

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023200.D
 Acq On : 25 Aug 2025 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:43:46 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	7.707	168	511931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	779400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	684220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	354616	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	220021	45.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.634	113	232551	49.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.103	98	895446	49.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.402	95	289617	49.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	174465	41.751	ug/l	97
3) Chloromethane	2.068	50	290505	42.923	ug/l	99
4) Vinyl Chloride	2.202	62	382326	45.698	ug/l	97
5) Bromomethane	2.592	94	293441	46.964	ug/l	96
6) Chloroethane	2.733	64	265830	47.793	ug/l	98
7) Trichlorofluoromethane	3.050	101	474195	46.613	ug/l	98
8) Diethyl Ether	3.452	74	129065	47.954	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	246699	49.155	ug/l	98
10) Methyl Iodide	4.001	142	293085	54.117	ug/l	100
11) Tert butyl alcohol	4.860	59	72101	215.673	ug/l	100
12) 1,1-Dichloroethene	3.787	96	239148	48.478	ug/l	96
13) Acrolein	3.653	56	38265	78.156	ug/l	97
14) Allyl chloride	4.379	41	326807	45.022	ug/l	98
15) Acrylonitrile	5.055	53	262253	239.674	ug/l	100
16) Acetone	3.867	43	282469	267.231	ug/l	97
17) Carbon Disulfide	4.104	76	728636	45.298	ug/l	98
18) Methyl Acetate	4.379	43	139263	44.273	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	615518	48.150	ug/l	100
20) Methylene Chloride	4.610	84	274056	49.890	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	273572	49.347	ug/l	95
22) Diisopropyl ether	6.019	45	746283	47.312	ug/l	99
23) Vinyl Acetate	5.958	43	2080239	238.505	ug/l	99
24) 1,1-Dichloroethane	5.915	63	463627	48.075	ug/l	98
25) 2-Butanone	6.890	43	351028	244.178	ug/l	96
26) 2,2-Dichloropropane	6.884	77	408864	49.134	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	317184	49.490	ug/l	97
28) Bromochloromethane	7.244	49	175839	45.958	ug/l	94
29) Tetrahydrofuran	7.256	42	206335	231.550	ug/l	97
30) Chloroform	7.421	83	486143	48.879	ug/l	95
31) Cyclohexane	7.701	56	392561	43.196	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	430519	48.784	ug/l	100
36) 1,1-Dichloropropene	7.835	75	345711	49.880	ug/l	99
37) Ethyl Acetate	6.982	43	144808	49.737	ug/l	98
38) Carbon Tetrachloride	7.817	117	386437	51.334	ug/l	97
39) Methylcyclohexane	9.110	83	453797	49.720	ug/l	95
40) Benzene	8.079	78	1080385	50.575	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	76772	45.690	ug/l	93
42) 1,2-Dichloroethane	8.159	62	272934	49.126	ug/l	99
43) Isopropyl Acetate	8.195	43	281704	47.872	ug/l	97
44) Trichloroethene	8.866	130	294250	53.302	ug/l	100
45) 1,2-Dichloropropane	9.140	63	249964	50.855	ug/l	98
46) Dibromomethane	9.232	93	147334	52.225	ug/l	98
47) Bromodichloromethane	9.420	83	375361	51.708	ug/l	99
48) Methyl methacrylate	9.219	41	135380	48.077	ug/l	94
49) 1,4-Dioxane	9.232	88	32525	983.254	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	755647	248.943	ug/l	97
52) Toluene	10.170	92	701155	51.679	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	334500	50.886	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	396698	51.034	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	195997	51.920	ug/l	98
56) Ethyl methacrylate	10.439	69	250522	51.863	ug/l	97
57) 1,3-Dichloropropane	10.719	76	327218	51.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	579858	254.487	ug/l	98
59) 2-Hexanone	10.756	43	536194	259.418	ug/l	98
60) Dibromochloromethane	10.908	129	267216	53.646	ug/l	99
61) 1,2-Dibromoethane	11.012	107	186771	52.640	ug/l	99
64) Tetrachloroethene	10.646	164	348666	57.068	ug/l	98
65) Chlorobenzene	11.438	112	771112	52.248	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	268364	53.577	ug/l	99
67) Ethyl Benzene	11.518	91	1323316	52.103	ug/l	98
68) m/p-Xylenes	11.627	106	1050953	105.947	ug/l	98
69) o-Xylene	11.951	106	490700	52.817	ug/l	100
70) Styrene	11.969	104	821780	54.087	ug/l	98
71) Bromoform	12.133	173	158779	54.237	ug/l #	100
73) Isopropylbenzene	12.255	105	1280832	51.175	ug/l	99
74) N-amyl acetate	12.066	43	252987	47.664	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	203707	47.667	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	281773	82.332	ug/l #	100
77) Bromobenzene	12.530	156	306441	51.321	ug/l	95
78) n-propylbenzene	12.597	91	1518966	50.975	ug/l	99
79) 2-Chlorotoluene	12.676	91	861756	50.475	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1032845	51.061	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	67712	47.893	ug/l	99
82) 4-Chlorotoluene	12.774	91	874581	49.380	ug/l	98
83) tert-Butylbenzene	12.993	119	946313	51.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1034114	51.357	ug/l	98
85) sec-Butylbenzene	13.176	105	1387981	51.719	ug/l	100
86) p-Isopropyltoluene	13.292	119	1168412	52.451	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	609915	51.798	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	598510	51.240	ug/l	99
89) n-Butylbenzene	13.615	91	1054705	51.551	ug/l	99
90) Hexachloroethane	13.877	117	234324	51.385	ug/l	96
91) 1,2-Dichlorobenzene	13.658	146	538193	52.117	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31613	47.511	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	312119	51.110	ug/l	98
94) Hexachlorobutadiene	15.023	225	184725	51.477	ug/l	98
95) Naphthalene	15.145	128	535241	51.400	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	268633	51.049	ug/l	99

