

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023272.D
 Acq On : 03 Sep 2025 11:24
 Operator : SY/MD
 Sample : VY0903SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBSD01

Quant Time: Sep 04 01:16:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	478307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	731712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	641829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	329171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	207197	45.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.900%
35) Dibromofluoromethane	7.640	113	222436	50.804	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.109	98	836765	48.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.408	95	266617	48.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	80017	20.495	ug/l	99
3) Chloromethane	2.074	50	117180	18.531	ug/l	98
4) Vinyl Chloride	2.208	62	149327	19.103	ug/l	98
5) Bromomethane	2.592	94	126440	21.659	ug/l	99
6) Chloroethane	2.739	64	102866	19.794	ug/l	99
7) Trichlorofluoromethane	3.056	101	186809	19.654	ug/l	100
8) Diethyl Ether	3.458	74	51240	20.376	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	100542	21.441	ug/l	96
10) Methyl Iodide	4.007	142	107172	21.180	ug/l	99
11) Tert butyl alcohol	4.866	59	27509	88.071	ug/l	99
12) 1,1-Dichloroethene	3.787	96	94328	20.465	ug/l	91
13) Acrolein	3.659	56	19435	42.486	ug/l	98
14) Allyl chloride	4.385	41	121989	17.987	ug/l	96
15) Acrylonitrile	5.067	53	96536	94.427	ug/l	100
16) Acetone	3.873	43	120812	122.329	ug/l	99
17) Carbon Disulfide	4.104	76	285717	19.011	ug/l	100
18) Methyl Acetate	4.385	43	51656	17.577	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	224073	18.761	ug/l	99
20) Methylene Chloride	4.616	84	126341	23.160	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	106155	20.494	ug/l	97
22) Diisopropyl ether	6.025	45	278143	18.873	ug/l	95
23) Vinyl Acetate	5.964	43	747145	91.684	ug/l	99
24) 1,1-Dichloroethane	5.921	63	175497	19.477	ug/l	98
25) 2-Butanone	6.896	43	139362	103.756	ug/l	97
26) 2,2-Dichloropropane	6.884	77	157182	20.217	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	122813	20.510	ug/l	94
28) Bromochloromethane	7.250	49	70334	19.675	ug/l	92
29) Tetrahydrofuran	7.262	42	75350	90.502	ug/l	98
30) Chloroform	7.427	83	192598	20.726	ug/l	95
31) Cyclohexane	7.707	56	151567	17.851	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	169363	20.540	ug/l	100
36) 1,1-Dichloropropene	7.835	75	134383	20.653	ug/l	98
37) Ethyl Acetate	6.988	43	52901	19.354	ug/l	99
38) Carbon Tetrachloride	7.823	117	154274	21.829	ug/l	97
39) Methylcyclohexane	9.109	83	166258	19.403	ug/l	98
40) Benzene	8.085	78	419892	20.937	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24377	15.453	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	105944	20.312	ug/l	98
43) Isopropyl Acetate	8.201	43	102726	18.595	ug/l	98
44) Trichloroethene	8.866	130	118824	22.927	ug/l	97
45) 1,2-Dichloropropane	9.140	63	95074	20.604	ug/l	99
46) Dibromomethane	9.231	93	58312	22.017	ug/l	96
47) Bromodichloromethane	9.426	83	146260	21.461	ug/l	96
48) Methyl methacrylate	9.225	41	47914	18.125	ug/l	93
49) 1,4-Dioxane	9.237	88	12577	404.991	ug/l	87
51) 4-Methyl-2-Pentanone	9.999	43	266760	93.610	ug/l	99
52) Toluene	10.170	92	272443	21.389	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	124612	20.192	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	150657	20.645	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	77787	21.949	ug/l	94
56) Ethyl methacrylate	10.438	69	87613	19.320	ug/l	95
57) 1,3-Dichloropropane	10.719	76	126449	21.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	193941	90.664	ug/l	96
59) 2-Hexanone	10.762	43	196991	101.518	ug/l	100
60) Dibromochloromethane	10.908	129	104475	22.341	ug/l	100
61) 1,2-Dibromoethane	11.012	107	72061	21.633	ug/l	99
64) Tetrachloroethene	10.646	164	141609	24.709	ug/l	99
65) Chlorobenzene	11.438	112	301654	21.789	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	105886	22.536	ug/l	99
67) Ethyl Benzene	11.518	91	489512	20.546	ug/l	100
68) m/p-Xylenes	11.627	106	392254	42.155	ug/l	97
69) o-Xylene	11.956	106	181977	20.881	ug/l	99
70) Styrene	11.969	104	304384	21.357	ug/l	98
71) Bromoform	12.133	173	61248	22.303	ug/l #	99
73) Isopropylbenzene	12.255	105	469463	20.207	ug/l	99
74) N-amyl acetate	12.072	43	85709	17.396	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	77026	19.417	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	104785	32.984	ug/l #	100
77) Bromobenzene	12.530	156	116609	21.039	ug/l	96
78) n-propylbenzene	12.597	91	563737	20.381	ug/l	98
79) 2-Chlorotoluene	12.676	91	324167	20.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	389903	20.766	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24684	18.809	ug/l	99
82) 4-Chlorotoluene	12.773	91	333434	20.281	ug/l	96
83) tert-Butylbenzene	12.999	119	346103	20.409	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	383932	20.541	ug/l	98
85) sec-Butylbenzene	13.176	105	513960	20.632	ug/l	99
86) p-Isopropyltoluene	13.292	119	432196	20.902	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	233189	21.335	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	234340	21.613	ug/l	98
89) n-Butylbenzene	13.615	91	376678	19.834	ug/l	98
90) Hexachloroethane	13.877	117	90477	21.374	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	207580	21.655	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11934	19.322	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	118598	20.922	ug/l	100
94) Hexachlorobutadiene	15.023	225	74150	22.260	ug/l	99
95) Naphthalene	15.145	128	187493	19.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	102138	20.910	ug/l	99

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QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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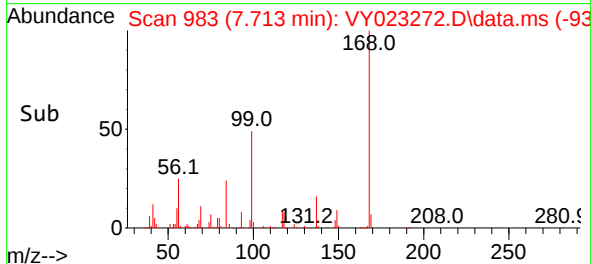
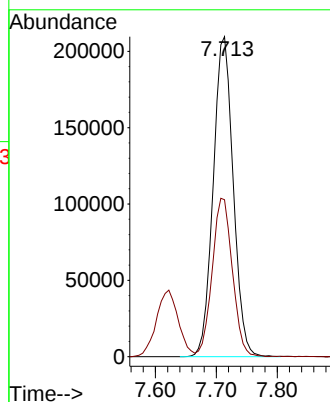
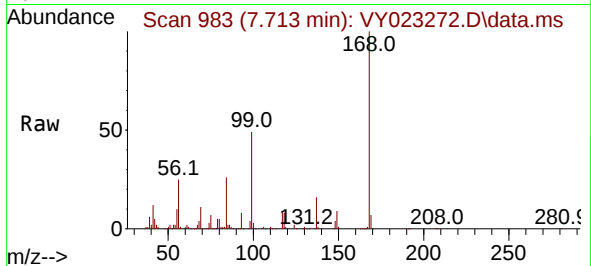
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023272.D
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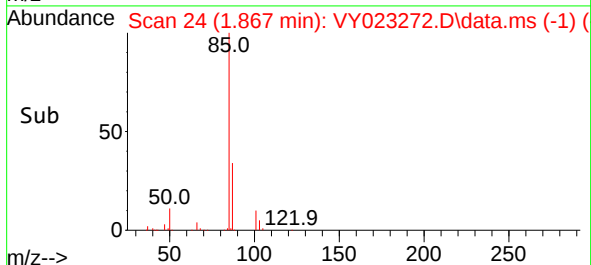
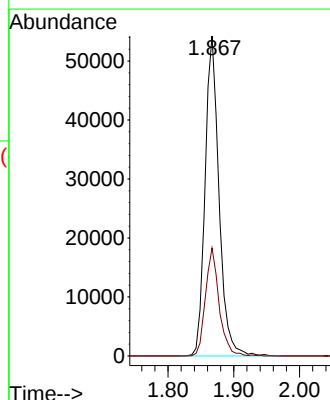
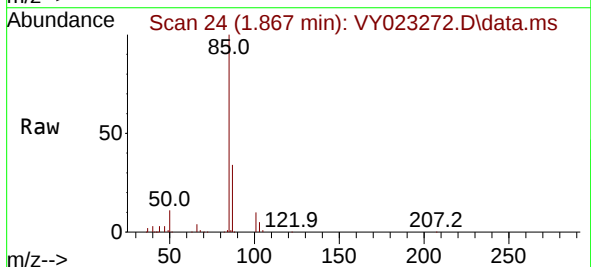
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion:168 Resp: 478307
Ion Ratio Lower Upper
168 100
99 48.9 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.495 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 85 Resp: 80017
Ion Ratio Lower Upper
85 100
87 33.8 16.6 49.8

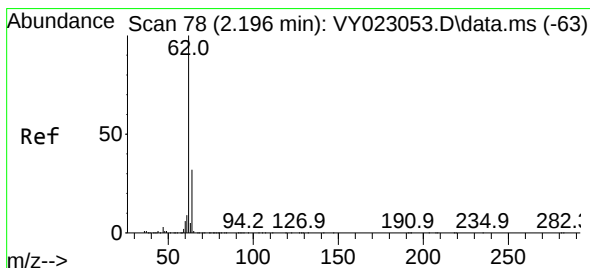
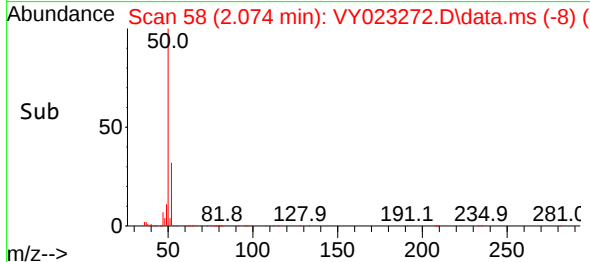
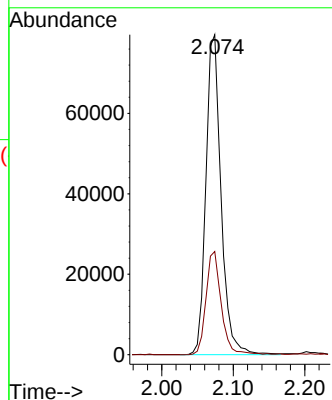
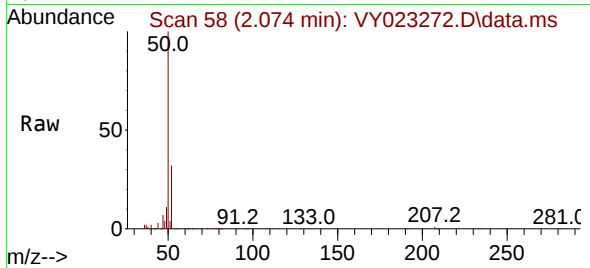




#3
Chloromethane
Concen: 18.531 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

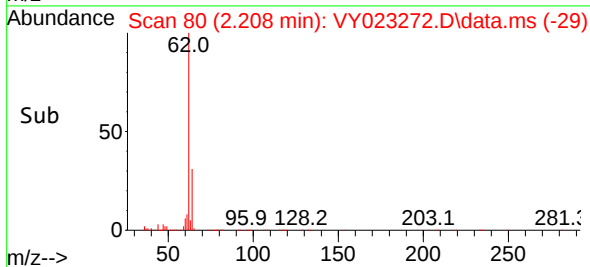
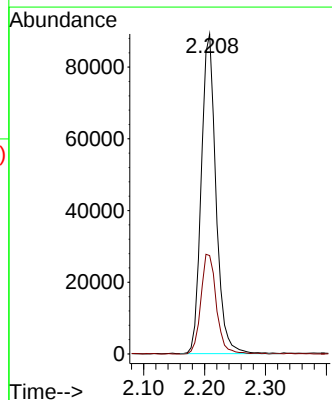
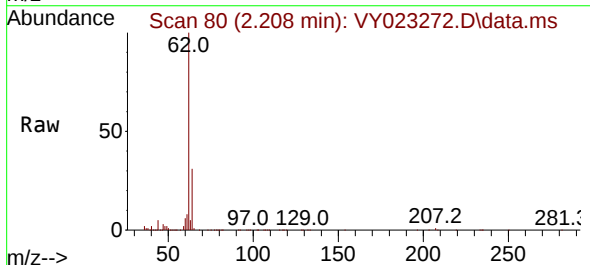
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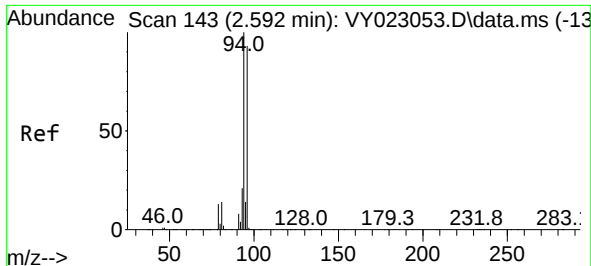
Tgt Ion: 50 Resp: 117180
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 19.103 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 62 Resp: 149327
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

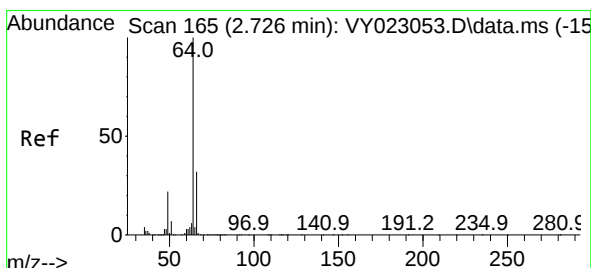
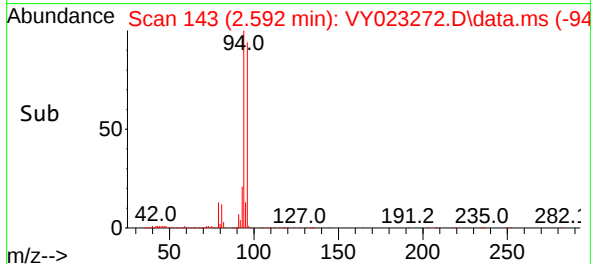
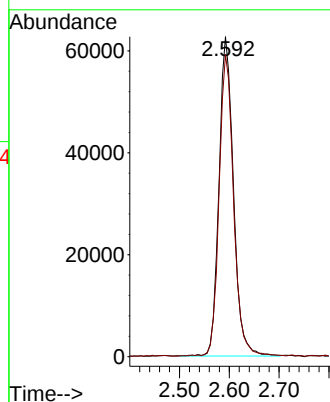
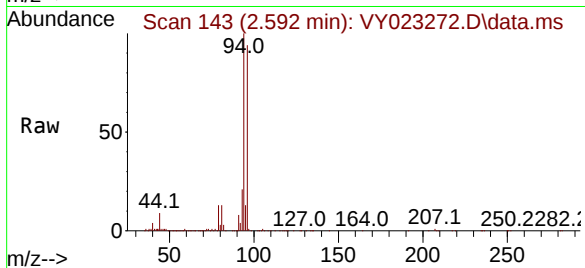




#5
Bromomethane
Concen: 21.659 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

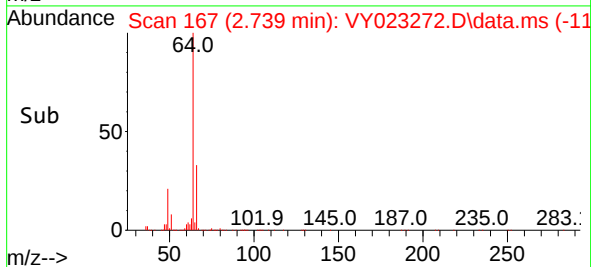
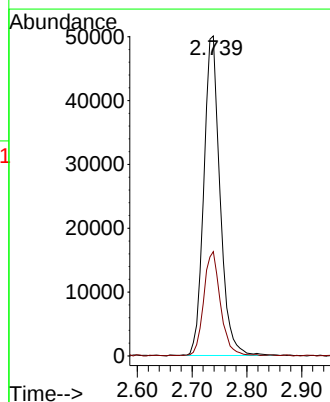
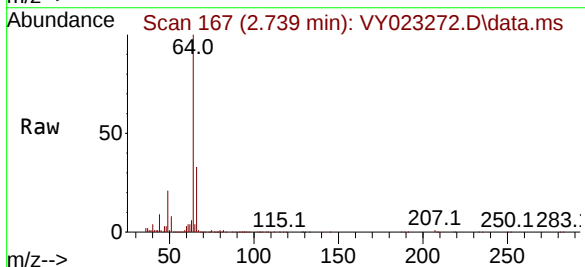
Instrument :
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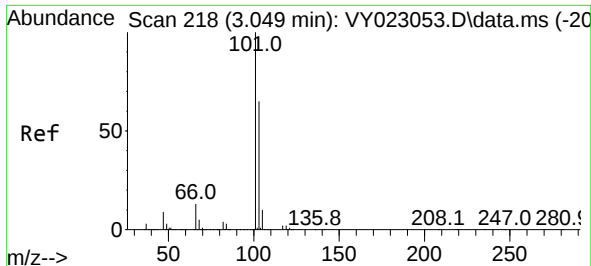
Tgt Ion: 94 Resp: 126440
Ion Ratio Lower Upper
94 100
96 94.3 74.6 112.0



#6
Chloroethane
Concen: 19.794 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 64 Resp: 102866
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.6

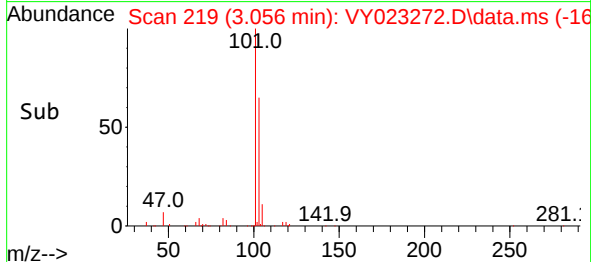
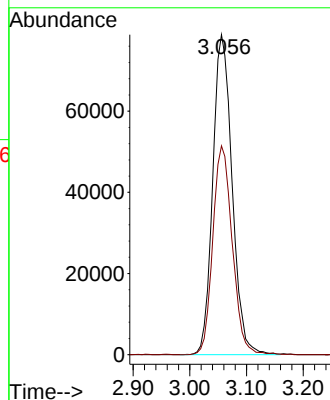
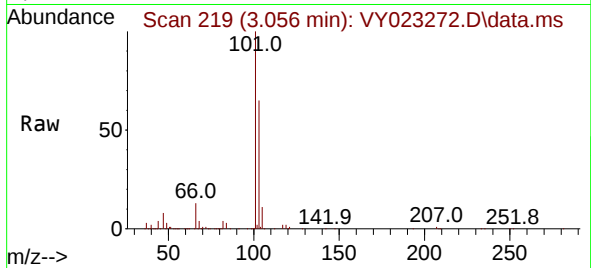




#7
Trichlorofluoromethane
Concen: 19.654 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

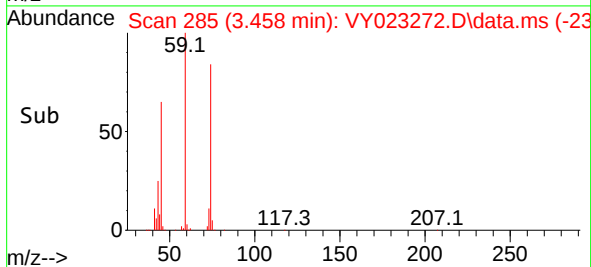
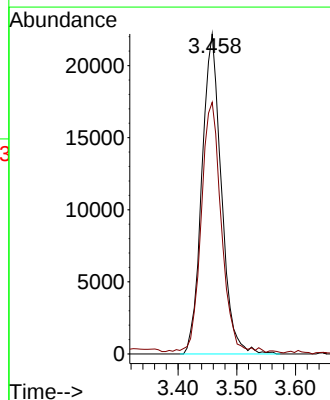
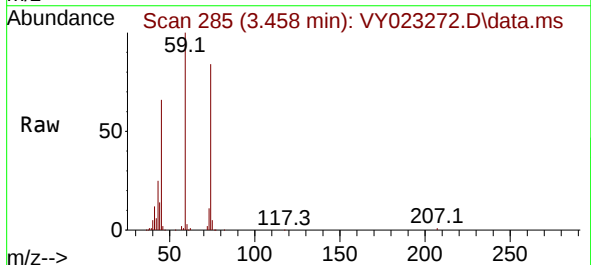
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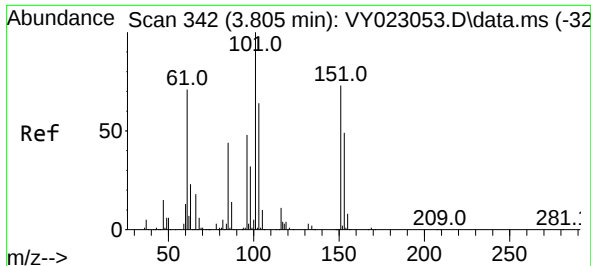
Tgt Ion:101 Resp: 186809
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9



#8
Diethyl Ether
Concen: 20.376 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 74 Resp: 51240
Ion Ratio Lower Upper
74 100
45 80.5 44.4 133.2

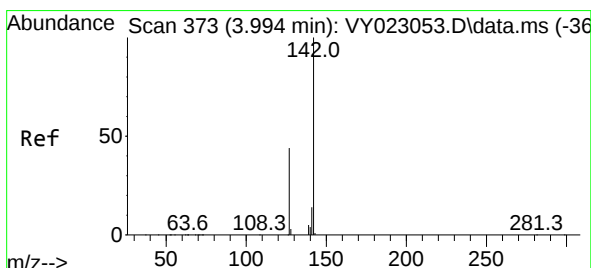
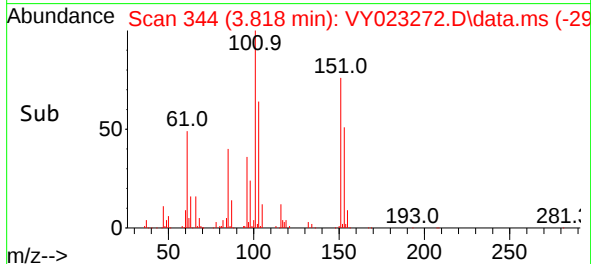
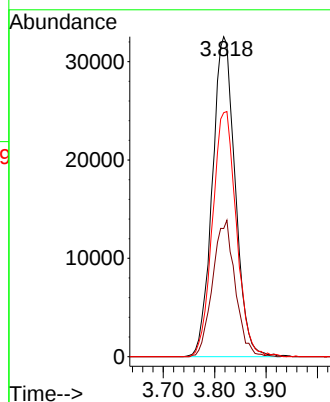
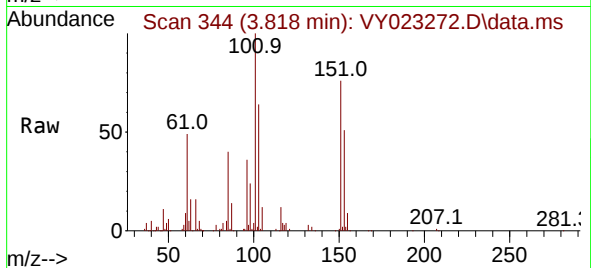




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.441 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023272.D
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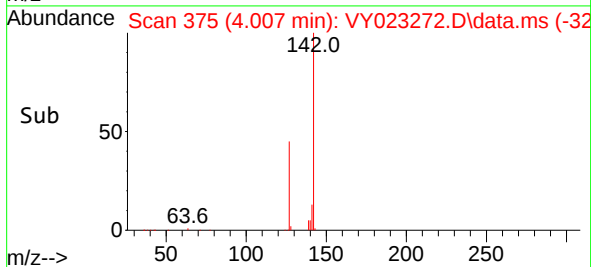
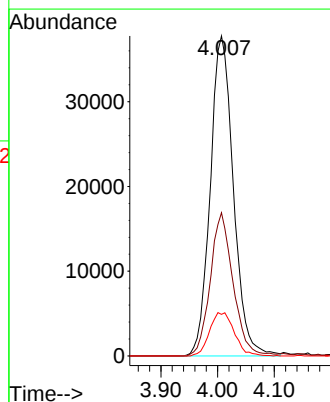
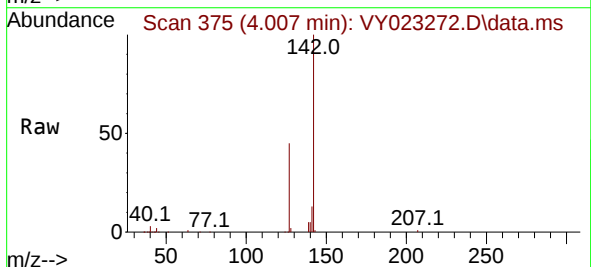
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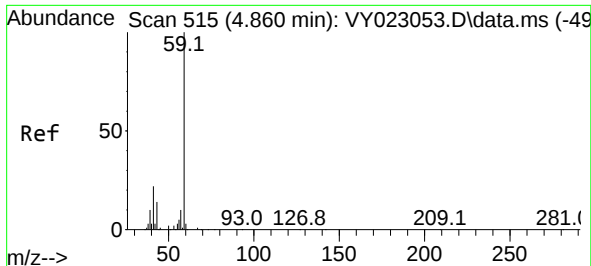
Tgt Ion:101 Resp: 100542
Ion Ratio Lower Upper
101 100
85 42.2 36.3 54.5
151 80.0 61.5 92.3



