

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023236.D
 Acq On : 29 Aug 2025 10:28
 Operator : SY/MD
 Sample : VY0829SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

Quant Time: Aug 30 01:18:55 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	459710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	723904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	635127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	321824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	202940	46.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.640%
35) Dibromofluoromethane	7.634	113	215171	49.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.340%
50) Toluene-d8	10.109	98	825047	48.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.402	95	261639	48.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79401	21.160	ug/l	97
3) Chloromethane	2.074	50	121590	20.006	ug/l	100
4) Vinyl Chloride	2.208	62	155546	20.704	ug/l	100
5) Bromomethane	2.592	94	127126	22.657	ug/l	99
6) Chloroethane	2.733	64	104691	20.960	ug/l	98
7) Trichlorofluoromethane	3.056	101	190370	20.839	ug/l	100
8) Diethyl Ether	3.458	74	49598	20.521	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	97712	21.681	ug/l	97
10) Methyl Iodide	4.007	142	103954	21.375	ug/l	99
11) Tert butyl alcohol	4.860	59	27034	90.052	ug/l	99
12) 1,1-Dichloroethene	3.793	96	92531	20.888	ug/l	93
13) Acrolein	3.653	56	20421	46.448	ug/l	93
14) Allyl chloride	4.385	41	121320	18.612	ug/l	97
15) Acrylonitrile	5.067	53	95732	97.428	ug/l	99
16) Acetone	3.873	43	97957	103.200	ug/l	97
17) Carbon Disulfide	4.104	76	287716	19.919	ug/l	99
18) Methyl Acetate	4.385	43	52877	18.720	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	223332	19.455	ug/l	98
20) Methylene Chloride	4.616	84	109615	20.627	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	106163	21.325	ug/l	88
22) Diisopropyl ether	6.025	45	277358	19.581	ug/l	95
23) Vinyl Acetate	5.964	43	730814	93.308	ug/l	98
24) 1,1-Dichloroethane	5.921	63	180025	20.788	ug/l	100
25) 2-Butanone	6.896	43	126959	98.346	ug/l	95
26) 2,2-Dichloropropane	6.884	77	153591	20.554	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	119783	20.813	ug/l	97
28) Bromochloromethane	7.250	49	68325	19.886	ug/l	90
29) Tetrahydrofuran	7.262	42	73183	91.456	ug/l	98
30) Chloroform	7.421	83	191958	21.493	ug/l	94
31) Cyclohexane	7.701	56	153270	18.781	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	169441	21.381	ug/l	99
36) 1,1-Dichloropropene	7.841	75	132436	20.573	ug/l	99
37) Ethyl Acetate	6.994	43	50876	18.814	ug/l	96
38) Carbon Tetrachloride	7.817	117	151056	21.605	ug/l	99
39) Methylcyclohexane	9.109	83	167043	19.705	ug/l	98
40) Benzene	8.085	78	423120	21.326	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	71209	45.628	ug/l #	33
42) 1,2-Dichloroethane	8.158	62	106050	20.551	ug/l	99
43) Isopropyl Acetate	8.201	43	100118	18.318	ug/l	98
44) Trichloroethene	8.866	130	118055	23.025	ug/l	98
45) 1,2-Dichloropropane	9.146	63	95387	20.894	ug/l	98
46) Dibromomethane	9.237	93	56996	21.752	ug/l	98
47) Bromodichloromethane	9.426	83	145599	21.595	ug/l	97
48) Methyl methacrylate	9.225	41	47032	17.983	ug/l	93
49) 1,4-Dioxane	9.225	88	11060	359.984	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	262060	92.953	ug/l	98
52) Toluene	10.170	92	274285	21.766	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	122450	20.056	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	148001	20.500	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	75592	21.560	ug/l	98
56) Ethyl methacrylate	10.438	69	84882	18.919	ug/l	96
57) 1,3-Dichloropropane	10.719	76	125571	21.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	192524	90.972	ug/l	96
59) 2-Hexanone	10.762	43	180855	94.208	ug/l	100
60) Dibromochloromethane	10.914	129	101316	21.899	ug/l	98
61) 1,2-Dibromoethane	11.018	107	69464	21.079	ug/l	99
64) Tetrachloroethene	10.646	164	144178	25.423	ug/l	96
65) Chlorobenzene	11.438	112	296062	21.611	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	104364	22.446	ug/l	99
67) Ethyl Benzene	11.518	91	483172	20.494	ug/l	99
68) m/p-Xylenes	11.627	106	389298	42.279	ug/l	97
69) o-Xylene	11.957	106	176470	20.463	ug/l	98
70) Styrene	11.969	104	298122	21.138	ug/l	97
71) Bromoform	12.133	173	59918	22.049	ug/l #	97
73) Isopropylbenzene	12.255	105	464302	20.441	ug/l	100
74) N-amyl acetate	12.066	43	83850	17.407	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	73329	18.907	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	105186	33.866	ug/l #	100
77) Bromobenzene	12.530	156	117050	21.600	ug/l	93
78) n-propylbenzene	12.597	91	556705	20.586	ug/l	99
79) 2-Chlorotoluene	12.676	91	321870	20.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	380323	20.718	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24912	19.416	ug/l	99
82) 4-Chlorotoluene	12.773	91	331313	20.613	ug/l	98
83) tert-Butylbenzene	12.993	119	339367	20.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	376583	20.608	ug/l	99
85) sec-Butylbenzene	13.176	105	507774	20.849	ug/l	100
86) p-Isopropyltoluene	13.292	119	418889	20.720	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	229854	21.510	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	228421	21.548	ug/l	99
89) n-Butylbenzene	13.615	91	368515	19.847	ug/l	99
90) Hexachloroethane	13.877	117	89030	21.513	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	203663	21.732	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12373	20.490	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	114291	20.622	ug/l	98
94) Hexachlorobutadiene	15.023	225	71318	21.899	ug/l	98
95) Naphthalene	15.145	128	180414	19.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	100318	21.006	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

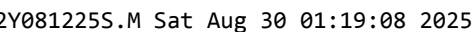
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBSD01

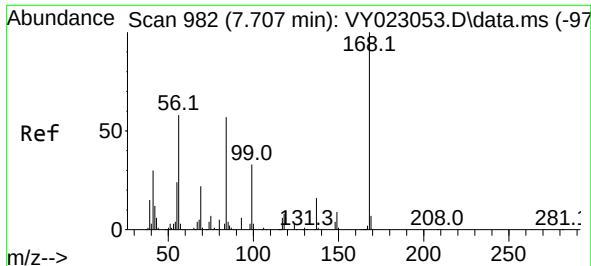
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

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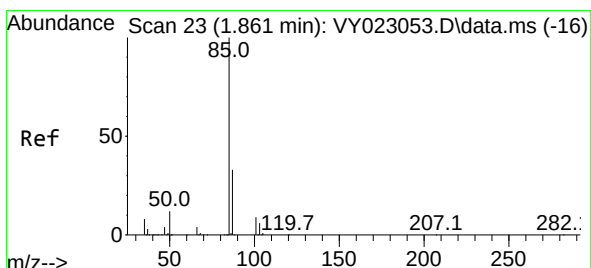
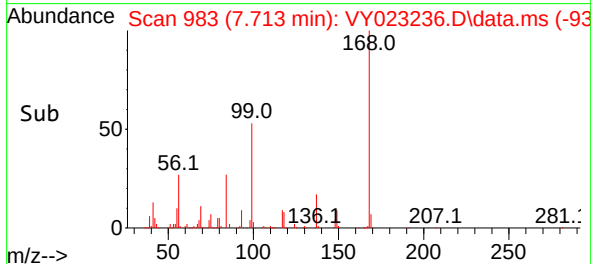
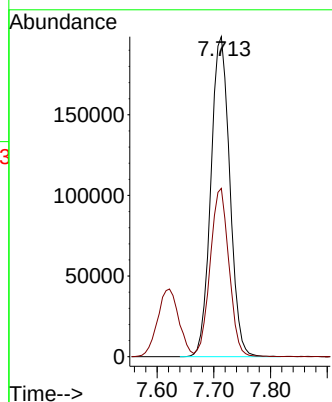
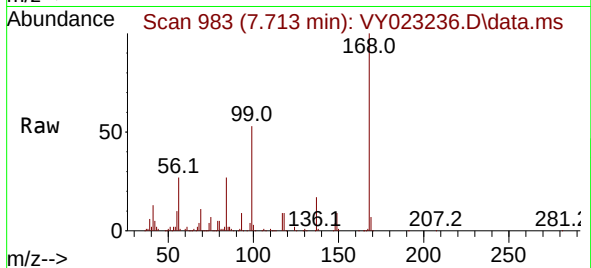




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023236.D
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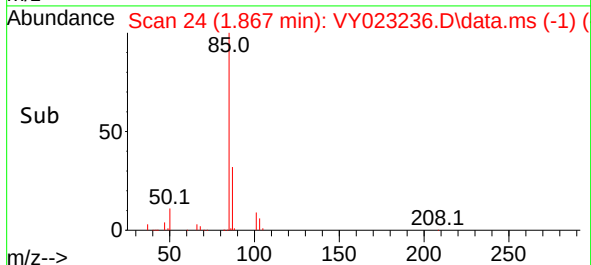
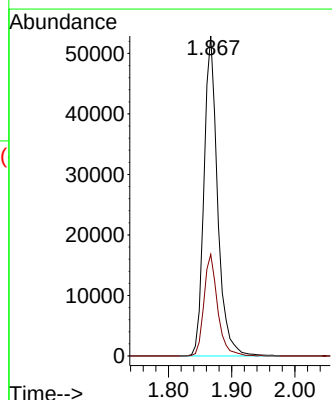
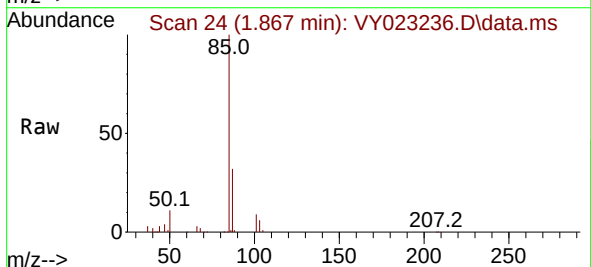
Instrument :
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ClientSampleId :
VY0829SBS01

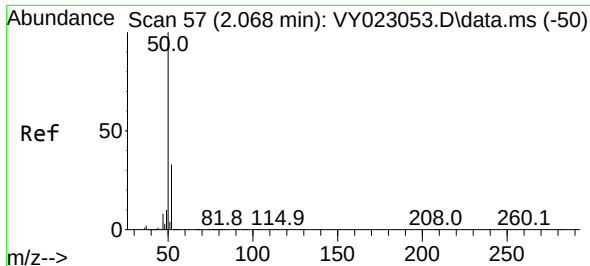
Tgt Ion:168 Resp: 459710
Ion Ratio Lower Upper
168 100
99 52.6 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.160 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 85 Resp: 79401
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8

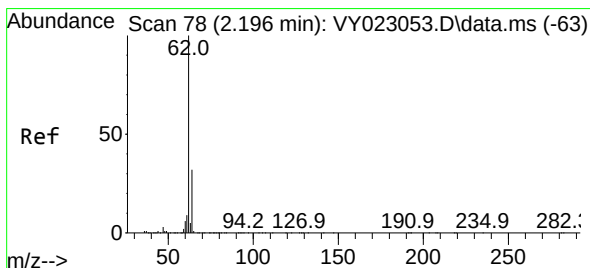
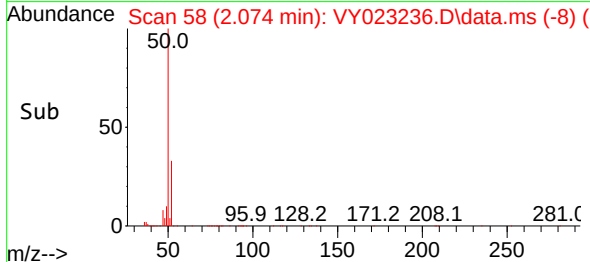
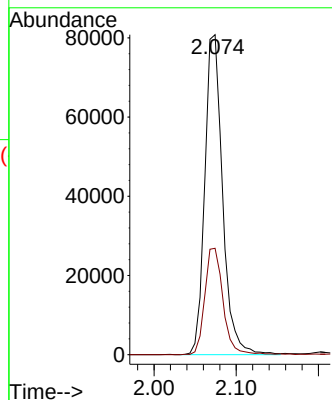
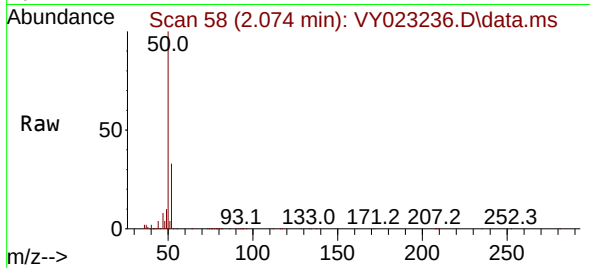




#3
Chloromethane
Concen: 20.006 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

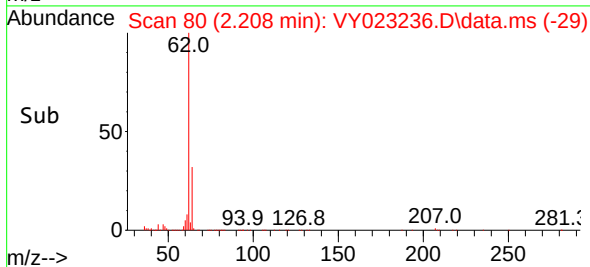
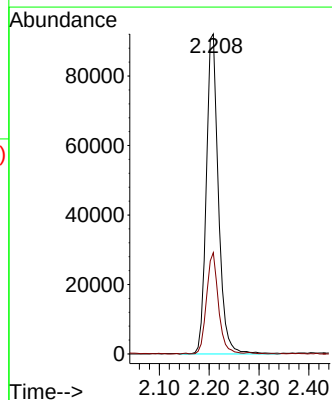
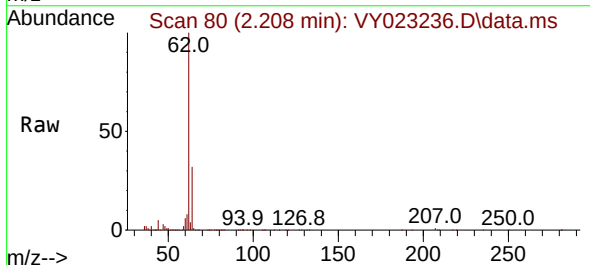
Instrument :
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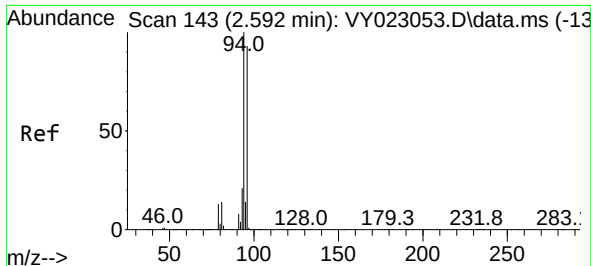
Tgt Ion: 50 Resp: 121590
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 20.704 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 62 Resp: 155546
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

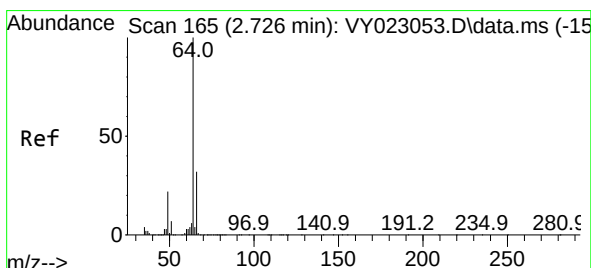
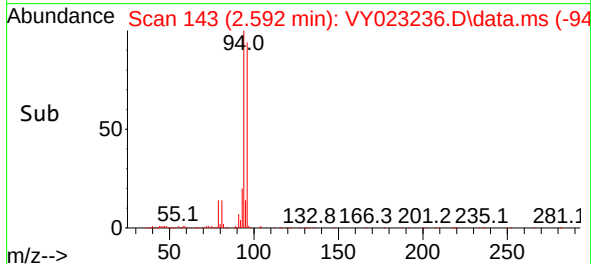
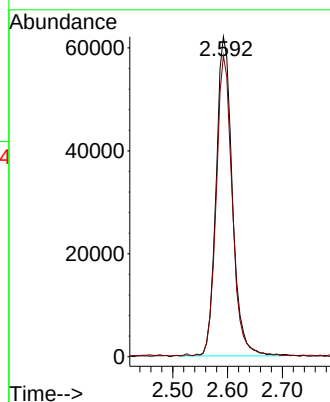
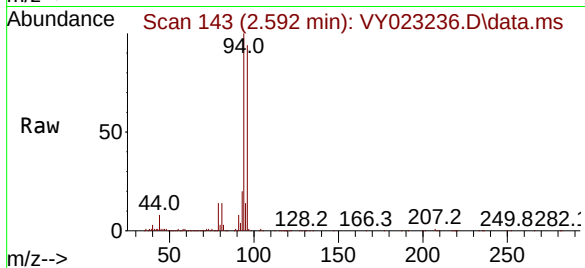




#5
Bromomethane
Concen: 22.657 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

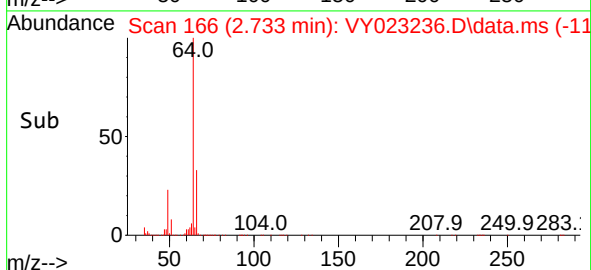
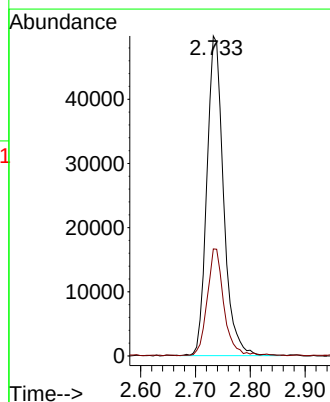
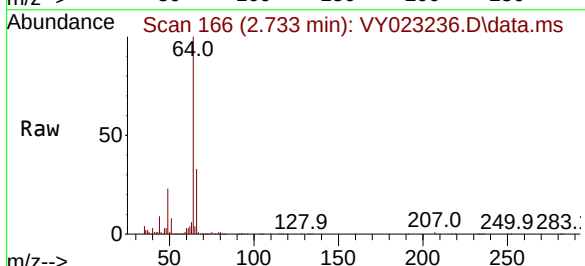
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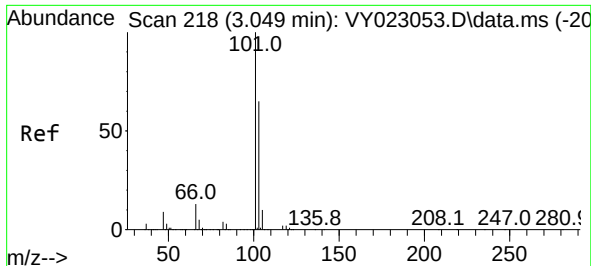
Tgt Ion: 94 Resp: 127126
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0



#6
Chloroethane
Concen: 20.960 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 64 Resp: 104691
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.6

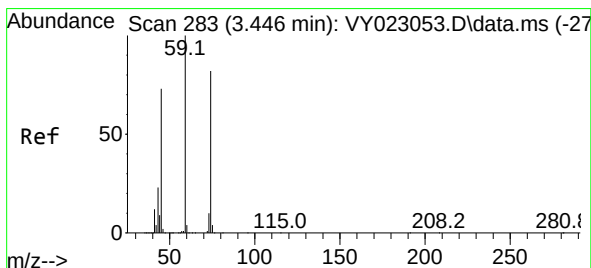
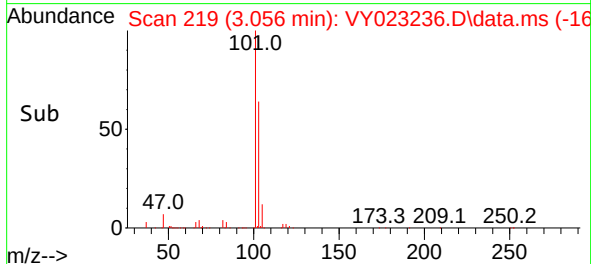
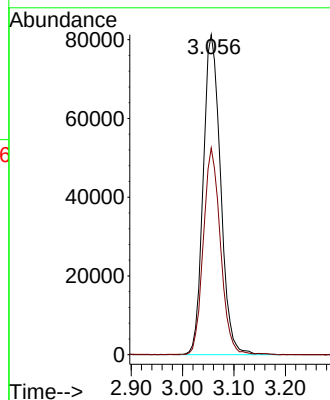
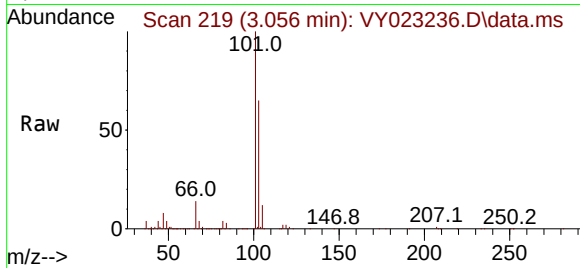




#7
Trichlorofluoromethane
Concen: 20.839 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

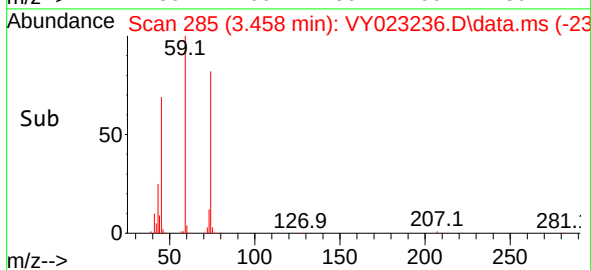
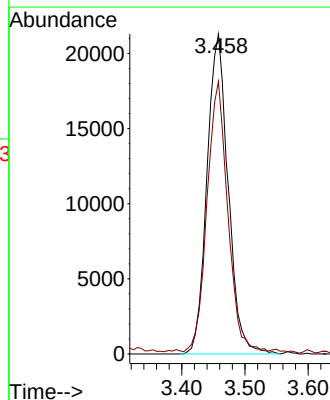
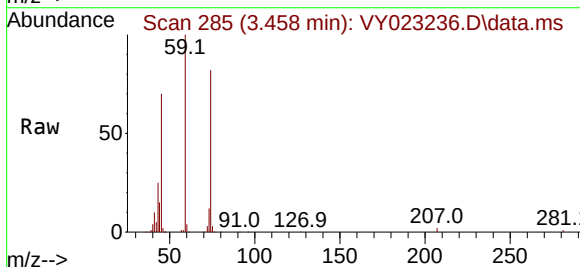
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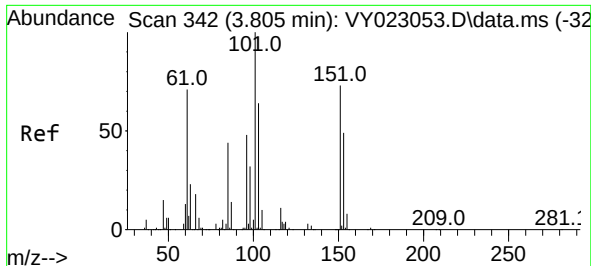
Tgt Ion:101 Resp: 190370
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 20.521 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 74 Resp: 49598
Ion Ratio Lower Upper
74 100
45 82.1 44.4 133.2

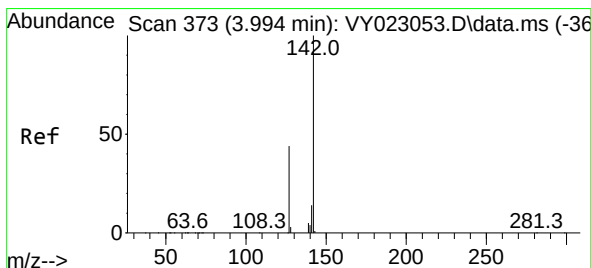
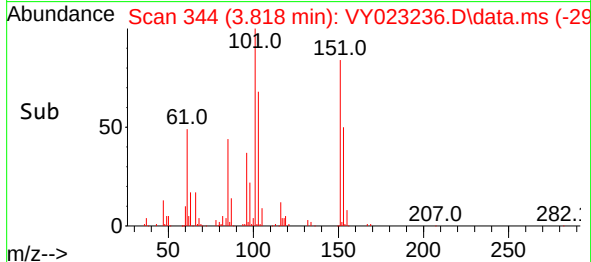
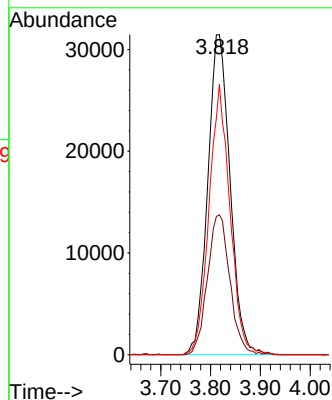
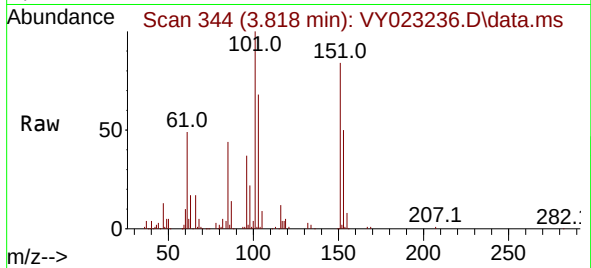




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.681 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

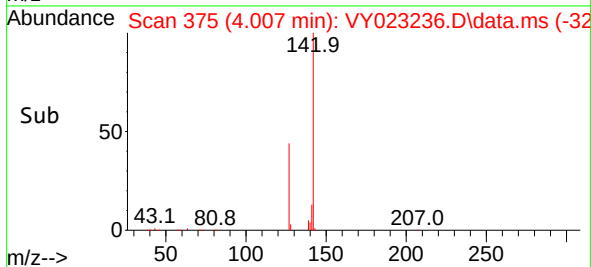
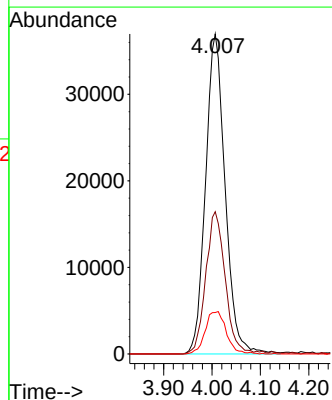
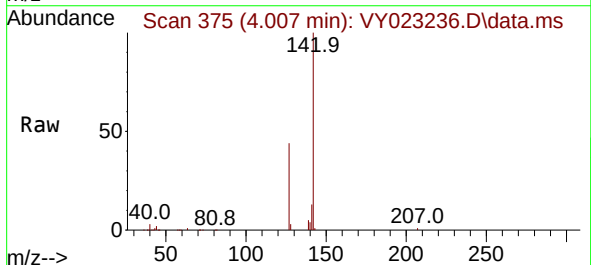
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

