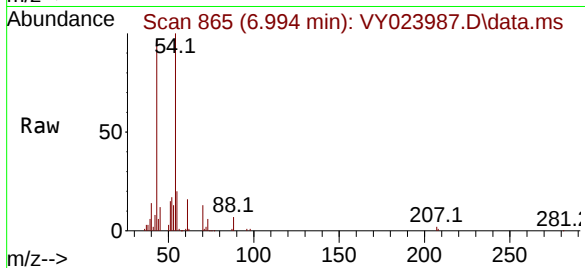
MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 42346

Ion	Ratio	Lower	Upper
43	100		
61	17.8	12.6	18.8
70	12.8	9.0	13.6



#38

Carbon Tetrachloride

Concen: 21.808 ug/l

RT: 7.829 min Scan# 1002

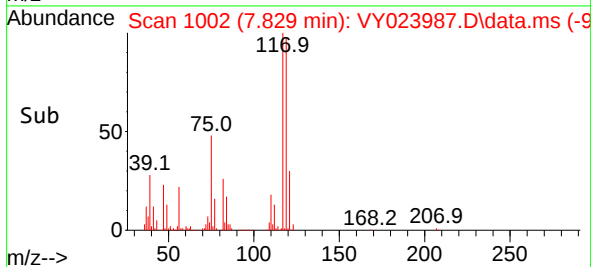
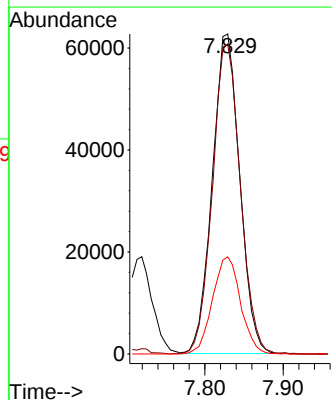
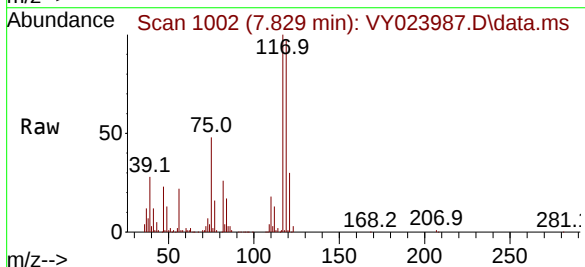
Delta R.T. 0.000 min

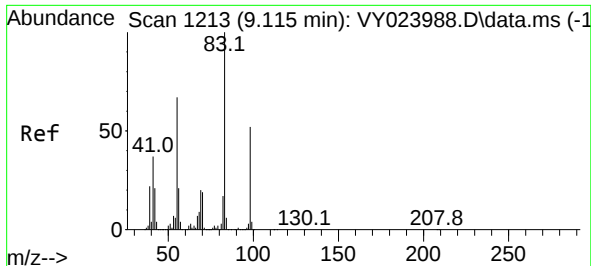
Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Tgt Ion: 117 Resp: 152819

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.7	116.5
121	30.4	25.3	37.9





#39

Methylcyclohexane

Concen: 20.894 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

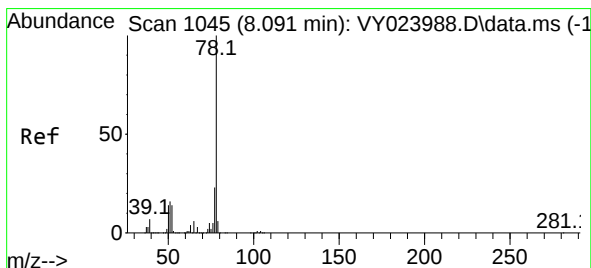
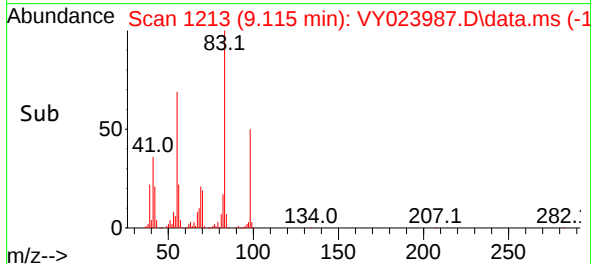
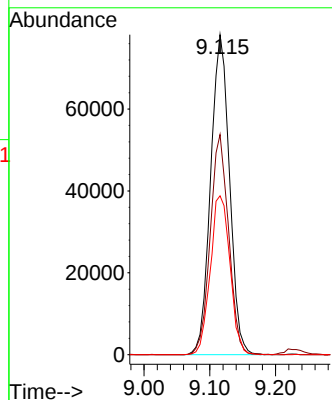
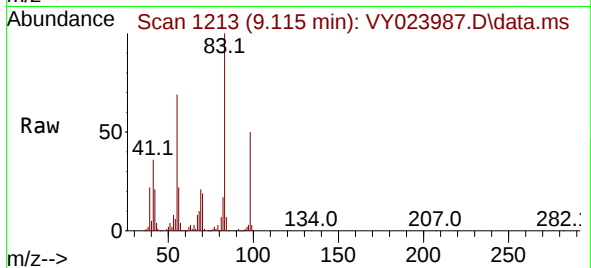
Tgt Ion: 83 Resp: 155847

Ion Ratio Lower Upper

83 100

55 68.8 53.8 80.6

98 49.7 41.3 61.9



#40

Benzene

Concen: 21.850 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY023987.D

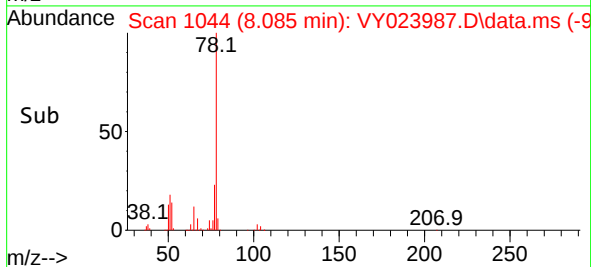
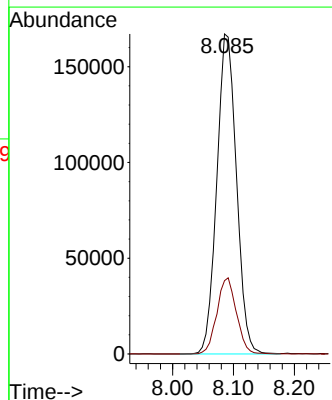
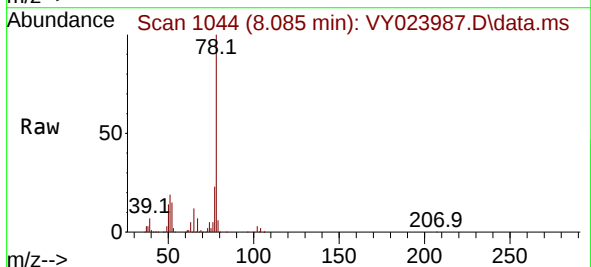
Acq: 16 Dec 2025 14:06

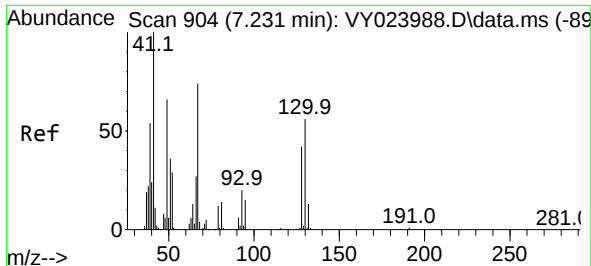
Tgt Ion: 78 Resp: 374777

Ion Ratio Lower Upper

78 100

77 22.9 18.6 27.8

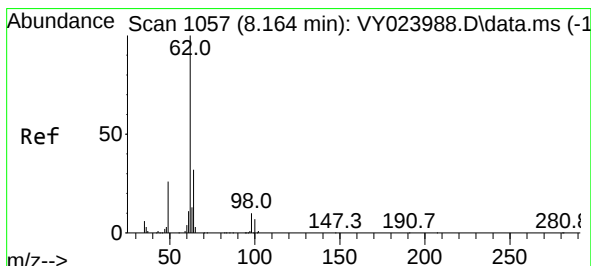
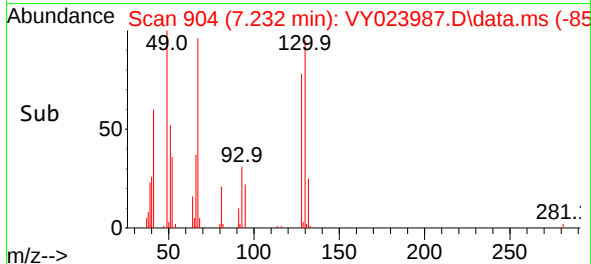
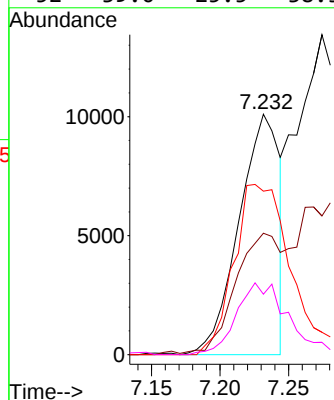
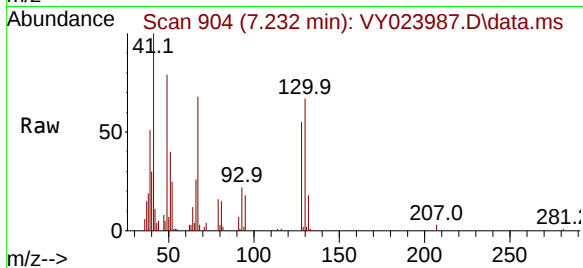




#41
Methacrylonitrile
Concen: 16.325 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

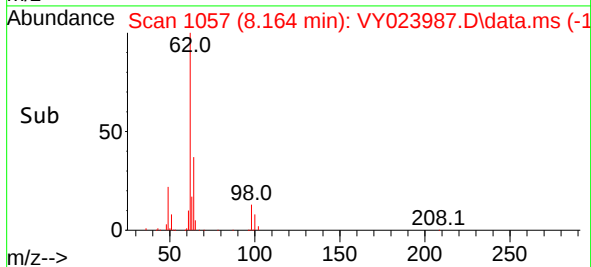
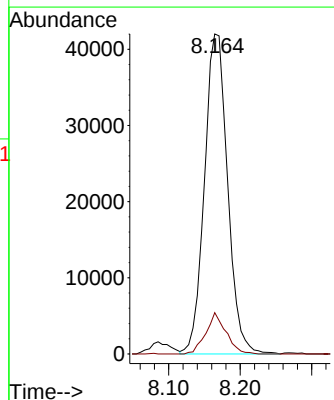
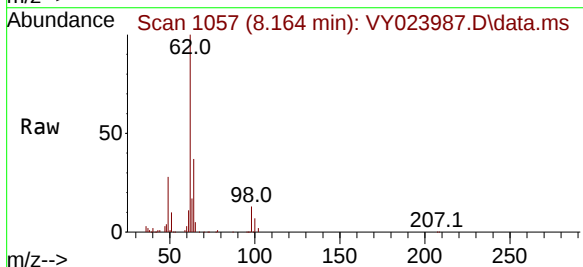
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

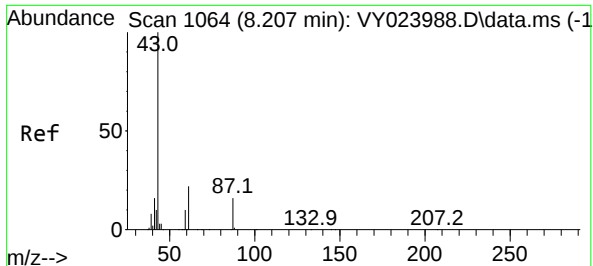
Tgt Ion:	41	Resp:	20876
Ion	Ratio	Lower	Upper
41	100		
39	53.9	37.9	56.9
67	99.8	65.6	98.4#
52	39.0	25.5	38.3#



#42
1,2-Dichloroethane
Concen: 21.410 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:	62	Resp:	94620
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.8

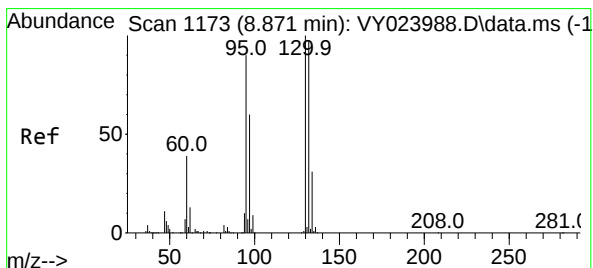
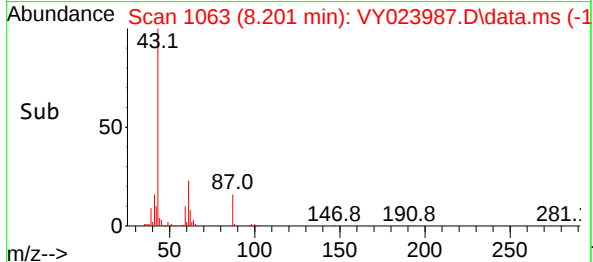
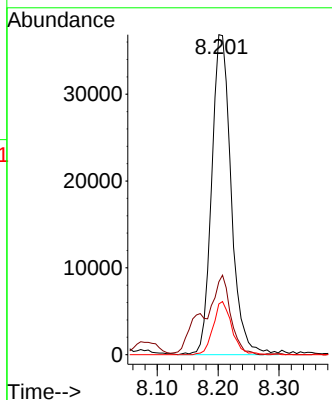
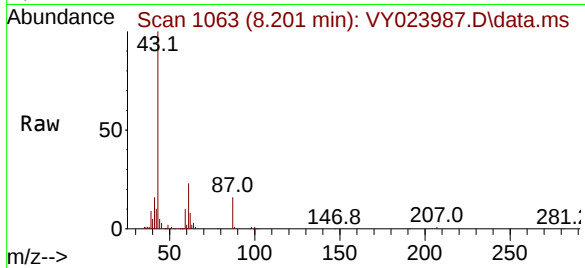




#43
Isopropyl Acetate
Concen: 20.015 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

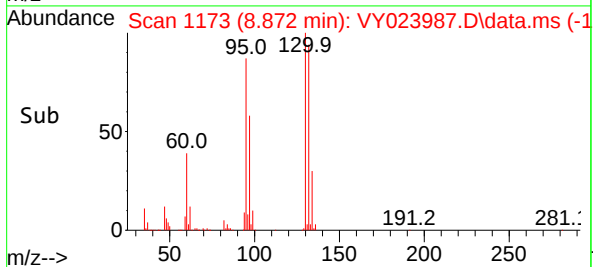
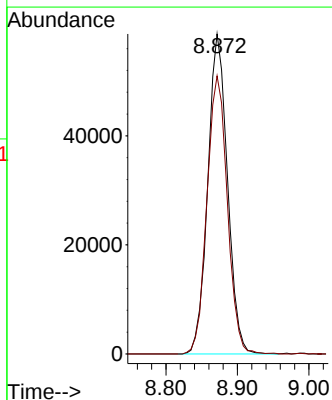
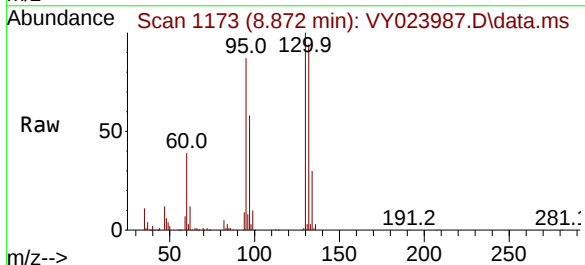
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

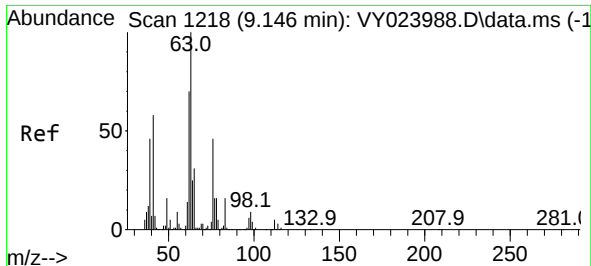
Tgt Ion: 43 Resp: 81989
Ion Ratio Lower Upper
43 100
61 22.1 26.6 39.8#
87 15.9 13.1 19.7



