

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023933.D
 Acq On : 10 Dec 2025 11:39
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 11 03:45:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:41:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	514914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	753135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	638832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	335461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	49754	10.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.860%#
35) Dibromofluoromethane	7.640	113	52671	10.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.400%#
50) Toluene-d8	10.109	98	196891	10.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.480%#
62) 4-Bromofluorobenzene	12.407	95	67282	10.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.980%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	35484	9.937	ug/l	94
3) Chloromethane	2.074	50	46638	10.167	ug/l	99
4) Vinyl Chloride	2.208	62	54309	9.581	ug/l	95
5) Bromomethane	2.604	94	53374	11.060	ug/l	98
6) Chloroethane	2.744	64	39883	9.986	ug/l	92
7) Trichlorofluoromethane	3.068	101	84717	9.927	ug/l	96
8) Diethyl Ether	3.458	74	23346	9.958	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	50704	10.195	ug/l	98
10) Methyl Iodide	4.012	142	44164	7.132	ug/l	99
11) Tert butyl alcohol	4.872	59	14040	53.258	ug/l #	71
12) 1,1-Dichloroethene	3.799	96	45314	9.698	ug/l	99
13) Acrolein	3.665	56	24919	59.101	ug/l	94
14) Allyl chloride	4.397	41	55494	9.282	ug/l	99
15) Acrylonitrile	5.073	53	47891	51.272	ug/l	99
16) Acetone	3.878	43	83751	44.412	ug/l	99
17) Carbon Disulfide	4.116	76	110280	8.887	ug/l	100
18) Methyl Acetate	4.390	43	20556	9.980	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	112881	10.102	ug/l	100
20) Methylene Chloride	4.628	84	55089	10.286	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	49641	9.677	ug/l	90
22) Diisopropyl ether	6.030	45	132270	9.715	ug/l	95
23) Vinyl Acetate	5.969	43	360128	47.606	ug/l	100
24) 1,1-Dichloroethane	5.927	63	83531	9.843	ug/l	97
25) 2-Butanone	6.902	43	75416	53.603	ug/l	98
26) 2,2-Dichloropropane	6.890	77	77936	9.836	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	57578	9.778	ug/l	100
28) Bromochloromethane	7.256	49	31738	9.928	ug/l	95
29) Tetrahydrofuran	7.268	42	36618	51.034	ug/l	100
30) Chloroform	7.427	83	95068	10.256	ug/l	95
31) Cyclohexane	7.707	56	74302	9.517	ug/l #	86
32) 1,1,1-Trichloroethane	7.622	97	85884	9.991	ug/l	100
36) 1,1-Dichloropropene	7.847	75	61791	9.219	ug/l	98
37) Ethyl Acetate	6.994	43	26675	9.774	ug/l	97
38) Carbon Tetrachloride	7.823	117	79132	9.740	ug/l	96
39) Methylcyclohexane	9.115	83	80511	8.991	ug/l	98
40) Benzene	8.085	78	196271	9.616	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	13242	8.819	ug/l #	66
42) 1,2-Dichloroethane	8.164	62	54725	10.224	ug/l	99
43) Isopropyl Acetate	8.201	43	49222	9.576	ug/l	99
44) Trichloroethene	8.865	130	57358	9.692	ug/l	99
45) 1,2-Dichloropropane	9.146	63	45008	9.773	ug/l	97
46) Dibromomethane	9.237	93	27347	10.083	ug/l	98
47) Bromodichloromethane	9.426	83	70953	9.944	ug/l	98
48) Methyl methacrylate	9.225	41	22772	9.516	ug/l	97
49) 1,4-Dioxane	9.231	88	6120	202.396	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	132729	48.735	ug/l	100
52) Toluene	10.176	92	133861	9.911	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	57073	9.256	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	69259	9.532	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	37659	10.088	ug/l	97
56) Ethyl methacrylate	10.444	69	39697	8.970	ug/l	96
57) 1,3-Dichloropropane	10.719	76	60505	10.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	99207	51.751	ug/l	100
59) 2-Hexanone	10.761	43	104677	50.642	ug/l	99
60) Dibromochloromethane	10.914	129	50690	9.807	ug/l	96
61) 1,2-Dibromoethane	11.017	107	34679	10.025	ug/l	99
64) Tetrachloroethene	10.652	164	68972	10.050	ug/l	94
65) Chlorobenzene	11.444	112	147825	9.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	52828	10.176	ug/l	98
67) Ethyl Benzene	11.523	91	237941	9.594	ug/l	99
68) m/p-Xylenes	11.633	106	189155	19.212	ug/l	100
69) o-Xylene	11.956	106	87313	9.480	ug/l	100
70) Styrene	11.974	104	137717	9.256	ug/l	100
71) Bromoform	12.133	173	30195	9.869	ug/l #	98
73) Isopropylbenzene	12.255	105	227303	9.272	ug/l	99
74) N-amyl acetate	12.072	43	37534	8.631	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	39257	10.516	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	51616	18.133	ug/l #	100
77) Bromobenzene	12.535	156	61007	10.029	ug/l	97
78) n-propylbenzene	12.596	91	264579	9.276	ug/l	99
79) 2-Chlorotoluene	12.682	91	157285	9.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	184594	9.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12426	9.968	ug/l	96
82) 4-Chlorotoluene	12.779	91	160874	9.645	ug/l	98
83) tert-Butylbenzene	12.999	119	170914	9.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	185568	9.578	ug/l	99
85) sec-Butylbenzene	13.175	105	248670	9.433	ug/l	100
86) p-Isopropyltoluene	13.291	119	210618	9.439	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	116905	9.896	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	118476	10.174	ug/l	99
89) n-Butylbenzene	13.621	91	178174	9.127	ug/l	99
90) Hexachloroethane	13.883	117	44400	9.751	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	102649	10.029	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6056	10.478	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	58492	9.724	ug/l	99
94) Hexachlorobutadiene	15.023	225	40431	10.254	ug/l	99
95) Naphthalene	15.145	128	88512	9.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	51242	10.010	ug/l	99

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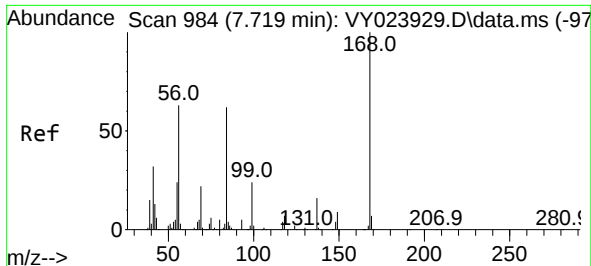
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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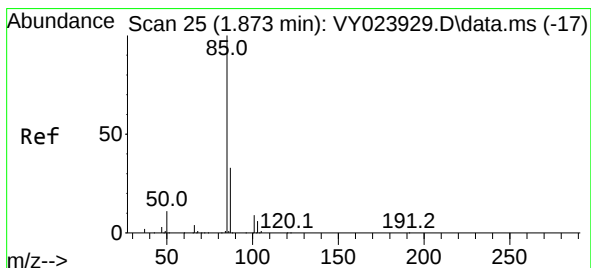
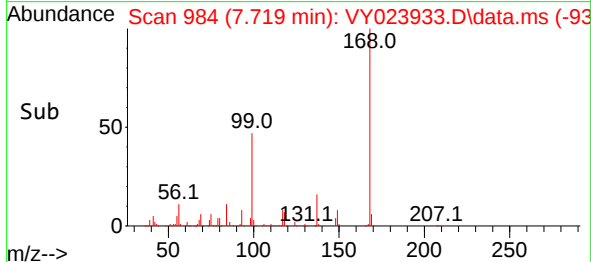
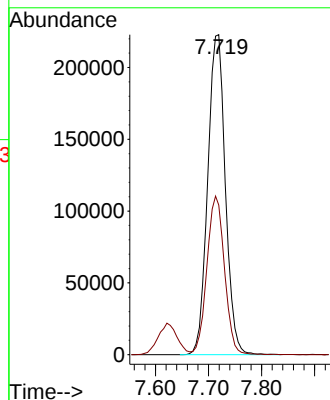
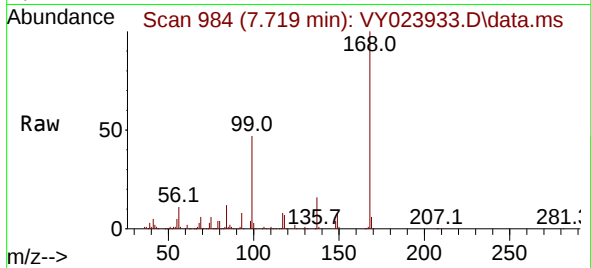




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023933.D
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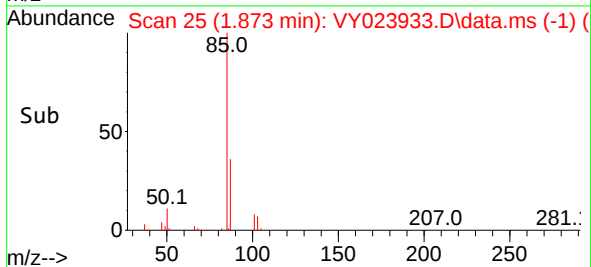
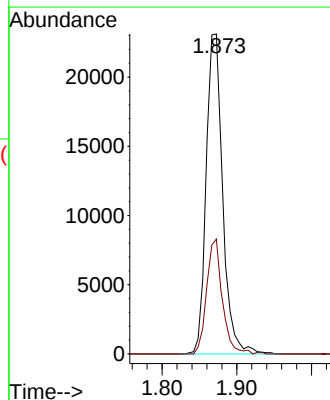
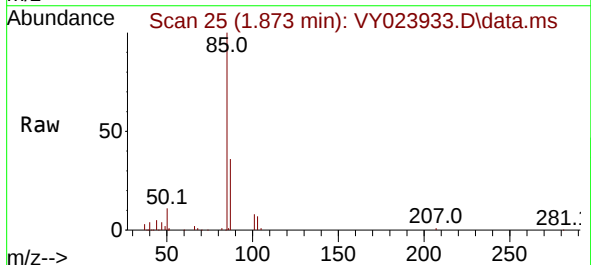
Instrument :
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VSTDIC010

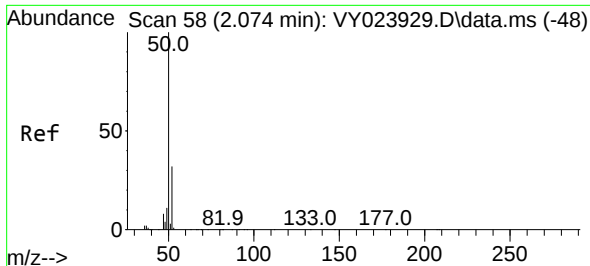
Tgt Ion:168 Resp: 514914
Ion Ratio Lower Upper
168 100
99 46.7 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 9.937 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 85 Resp: 35484
Ion Ratio Lower Upper
85 100
87 35.9 16.4 49.1

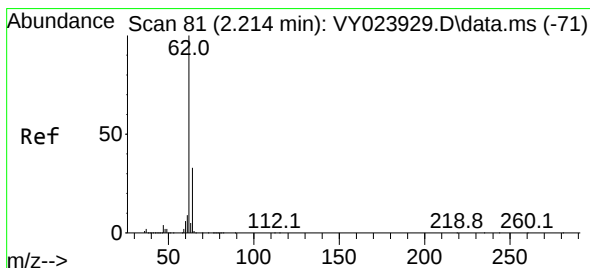
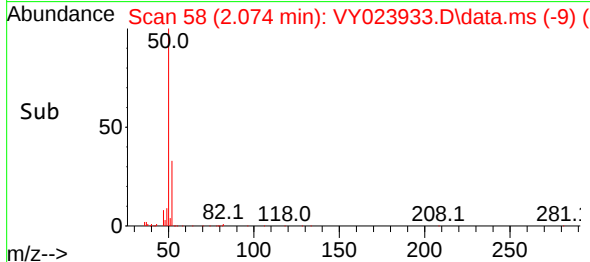
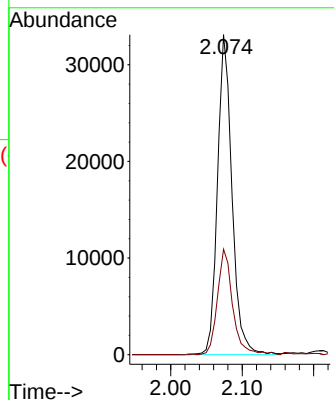
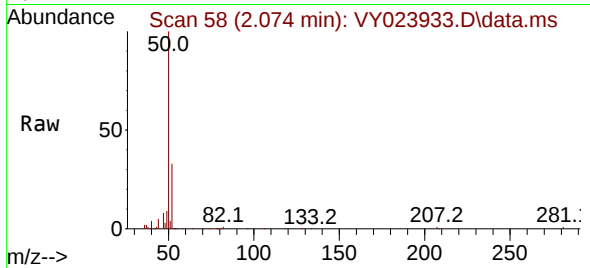




#3
Chloromethane
Concen: 10.167 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

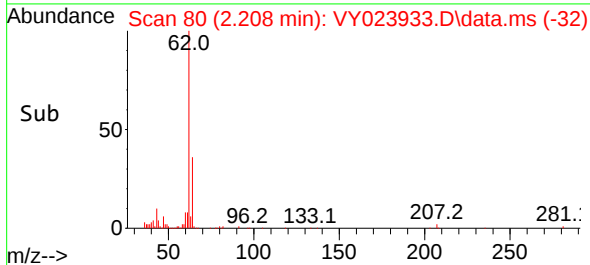
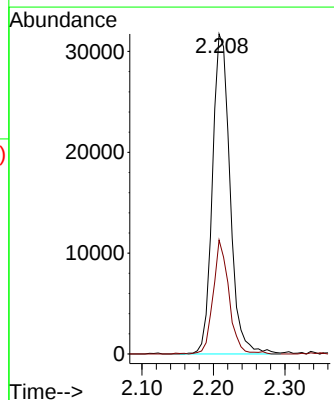
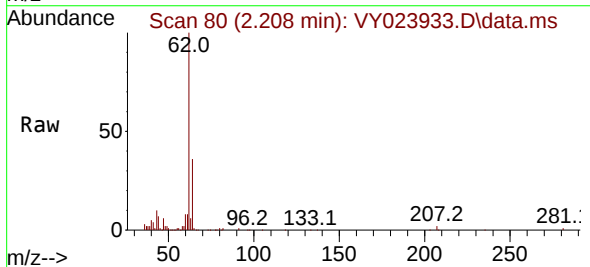
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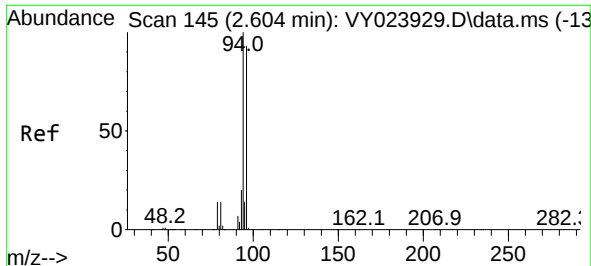
Tgt Ion: 50 Resp: 46638
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 9.581 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 62 Resp: 54309
Ion Ratio Lower Upper
62 100
64 35.6 26.2 39.4

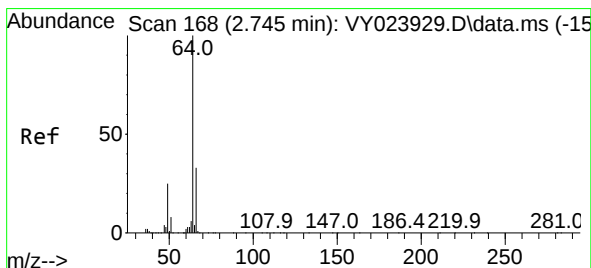
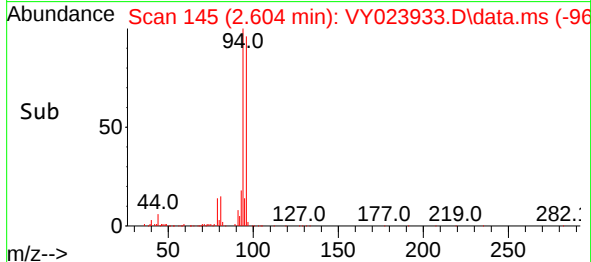
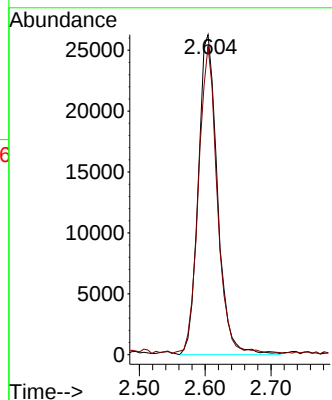
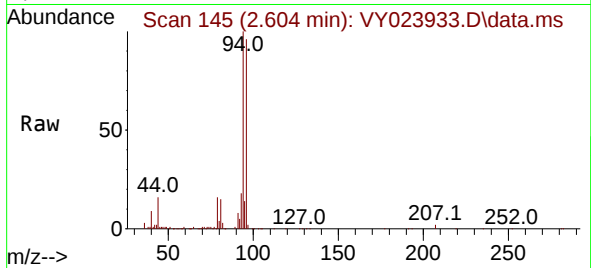




#5
Bromomethane
Concen: 11.060 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

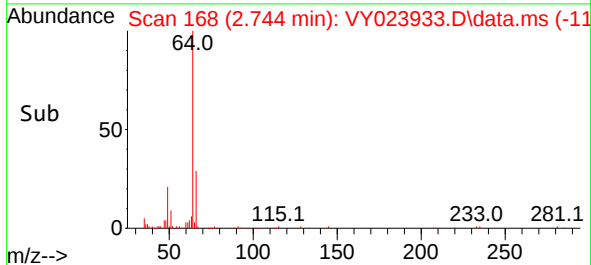
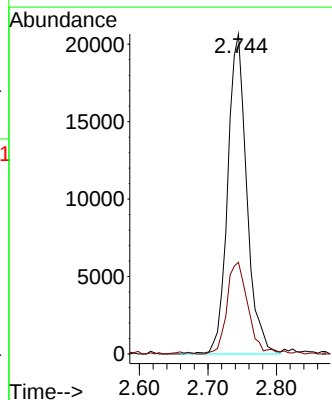
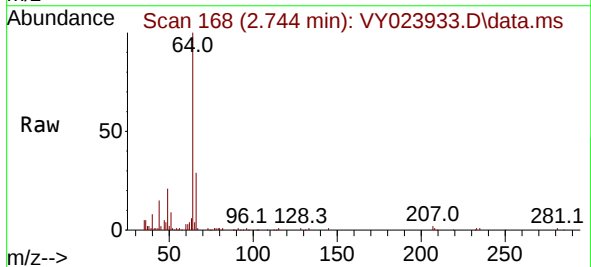
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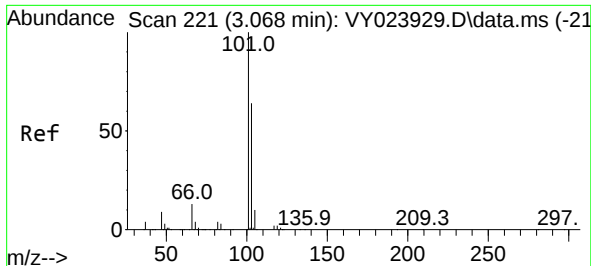
Tgt Ion: 94 Resp: 53374
Ion Ratio Lower Upper
94 100
96 95.7 74.8 112.2



#6
Chloroethane
Concen: 9.986 ug/l
RT: 2.744 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 64 Resp: 39883
Ion Ratio Lower Upper
64 100
66 28.0 26.0 39.0

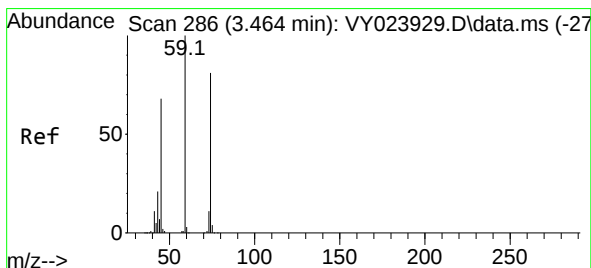
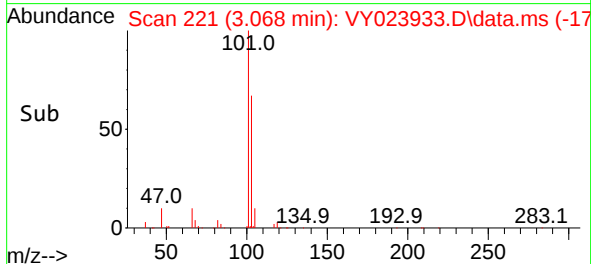
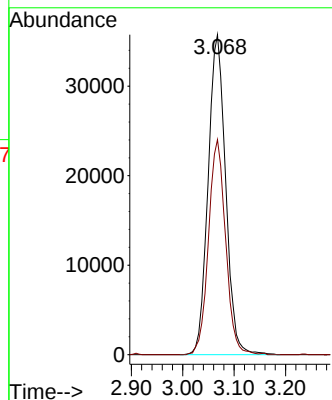
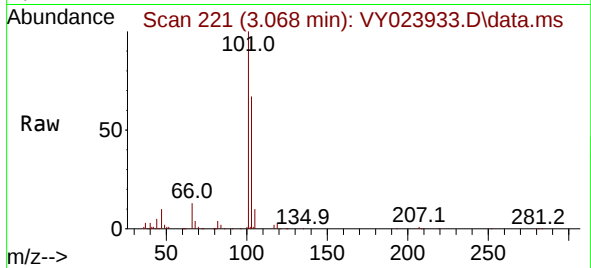




#7
 Trichlorofluoromethane
 Concen: 9.927 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023933.D
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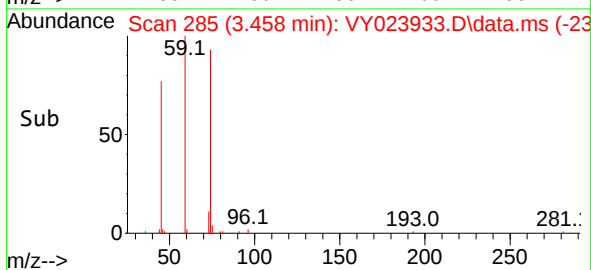
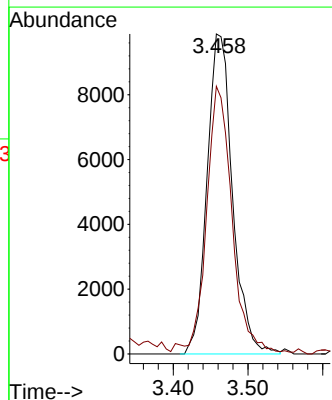
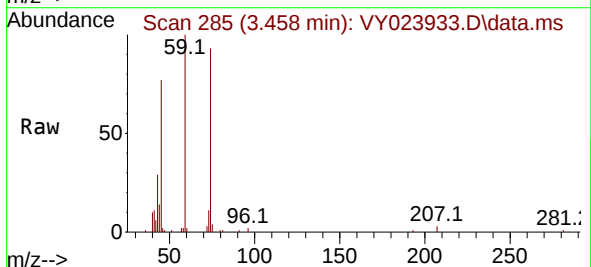
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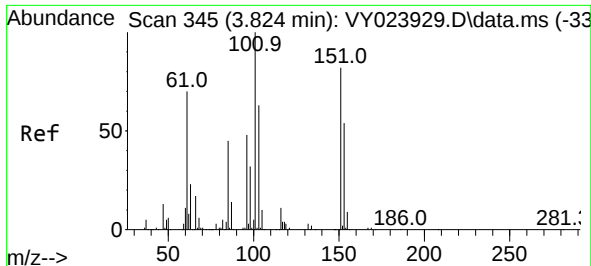
Tgt Ion:101 Resp: 84717
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 9.958 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

Tgt Ion: 74 Resp: 23346
 Ion Ratio Lower Upper
 74 100
 45 82.3 42.0 126.1

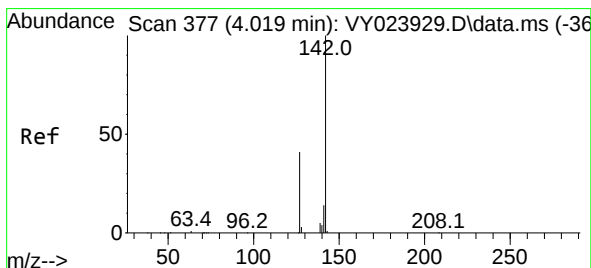
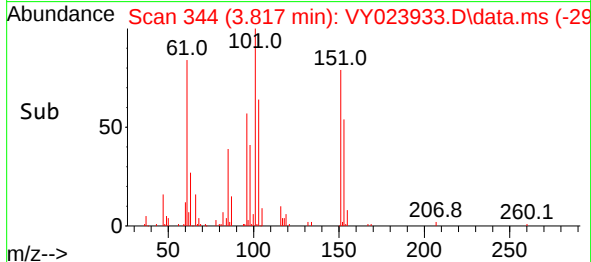
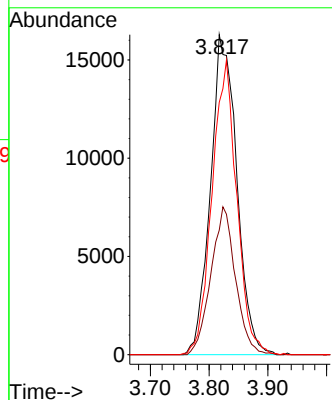
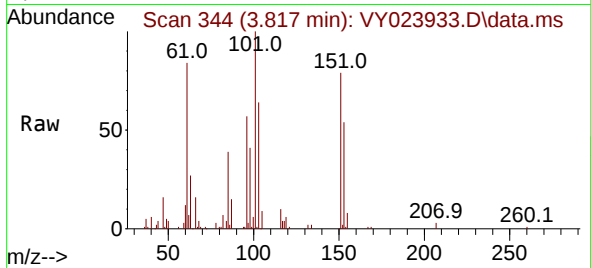




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.195 ug/l
RT: 3.817 min Scan# 345
Delta R.T. -0.006 min
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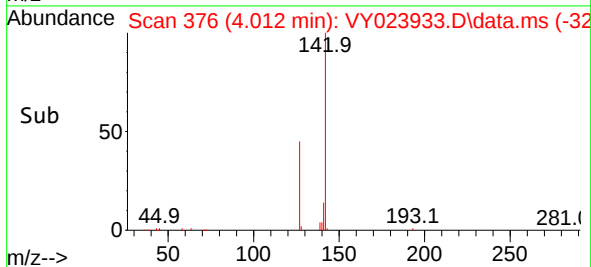
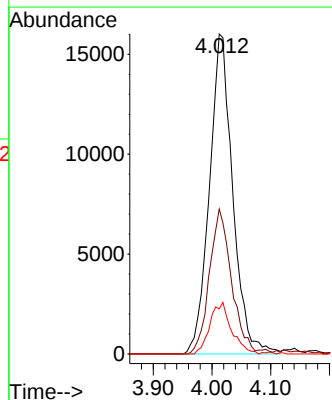
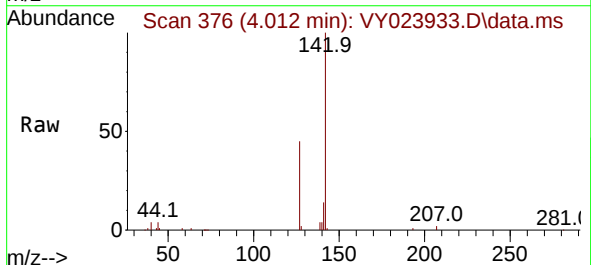
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