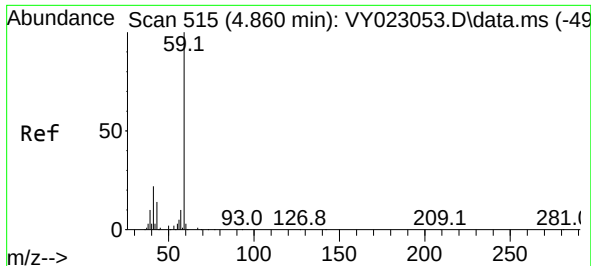
Tgt Ion:101 Resp: 97712
Ion Ratio Lower Upper
101 100
85 44.0 36.3 54.5
151 79.5 61.5 92.3



#10
Methyl Iodide
Concen: 21.375 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion:142 Resp: 103954
Ion Ratio Lower Upper
142 100
127 44.4 34.9 52.3
141 14.3 11.3 16.9

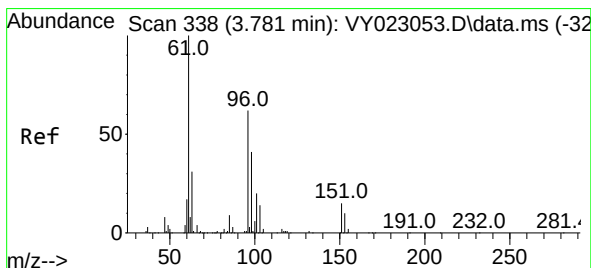
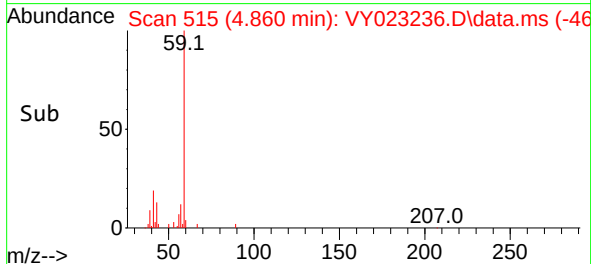
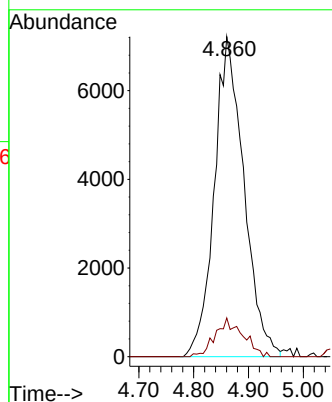
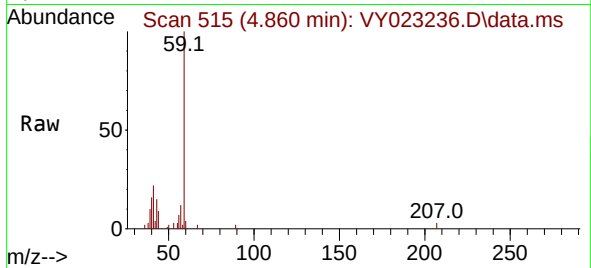




#11
Tert butyl alcohol
Concen: 90.052 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

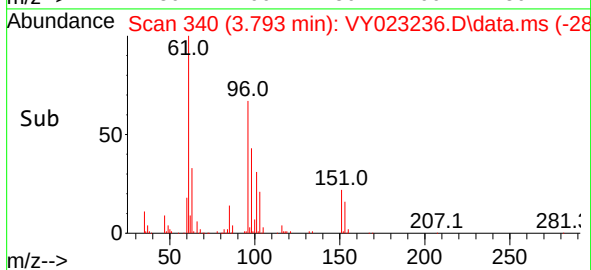
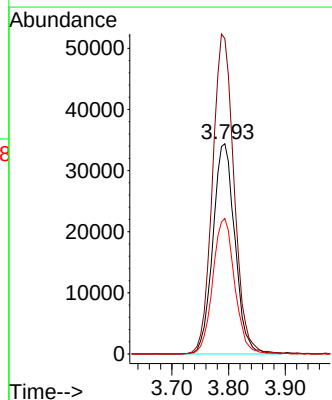
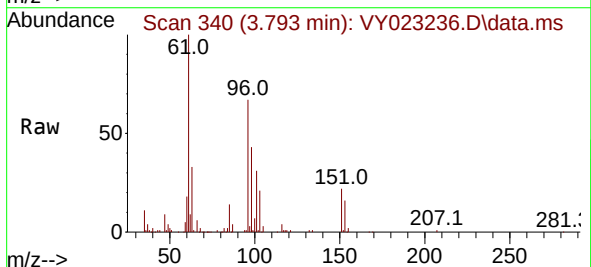
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBSD01

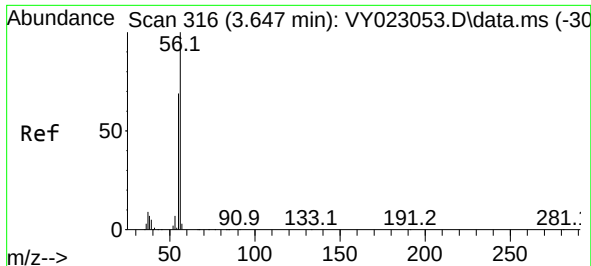
Tgt Ion: 59 Resp: 27034
Ion Ratio Lower Upper
59 100
57 11.2 8.6 13.0



#12
1,1-Dichloroethene
Concen: 20.888 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 96 Resp: 92531
Ion Ratio Lower Upper
96 100
61 150.0 129.4 194.2
98 64.5 52.8 79.2

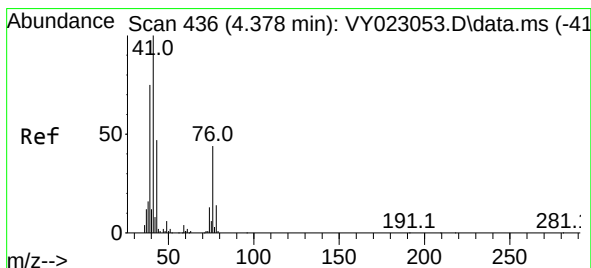
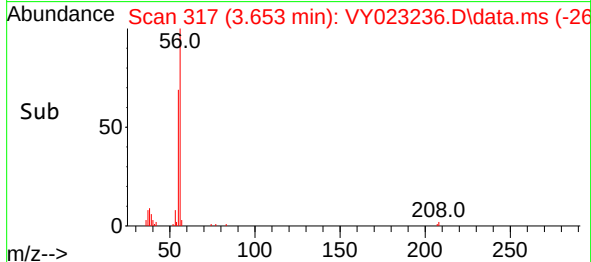
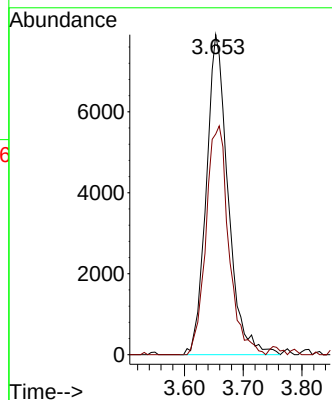
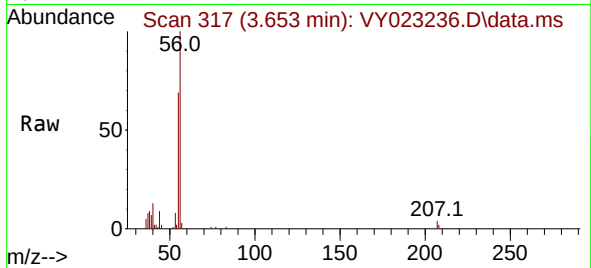




#13
Acrolein
Concen: 46.448 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

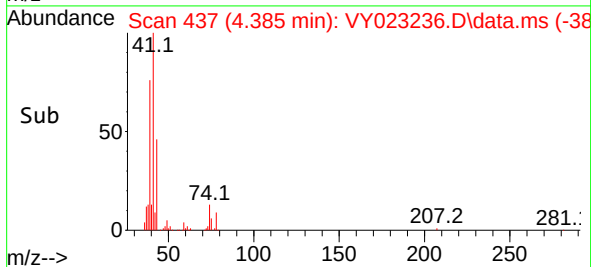
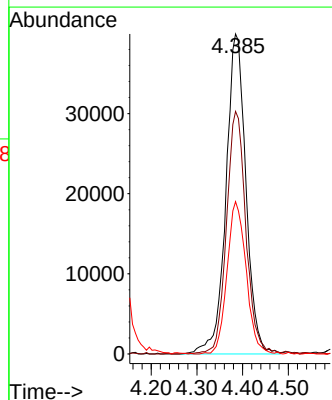
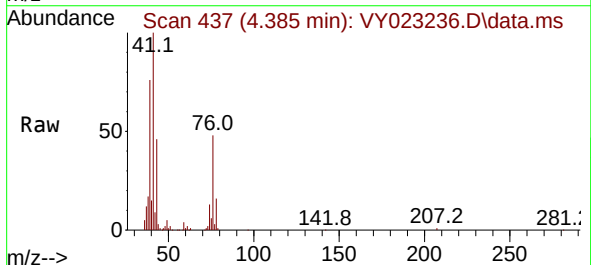
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

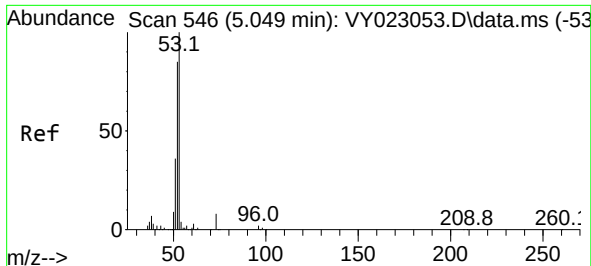
Tgt Ion: 56 Resp: 20421
Ion Ratio Lower Upper
56 100
55 74.4 55.2 82.8



#14
Allyl chloride
Concen: 18.612 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 41 Resp: 121320
Ion Ratio Lower Upper
41 100
39 73.3 59.8 89.6
76 45.5 33.7 50.5

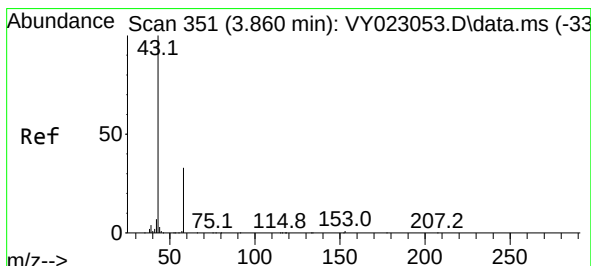
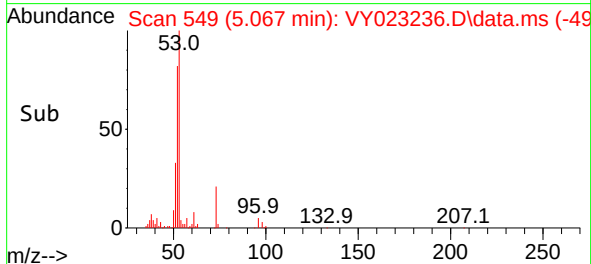
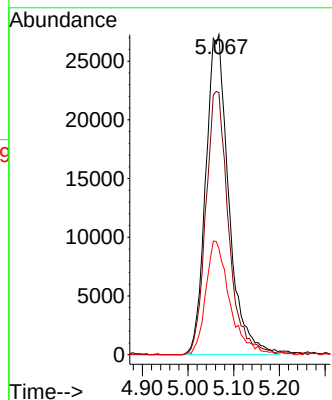
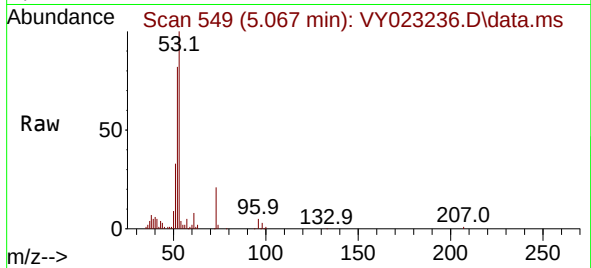




#15
Acrylonitrile
Concen: 97.428 ug/l
RT: 5.067 min Scan# 546
Delta R.T. 0.018 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

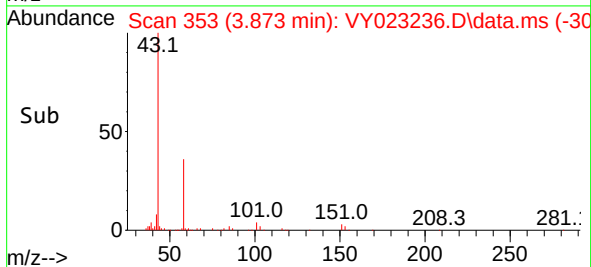
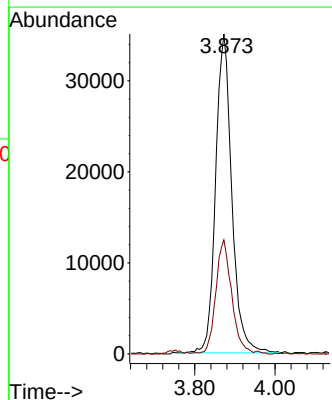
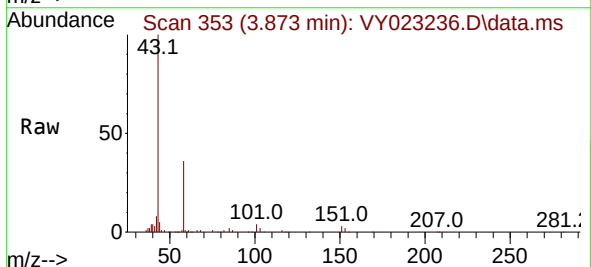
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBSD01

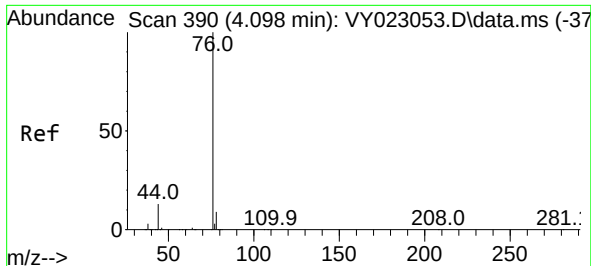
Tgt Ion: 53 Resp: 95732
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.9 29.5 44.3



#16
Acetone
Concen: 103.200 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 43 Resp: 97957
Ion Ratio Lower Upper
43 100
58 35.6 27.1 40.7

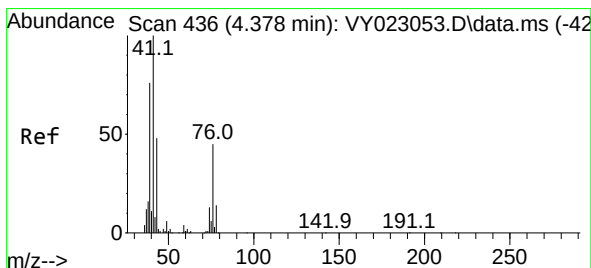
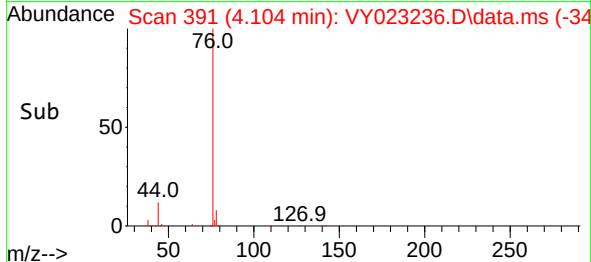
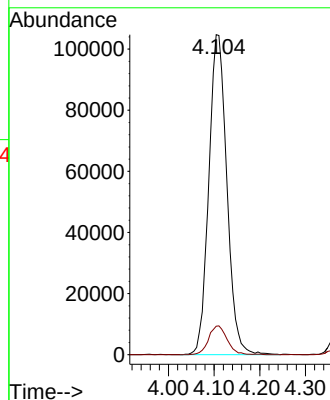
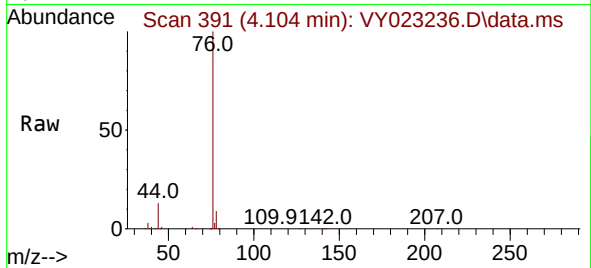




#17
Carbon Disulfide
Concen: 19.919 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

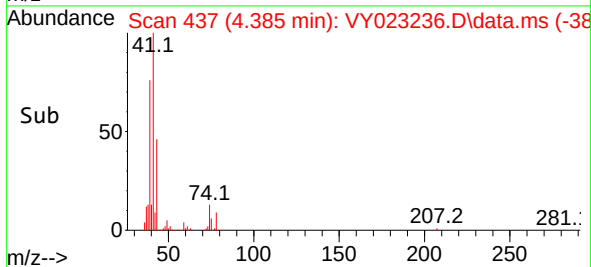
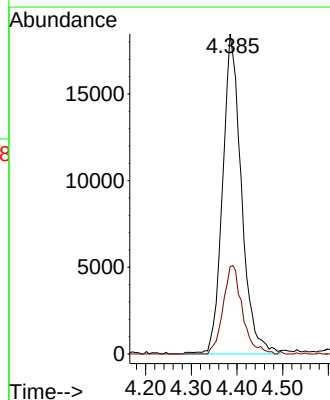
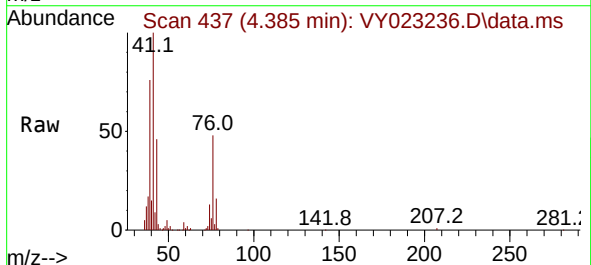
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

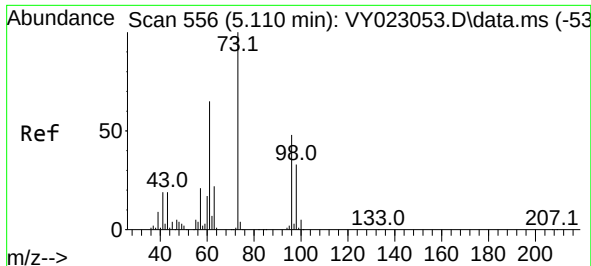
Tgt Ion: 76 Resp: 287716
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 18.720 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 43 Resp: 52877
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.455 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

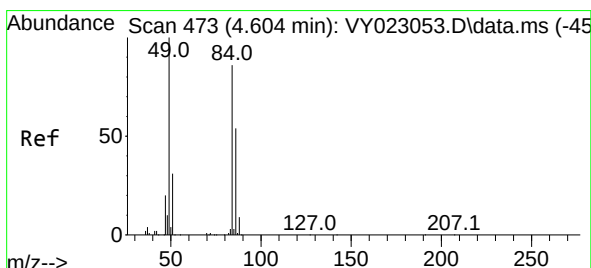
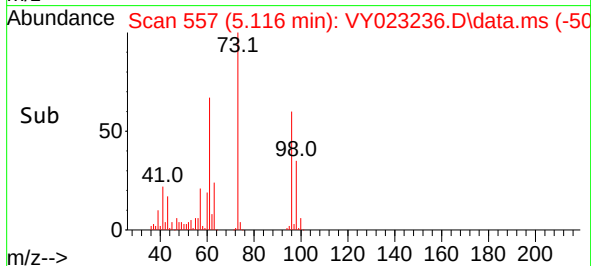
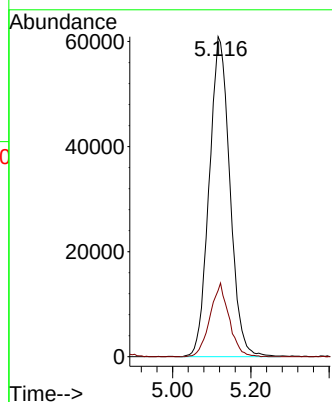
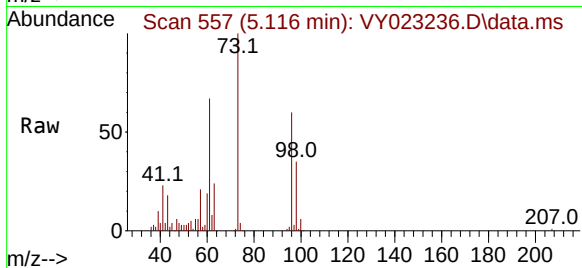
VY0829SBS01

Tgt Ion: 73 Resp: 223332

Ion Ratio Lower Upper

73 100

57 20.7 17.1 25.7



#20

Methylene Chloride

Concen: 20.627 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Tgt Ion: 84 Resp: 109615

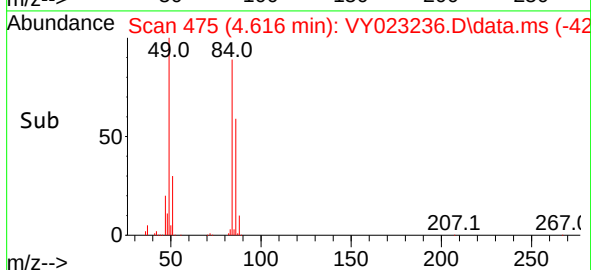
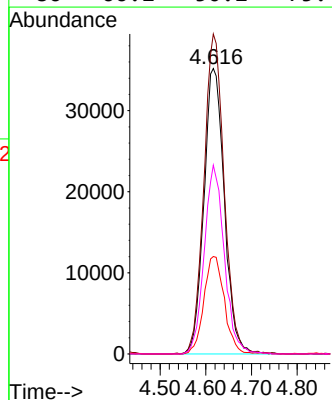
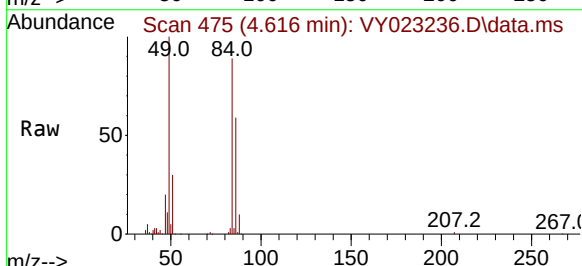
Ion Ratio Lower Upper

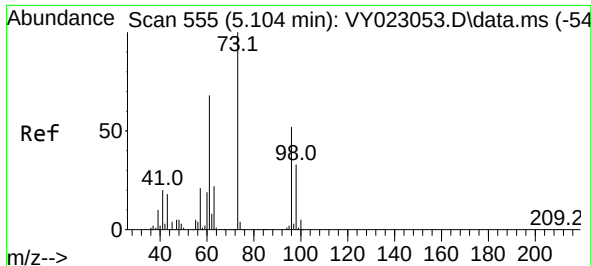
84 100

49 112.1 93.0 139.6

51 34.1 29.0 43.4

86 66.2 50.2 75.4

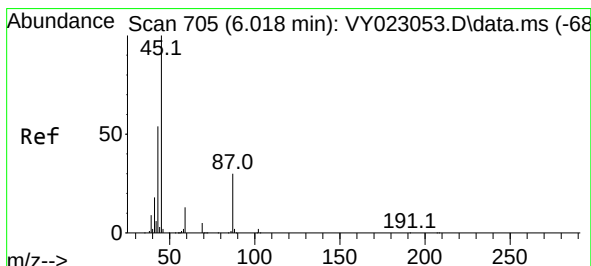
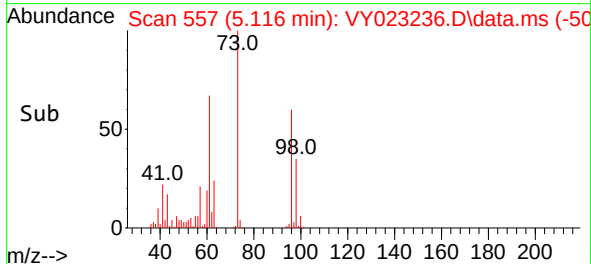
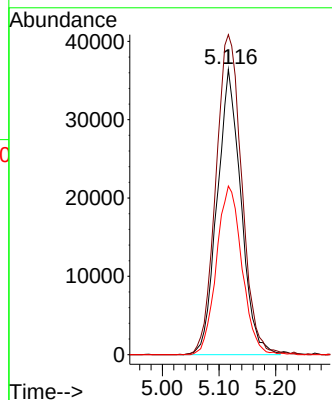
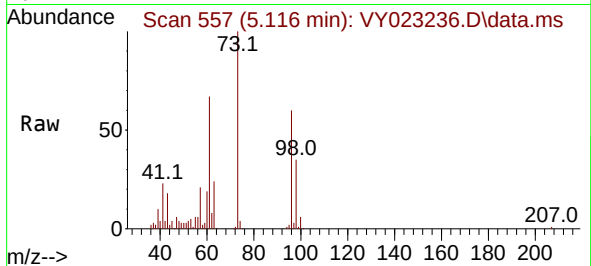




#21
trans-1,2-Dichloroethene
Concen: 21.325 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

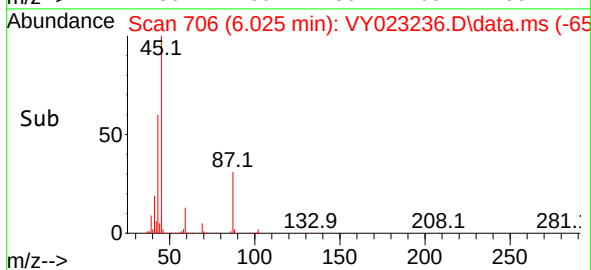
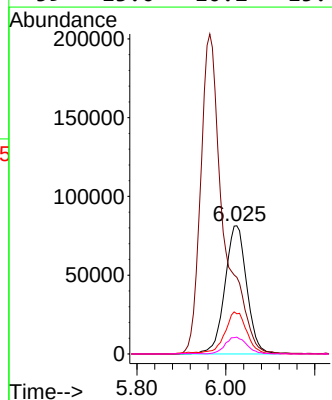
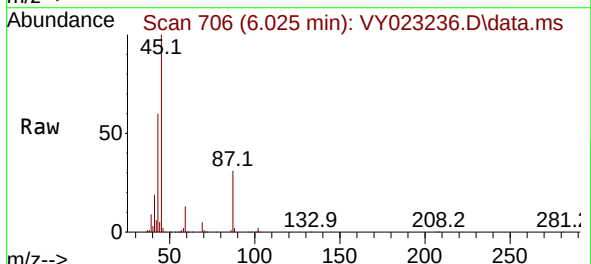
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