#44
Trichloroethene
Concen: 22.178 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:130 Resp: 112105
Ion Ratio Lower Upper
130 100
95 86.9 0.0 180.2





#45

1,2-Dichloropropane

Concen: 22.358 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

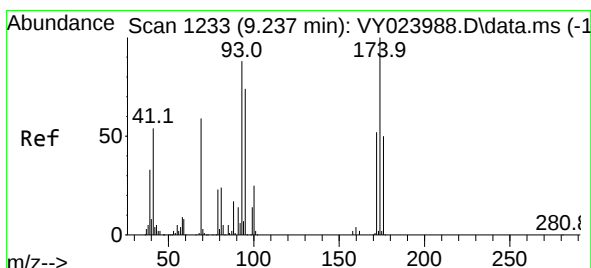
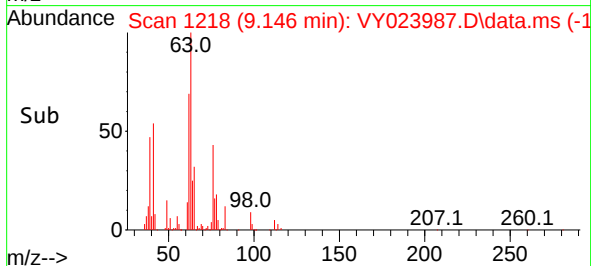
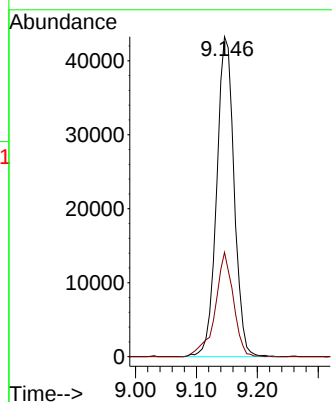
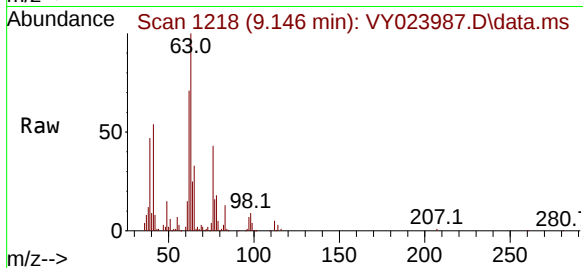
VSTDICC020

Tgt Ion: 63 Resp: 86118

Ion Ratio Lower Upper

63 100

65 32.6 25.0 37.6



#46

Dibromomethane

Concen: 21.486 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

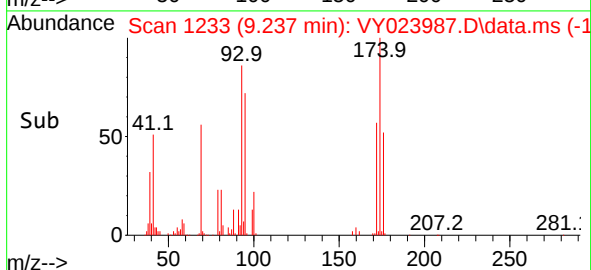
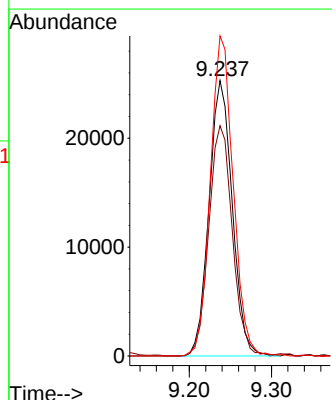
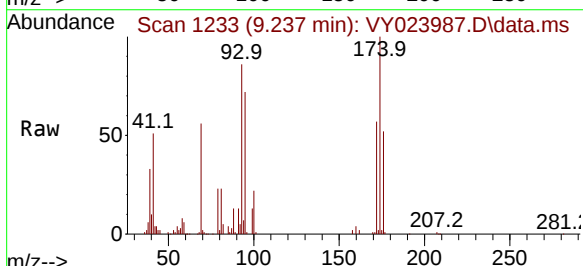
Tgt Ion: 93 Resp: 49628

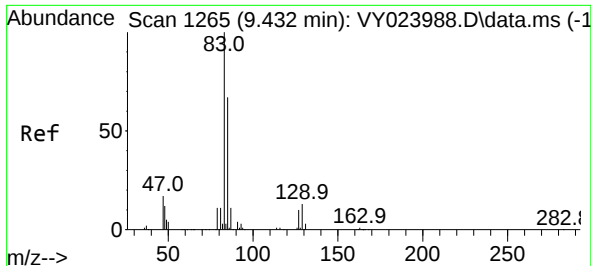
Ion Ratio Lower Upper

93 100

95 84.6 67.4 101.2

174 114.2 94.6 141.8

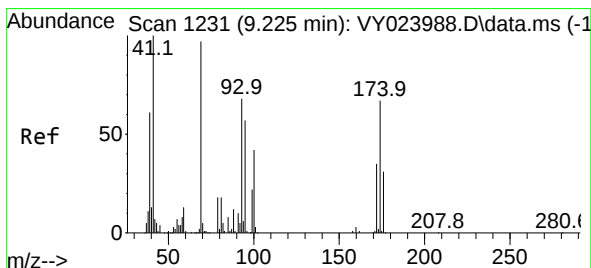
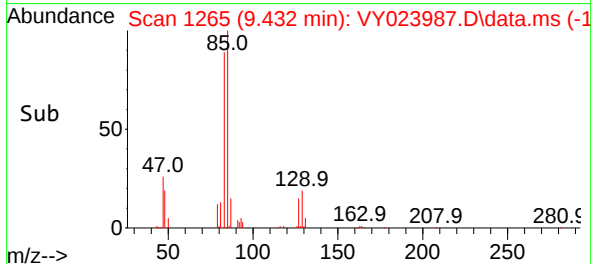
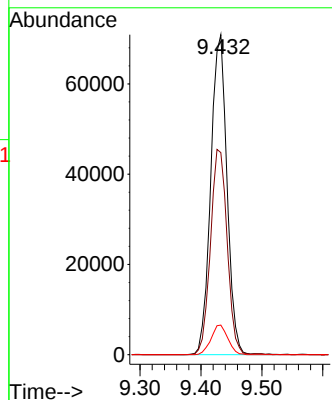
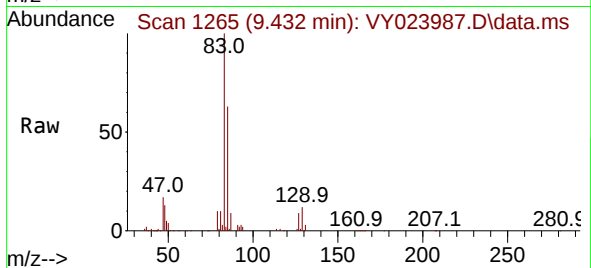




#47
Bromodichloromethane
Concen: 21.851 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

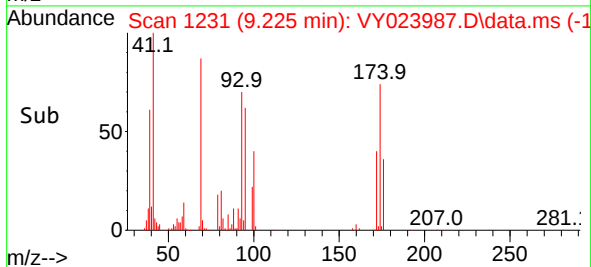
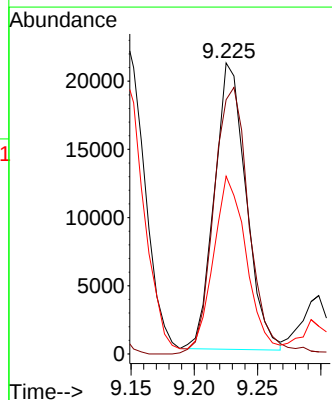
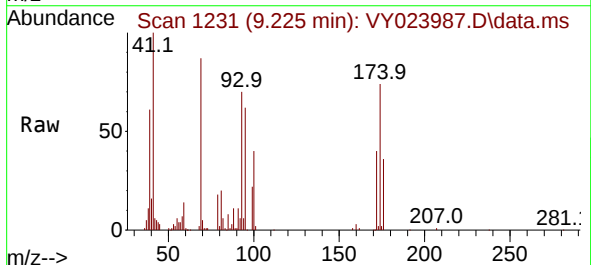
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

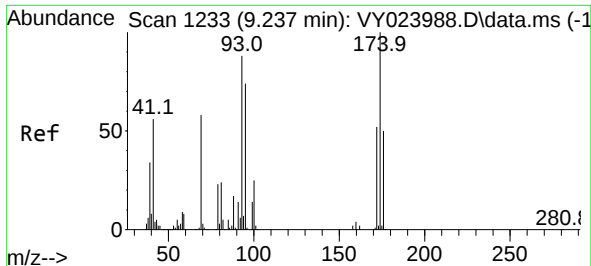
Tgt Ion: 83 Resp: 130943
Ion Ratio Lower Upper
83 100
85 63.2 53.5 80.3
127 9.3 7.8 11.6



#48
Methyl methacrylate
Concen: 18.363 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 41 Resp: 36663
Ion Ratio Lower Upper
41 100
69 103.6 78.2 117.4
39 61.5 47.2 70.8





#49

1,4-Dioxane

Concen: 383.504 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

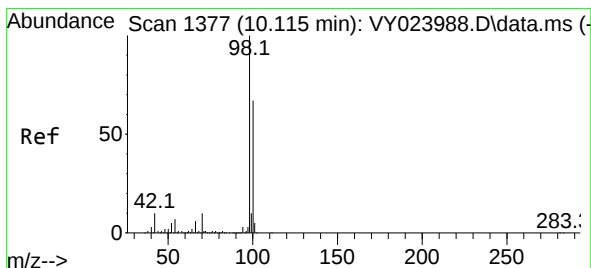
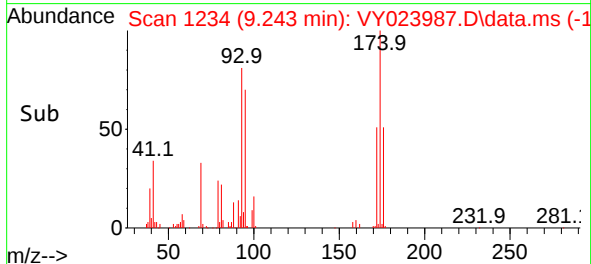
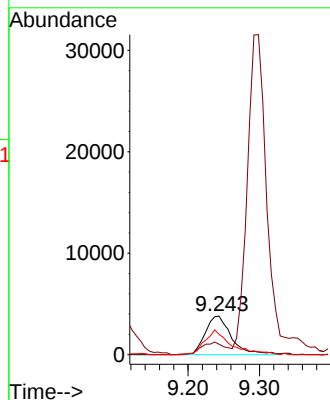
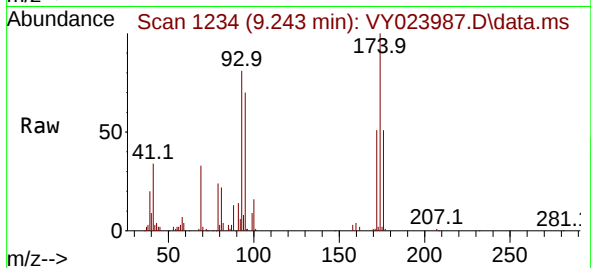
Tgt Ion: 88 Resp: 9648

Ion Ratio Lower Upper

88 100

43 31.0 21.0 31.4

58 64.3 48.9 73.3



#50

Toluene-d8

Concen: 22.491 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY023987.D

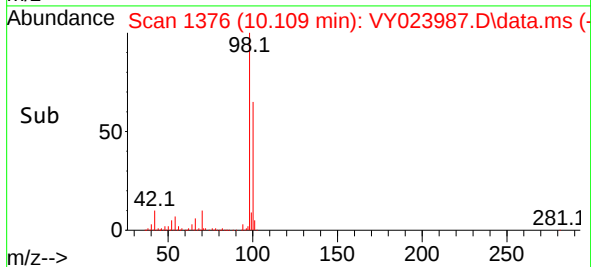
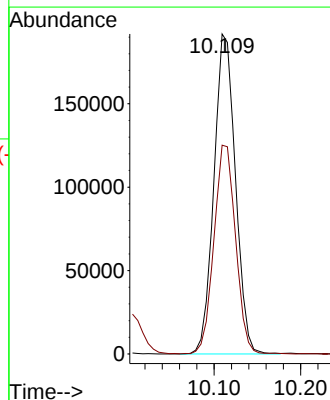
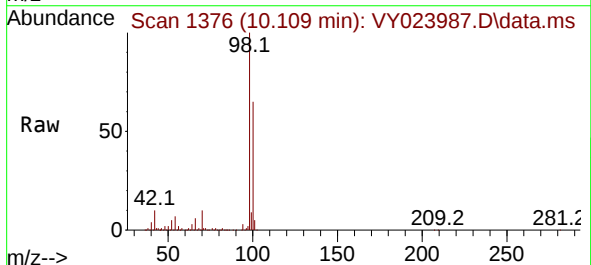
Acq: 16 Dec 2025 14:06

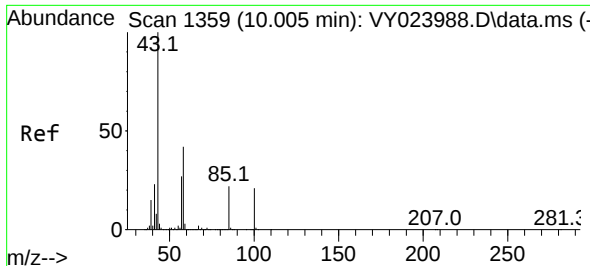
Tgt Ion: 98 Resp: 331238

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6

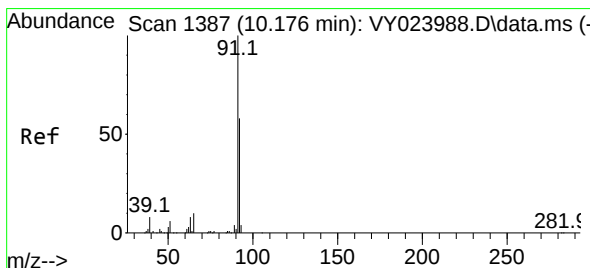
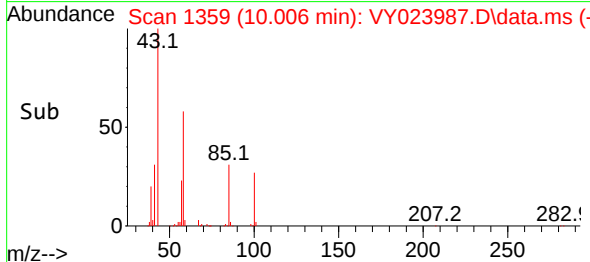
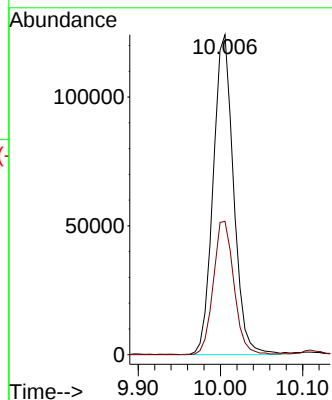
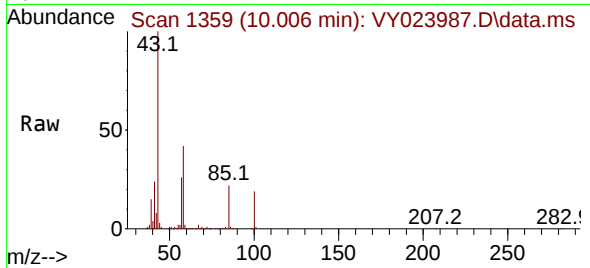




#51
4-Methyl-2-Pentanone
Concen: 99.508 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