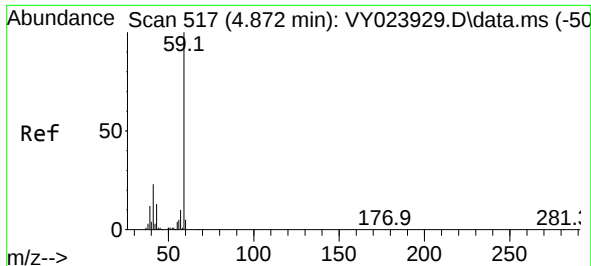
Tgt Ion:101 Resp: 50704
Ion Ratio Lower Upper
101 100
85 43.1 35.1 52.7
151 86.5 67.2 100.8



#10
Methyl Iodide
Concen: 7.132 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion:142 Resp: 44164
Ion Ratio Lower Upper
142 100
127 42.9 34.5 51.7
141 14.9 11.5 17.3

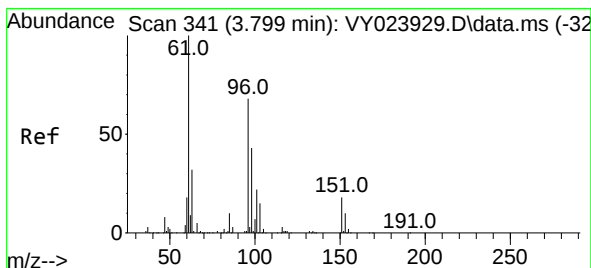
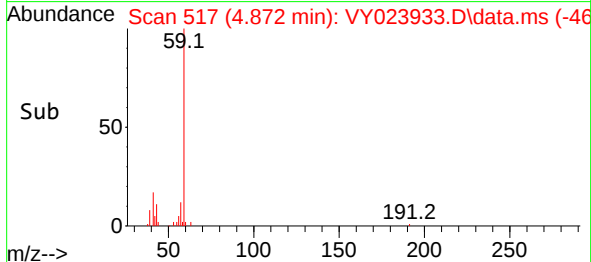
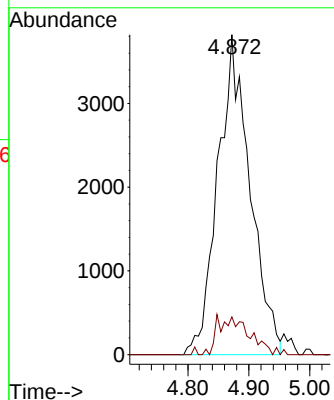
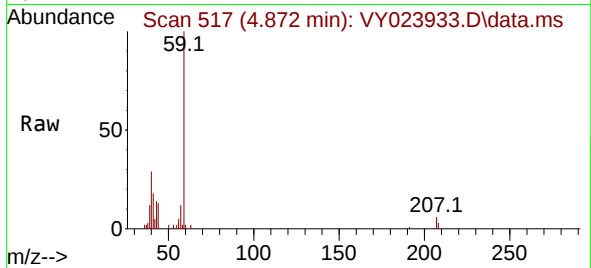




#11
Tert butyl alcohol
Concen: 53.258 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

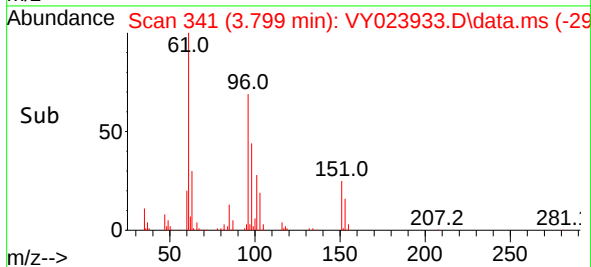
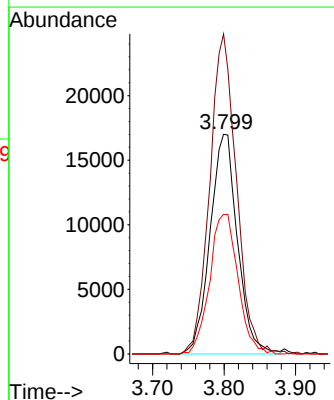
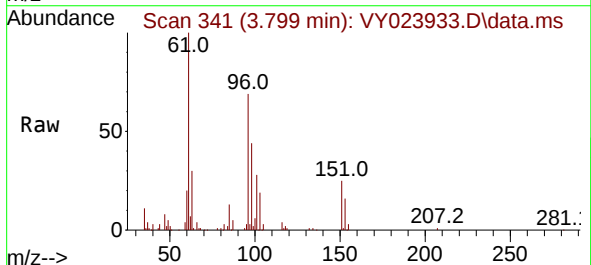
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

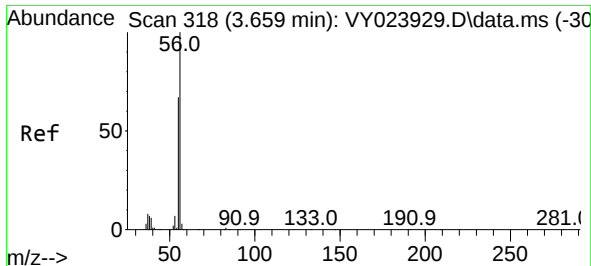
Tgt Ion: 59 Resp: 14040
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 9.698 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 96 Resp: 45314
Ion Ratio Lower Upper
96 100
61 145.7 117.0 175.6
98 63.5 50.5 75.7

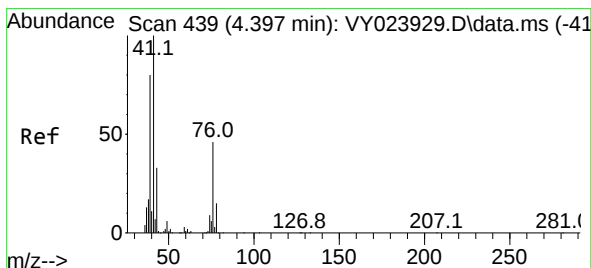
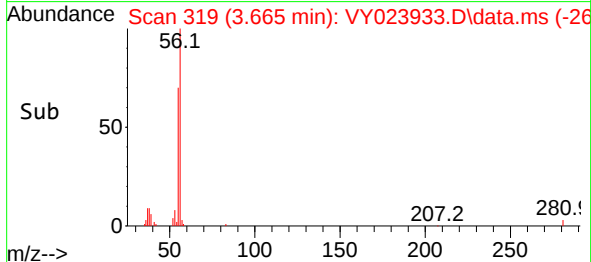
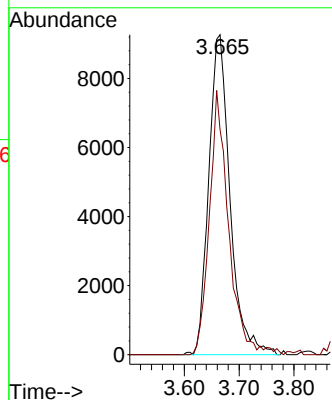
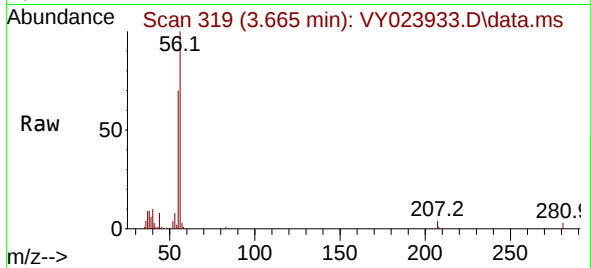




#13
Acrolein
Concen: 59.101 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

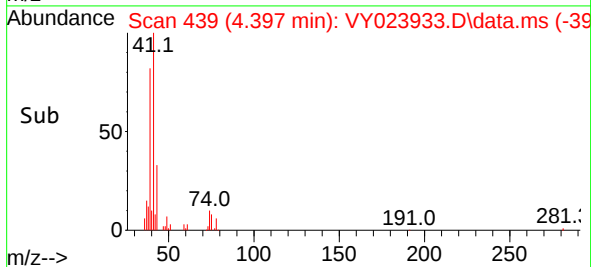
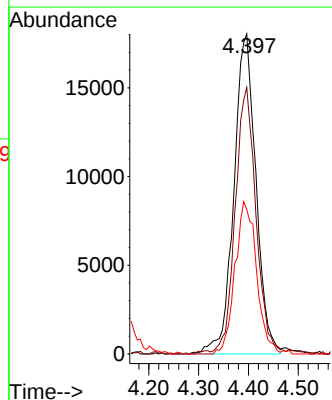
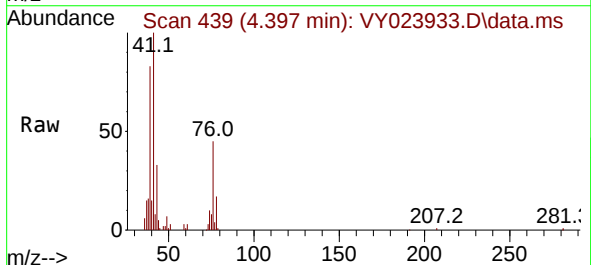
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

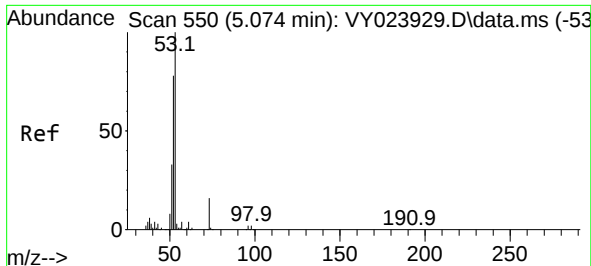
Tgt Ion: 56 Resp: 24919
Ion Ratio Lower Upper
56 100
55 74.7 55.7 83.5



#14
Allyl chloride
Concen: 9.282 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 41 Resp: 55494
Ion Ratio Lower Upper
41 100
39 78.8 62.9 94.3
76 46.4 35.7 53.5

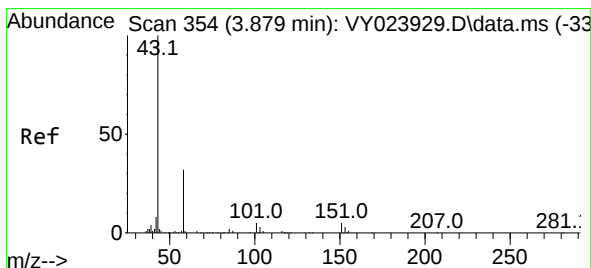
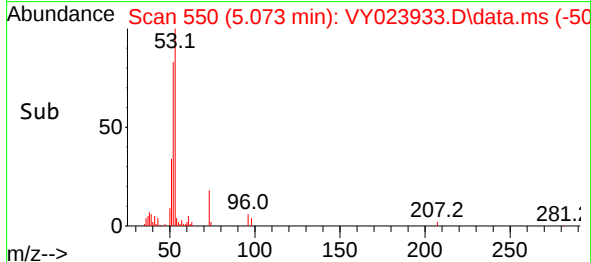
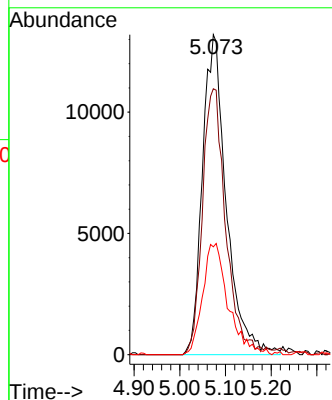
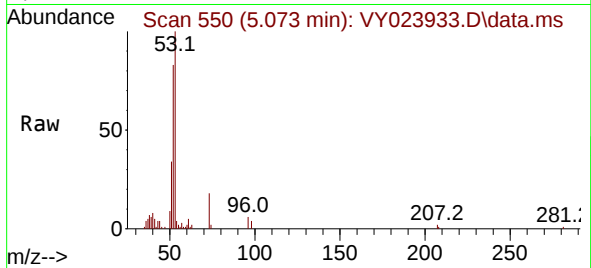




#15
Acrylonitrile
Concen: 51.272 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

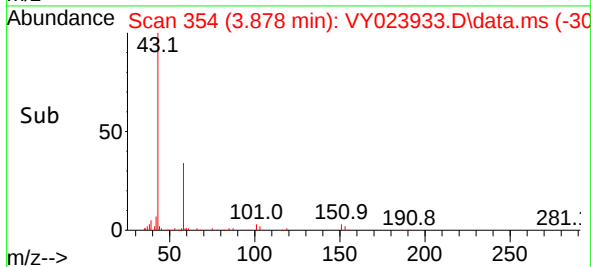
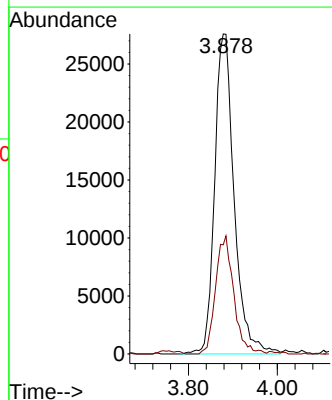
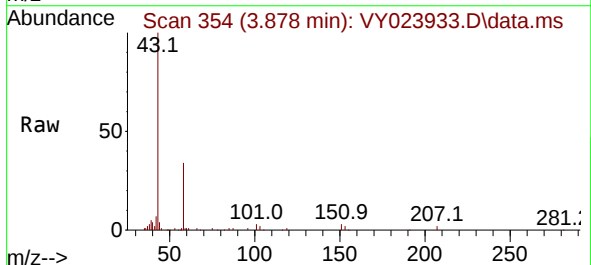
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

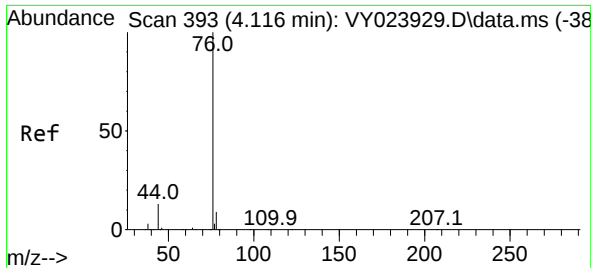
Tgt Ion: 53 Resp: 47891
Ion Ratio Lower Upper
53 100
52 80.9 64.2 96.2
51 37.2 29.3 43.9



#16
Acetone
Concen: 44.412 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 43 Resp: 83751
Ion Ratio Lower Upper
43 100
58 33.8 26.4 39.6

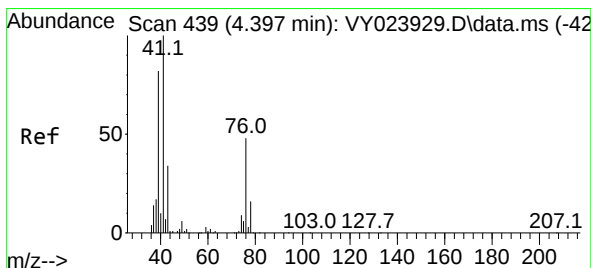
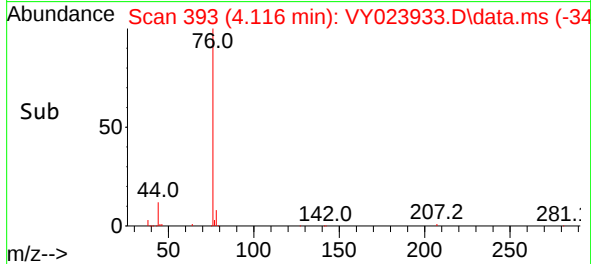
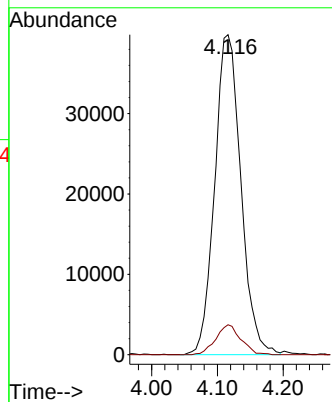
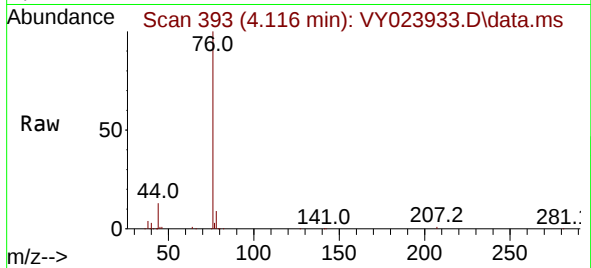




#17
Carbon Disulfide
Concen: 8.887 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

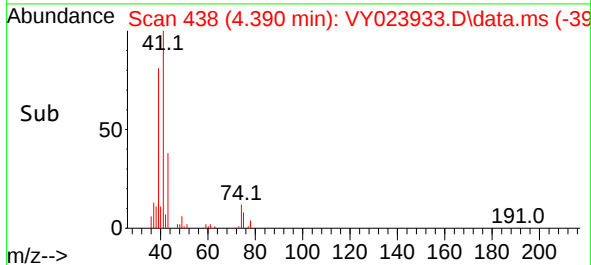
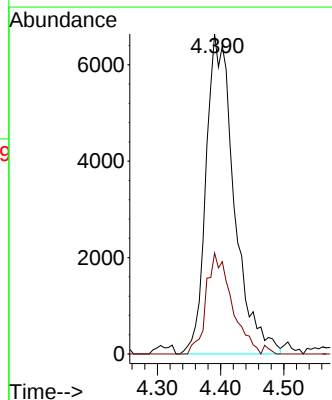
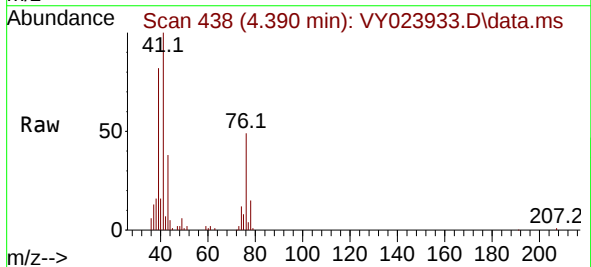
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

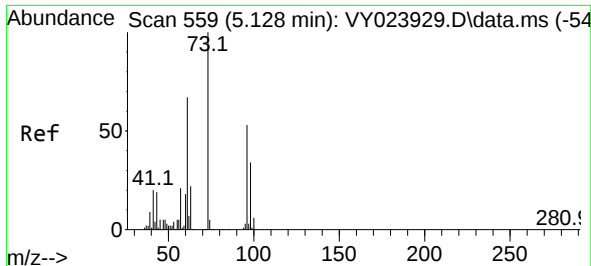
Tgt Ion: 76 Resp: 110280
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 9.980 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 43 Resp: 20556
Ion Ratio Lower Upper
43 100
74 28.6 22.6 33.8





#19

Methyl tert-butyl Ether

Concen: 10.102 ug/l

RT: 5.122 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

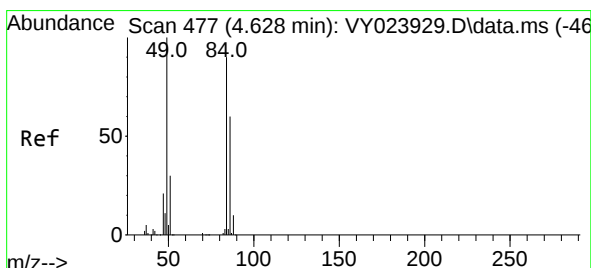
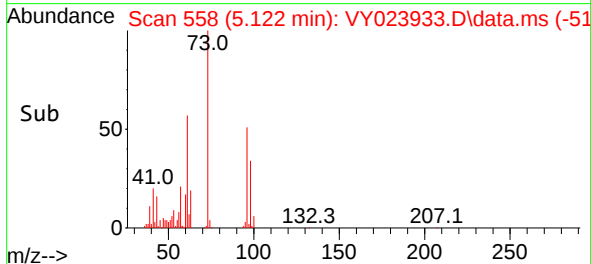
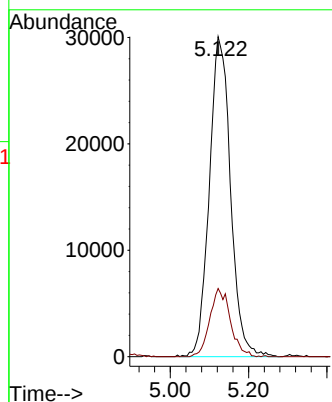
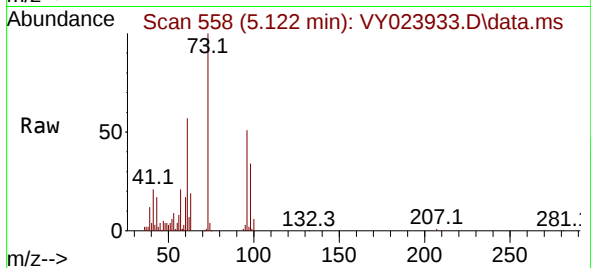
VSTDICC010

Tgt Ion: 73 Resp: 112881

Ion Ratio Lower Upper

73 100

57 21.3 17.1 25.7



#20

Methylene Chloride

Concen: 10.286 ug/l

RT: 4.628 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Tgt Ion: 84 Resp: 55089

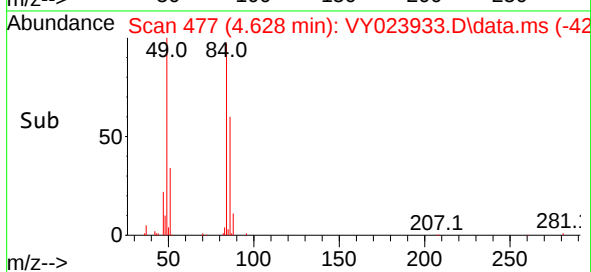
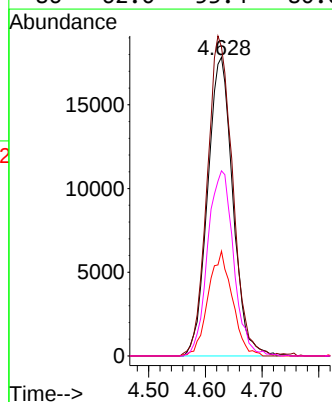
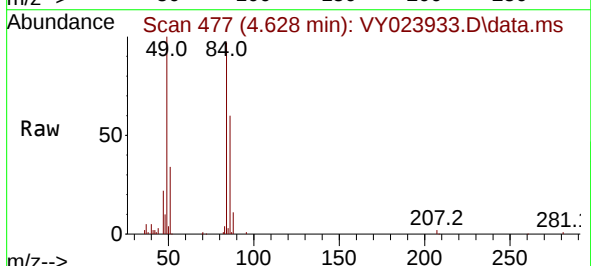
Ion Ratio Lower Upper

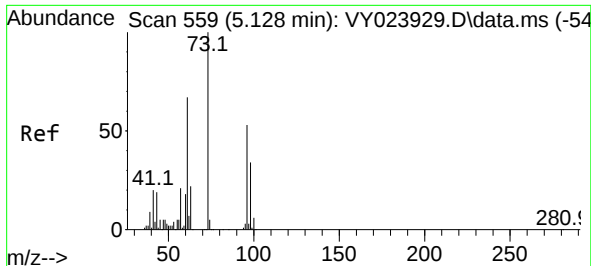
84 100

49 103.5 89.1 133.7

51 35.1 26.6 39.8

86 62.0 53.4 80.0

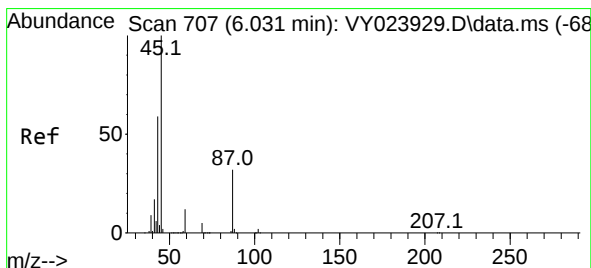
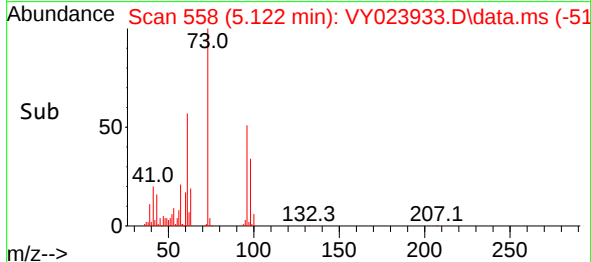
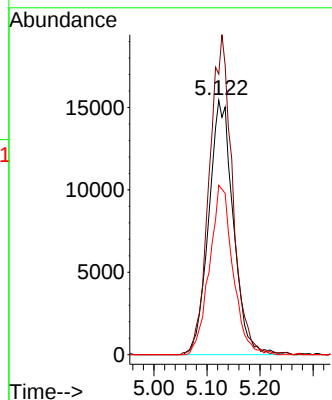
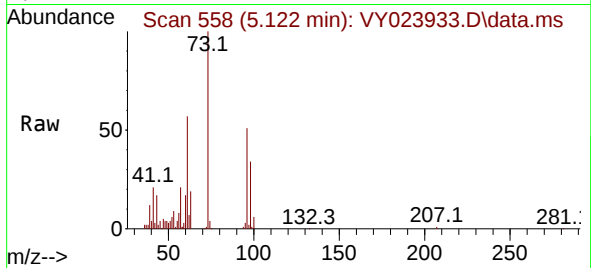




#21
trans-1,2-Dichloroethene
Concen: 9.677 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

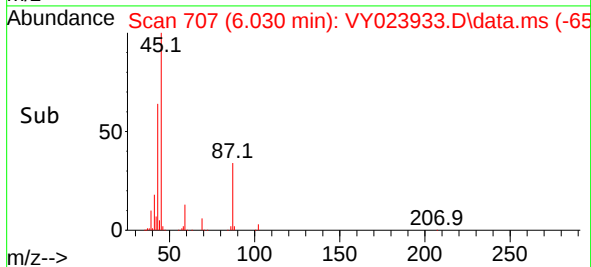
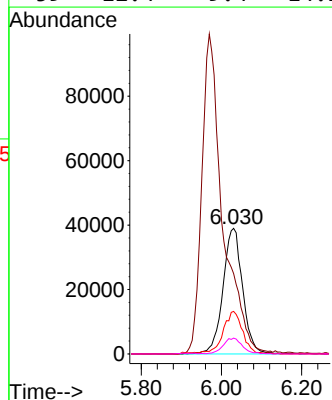
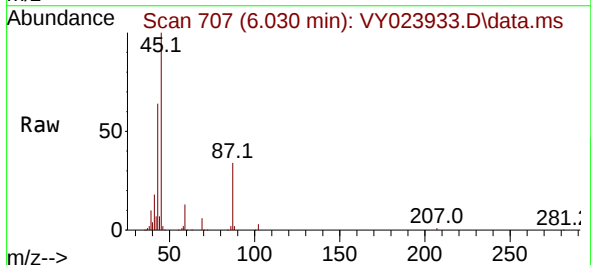
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