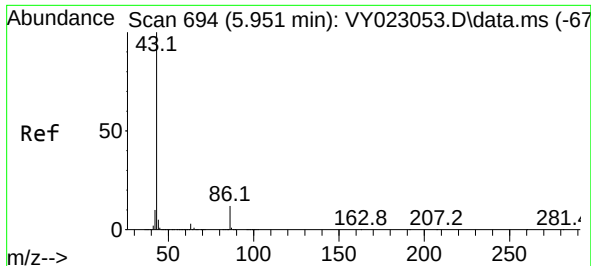
Tgt Ion: 96 Resp: 106163
Ion Ratio Lower Upper
96 100
61 112.0 104.8 157.2
98 59.1 50.1 75.1



#22
Diisopropyl ether
Concen: 19.581 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 45 Resp: 277358
Ion Ratio Lower Upper
45 100
43 59.5 43.4 65.0
87 31.2 24.4 36.6
59 13.0 10.2 15.4

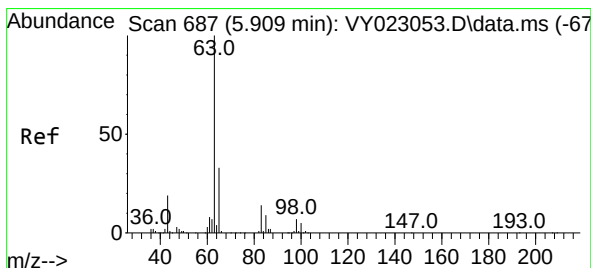
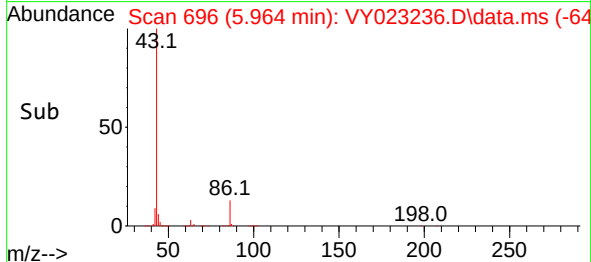
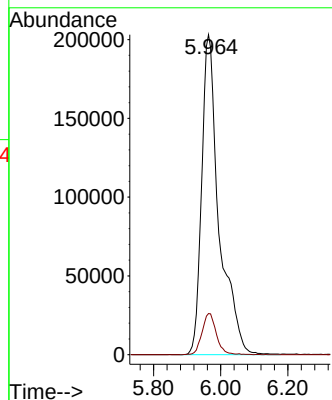
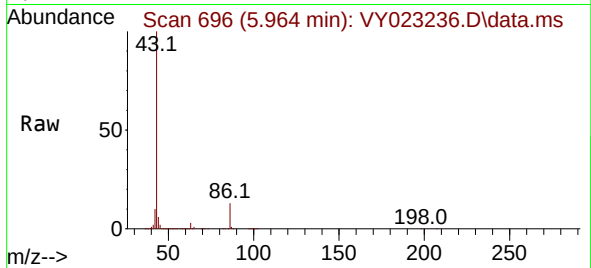




#23
 Vinyl Acetate
 Concen: 93.308 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023236.D
 Acq: 29 Aug 2025 10:28

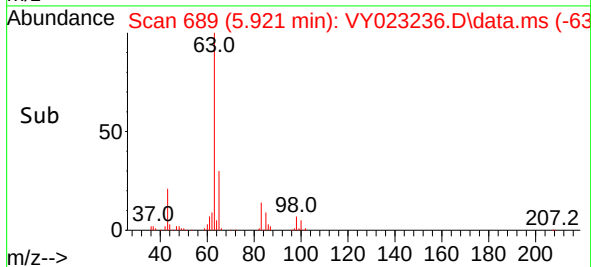
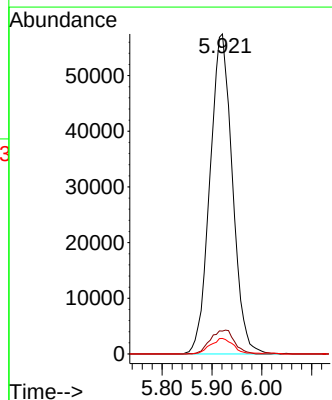
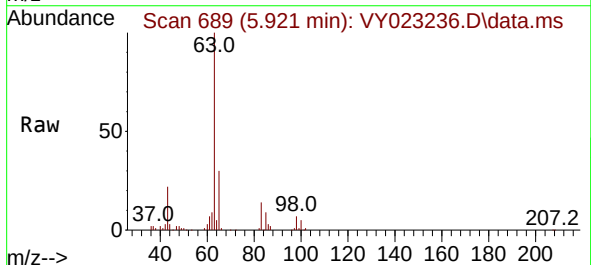
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

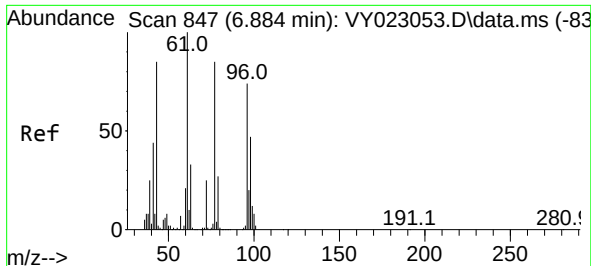
Tgt Ion: 43 Resp: 730814
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.788 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023236.D
 Acq: 29 Aug 2025 10:28

Tgt Ion: 63 Resp: 180025
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 98.346 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

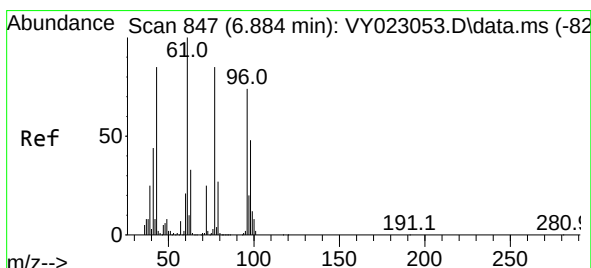
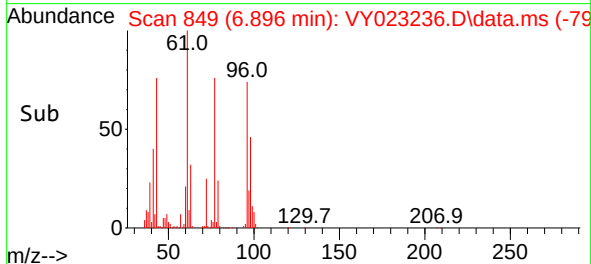
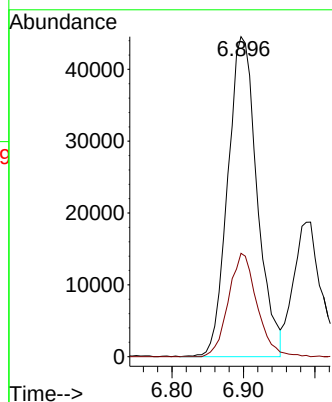
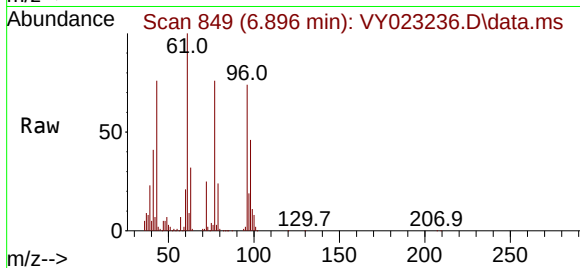
VY0829SBS01

Tgt Ion: 43 Resp: 126959

Ion Ratio Lower Upper

43 100

72 32.3 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.554 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023236.D

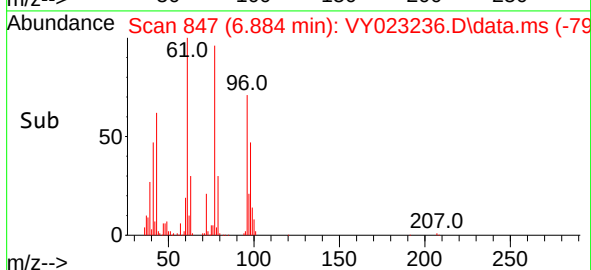
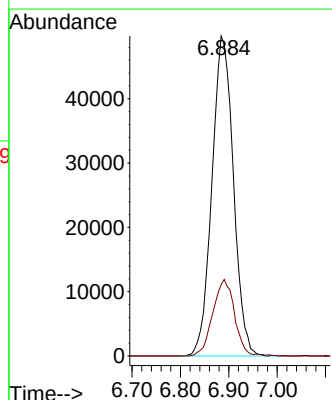
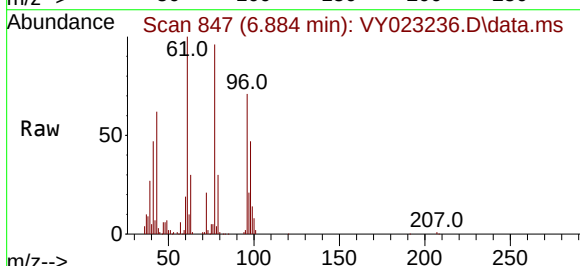
Acq: 29 Aug 2025 10:28

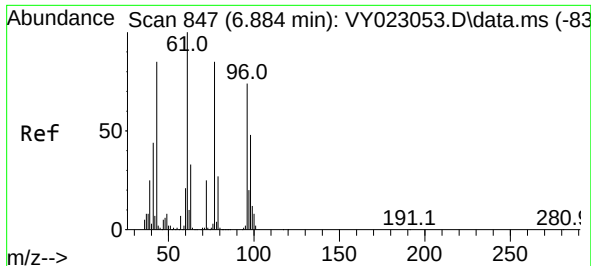
Tgt Ion: 77 Resp: 153591

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.813 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

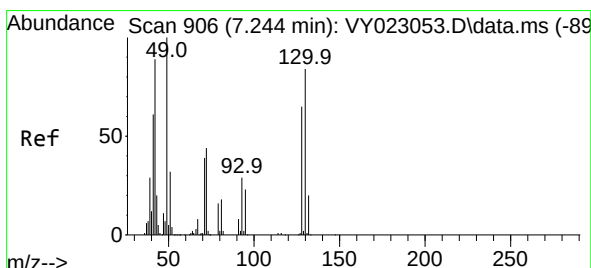
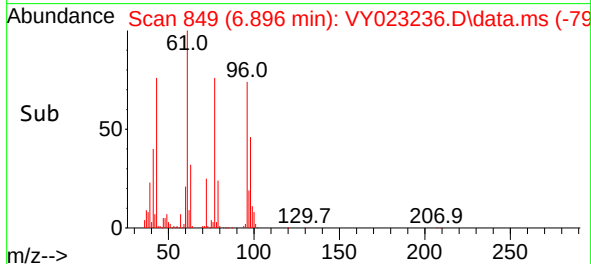
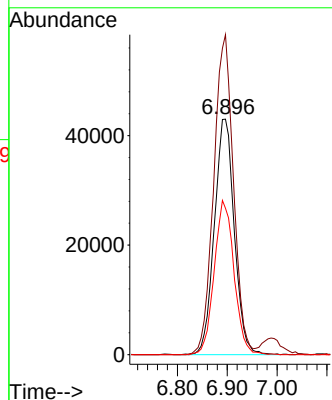
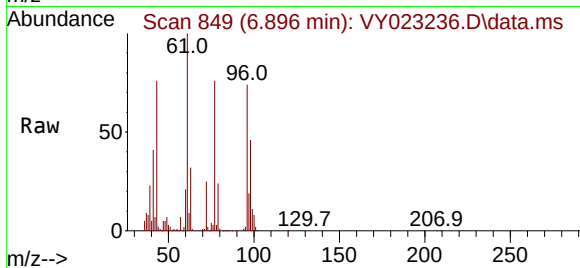
Tgt Ion: 96 Resp: 119783

Ion Ratio Lower Upper

96 100

61 133.9 0.0 278.6

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.886 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

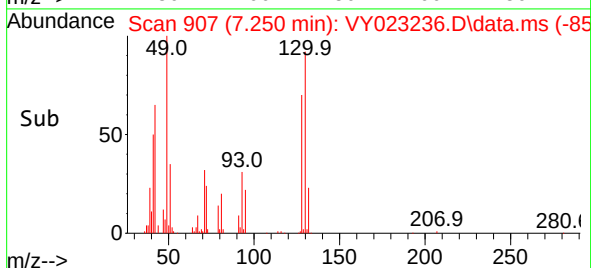
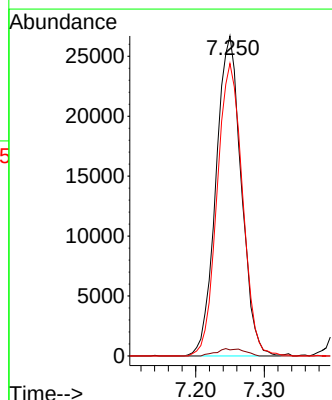
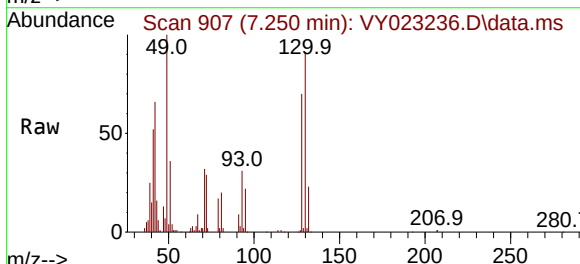
Tgt Ion: 49 Resp: 68325

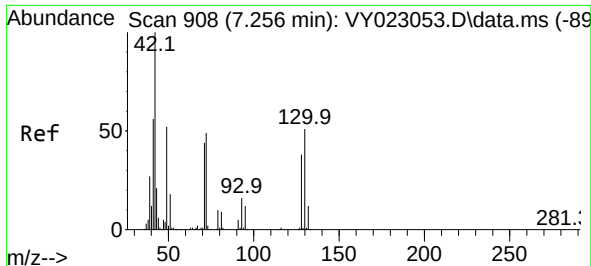
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 91.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 91.456 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

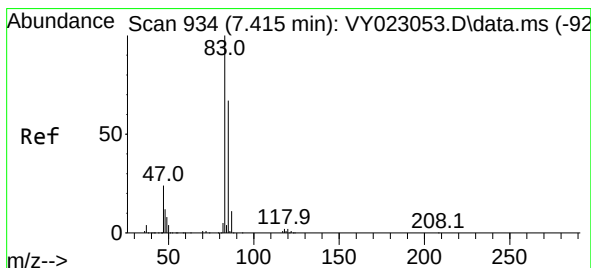
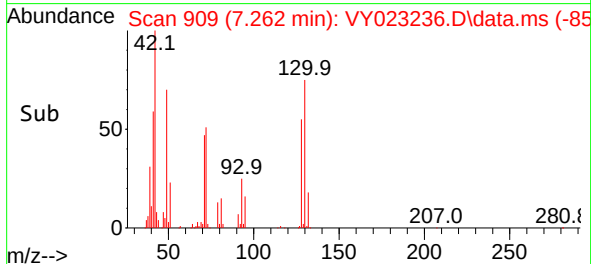
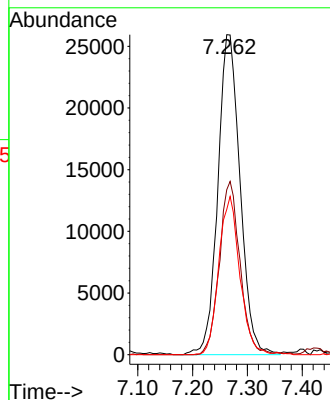
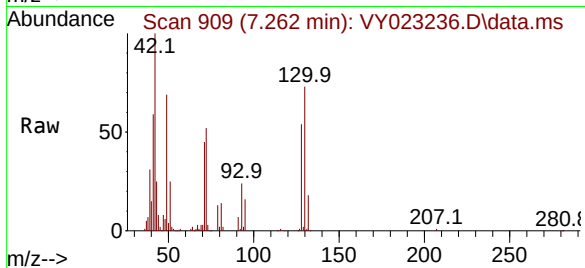
Tgt Ion: 42 Resp: 73183

Ion Ratio Lower Upper

42 100

72 50.5 39.4 59.2

71 46.7 36.5 54.7



#30

Chloroform

Concen: 21.493 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023236.D

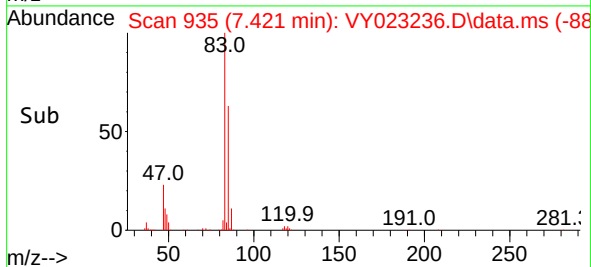
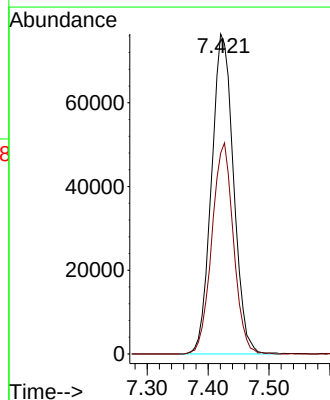
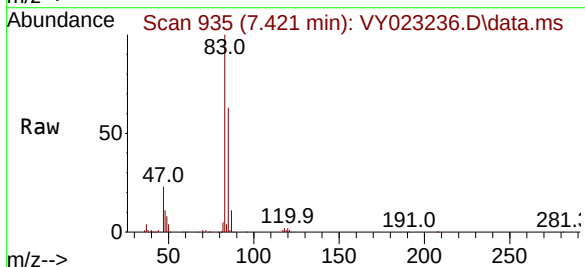
Acq: 29 Aug 2025 10:28

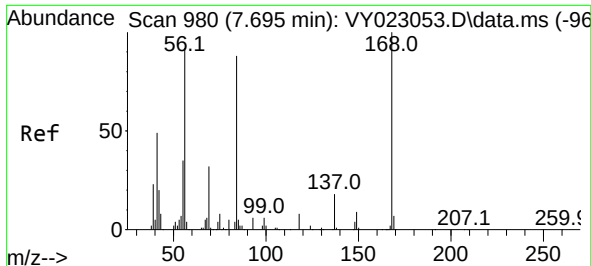
Tgt Ion: 83 Resp: 191958

Ion Ratio Lower Upper

83 100

85 62.8 53.8 80.8

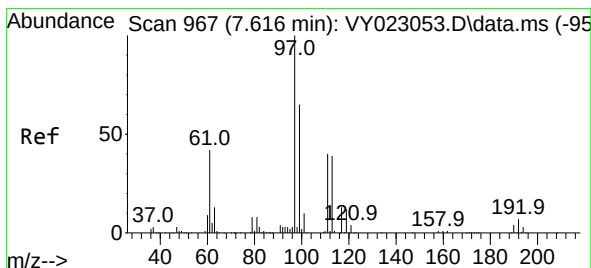
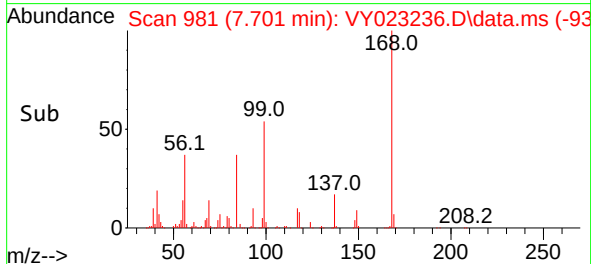
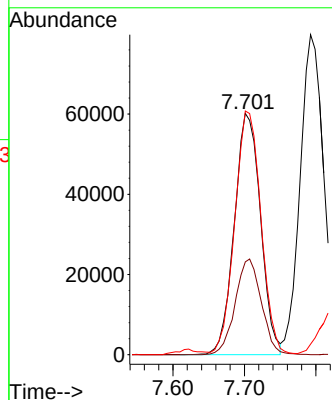
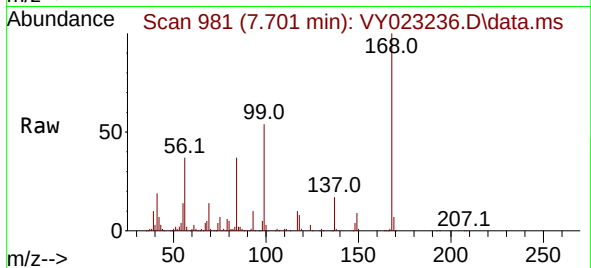




#31
Cyclohexane
Concen: 18.781 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

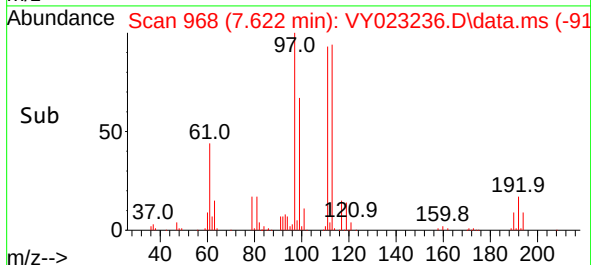
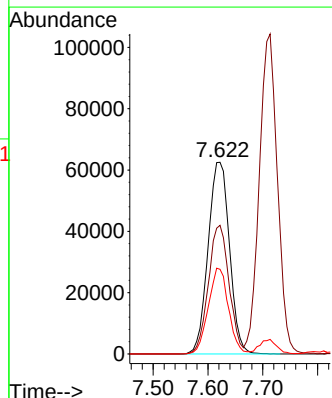
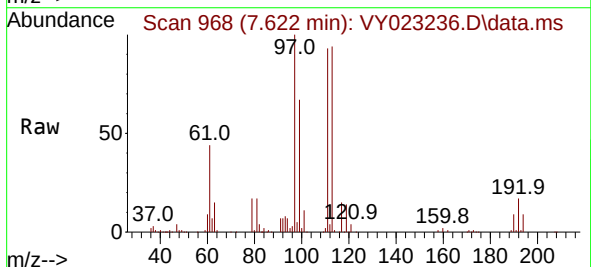
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

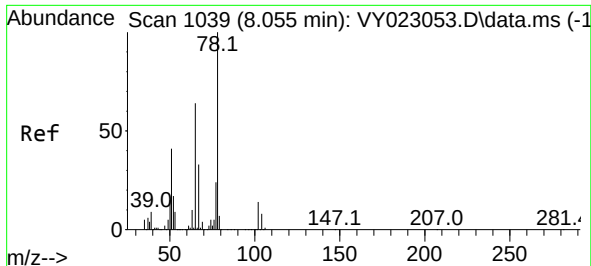
Tgt Ion: 56 Resp: 153270
Ion Ratio Lower Upper
56 100
69 38.5 28.2 42.2
84 99.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.381 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 97 Resp: 169441
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 42.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.319 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

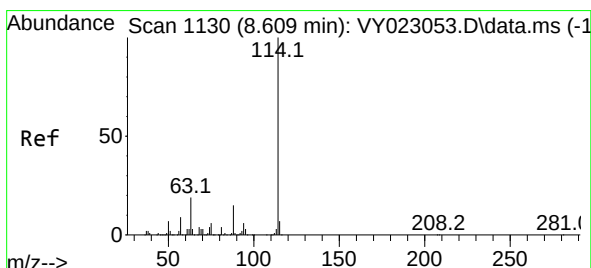
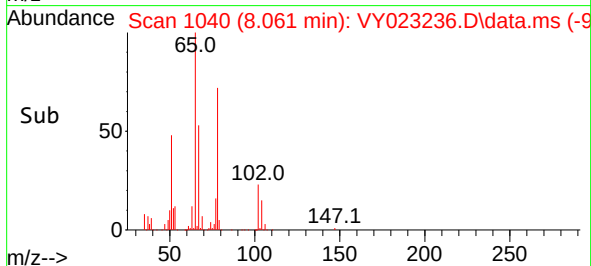
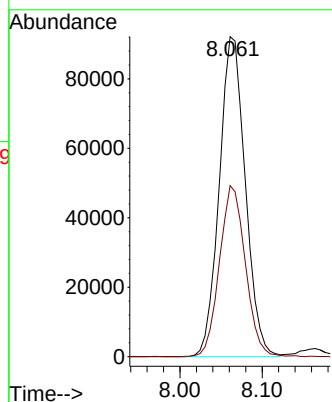
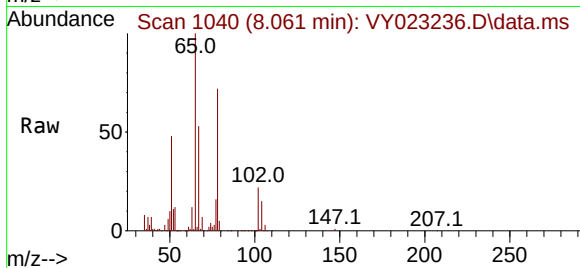
VY0829SBS01

Tgt Ion: 65 Resp: 202940

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: VY023236.D

Acq: 29 Aug 2025 10:28

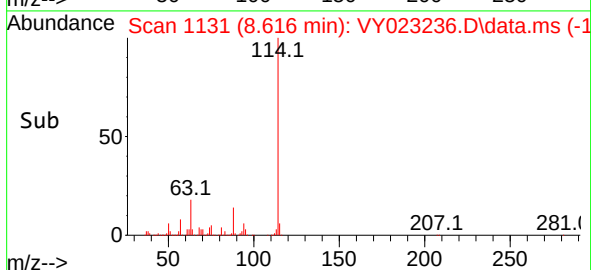
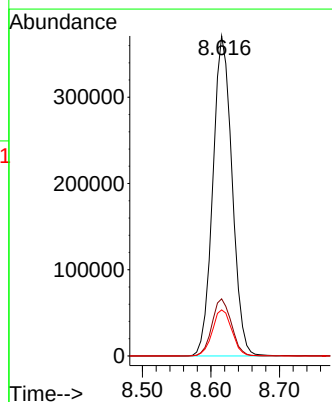
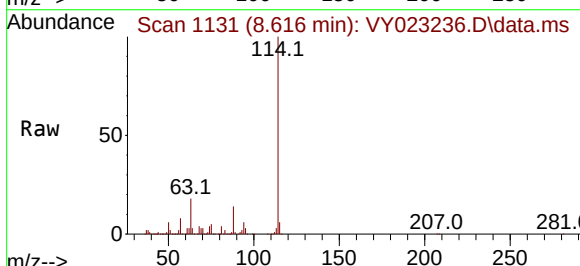
Tgt Ion:114 Resp: 723904