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QLast Update : Wed Aug 13 02:10:11 2025
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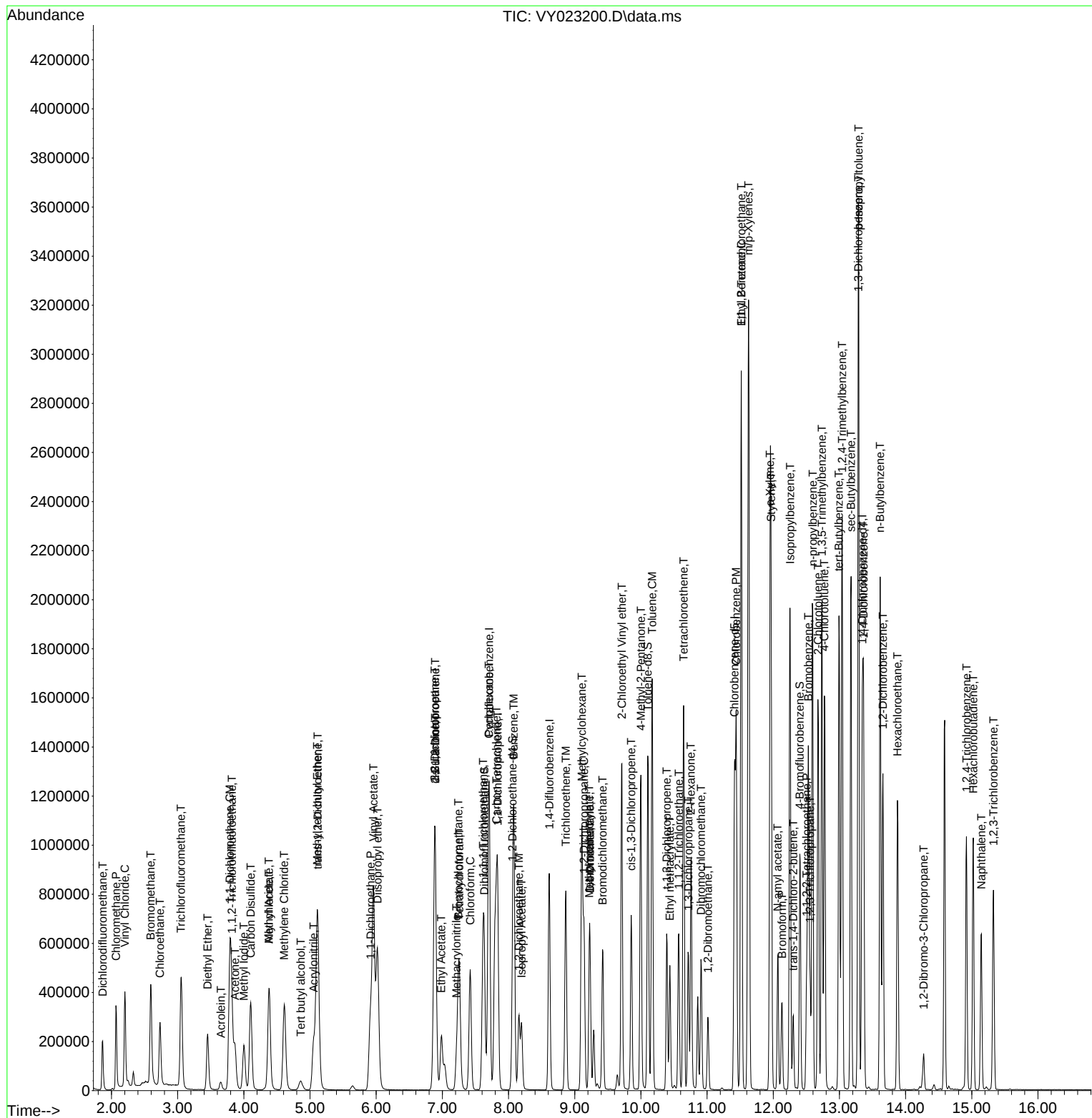
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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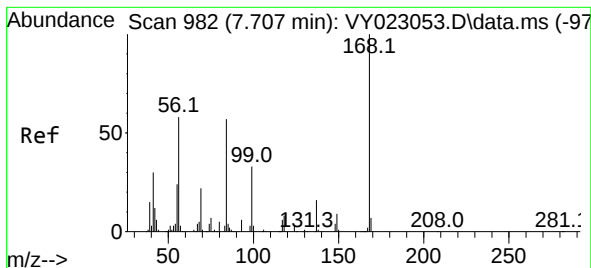
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023200.D