#10
Methyl Iodide
Concen: 21.180 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion:142 Resp: 107172
Ion Ratio Lower Upper
142 100
127 44.0 34.9 52.3
141 14.5 11.3 16.9

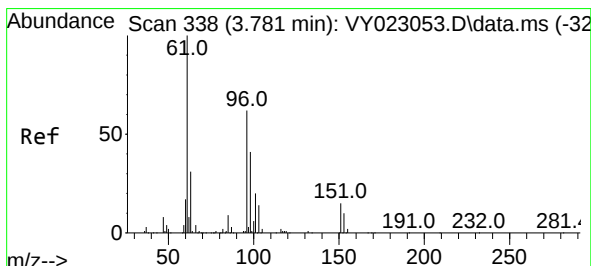
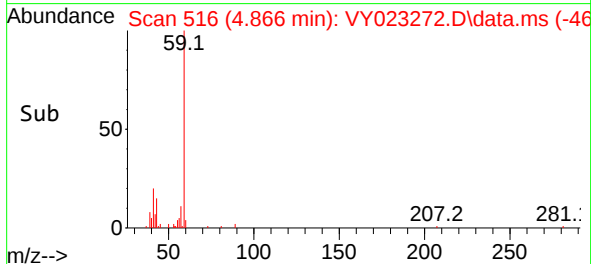
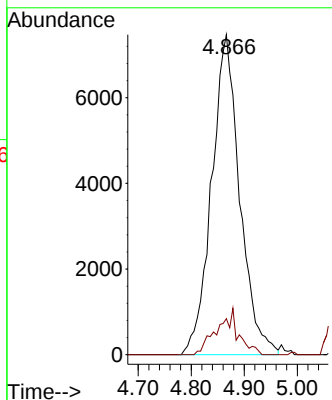
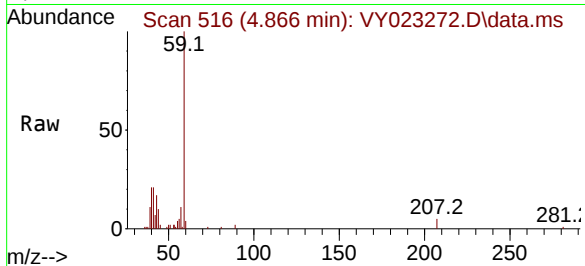




#11
Tert butyl alcohol
Concen: 88.071 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

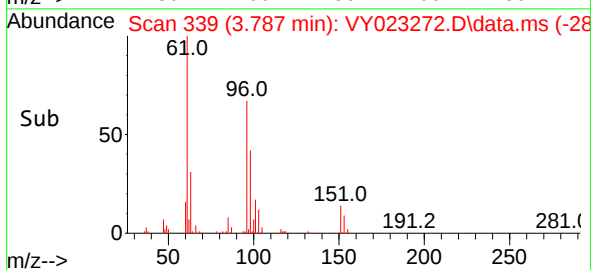
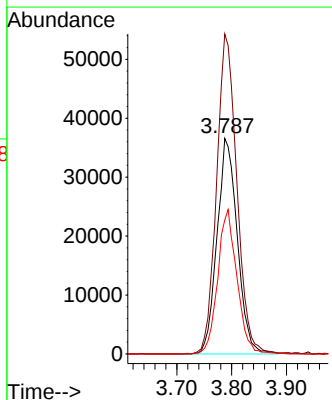
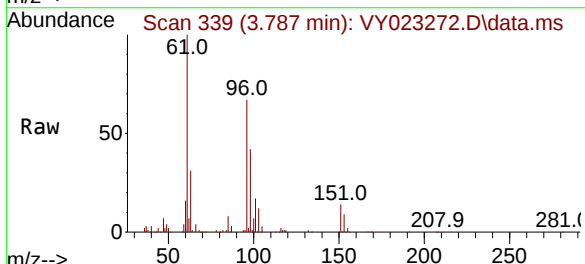
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion: 59 Resp: 27509
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 20.465 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 96 Resp: 94328
Ion Ratio Lower Upper
96 100
61 148.4 129.4 194.2
98 62.1 52.8 79.2

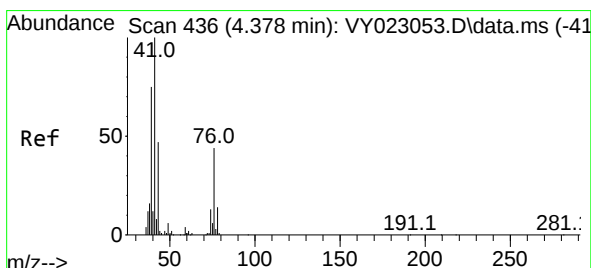
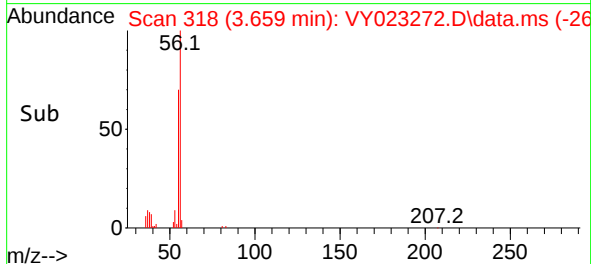
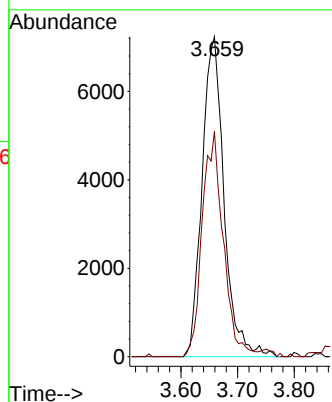
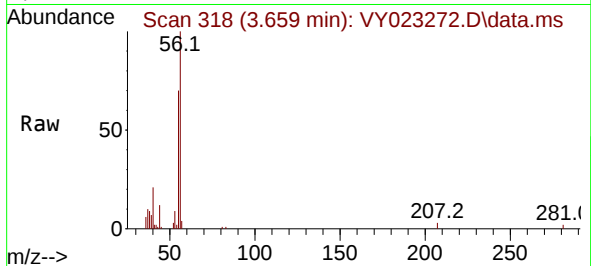




#13
Acrolein
Concen: 42.486 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

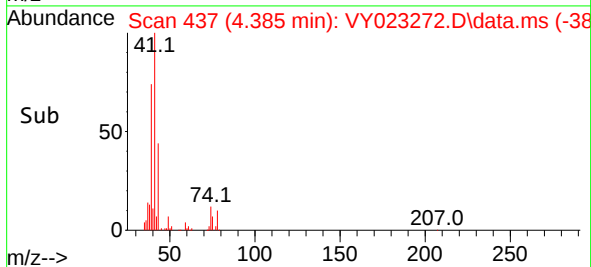
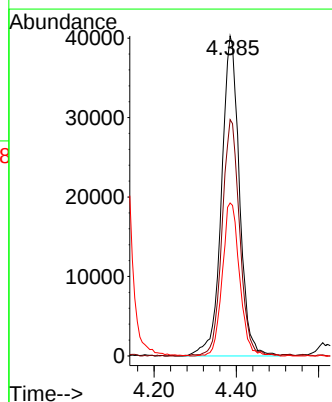
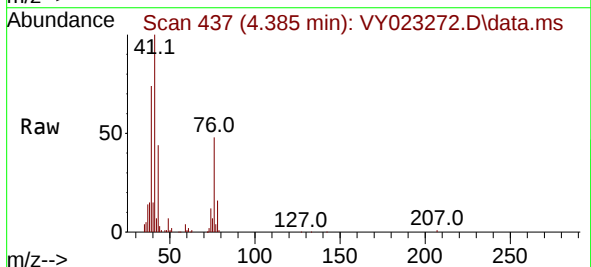
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

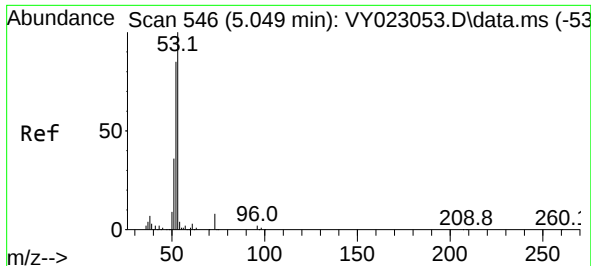
Tgt Ion: 56 Resp: 19435
Ion Ratio Lower Upper
56 100
55 67.5 55.2 82.8



#14
Allyl chloride
Concen: 17.987 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 41 Resp: 121989
Ion Ratio Lower Upper
41 100
39 72.5 59.8 89.6
76 46.1 33.7 50.5

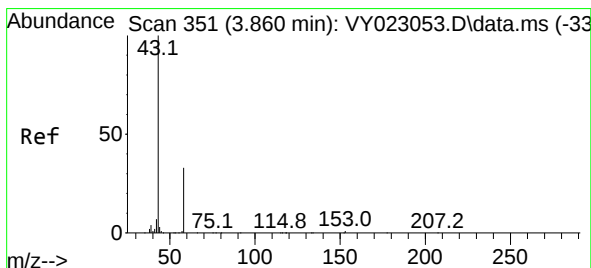
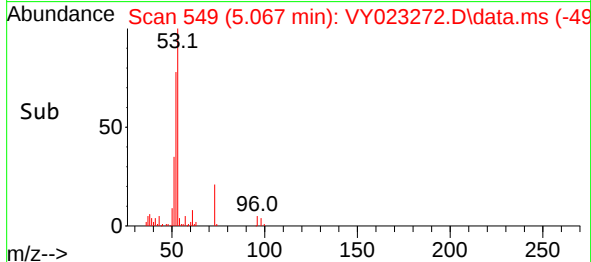
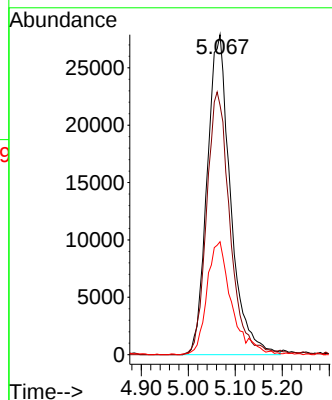
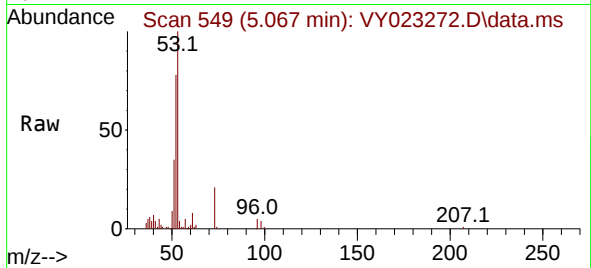




#15
Acrylonitrile
Concen: 94.427 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.018 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

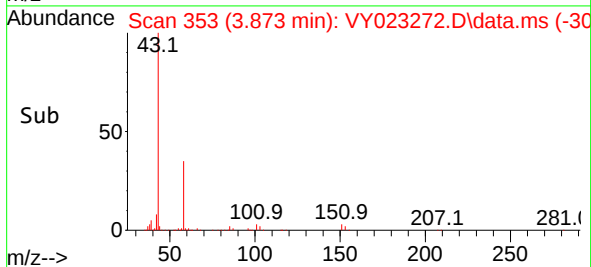
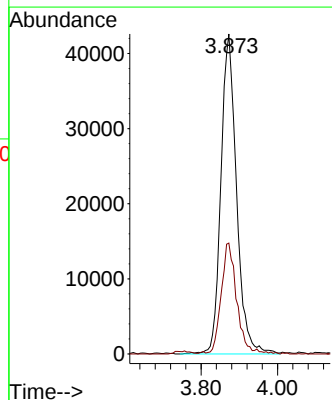
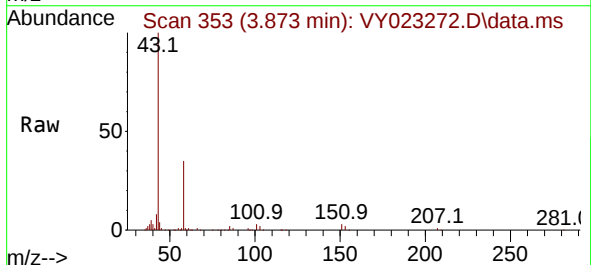
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

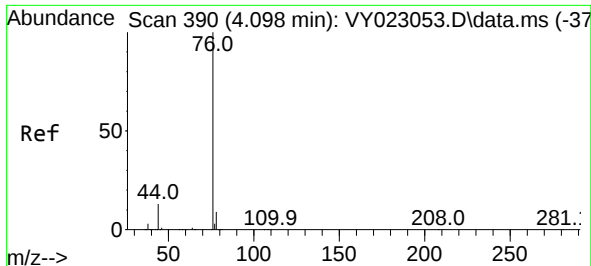
Tgt Ion: 53 Resp: 96536
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 37.1 29.5 44.3



#16
Acetone
Concen: 122.329 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 43 Resp: 120812
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7

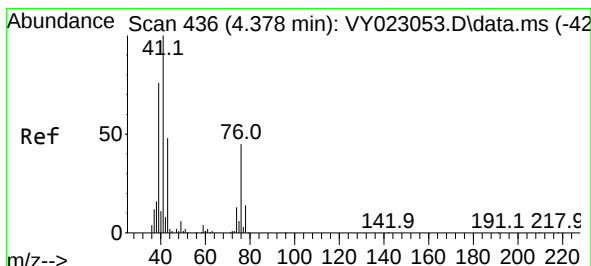
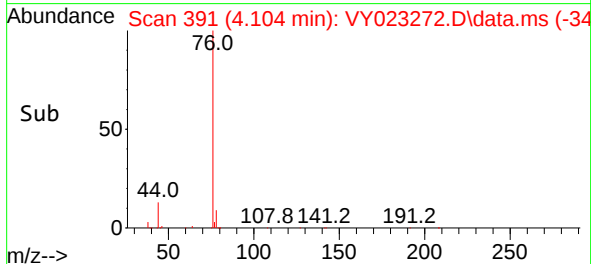
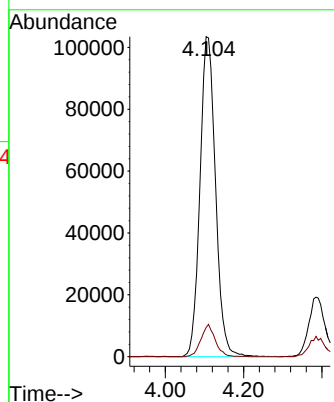
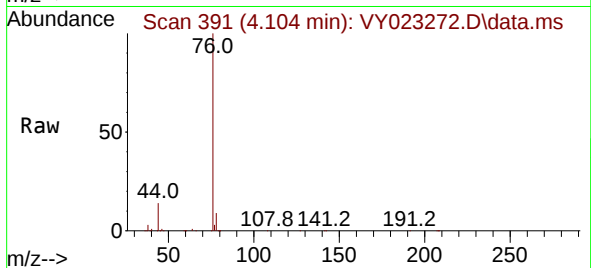




#17
Carbon Disulfide
Concen: 19.011 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

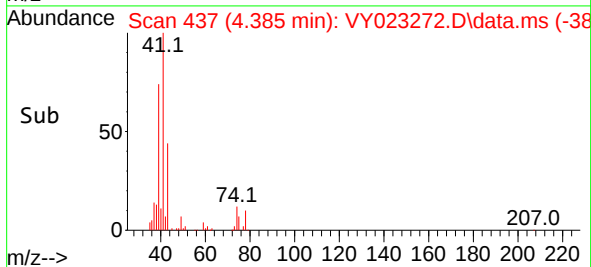
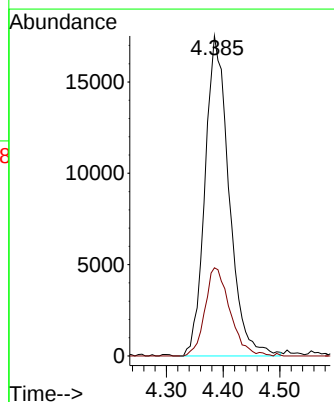
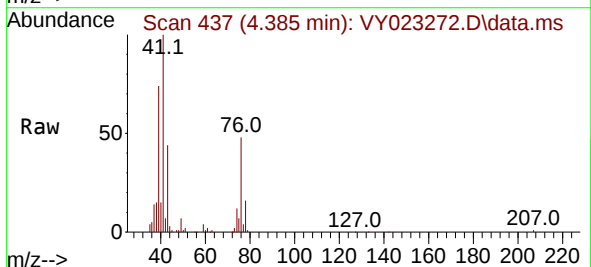
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

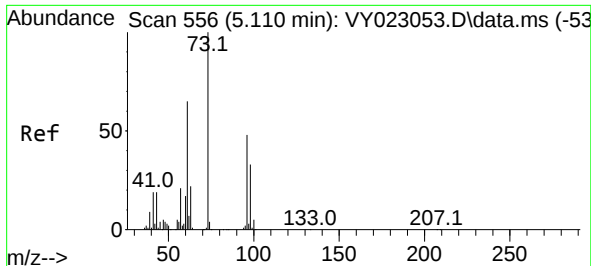
Tgt Ion: 76 Resp: 285717
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 17.577 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 43 Resp: 51656
Ion Ratio Lower Upper
43 100
74 28.6 21.2 31.8

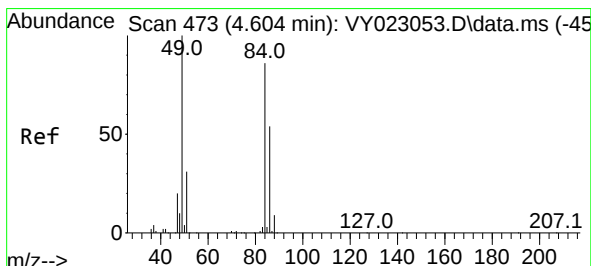
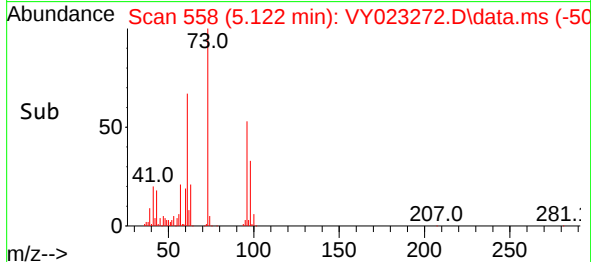
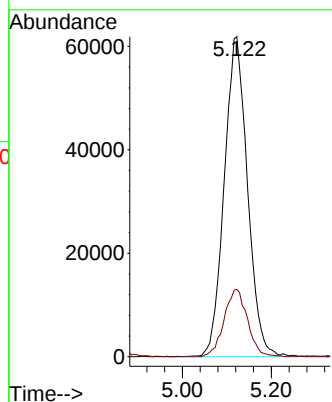
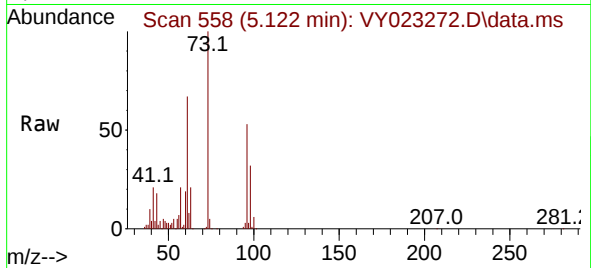




#19
Methyl tert-butyl Ether
Concen: 18.761 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

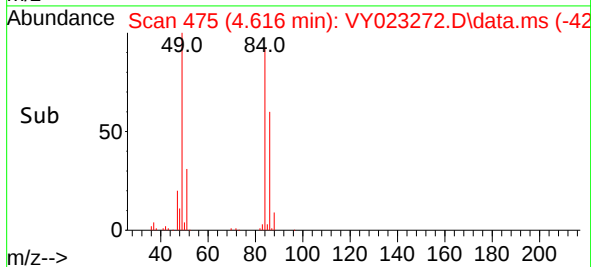
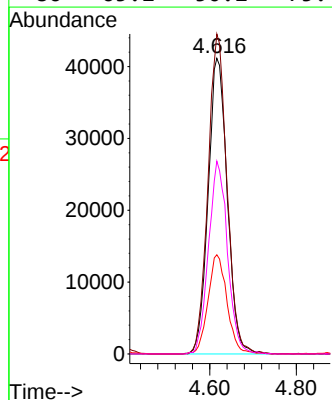
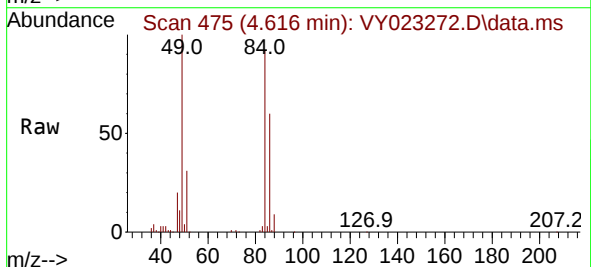
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

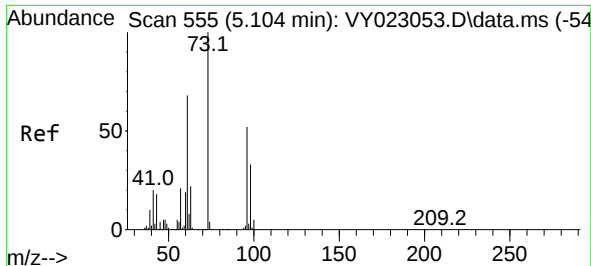
Tgt Ion: 73 Resp: 224073
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7



#20
Methylene Chloride
Concen: 23.160 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 84 Resp: 126341
Ion Ratio Lower Upper
84 100
49 108.2 93.0 139.6
51 33.6 29.0 43.4
86 65.2 50.2 75.4

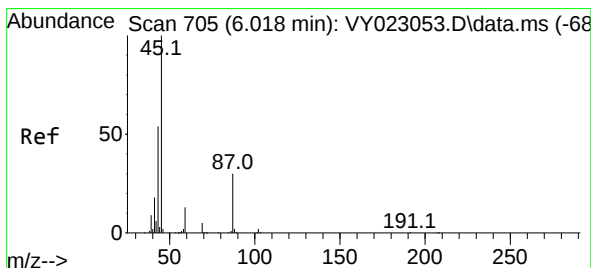
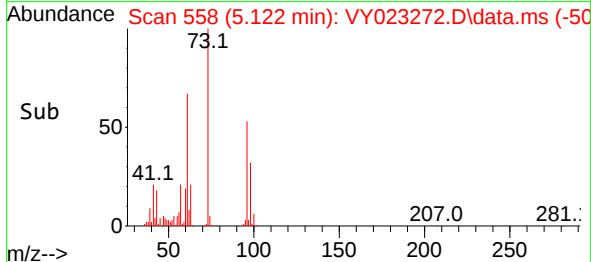
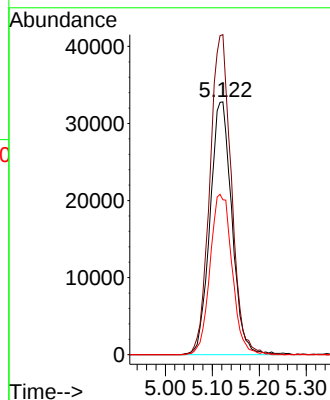
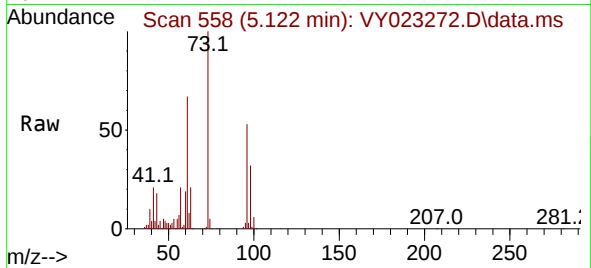




#21
trans-1,2-Dichloroethene
Concen: 20.494 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

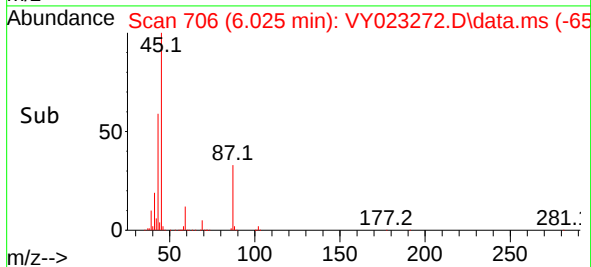
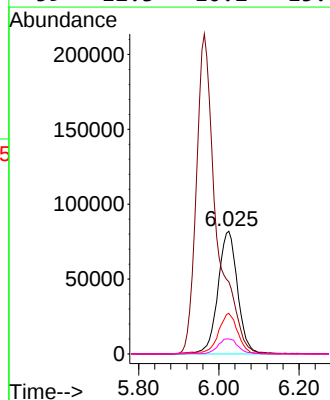
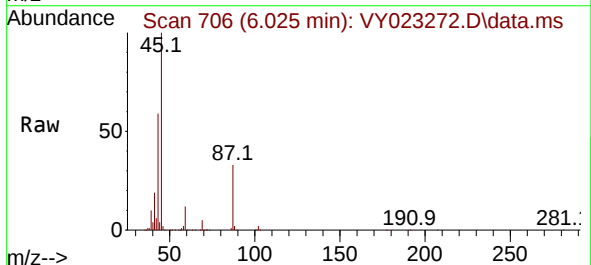
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

Tgt Ion: 96 Resp: 106155
Ion Ratio Lower Upper
96 100
61 126.6 104.8 157.2
98 61.3 50.1 75.1



#22
Diisopropyl ether
Concen: 18.873 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 45 Resp: 278143
Ion Ratio Lower Upper
45 100
43 58.3 43.4 65.0
87 33.0 24.4 36.6
59 12.3 10.2 15.4