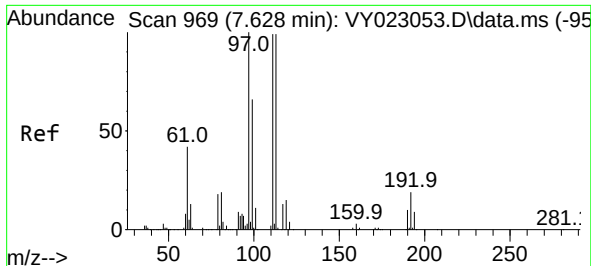
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.4 0.0 30.0

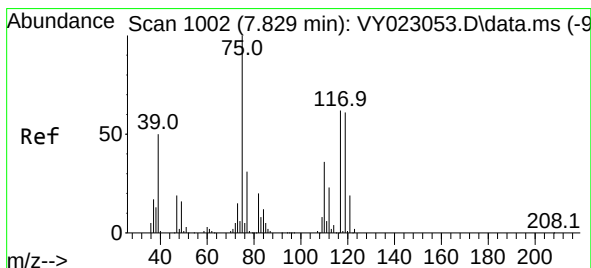
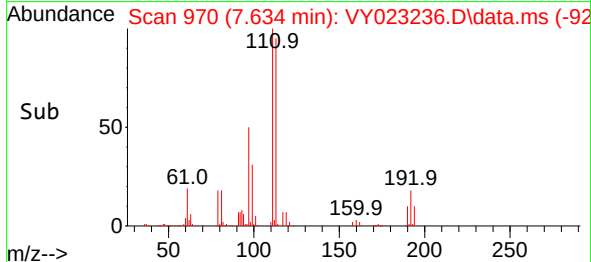
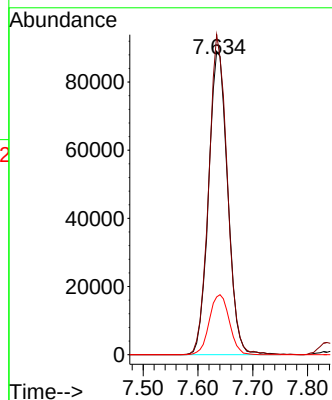
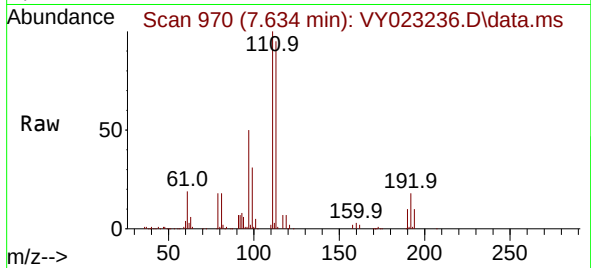




#35
Dibromofluoromethane
Concen: 49.675 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

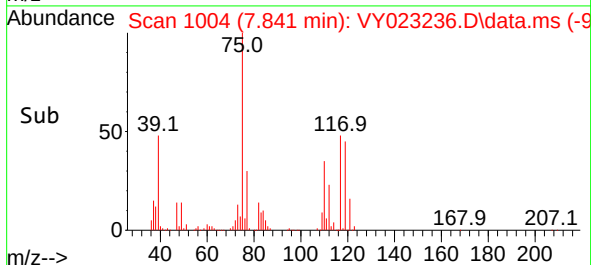
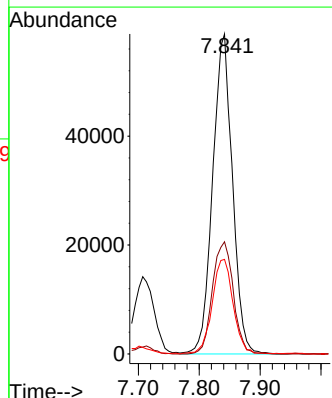
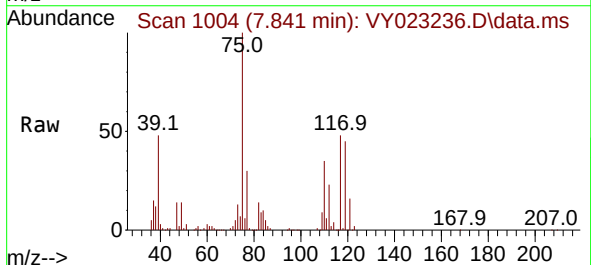
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

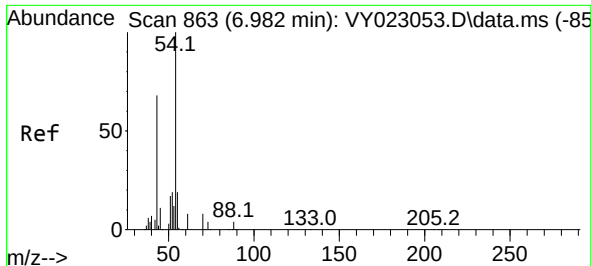
Tgt Ion:113 Resp: 215171
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.573 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 75 Resp: 132436
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 18.814 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

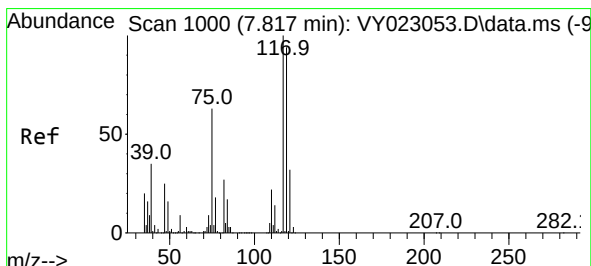
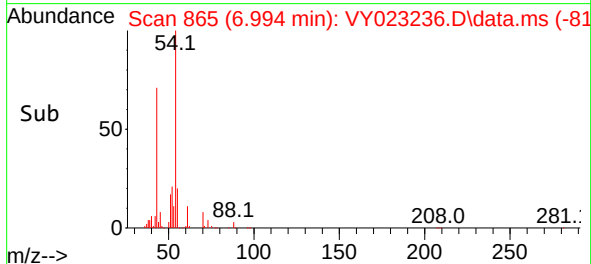
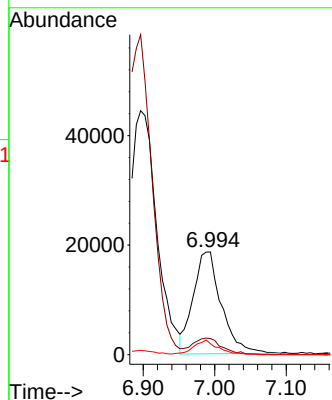
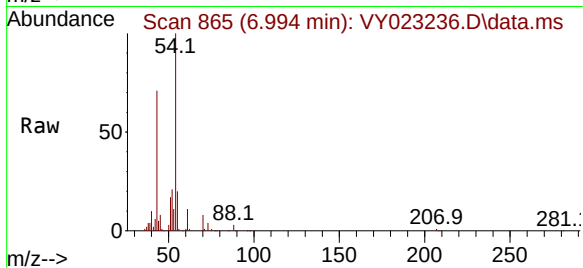
Tgt Ion: 43 Resp: 50876

Ion Ratio Lower Upper

43 100

61 16.8 11.9 17.9

70 12.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.605 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

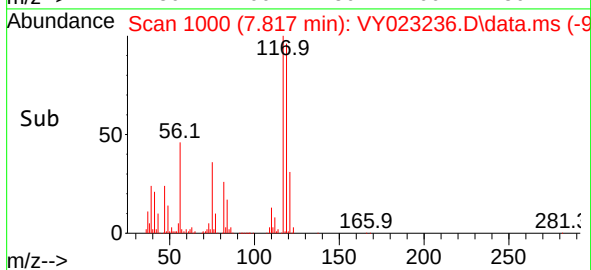
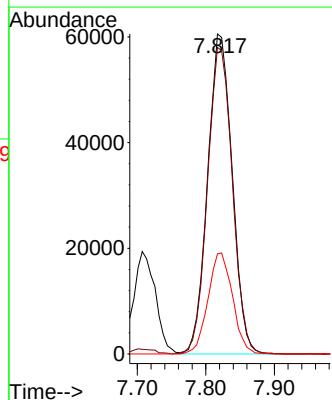
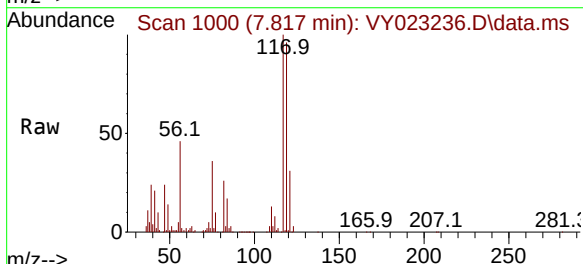
Tgt Ion: 117 Resp: 151056

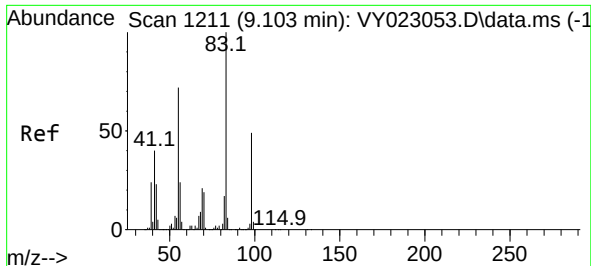
Ion Ratio Lower Upper

117 100

119 95.6 75.6 113.4

121 31.3 25.8 38.8





#39

Methylcyclohexane

Concen: 19.705 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

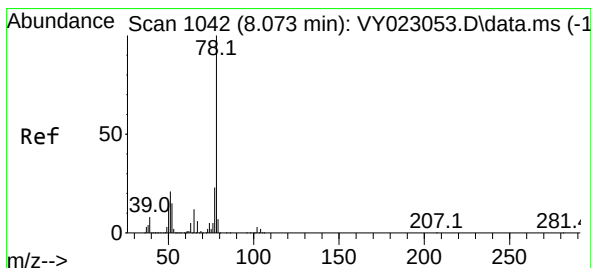
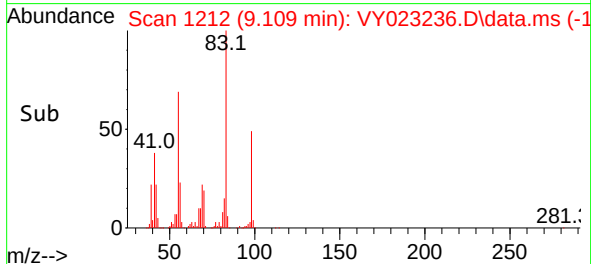
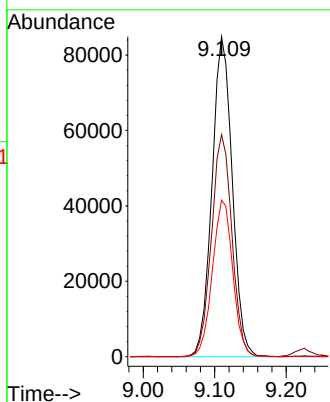
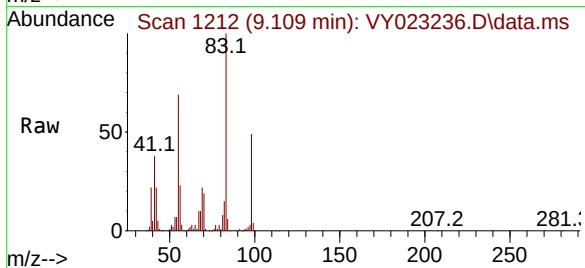
Tgt Ion: 83 Resp: 167043

Ion Ratio Lower Upper

83 100

55 69.4 57.6 86.4

98 48.9 39.2 58.8



#40

Benzene

Concen: 21.326 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023236.D

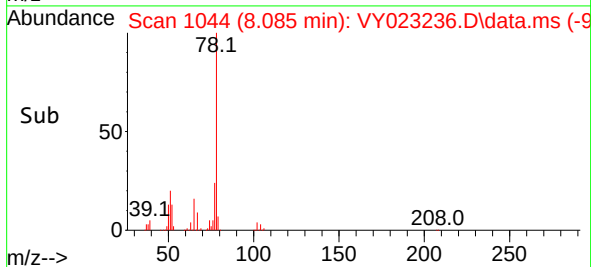
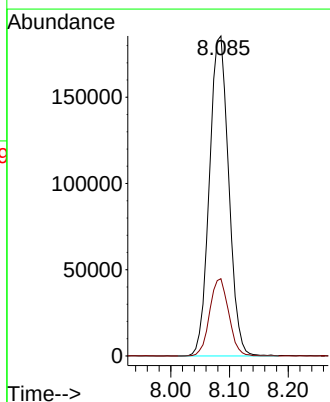
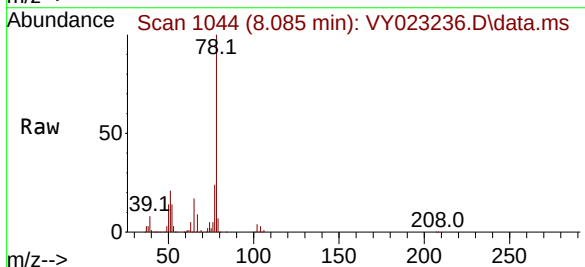
Acq: 29 Aug 2025 10:28

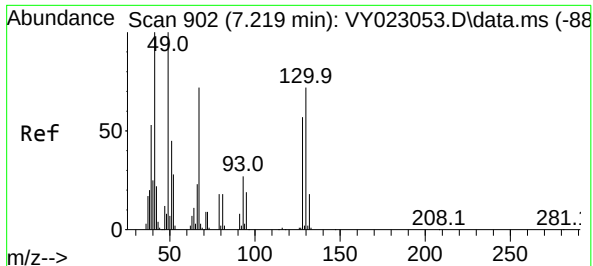
Tgt Ion: 78 Resp: 423120

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0

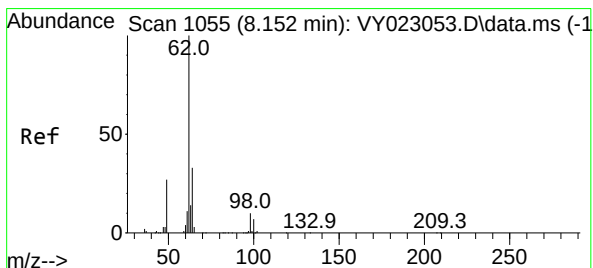
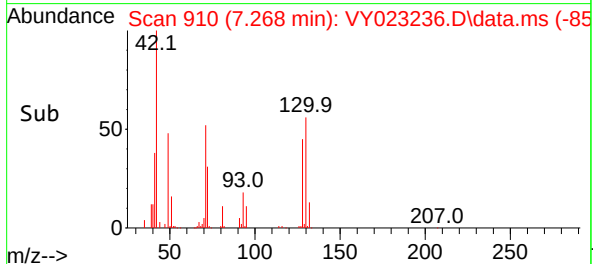
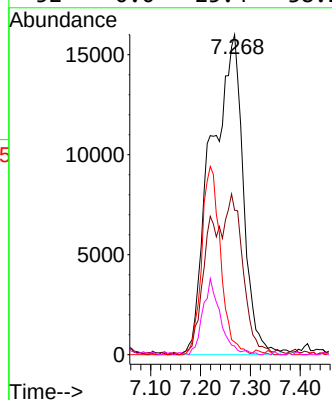
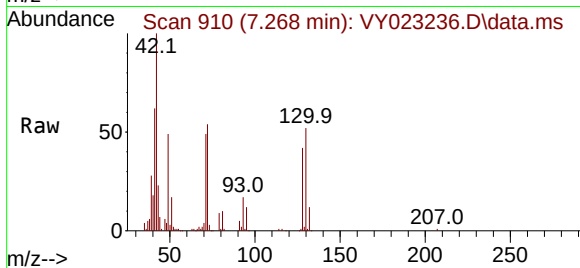




#41
Methacrylonitrile
Concen: 45.628 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

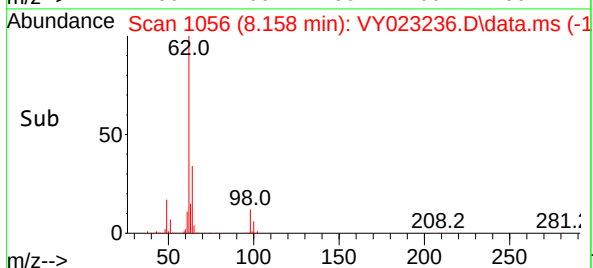
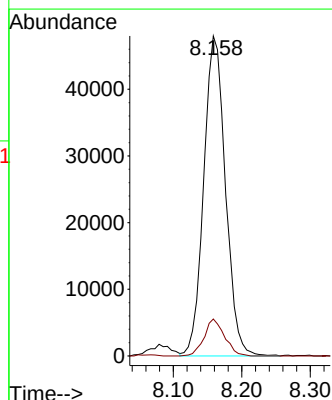
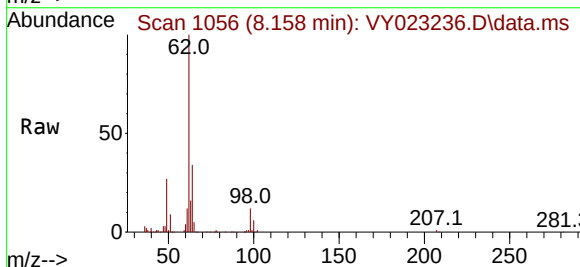
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

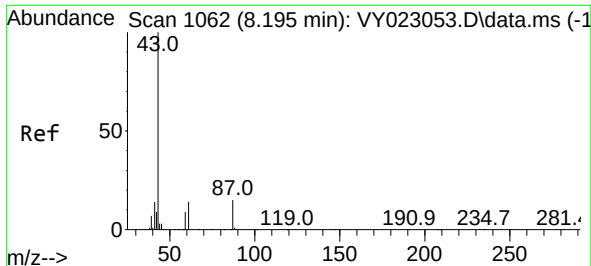
Tgt Ion: 41 Resp: 71209
Ion Ratio Lower Upper
41 100
39 26.9 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.551 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 62 Resp: 106050
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.6

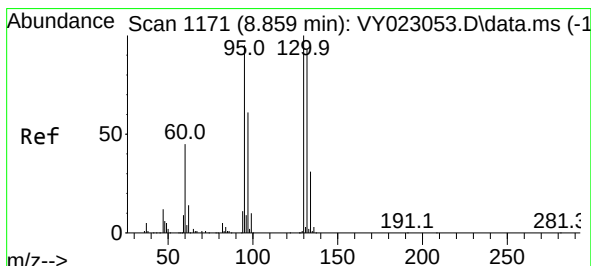
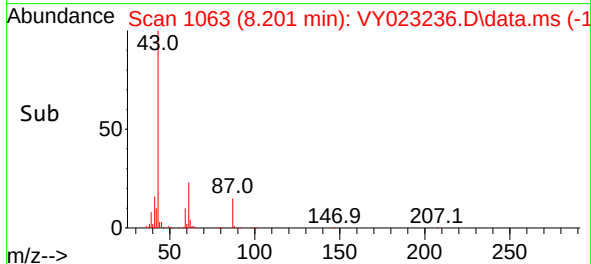
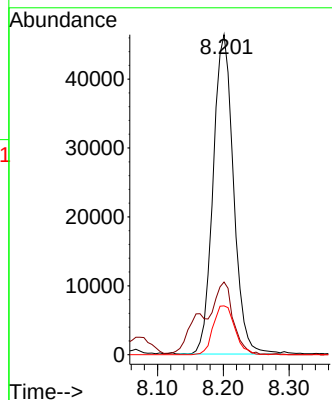
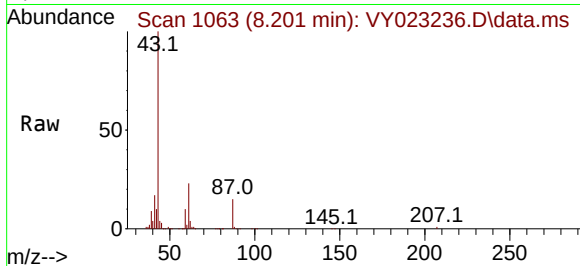




#43
Isopropyl Acetate
Concen: 18.318 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

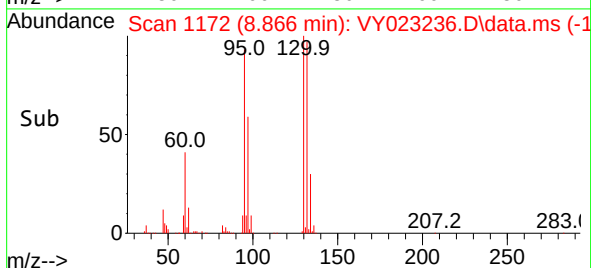
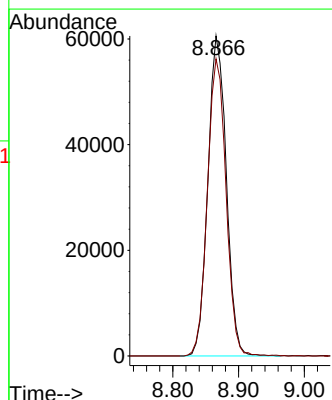
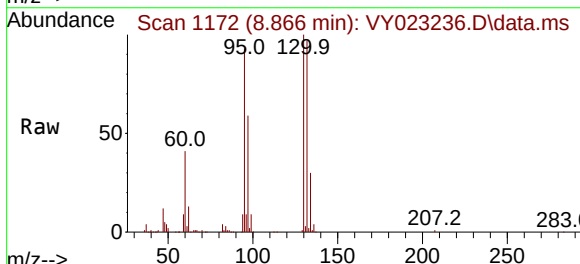
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

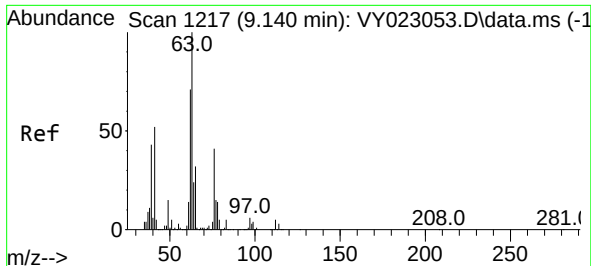
Tgt Ion: 43 Resp: 100118
Ion Ratio Lower Upper
43 100
61 21.0 16.4 24.6
87 16.3 11.8 17.6



#44
Trichloroethene
Concen: 23.025 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion:130 Resp: 118055
Ion Ratio Lower Upper
130 100
95 92.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.894 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

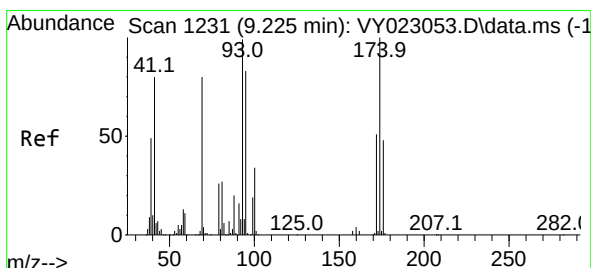
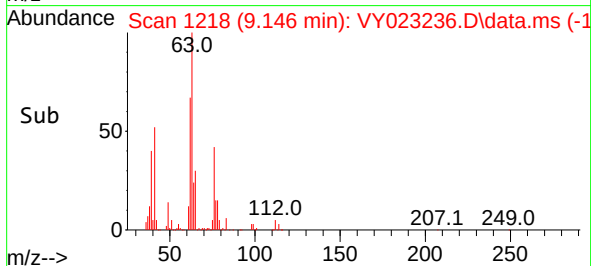
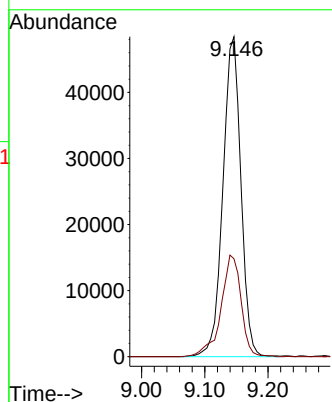
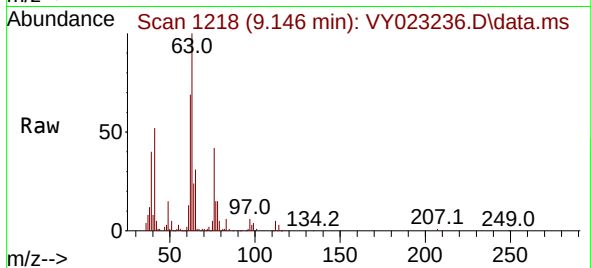
VY0829SBS01

Tgt Ion: 63 Resp: 95387

Ion Ratio Lower Upper

63 100

65 30.6 25.3 37.9



#46

Dibromomethane

Concen: 21.752 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

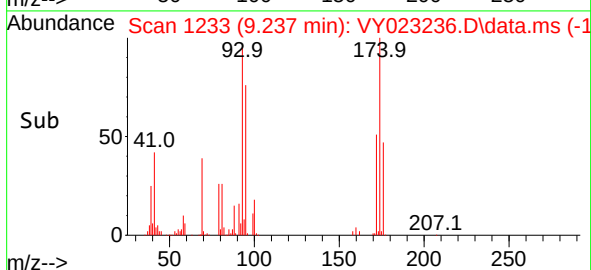
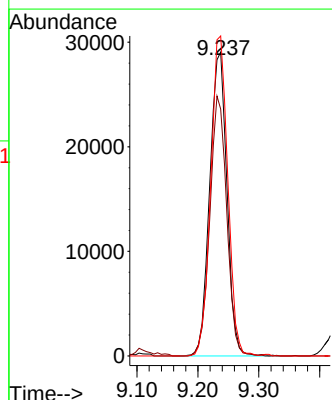
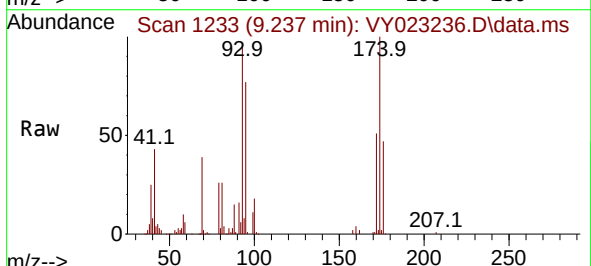
Tgt Ion: 93 Resp: 56996

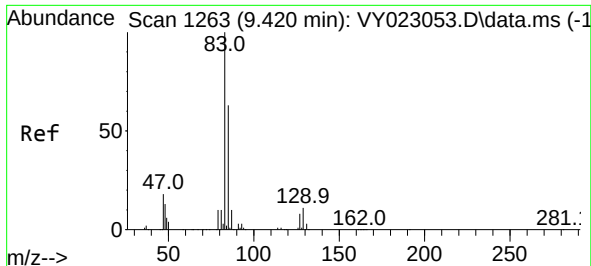
Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