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Instrument :

MSVOA_Y

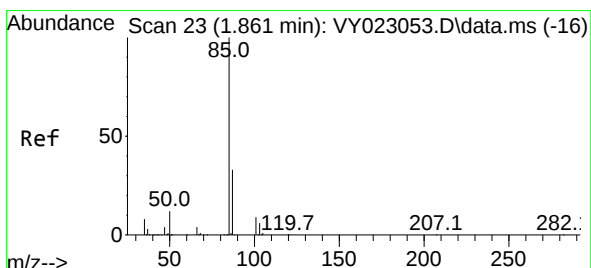
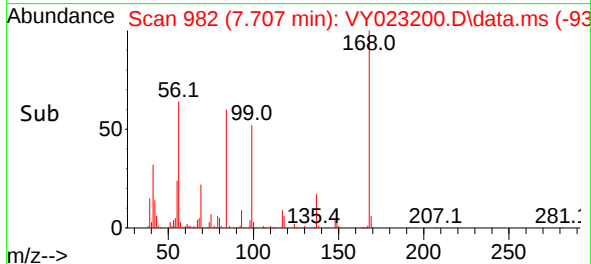
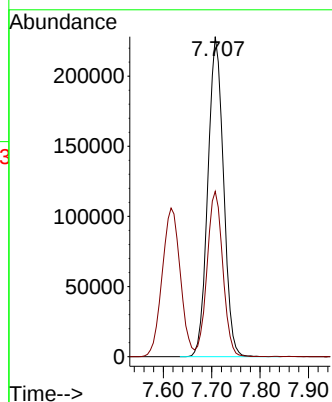
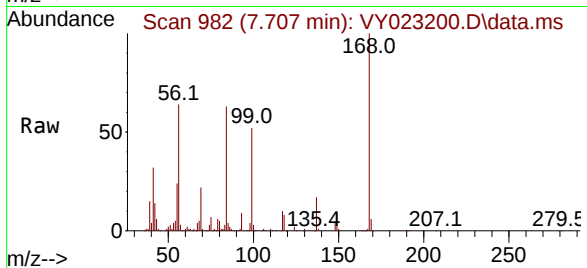
ClientSampleId :

Tgt Ion:168 Resp: 511931

Ion Ratio Lower Upper

168 100

99 51.6 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 41.751 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023200.D

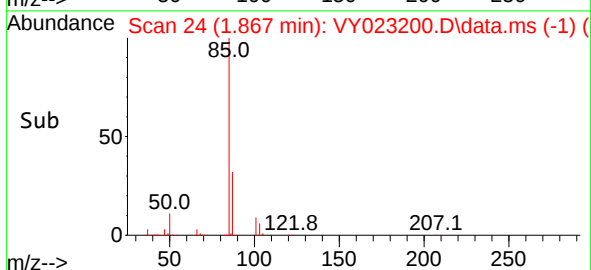
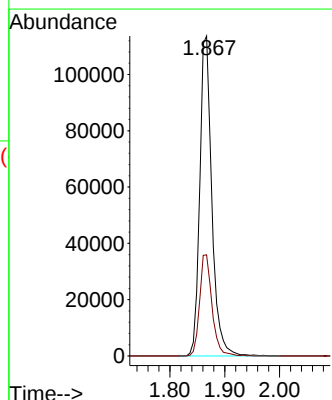
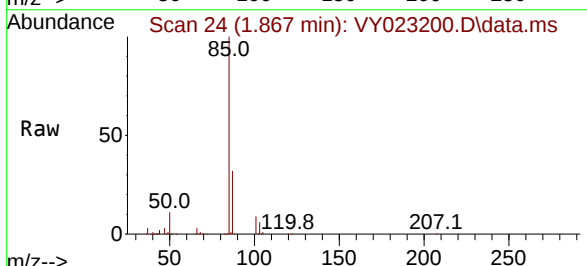
Acq: 25 Aug 2025 09:10