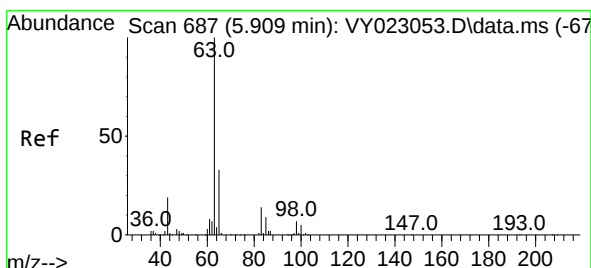
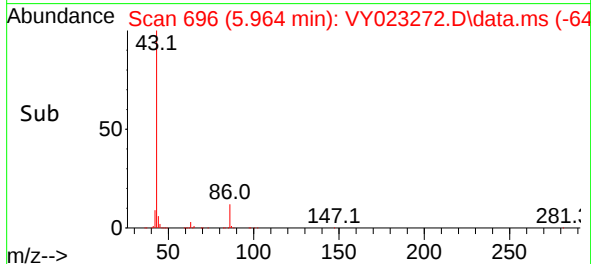
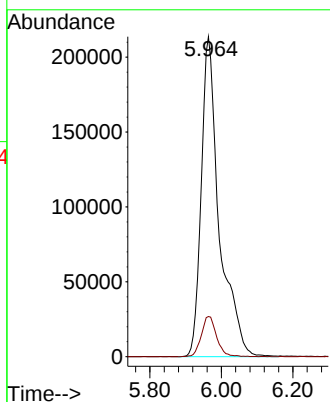
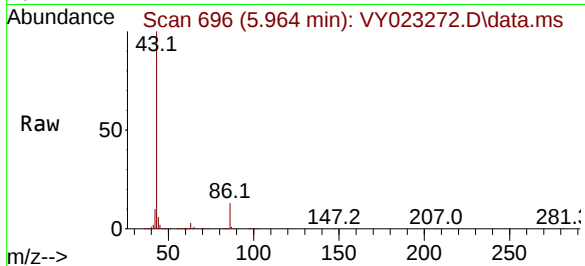




#23
 Vinyl Acetate
 Concen: 91.684 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023272.D
 Acq: 03 Sep 2025 11:24

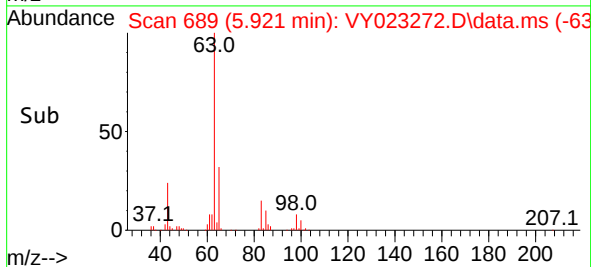
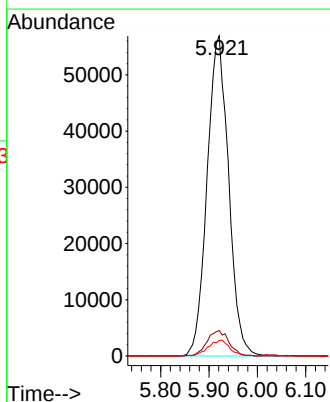
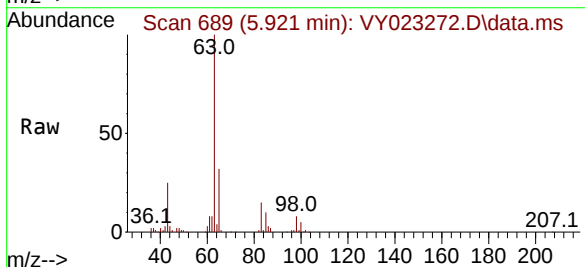
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

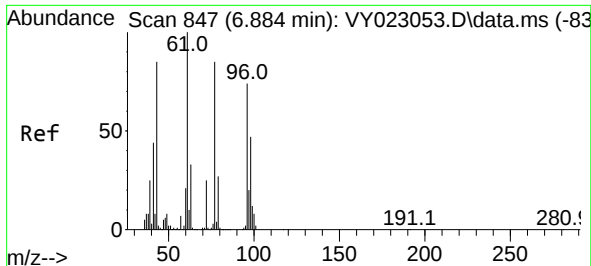
Tgt Ion: 43 Resp: 747145
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.477 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023272.D
 Acq: 03 Sep 2025 11:24

Tgt Ion: 63 Resp: 175497
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 103.756 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

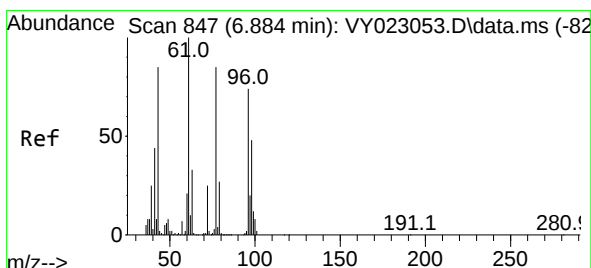
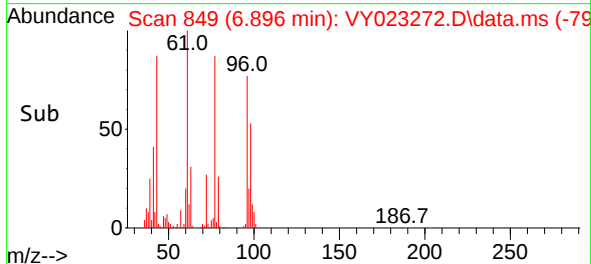
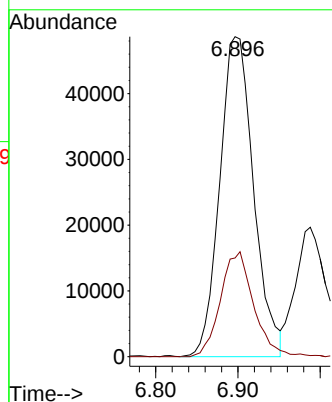
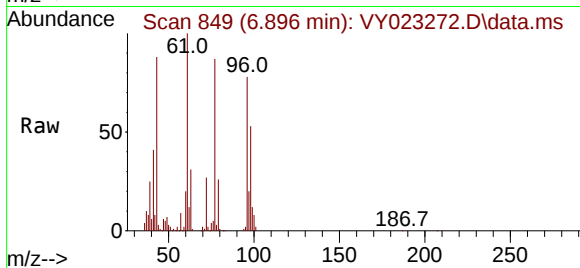
VY0903SBSD01

Tgt Ion: 43 Resp: 139362

Ion Ratio Lower Upper

43 100

72 30.8 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.217 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023272.D

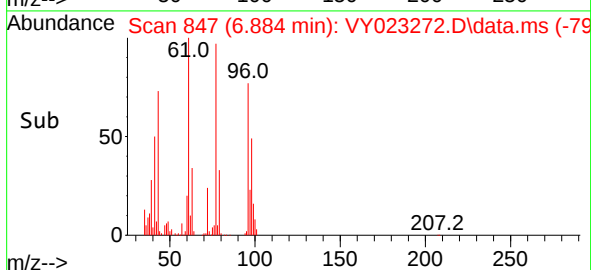
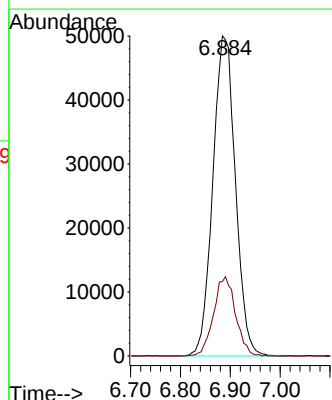
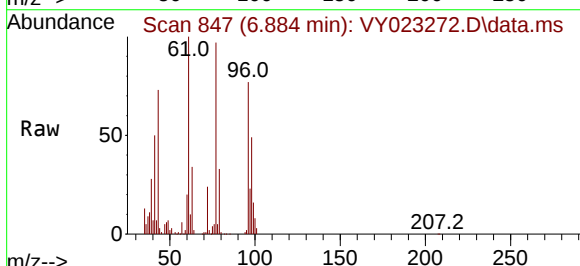
Acq: 03 Sep 2025 11:24

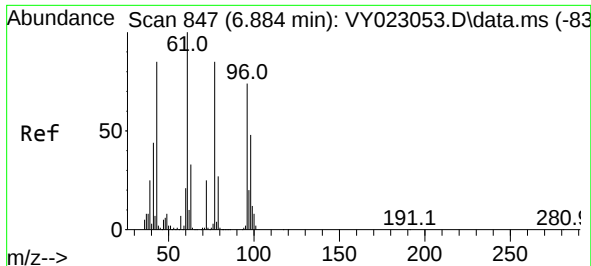
Tgt Ion: 77 Resp: 157182

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.510 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

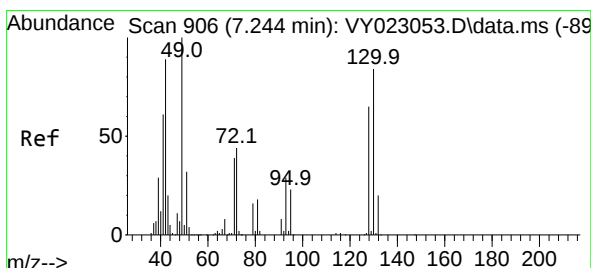
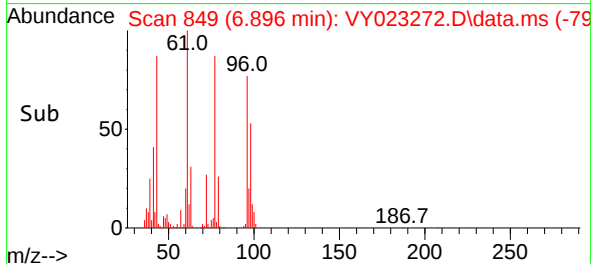
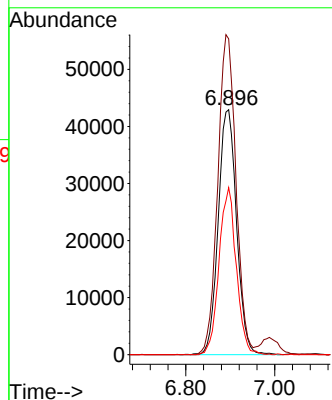
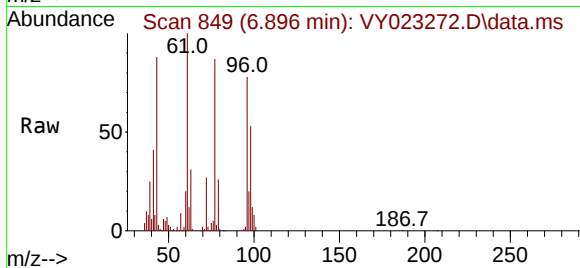
Tgt Ion: 96 Resp: 122813

Ion Ratio Lower Upper

96 100

61 129.8 0.0 278.6

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.675 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

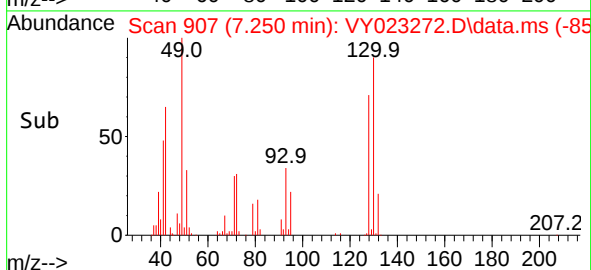
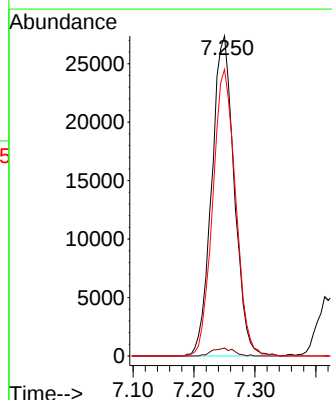
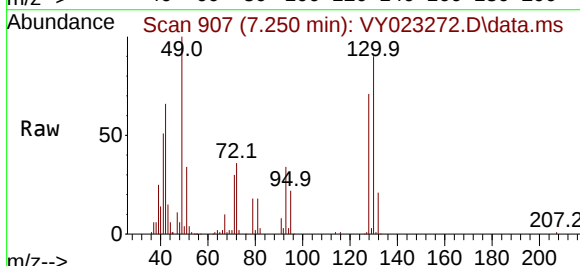
Tgt Ion: 49 Resp: 70334

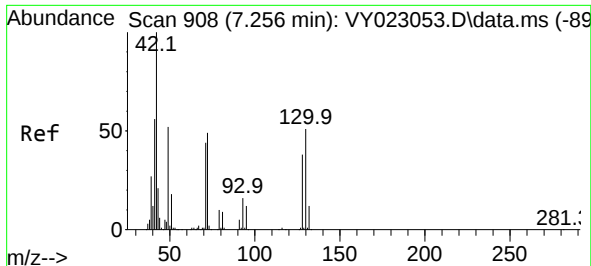
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 90.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 90.502 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

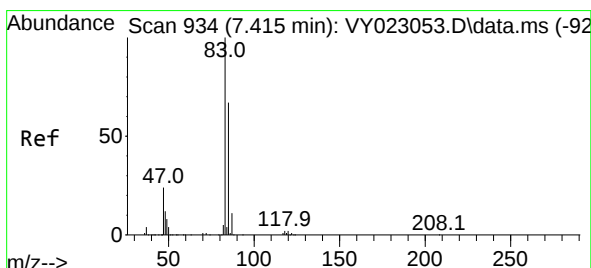
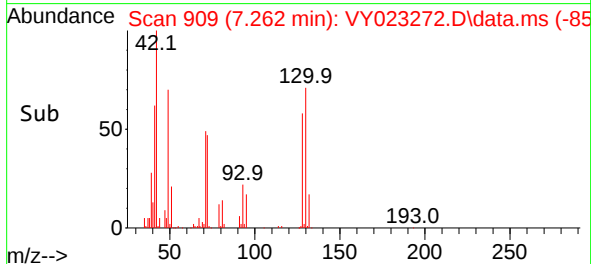
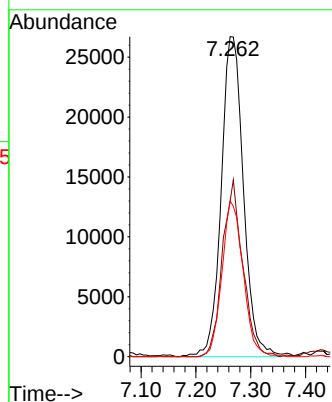
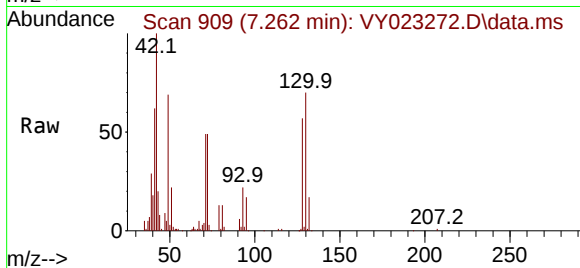
Tgt Ion: 42 Resp: 75350

Ion Ratio Lower Upper

42 100

72 50.6 39.4 59.2

71 46.5 36.5 54.7



#30

Chloroform

Concen: 20.726 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY023272.D

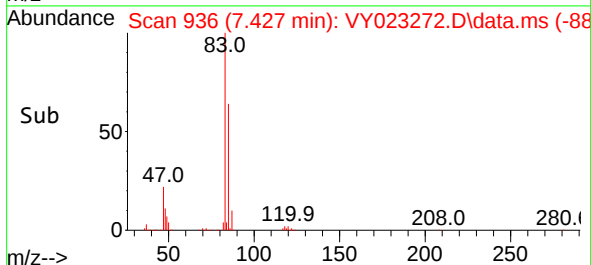
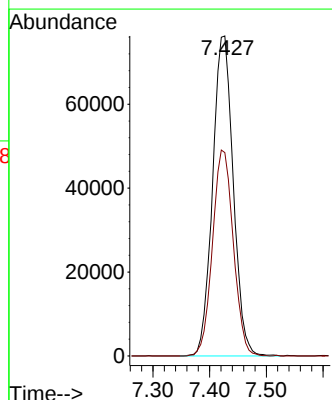
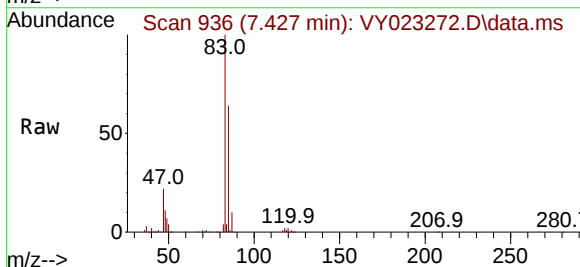
Acq: 03 Sep 2025 11:24

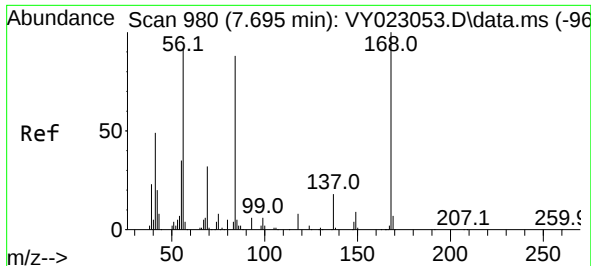
Tgt Ion: 83 Resp: 192598

Ion Ratio Lower Upper

83 100

85 63.6 53.8 80.8

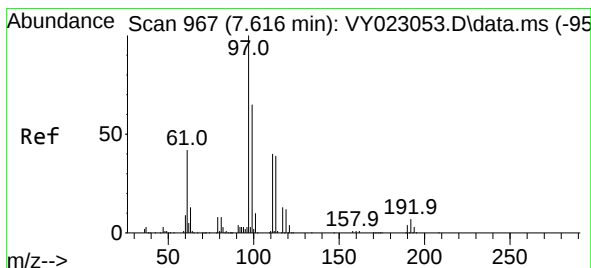
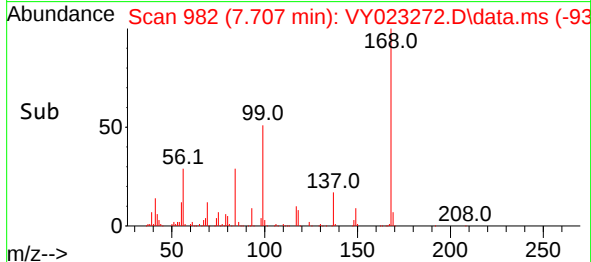
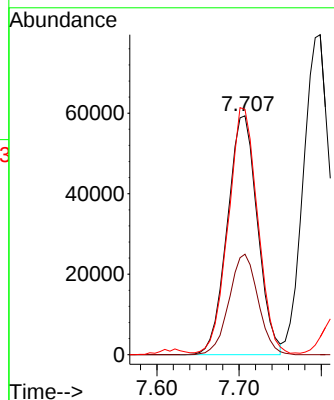
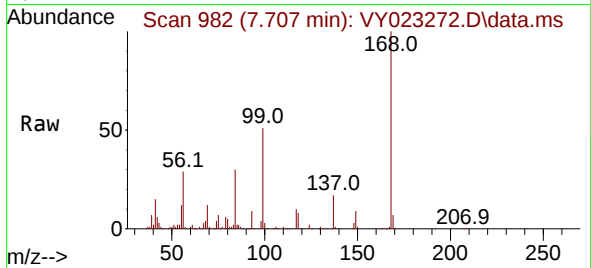




#31
Cyclohexane
Concen: 17.851 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

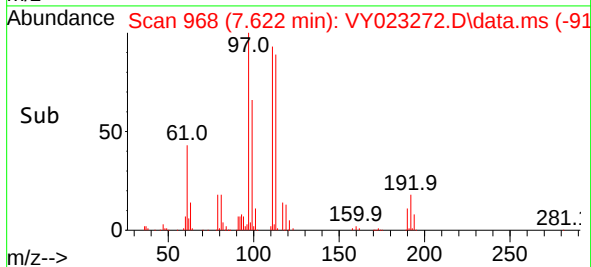
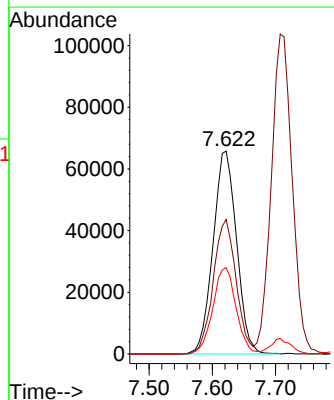
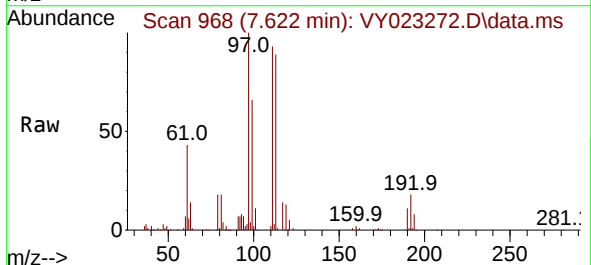
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion: 56 Resp: 151567
Ion Ratio Lower Upper
56 100
69 42.1 28.2 42.2
84 101.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.540 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 97 Resp: 169363
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.452 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

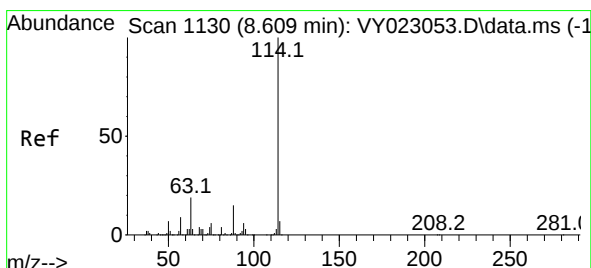
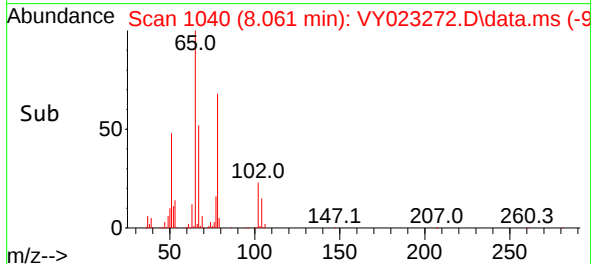
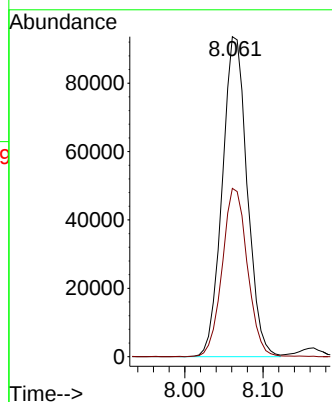
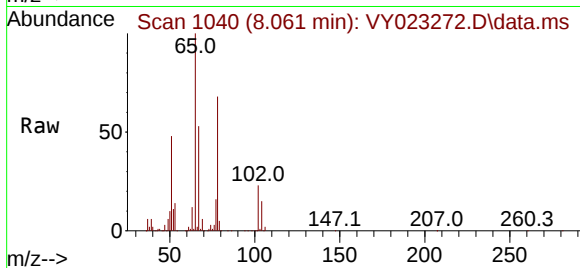
VY0903SBS01

Tgt Ion: 65 Resp: 207197

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

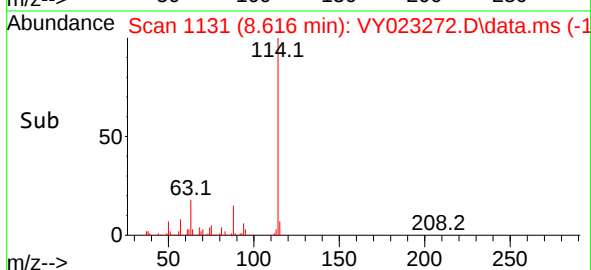
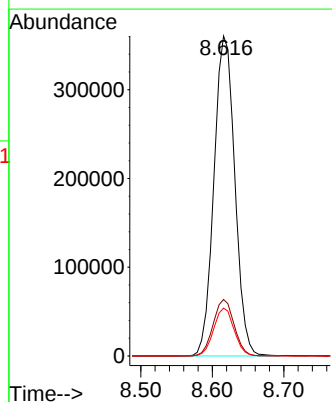
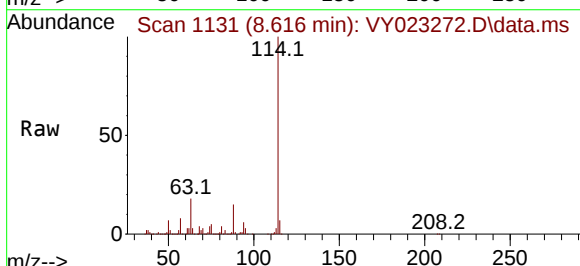
Tgt Ion: 114 Resp: 731712

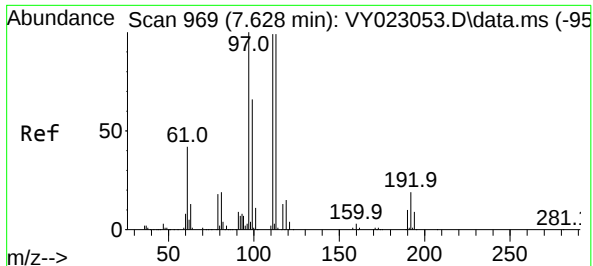
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.9 0.0 30.0