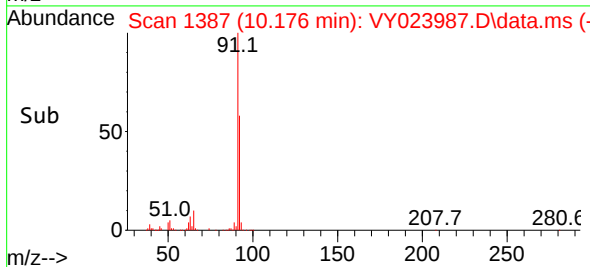
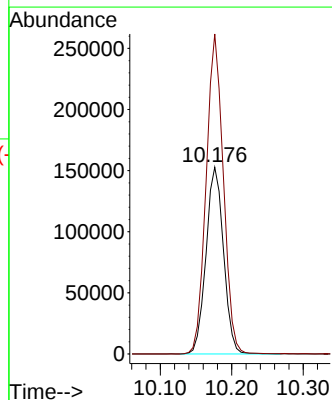
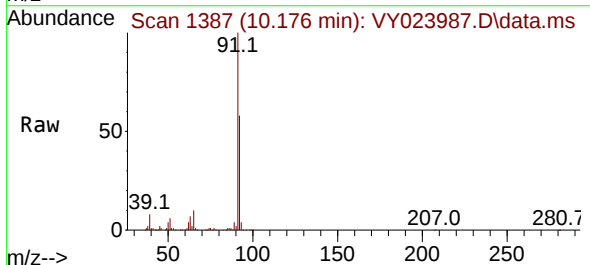
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

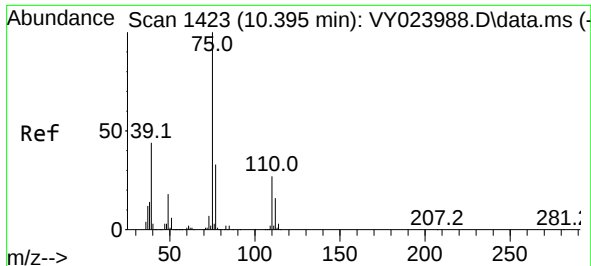
Tgt Ion: 43 Resp: 213370
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.4



#52
Toluene
Concen: 21.737 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 92 Resp: 259551
Ion Ratio Lower Upper
92 100
91 168.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 20.833 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

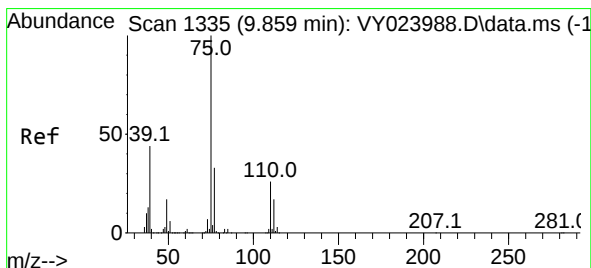
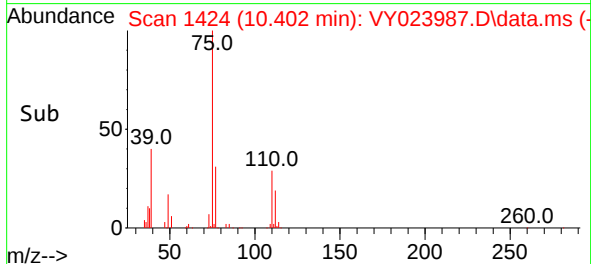
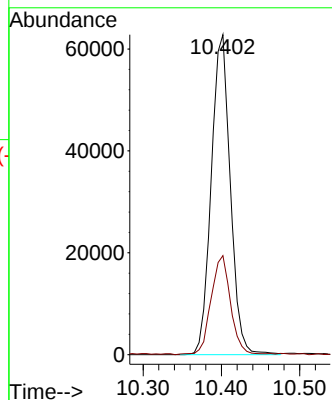
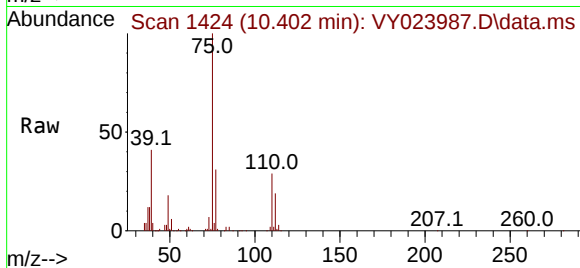
VSTDIC020

Tgt Ion: 75 Resp: 106112

Ion Ratio Lower Upper

75 100

77 30.7 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 21.623 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

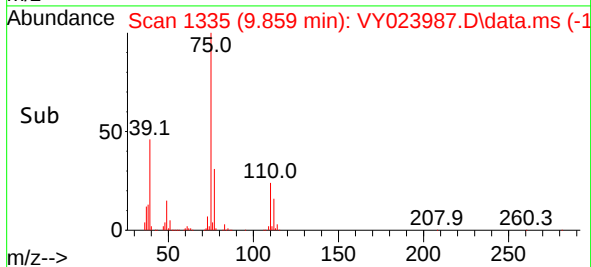
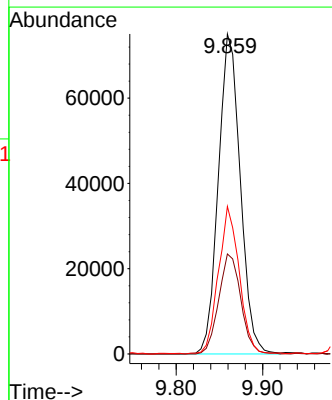
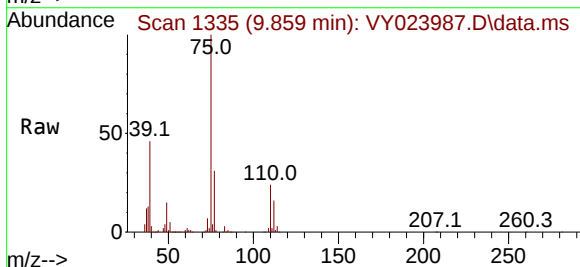
Tgt Ion: 75 Resp: 131949

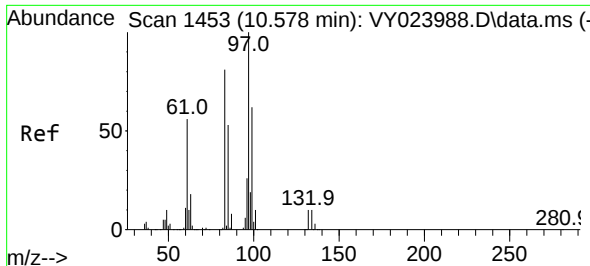
Ion Ratio Lower Upper

75 100

77 31.3 26.1 39.1

39 45.9 35.2 52.8

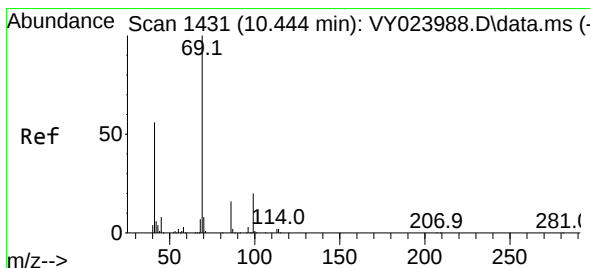
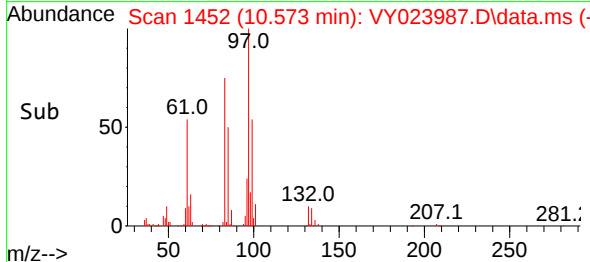
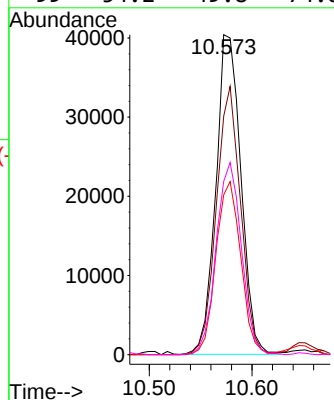
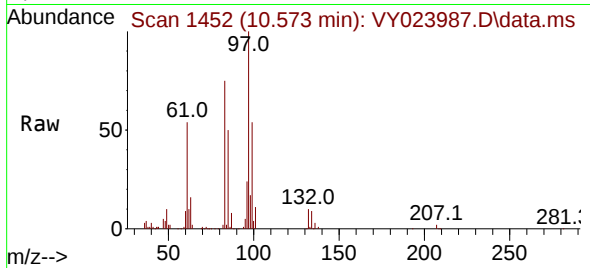




#55
1,1,2-Trichloroethane
Concen: 21.590 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

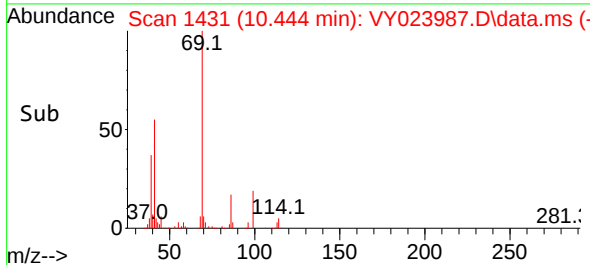
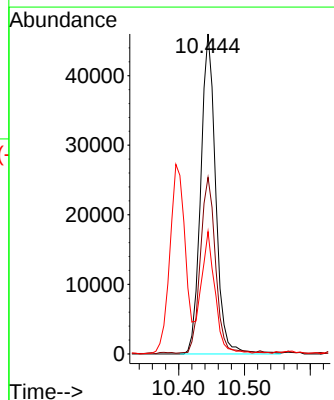
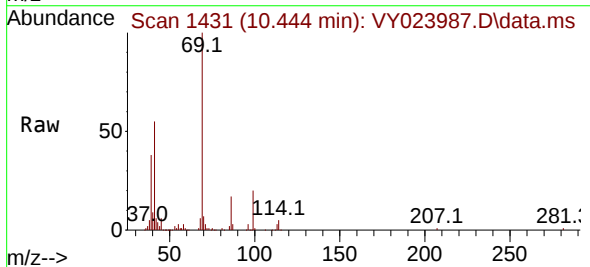
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

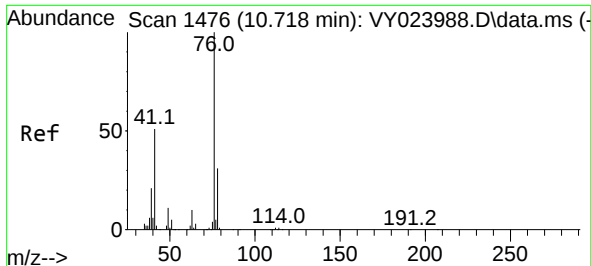
Tgt Ion:	97	Resp:	68495
Ion	Ratio	Lower	Upper
97	100		
83	74.7	64.5	96.7
85	50.0	42.0	63.0
99	54.2	49.8	74.8



#56
Ethyl methacrylate
Concen: 18.168 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:	69	Resp:	72848
Ion	Ratio	Lower	Upper
69	100		
41	55.4	46.2	69.4
39	35.4	28.1	42.1





#57

1,3-Dichloropropane

Concen: 21.430 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

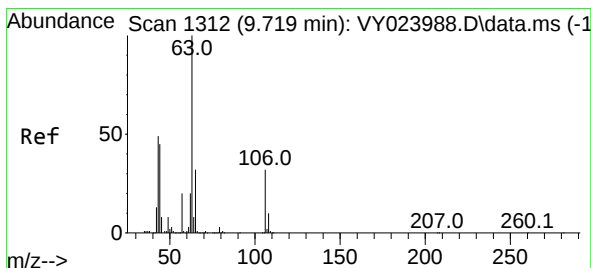
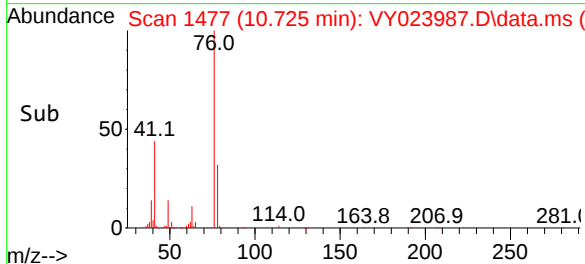
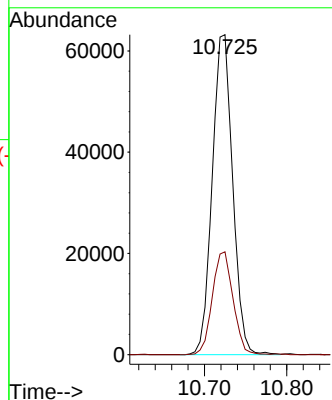
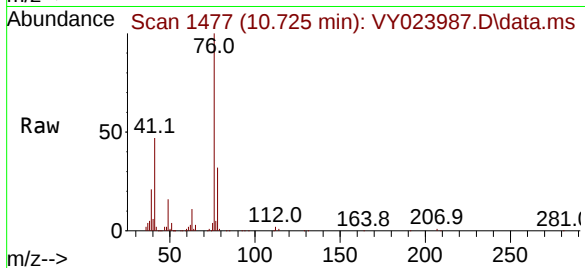
VSTDICC020

Tgt Ion: 76 Resp: 109002

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 113.284 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY023987.D

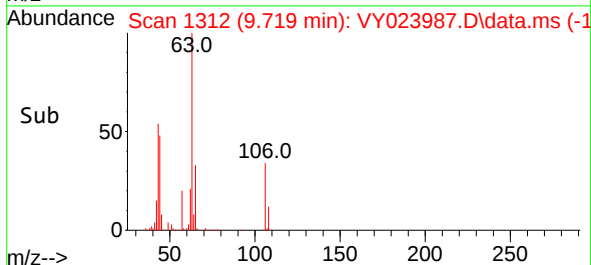
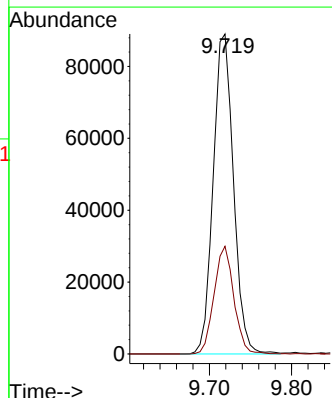
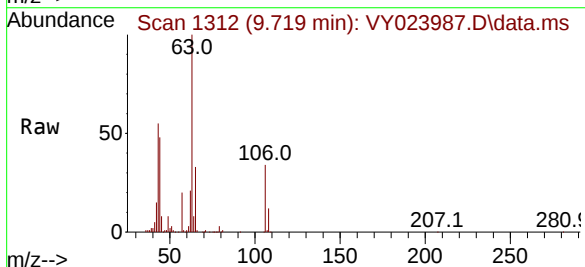
Acq: 16 Dec 2025 14:06

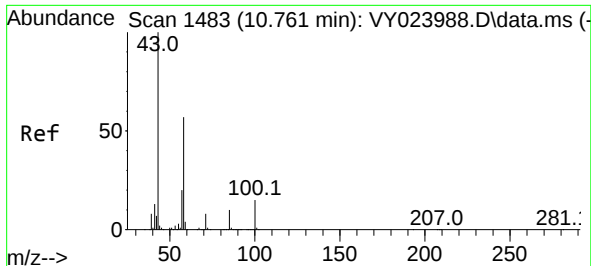
Tgt Ion: 63 Resp: 152235

Ion Ratio Lower Upper

63 100

106 32.9 25.8 38.8

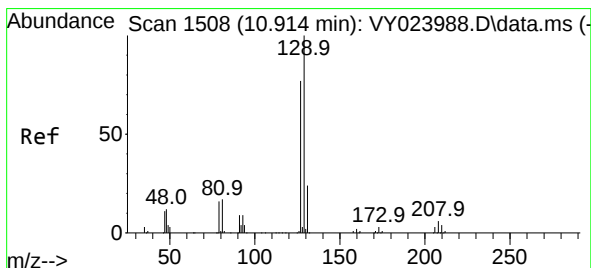
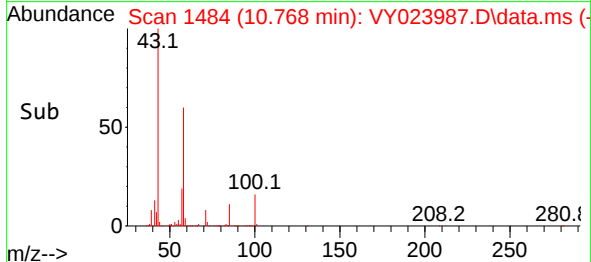
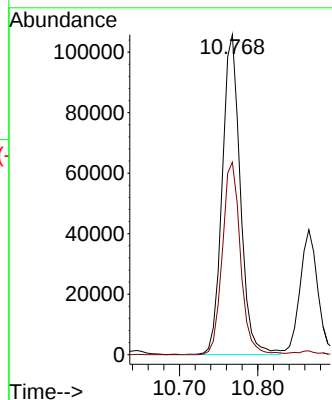
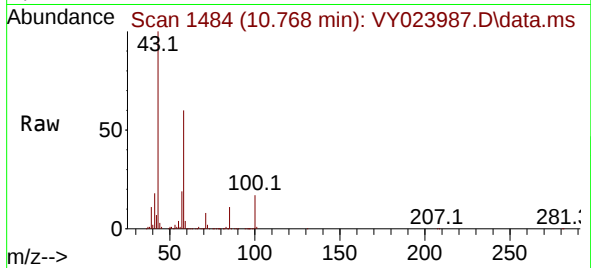