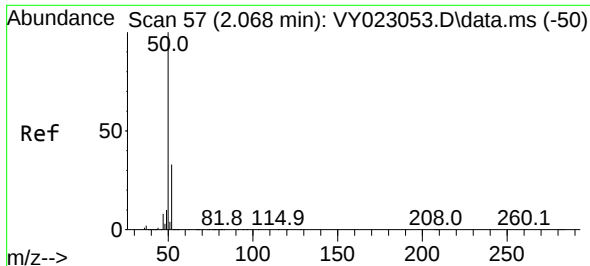
Tgt Ion: 85 Resp: 174465

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.8

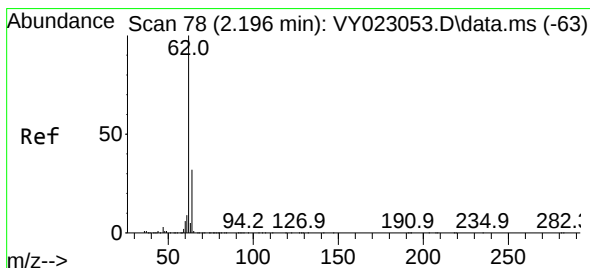
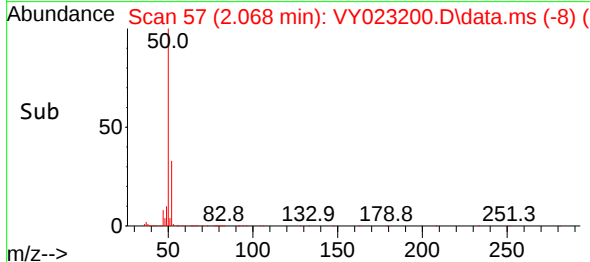
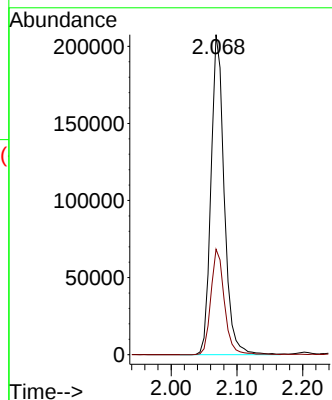
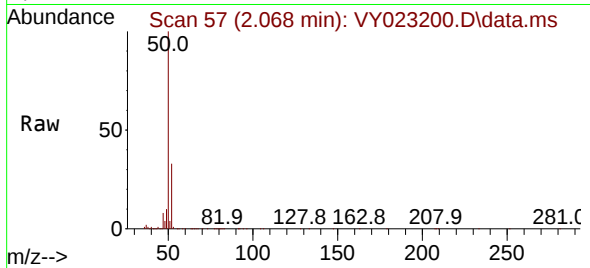




#3
Chloromethane
Concen: 42.923 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023200.D
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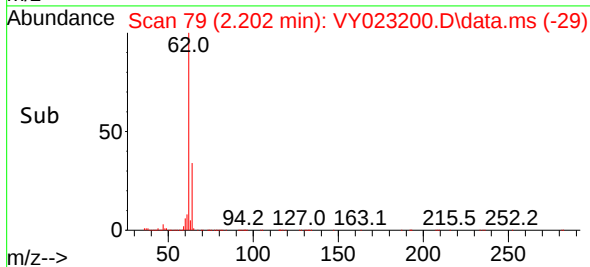
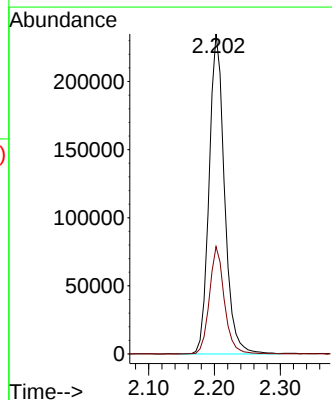
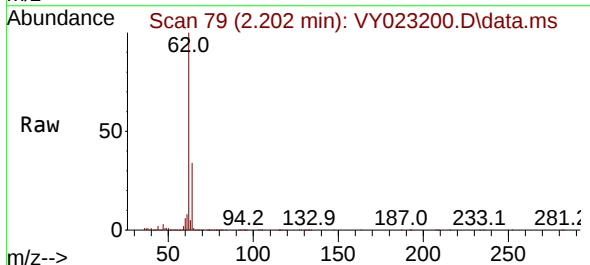
Instrument :
MSVOA_Y
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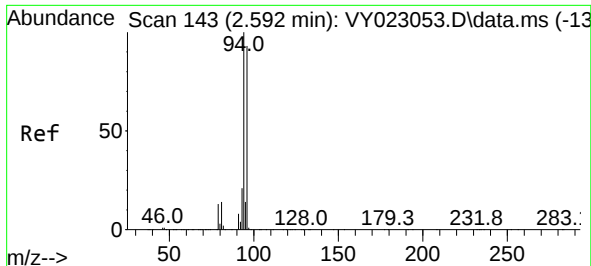
Tgt Ion: 50 Resp: 290505
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 45.698 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 62 Resp: 382326
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