174 104.4 81.8 122.8

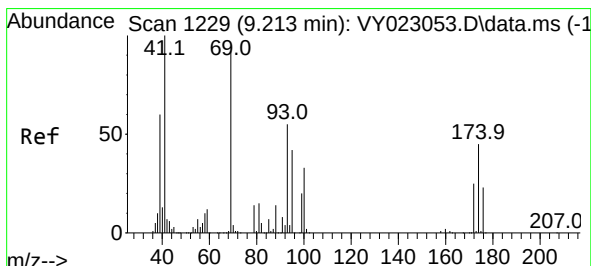
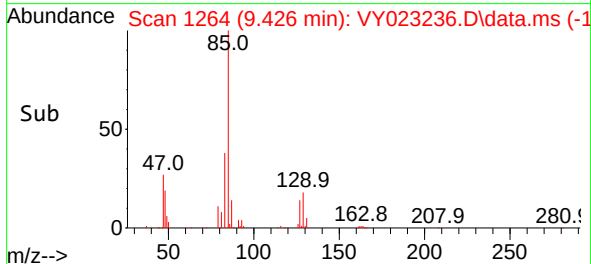
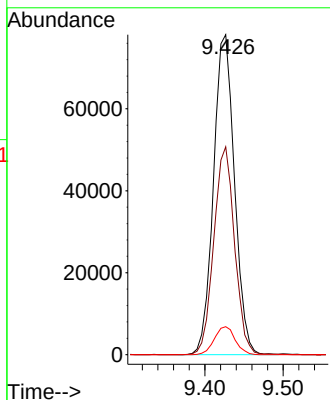
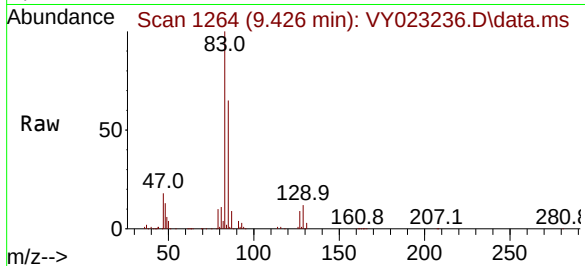




#47
Bromodichloromethane
Concen: 21.595 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

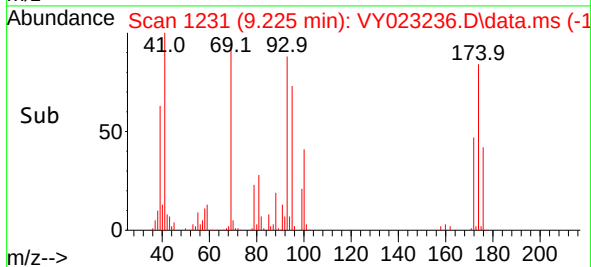
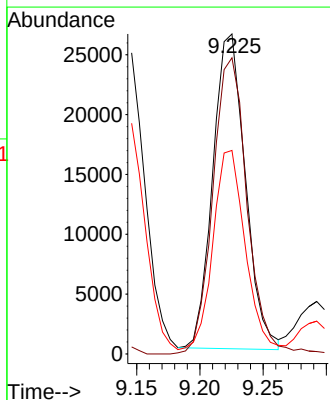
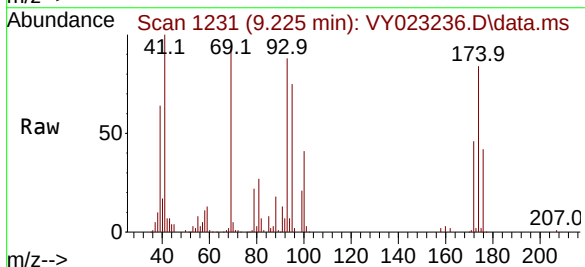
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

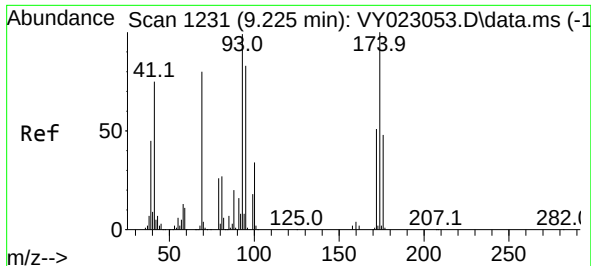
Tgt Ion: 83 Resp: 145599
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 17.983 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 41 Resp: 47032
Ion Ratio Lower Upper
41 100
69 99.5 73.2 109.8
39 63.0 47.0 70.4





#49

1,4-Dioxane

Concen: 359.984 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBSD01

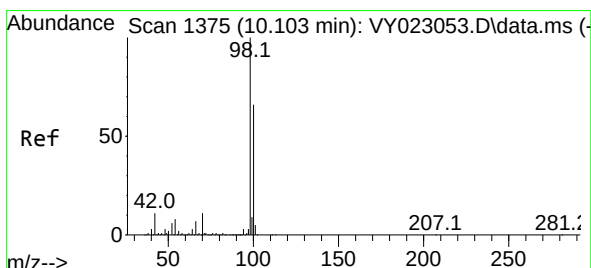
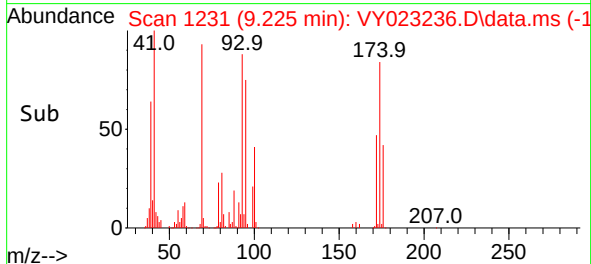
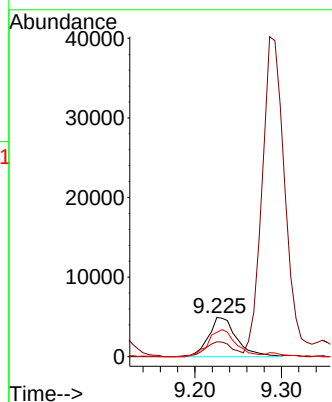
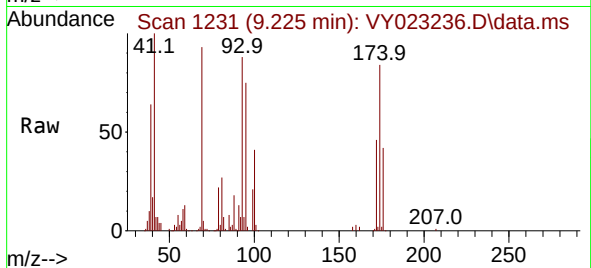
Tgt Ion: 88 Resp: 11060

Ion Ratio Lower Upper

88 100

43 38.0 24.3 36.5#

58 68.6 55.4 83.0



#50

Toluene-d8

Concen: 48.756 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023236.D

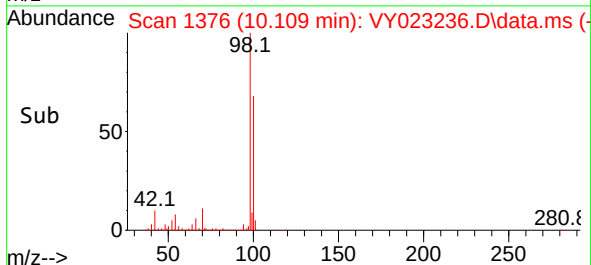
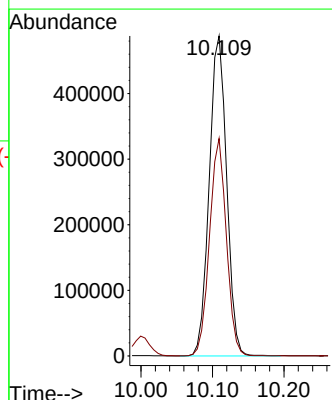
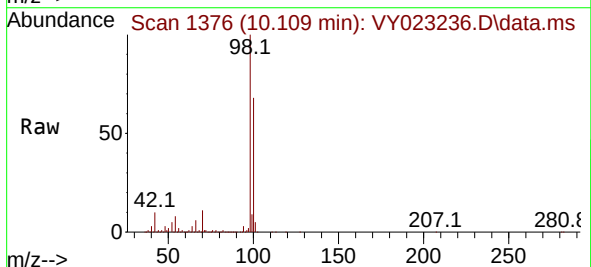
Acq: 29 Aug 2025 10:28

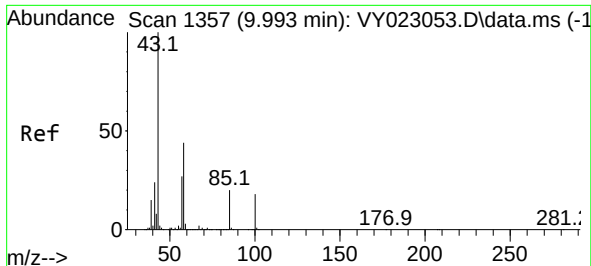
Tgt Ion: 98 Resp: 825047

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 92.953 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

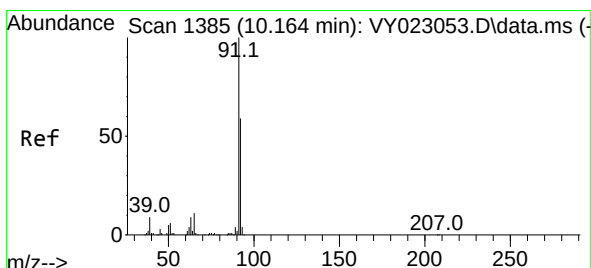
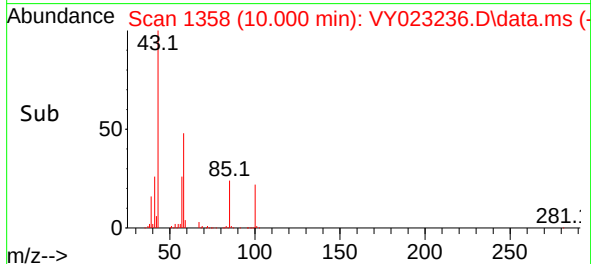
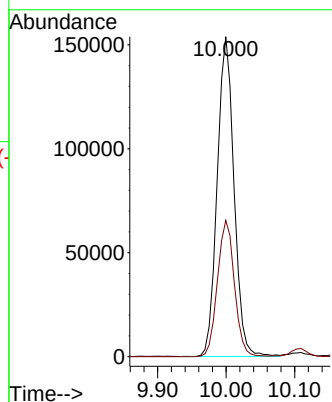
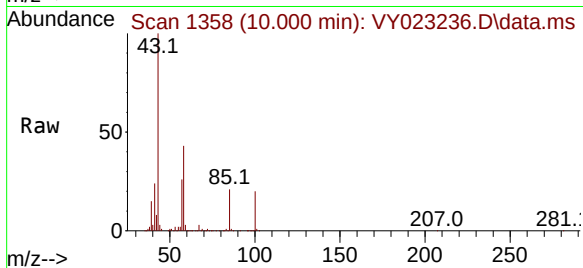
VY0829SBS01

Tgt Ion: 43 Resp: 262060

Ion Ratio Lower Upper

43 100

58 43.0 33.5 50.3



#52

Toluene

Concen: 21.766 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023236.D

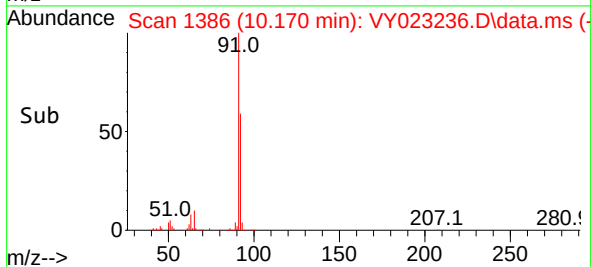
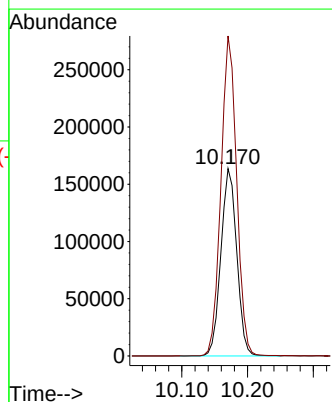
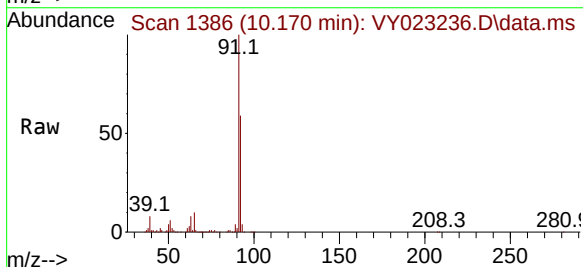
Acq: 29 Aug 2025 10:28

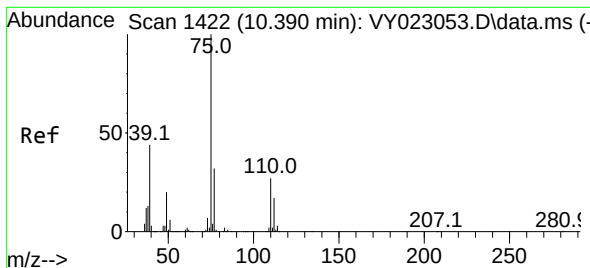
Tgt Ion: 92 Resp: 274285

Ion Ratio Lower Upper

92 100

91 170.1 136.4 204.6

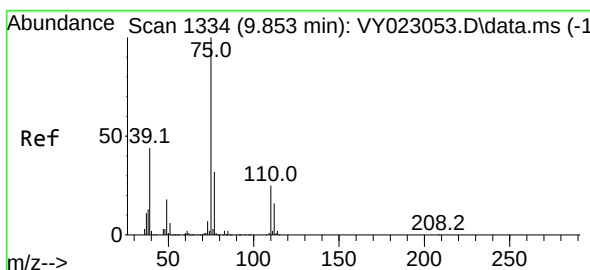
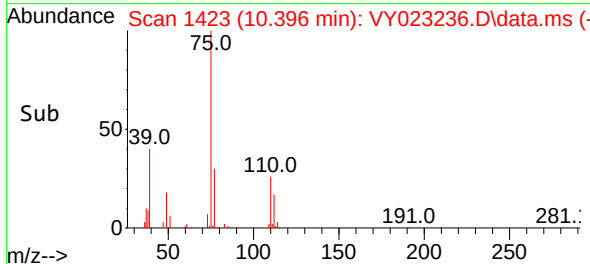
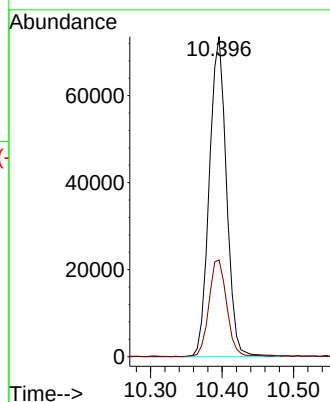
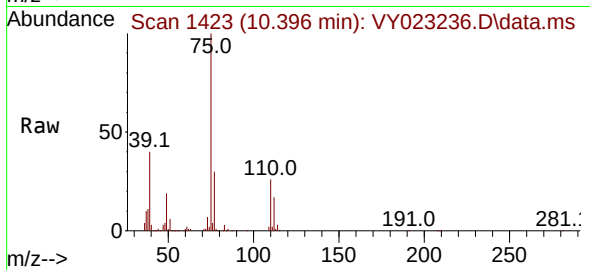




#53
 t-1,3-Dichloropropene
 Concen: 20.056 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023236.D
 Acq: 29 Aug 2025 10:28

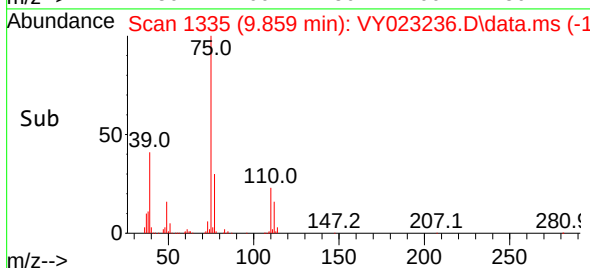
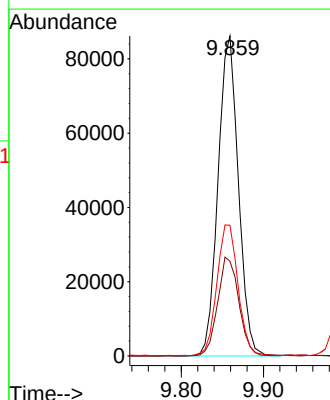
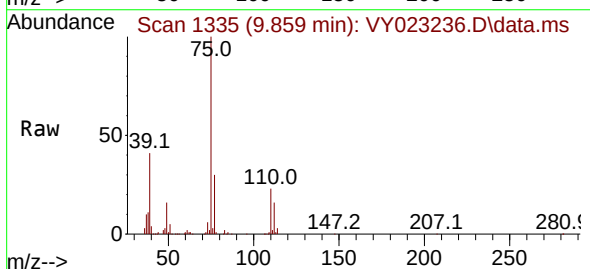
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBS01

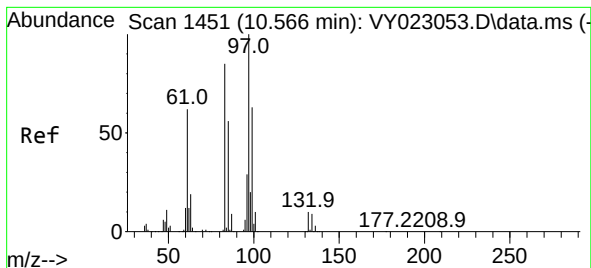
Tgt Ion: 75 Resp: 122450
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.500 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023236.D
 Acq: 29 Aug 2025 10:28

Tgt Ion: 75 Resp: 148001
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0
 39 40.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 21.560 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

Tgt Ion: 97 Resp: 75592

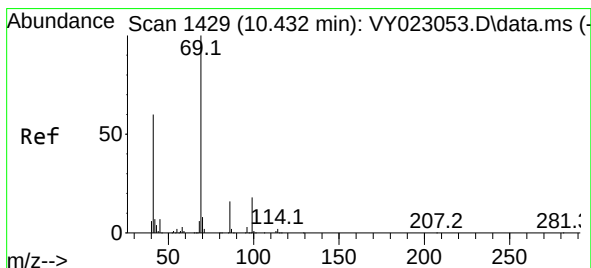
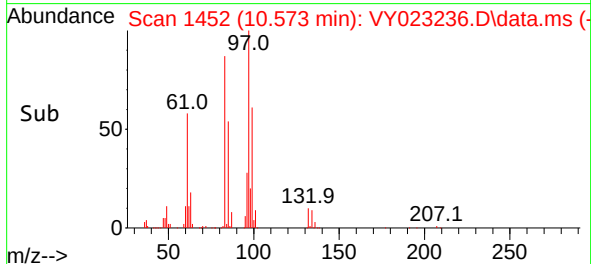
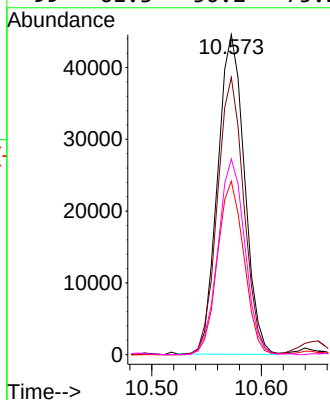
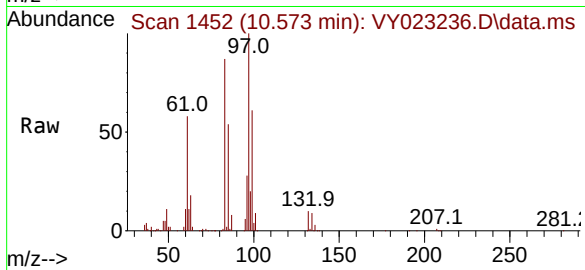
Ion Ratio Lower Upper

97 100

83 86.8 67.7 101.5

85 54.3 44.5 66.7

99 61.3 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.919 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

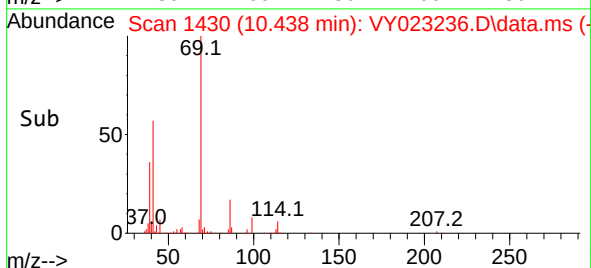
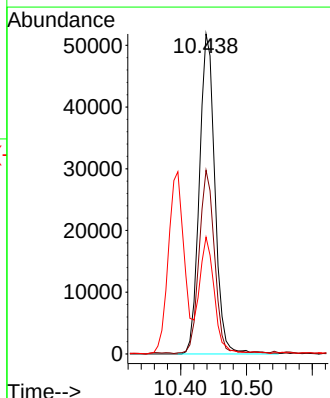
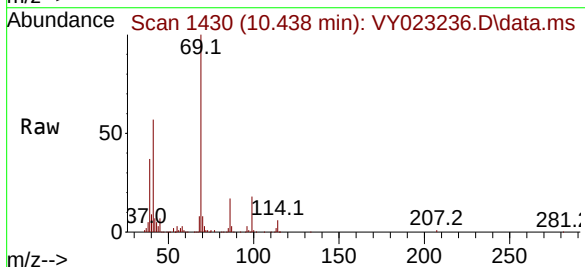
Tgt Ion: 69 Resp: 84882

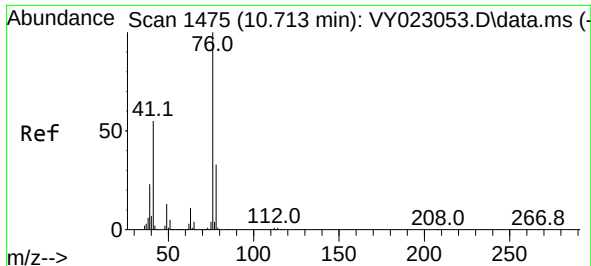
Ion Ratio Lower Upper

69 100

41 56.9 48.6 72.8

39 33.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.118 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

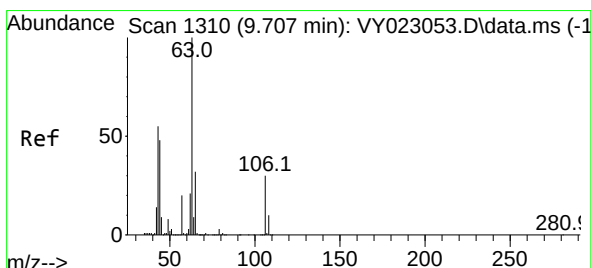
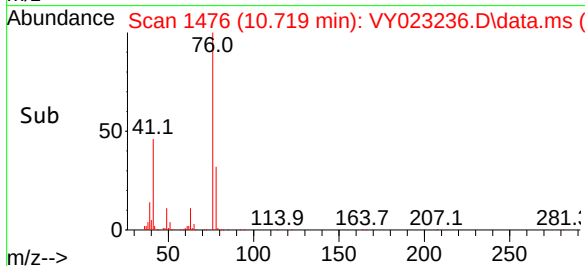
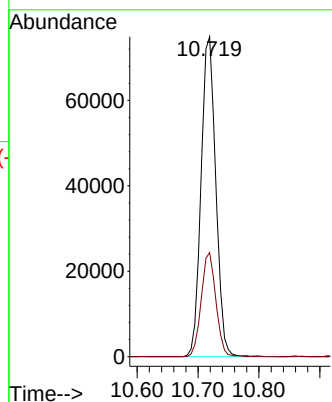
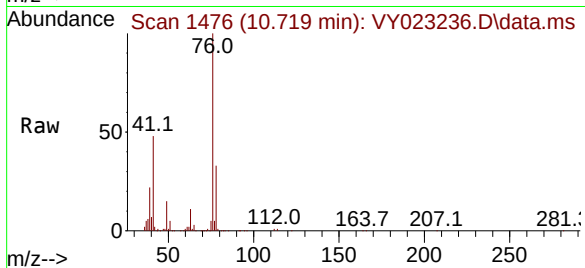
VY0829SBS01

Tgt Ion: 76 Resp: 125571

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.972 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023236.D

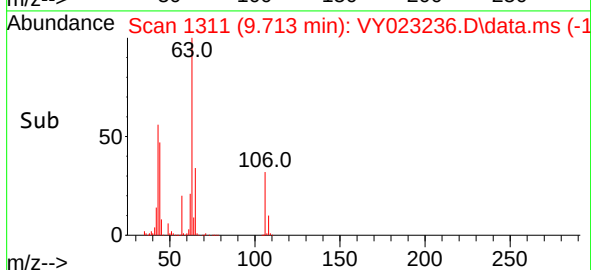
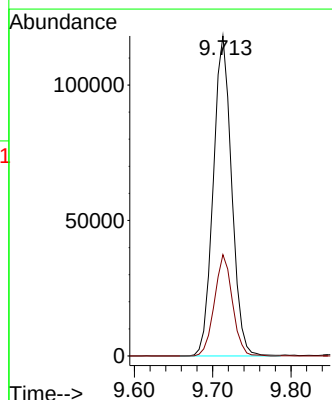
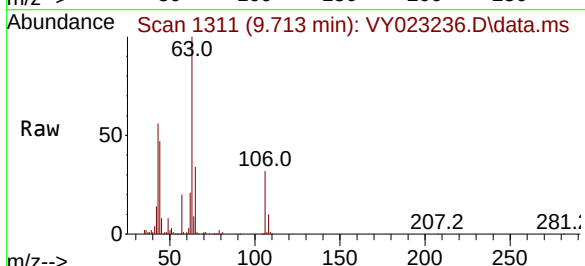
Acq: 29 Aug 2025 10:28