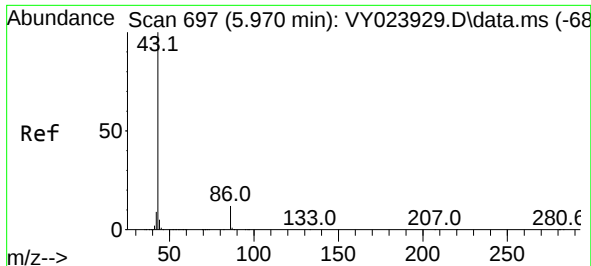
Tgt Ion: 96 Resp: 49641
Ion Ratio Lower Upper
96 100
61 110.4 101.4 152.0
98 66.6 51.7 77.5



#22
Diisopropyl ether
Concen: 9.715 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 45 Resp: 132270
Ion Ratio Lower Upper
45 100
43 63.7 47.0 70.6
87 33.9 26.0 39.0
59 12.4 9.4 14.2

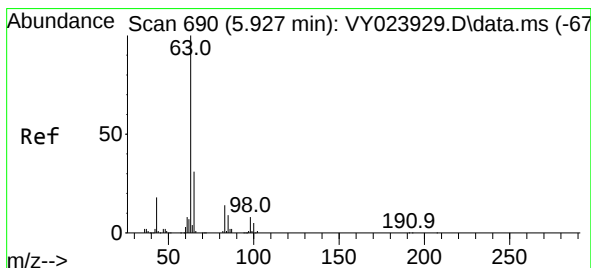
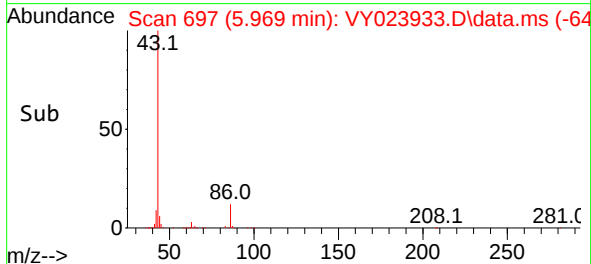
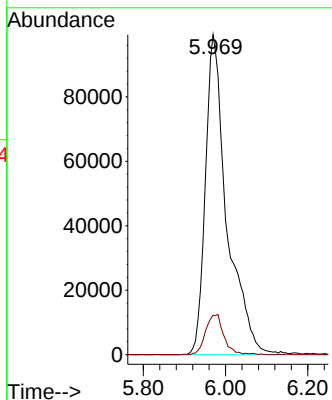
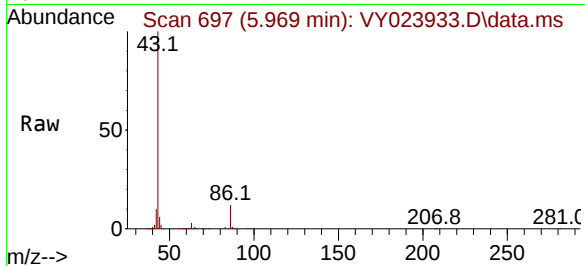




#23
 Vinyl Acetate
 Concen: 47.606 ug/l
 RT: 5.969 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

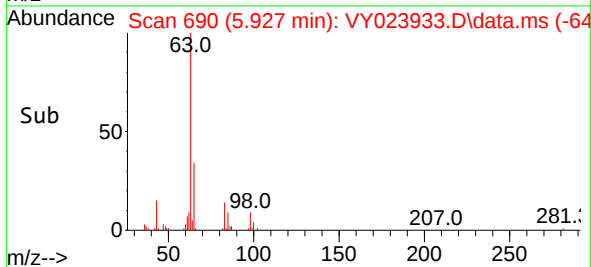
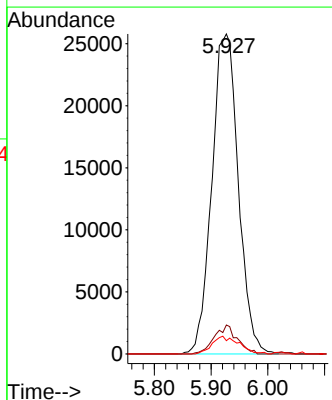
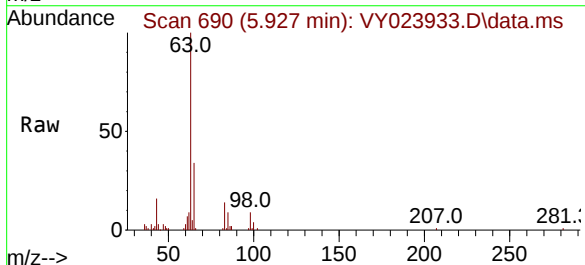
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

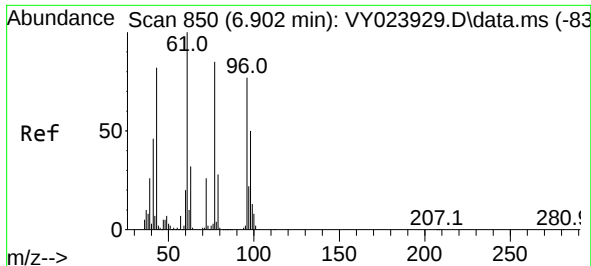
Tgt Ion: 43 Resp: 360128
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 9.843 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

Tgt Ion: 63 Resp: 83531
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.8 11.4
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 53.603 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

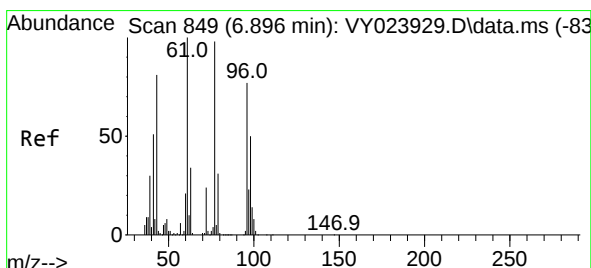
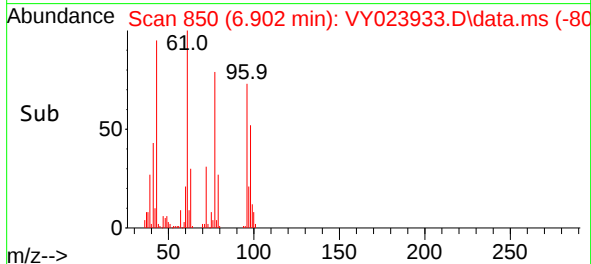
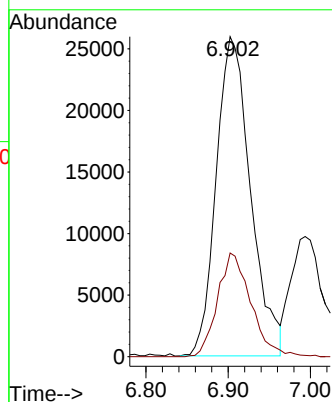
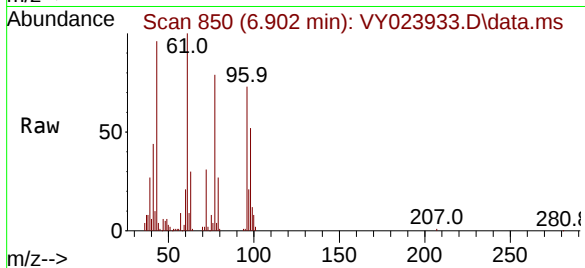
VSTDIC010

Tgt Ion: 43 Resp: 75416

Ion Ratio Lower Upper

43 100

72 32.5 25.0 37.6



#26

2,2-Dichloropropane

Concen: 9.836 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY023933.D

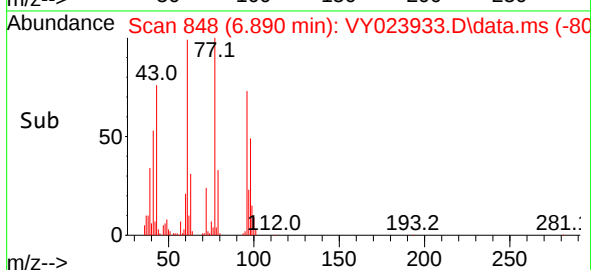
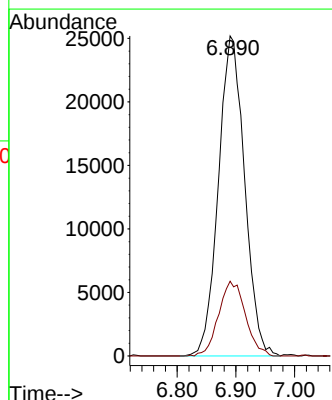
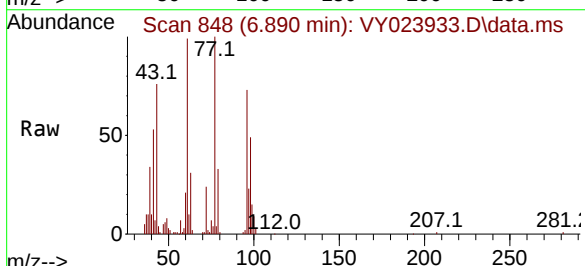
Acq: 10 Dec 2025 11:39

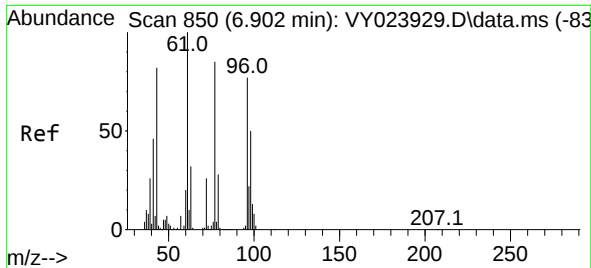
Tgt Ion: 77 Resp: 77936

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9

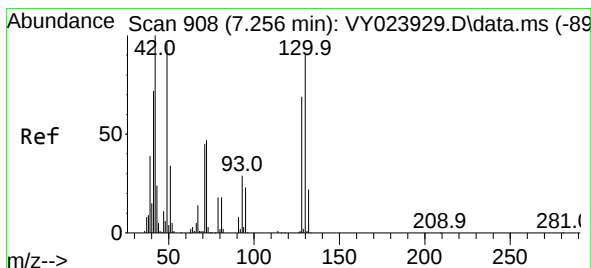
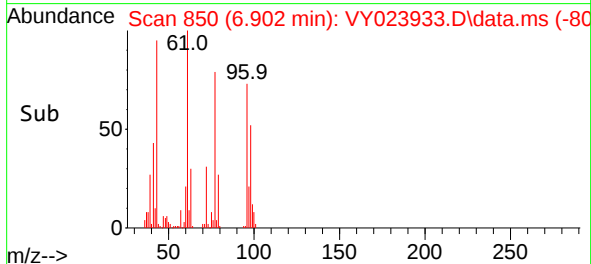
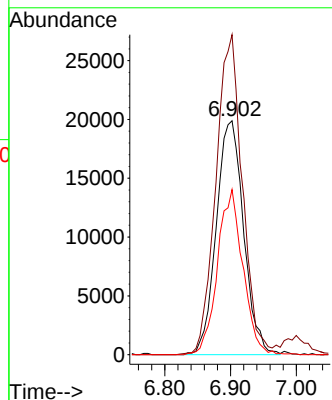
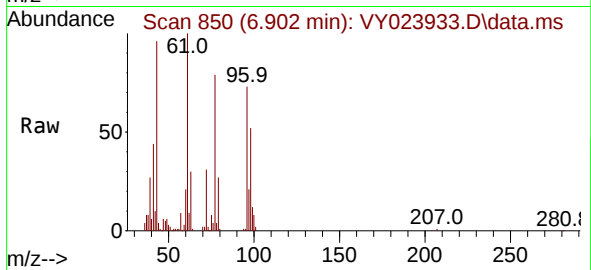




#27
 cis-1,2-Dichloroethene
 Concen: 9.778 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

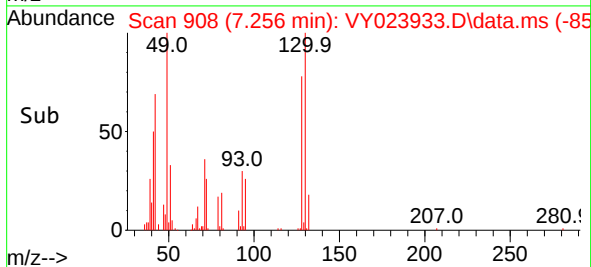
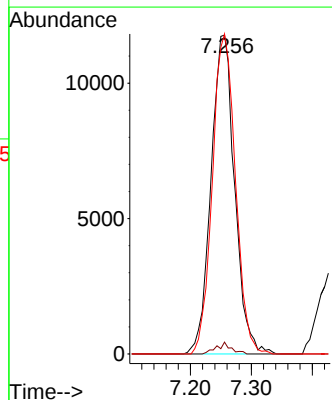
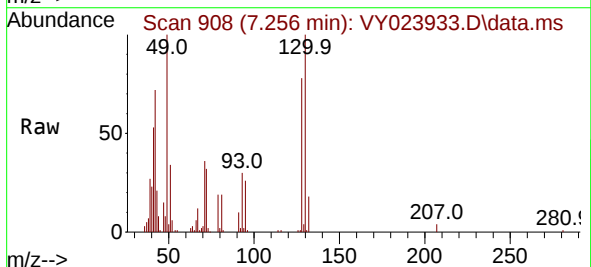
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

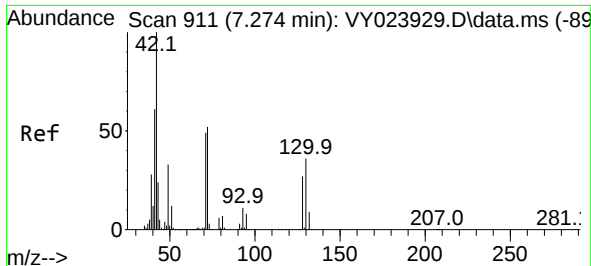
Tgt Ion: 96 Resp: 57578
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 264.6
 98 65.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 9.928 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

Tgt Ion: 49 Resp: 31738
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 98.0 74.4 111.6





#29

Tetrahydrofuran

Concen: 51.034 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

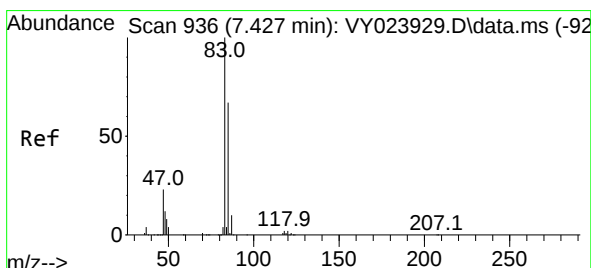
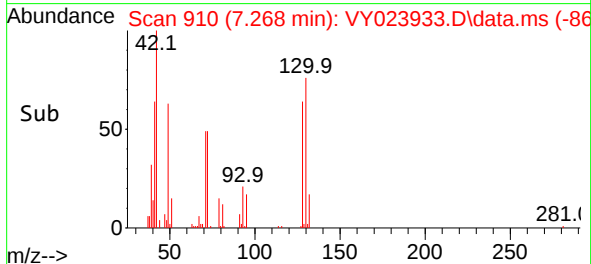
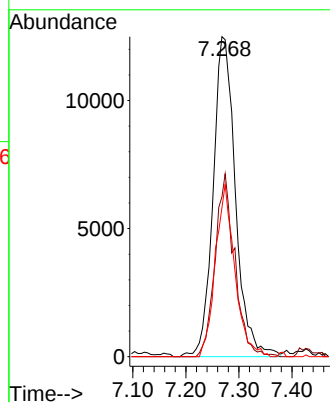
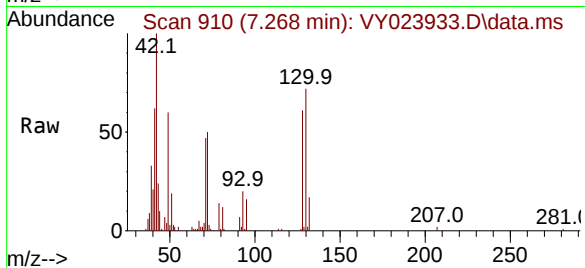
Tgt Ion: 42 Resp: 36618

Ion Ratio Lower Upper

42 100

72 50.1 40.0 60.0

71 46.9 37.7 56.5



#30

Chloroform

Concen: 10.256 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023933.D

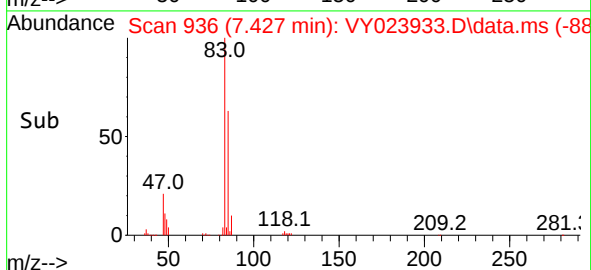
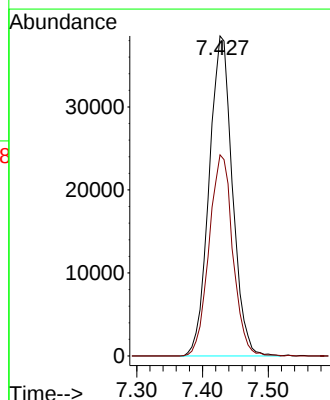
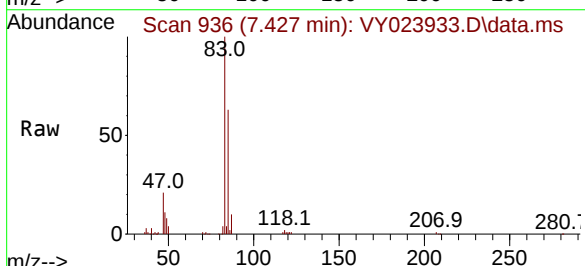
Acq: 10 Dec 2025 11:39

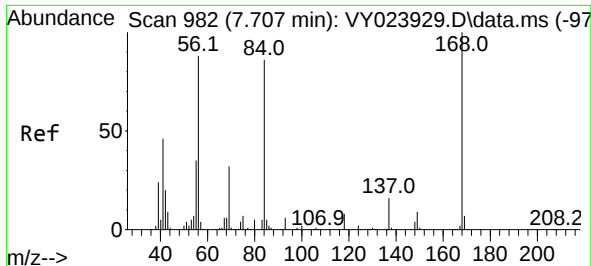
Tgt Ion: 83 Resp: 95068

Ion Ratio Lower Upper

83 100

85 62.8 53.4 80.0

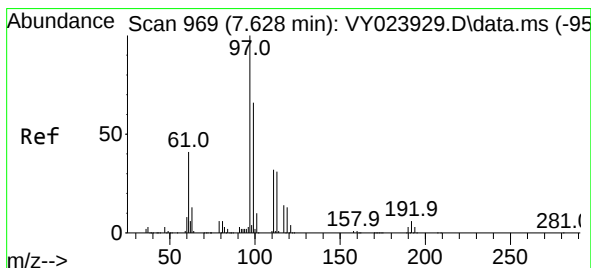
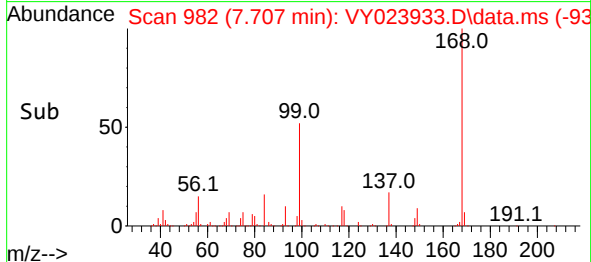
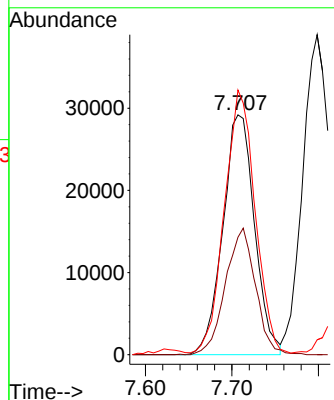
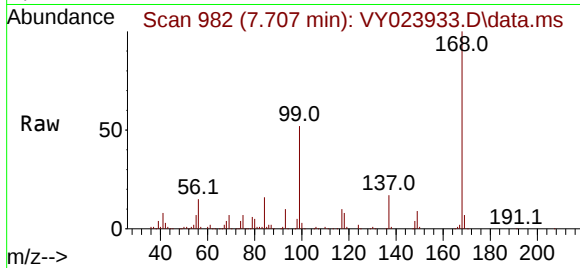




#31
Cyclohexane
Concen: 9.517 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

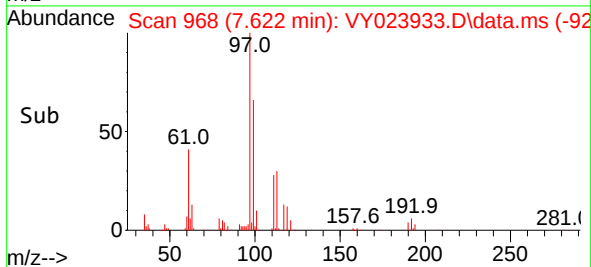
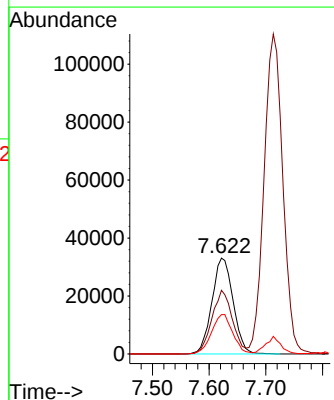
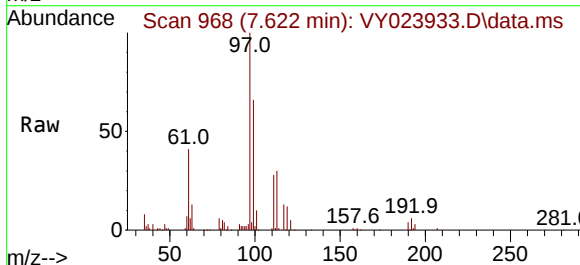
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

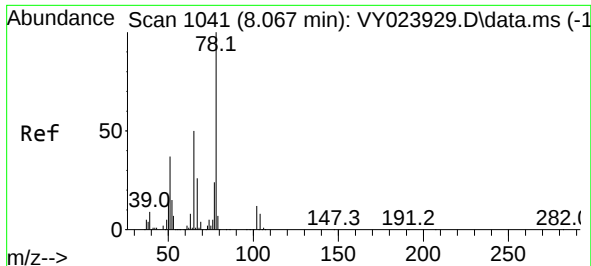
Tgt Ion: 56 Resp: 74302
Ion Ratio Lower Upper
56 100
69 48.7 29.1 43.7#
84 108.9 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 9.991 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 97 Resp: 85884
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 41.1 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 10.929 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

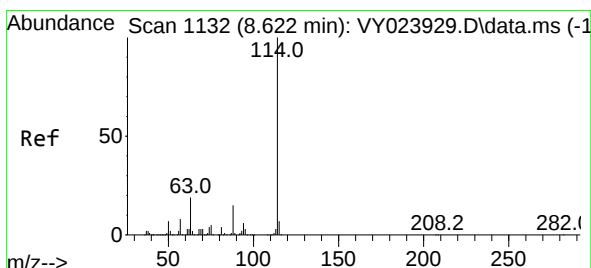
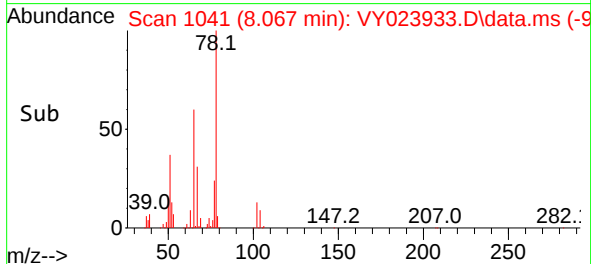
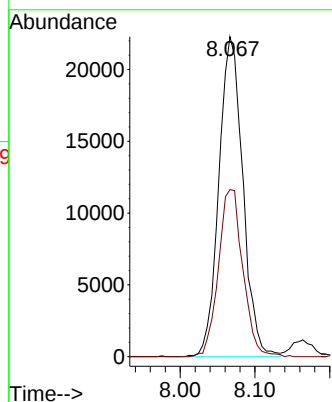
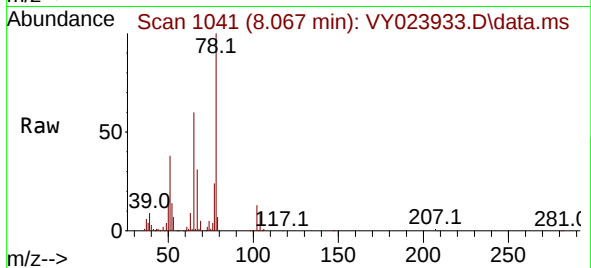
VSTDIC010

Tgt Ion: 65 Resp: 49754

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

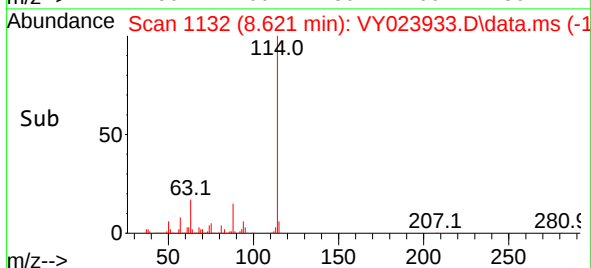
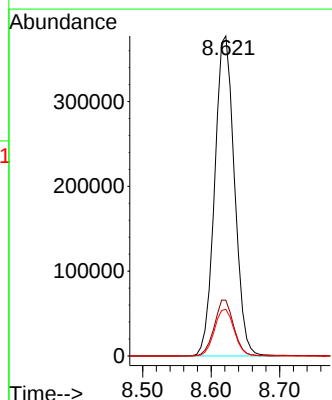
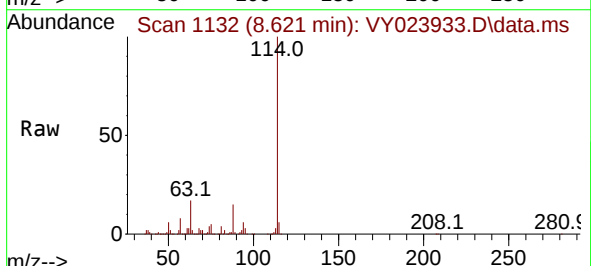
Tgt Ion: 114 Resp: 753135