#59
2-Hexanone
Concen: 105.474 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

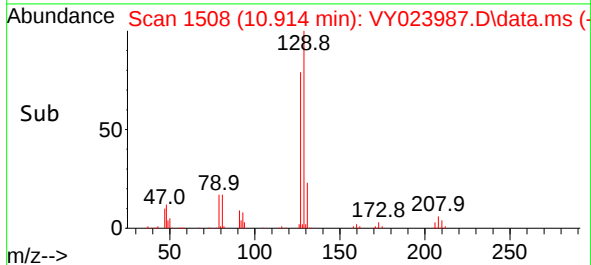
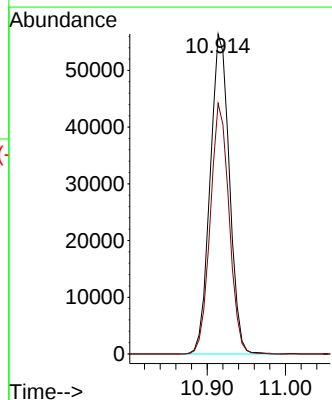
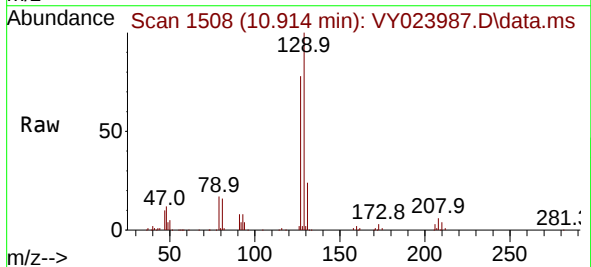
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

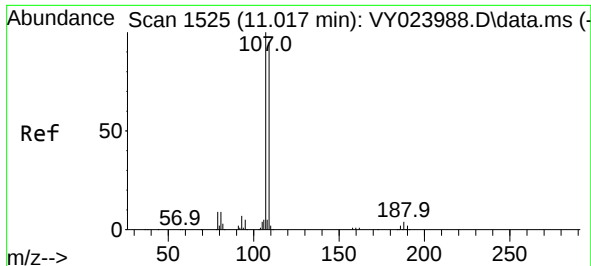
Tgt Ion: 43 Resp: 169961
Ion Ratio Lower Upper
43 100
58 60.3 29.6 88.9



#60
Dibromochloromethane
Concen: 21.552 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 129 Resp: 96156
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

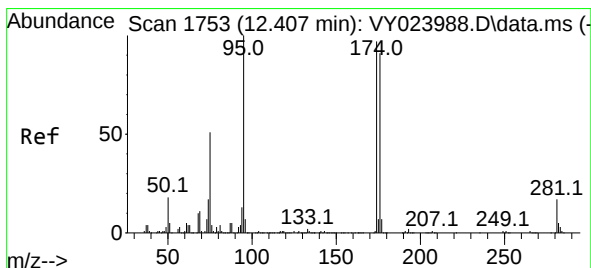
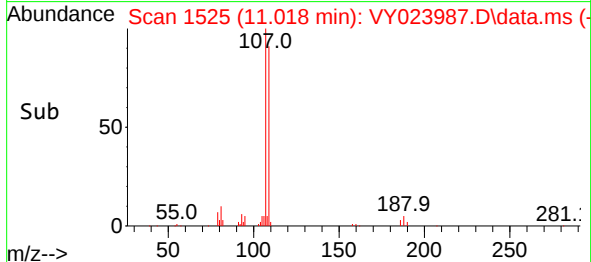
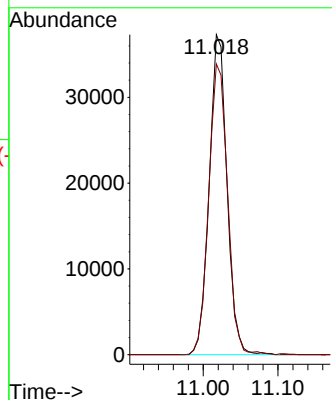
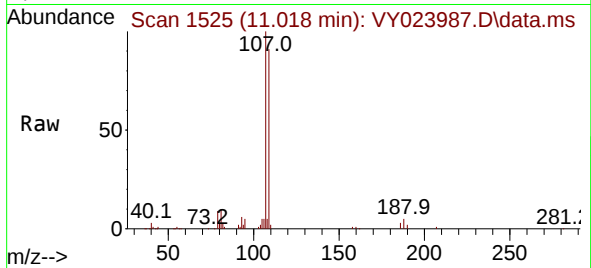




#61
1,2-Dibromoethane
Concen: 20.993 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

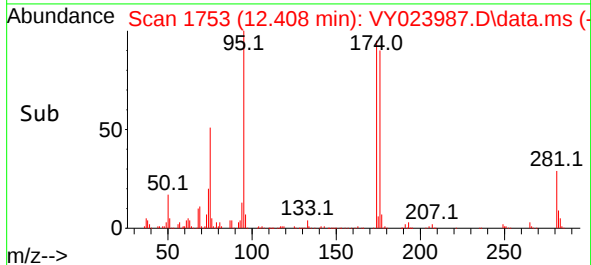
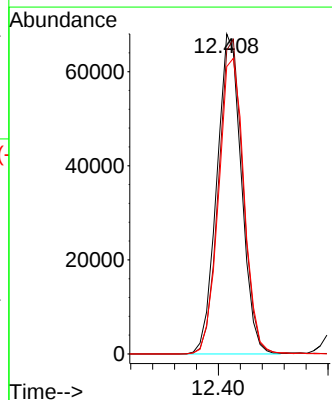
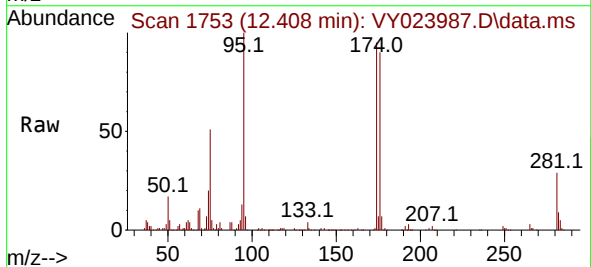
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

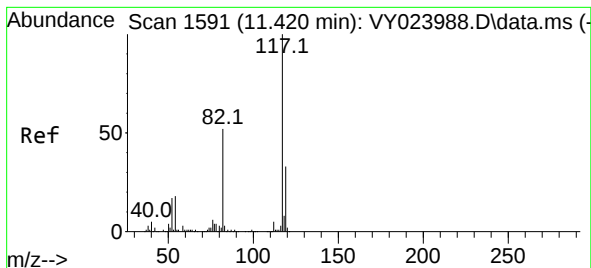
Tgt Ion:107 Resp: 61667
Ion Ratio Lower Upper
107 100
109 96.2 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 21.922 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 95 Resp: 105820
Ion Ratio Lower Upper
95 100
174 97.8 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: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

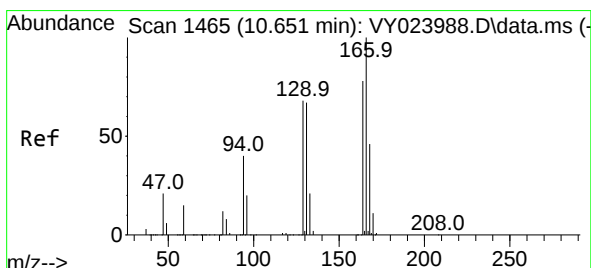
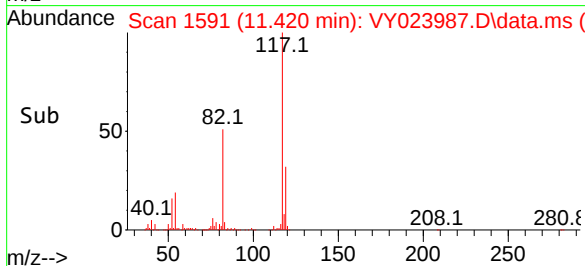
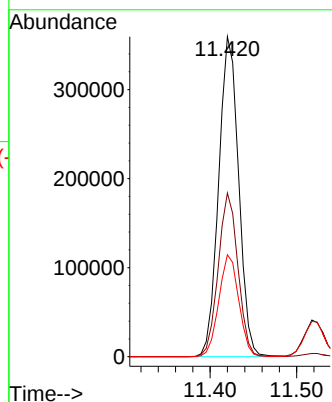
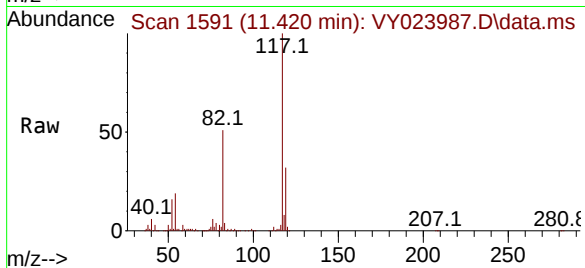
Tgt Ion:117 Resp: 575987

Ion Ratio Lower Upper

117 100

82 51.1 41.6 62.4

119 31.8 26.2 39.2



#64

Tetrachloroethene

Concen: 22.804 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Tgt Ion:164 Resp: 134766

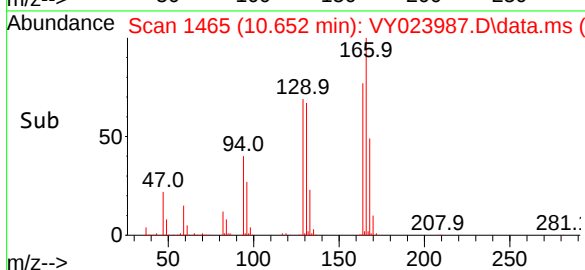
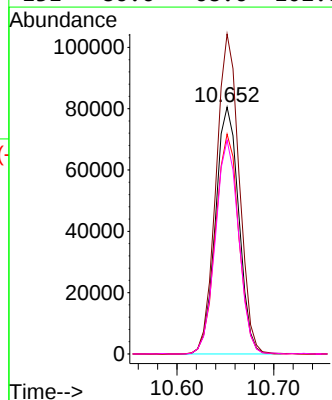
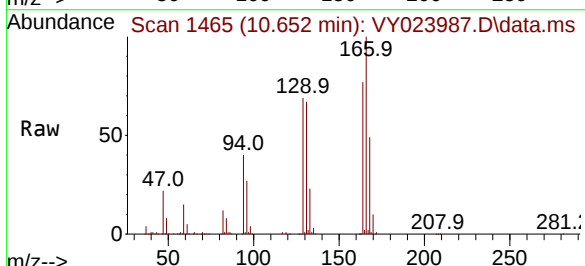
Ion Ratio Lower Upper

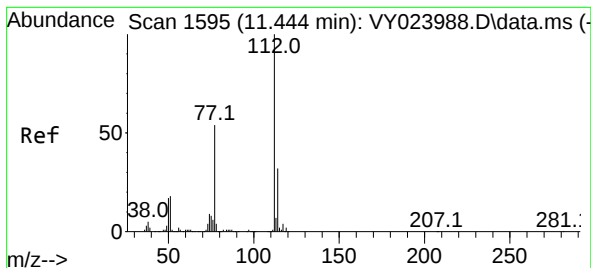
164 100

166 129.6 102.7 154.1

129 89.0 69.8 104.8

131 86.6 68.6 102.8





#65

Chlorobenzene

Concen: 22.344 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

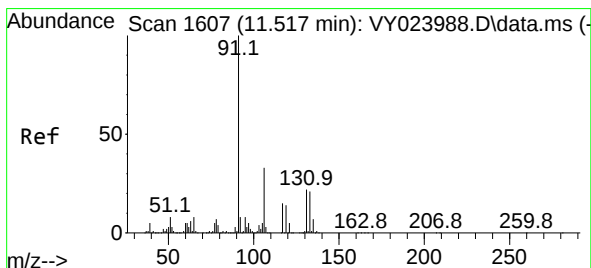
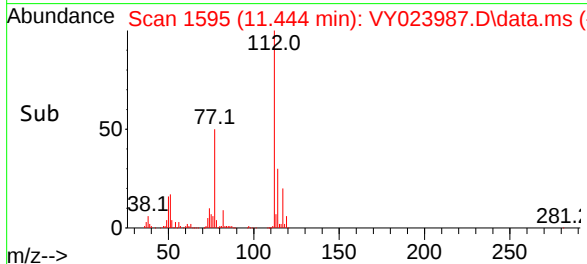
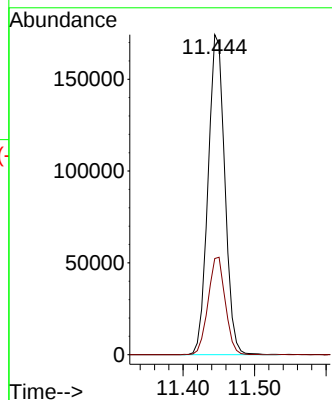
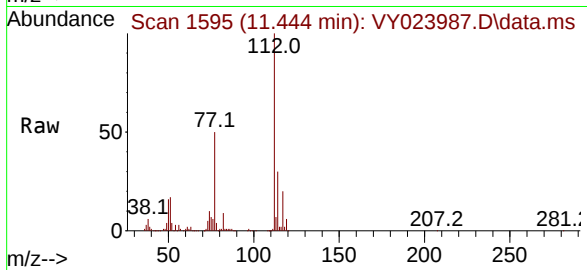
VSTDICC020

Tgt Ion:112 Resp: 283227

Ion Ratio Lower Upper

112 100

114 30.1 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 22.344 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

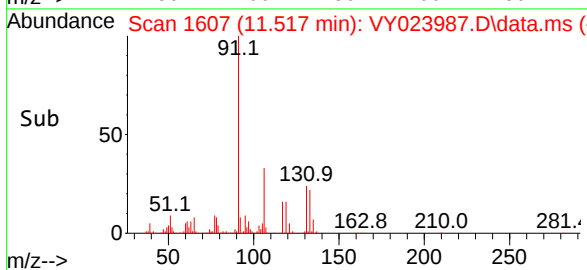
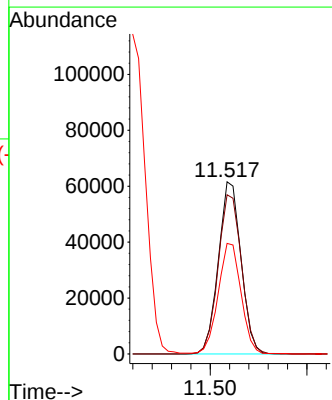
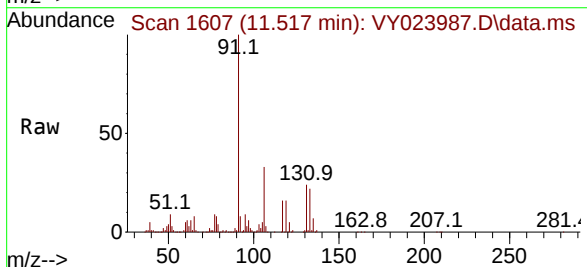
Tgt Ion:131 Resp: 99962