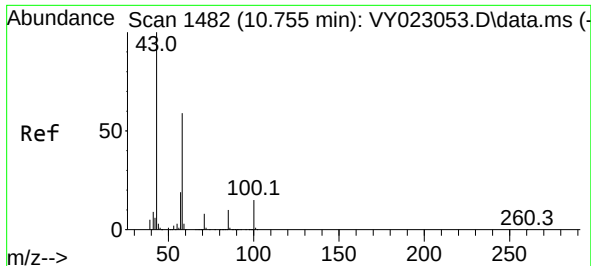
Tgt Ion: 63 Resp: 192524

Ion Ratio Lower Upper

63 100

106 31.0 23.2 34.8

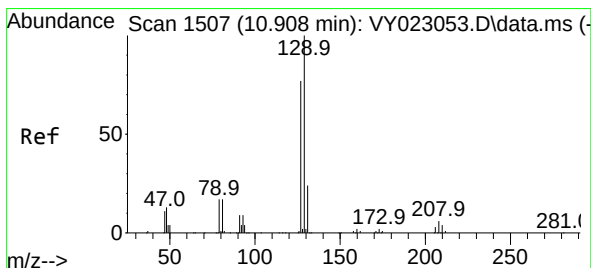
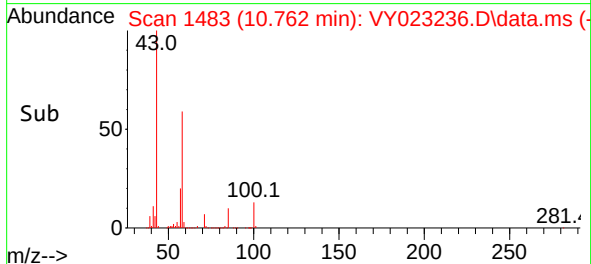
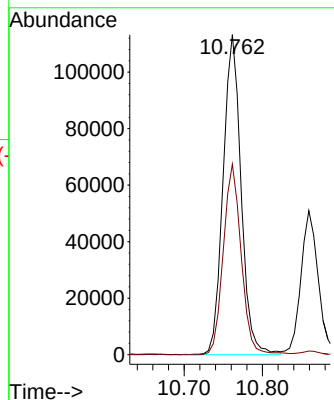
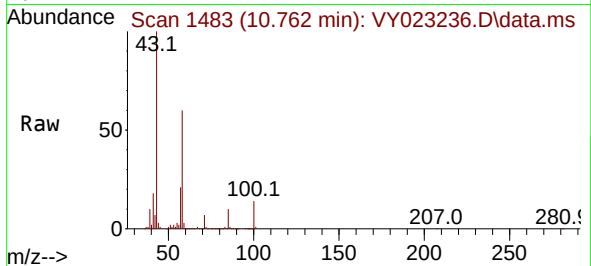




#59
2-Hexanone
Concen: 94.208 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

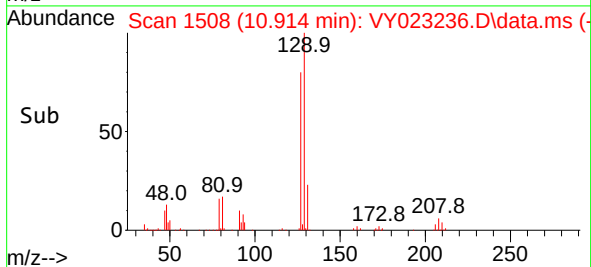
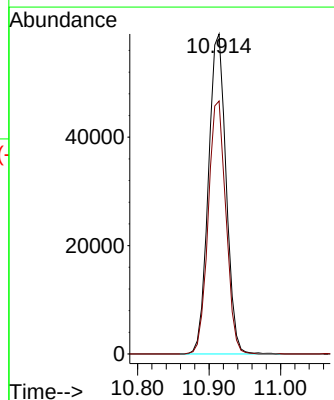
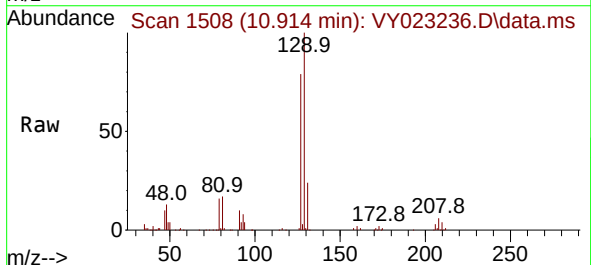
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

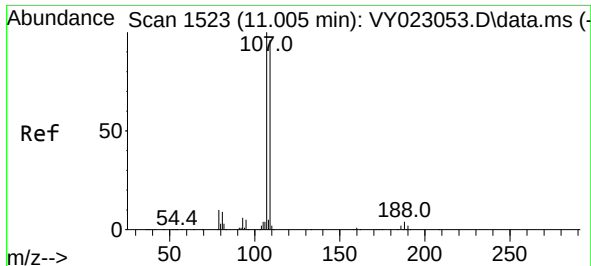
Tgt Ion: 43 Resp: 180855
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 21.899 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 129 Resp: 101316
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5

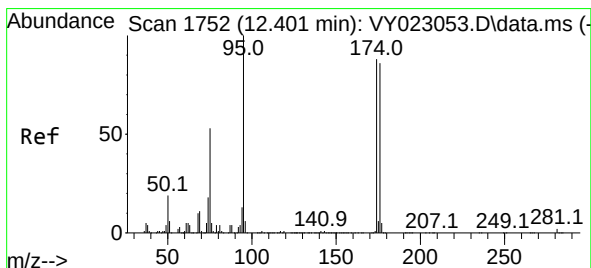
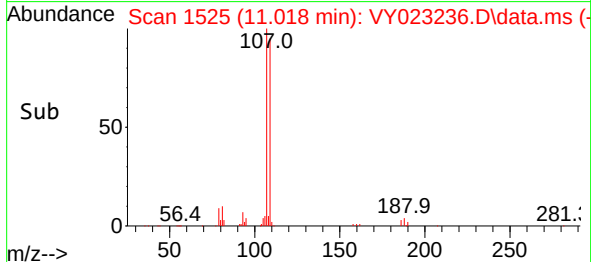
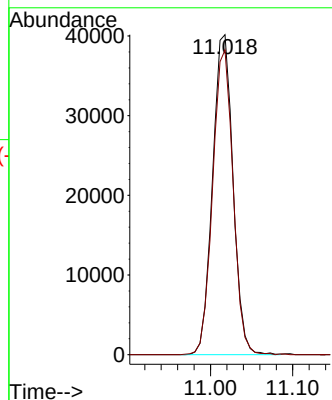
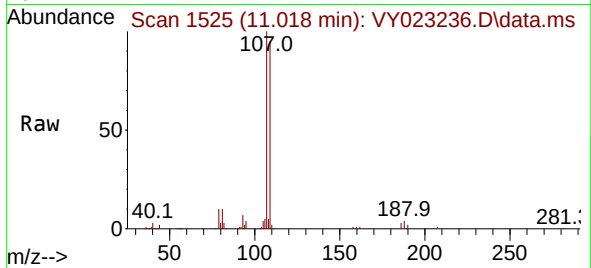




#61
1,2-Dibromoethane
Concen: 21.079 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

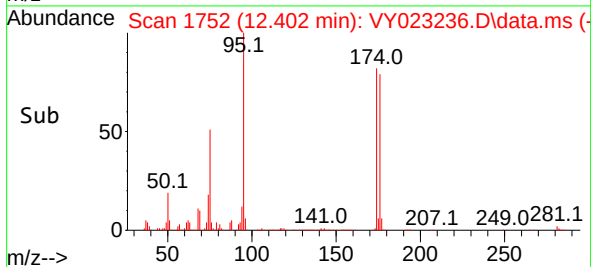
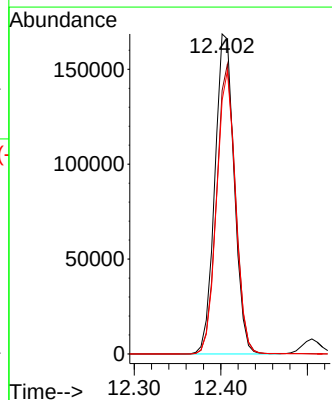
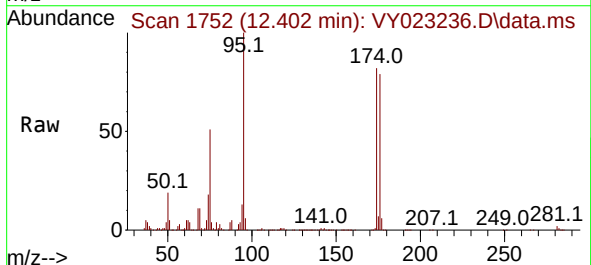
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

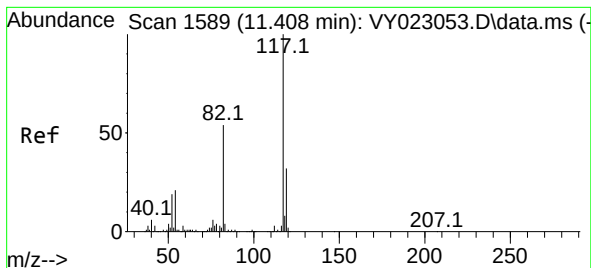
Tgt Ion:107 Resp: 69464
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.078 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 95 Resp: 261639
Ion Ratio Lower Upper
95 100
174 88.8 0.0 171.6
176 86.4 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: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBSD01

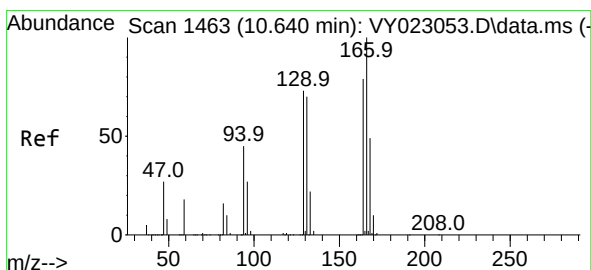
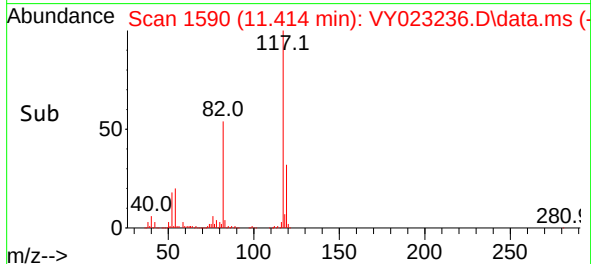
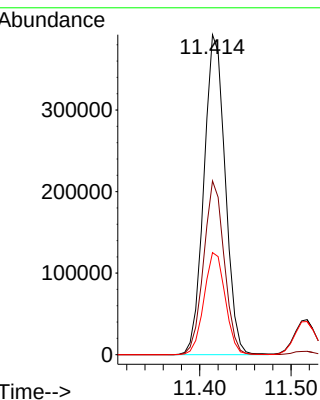
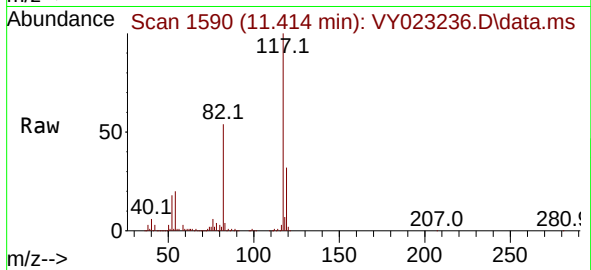
Tgt Ion:117 Resp: 635127

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 25.423 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Tgt Ion:164 Resp: 144178

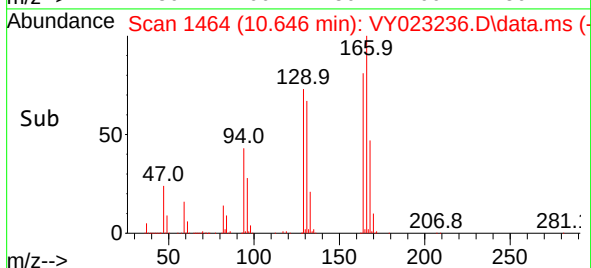
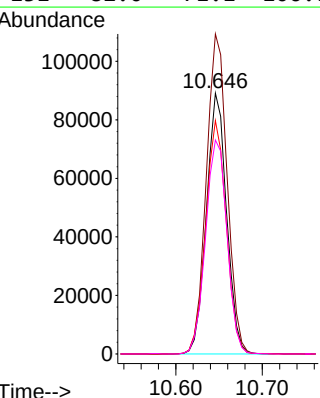
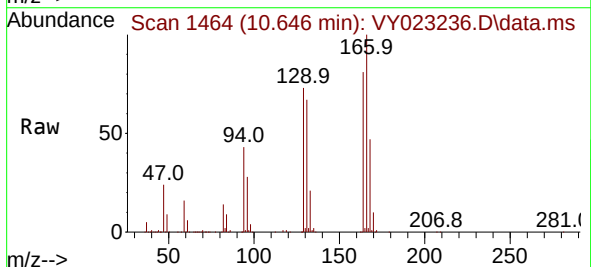
Ion Ratio Lower Upper

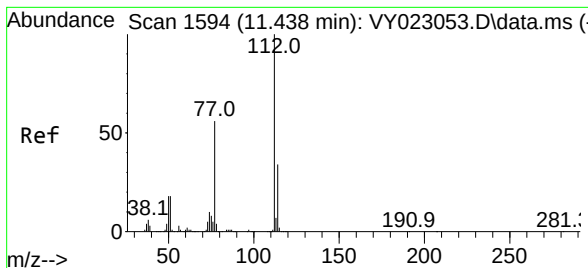
164 100

166 122.7 101.1 151.7

129 89.5 74.0 111.0

131 82.0 71.1 106.7

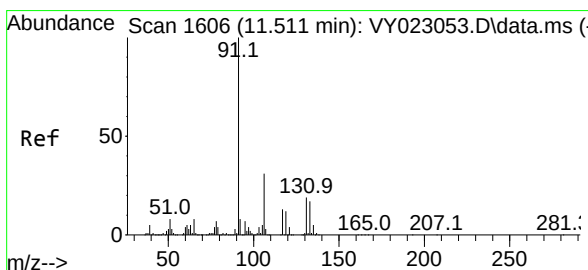
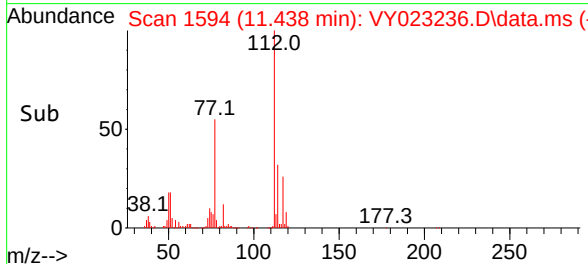
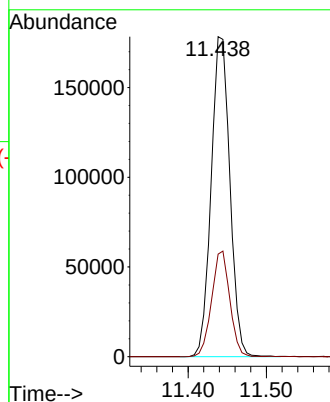
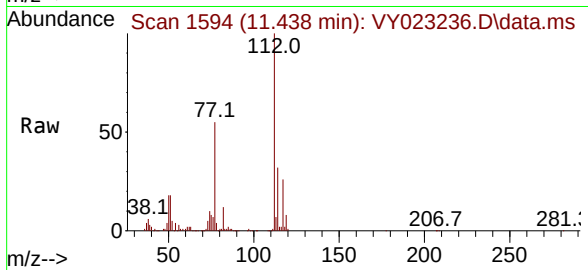




#65
Chlorobenzene
Concen: 21.611 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

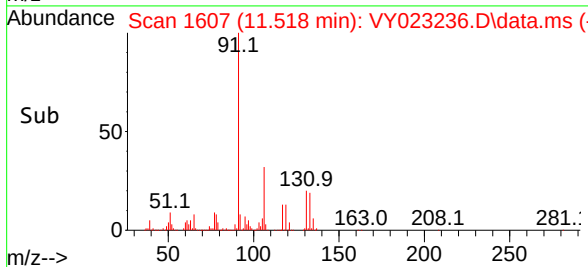
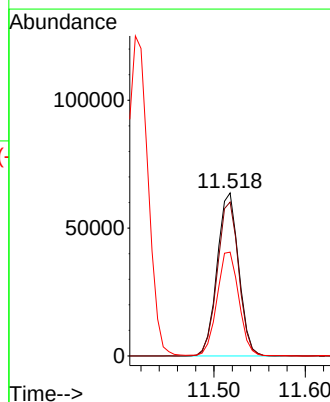
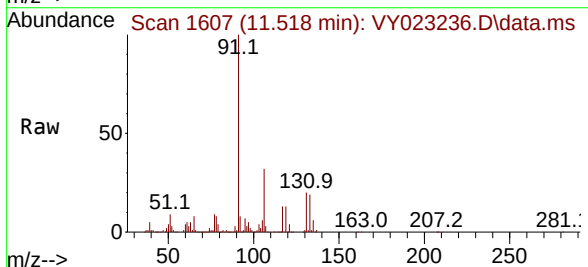
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBSD01

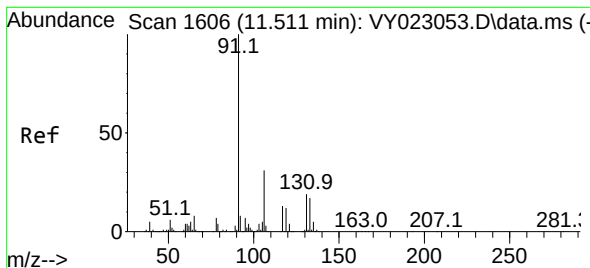
Tgt Ion:112 Resp: 296062
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.446 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion:131 Resp: 104364
Ion Ratio Lower Upper
131 100
133 94.5 46.9 140.6
119 64.9 33.2 99.6





#67

Ethyl Benzene

Concen: 20.494 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

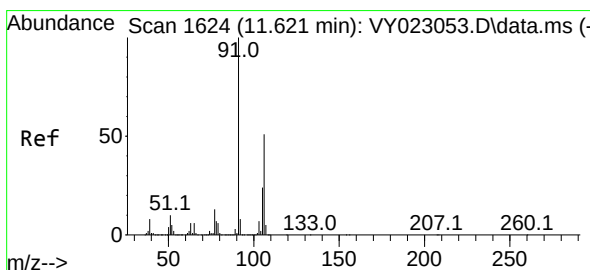
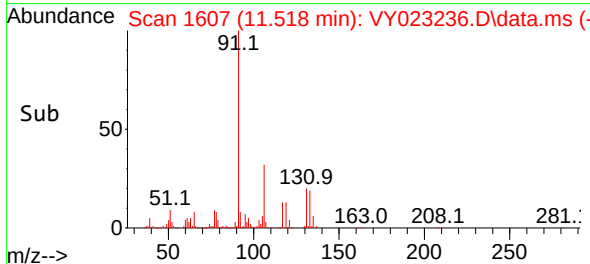
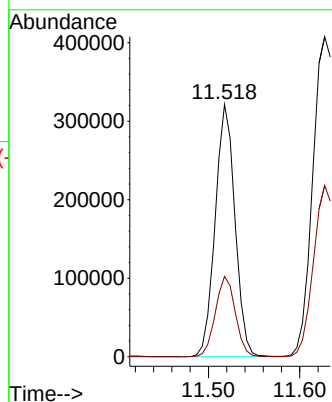
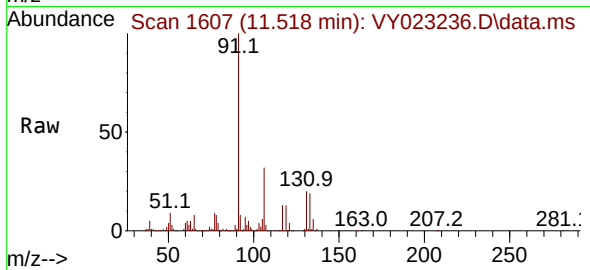
VY0829SBS01

Tgt Ion: 91 Resp: 483172

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 42.279 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023236.D

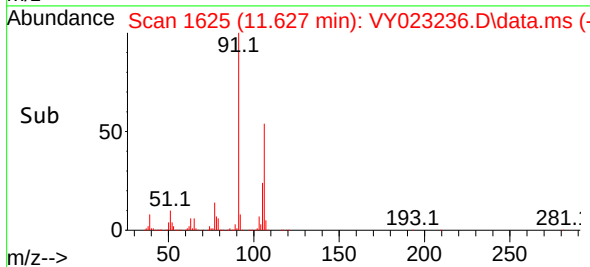
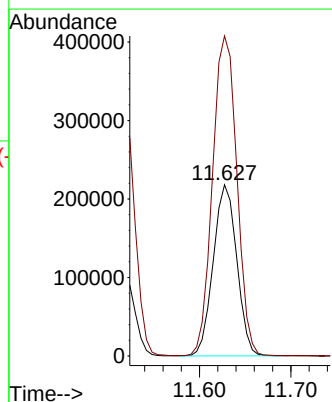
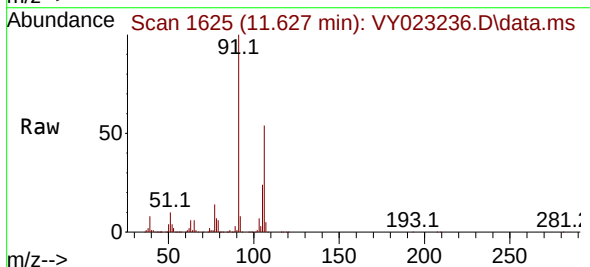
Acq: 29 Aug 2025 10:28

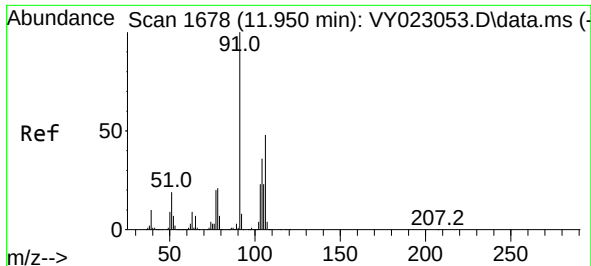
Tgt Ion:106 Resp: 389298

Ion Ratio Lower Upper

106 100

91 193.9 158.6 238.0

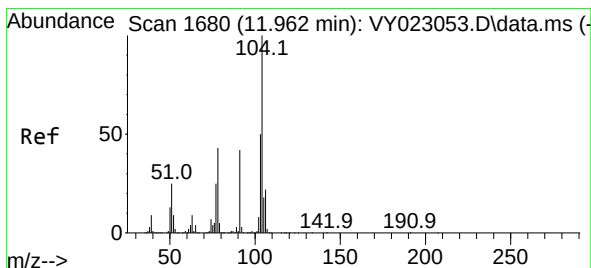
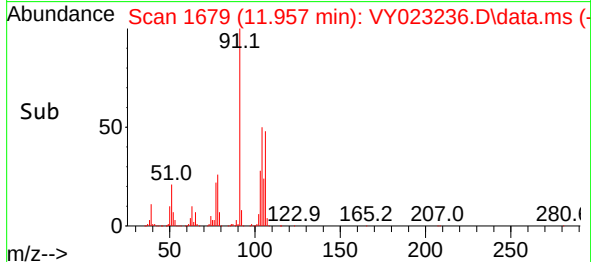
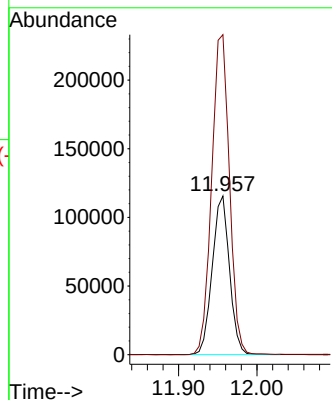
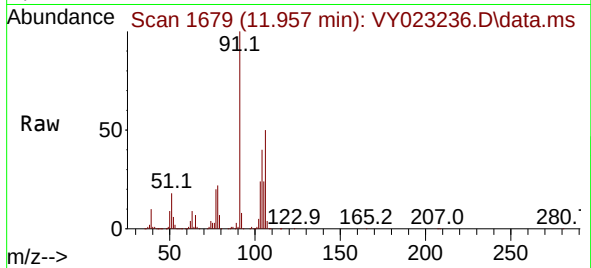




#69
o-Xylene
Concen: 20.463 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

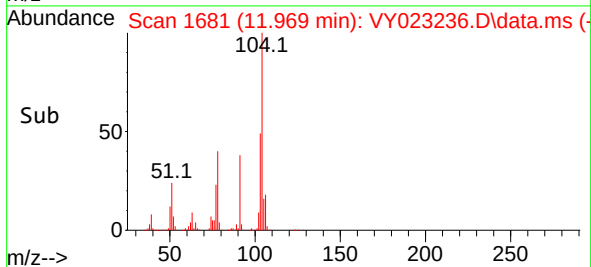
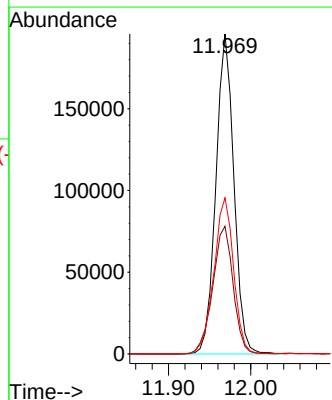
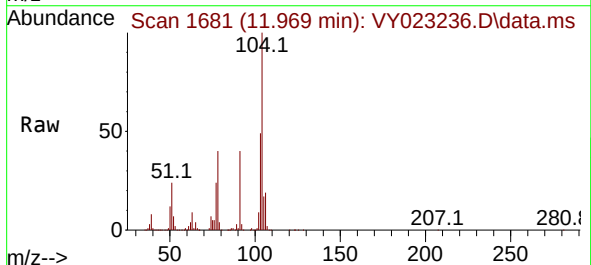
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBSD01

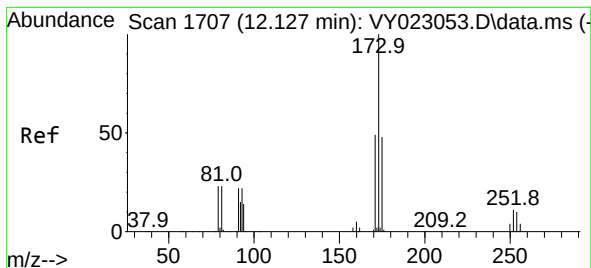
Tgt Ion:106 Resp: 176470
Ion Ratio Lower Upper
106 100
91 208.7 103.2 309.4



#70
Styrene
Concen: 21.138 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion:104 Resp: 298122
Ion Ratio Lower Upper
104 100
78 45.2 38.5 57.7
103 53.7 43.7 65.5





#71

Bromoform

Concen: 22.049 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

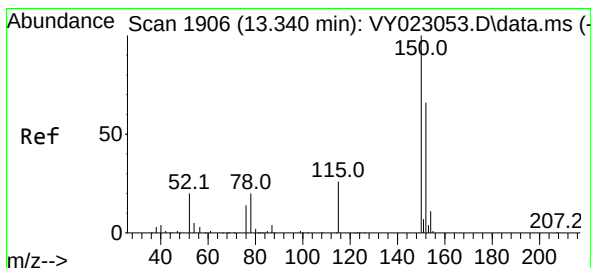
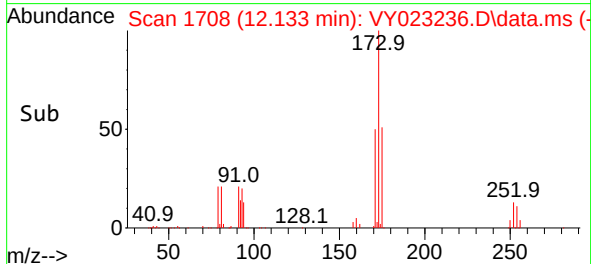
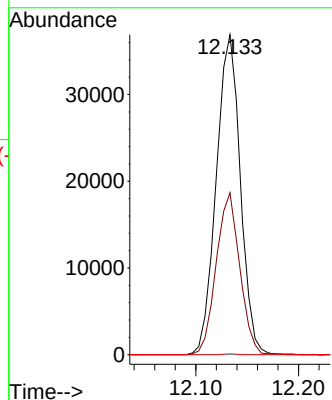
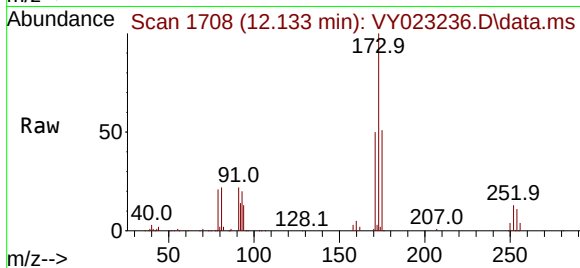
Tgt Ion:173 Resp: 59918