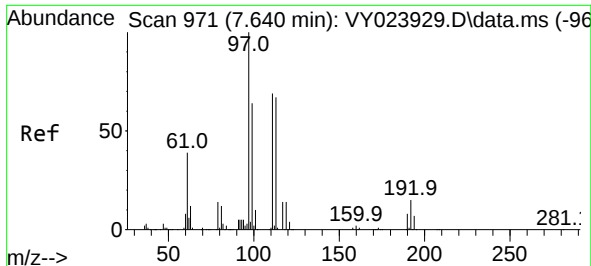
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.2

88 14.6 0.0 29.4

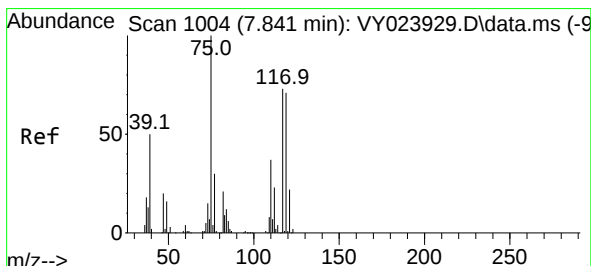
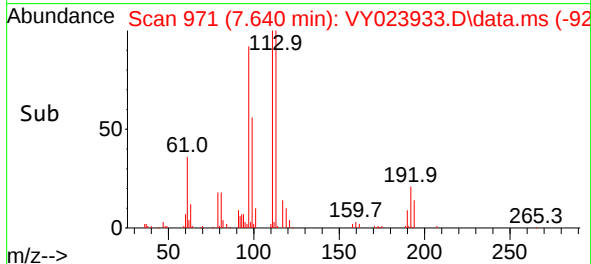
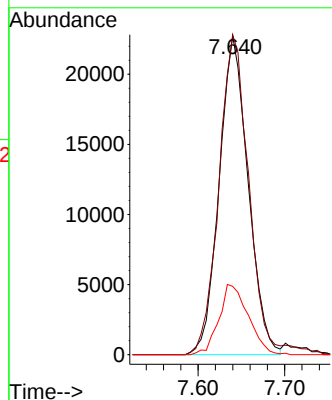
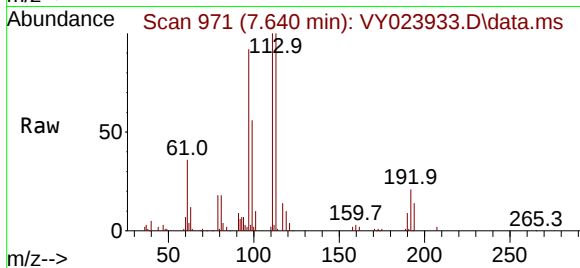




#35
Dibromofluoromethane
Concen: 10.699 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

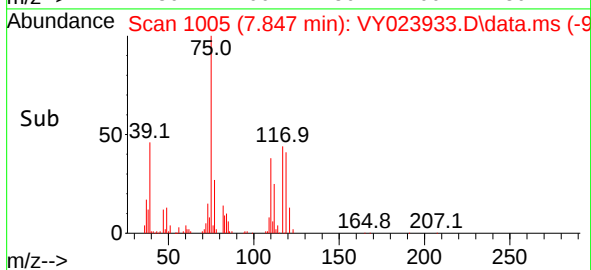
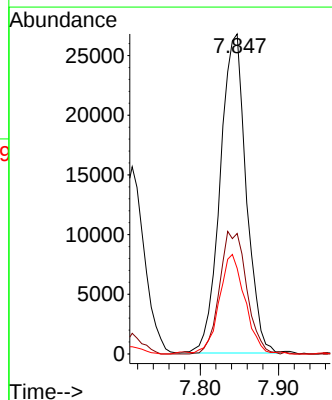
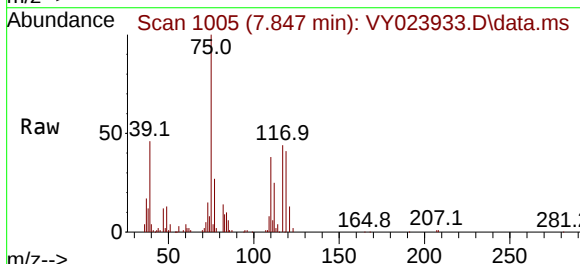
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

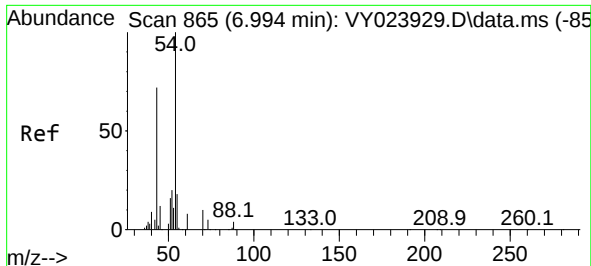
Tgt Ion:113 Resp: 52671
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 22.4 17.9 26.9



#36
1,1-Dichloropropene
Concen: 9.219 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 75 Resp: 61791
Ion Ratio Lower Upper
75 100
110 40.0 19.2 57.6
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 9.774 ug/l

RT: 6.994 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

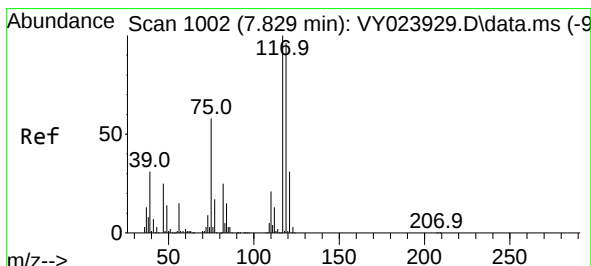
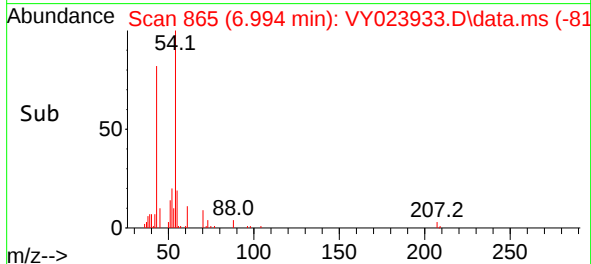
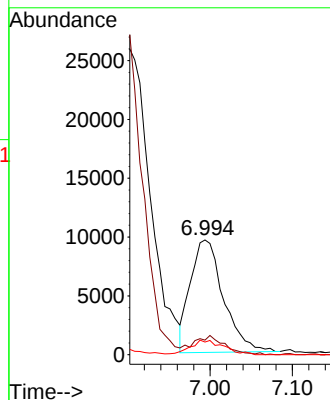
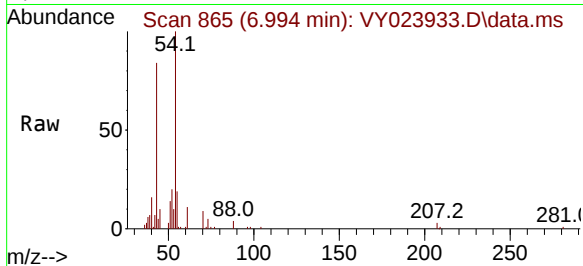
Tgt Ion: 43 Resp: 26675

Ion Ratio Lower Upper

43 100

61 16.1 11.9 17.9

70 13.0 9.2 13.8



#38

Carbon Tetrachloride

Concen: 9.740 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

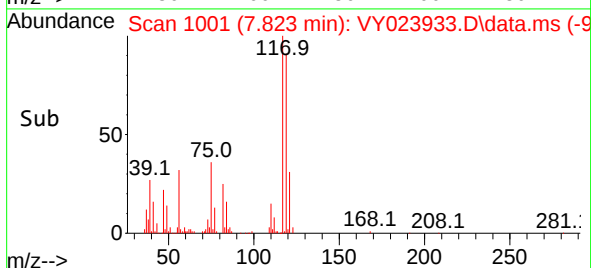
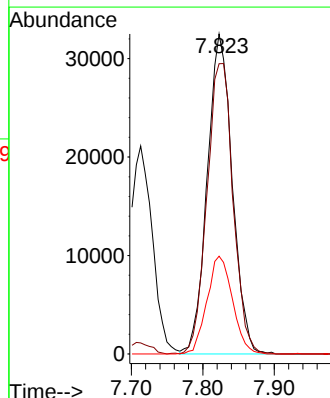
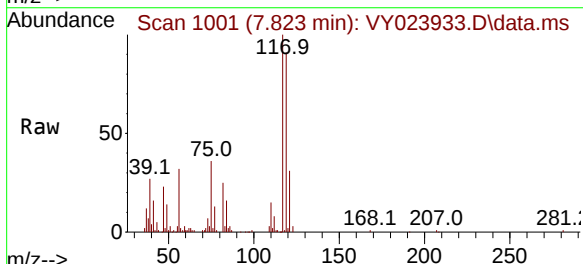
Tgt Ion: 117 Resp: 79132

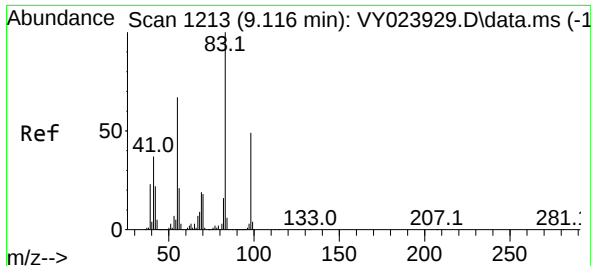
Ion Ratio Lower Upper

117 100

119 90.7 76.6 114.8

121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 8.991 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

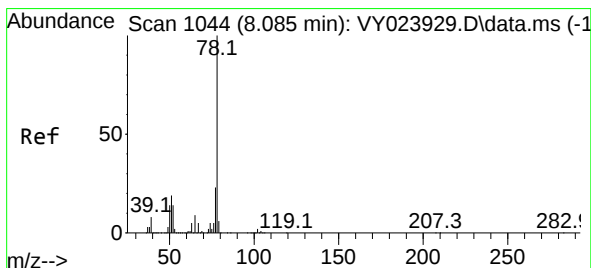
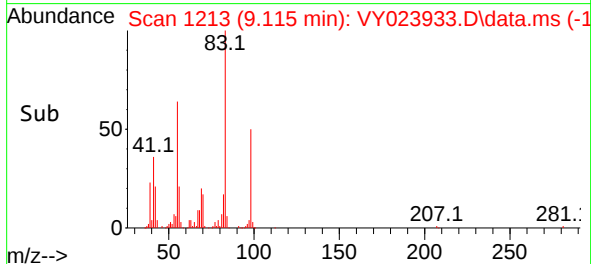
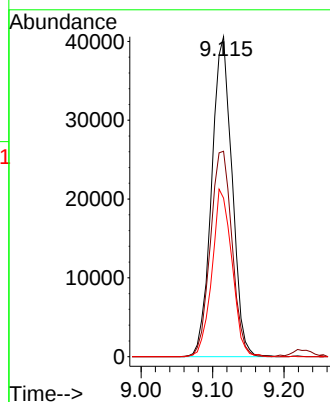
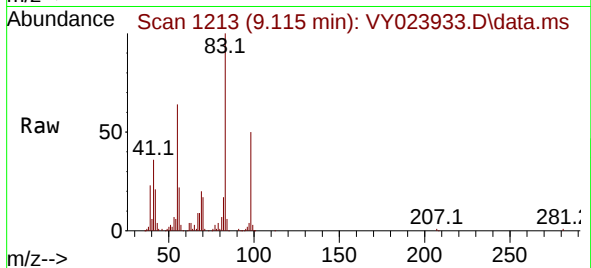
Tgt Ion: 83 Resp: 80511

Ion Ratio Lower Upper

83 100

55 64.2 53.4 80.0

98 49.6 39.2 58.8



#40

Benzene

Concen: 9.616 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023933.D

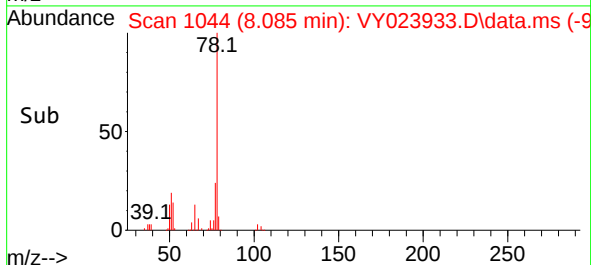
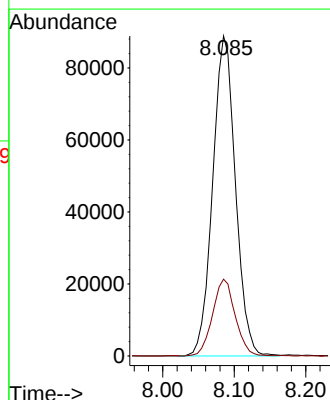
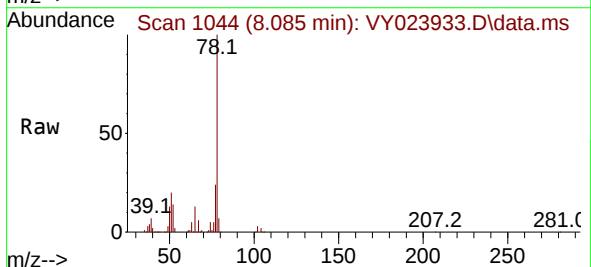
Acq: 10 Dec 2025 11:39

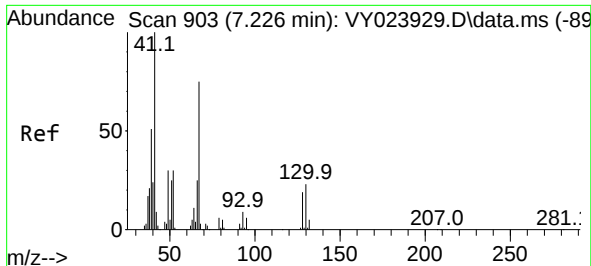
Tgt Ion: 78 Resp: 196271

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

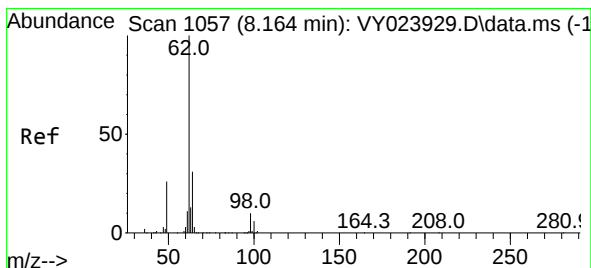
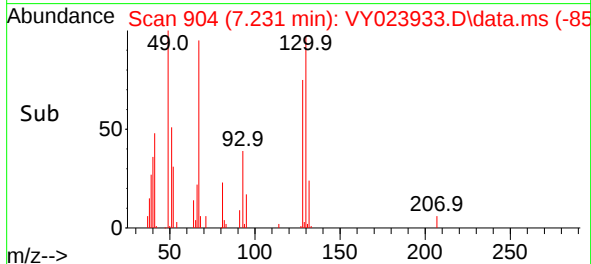
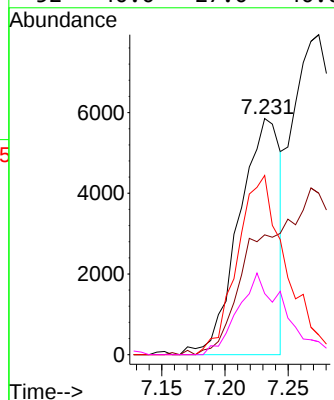
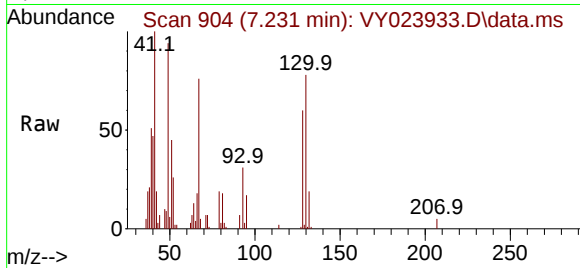




#41
Methacrylonitrile
Concen: 8.819 ug/l
RT: 7.231 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

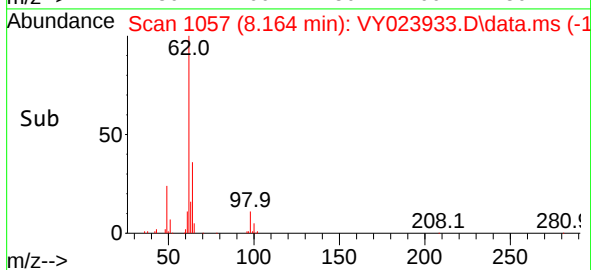
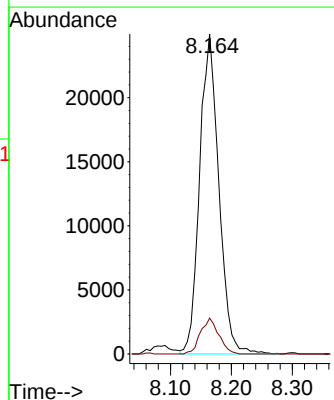
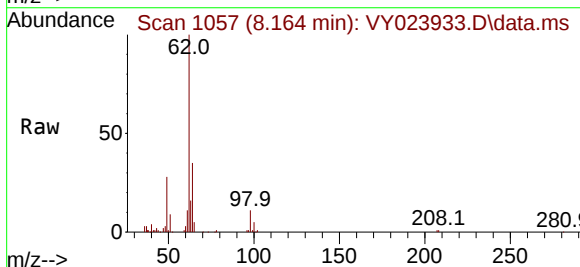
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

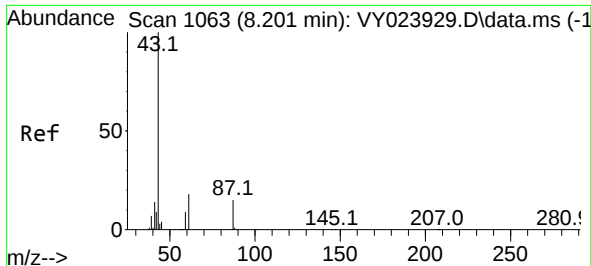
Tgt Ion: 41 Resp: 13242
Ion Ratio Lower Upper
41 100
39 0.0 50.6 75.8#
67 92.6 68.0 102.0
52 40.0 27.0 40.6



#42
1,2-Dichloroethane
Concen: 10.224 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 62 Resp: 54725
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8

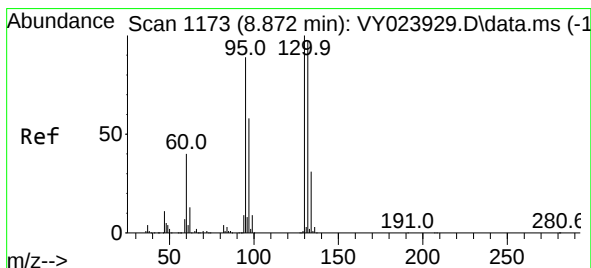
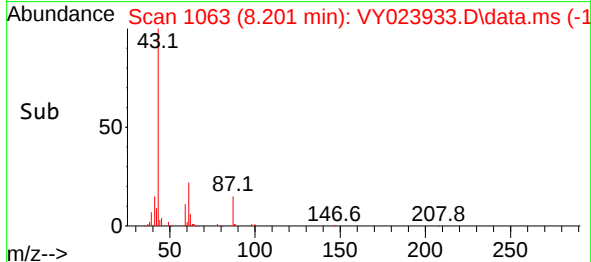
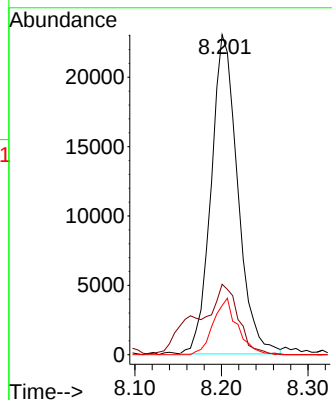
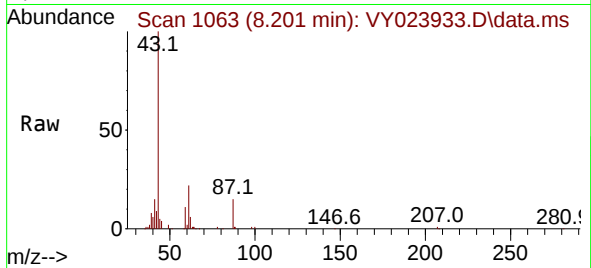




#43
Isopropyl Acetate
Concen: 9.576 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

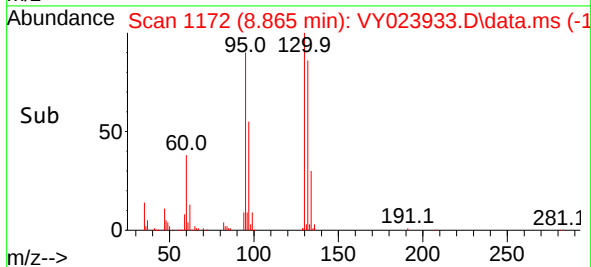
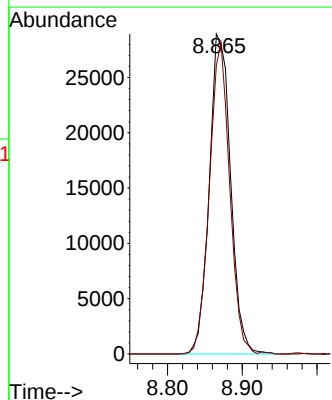
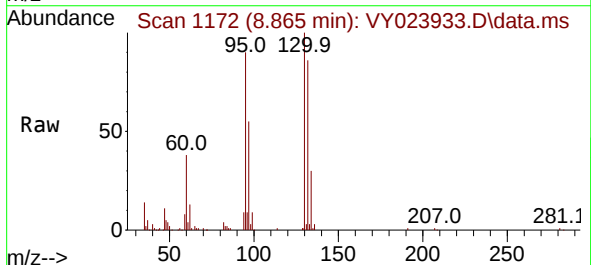
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

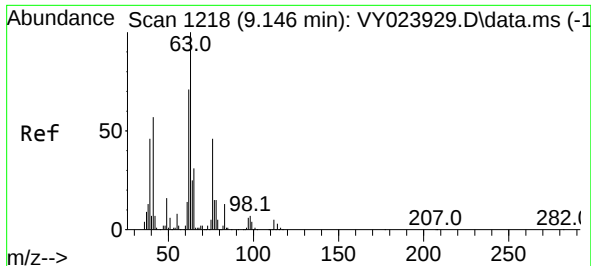
Tgt Ion: 43 Resp: 49222
Ion Ratio Lower Upper
43 100
61 22.3 17.4 26.2
87 16.1 12.3 18.5



#44
Trichloroethene
Concen: 9.692 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 130 Resp: 57358
Ion Ratio Lower Upper
130 100
95 90.3 0.0 178.8





#45

1,2-Dichloropropane

Concen: 9.773 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

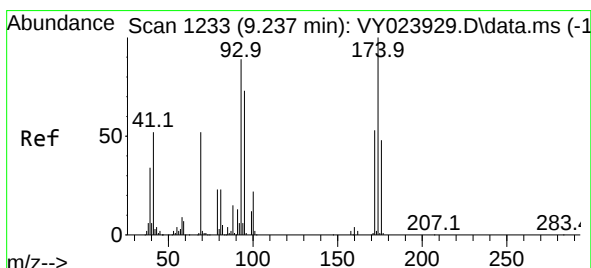
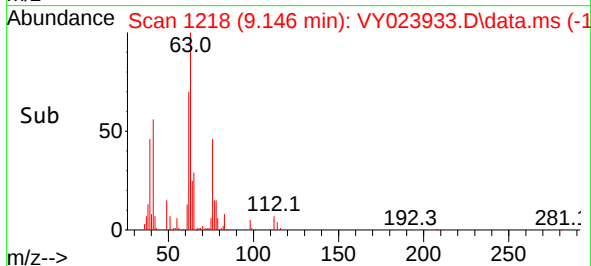
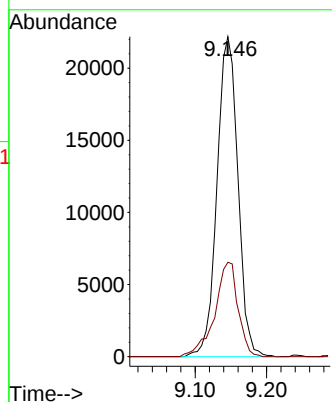
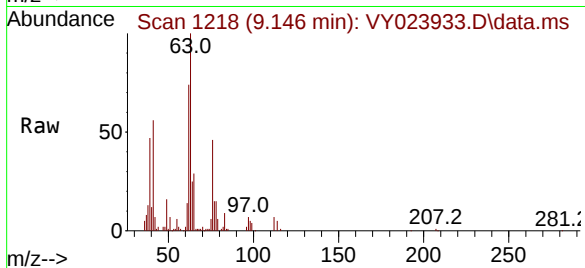
VSTDIC010

Tgt Ion: 63 Resp: 45008

Ion Ratio Lower Upper

63 100

65 29.5 25.1 37.7



#46

Dibromomethane

Concen: 10.083 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

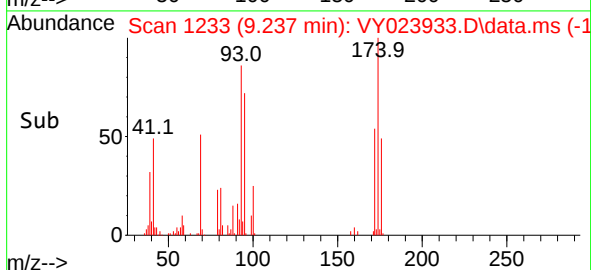
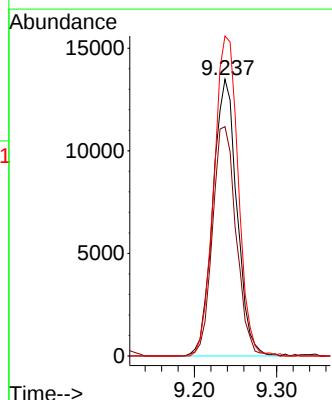
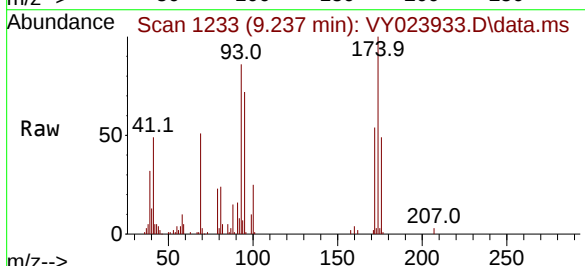
Tgt Ion: 93 Resp: 27347