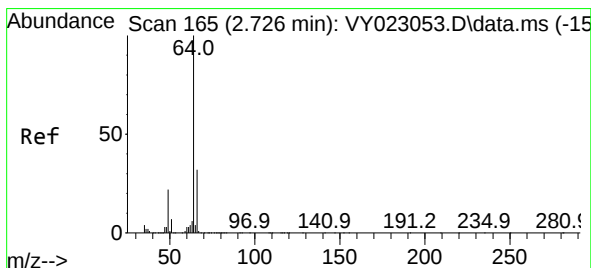
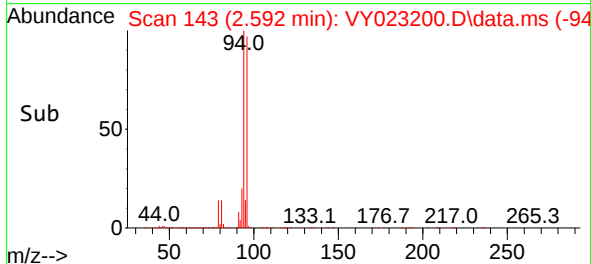
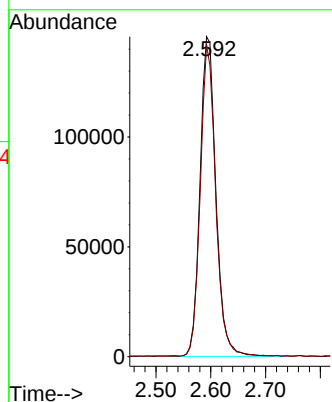
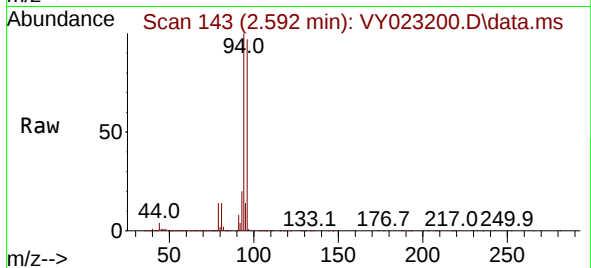




#5
Bromomethane
Concen: 46.964 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023200.D
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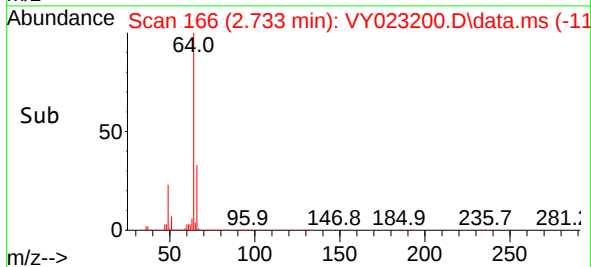
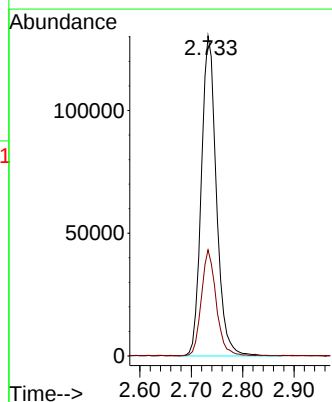
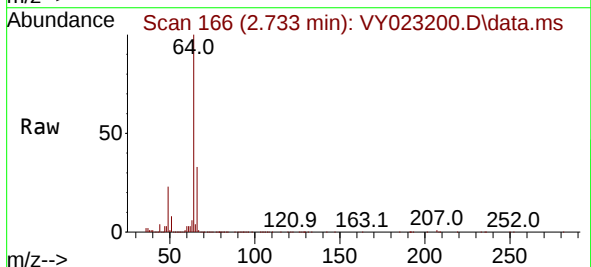
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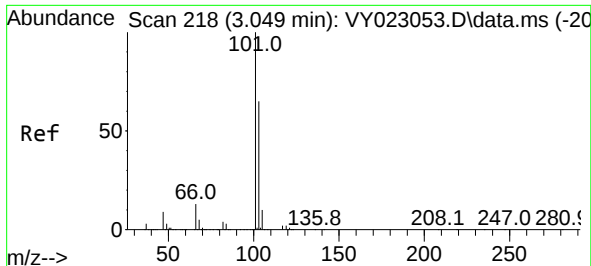
Tgt Ion: 94 Resp: 293441
Ion Ratio Lower Upper
94 100
96 97.2 74.6 112.0



#6
Chloroethane
Concen: 47.793 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 64 Resp: 265830
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.6