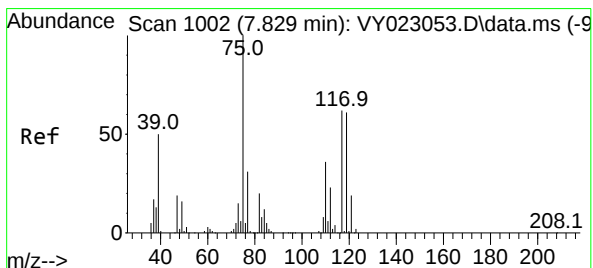
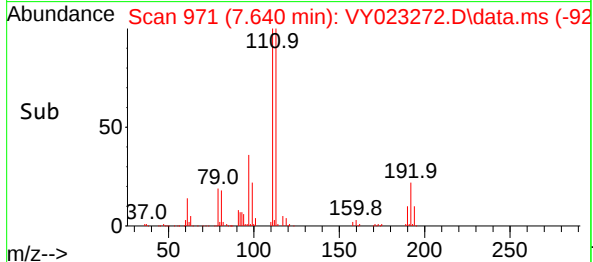
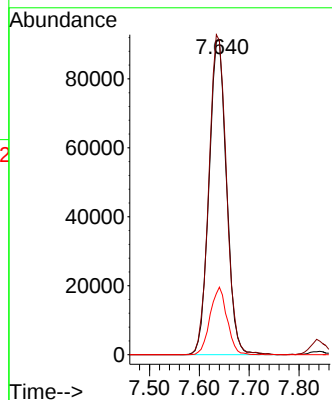
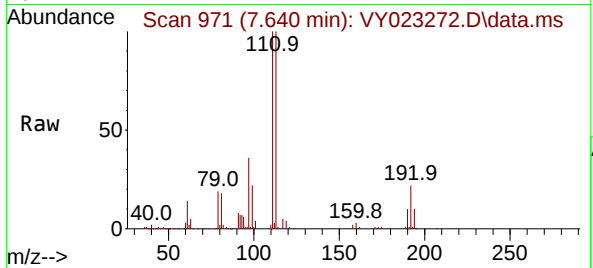




#35
Dibromofluoromethane
Concen: 50.804 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

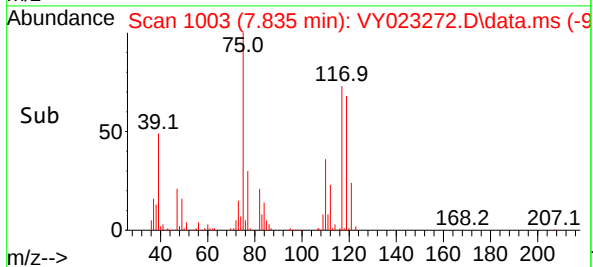
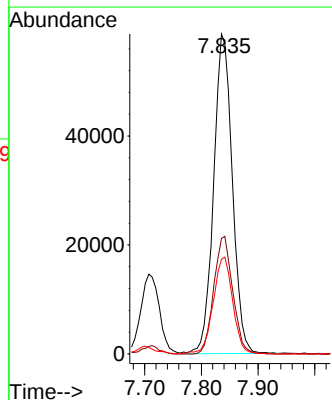
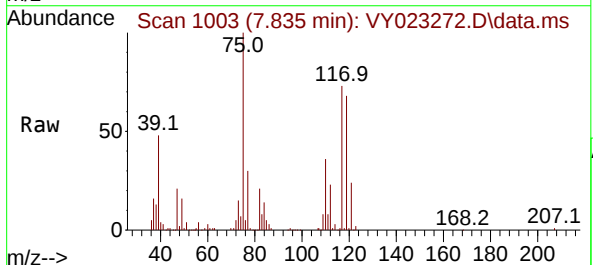
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

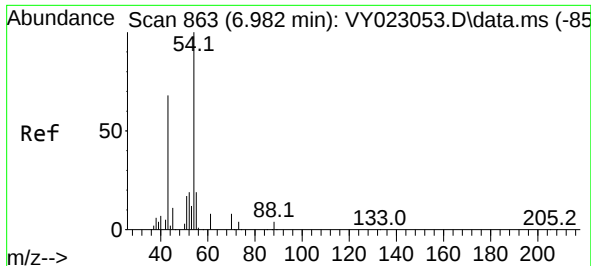
Tgt Ion:113 Resp: 222436
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 20.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.653 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 75 Resp: 134383
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.4
77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 19.354 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

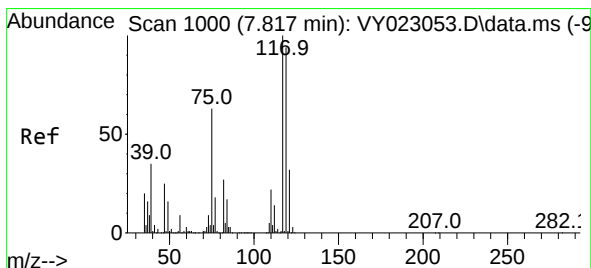
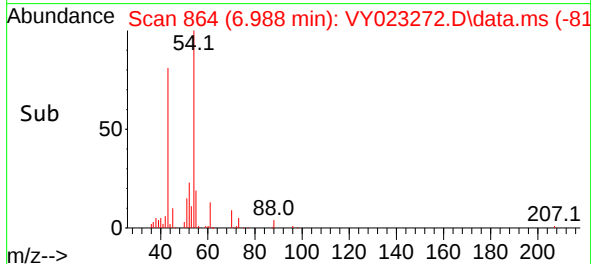
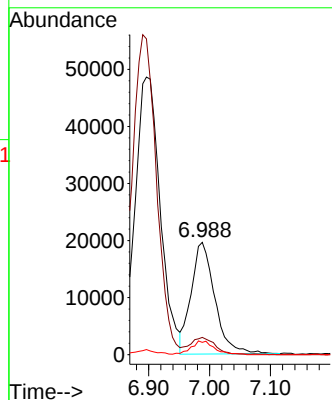
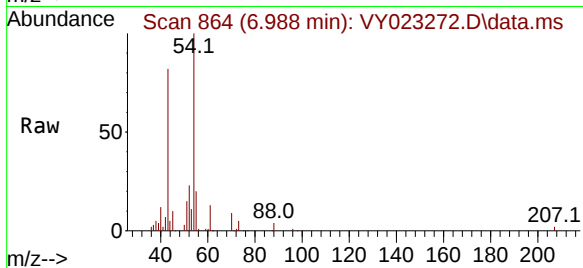
Tgt Ion: 43 Resp: 52901

Ion Ratio Lower Upper

43 100

61 14.9 11.9 17.9

70 12.0 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.829 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

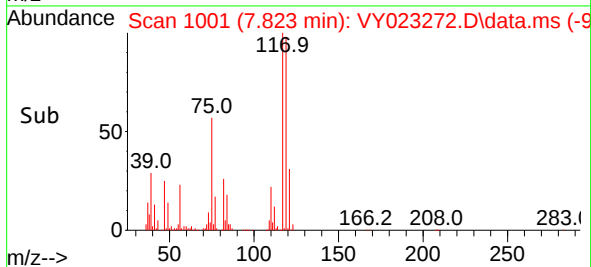
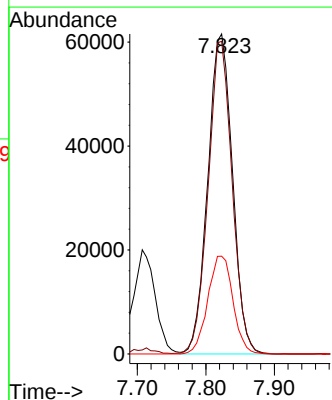
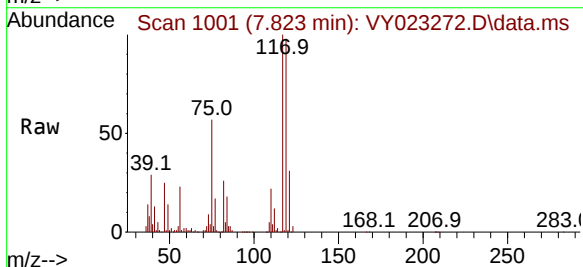
Tgt Ion: 117 Resp: 154274

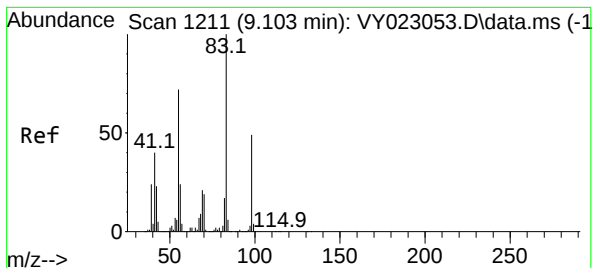
Ion Ratio Lower Upper

117 100

119 97.7 75.6 113.4

121 30.5 25.8 38.8





#39

Methylcyclohexane

Concen: 19.403 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBSD01

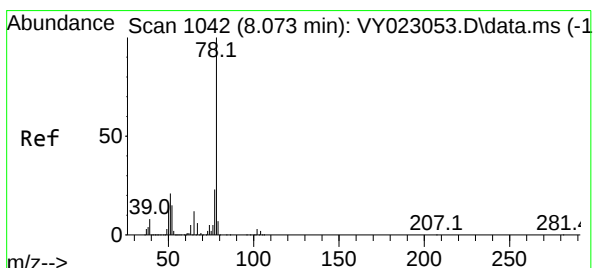
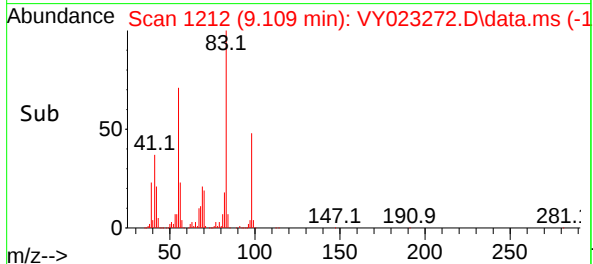
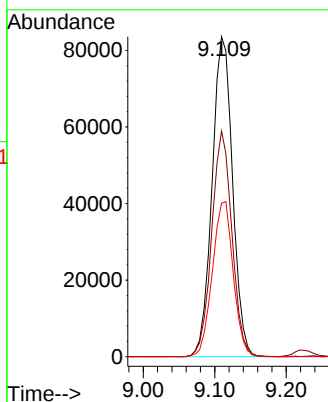
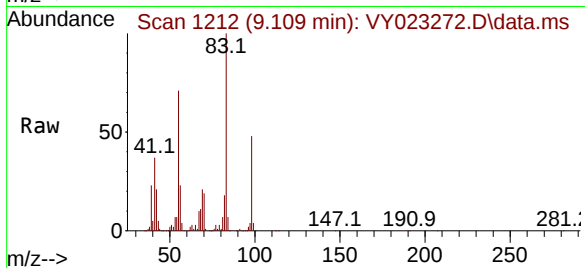
Tgt Ion: 83 Resp: 166258

Ion Ratio Lower Upper

83 100

55 70.5 57.6 86.4

98 47.9 39.2 58.8



#40

Benzene

Concen: 20.937 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023272.D

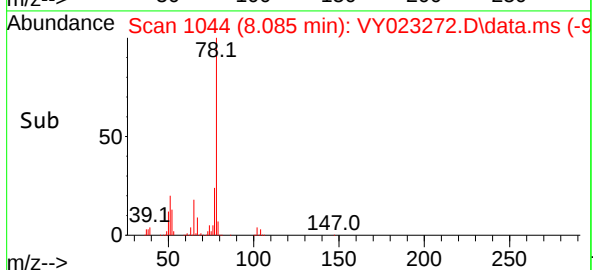
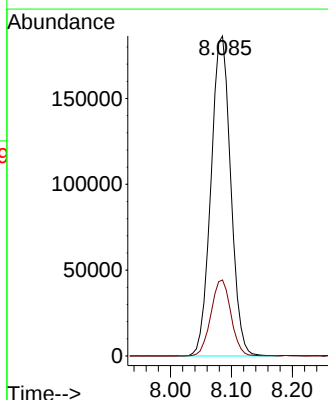
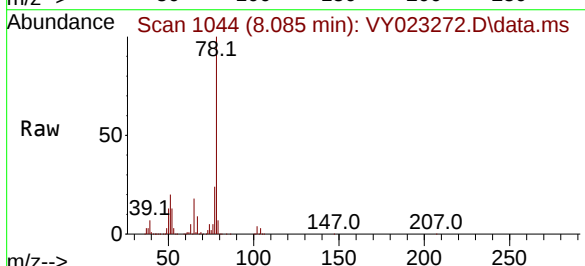
Acq: 03 Sep 2025 11:24

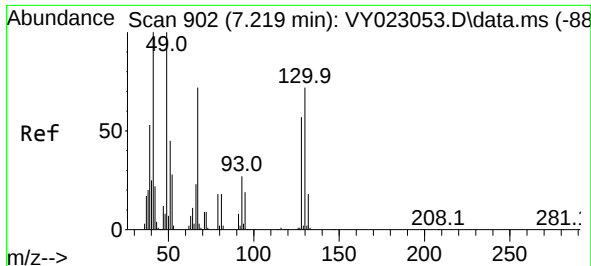
Tgt Ion: 78 Resp: 419892

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0

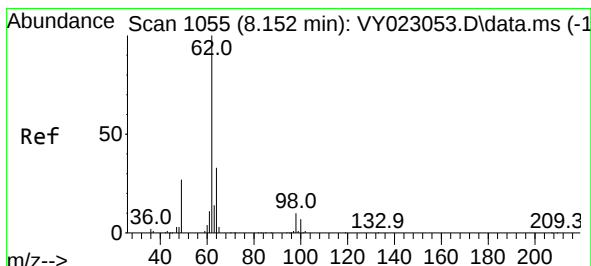
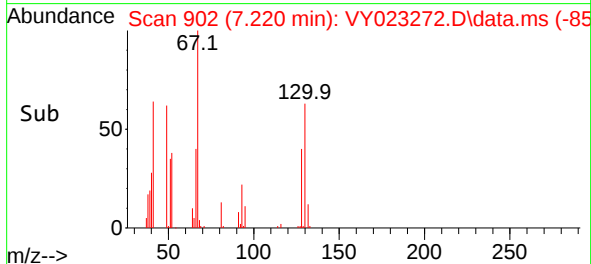
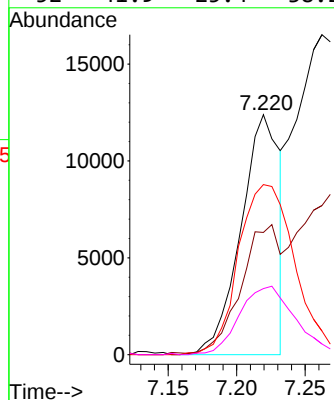
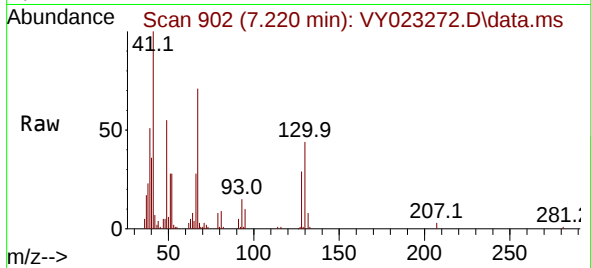




#41
Methacrylonitrile
Concen: 15.453 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

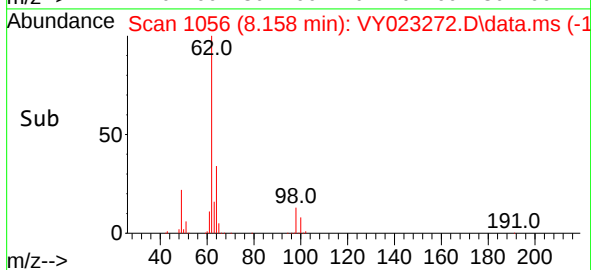
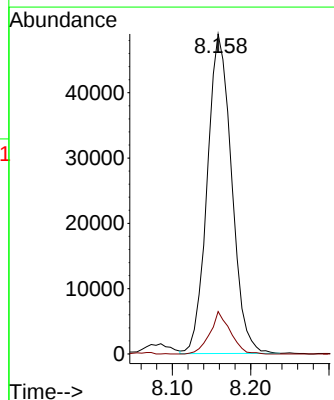
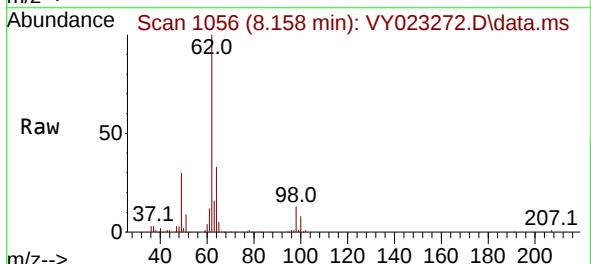
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

Tgt Ion: 41 Resp: 24377
Ion Ratio Lower Upper
41 100
39 55.0 43.4 65.2
67 104.9 63.6 95.4#
52 41.9 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.312 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 62 Resp: 105944
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.6

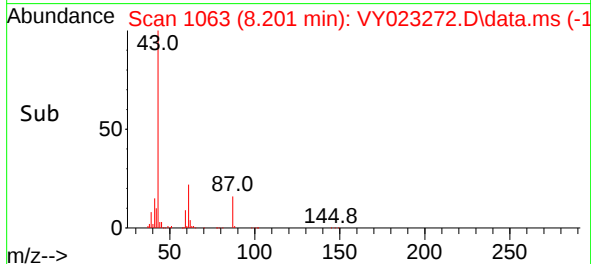
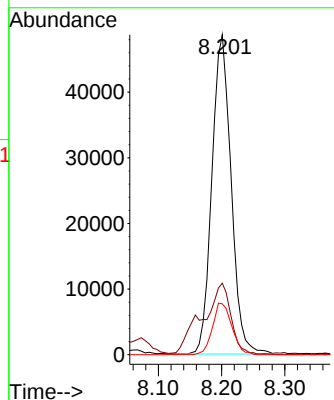
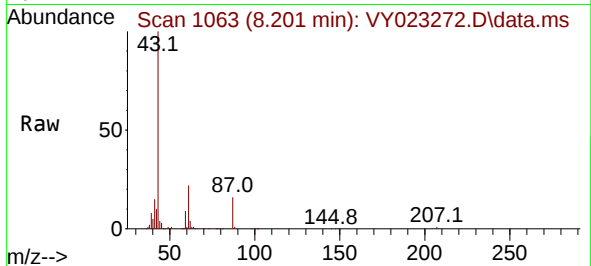




#43
Isopropyl Acetate
Concen: 18.595 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

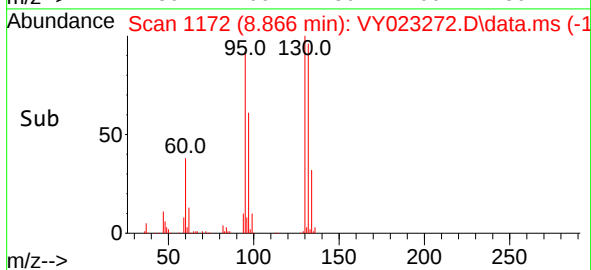
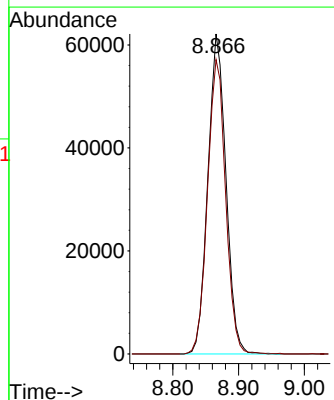
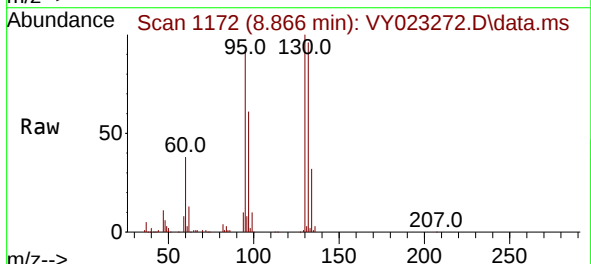
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

Tgt Ion: 43 Resp: 102726
Ion Ratio Lower Upper
43 100
61 20.9 16.4 24.6
87 16.3 11.8 17.6



#44
Trichloroethene
Concen: 22.927 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 130 Resp: 118824
Ion Ratio Lower Upper
130 100
95 92.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.604 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

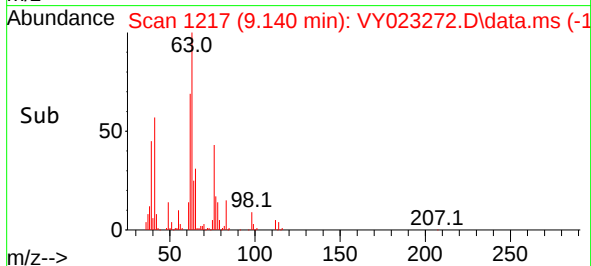
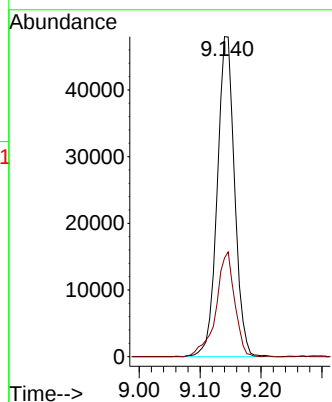
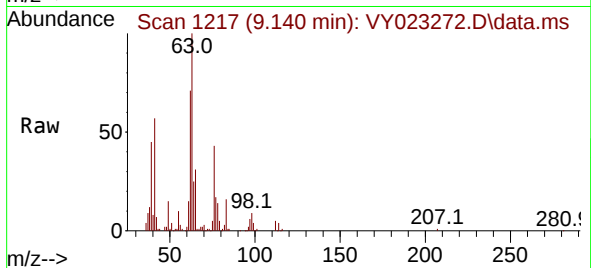
VY0903SBSD01

Tgt Ion: 63 Resp: 95074

Ion Ratio Lower Upper

63 100

65 30.8 25.3 37.9



#46

Dibromomethane

Concen: 22.017 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

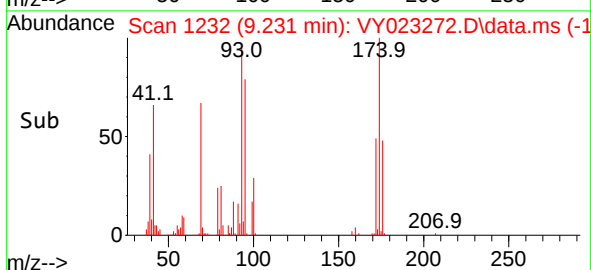
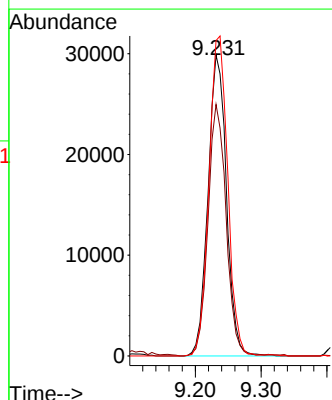
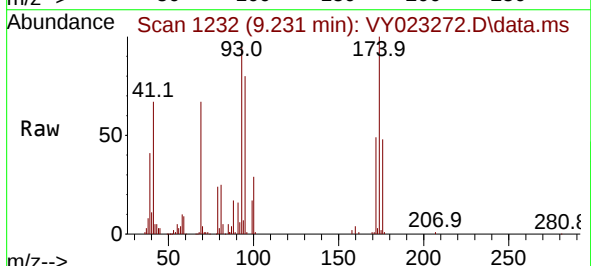
Tgt Ion: 93 Resp: 58312

Ion Ratio Lower Upper

93 100

95 82.1 66.5 99.7

174 108.0 81.8 122.8

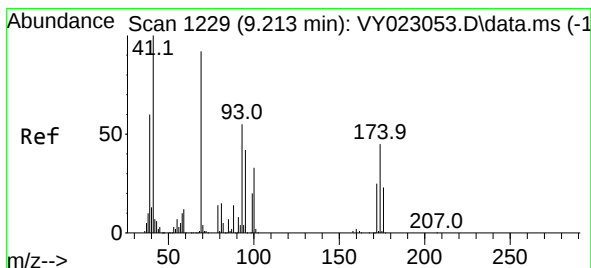
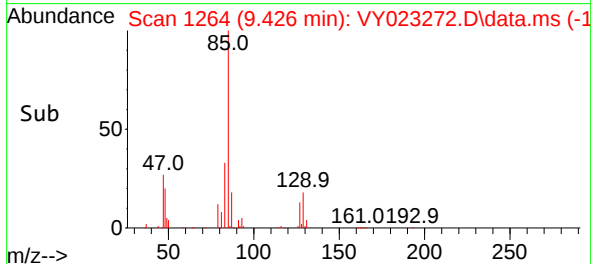
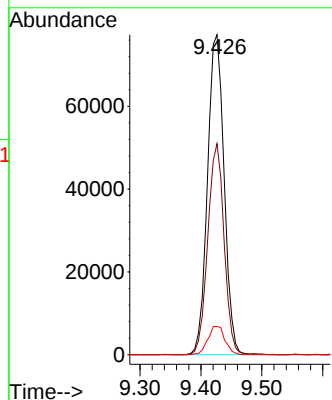
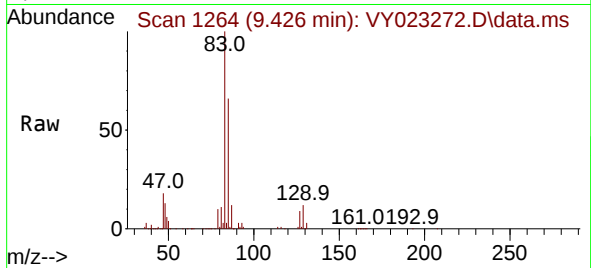




#47
Bromodichloromethane
Concen: 21.461 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