Ion Ratio Lower Upper

173 100

175 49.5 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: VY023236.D

Acq: 29 Aug 2025 10:28

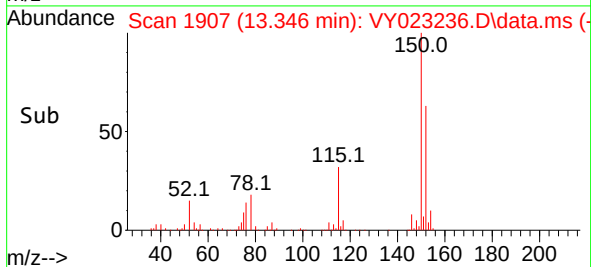
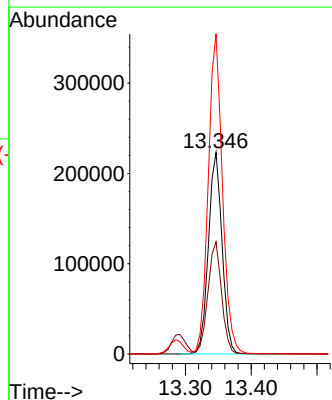
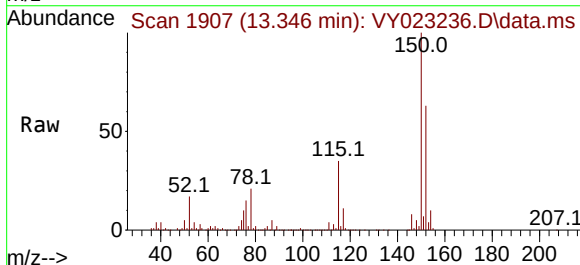
Tgt Ion:152 Resp: 321824

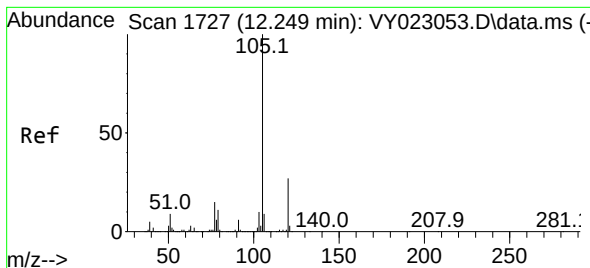
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 165.3 0.0 348.0





#73

Isopropylbenzene

Concen: 20.441 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

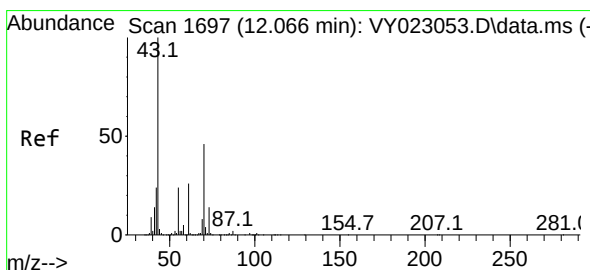
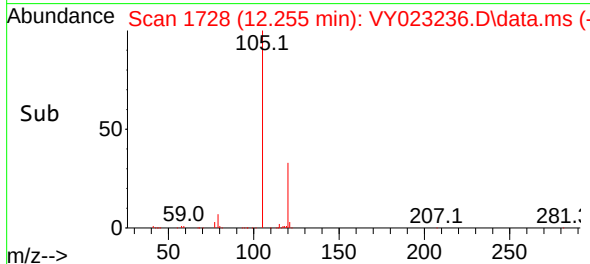
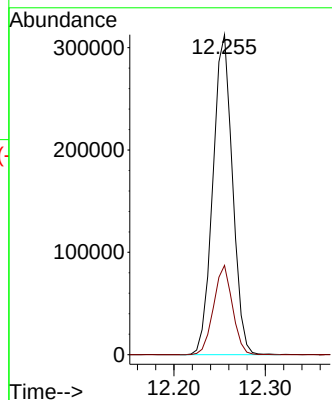
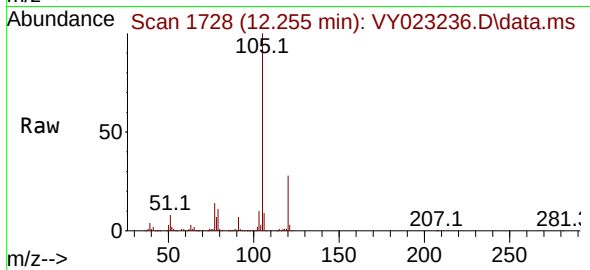
VY0829SBS01

Tgt Ion:105 Resp: 464302

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 17.407 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Tgt Ion: 43 Resp: 83850

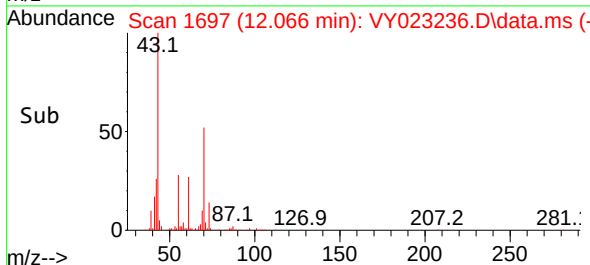
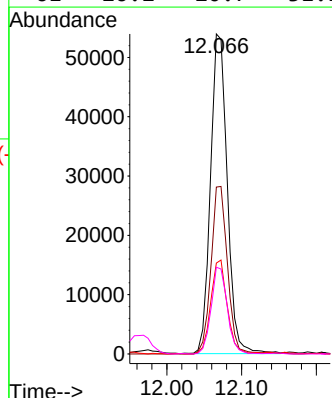
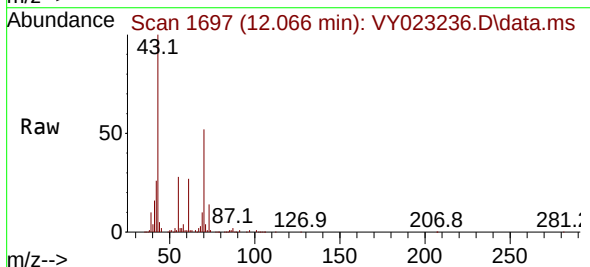
Ion Ratio Lower Upper

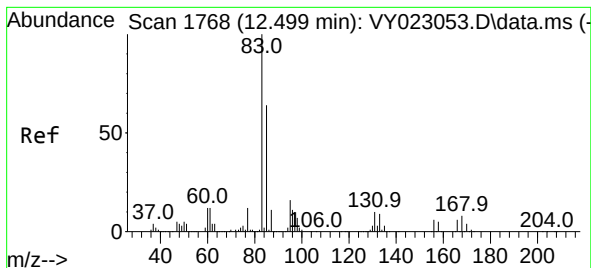
43 100

70 51.3 37.5 56.3

55 28.8 20.7 31.1

61 26.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.907 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

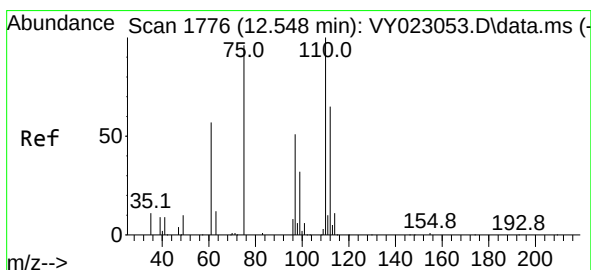
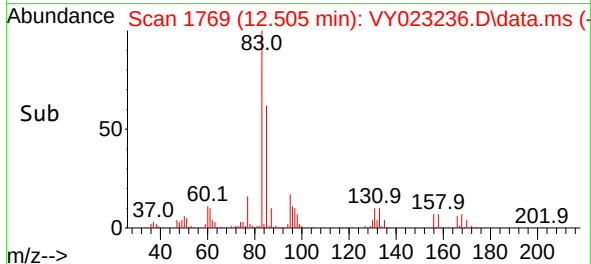
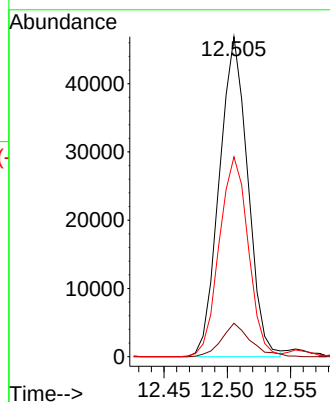
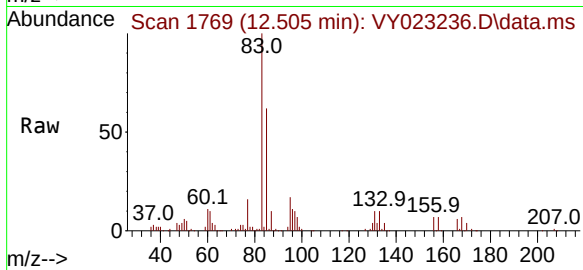
Tgt Ion: 83 Resp: 73329

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.866 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023236.D

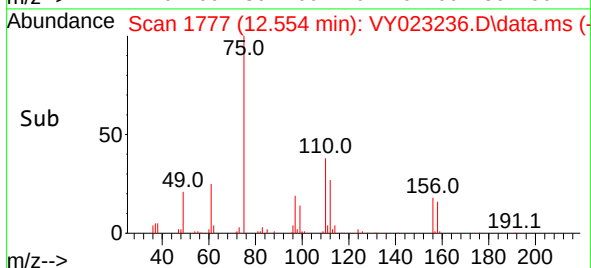
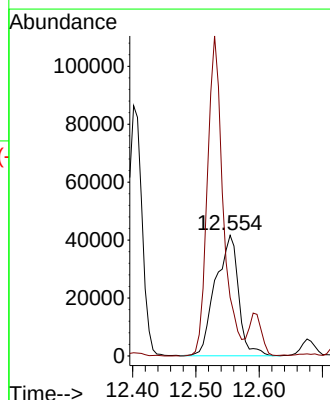
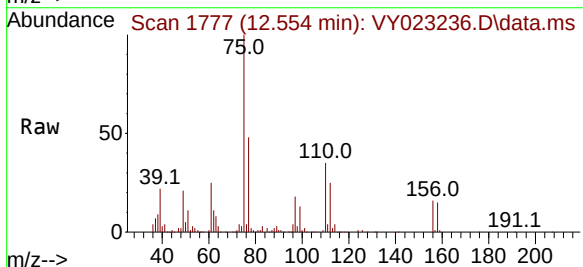
Acq: 29 Aug 2025 10:28

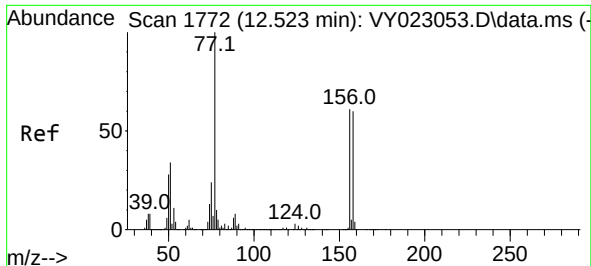
Tgt Ion: 75 Resp: 105186

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

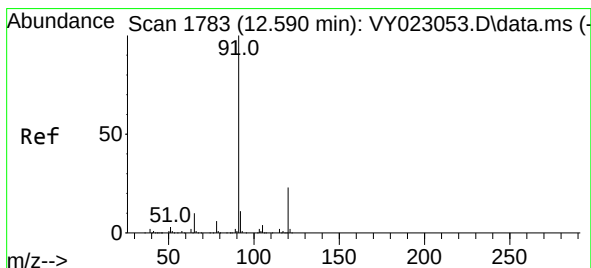
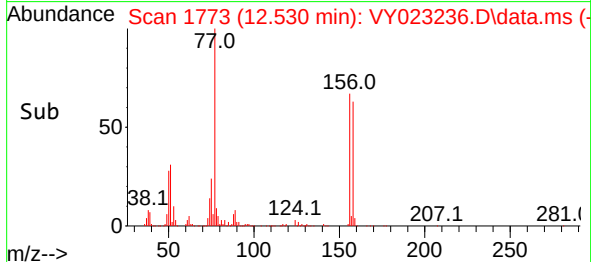
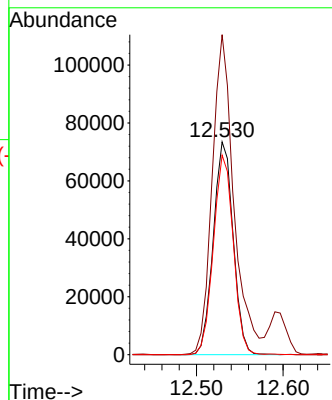
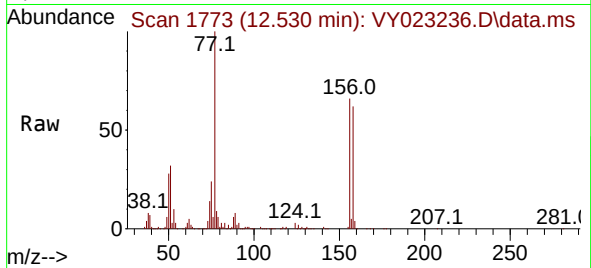




#77
Bromobenzene
Concen: 21.600 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

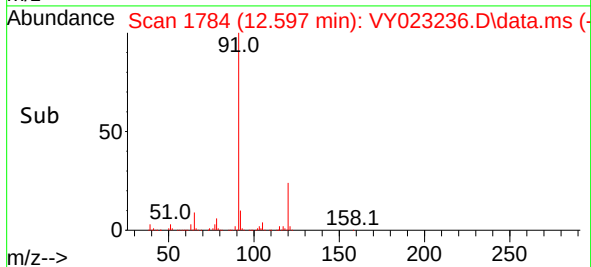
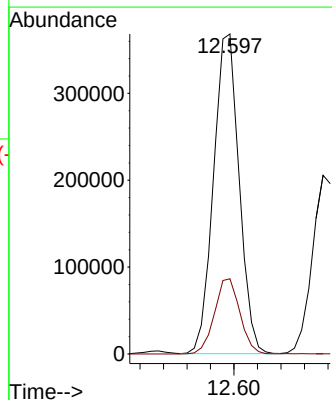
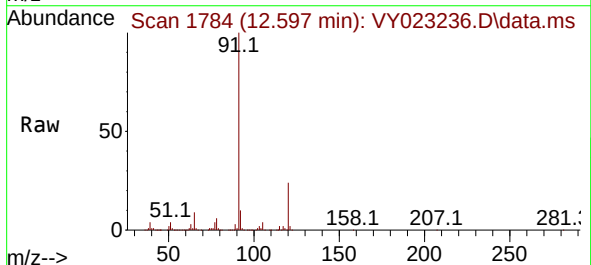
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

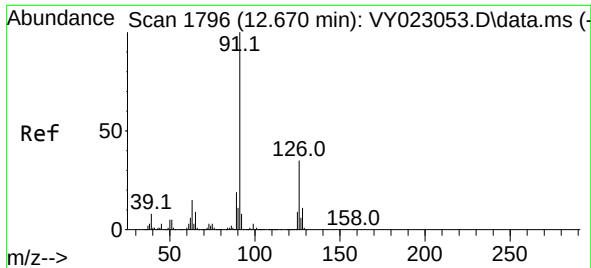
Tgt Ion:156 Resp: 117050
Ion Ratio Lower Upper
156 100
77 163.4 88.1 264.4
158 93.8 48.0 144.0



#78
n-propylbenzene
Concen: 20.586 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 91 Resp: 556705
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

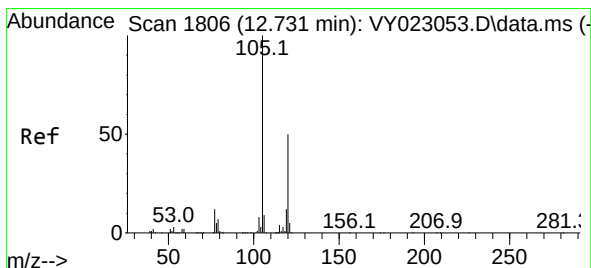
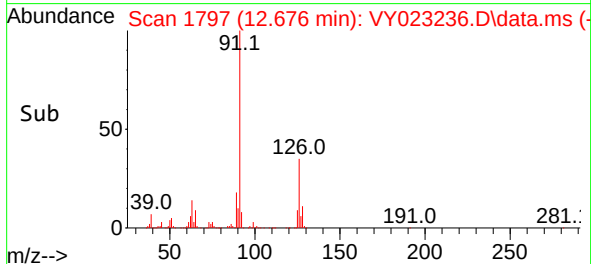
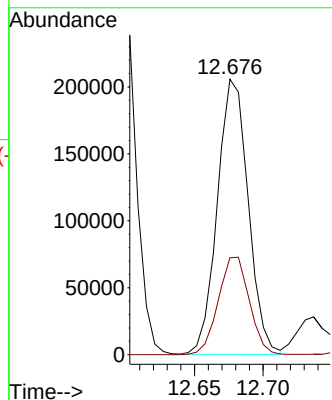
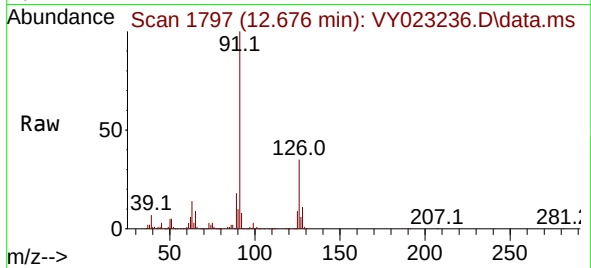




#79
2-Chlorotoluene
Concen: 20.774 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

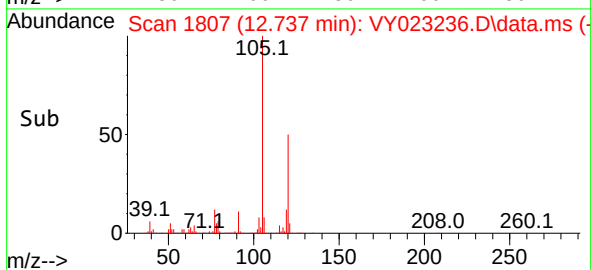
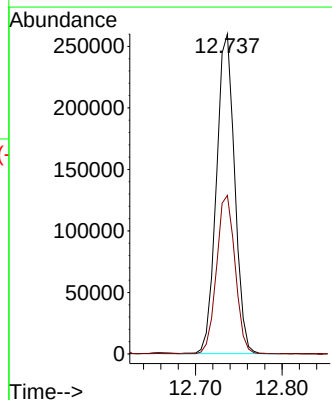
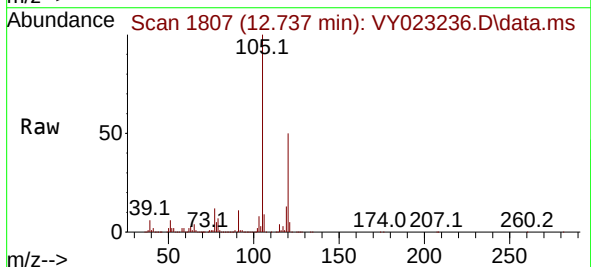
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

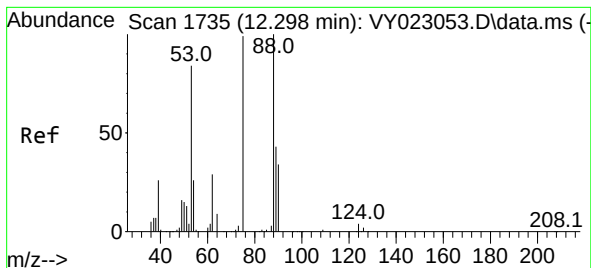
Tgt Ion: 91 Resp: 321870
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.718 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 105 Resp: 380323
Ion Ratio Lower Upper
105 100
120 50.7 24.8 74.4

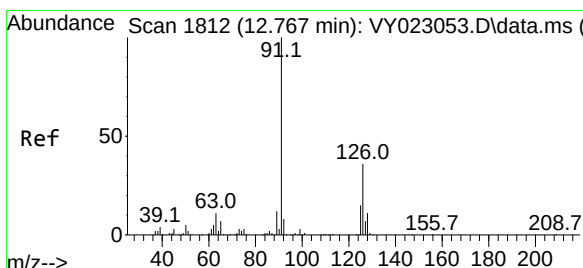
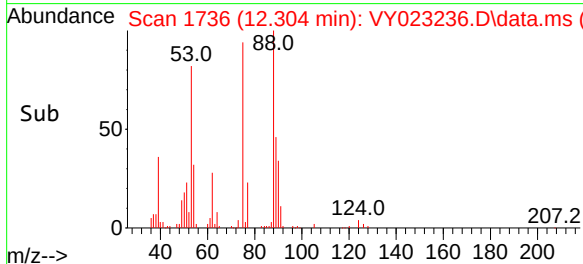
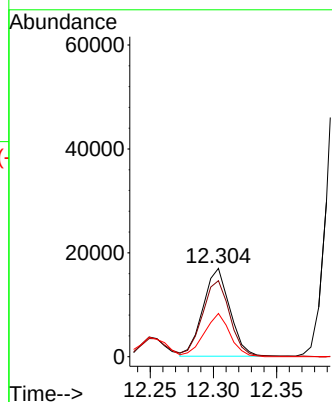
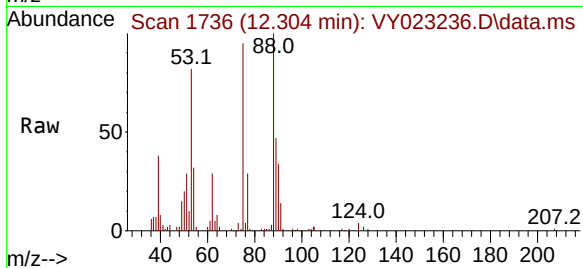




#81
trans-1,4-Dichloro-2-butene
Concen: 19.416 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

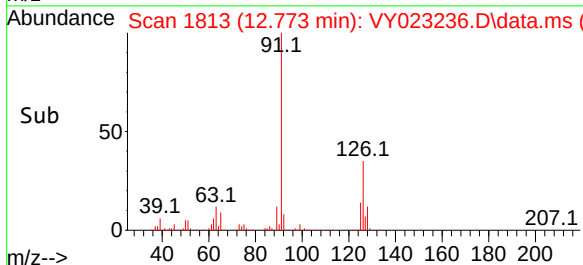
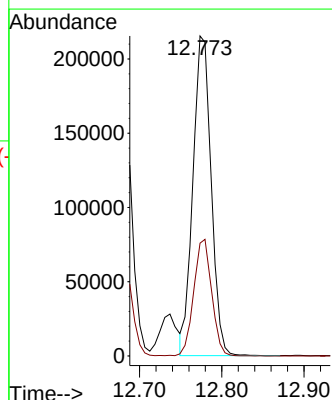
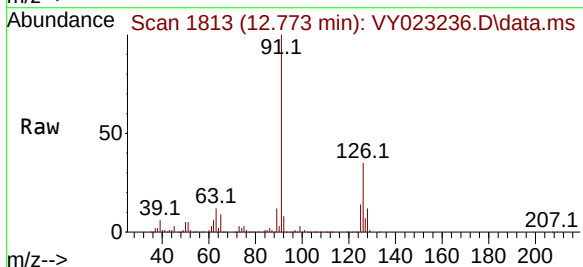
Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

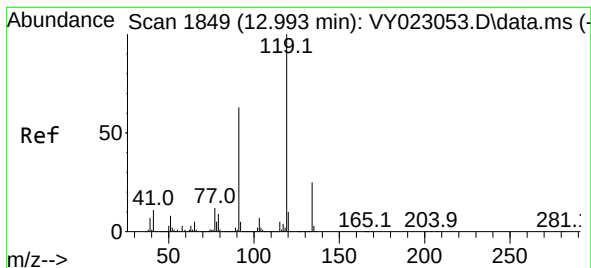
Tgt Ion: 75 Resp: 24912
Ion Ratio Lower Upper
75 100
53 89.8 70.8 106.2
89 47.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.613 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion: 91 Resp: 331313
Ion Ratio Lower Upper
91 100
126 36.1 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.469 ug/l

RT: 12.993 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

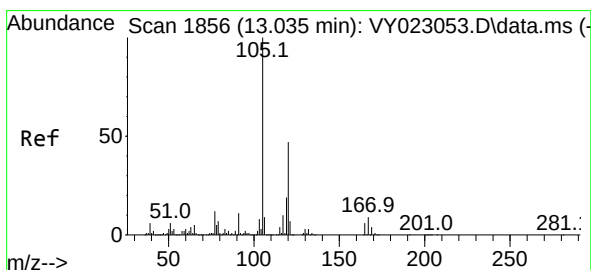
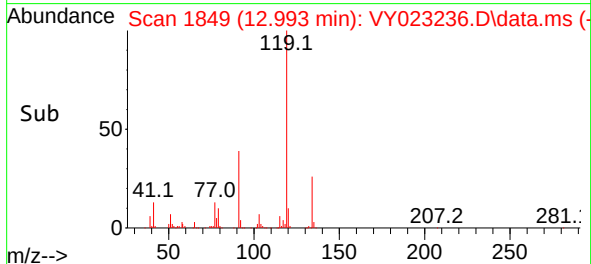
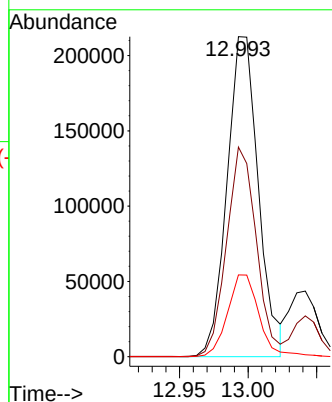
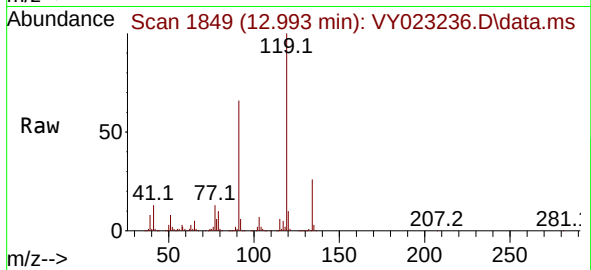
Tgt Ion:119 Resp: 339367