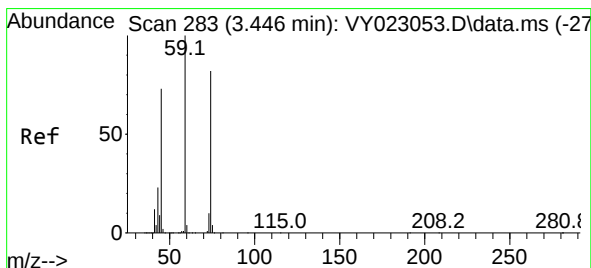
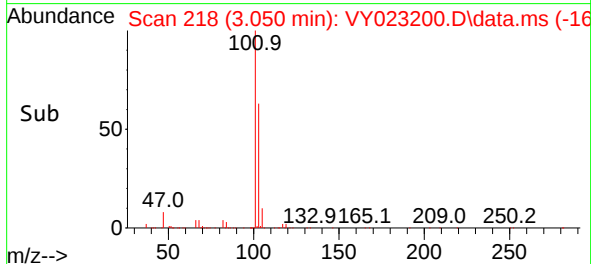
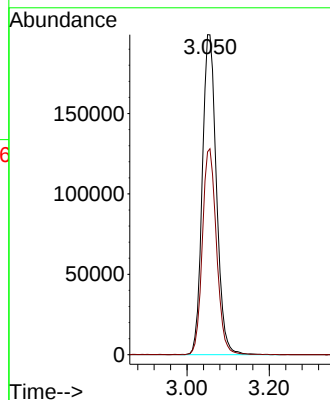
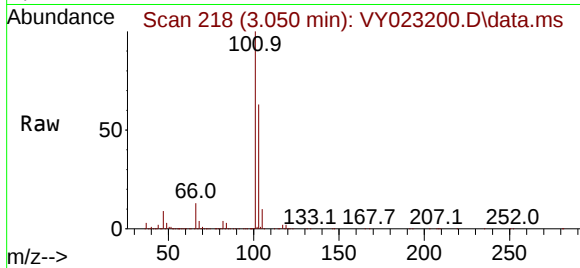




#7
 Trichlorofluoromethane
 Concen: 46.613 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

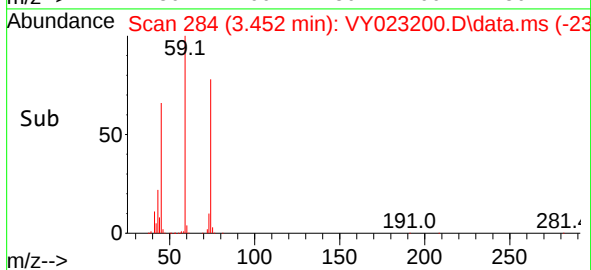
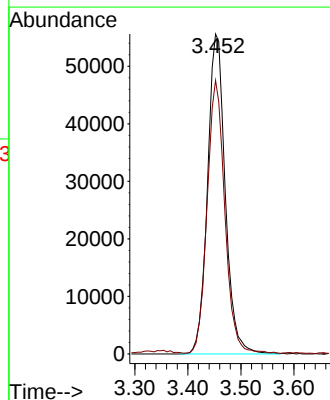
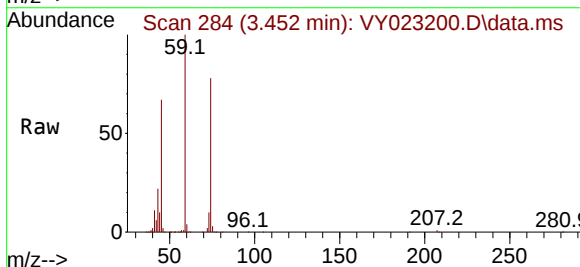
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 474195
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 47.954 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023200.D
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Tgt Ion: 74 Resp: 129065
 Ion Ratio Lower Upper
 74 100
 45 85.2 44.4 133.2

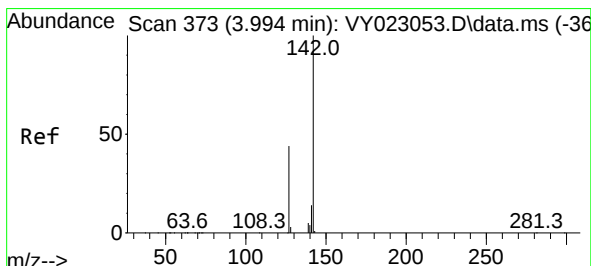
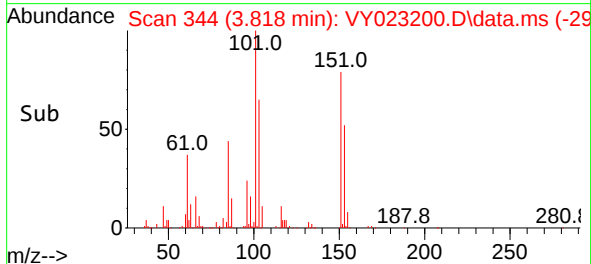
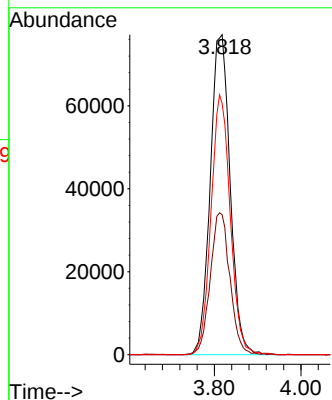
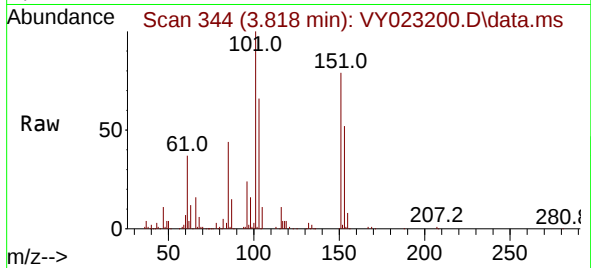