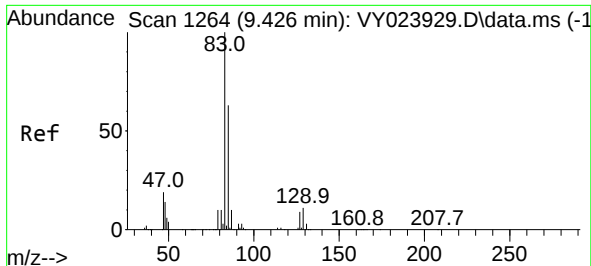
Ion Ratio Lower Upper

93 100

95 81.7 65.1 97.7

174 116.9 90.6 136.0

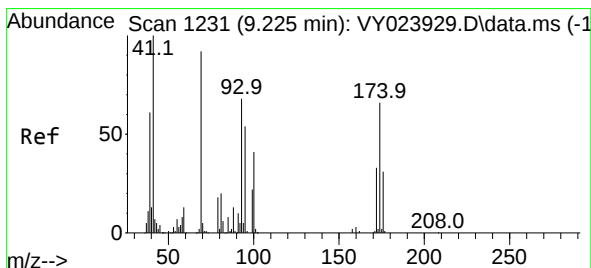
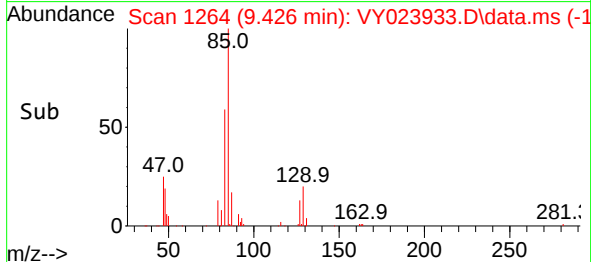
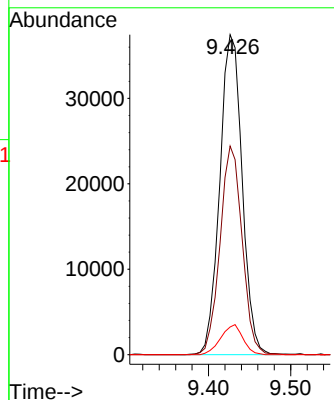
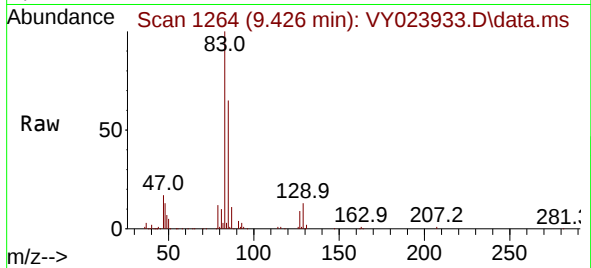




#47
Bromodichloromethane
Concen: 9.944 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

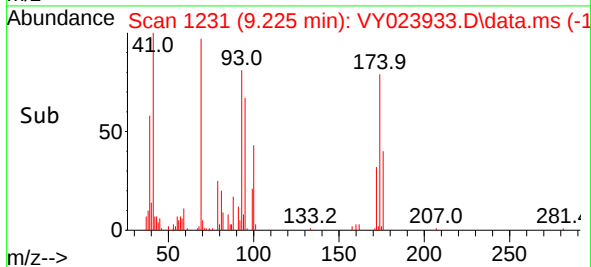
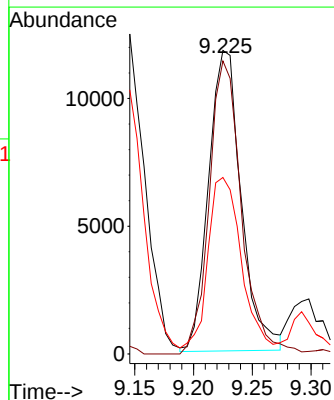
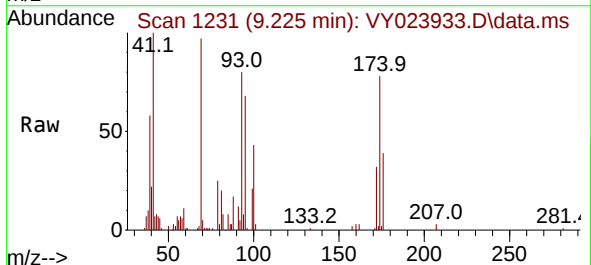
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

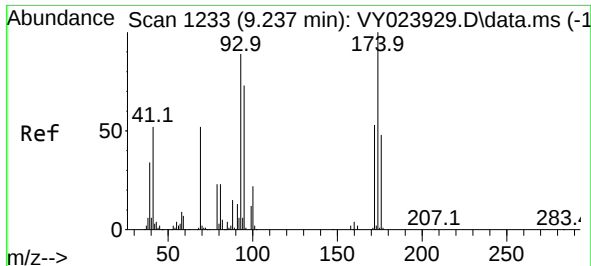
Tgt Ion: 83 Resp: 70953
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 9.516 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 41 Resp: 22772
Ion Ratio Lower Upper
41 100
69 96.5 74.7 112.1
39 57.6 47.4 71.2





#49

1,4-Dioxane

Concen: 202.396 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

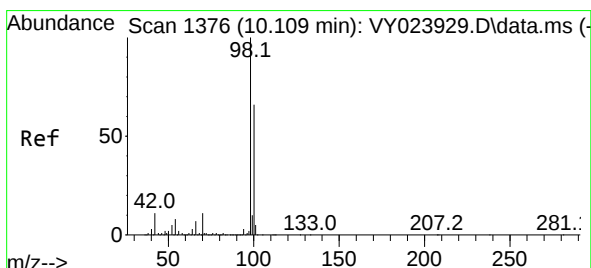
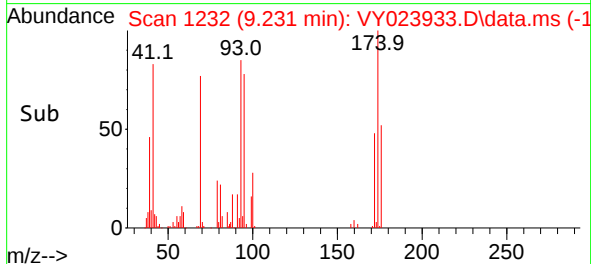
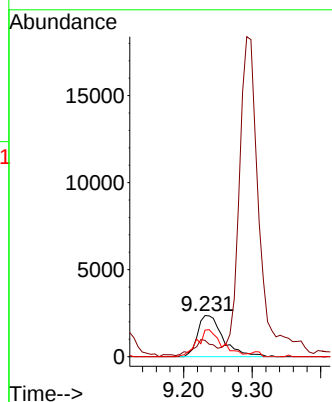
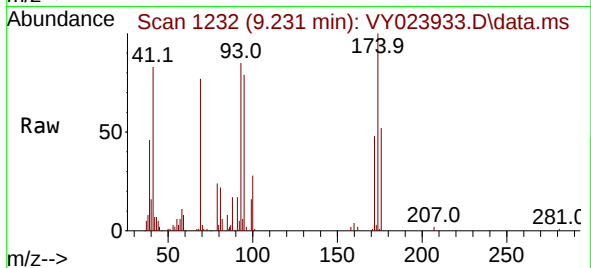
Tgt Ion: 88 Resp: 6120

Ion Ratio Lower Upper

88 100

43 30.1 22.3 33.5

58 64.1 52.3 78.5



#50

Toluene-d8

Concen: 10.742 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023933.D

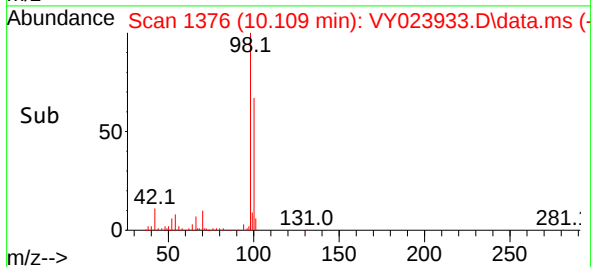
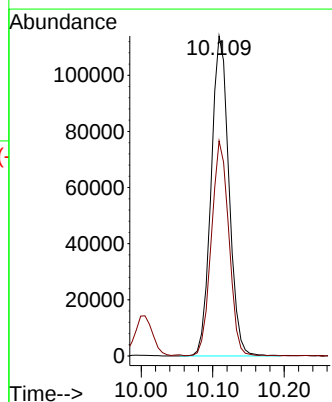
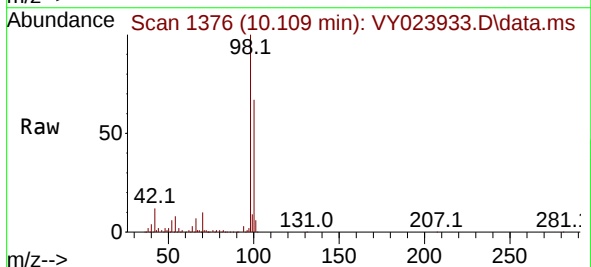
Acq: 10 Dec 2025 11:39

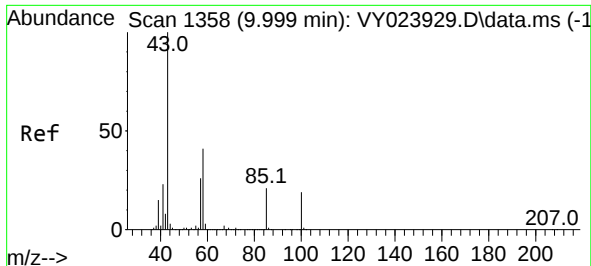
Tgt Ion: 98 Resp: 196891

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2

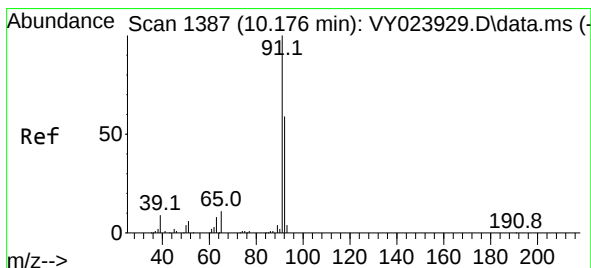
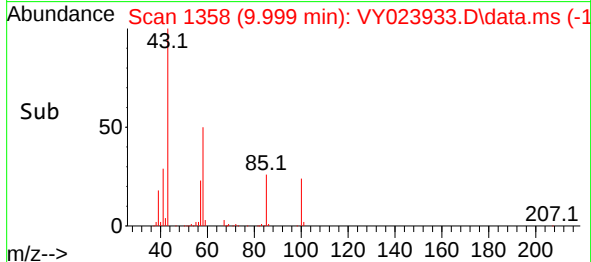
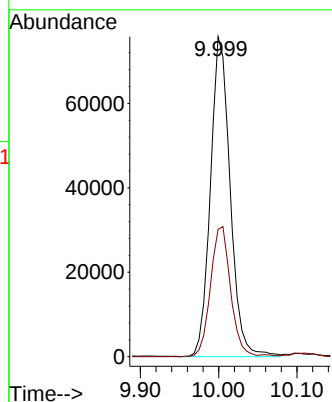
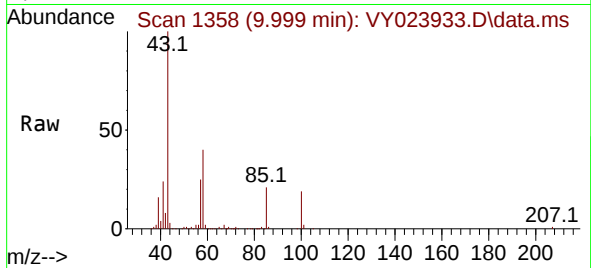




#51
4-Methyl-2-Pentanone
Concen: 48.735 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

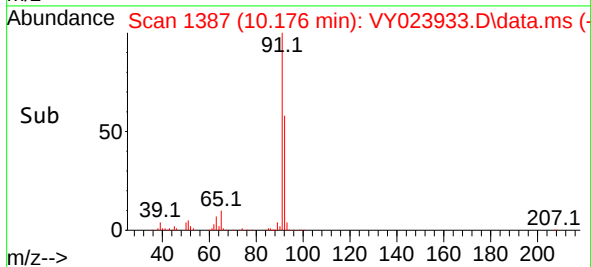
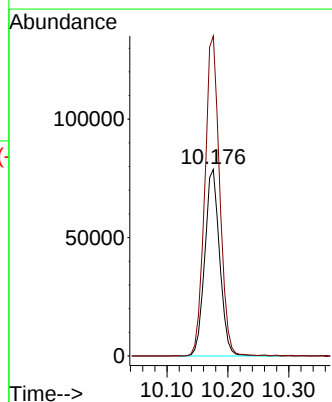
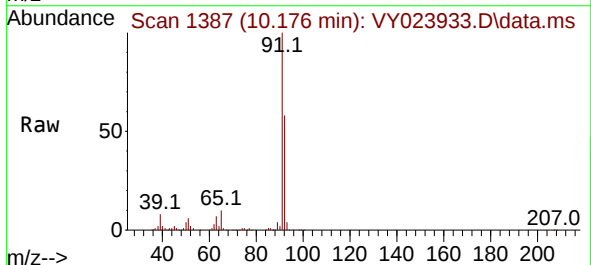
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

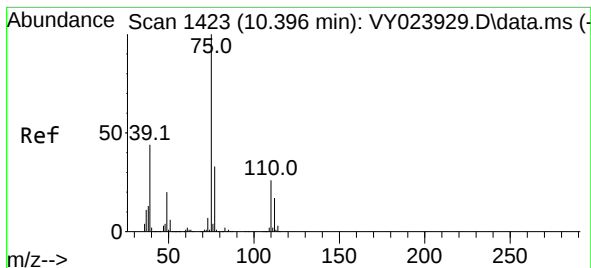
Tgt Ion: 43 Resp: 132729
Ion Ratio Lower Upper
43 100
58 41.5 33.1 49.7



#52
Toluene
Concen: 9.911 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 92 Resp: 133861
Ion Ratio Lower Upper
92 100
91 171.3 135.8 203.6

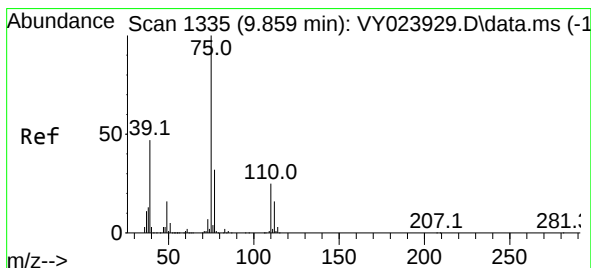
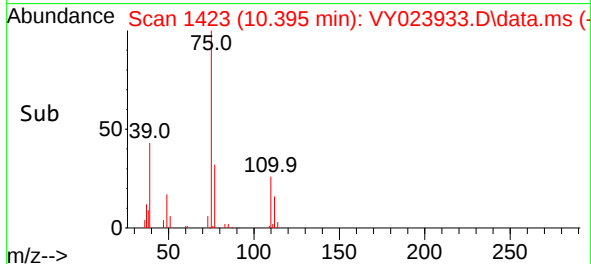
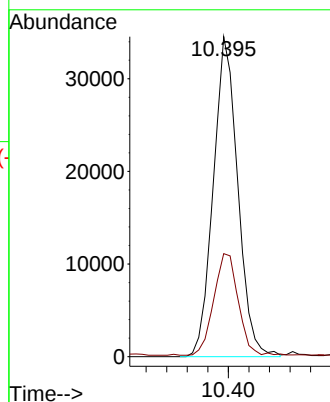
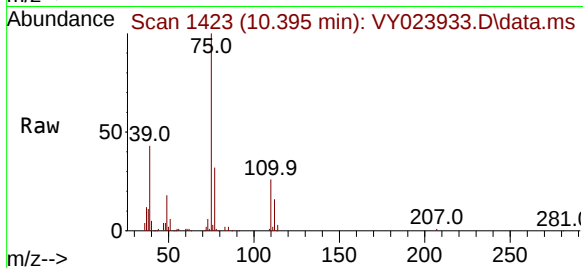




#53
t-1,3-Dichloropropene
Concen: 9.256 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

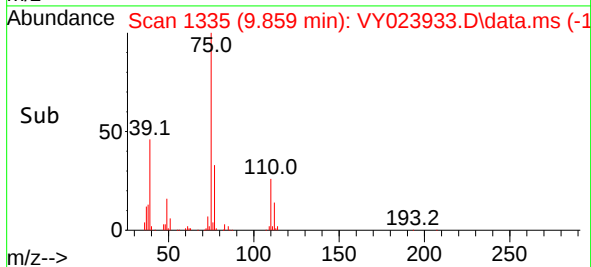
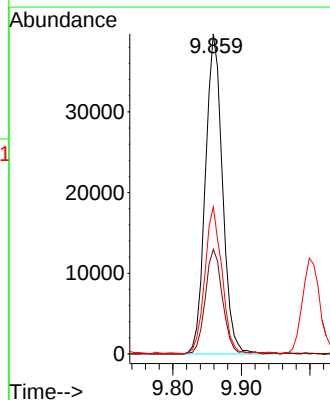
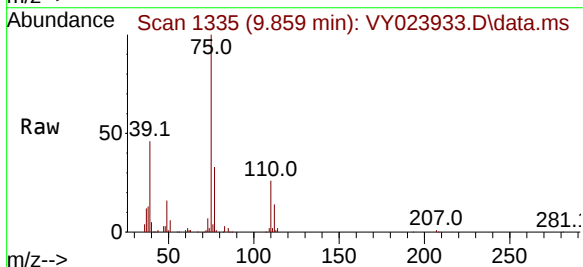
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

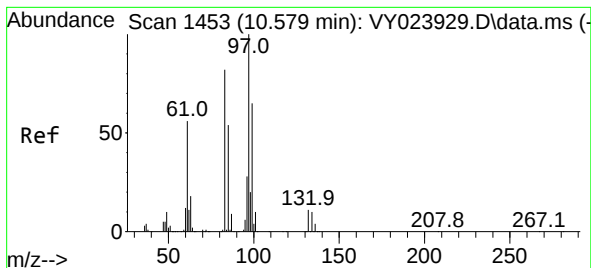
Tgt Ion: 75 Resp: 57073
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 9.532 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 75 Resp: 69259
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 45.8 37.6 56.4



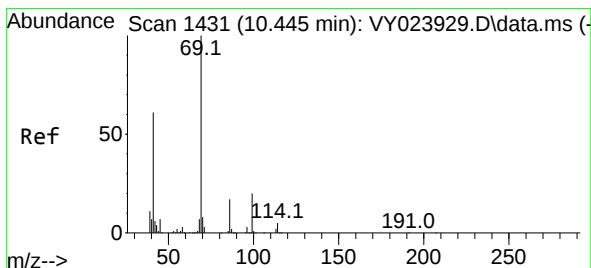
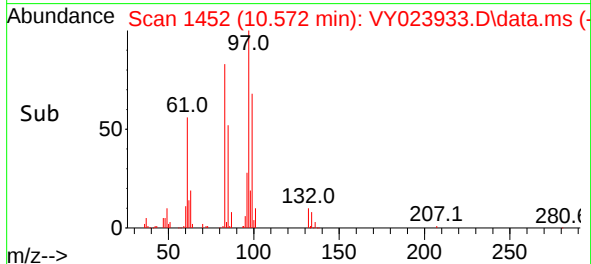
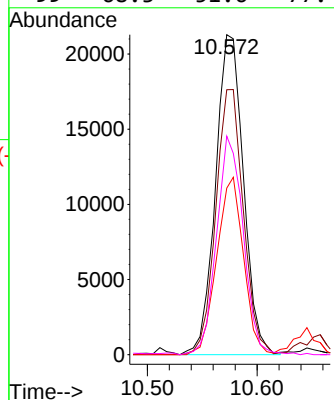
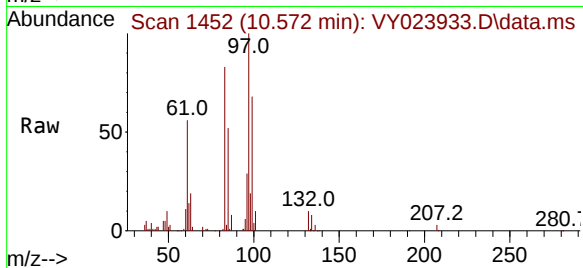


#55
1,1,2-Trichloroethane
Concen: 10.088 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 37659

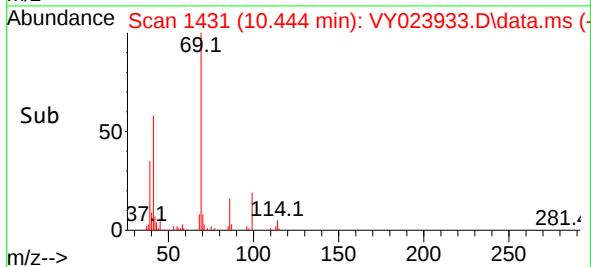
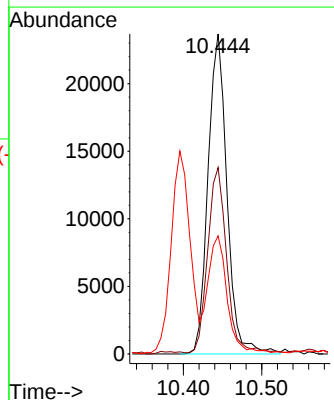
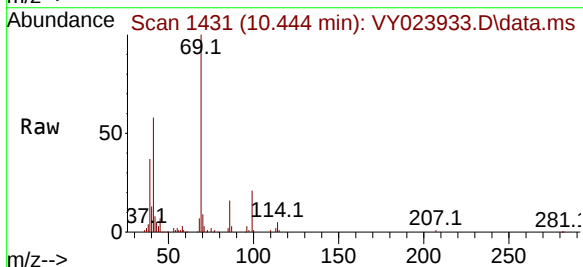
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.8	98.6
85	52.0	43.1	64.7
99	68.3	51.6	77.4

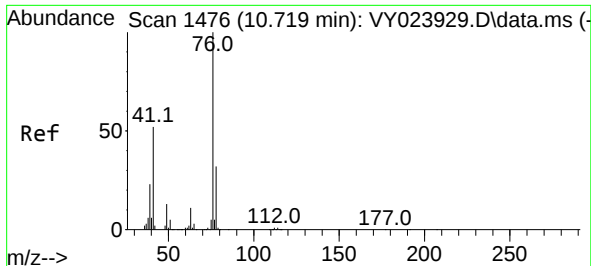


#56
Ethyl methacrylate
Concen: 8.970 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 69 Resp: 39697

Ion	Ratio	Lower	Upper
69	100		
41	57.8	49.0	73.4
39	37.8	29.1	43.7





#57

1,3-Dichloropropane

Concen: 10.021 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

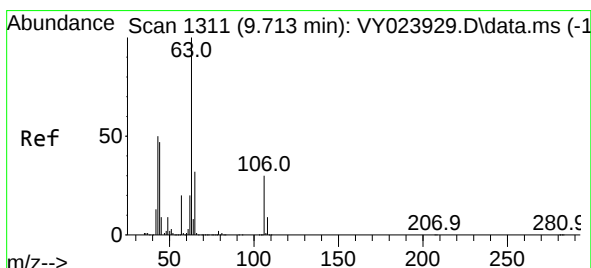
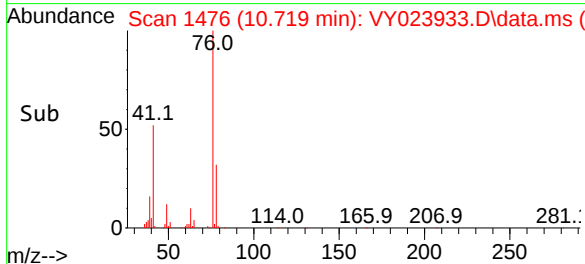
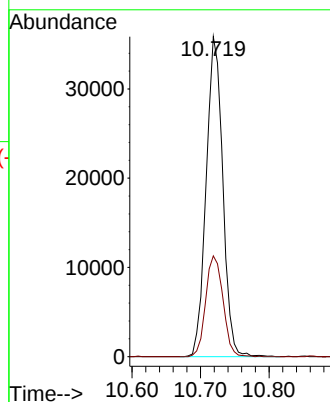
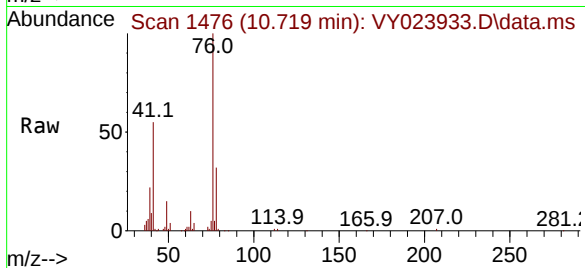
VSTDIC010

Tgt Ion: 76 Resp: 60505

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 51.751 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023933.D

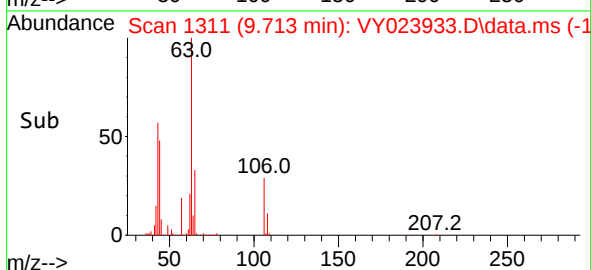
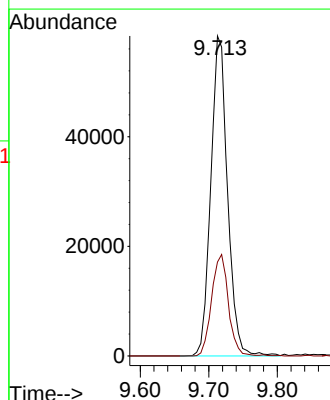
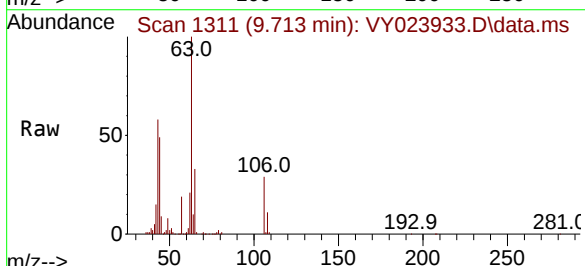
Acq: 10 Dec 2025 11:39