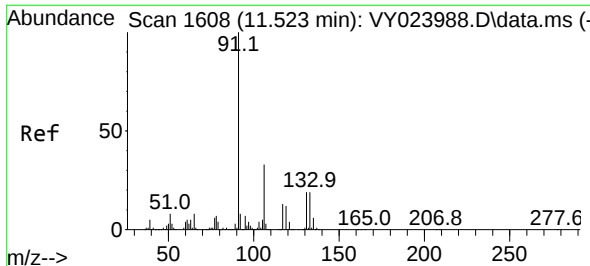
Ion Ratio Lower Upper

131 100

133 95.8 48.4 145.0

119 65.1 32.4 97.2





#67

Ethyl Benzene

Concen: 21.847 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

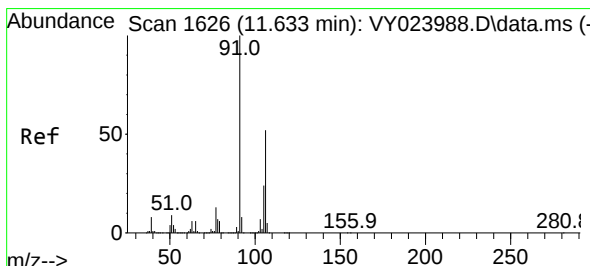
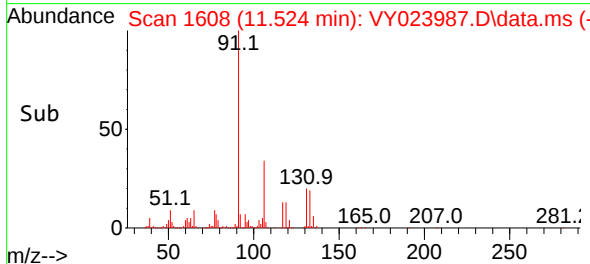
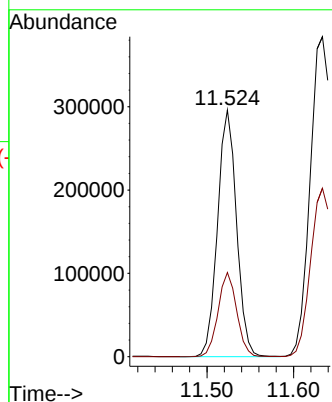
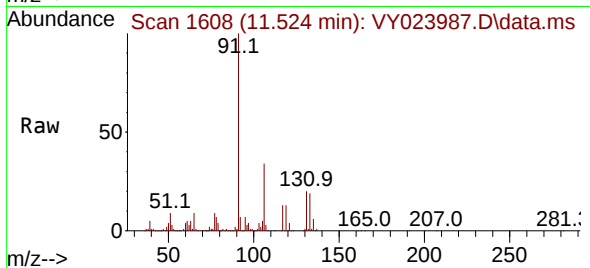
VSTDIC020

Tgt Ion: 91 Resp: 450520

Ion Ratio Lower Upper

91 100

106 34.1 26.2 39.2



#68

m/p-Xylenes

Concen: 44.344 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023987.D

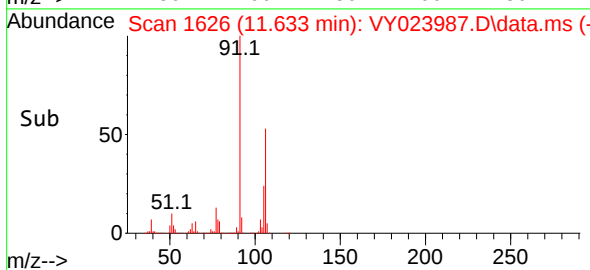
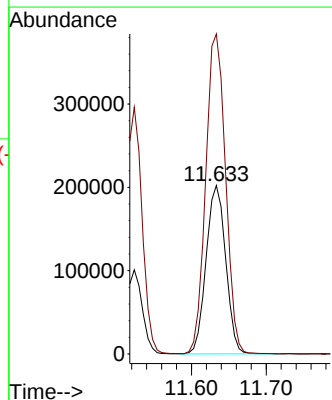
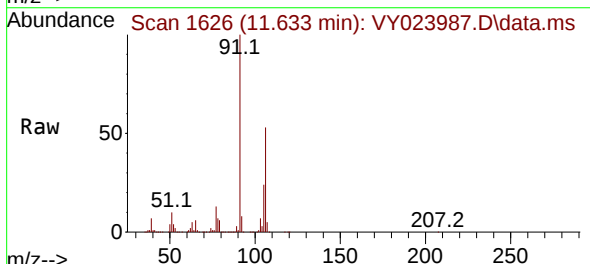
Acq: 16 Dec 2025 14:06

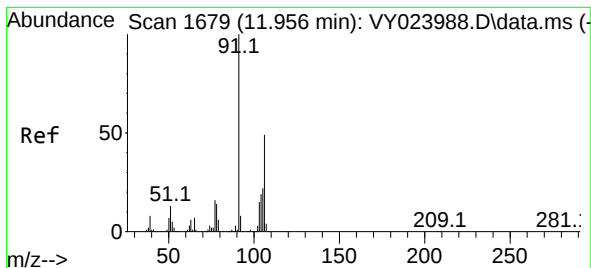
Tgt Ion:106 Resp: 367280

Ion Ratio Lower Upper

106 100

91 192.3 153.8 230.6

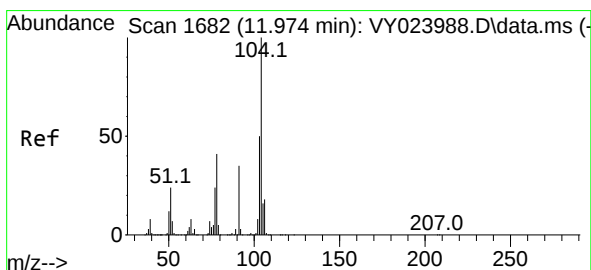
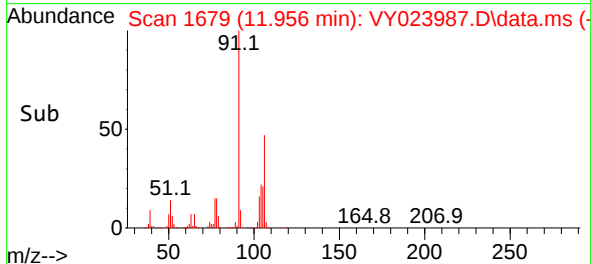
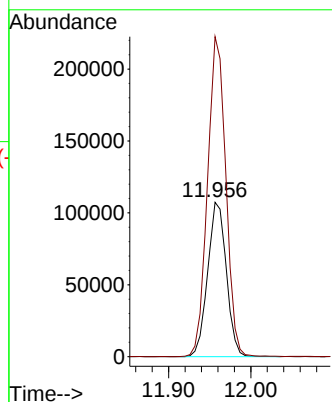
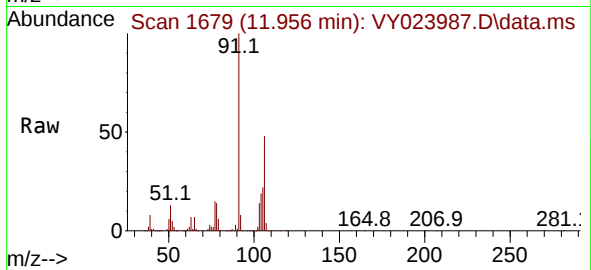




#69
o-Xylene
Concen: 22.006 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

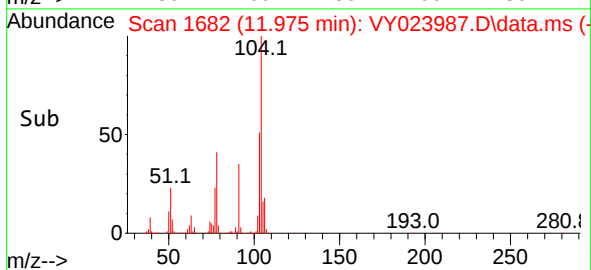
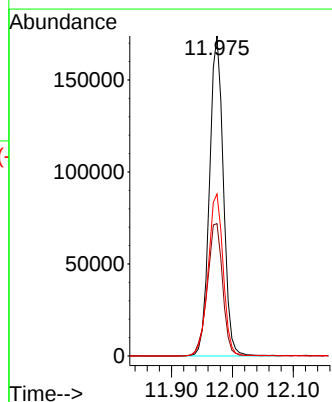
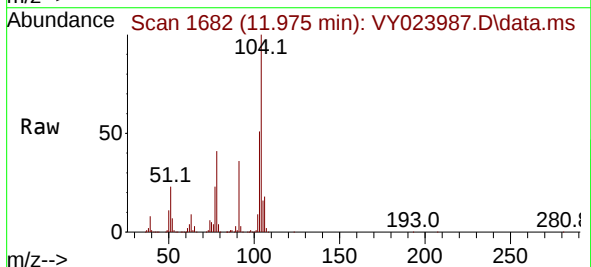
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

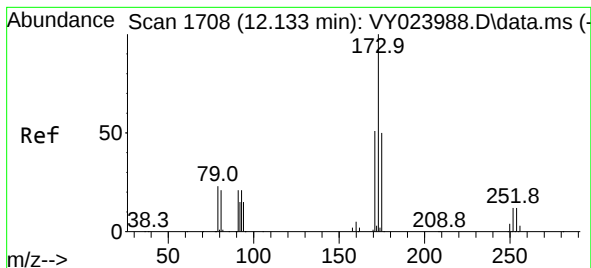
Tgt Ion:106 Resp: 169534
Ion Ratio Lower Upper
106 100
91 203.7 101.4 304.3



#70
Styrene
Concen: 22.268 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:104 Resp: 275342
Ion Ratio Lower Upper
104 100
78 45.9 37.2 55.8
103 54.7 43.7 65.5





#71

Bromoform

Concen: 21.290 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

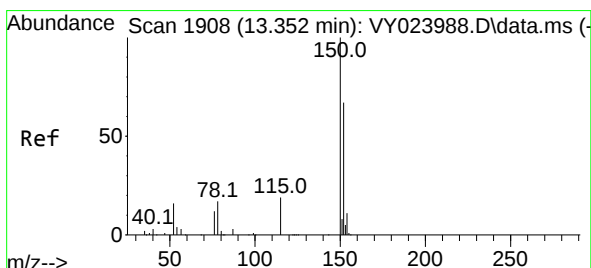
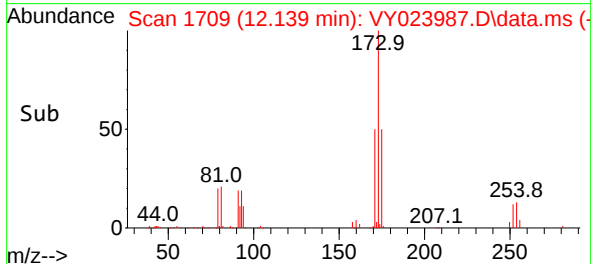
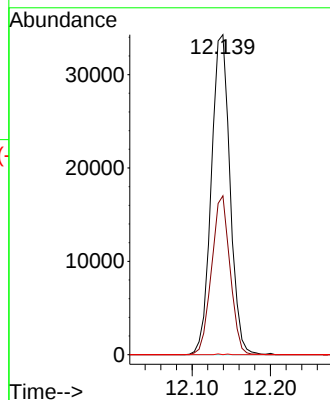
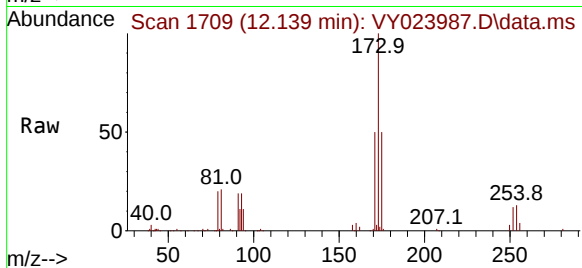
Tgt Ion:173 Resp: 56823

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

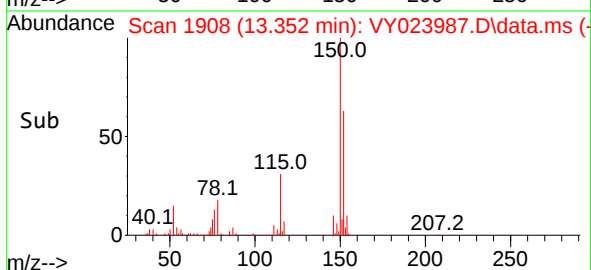
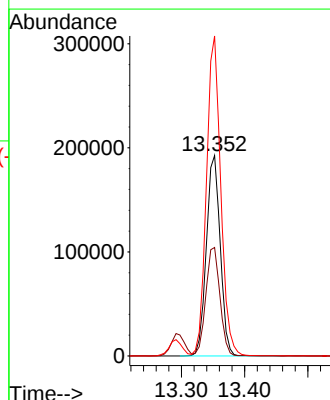
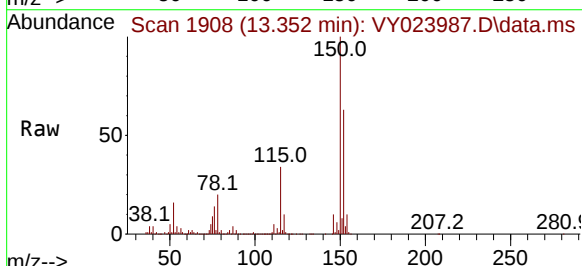
Tgt Ion:152 Resp: 294623

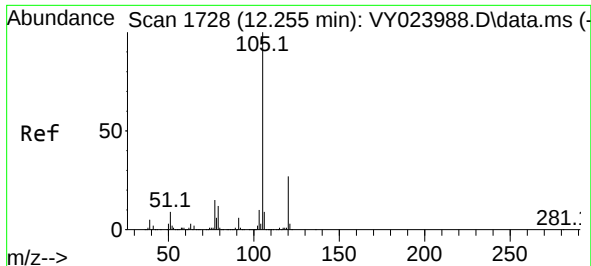
Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.5

150 163.8 0.0 349.6

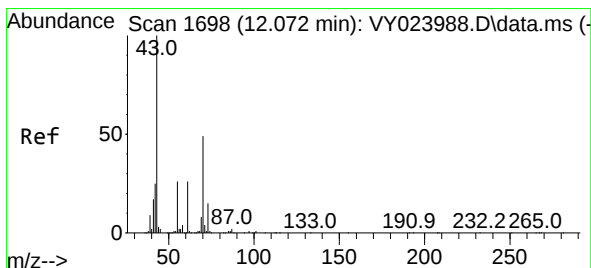
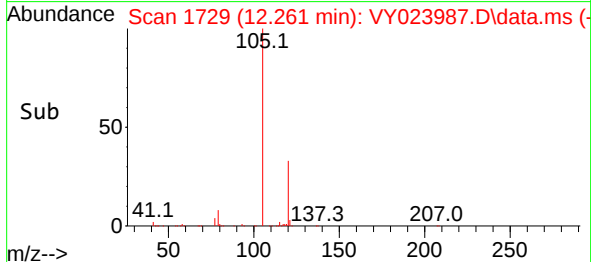
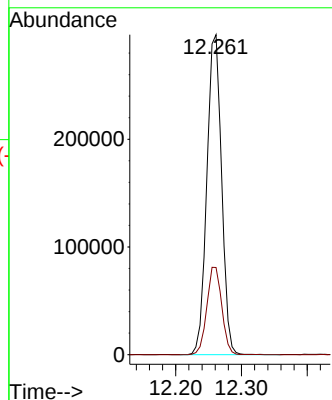
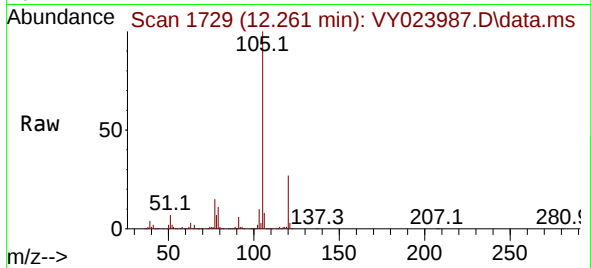




#73
Isopropylbenzene
Concen: 22.774 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