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.155 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

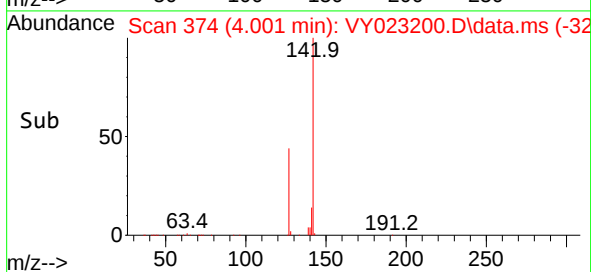
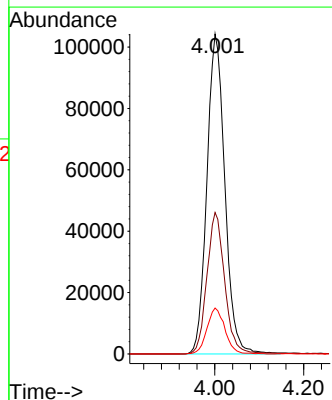
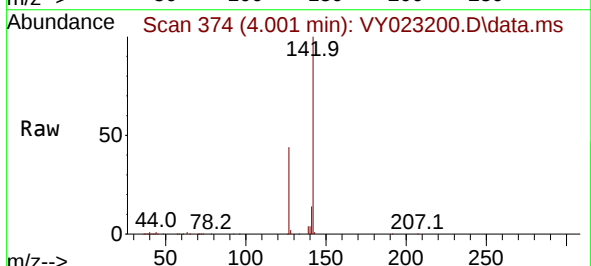
Instrument :
MSVOA_Y
ClientSampleId :

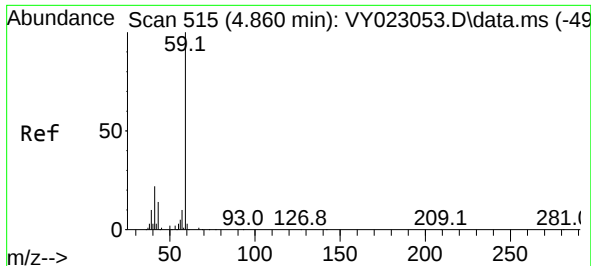
Tgt Ion:101 Resp: 246699
Ion Ratio Lower Upper
101 100
85 43.8 36.3 54.5
151 78.4 61.5 92.3



#10
Methyl Iodide
Concen: 54.117 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:142 Resp: 293085
Ion Ratio Lower Upper
142 100
127 43.8 34.9 52.3
141 14.4 11.3 16.9

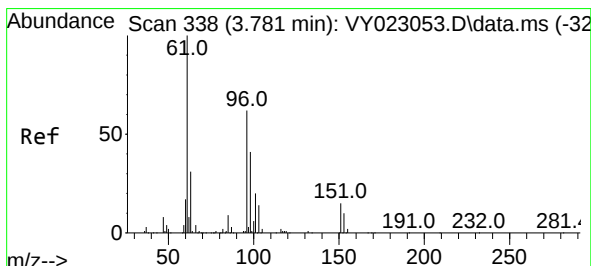
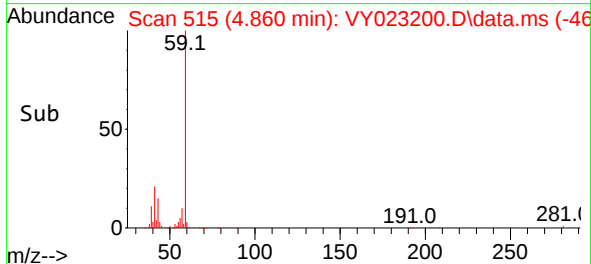
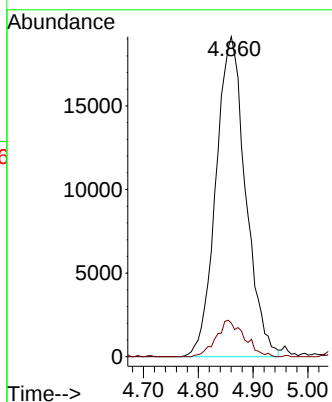
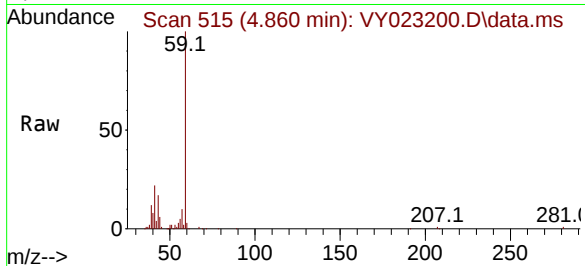