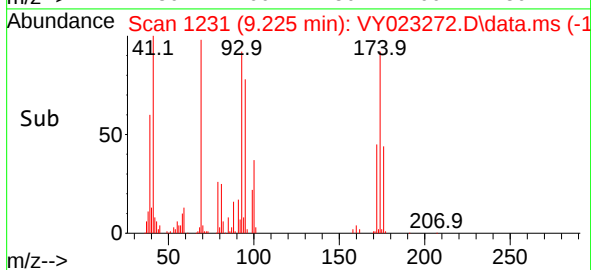
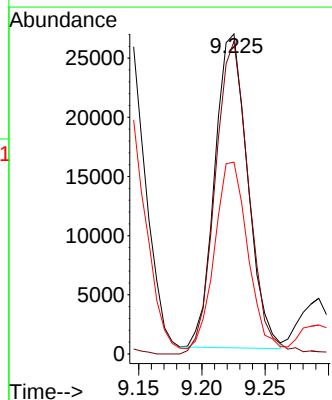
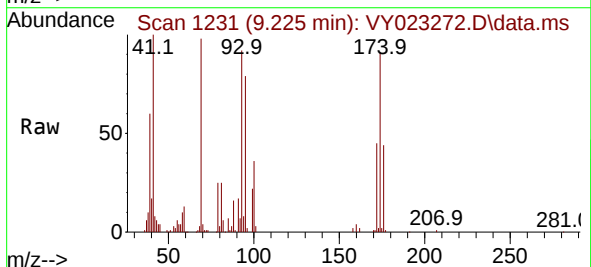
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

Tgt Ion: 83 Resp: 146260
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 18.125 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 41 Resp: 47914
Ion Ratio Lower Upper
41 100
69 102.2 73.2 109.8
39 59.7 47.0 70.4





#49

1,4-Dioxane

Concen: 404.991 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBSD01

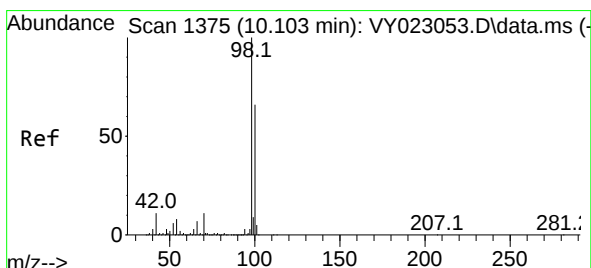
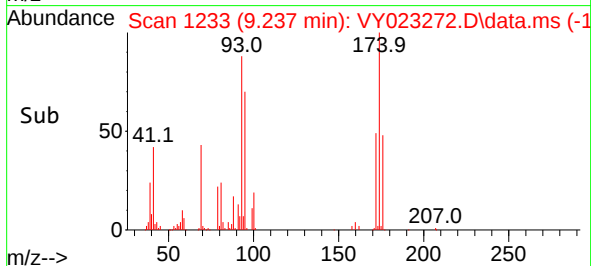
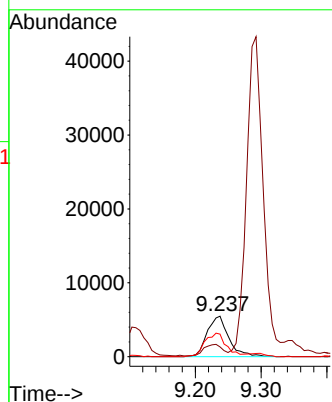
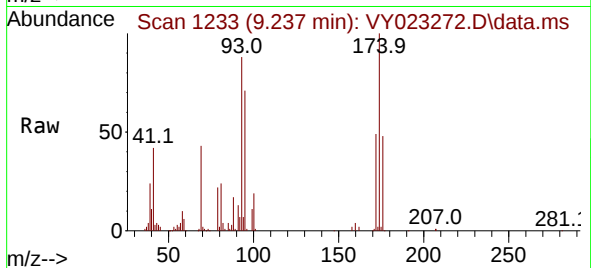
Tgt Ion: 88 Resp: 12577

Ion Ratio Lower Upper

88 100

43 24.7 24.3 36.5

58 57.8 55.4 83.0



#50

Toluene-d8

Concen: 48.921 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023272.D

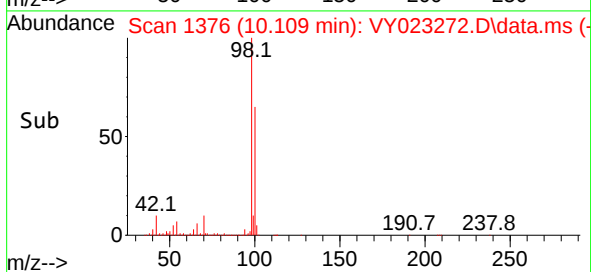
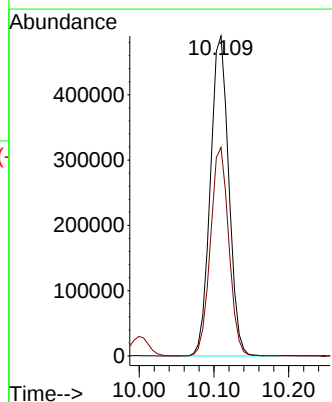
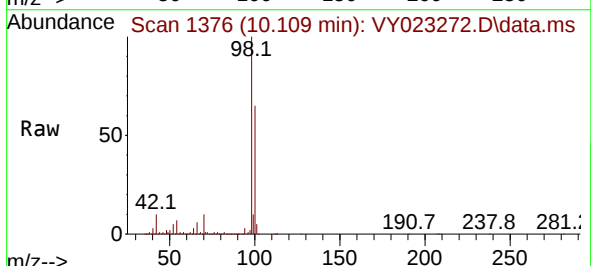
Acq: 03 Sep 2025 11:24

Tgt Ion: 98 Resp: 836765

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

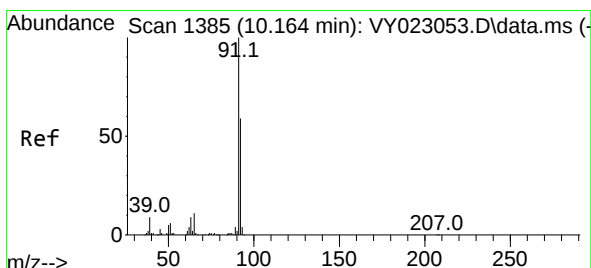
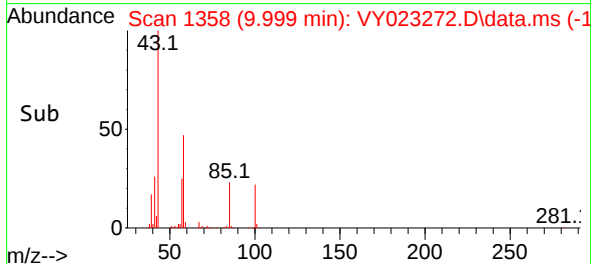
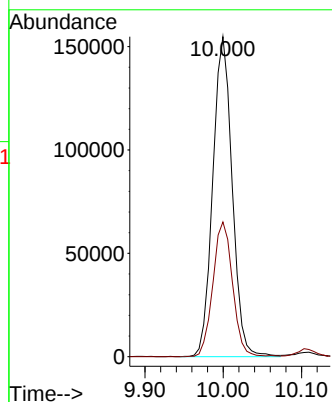
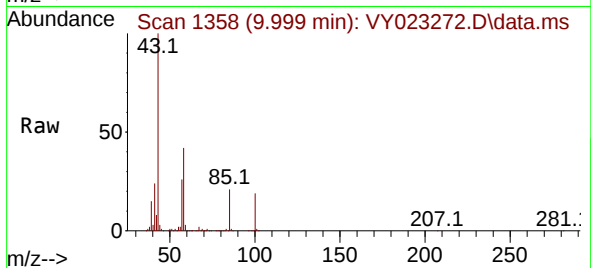




#51
4-Methyl-2-Pentanone
Concen: 93.610 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

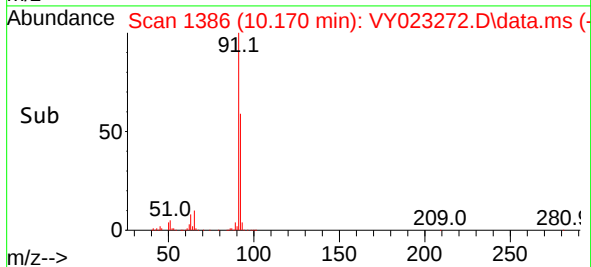
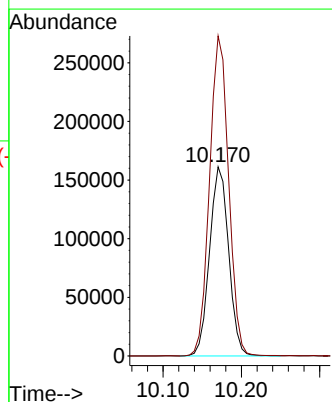
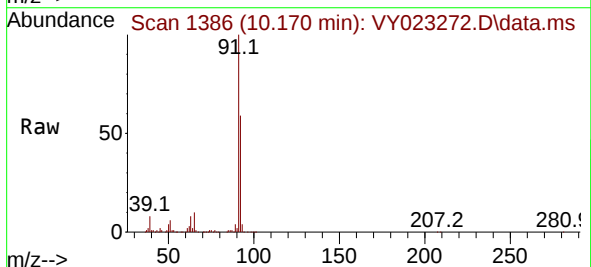
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

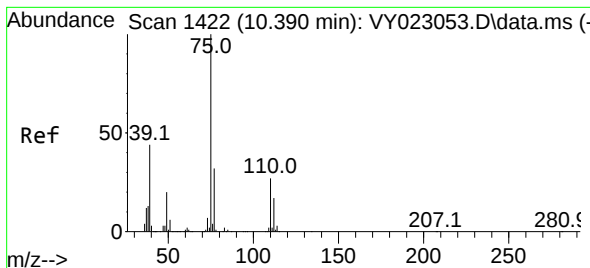
Tgt Ion: 43 Resp: 266760
Ion Ratio Lower Upper
43 100
58 42.7 33.5 50.3



#52
Toluene
Concen: 21.389 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 92 Resp: 272443
Ion Ratio Lower Upper
92 100
91 169.3 136.4 204.6

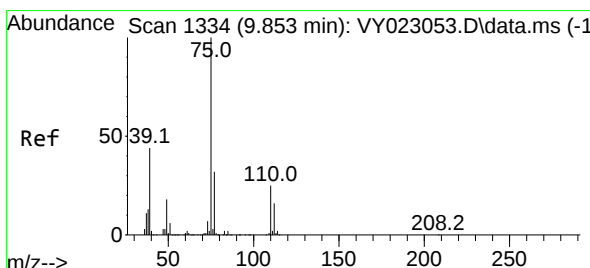
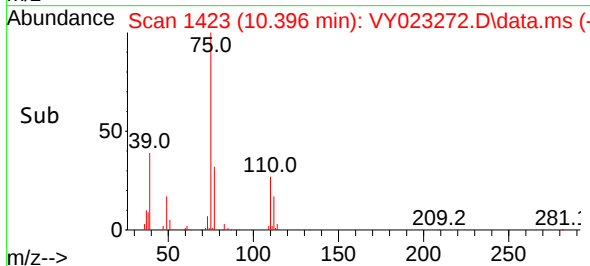
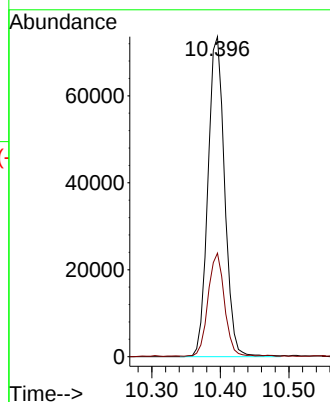
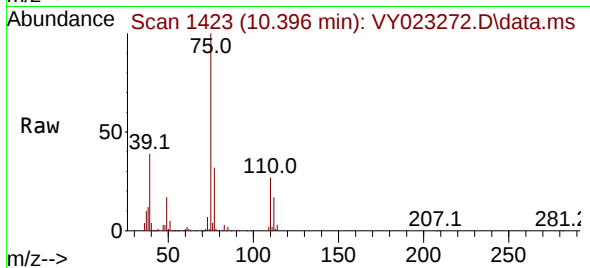




#53
t-1,3-Dichloropropene
Concen: 20.192 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

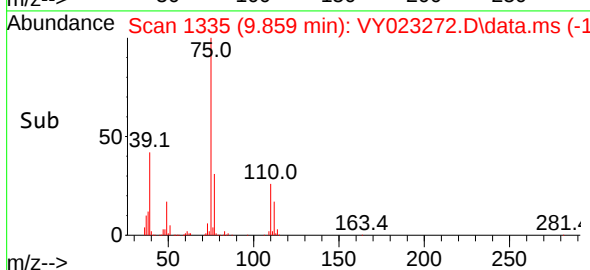
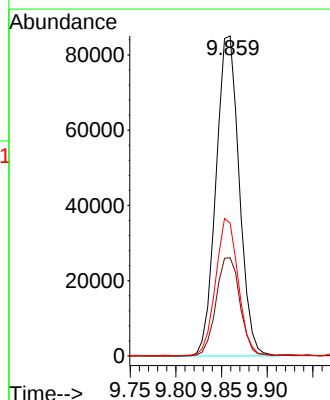
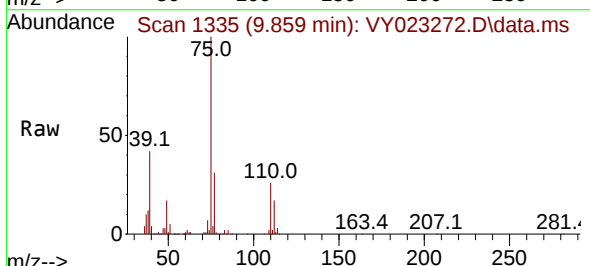
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

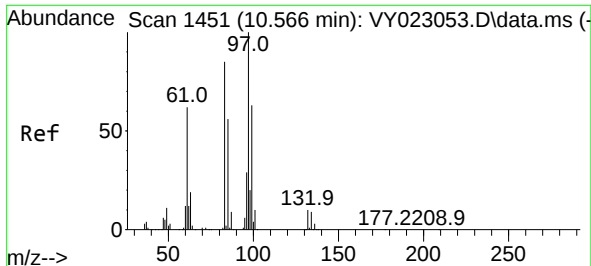
Tgt Ion: 75 Resp: 124612
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.645 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 75 Resp: 150657
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 41.4 35.6 53.4

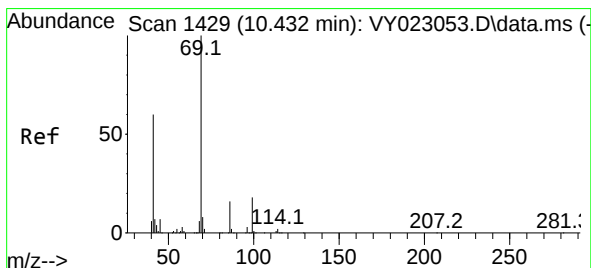
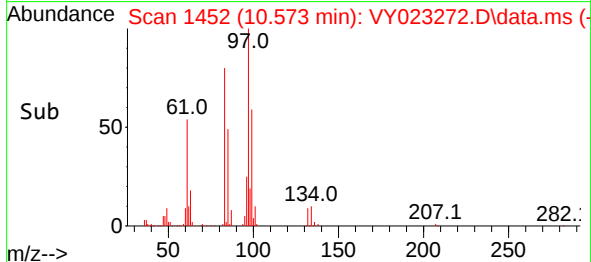
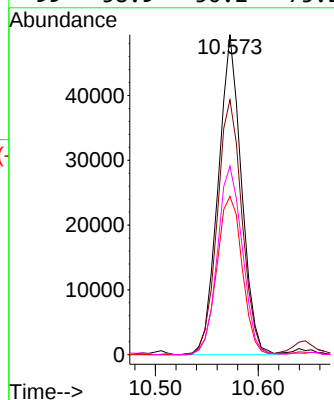
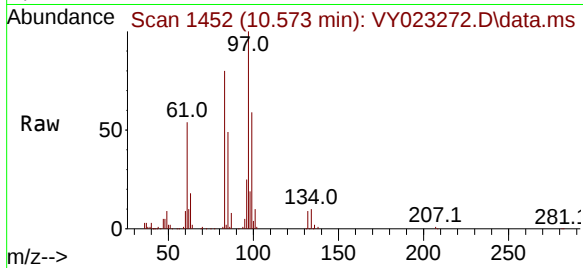




#55
1,1,2-Trichloroethane
Concen: 21.949 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

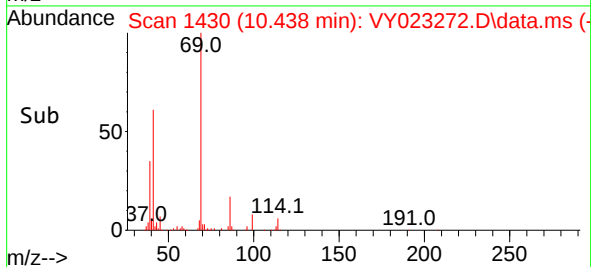
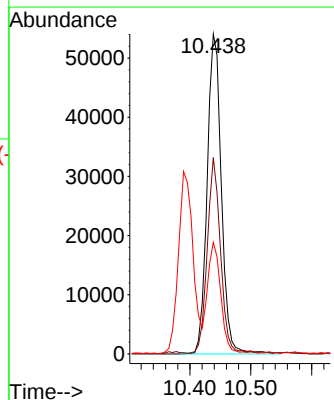
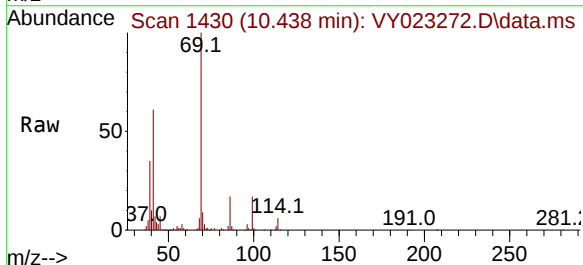
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

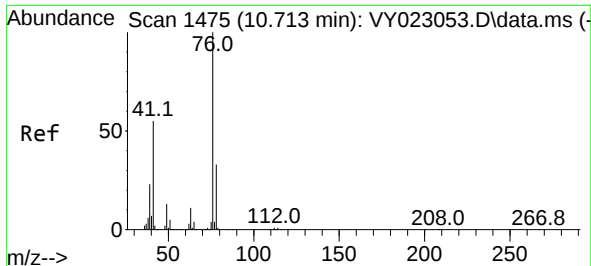
Tgt Ion: 97	Resp: 77787
Ion Ratio	Lower Upper
97 100	
83 79.7	67.7 101.5
85 49.5	44.5 66.7
99 58.9	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.320 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 69	Resp: 87613
Ion Ratio	Lower Upper
69 100	
41 56.6	48.6 72.8
39 31.5	27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.038 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

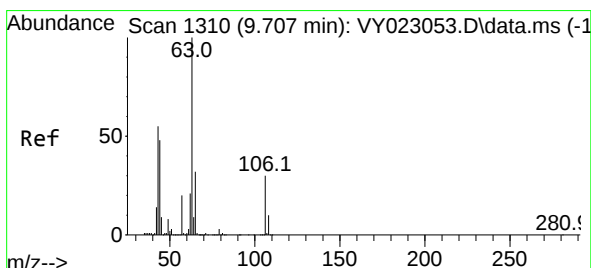
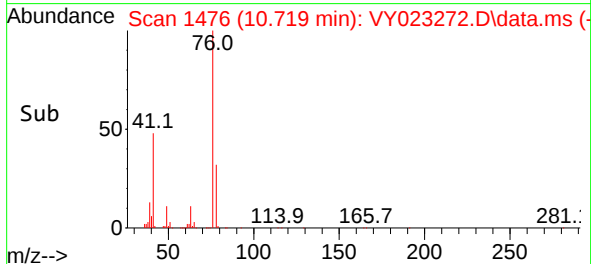
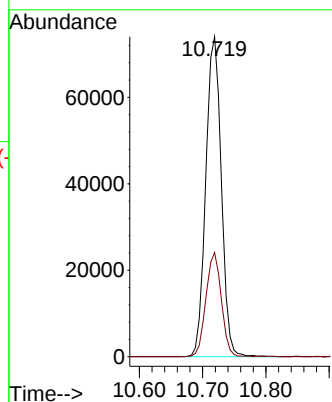
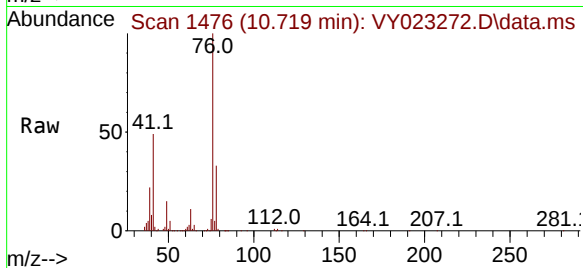
VY0903SBSD01

Tgt Ion: 76 Resp: 126449

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.664 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023272.D

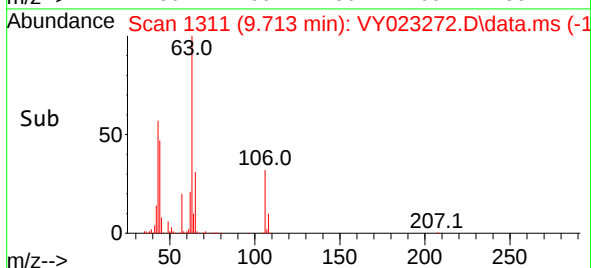
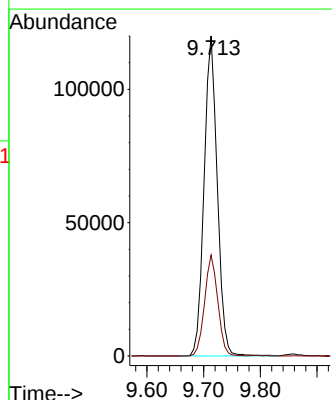
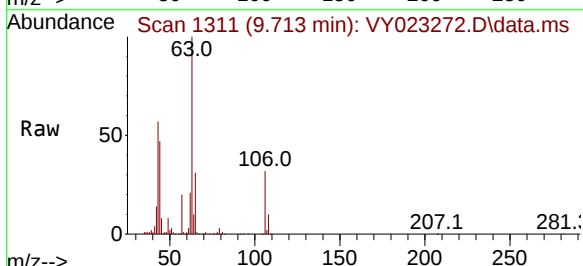
Acq: 03 Sep 2025 11:24

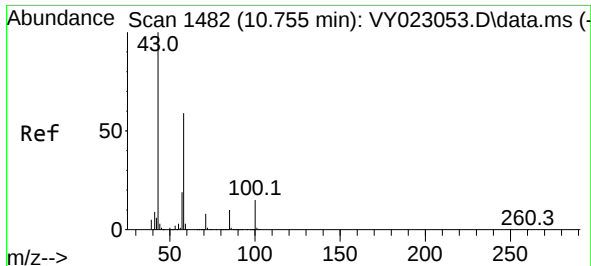
Tgt Ion: 63 Resp: 193941

Ion Ratio Lower Upper

63 100

106 31.4 23.2 34.8

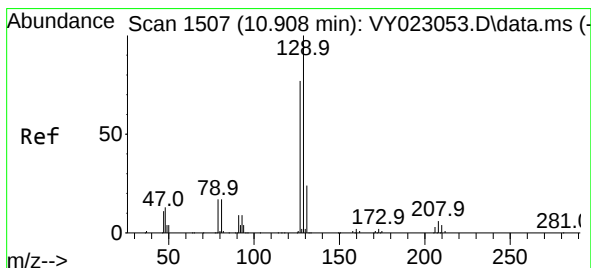
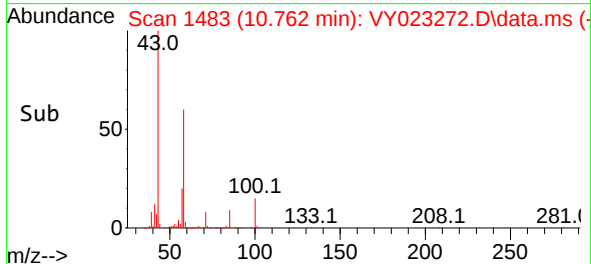
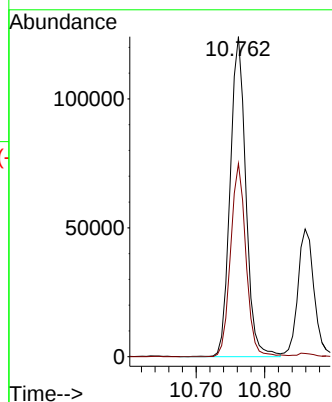
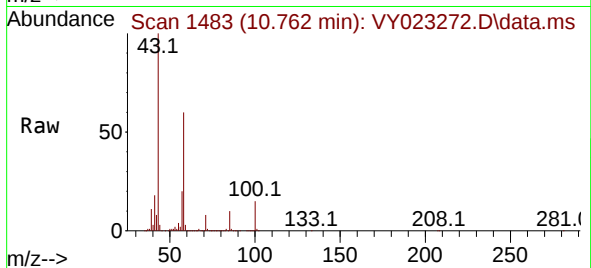




#59
2-Hexanone
Concen: 101.518 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