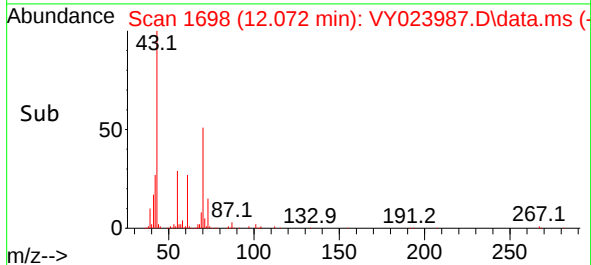
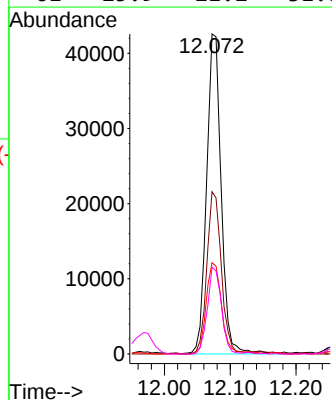
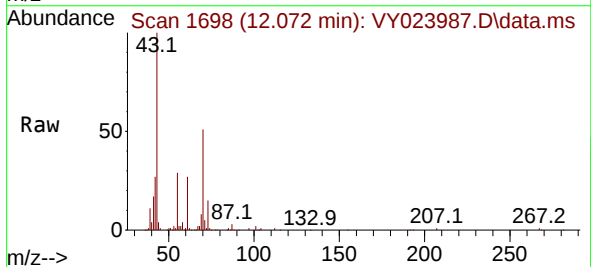
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

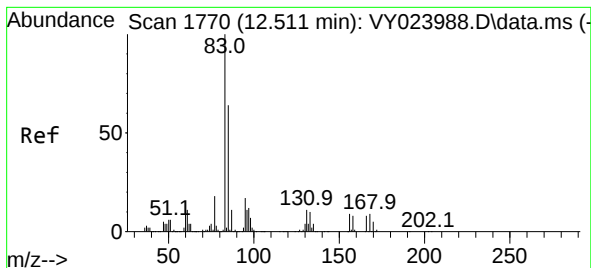
Tgt Ion:105 Resp: 462181
Ion Ratio Lower Upper
105 100
120 27.8 13.8 41.4



#74
N-ethyl acetate
Concen: 18.137 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 43 Resp: 65944
Ion Ratio Lower Upper
43 100
70 50.1 39.3 58.9
55 29.7 22.5 33.7
61 25.9 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.406 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

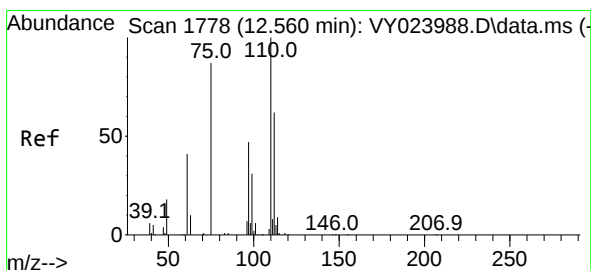
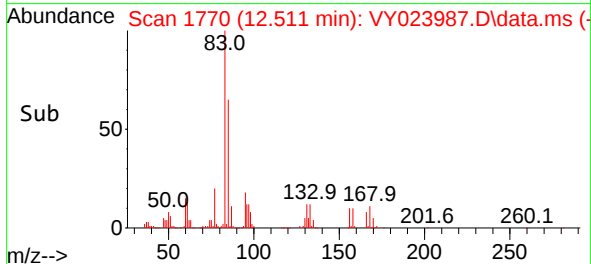
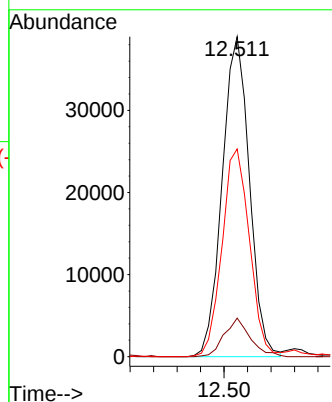
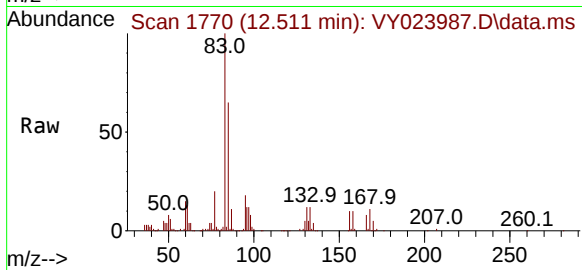
Tgt Ion: 83 Resp: 62744

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

85 65.5 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 33.077 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY023987.D

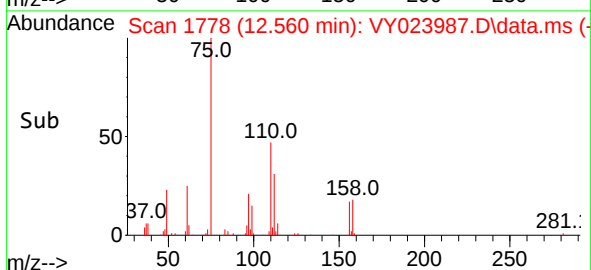
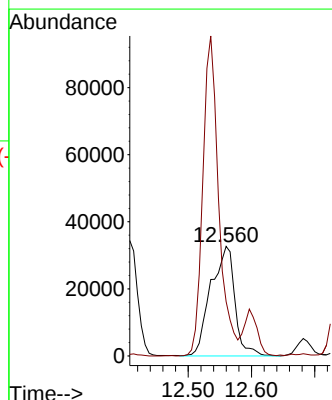
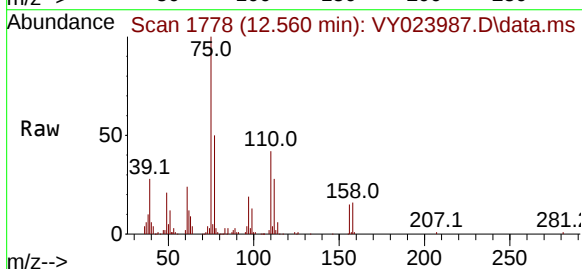
Acq: 16 Dec 2025 14:06

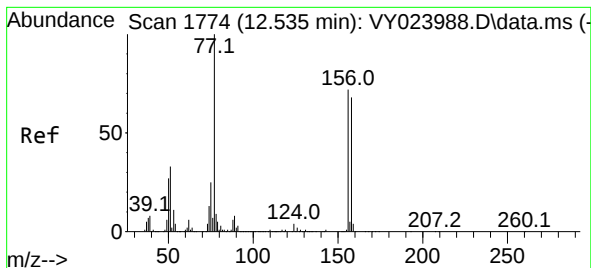
Tgt Ion: 75 Resp: 86284

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.196 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

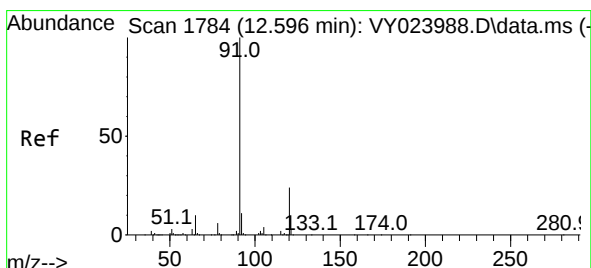
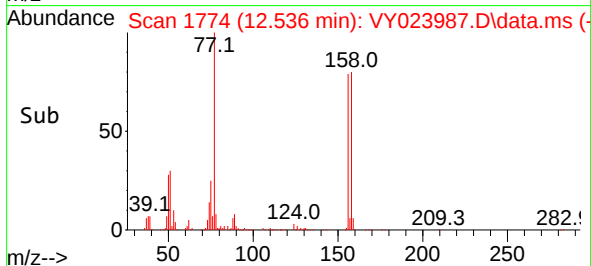
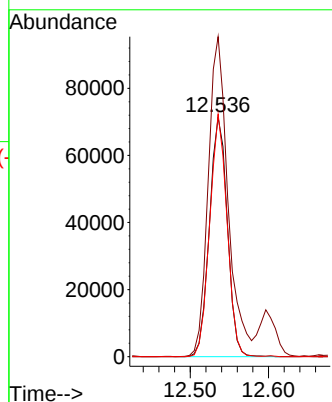
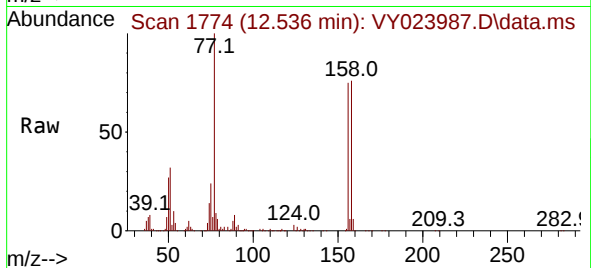
Tgt Ion:156 Resp: 113224

Ion Ratio Lower Upper

156 100

77 148.2 76.6 230.0

158 98.0 48.0 144.2



#78

n-propylbenzene

Concen: 22.530 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023987.D

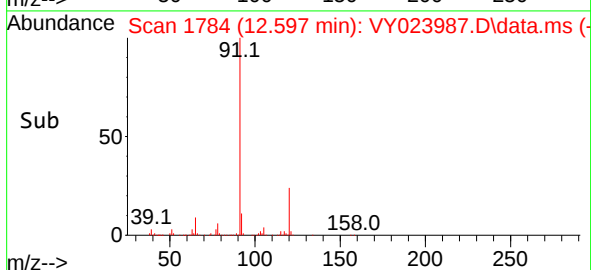
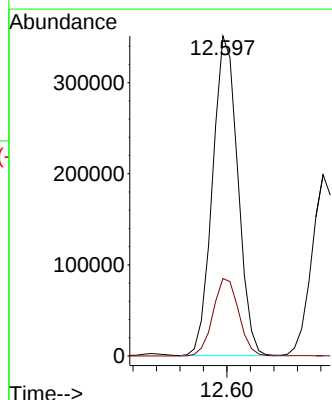
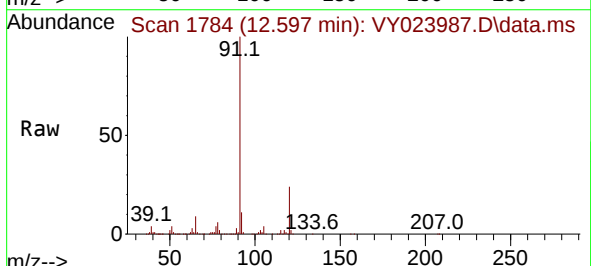
Acq: 16 Dec 2025 14:06

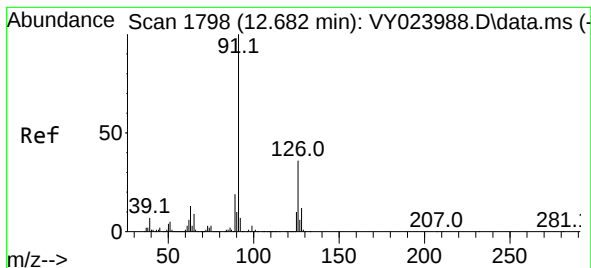
Tgt Ion: 91 Resp: 524010

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8

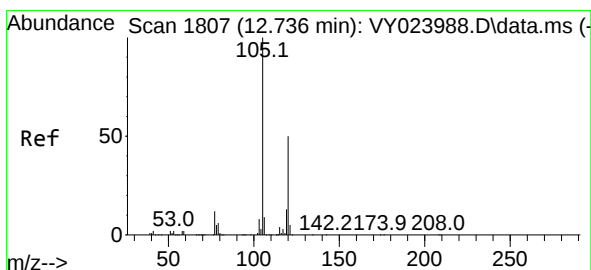
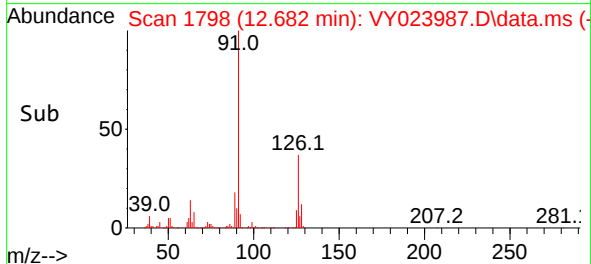
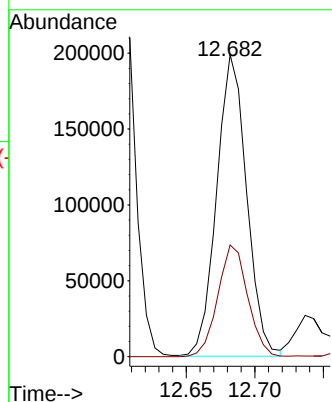
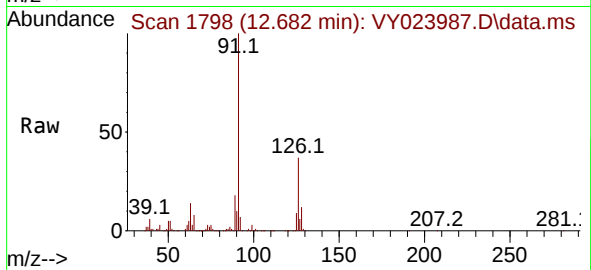




#79
2-Chlorotoluene
Concen: 22.721 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

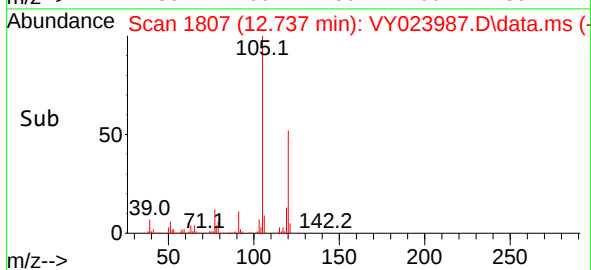
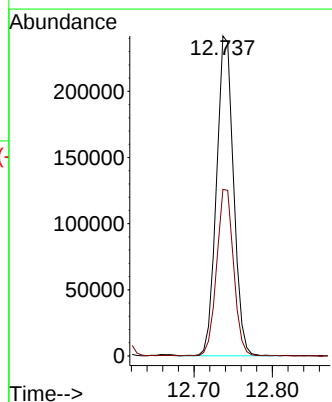
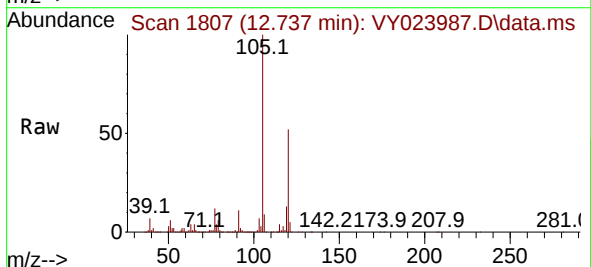
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

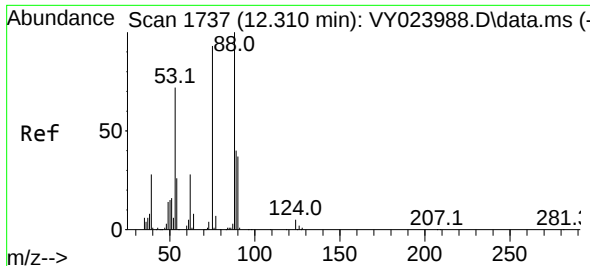
Tgt Ion: 91 Resp: 302524
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 22.891 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 105 Resp: 365292
Ion Ratio Lower Upper
105 100
120 51.7 25.6 76.6