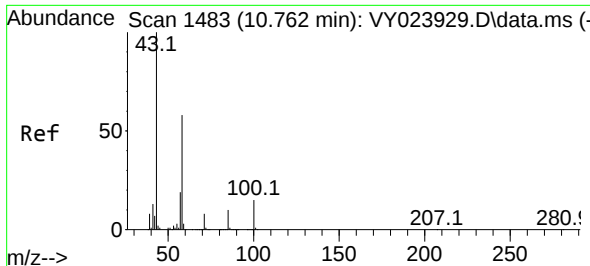
Tgt Ion: 63 Resp: 99207

Ion Ratio Lower Upper

63 100

106 31.7 25.2 37.8

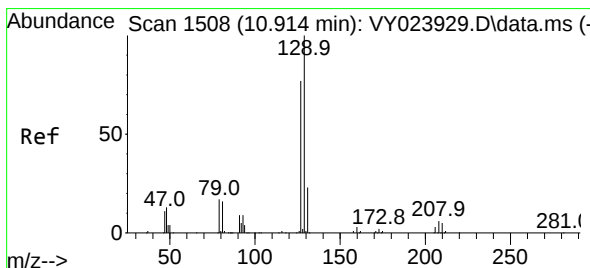
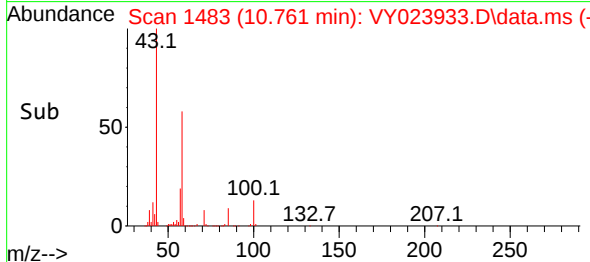
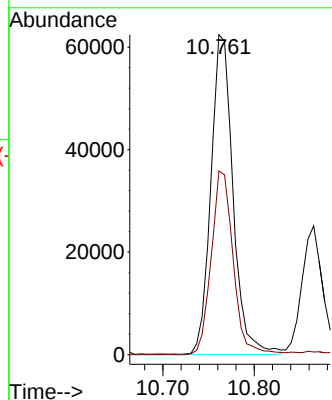
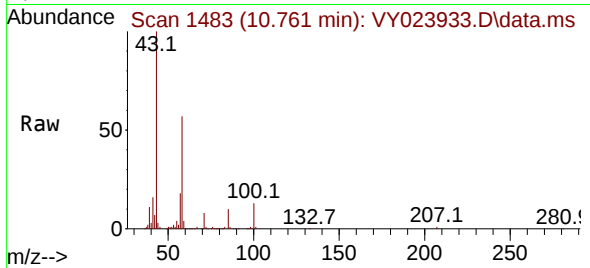




#59
2-Hexanone
Concen: 50.642 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

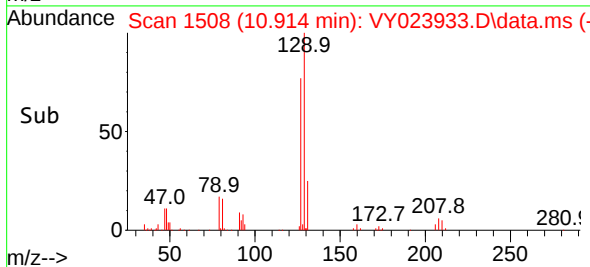
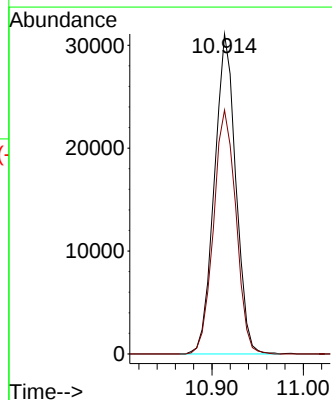
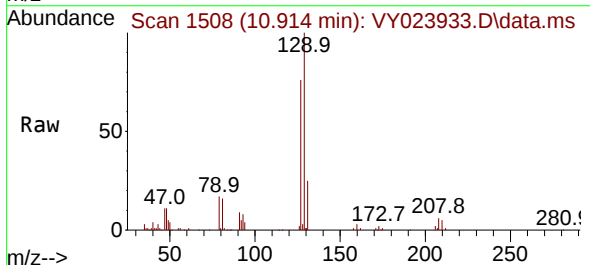
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

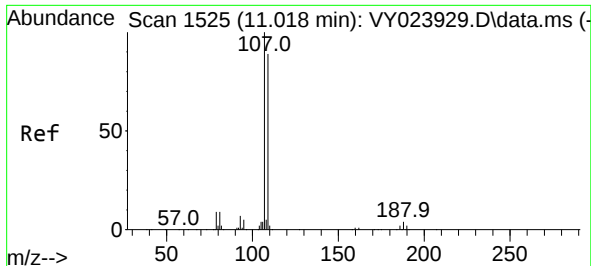
Tgt Ion: 43 Resp: 104677
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.0



#60
Dibromochloromethane
Concen: 9.807 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 129 Resp: 50690
Ion Ratio Lower Upper
129 100
127 79.5 38.1 114.5

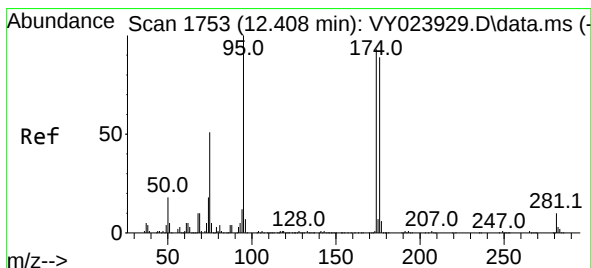
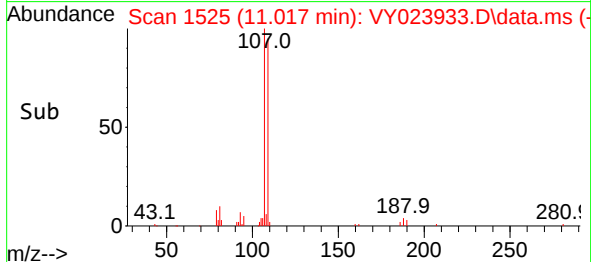
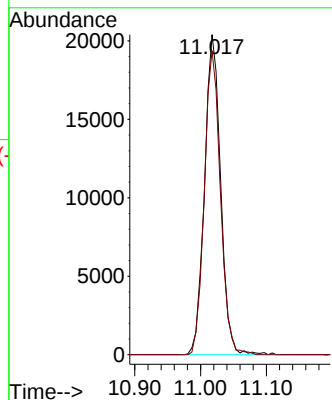
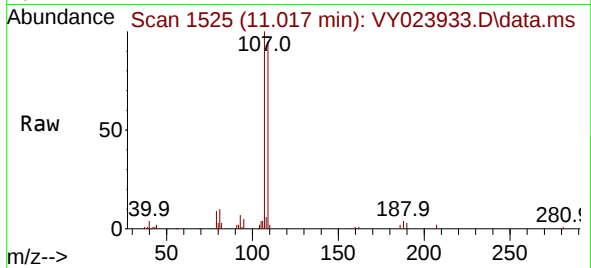




#61
1,2-Dibromoethane
Concen: 10.025 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

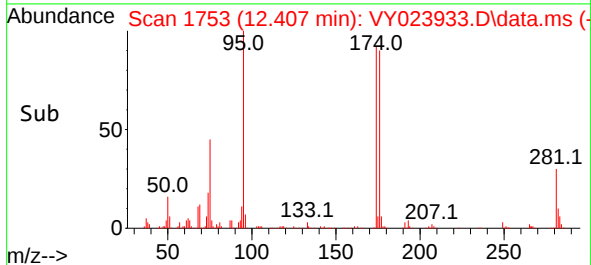
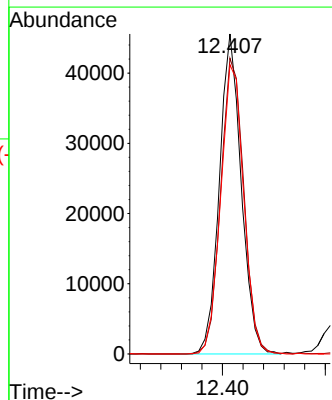
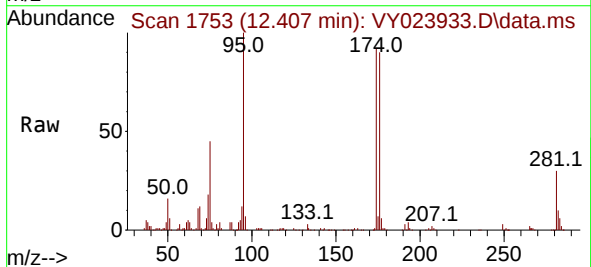
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

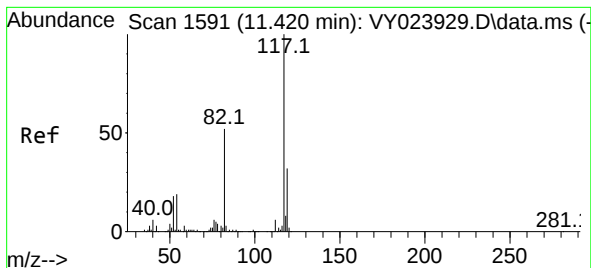
Tgt Ion:107 Resp: 34679
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 10.992 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 95 Resp: 67282
Ion Ratio Lower Upper
95 100
174 97.4 0.0 187.4
176 95.0 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

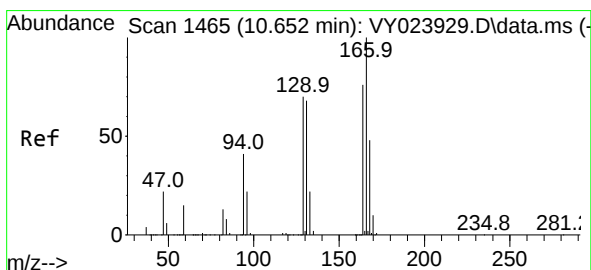
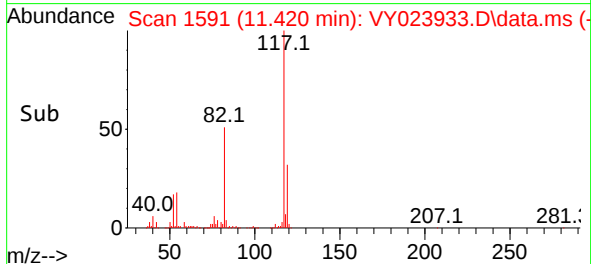
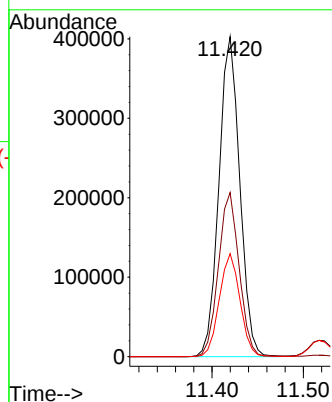
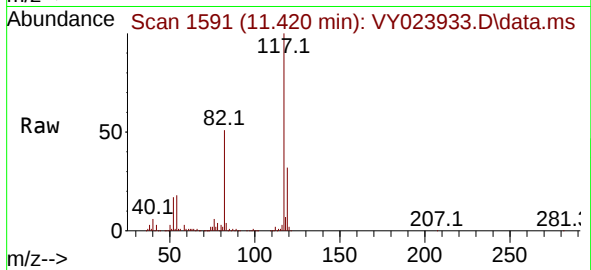
Tgt Ion:117 Resp: 638832

Ion Ratio Lower Upper

117 100

82 51.3 41.4 62.2

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 10.050 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Tgt Ion:164 Resp: 68972

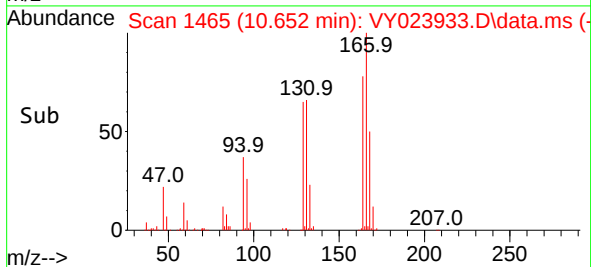
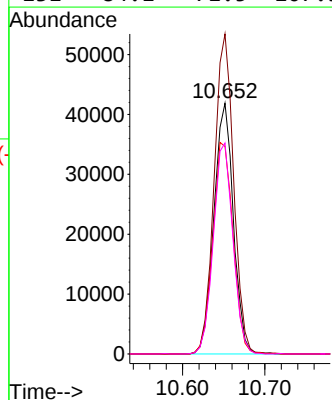
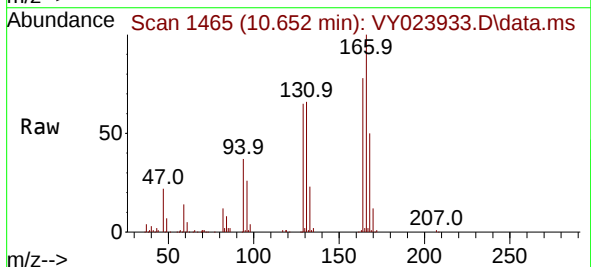
Ion Ratio Lower Upper

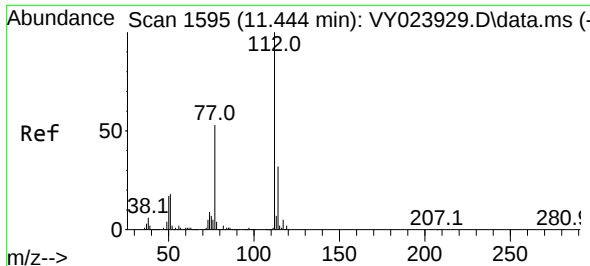
164 100

166 127.6 105.0 157.4

129 82.7 73.0 109.4

131 84.1 71.5 107.3

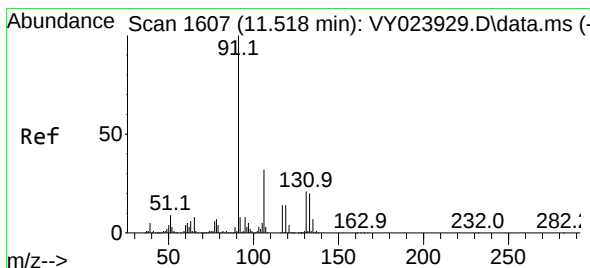
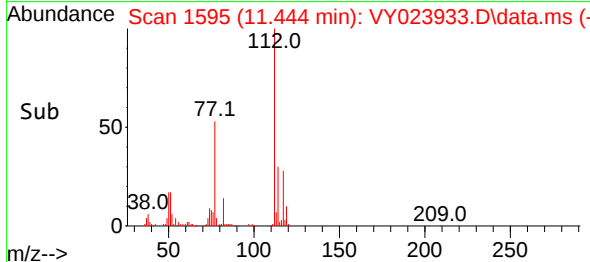
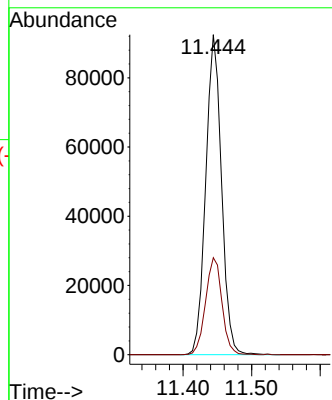
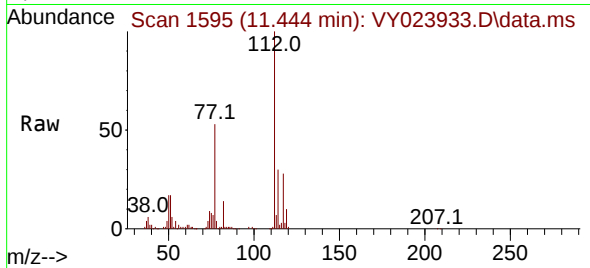




#65
Chlorobenzene
Concen: 9.986 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

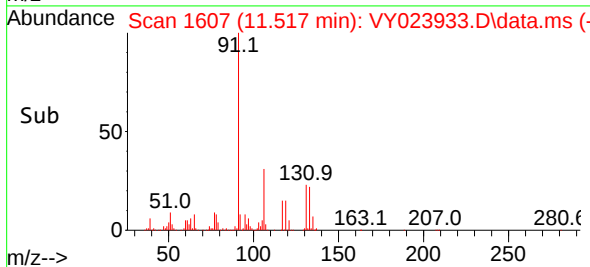
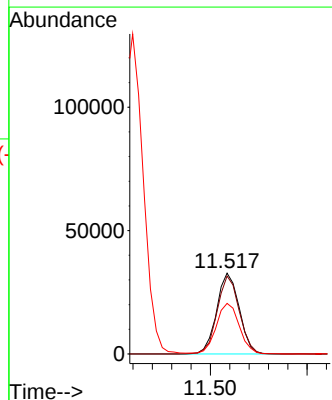
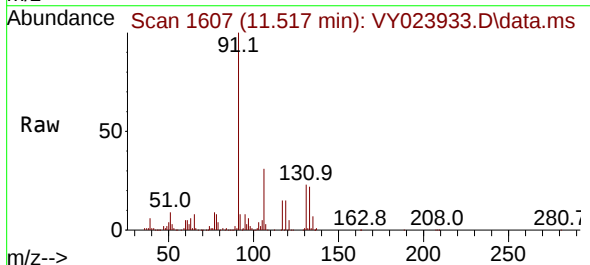
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

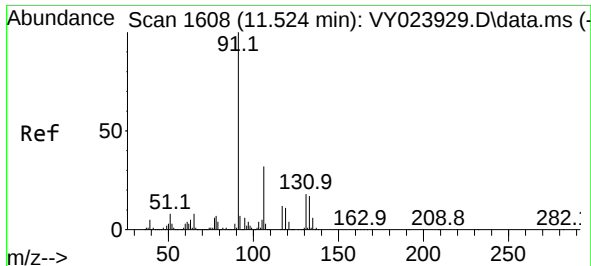
Tgt Ion:112 Resp: 147825
Ion Ratio Lower Upper
112 100
114 30.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.176 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion:131 Resp: 52828
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 64.7 33.1 99.2





#67

Ethyl Benzene

Concen: 9.594 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

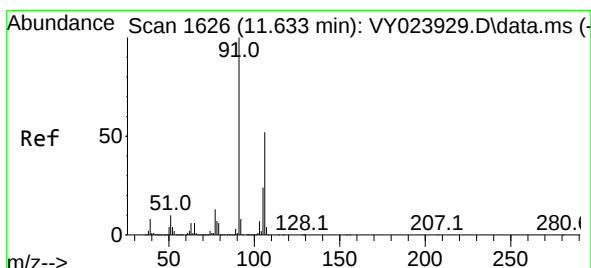
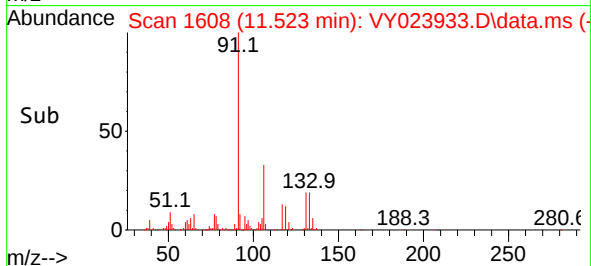
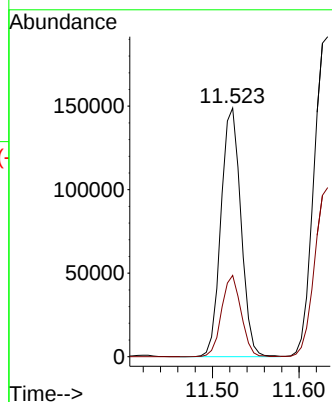
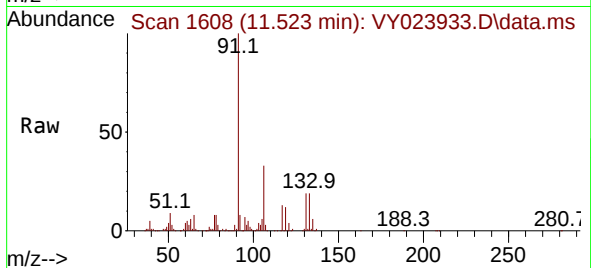
VSTDIC010

Tgt Ion: 91 Resp: 237941

Ion Ratio Lower Upper

91 100

106 32.7 25.8 38.8



#68

m/p-Xylenes

Concen: 19.212 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY023933.D

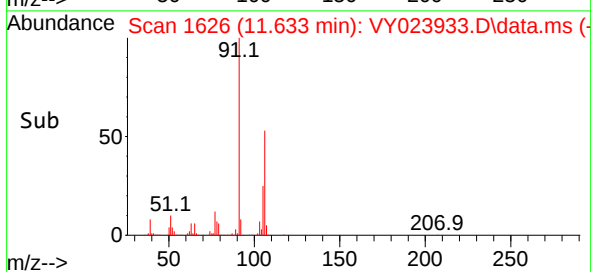
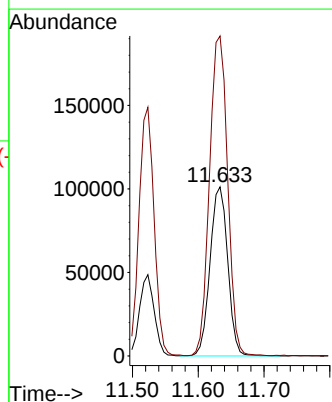
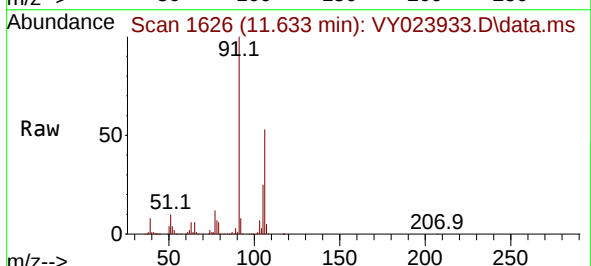
Acq: 10 Dec 2025 11:39

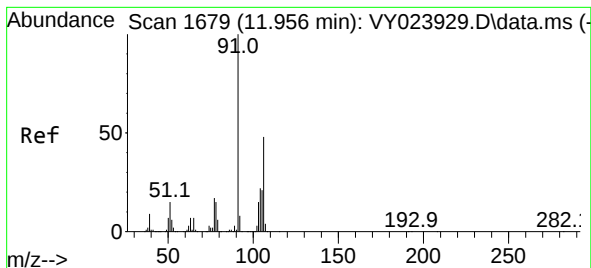
Tgt Ion:106 Resp: 189155

Ion Ratio Lower Upper

106 100

91 193.5 155.0 232.6

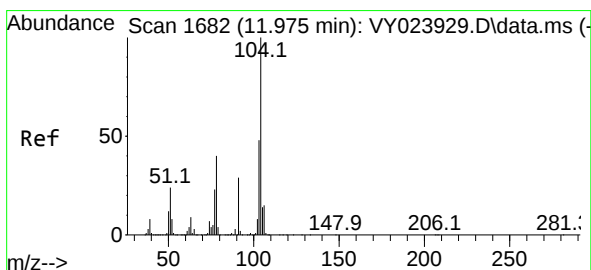
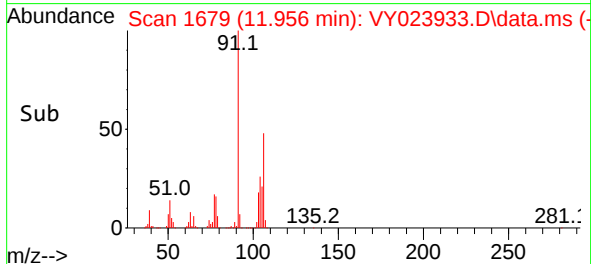
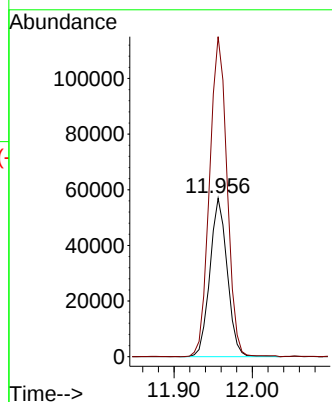
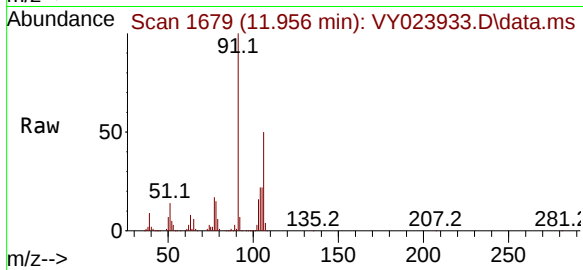




#69
o-Xylene
Concen: 9.480 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

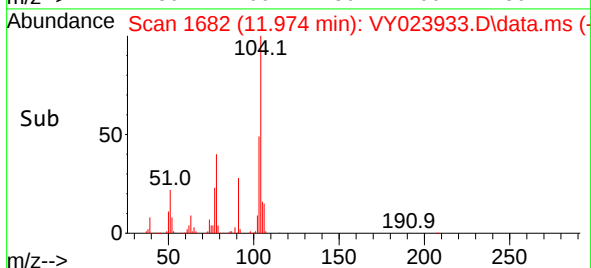
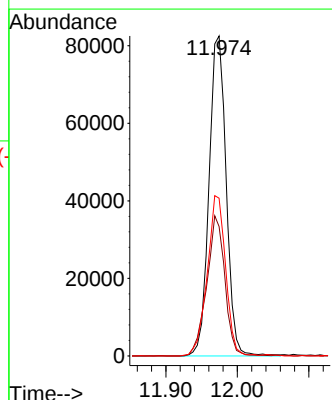
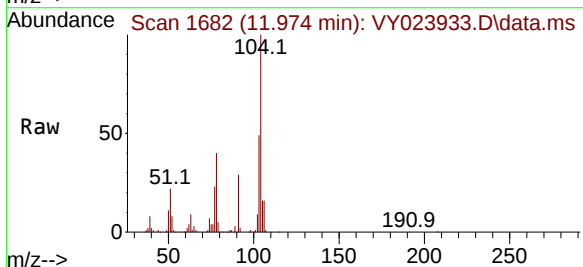
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

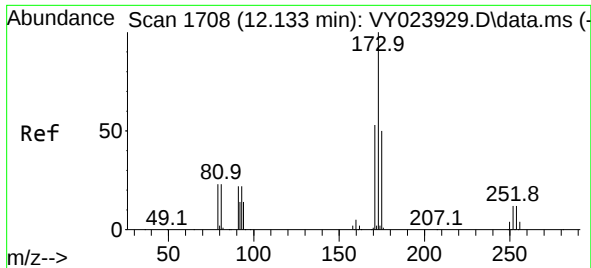
Tgt Ion:106 Resp: 87313
Ion Ratio Lower Upper
106 100
91 204.6 102.1 306.1



#70
Styrene
Concen: 9.256 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion:104 Resp: 137717
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 53.7 43.0 64.4