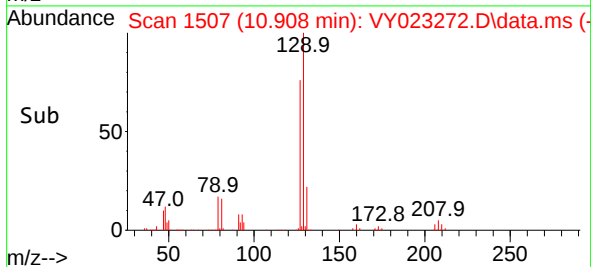
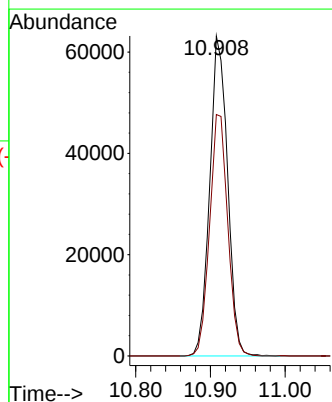
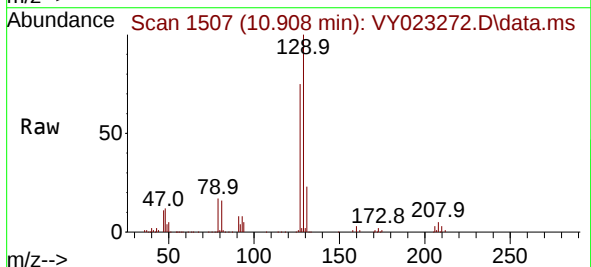
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

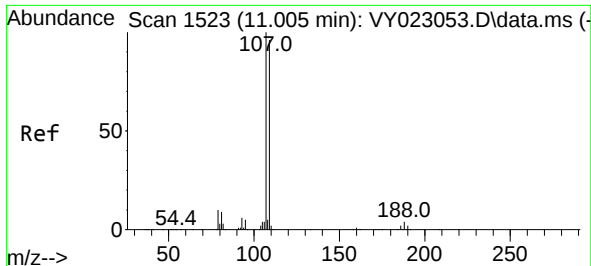
Tgt Ion: 43 Resp: 196991
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 22.341 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 129 Resp: 104475
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

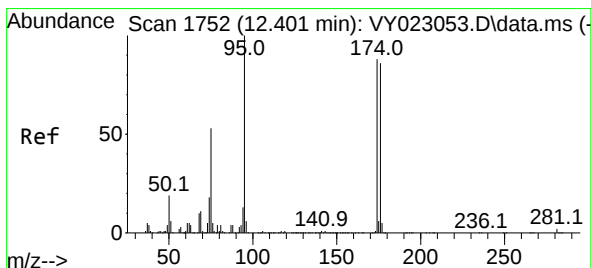
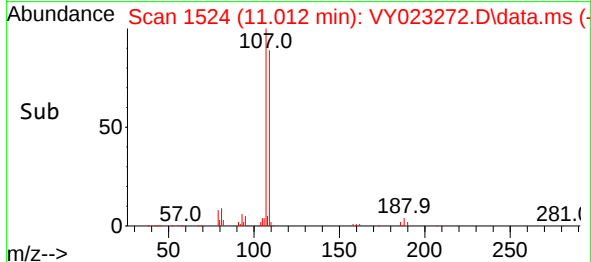
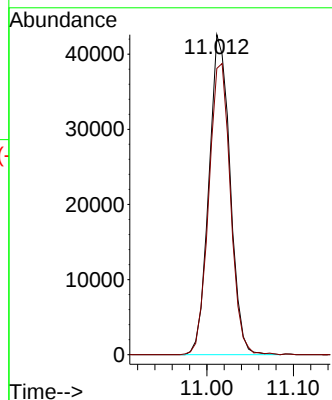
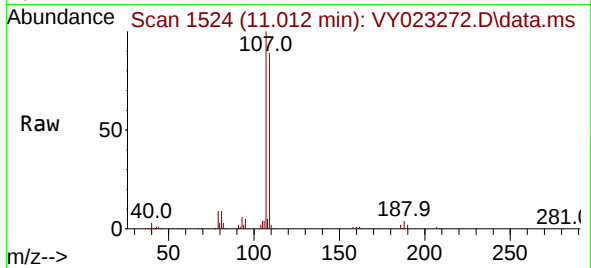




#61
1,2-Dibromoethane
Concen: 21.633 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

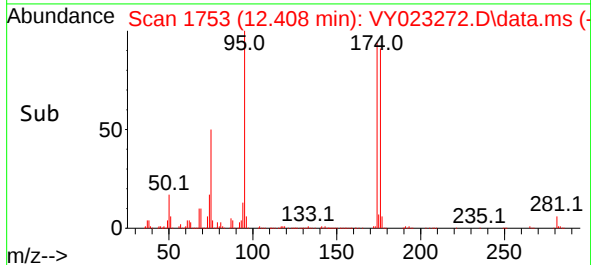
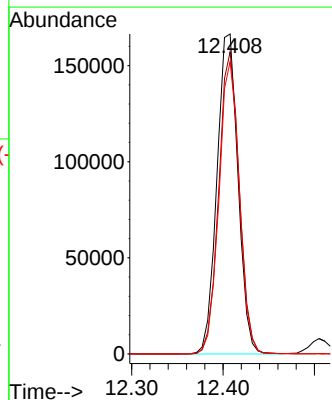
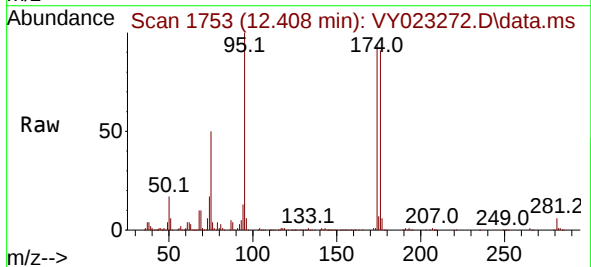
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

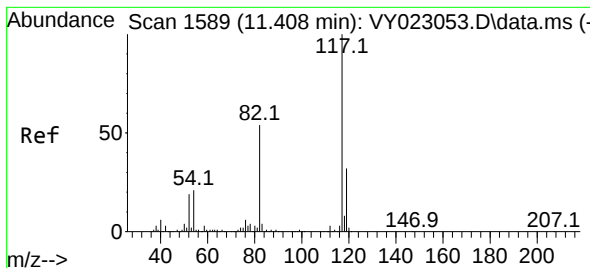
Tgt Ion:107 Resp: 72061
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.470 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 95 Resp: 266617
Ion Ratio Lower Upper
95 100
174 91.8 0.0 171.6
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

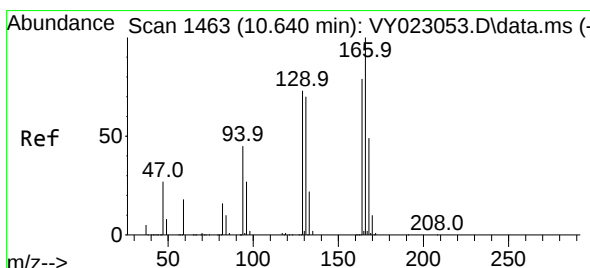
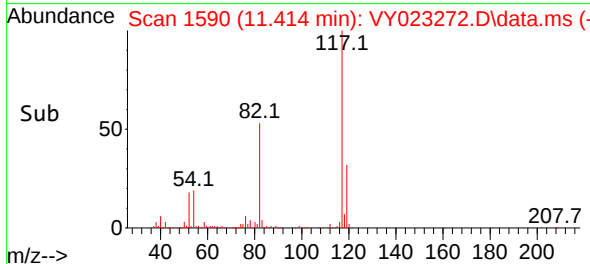
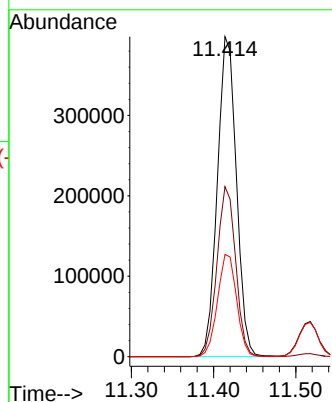
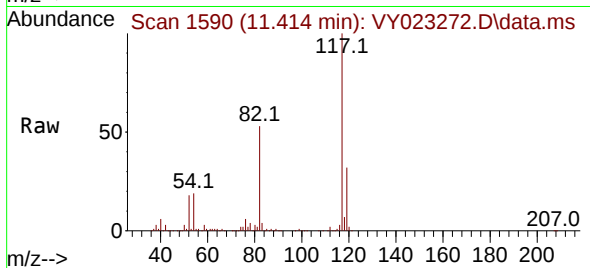
Tgt Ion:117 Resp: 641829

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 24.709 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Tgt Ion:164 Resp: 141609

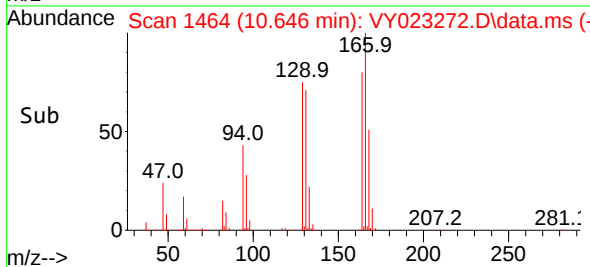
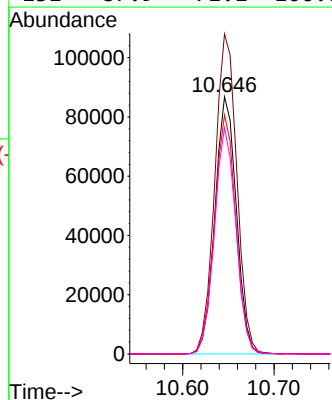
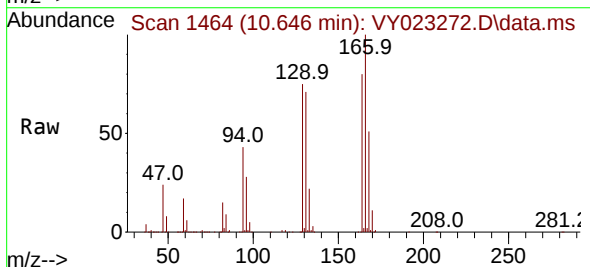
Ion Ratio Lower Upper

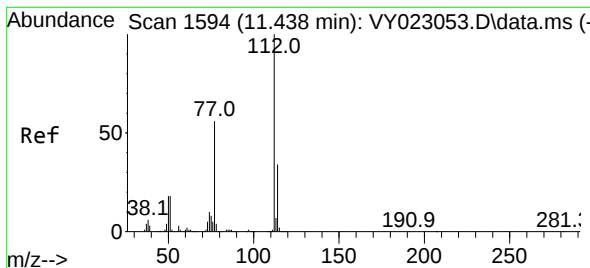
164 100

166 124.4 101.1 151.7

129 92.9 74.0 111.0

131 87.9 71.1 106.7

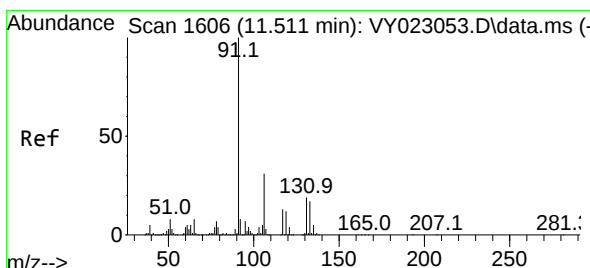
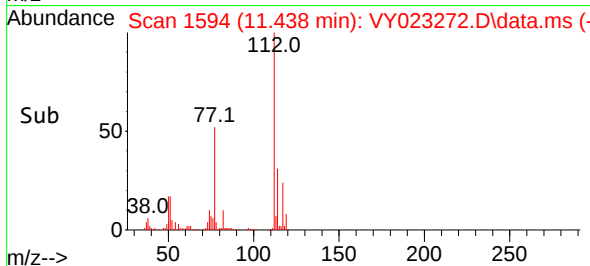
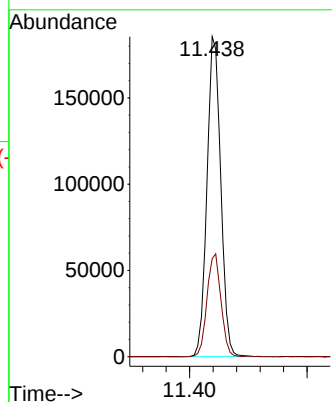
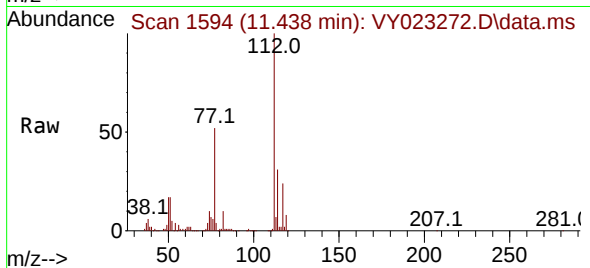




#65
Chlorobenzene
Concen: 21.789 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

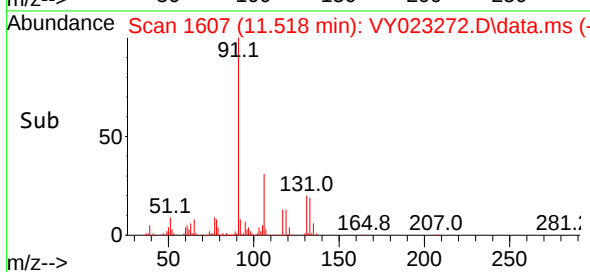
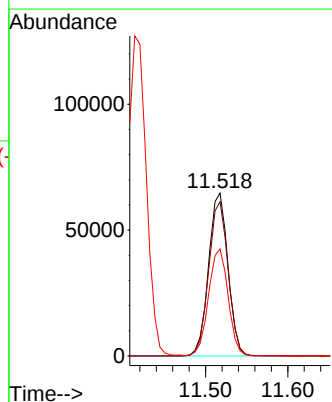
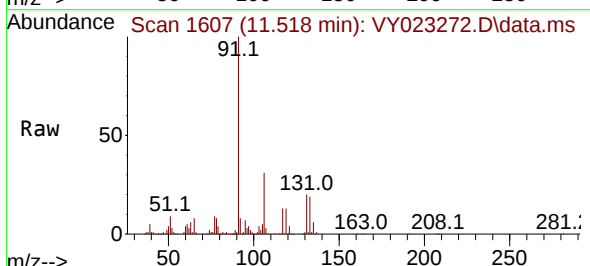
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

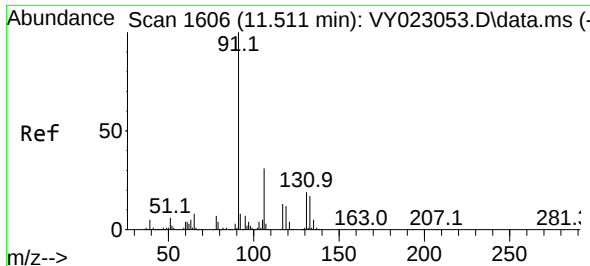
Tgt Ion:112 Resp: 301654
Ion Ratio Lower Upper
112 100
114 30.7 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.536 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion:131 Resp: 105886
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.6
119 66.4 33.2 99.6





#67

Ethyl Benzene

Concen: 20.546 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

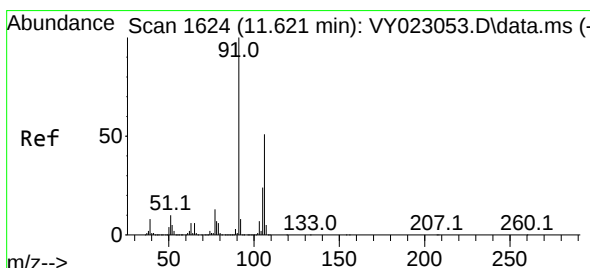
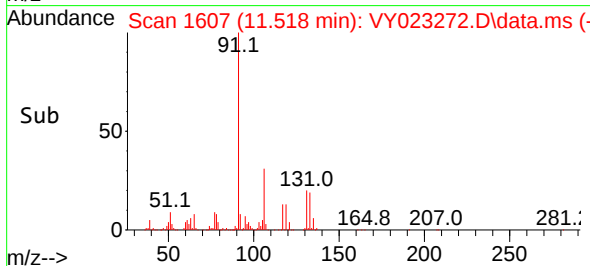
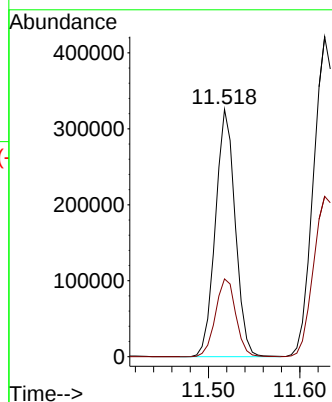
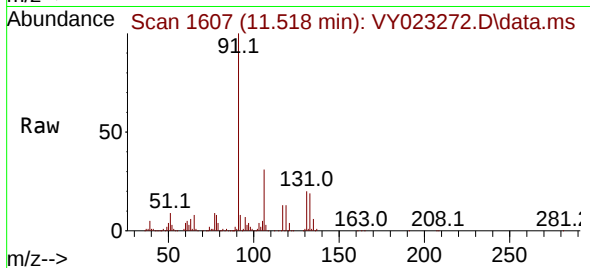
VY0903SBSD01

Tgt Ion: 91 Resp: 489512

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 42.155 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023272.D

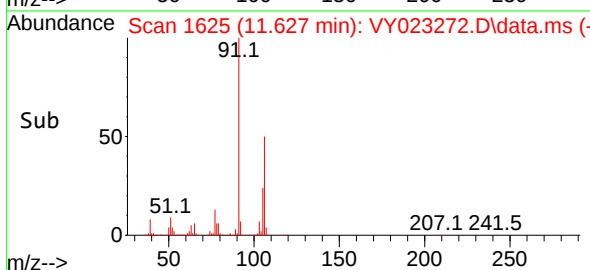
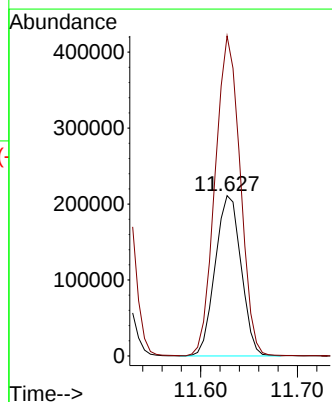
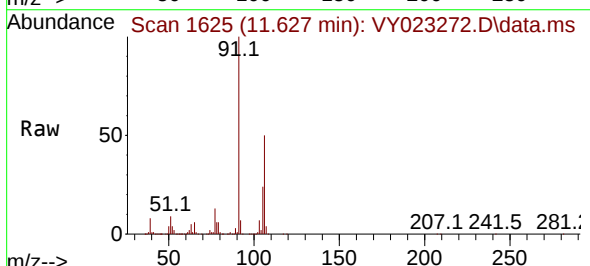
Acq: 03 Sep 2025 11:24

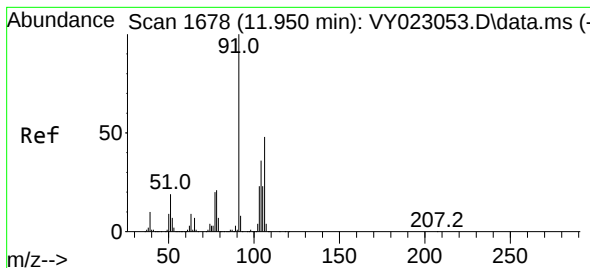
Tgt Ion:106 Resp: 392254

Ion Ratio Lower Upper

106 100

91 193.6 158.6 238.0

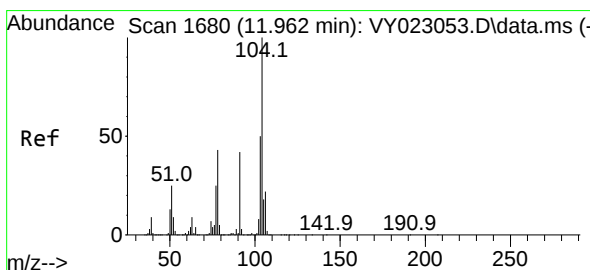
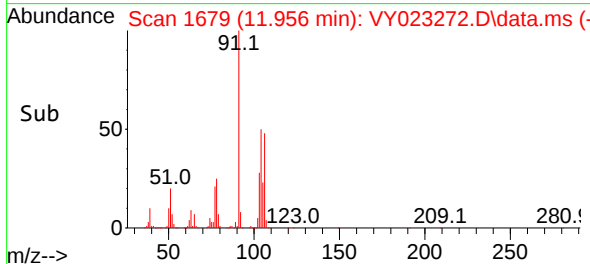
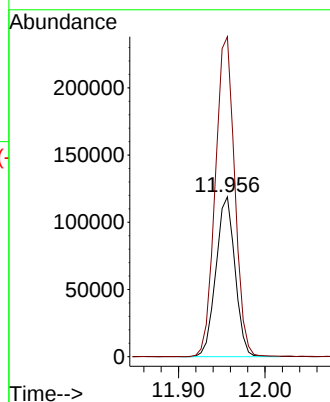
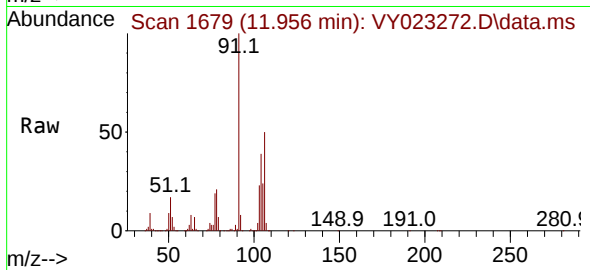




#69
o-Xylene
Concen: 20.881 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

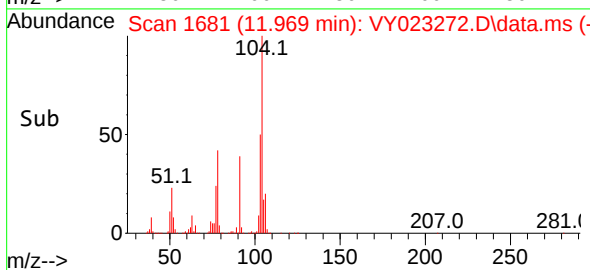
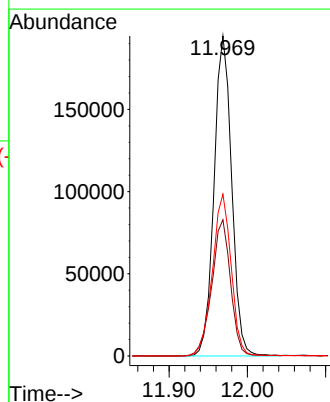
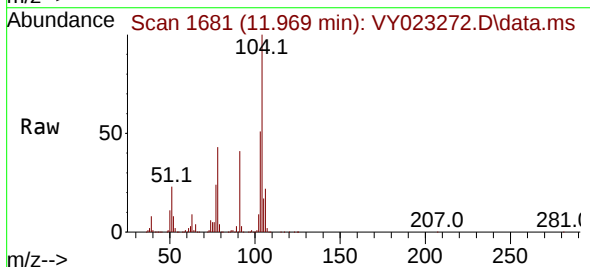
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

Tgt Ion:106 Resp: 181977
Ion Ratio Lower Upper
106 100
91 204.2 103.2 309.4



#70
Styrene
Concen: 21.357 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion:104 Resp: 304384
Ion Ratio Lower Upper
104 100
78 45.4 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 22.303 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

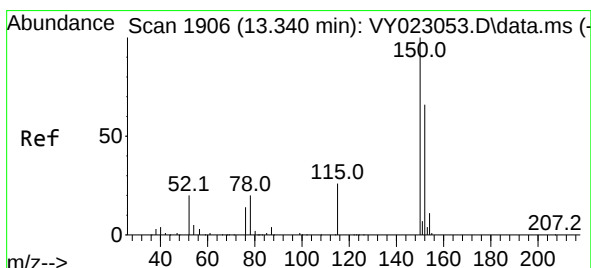
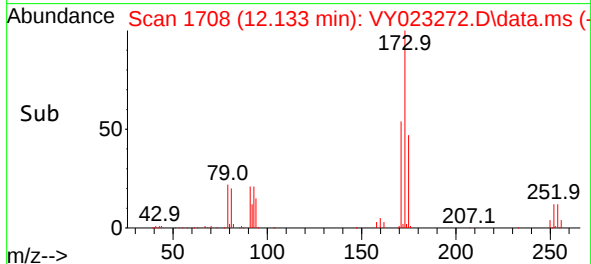
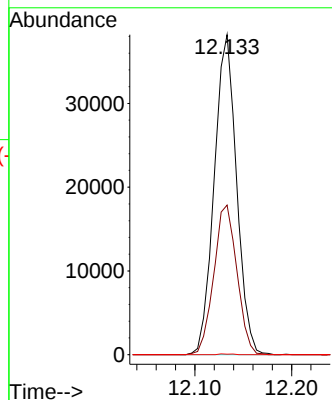
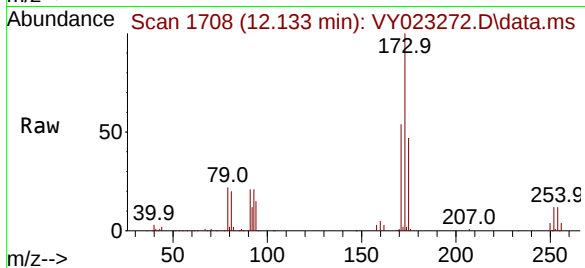
Tgt Ion:173 Resp: 61248