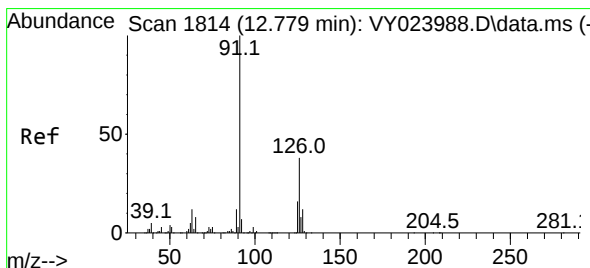
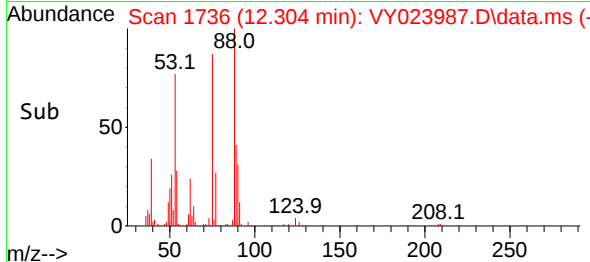
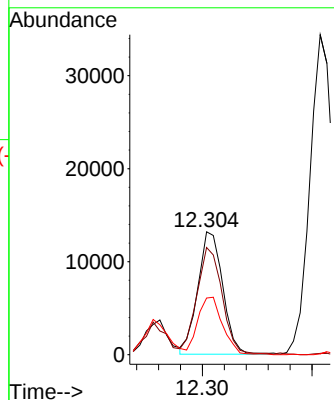
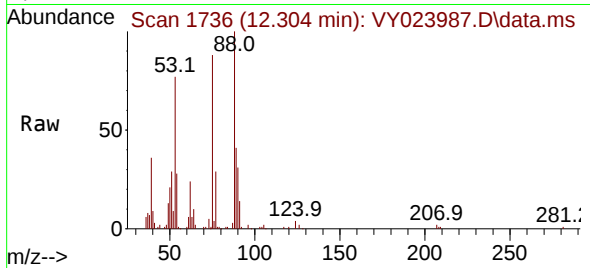




#81
trans-1,4-Dichloro-2-butene
Concen: 20.423 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

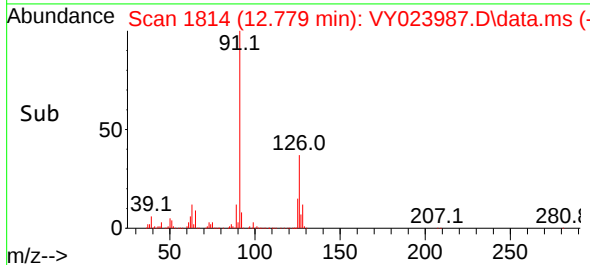
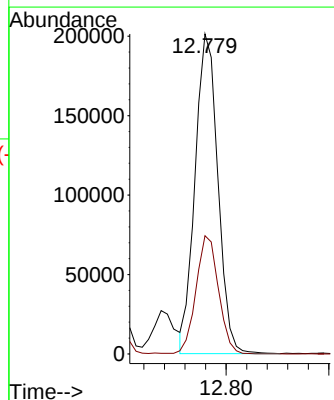
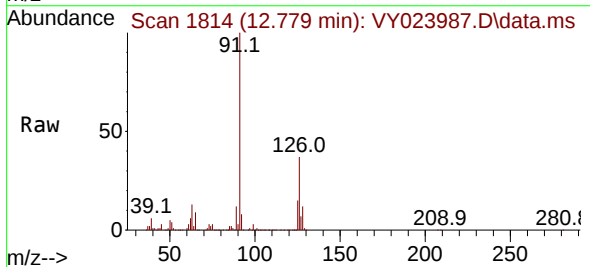
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

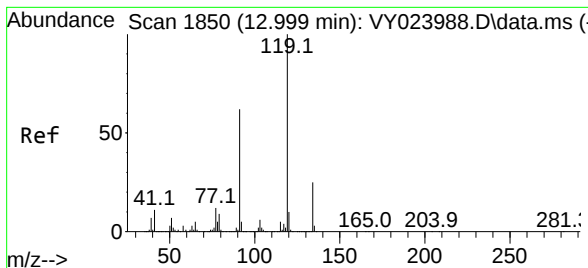
Tgt Ion: 75 Resp: 20817
Ion Ratio Lower Upper
75 100
53 88.1 69.9 104.9
89 46.6 38.6 57.8



#82
4-Chlorotoluene
Concen: 22.676 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion: 91 Resp: 309992
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5

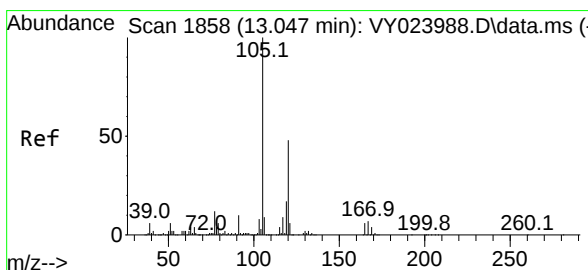
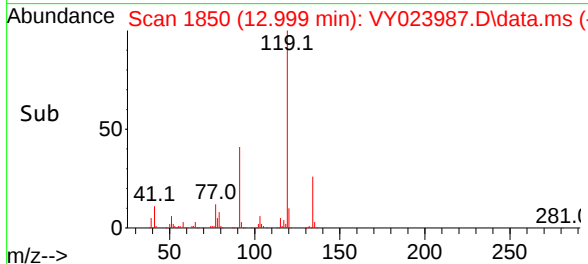
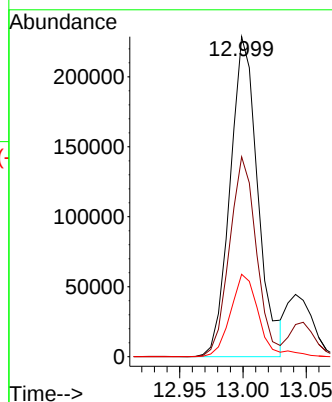
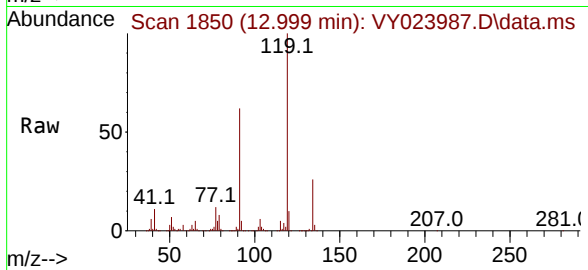




#83
tert-Butylbenzene
Concen: 23.314 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

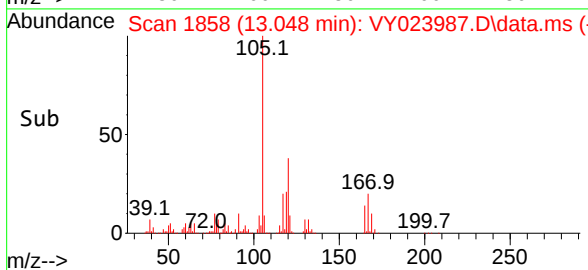
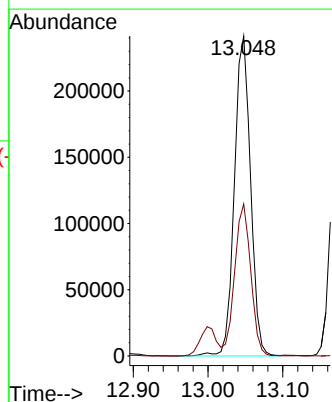
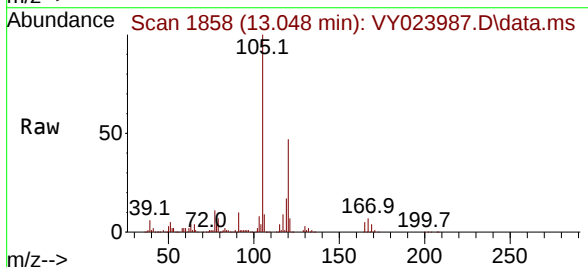
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

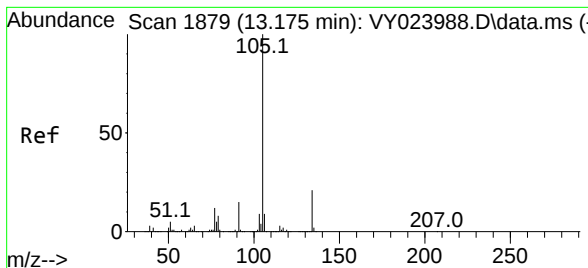
Tgt Ion:119 Resp: 349220
Ion Ratio Lower Upper
119 100
91 60.8 29.8 89.4
134 26.3 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 22.962 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:105 Resp: 362276
Ion Ratio Lower Upper
105 100
120 47.5 23.5 70.5

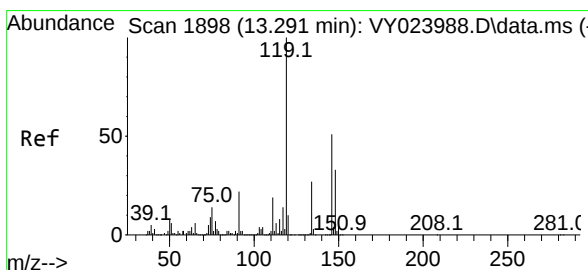
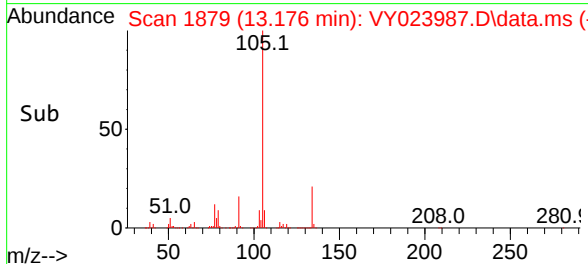
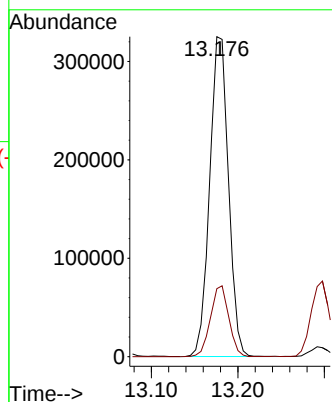
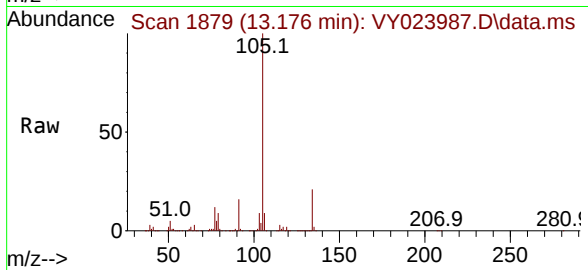




#85
 sec-Butylbenzene
 Concen: 22.653 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

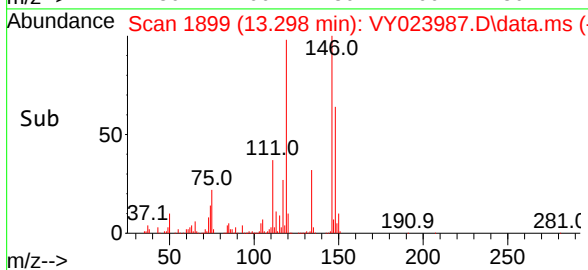
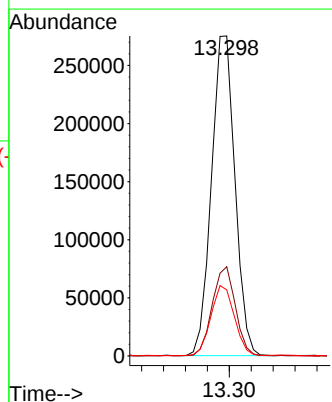
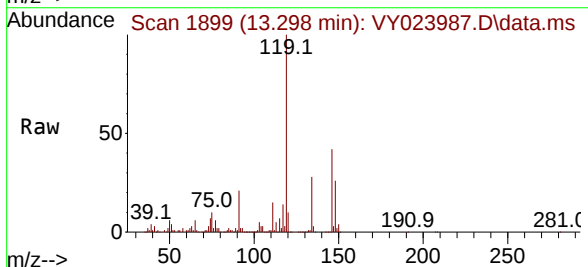
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

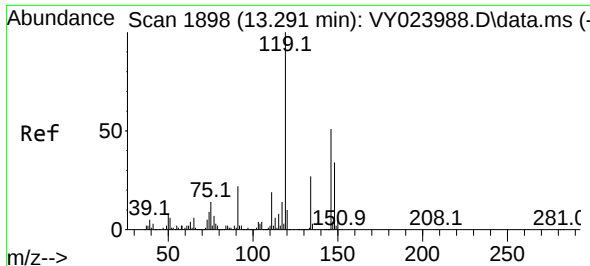
Tgt Ion:105 Resp: 489822
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 22.594 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

Tgt Ion:119 Resp: 410439
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.0
 91 21.9 10.9 32.9

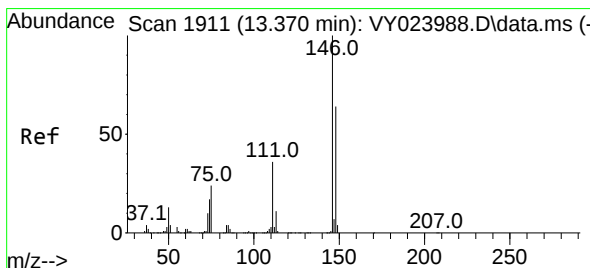
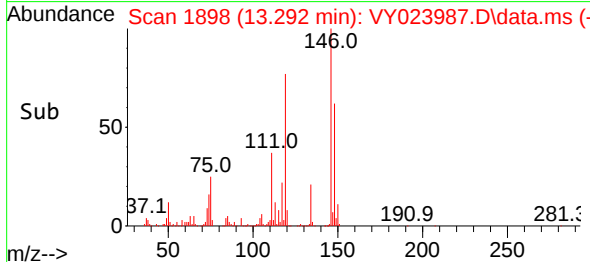
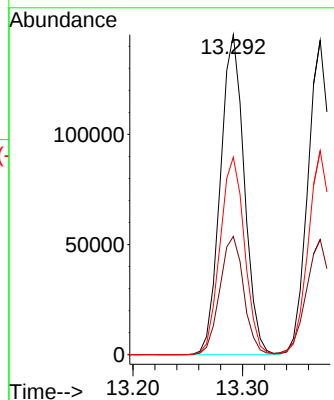
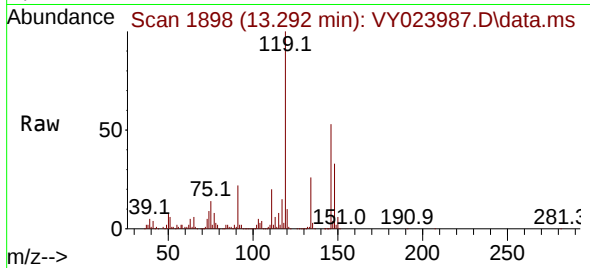




#87
1,3-Dichlorobenzene
Concen: 22.463 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

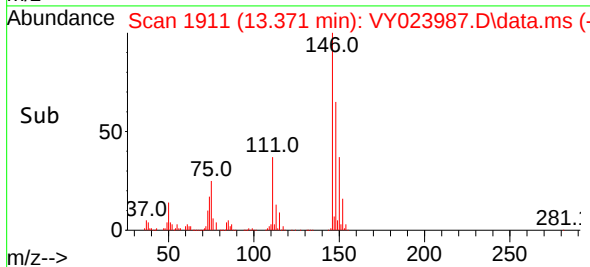
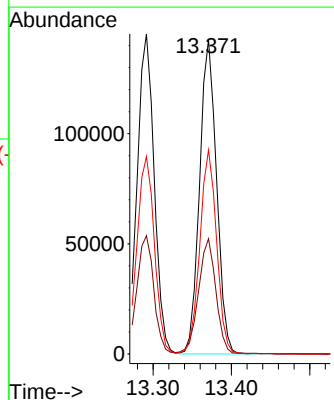
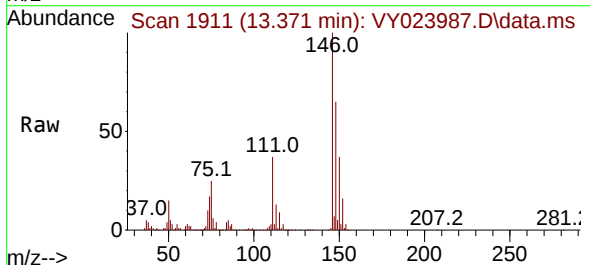
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

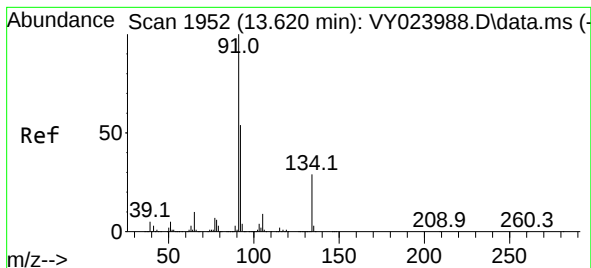
Tgt Ion:146 Resp: 220478
Ion Ratio Lower Upper
146 100
111 37.0 18.7 56.1
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 22.286 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY023987.D
Acq: 16 Dec 2025 14:06