Ion Ratio Lower Upper

119 100

91 62.0 31.6 94.8

134 25.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.608 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023236.D

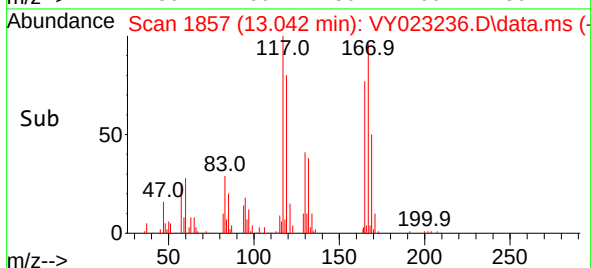
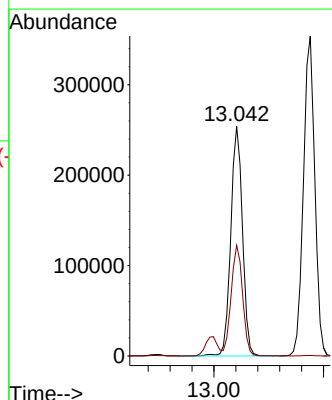
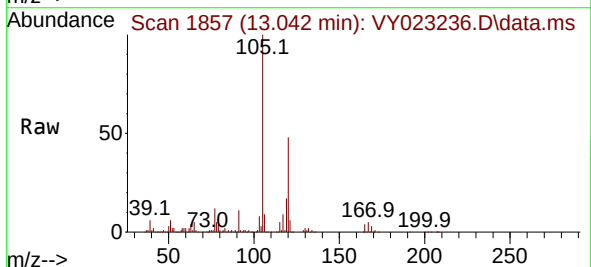
Acq: 29 Aug 2025 10:28

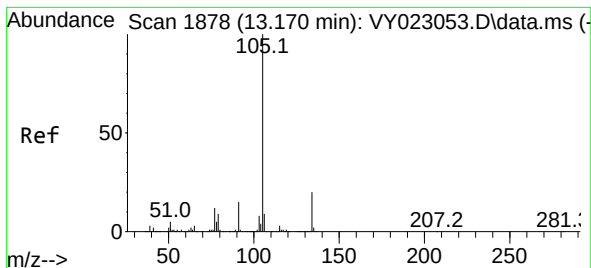
Tgt Ion:105 Resp: 376583

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0

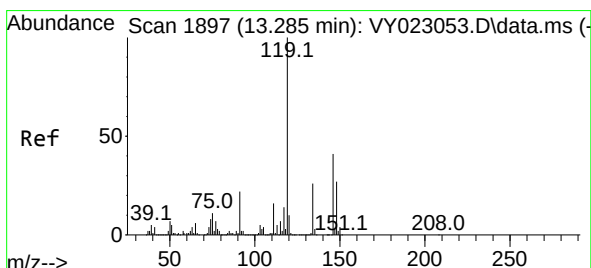
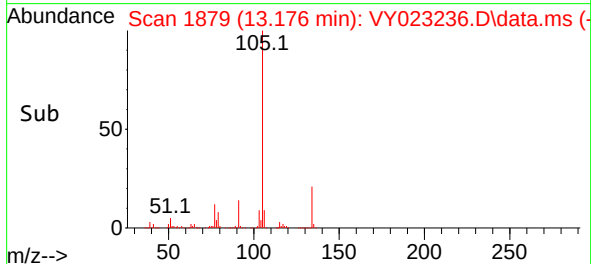
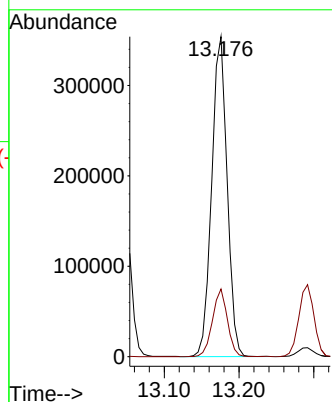
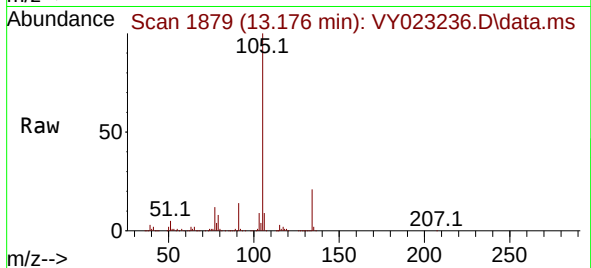




#85
 sec-Butylbenzene
 Concen: 20.849 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023236.D
 Acq: 29 Aug 2025 10:28

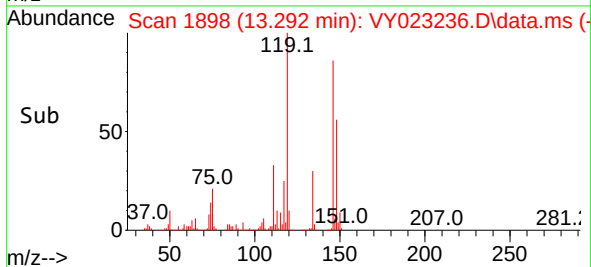
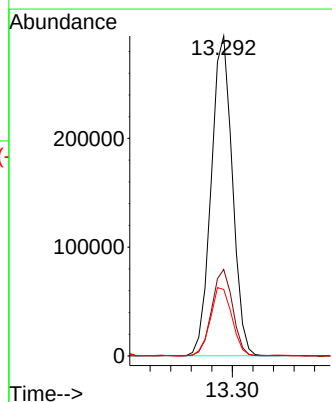
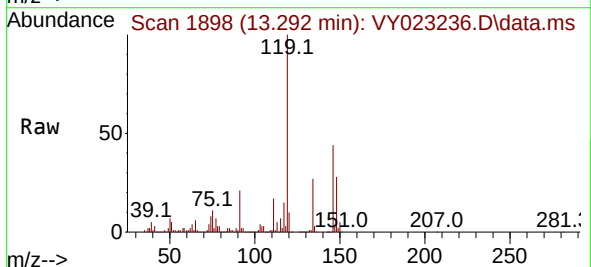
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0829SBSD01

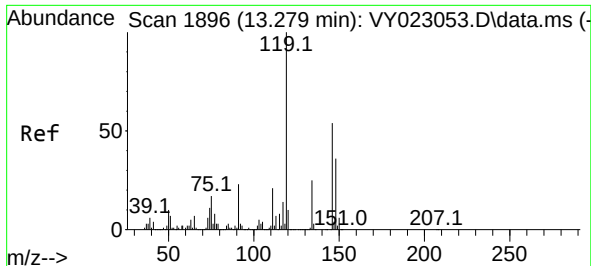
Tgt Ion:105 Resp: 507774
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.720 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023236.D
 Acq: 29 Aug 2025 10:28

Tgt Ion:119 Resp: 418889
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 21.510 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

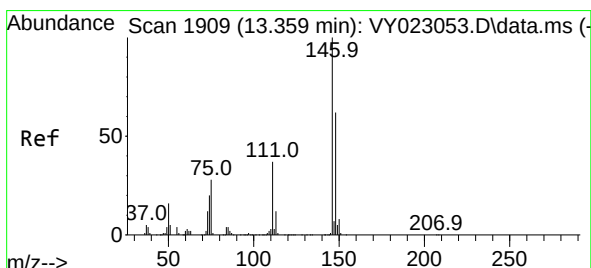
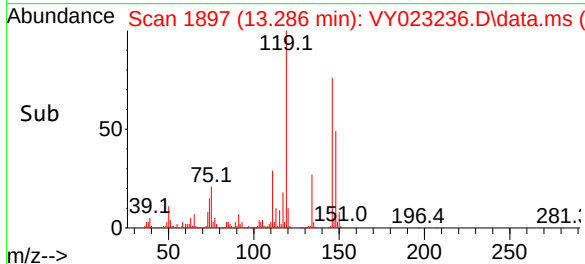
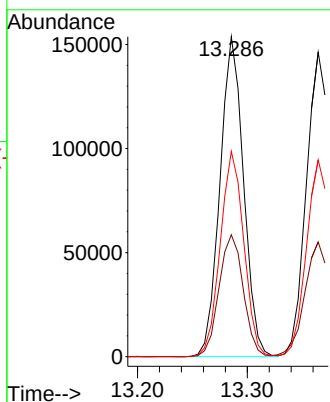
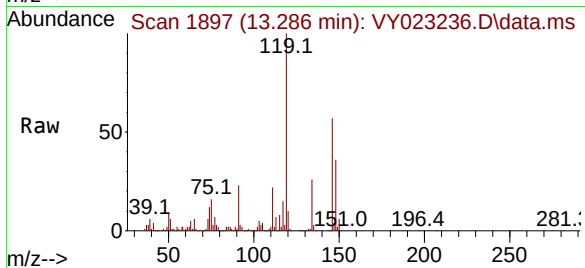
Tgt Ion:146 Resp: 229854

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

148 64.1 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 21.548 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

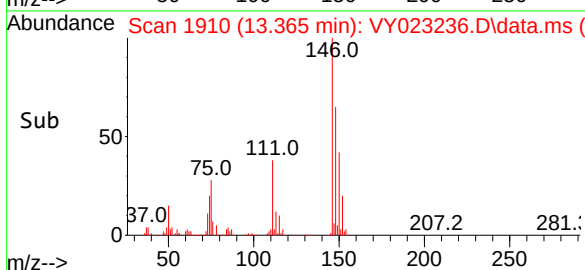
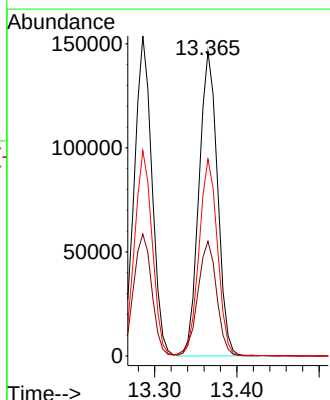
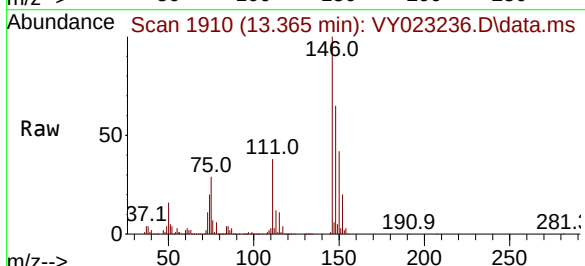
Tgt Ion:146 Resp: 228421

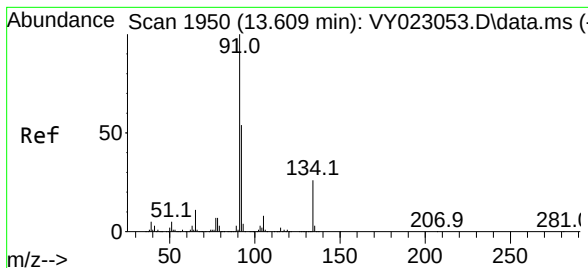
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 19.847 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

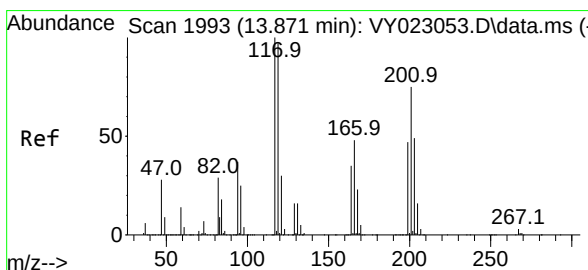
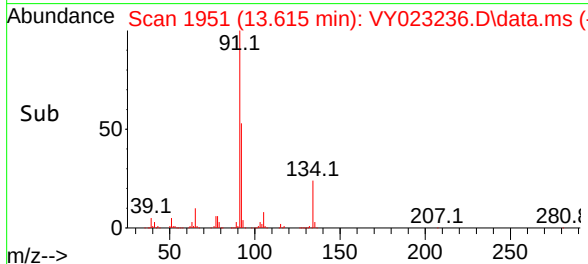
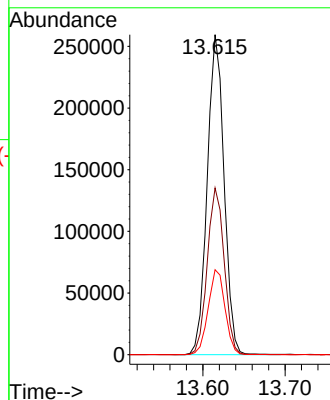
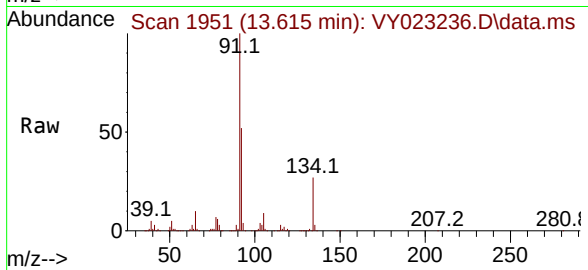
Tgt Ion: 91 Resp: 368515

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.7

134 26.7 13.2 39.5



#90

Hexachloroethane

Concen: 21.513 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023236.D

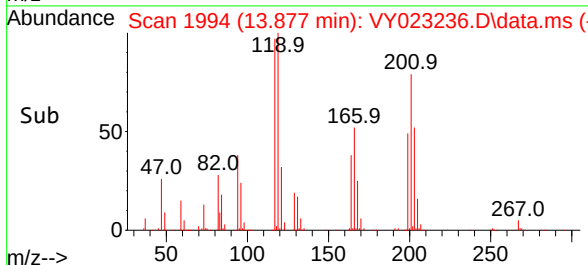
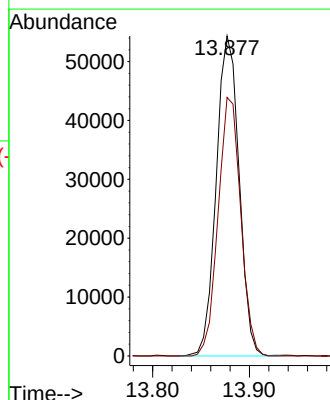
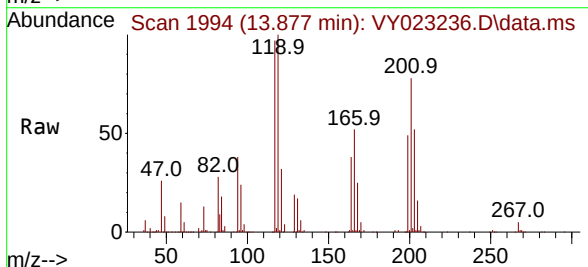
Acq: 29 Aug 2025 10:28

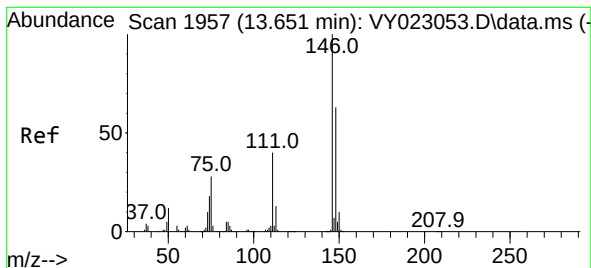
Tgt Ion: 117 Resp: 89030

Ion Ratio Lower Upper

117 100

201 79.9 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 21.732 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

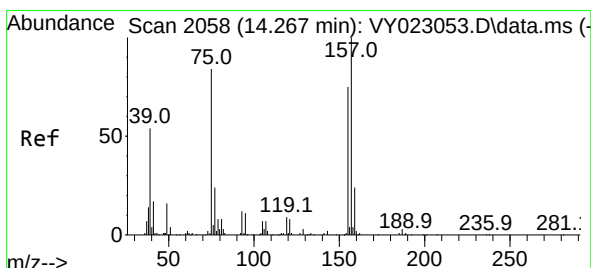
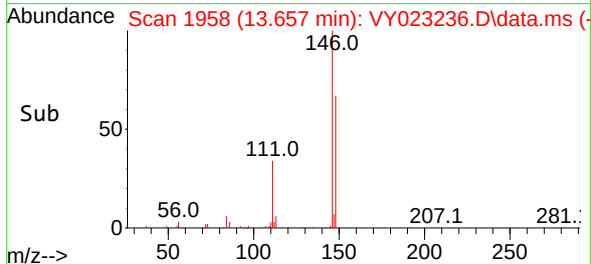
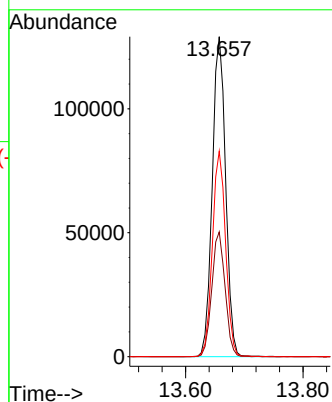
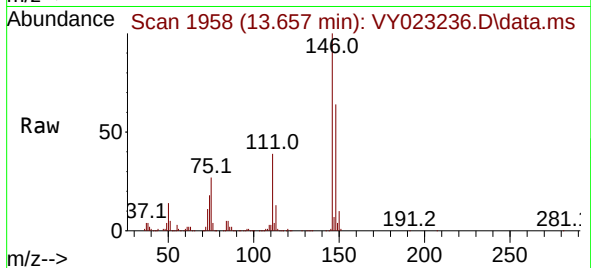
Tgt Ion:146 Resp: 203663

Ion Ratio Lower Upper

146 100

111 38.8 20.3 60.8

148 63.5 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.490 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

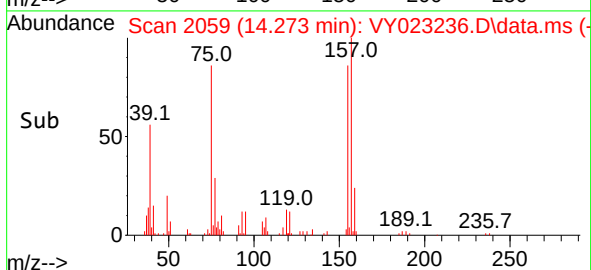
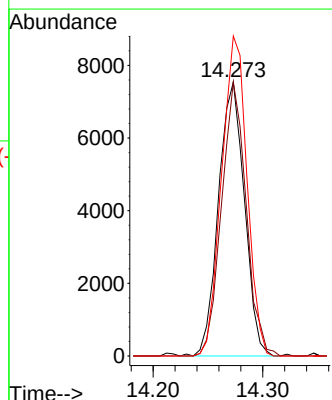
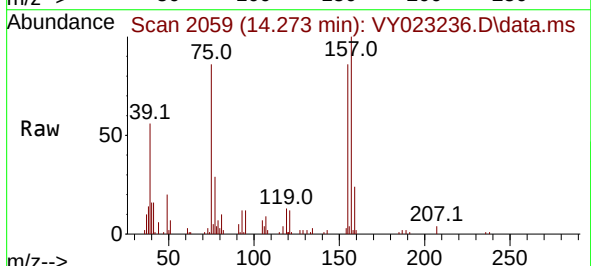
Tgt Ion: 75 Resp: 12373

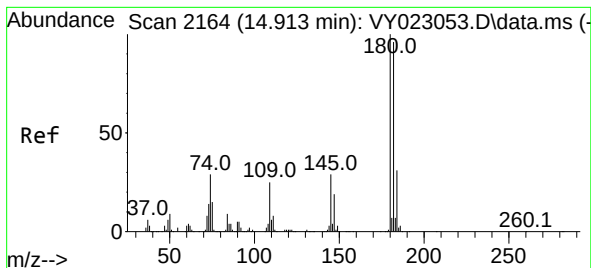
Ion Ratio Lower Upper

75 100

155 95.0 43.9 131.6

157 114.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.622 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0829SBS01

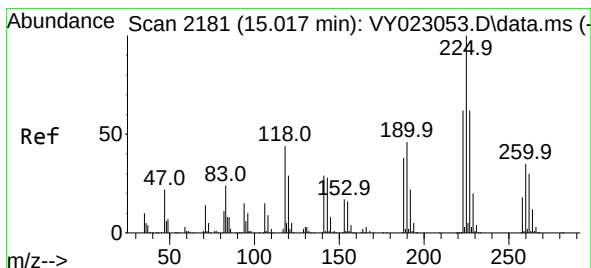
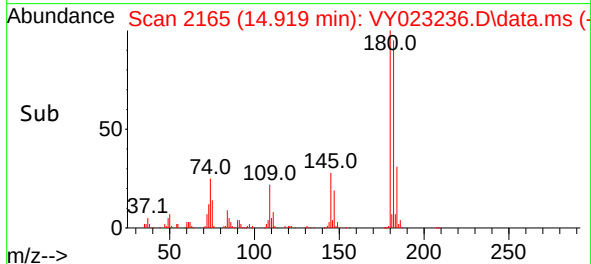
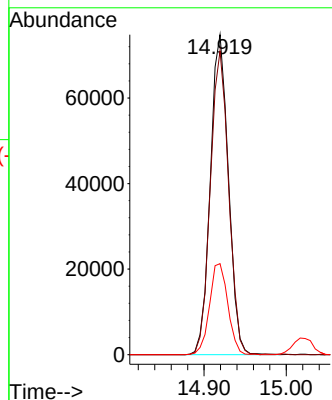
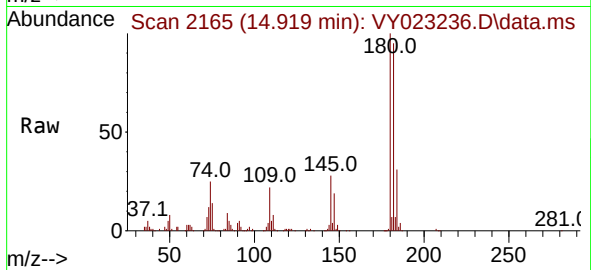
Tgt Ion:180 Resp: 114291

Ion Ratio Lower Upper

180 100

182 95.7 46.8 140.4

145 28.9 14.4 43.4



#94

Hexachlorobutadiene

Concen: 21.899 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023236.D

Acq: 29 Aug 2025 10:28

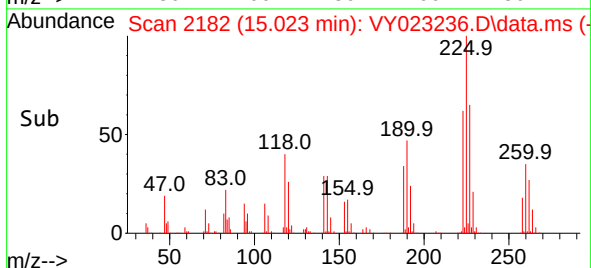
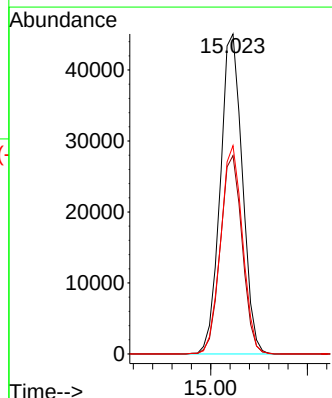
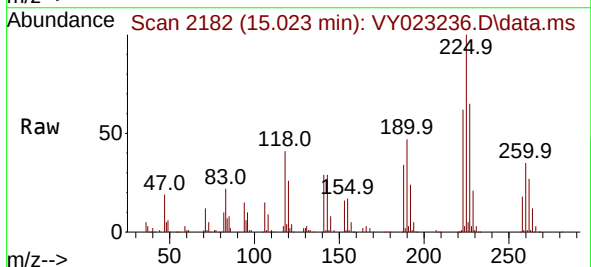
Tgt Ion:225 Resp: 71318

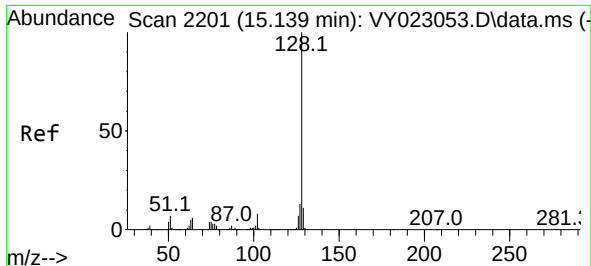
Ion Ratio Lower Upper

225 100

223 61.4 31.3 93.8

227 64.5 31.5 94.5

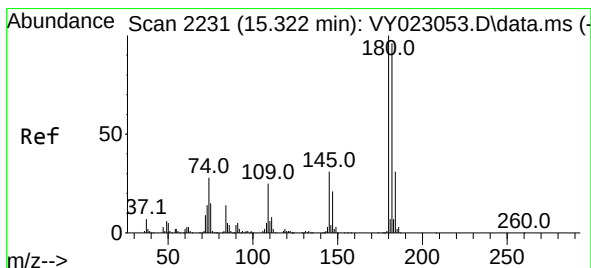
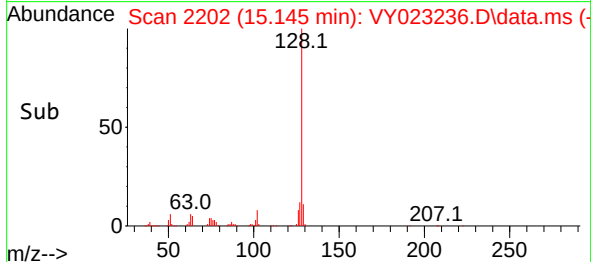
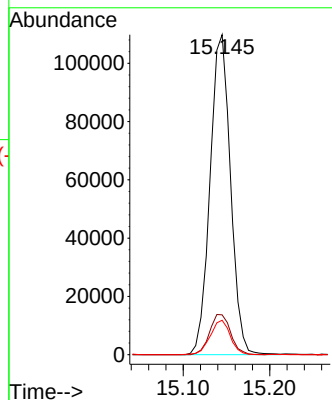
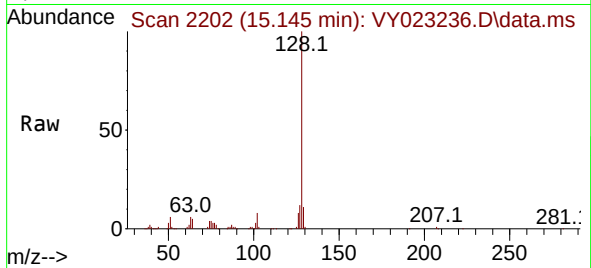




#95
Naphthalene
Concen: 19.091 ug/l
RT: 15.145 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0829SBS01

Tgt Ion:128 Resp: 180414
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 21.006 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023236.D
Acq: 29 Aug 2025 10:28

Tgt Ion:180 Resp: 100318
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 30.6 15.9 47.7