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

254 0.1 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: VY023272.D

Acq: 03 Sep 2025 11:24

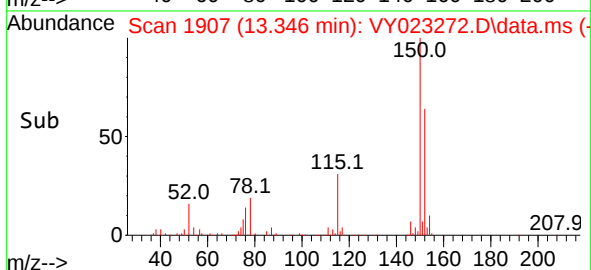
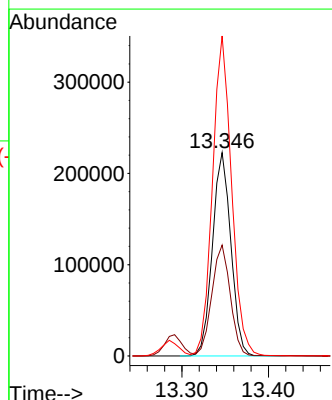
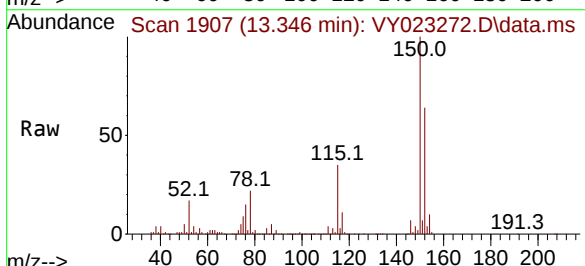
Tgt Ion:152 Resp: 329171

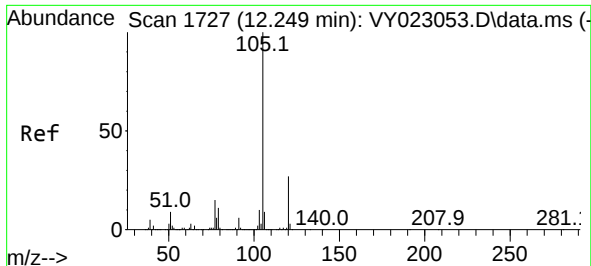
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.6

150 162.9 0.0 348.0

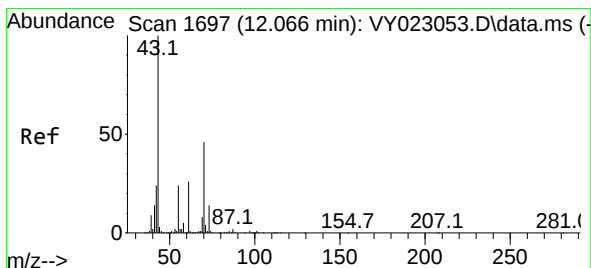
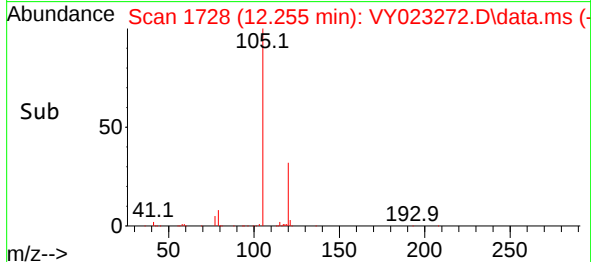
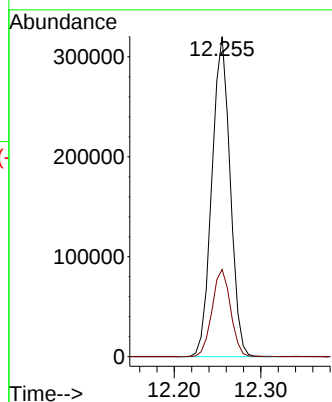
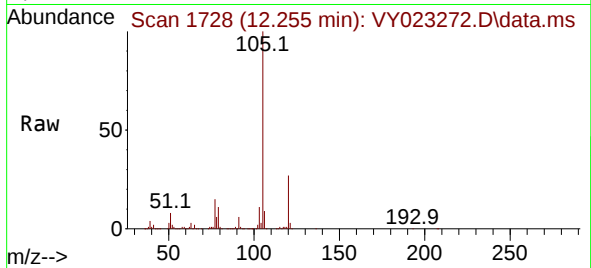




#73
Isopropylbenzene
Concen: 20.207 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

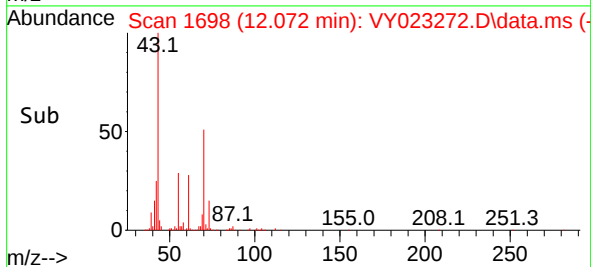
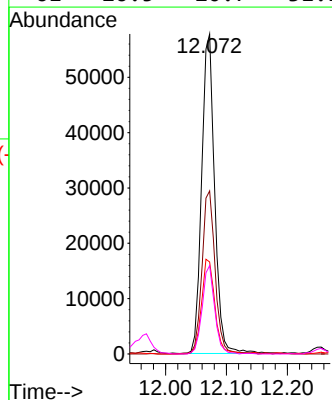
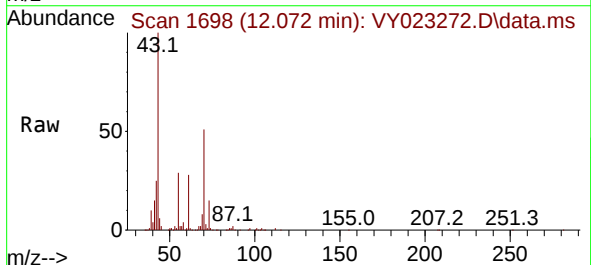
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBS01

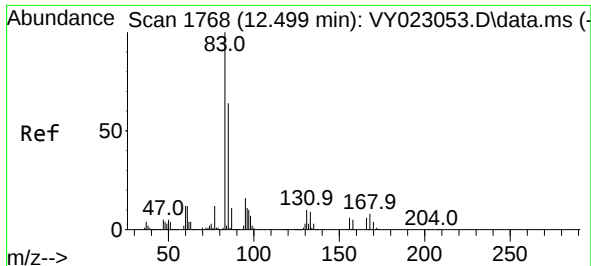
Tgt Ion:105 Resp: 469463
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 17.396 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 43 Resp: 85709
Ion Ratio Lower Upper
43 100
70 51.7 37.5 56.3
55 30.5 20.7 31.1
61 26.5 20.7 31.1

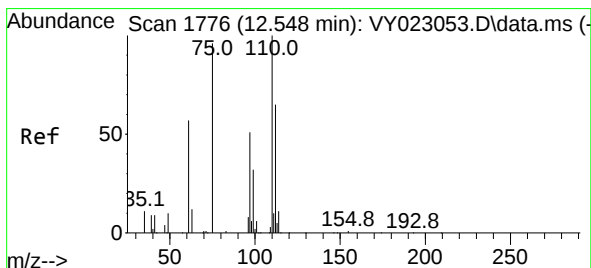
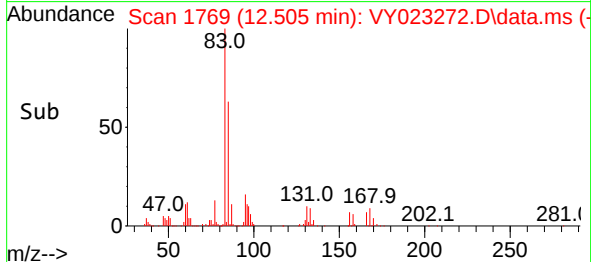
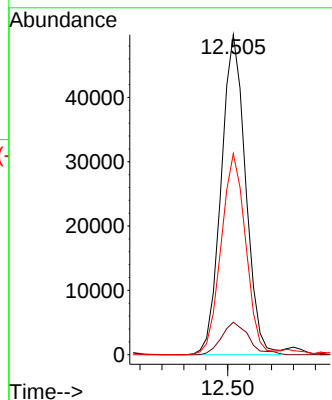
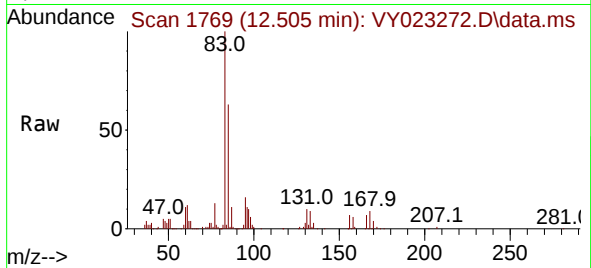




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.417 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023272.D
 Acq: 03 Sep 2025 11:24

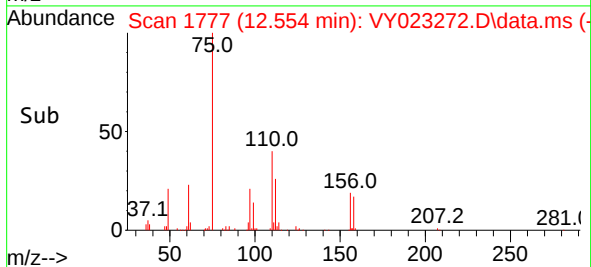
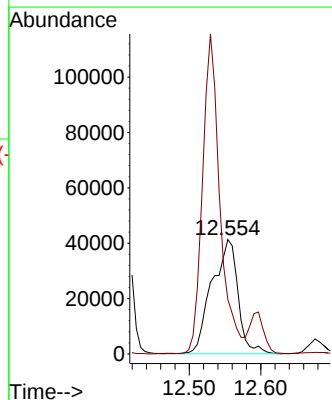
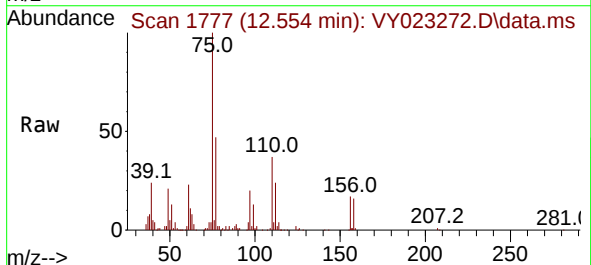
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

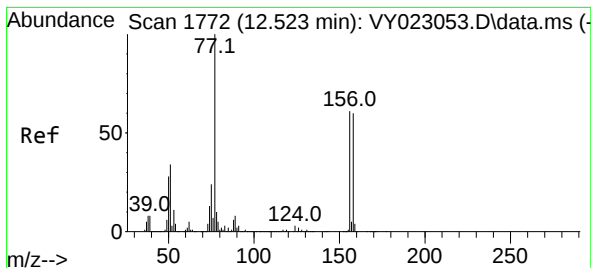
Tgt Ion: 83 Resp: 77026
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.1 15.3
 85 63.1 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.984 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023272.D
 Acq: 03 Sep 2025 11:24

Tgt Ion: 75 Resp: 104785
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.039 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBSD01

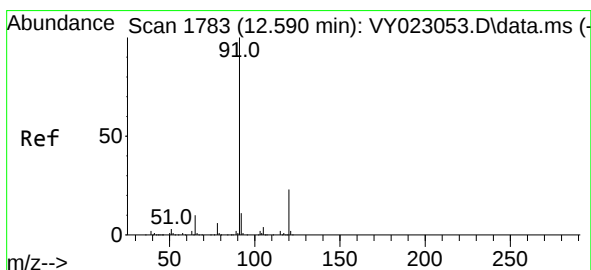
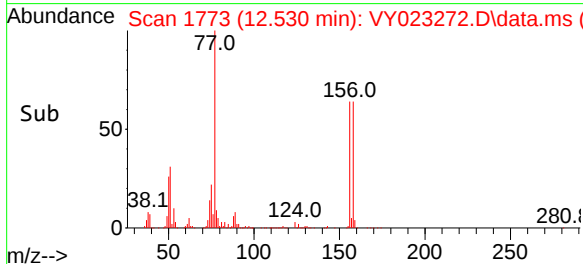
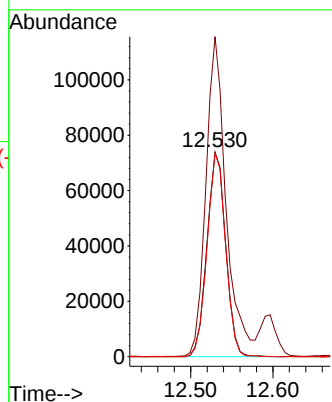
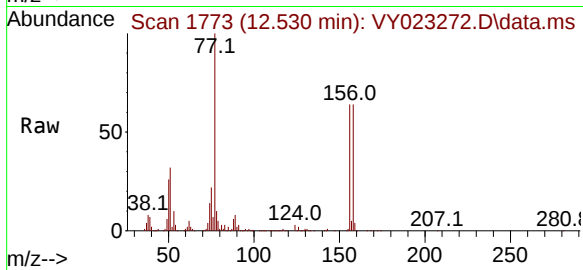
Tgt Ion:156 Resp: 116609

Ion Ratio Lower Upper

156 100

77 169.6 88.1 264.4

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 20.381 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023272.D

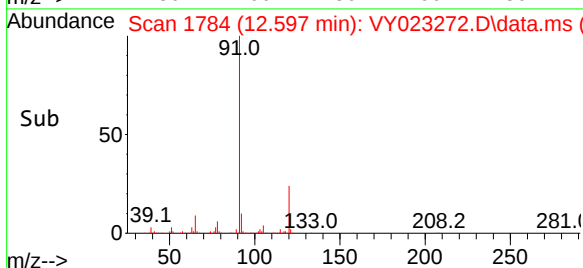
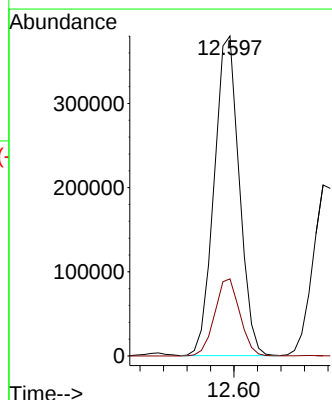
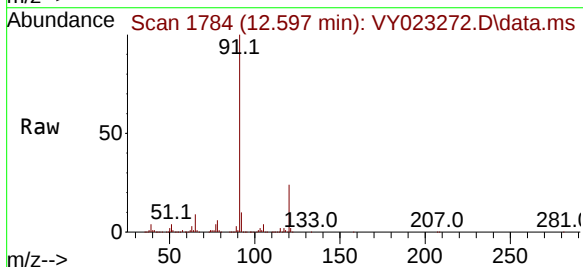
Acq: 03 Sep 2025 11:24

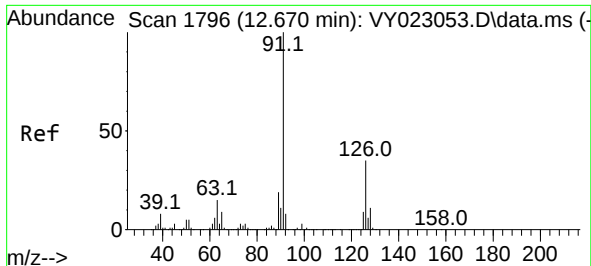
Tgt Ion: 91 Resp: 563737

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5

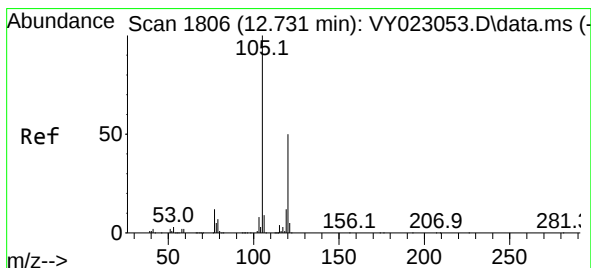
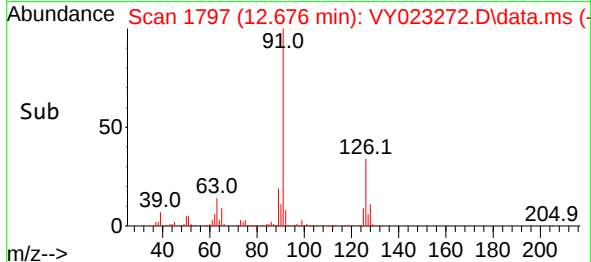
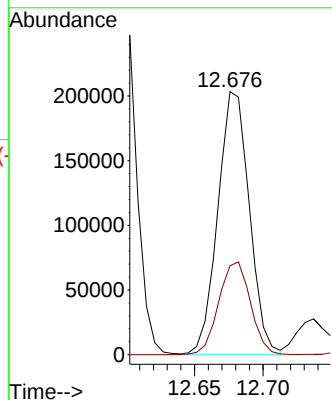
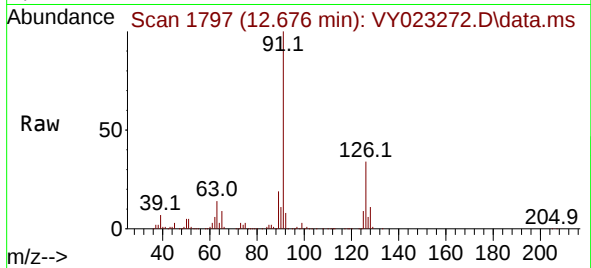




#79
2-Chlorotoluene
Concen: 20.455 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

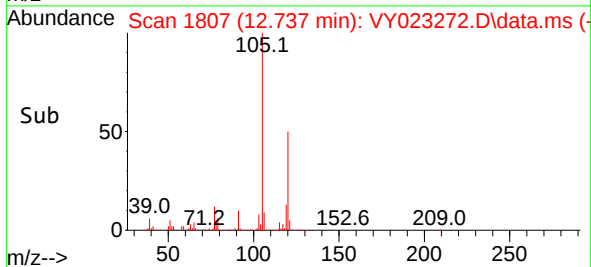
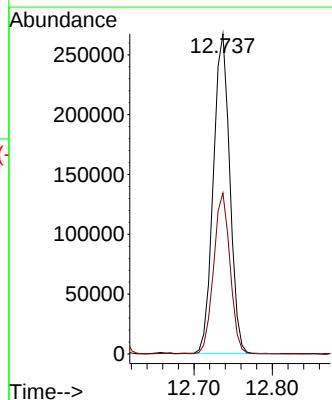
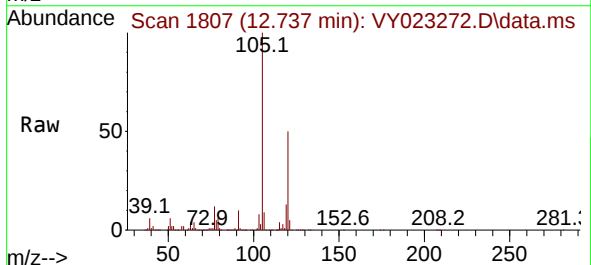
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

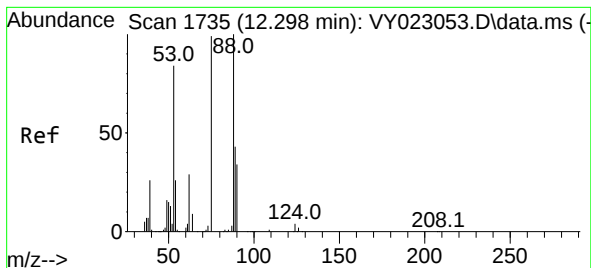
Tgt Ion: 91 Resp: 324167
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.766 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 105 Resp: 389903
Ion Ratio Lower Upper
105 100
120 50.5 24.8 74.4

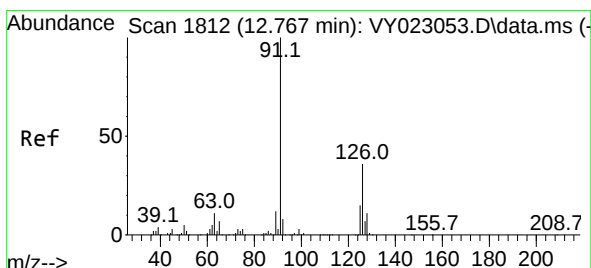
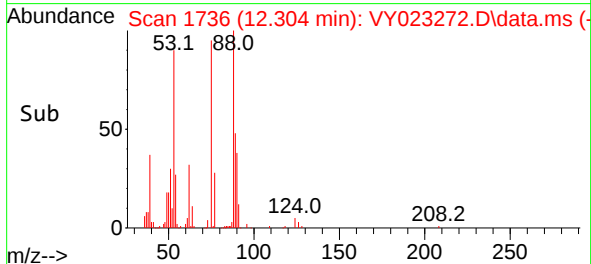
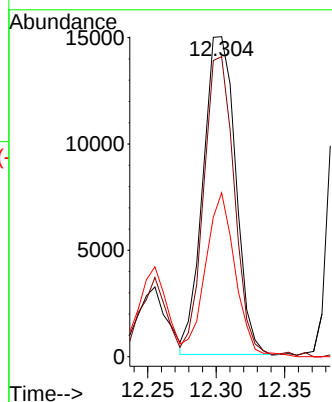
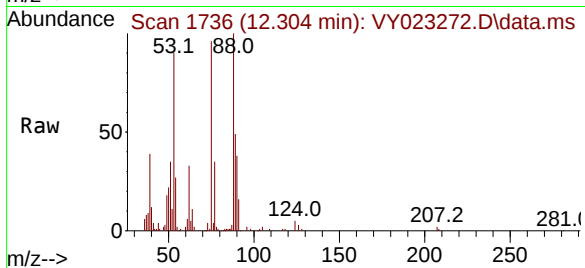




#81
trans-1,4-Dichloro-2-butene
Concen: 18.809 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

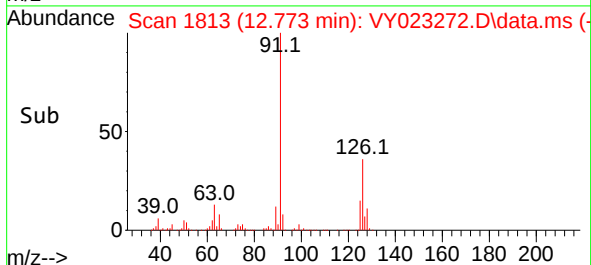
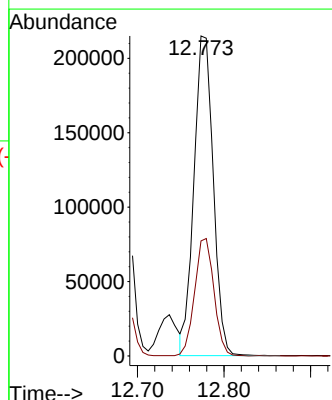
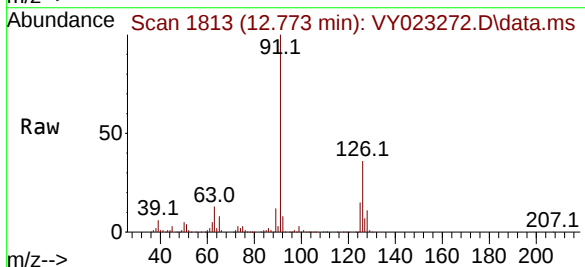
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

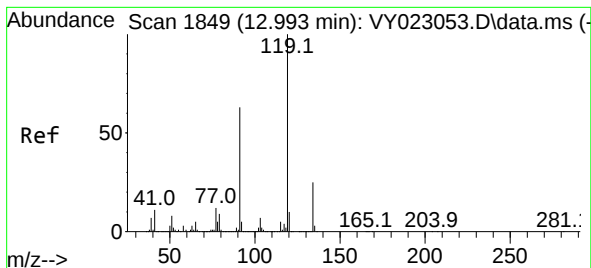
Tgt Ion: 75 Resp: 24684
Ion Ratio Lower Upper
75 100
53 87.5 70.8 106.2
89 47.5 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.281 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion: 91 Resp: 333434
Ion Ratio Lower Upper
91 100
126 36.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.409 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBSD01

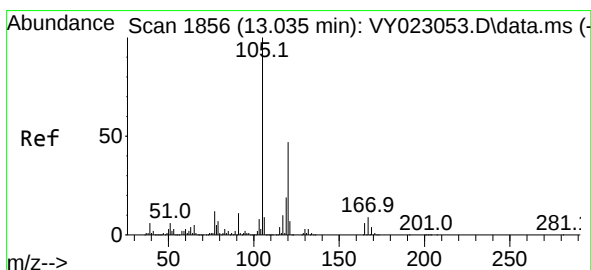
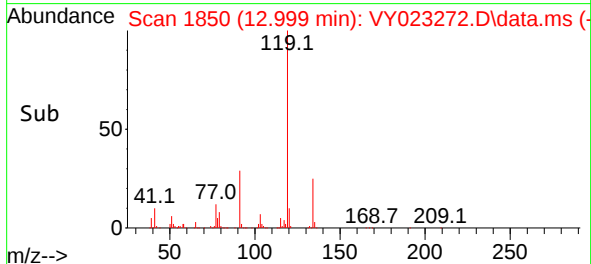
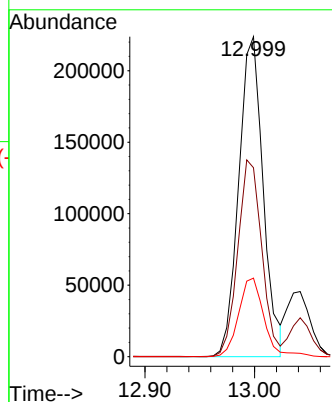
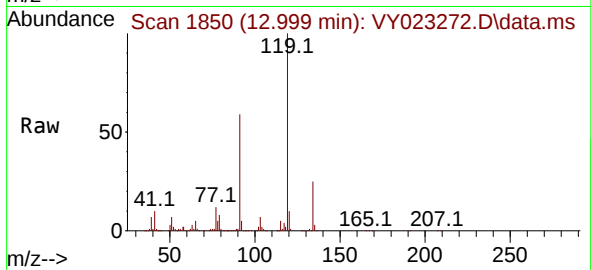
Tgt Ion:119 Resp: 346103

Ion Ratio Lower Upper

119 100

91 60.5 31.6 94.8

134 25.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.541 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023272.D