Tgt Ion:146 Resp: 214678
Ion Ratio Lower Upper
146 100
111 37.7 17.9 53.8
148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 22.282 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

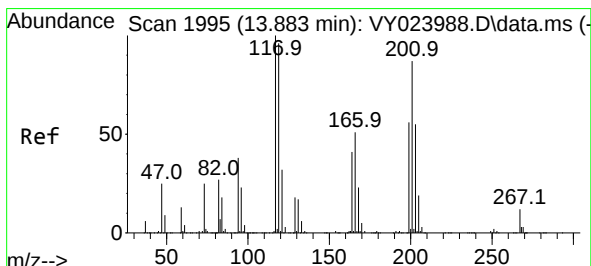
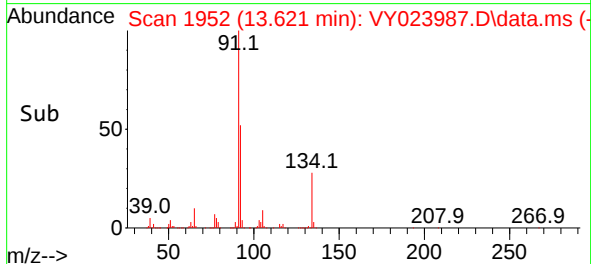
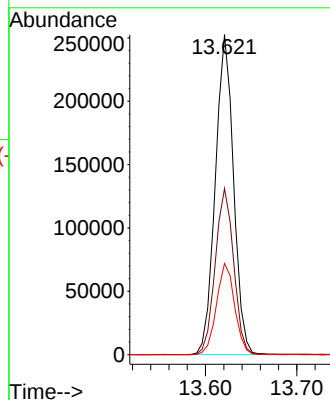
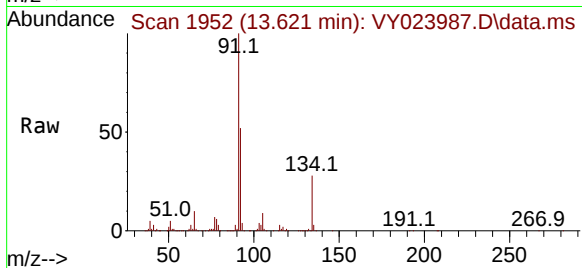
Tgt Ion: 91 Resp: 349694

Ion Ratio Lower Upper

91 100

92 52.6 26.7 80.1

134 28.5 14.2 42.6



#90

Hexachloroethane

Concen: 22.409 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023987.D

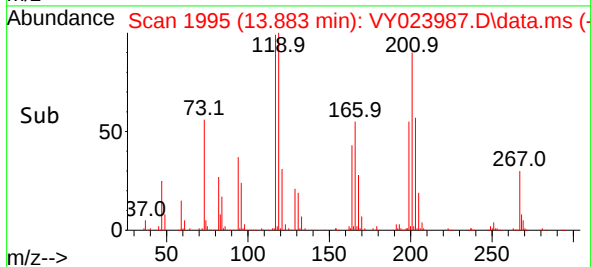
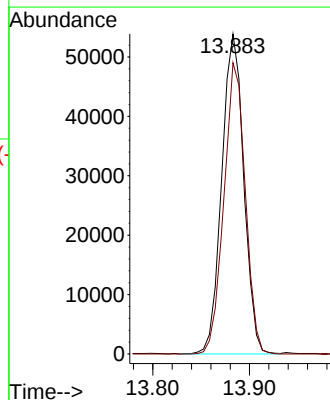
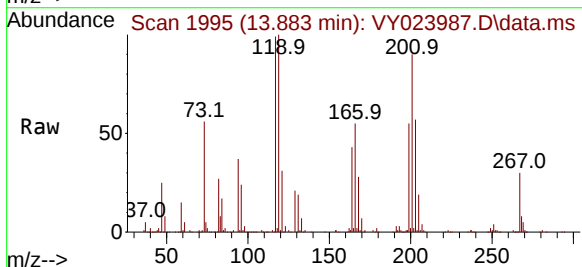
Acq: 16 Dec 2025 14:06

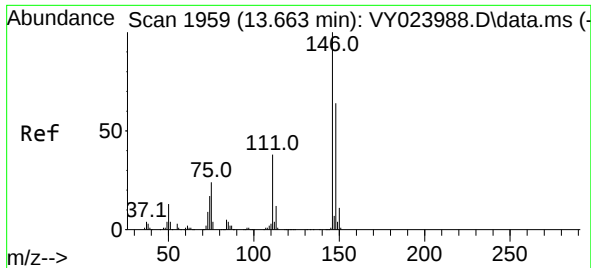
Tgt Ion: 117 Resp: 84988

Ion Ratio Lower Upper

117 100

201 88.4 43.5 130.7

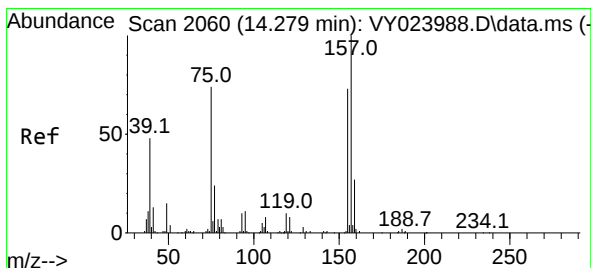
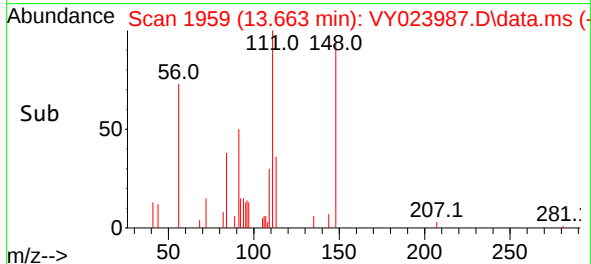
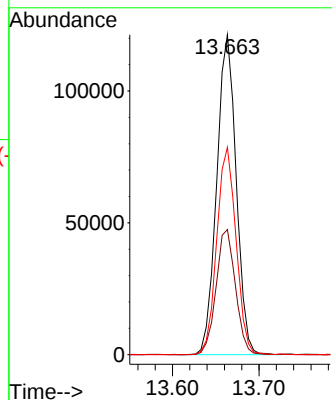
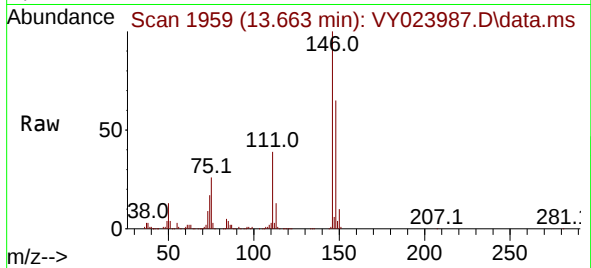




#91
 1,2-Dichlorobenzene
 Concen: 22.382 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

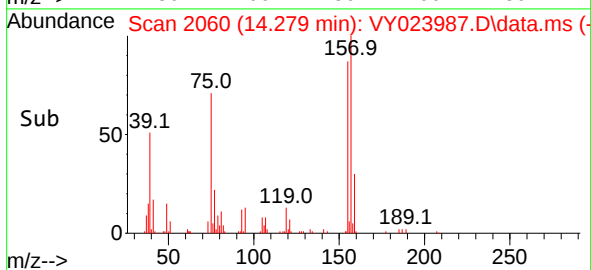
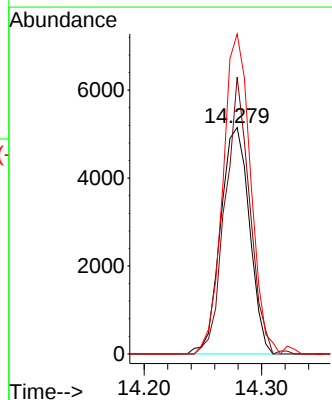
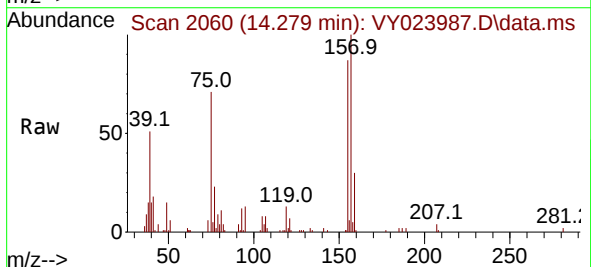
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

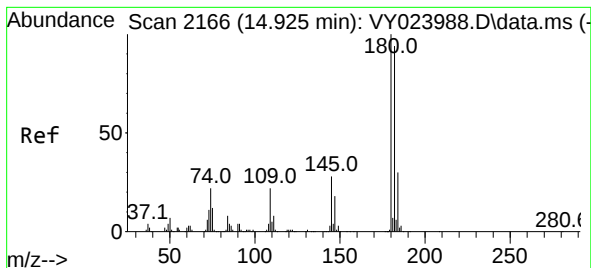
Tgt Ion:146 Resp: 189480
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.4
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.621 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY023987.D
 Acq: 16 Dec 2025 14:06

Tgt Ion: 75 Resp: 8792
 Ion Ratio Lower Upper
 75 100
 155 103.7 49.3 147.8
 157 135.3 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 21.818 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

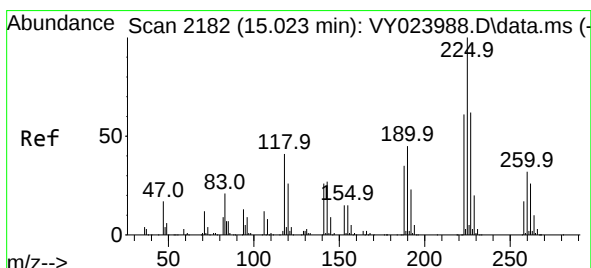
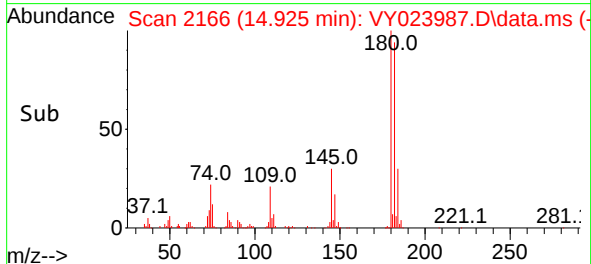
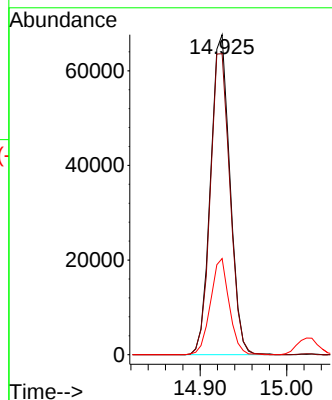
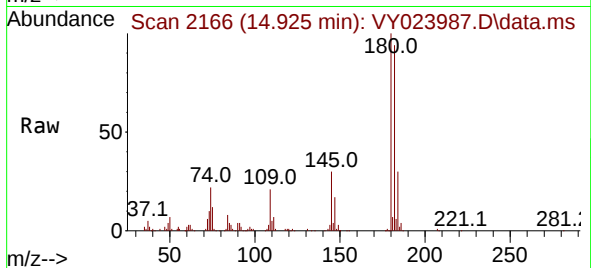
Tgt Ion:180 Resp: 105075

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 22.180 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

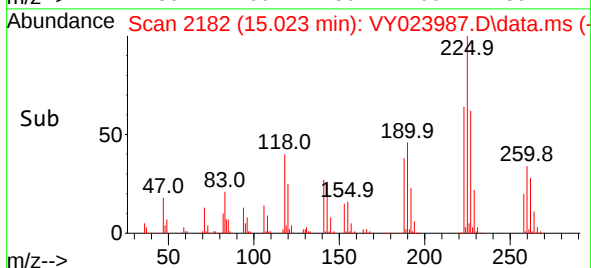
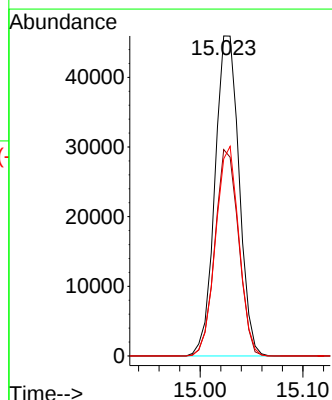
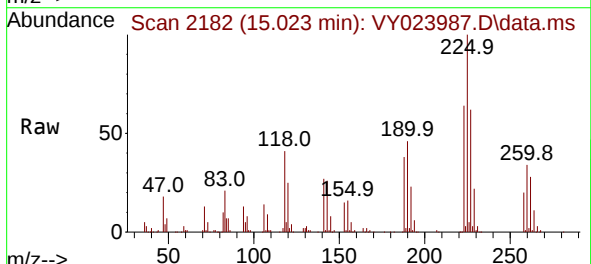
Tgt Ion:225 Resp: 74781

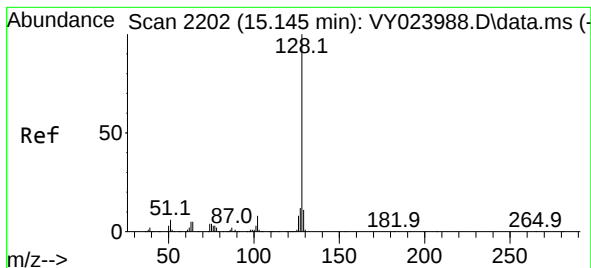
Ion Ratio Lower Upper

225 100

223 63.2 30.9 92.5

227 63.6 32.1 96.3





#95

Naphthalene

Concen: 18.528 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

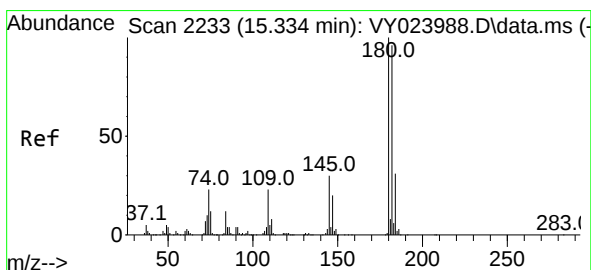
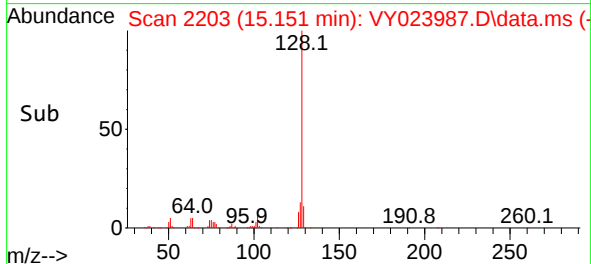
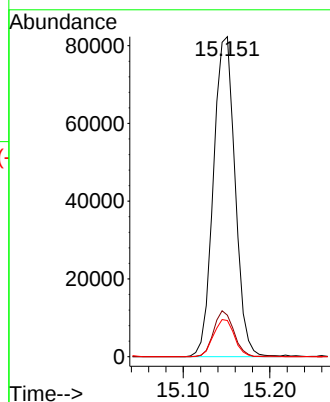
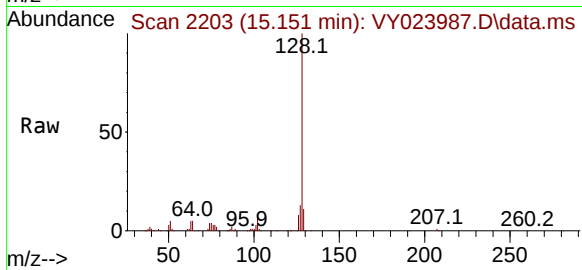
Tgt Ion:128 Resp: 142967

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.311 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023987.D

Acq: 16 Dec 2025 14:06

Tgt Ion:180 Resp: 86127

Ion Ratio Lower Upper

180 100

182 93.8 47.7 143.1

145 30.5 15.6 46.7