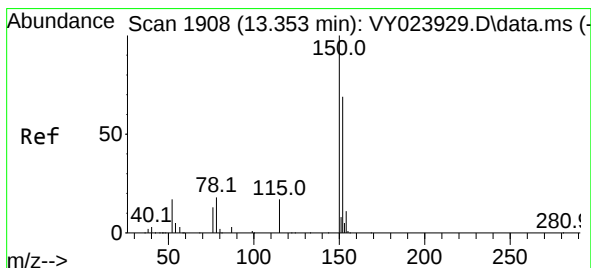
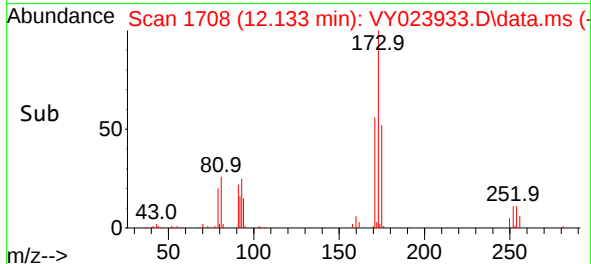
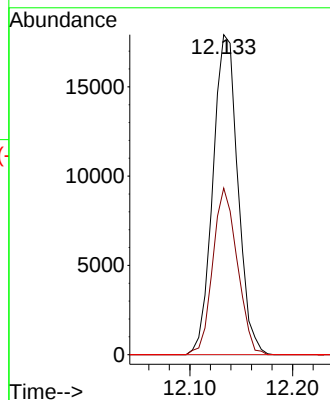
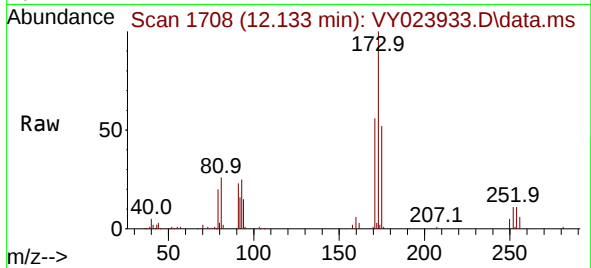




#71
Bromoform
Concen: 9.869 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

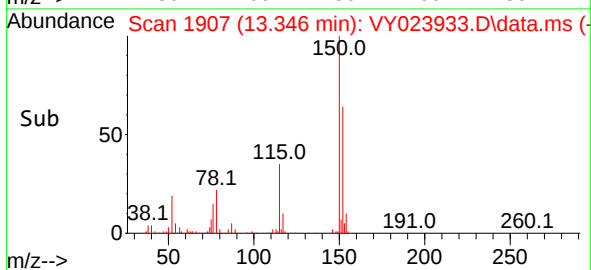
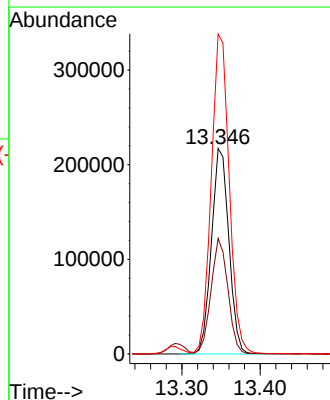
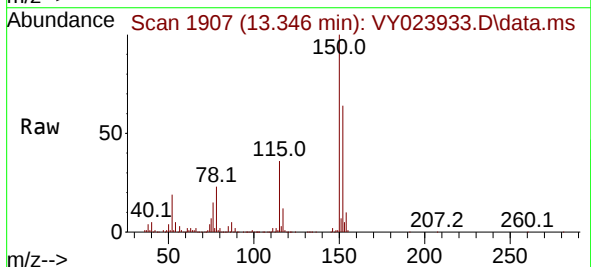
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

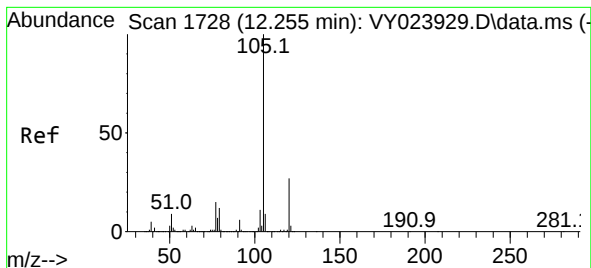
Tgt Ion:173 Resp: 30195
Ion Ratio Lower Upper
173 100
175 51.0 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion:152 Resp: 335461
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 159.9 0.0 347.6





#73

Isopropylbenzene

Concen: 9.272 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

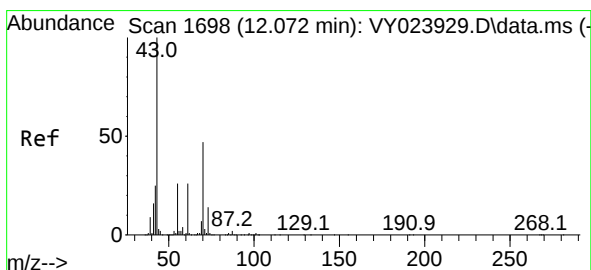
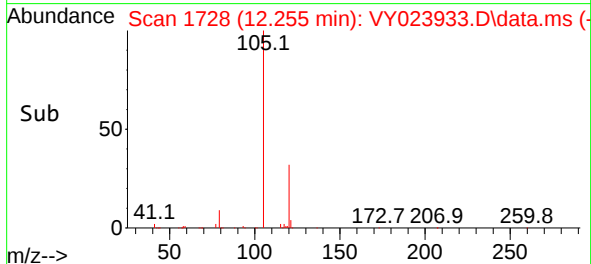
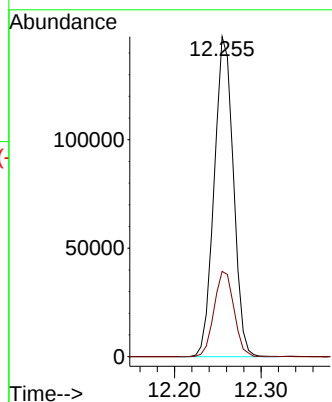
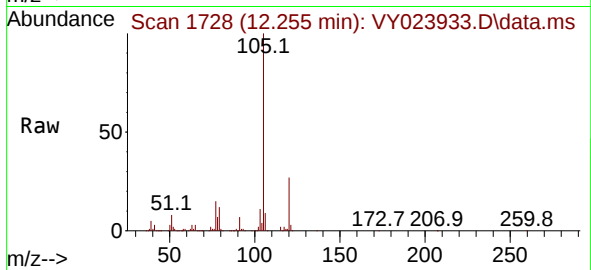
VSTDIC010

Tgt Ion:105 Resp: 227303

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0



#74

N-ethyl acetate

Concen: 8.631 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Tgt Ion: 43 Resp: 37534

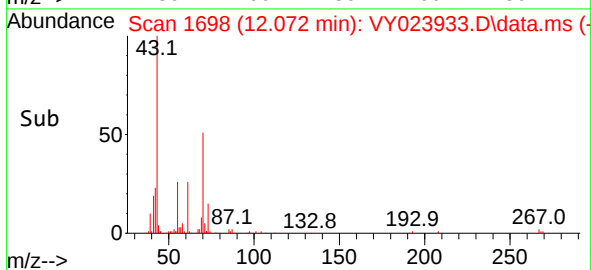
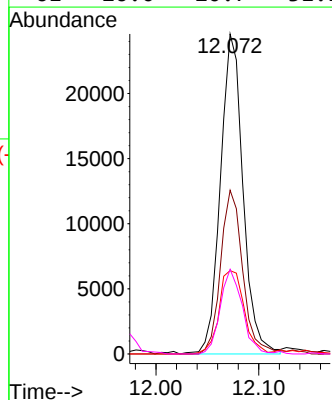
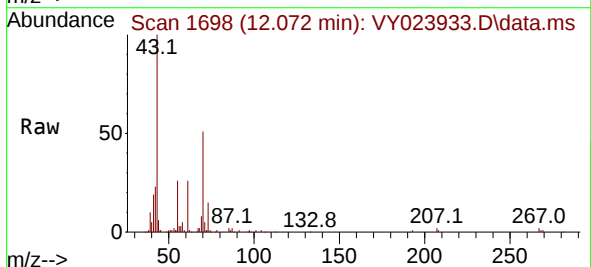
Ion Ratio Lower Upper

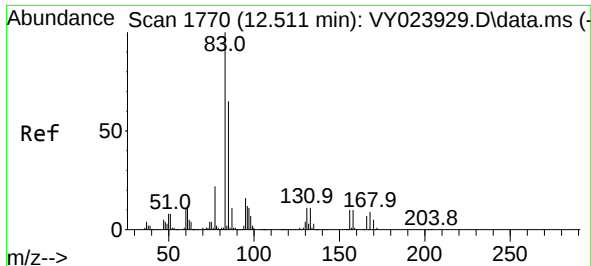
43 100

70 50.2 37.4 56.0

55 29.2 21.6 32.4

61 26.0 20.7 31.1

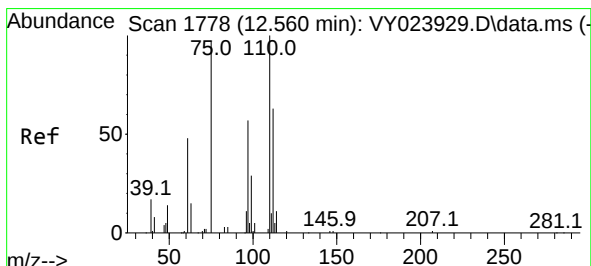
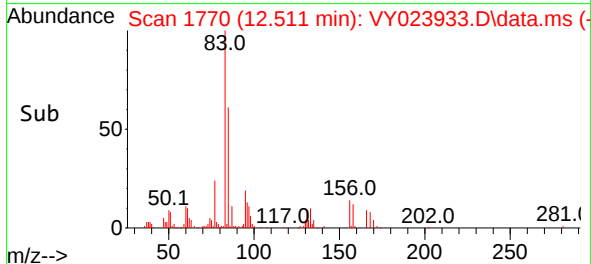
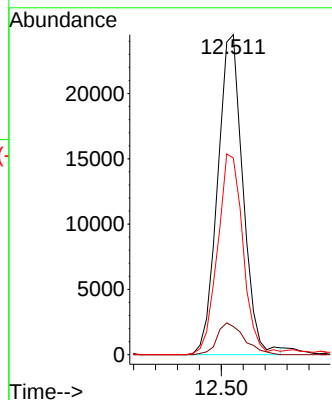
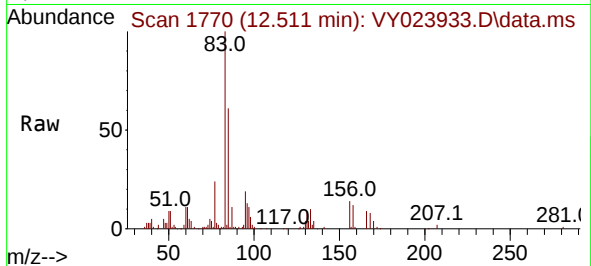




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.516 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

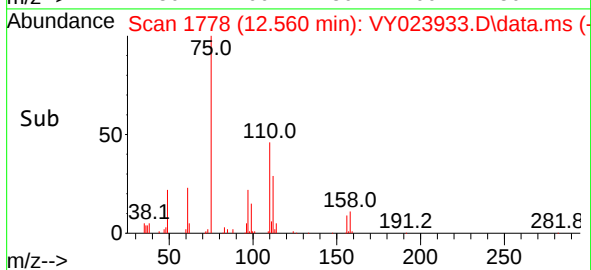
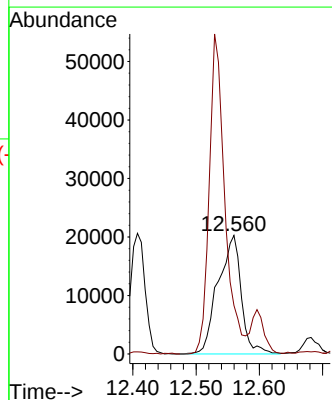
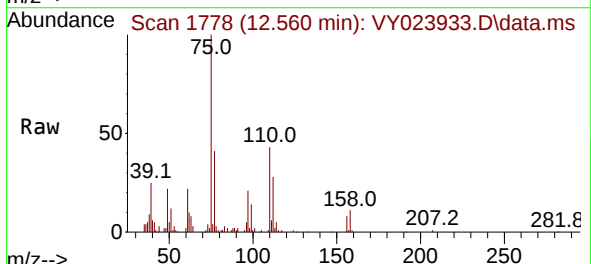
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

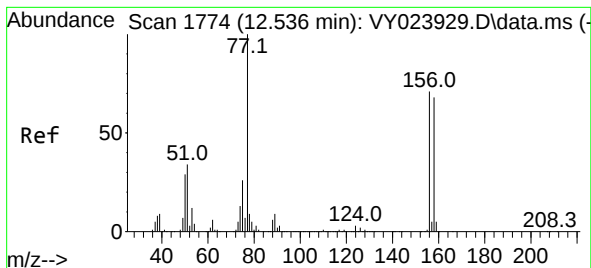
Tgt Ion: 83 Resp: 39257
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.6 16.8
 85 63.3 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 18.133 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

Tgt Ion: 75 Resp: 51616
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.029 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

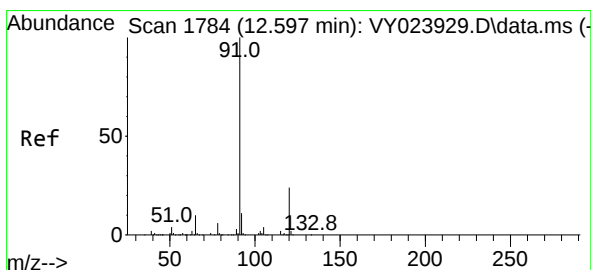
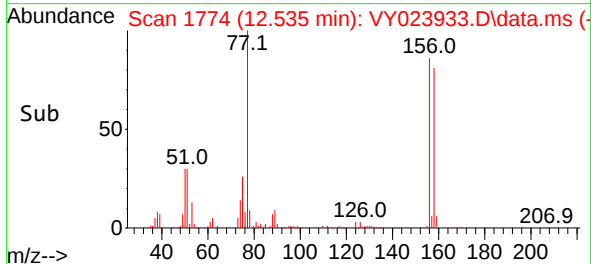
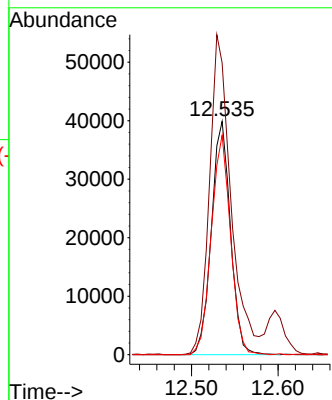
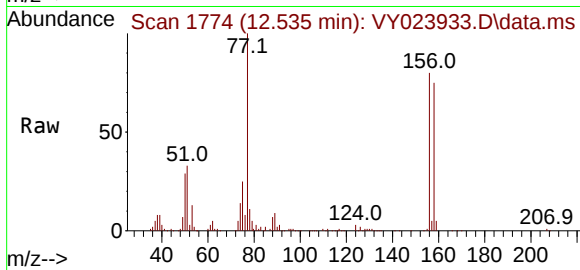
Tgt Ion:156 Resp: 61007

Ion Ratio Lower Upper

156 100

77 154.5 79.8 239.4

158 94.7 48.0 144.2



#78

n-propylbenzene

Concen: 9.276 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023933.D

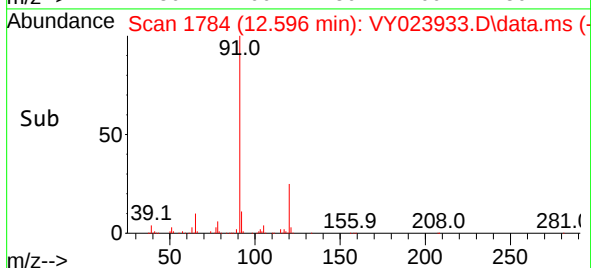
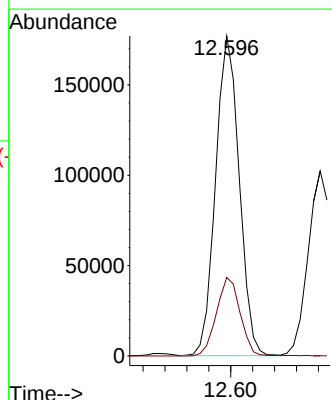
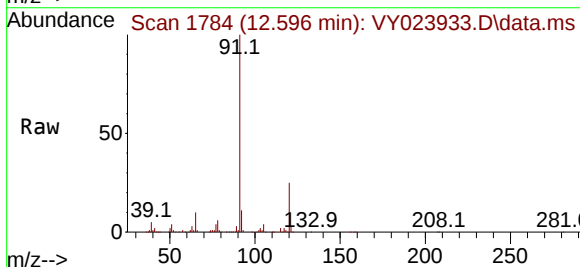
Acq: 10 Dec 2025 11:39

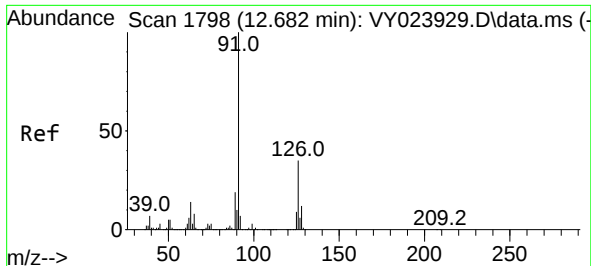
Tgt Ion: 91 Resp: 264579

Ion Ratio Lower Upper

91 100

120 24.6 12.0 36.0

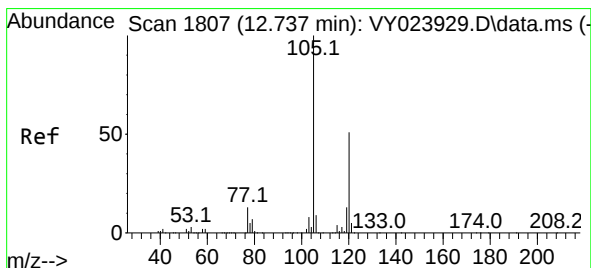
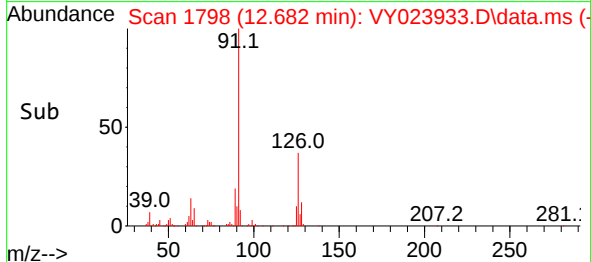
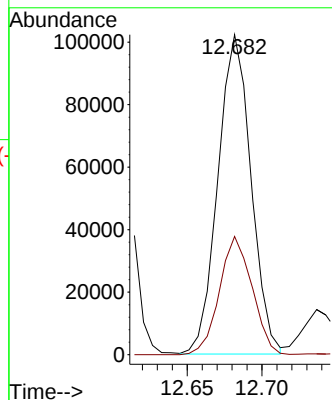
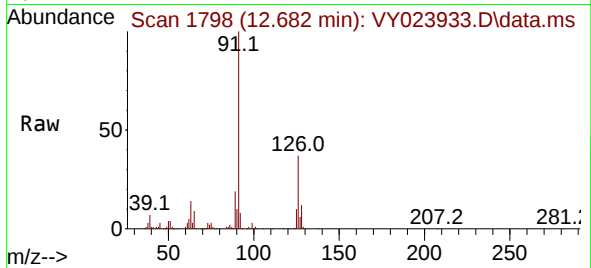




#79
2-Chlorotoluene
Concen: 9.707 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

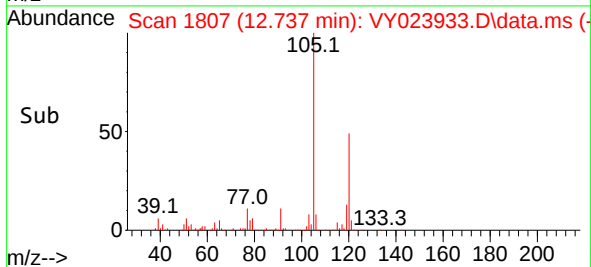
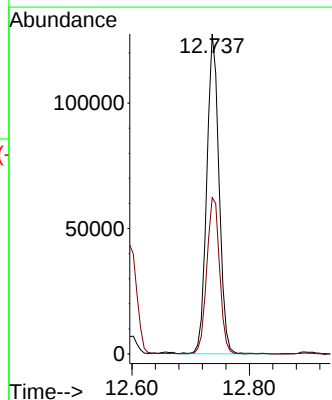
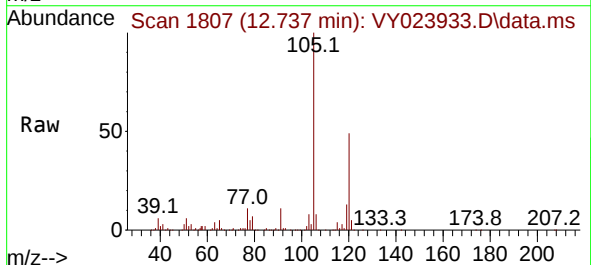
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

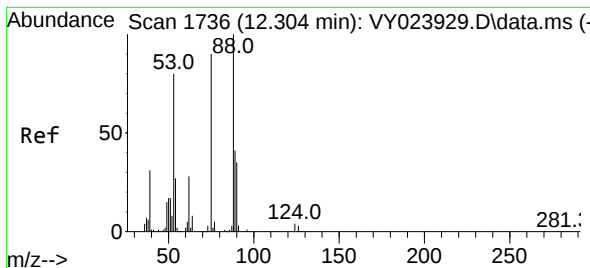
Tgt Ion: 91 Resp: 157285
Ion Ratio Lower Upper
91 100
126 36.6 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 9.438 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 105 Resp: 184594
Ion Ratio Lower Upper
105 100
120 51.3 25.7 77.1

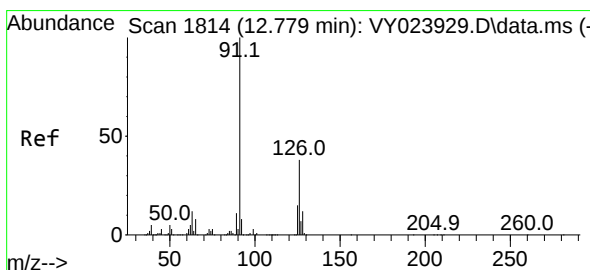
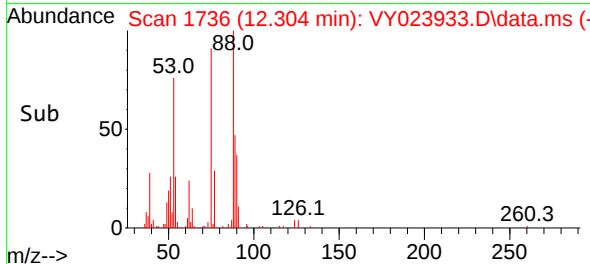
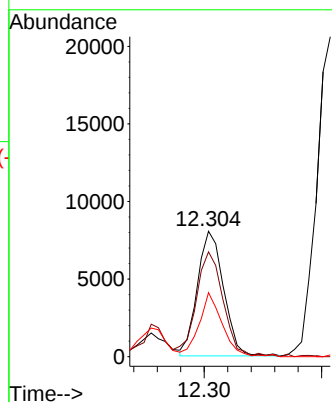
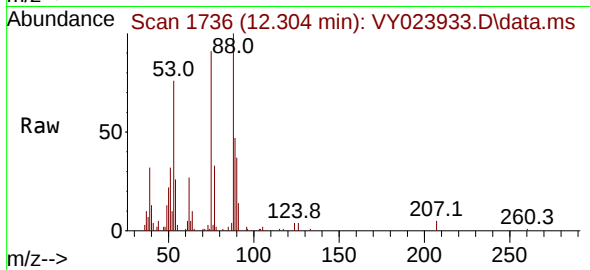




#81
trans-1,4-Dichloro-2-butene
Concen: 9.968 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

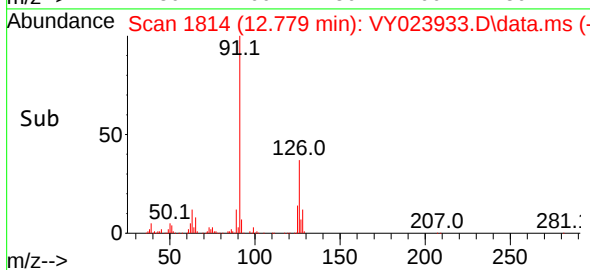
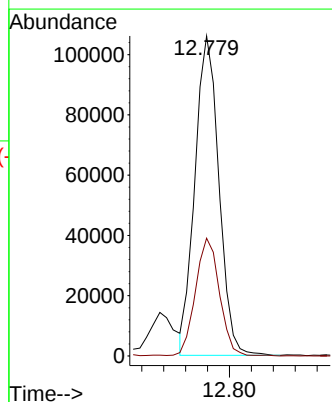
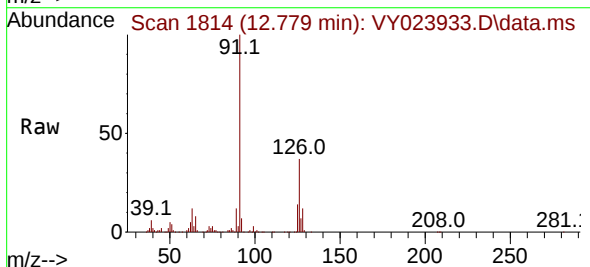
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

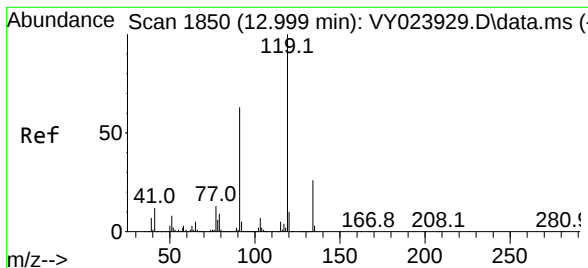
Tgt Ion: 75 Resp: 12426
Ion Ratio Lower Upper
75 100
53 87.6 73.4 110.0
89 45.7 38.9 58.3



#82
4-Chlorotoluene
Concen: 9.645 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 91 Resp: 160874
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.1





#83

tert-Butylbenzene

Concen: 9.458 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

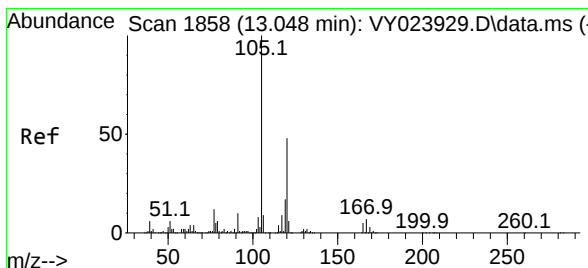
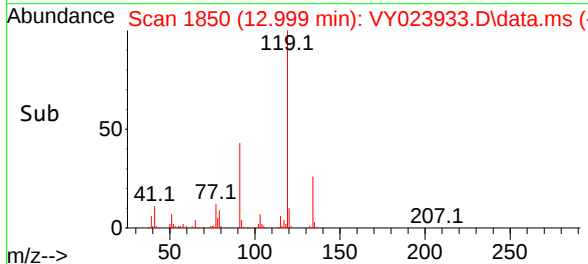
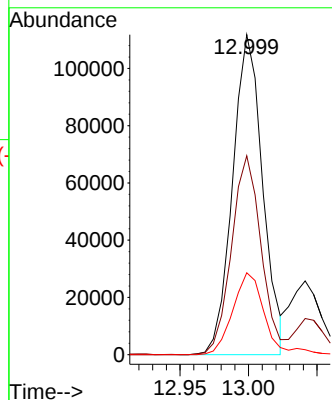
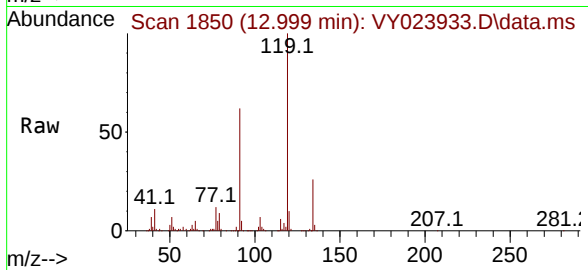
Tgt Ion:119 Resp: 170914