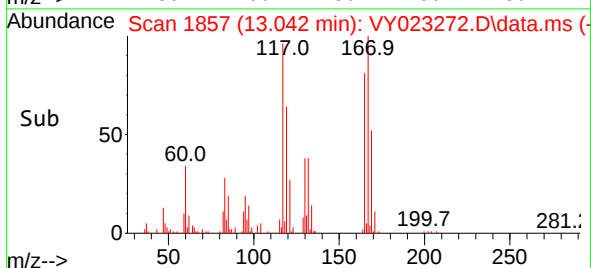
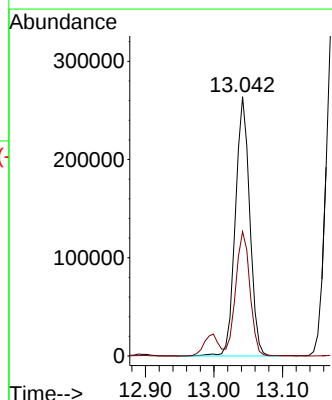
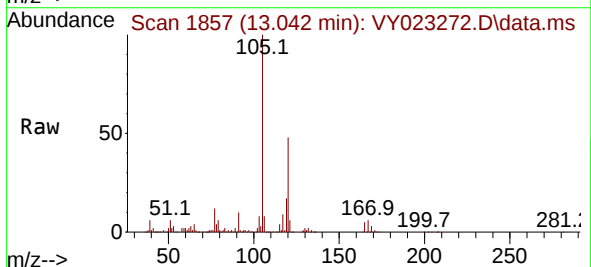
Acq: 03 Sep 2025 11:24

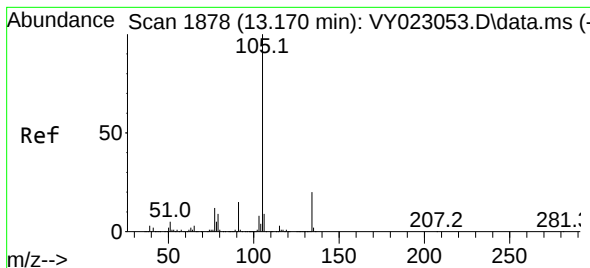
Tgt Ion:105 Resp: 383932

Ion Ratio Lower Upper

105 100

120 47.3 23.0 69.0

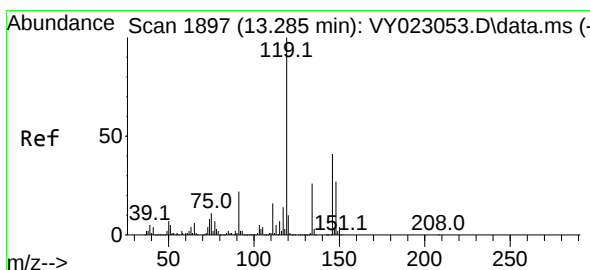
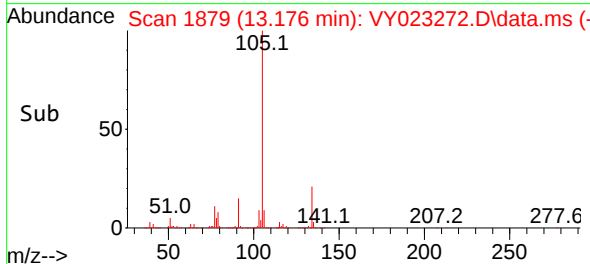
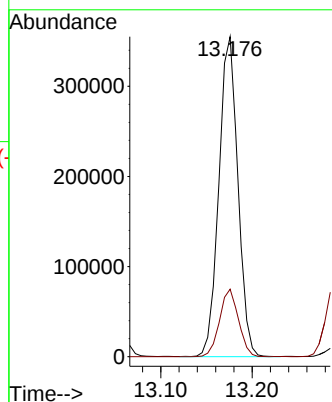
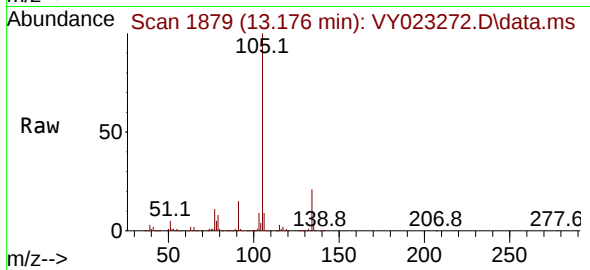




#85
sec-Butylbenzene
Concen: 20.632 ug/l
RT: 13.176 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

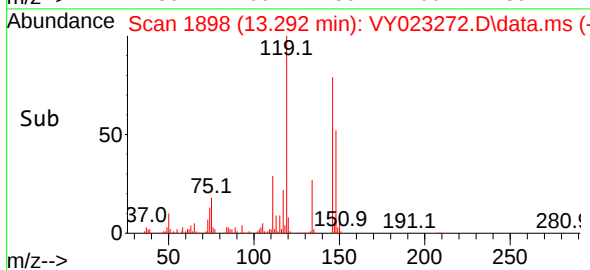
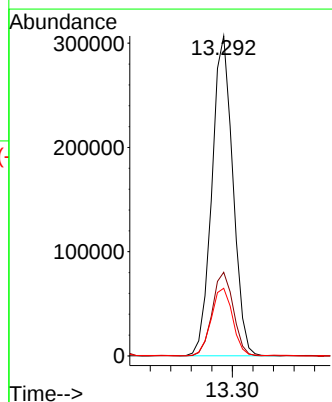
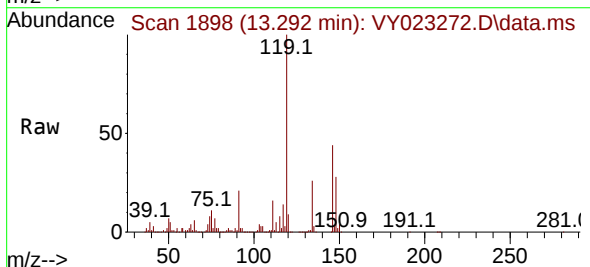
Instrument :
MSVOA_Y
ClientSampleId :
VY0903SBSD01

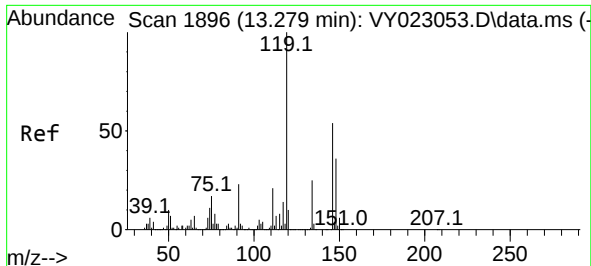
Tgt Ion:105 Resp: 513960
Ion Ratio Lower Upper
105 100
134 20.9 10.2 30.4



#86
p-Isopropyltoluene
Concen: 20.902 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023272.D
Acq: 03 Sep 2025 11:24

Tgt Ion:119 Resp: 432196
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.6
91 21.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 21.335 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

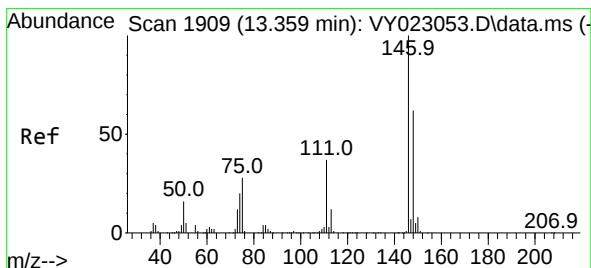
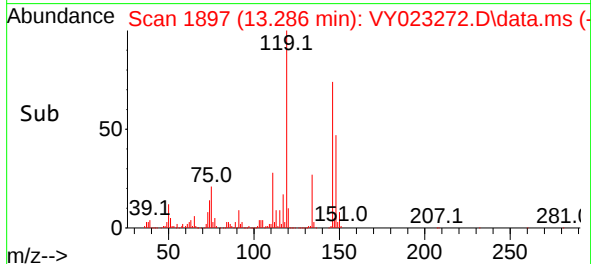
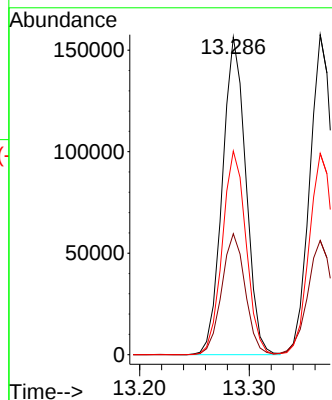
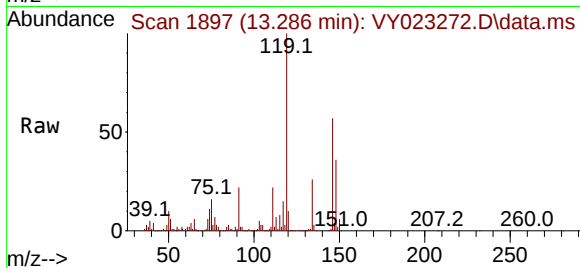
Tgt Ion:146 Resp: 233189

Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.7

148 64.6 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 21.613 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

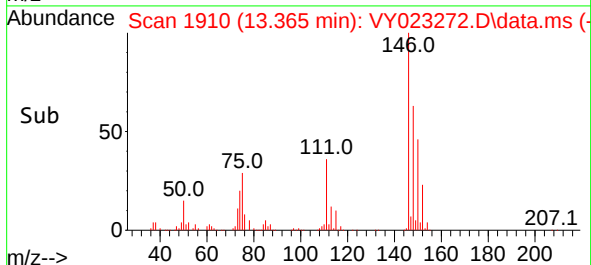
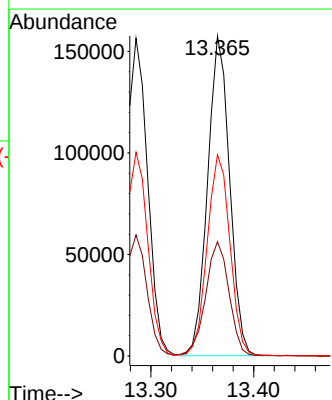
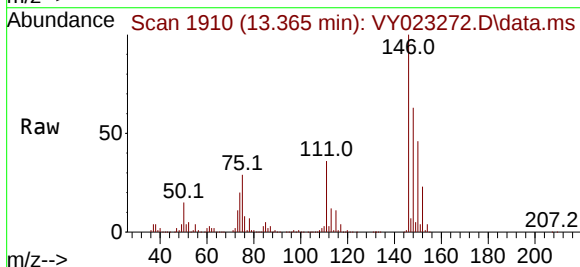
Tgt Ion:146 Resp: 234340

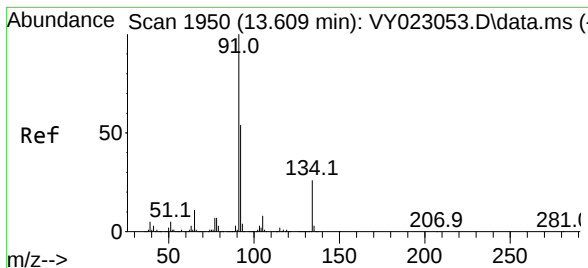
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 65.3 31.6 94.7





#89

n-Butylbenzene

Concen: 19.834 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

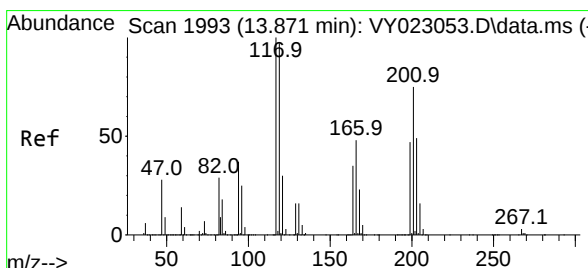
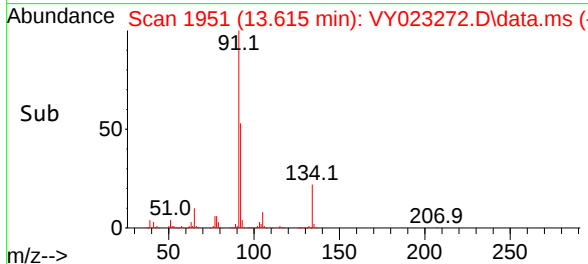
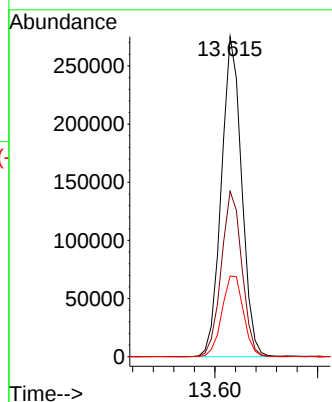
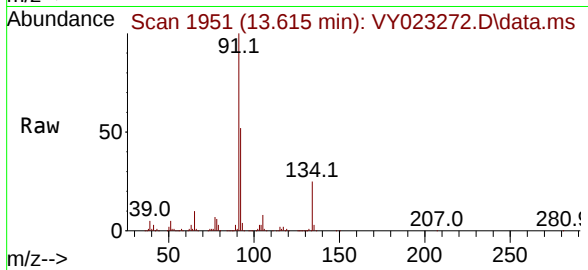
Tgt Ion: 91 Resp: 376678

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.7

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 21.374 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023272.D

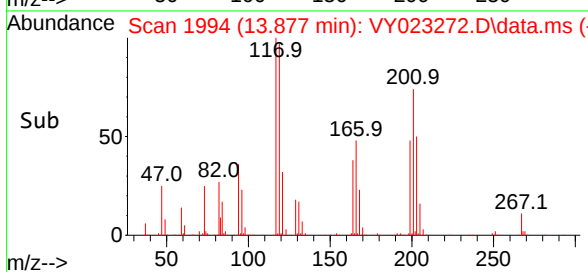
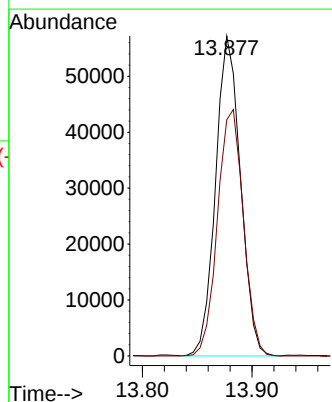
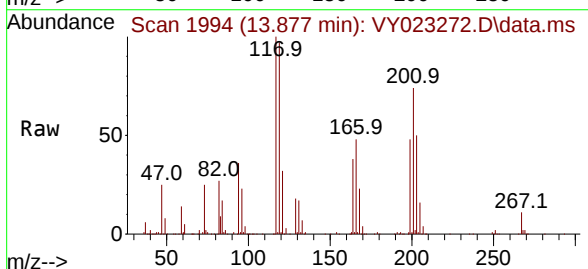
Acq: 03 Sep 2025 11:24

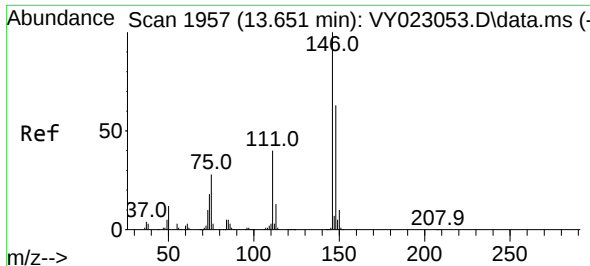
Tgt Ion: 117 Resp: 90477

Ion Ratio Lower Upper

117 100

201 79.9 38.4 115.1

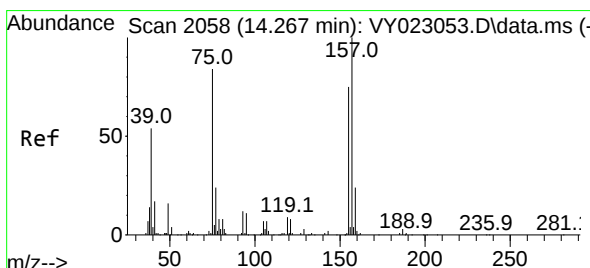
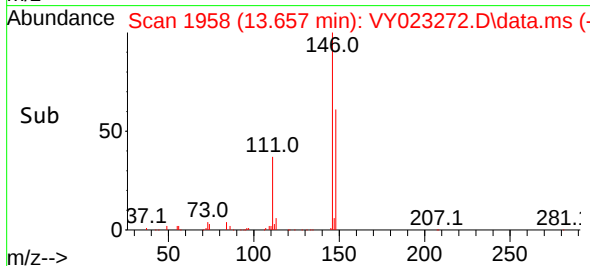
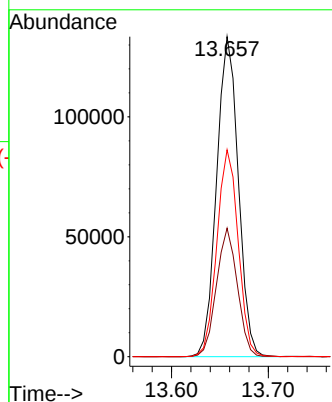
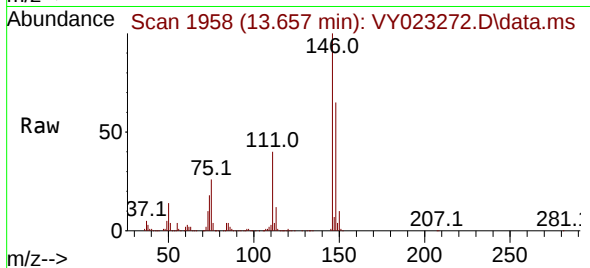




#91
 1,2-Dichlorobenzene
 Concen: 21.655 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023272.D
 Acq: 03 Sep 2025 11:24

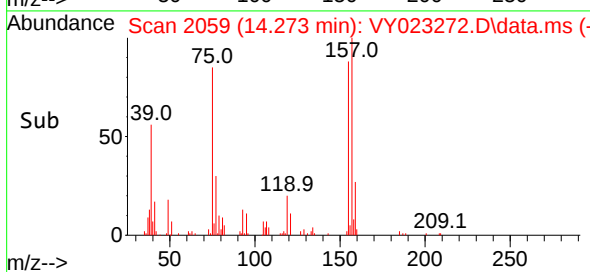
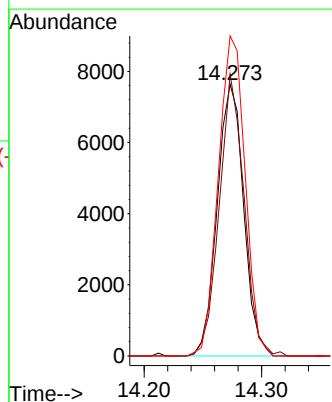
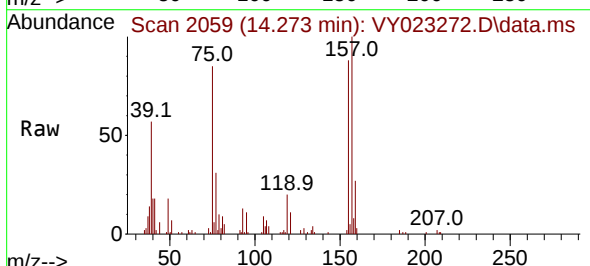
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

Tgt Ion:	146	Resp:	207580
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	63.6	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.322 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023272.D
 Acq: 03 Sep 2025 11:24

Tgt Ion:	75	Resp:	11934
Ion	Ratio	Lower	Upper
75	100		
155	97.5	43.9	131.6
157	119.4	57.2	171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.922 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBS01

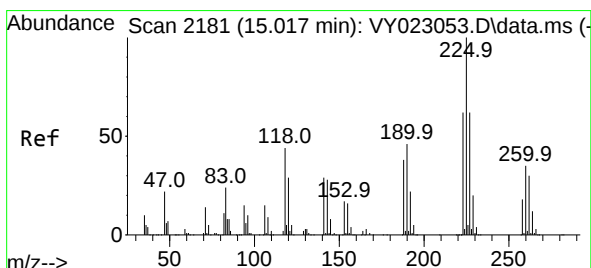
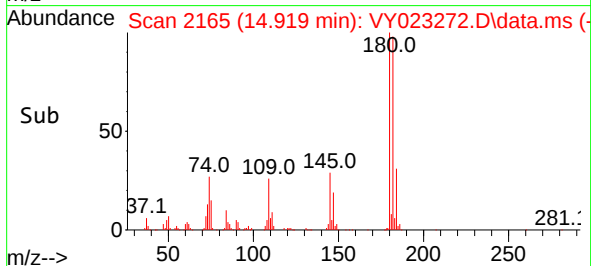
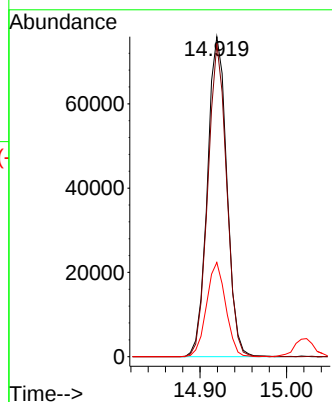
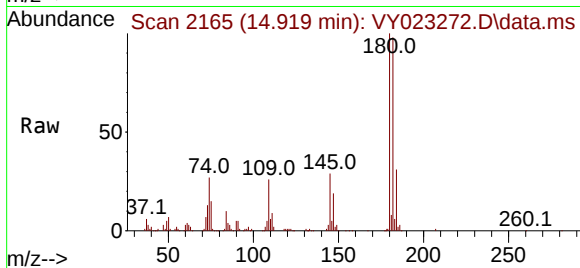
Tgt Ion:180 Resp: 118598

Ion Ratio Lower Upper

180 100

182 94.1 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 22.260 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

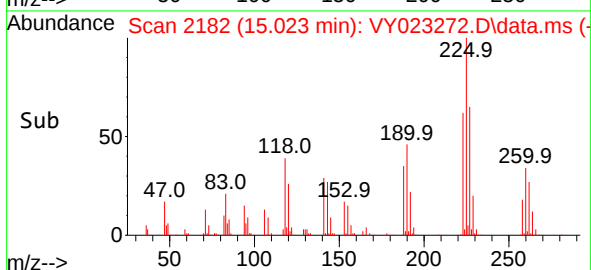
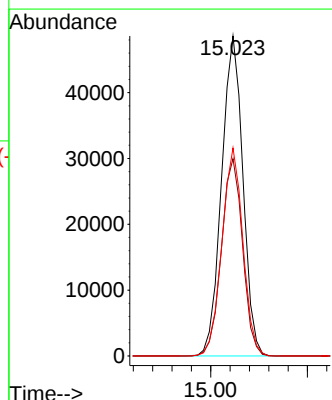
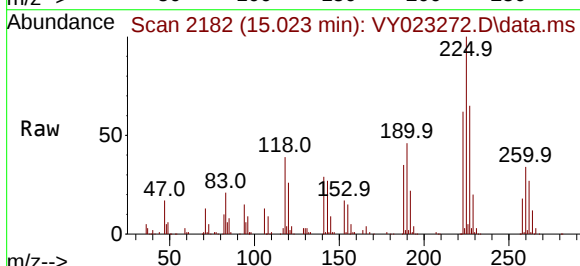
Tgt Ion:225 Resp: 74150

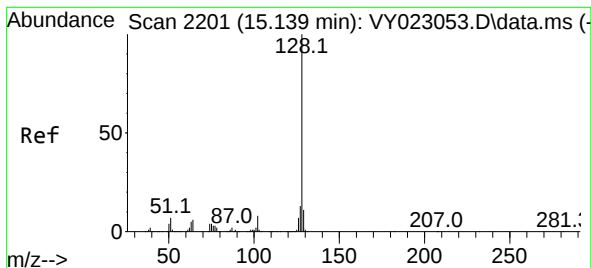
Ion Ratio Lower Upper

225 100

223 61.2 31.3 93.8

227 63.9 31.5 94.5





#95

Naphthalene

Concen: 19.397 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0903SBSD01

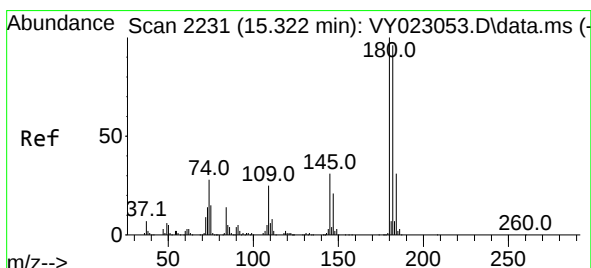
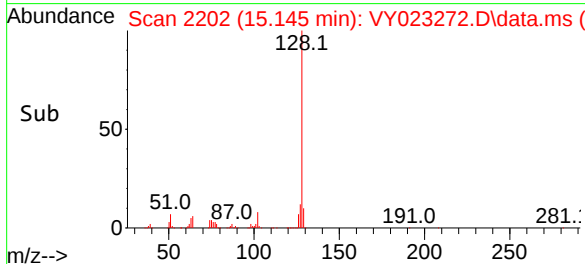
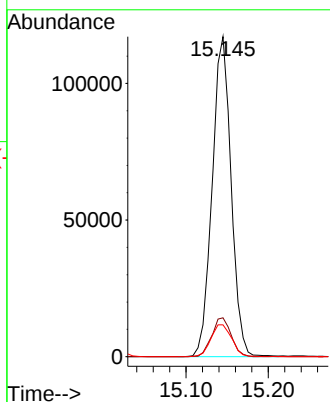
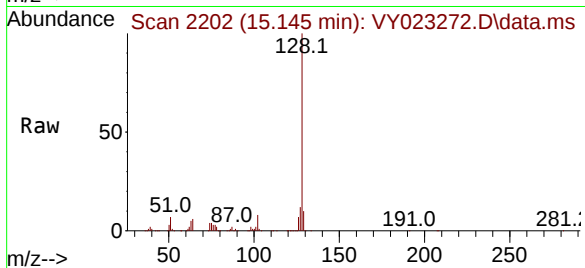
Tgt Ion:128 Resp: 187493

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.910 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023272.D

Acq: 03 Sep 2025 11:24

Tgt Ion:180 Resp: 102138

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 32.1 15.9 47.7