Ion Ratio Lower Upper

119 100

91 62.2 31.6 94.7

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 9.578 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY023933.D

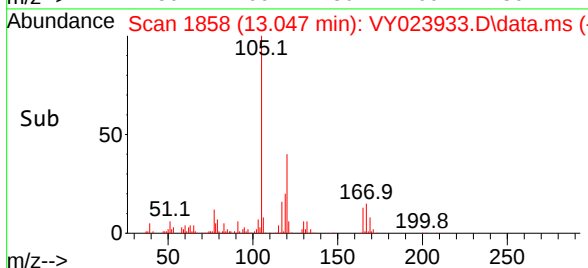
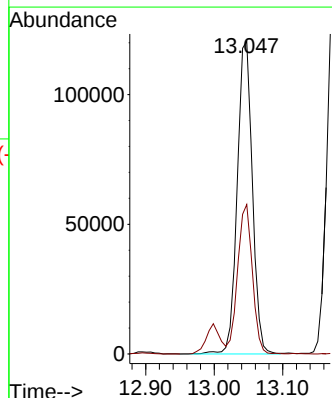
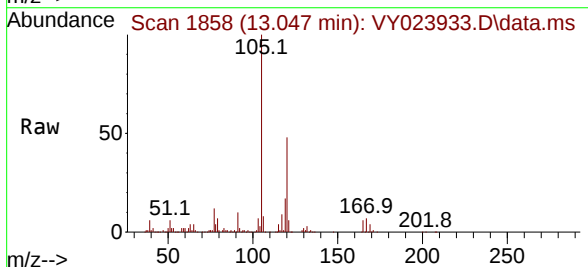
Acq: 10 Dec 2025 11:39

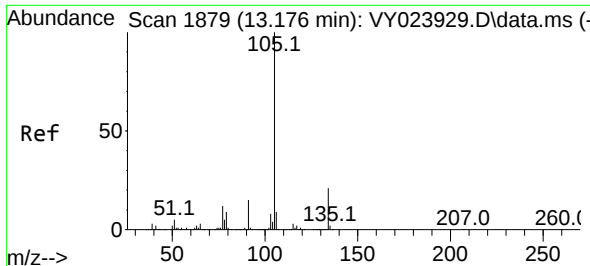
Tgt Ion:105 Resp: 185568

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.3

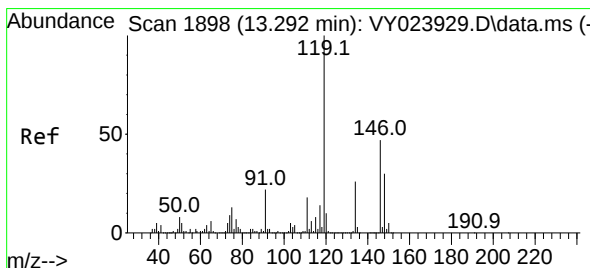
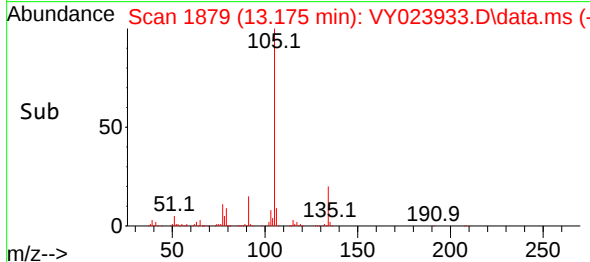
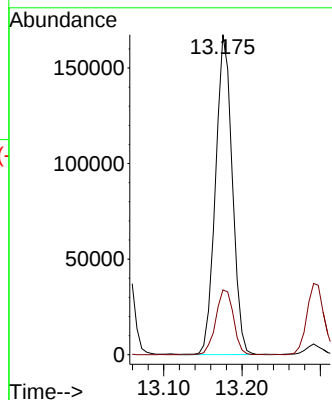
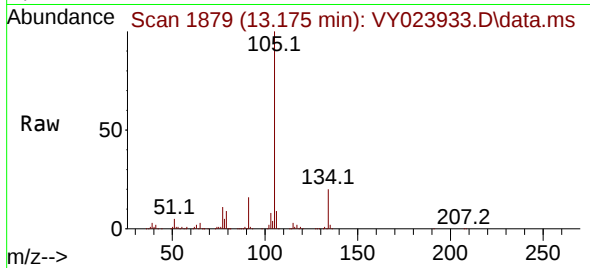




#85
 sec-Butylbenzene
 Concen: 9.433 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

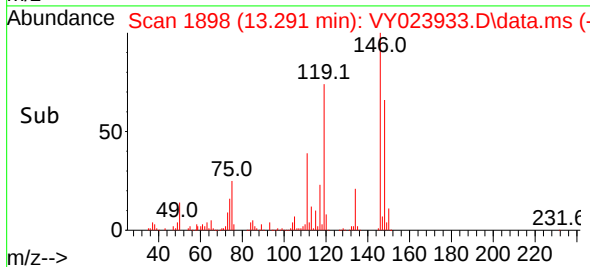
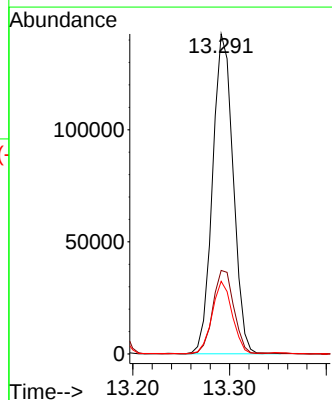
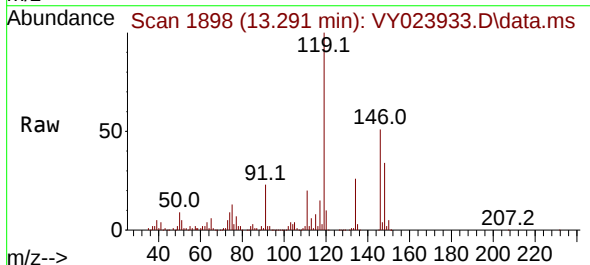
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

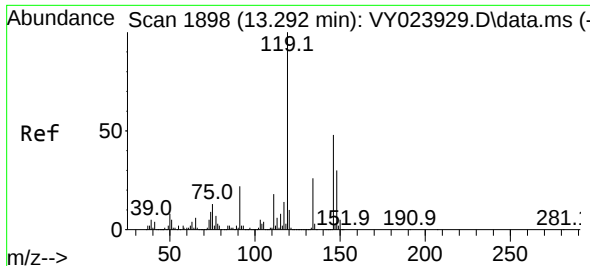
Tgt Ion:105 Resp: 248670
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 9.439 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023933.D
 Acq: 10 Dec 2025 11:39

Tgt Ion:119 Resp: 210618
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 22.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 9.896 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

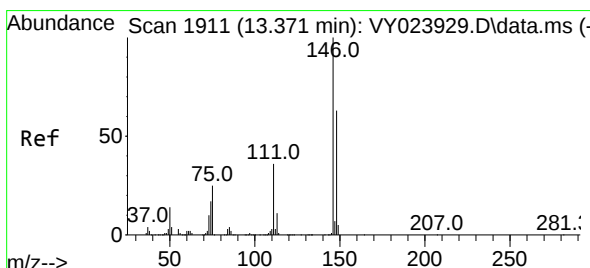
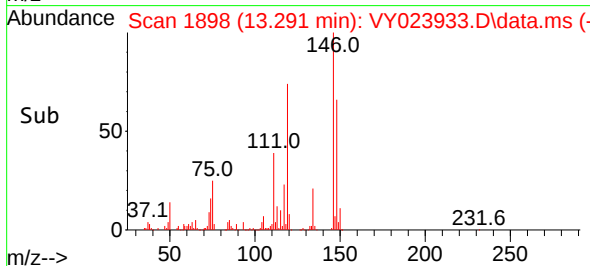
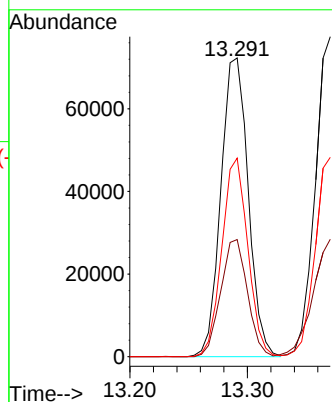
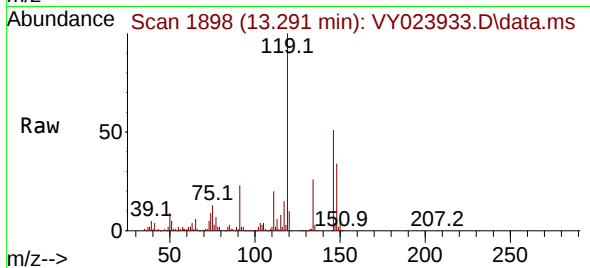
Tgt Ion:146 Resp: 116905

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.9

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 10.174 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

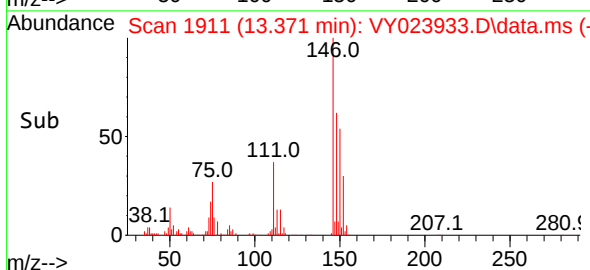
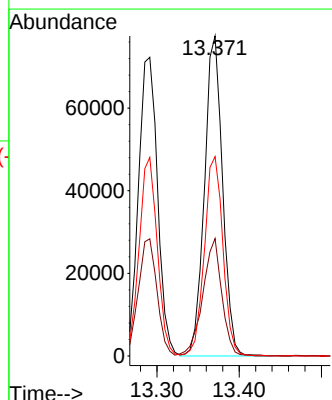
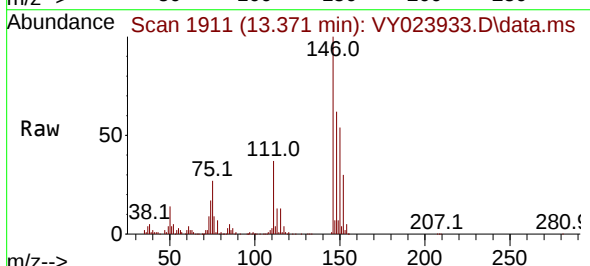
Tgt Ion:146 Resp: 118476

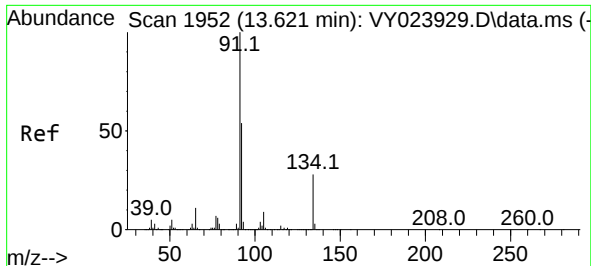
Ion Ratio Lower Upper

146 100

111 38.7 18.4 55.0

148 63.9 31.9 95.9

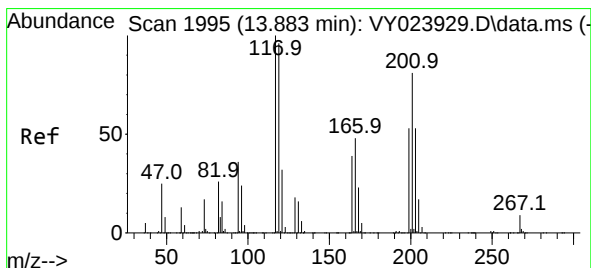
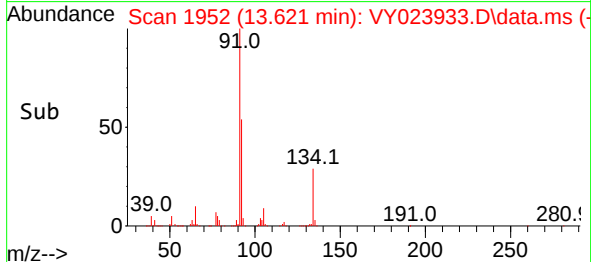
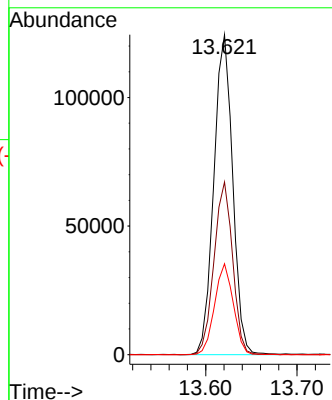
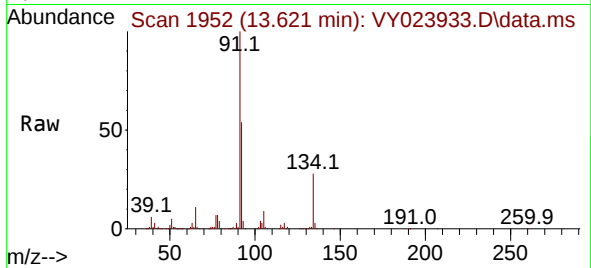




#89
n-Butylbenzene
Concen: 9.127 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

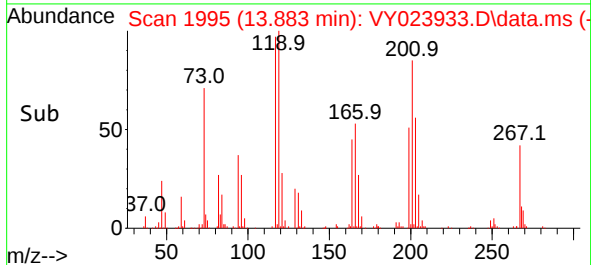
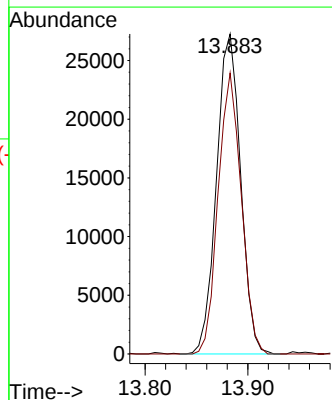
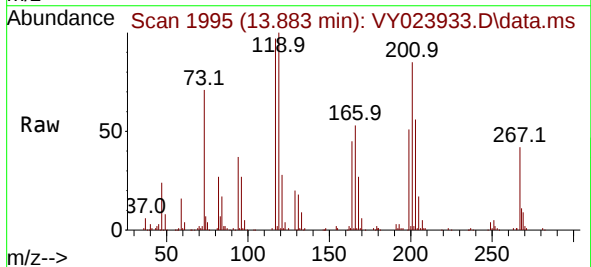
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

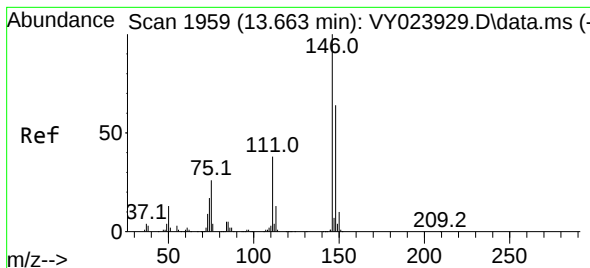
Tgt Ion: 91 Resp: 178174
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 28.3 13.9 41.6



#90
Hexachloroethane
Concen: 9.751 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion: 117 Resp: 44400
Ion Ratio Lower Upper
117 100
201 84.0 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 10.029 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

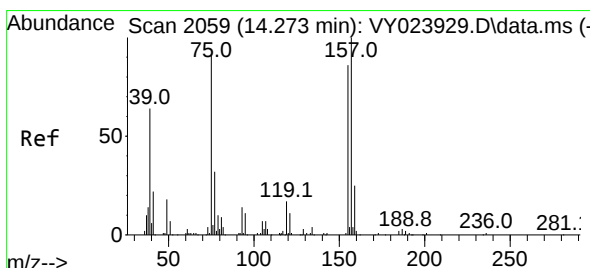
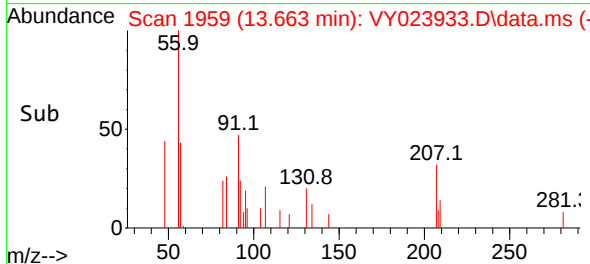
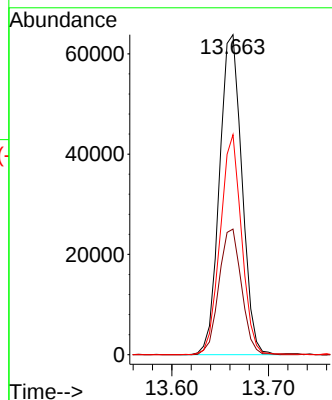
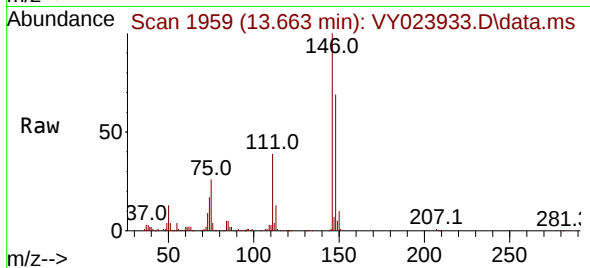
Tgt Ion:146 Resp: 102649

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

148 65.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.478 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

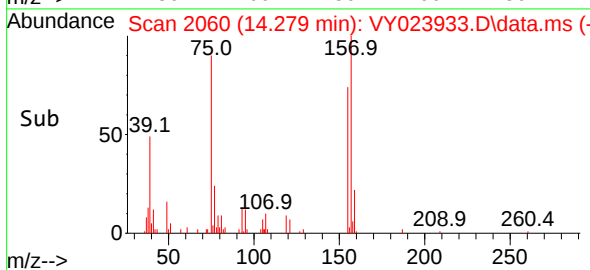
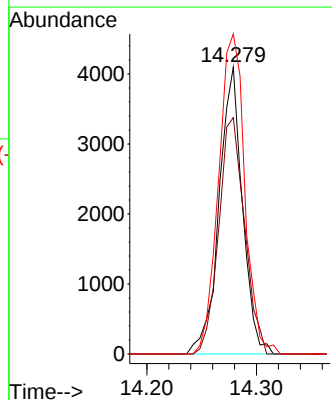
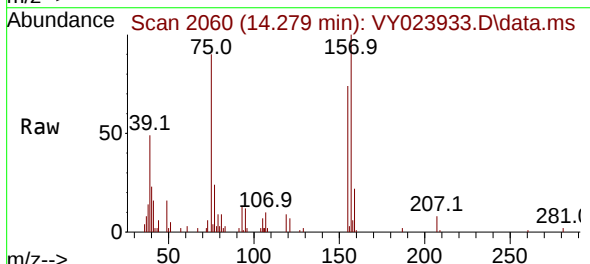
Tgt Ion: 75 Resp: 6056

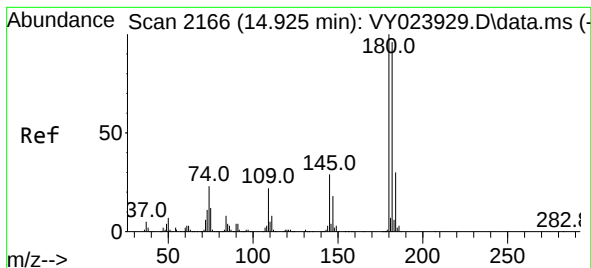
Ion Ratio Lower Upper

75 100

155 90.9 50.2 150.7

157 125.2 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 9.724 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

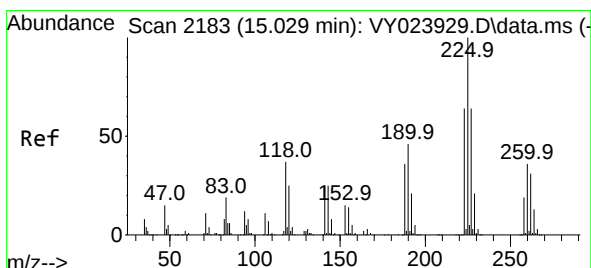
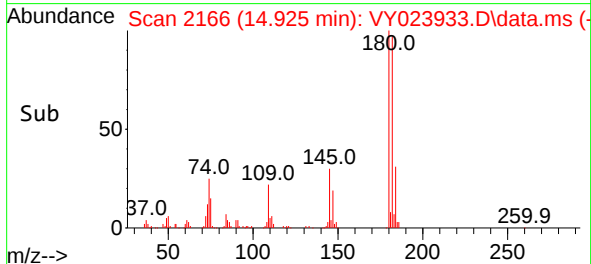
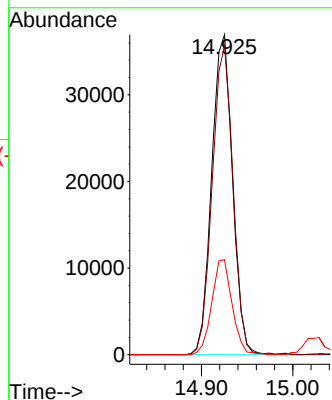
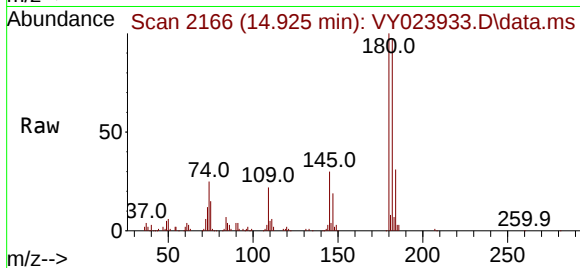
Tgt Ion:180 Resp: 58492

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.9

145 29.1 14.8 44.4



#94

Hexachlorobutadiene

Concen: 10.254 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023933.D

Acq: 10 Dec 2025 11:39

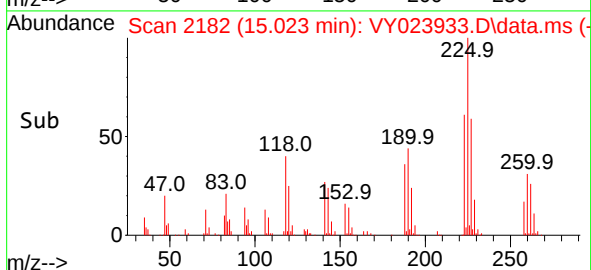
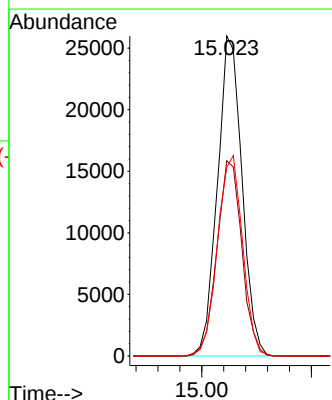
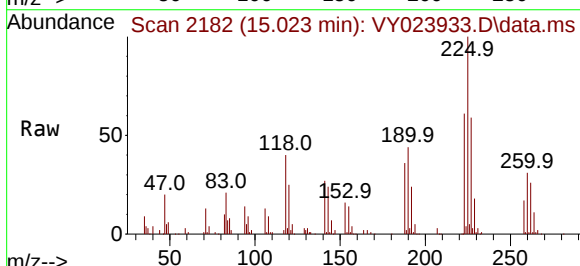
Tgt Ion:225 Resp: 40431

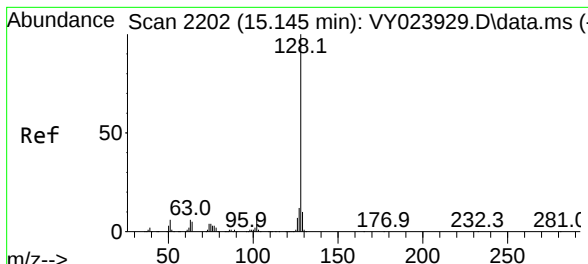
Ion Ratio Lower Upper

225 100

223 62.0 31.6 95.0

227 64.1 31.7 95.1

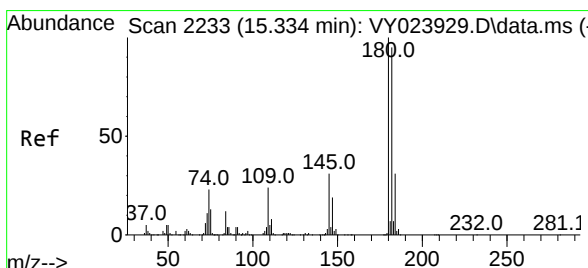
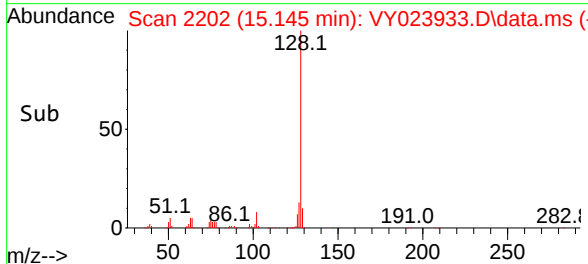
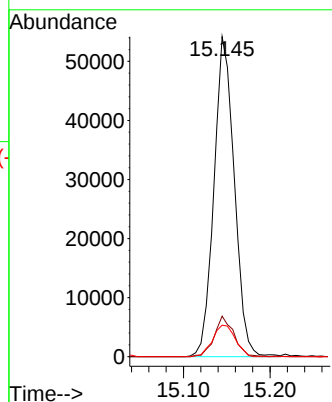
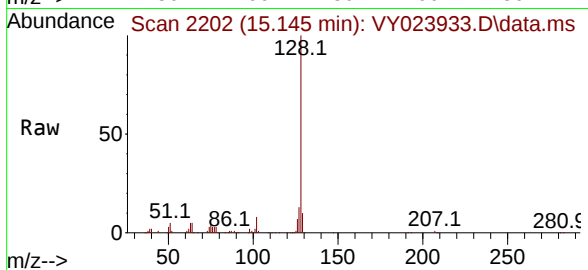




#95
Naphthalene
Concen: 9.516 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 88512
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 10.010 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY023933.D
Acq: 10 Dec 2025 11:39

Tgt Ion:180 Resp: 51242
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 32.4 15.6 46.8