#11
Tert butyl alcohol
Concen: 215.673 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

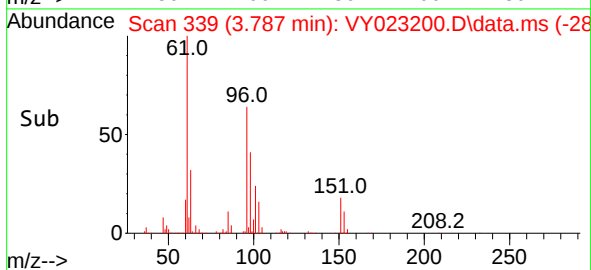
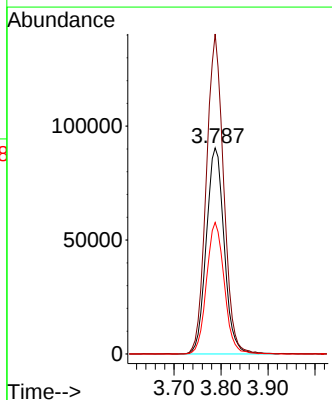
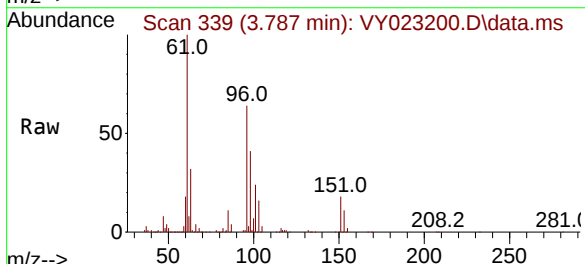
Instrument :
MSVOA_Y
ClientSampleId :

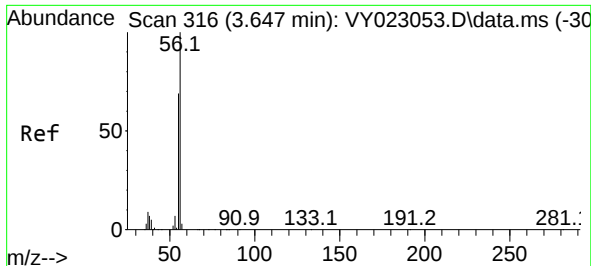
Tgt Ion: 59 Resp: 72101
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.478 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 96 Resp: 239148
Ion Ratio Lower Upper
96 100
61 155.2 129.4 194.2
98 63.8 52.8 79.2





#13

Acrolein

Concen: 78.156 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

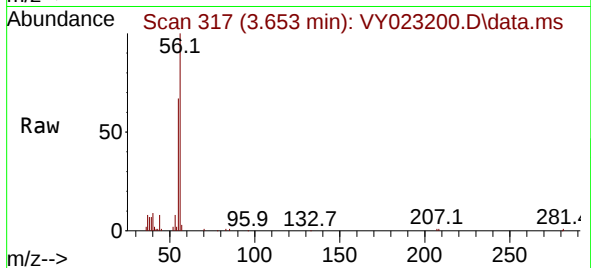
Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

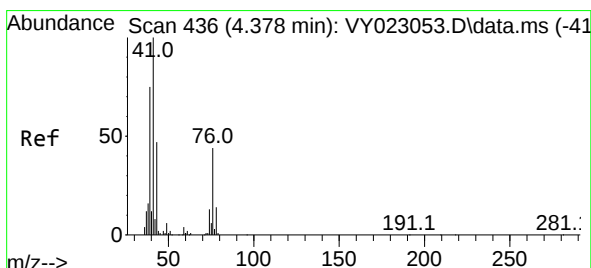
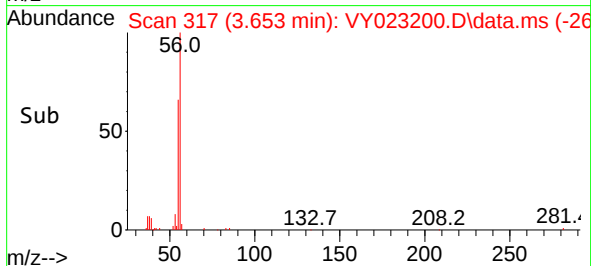
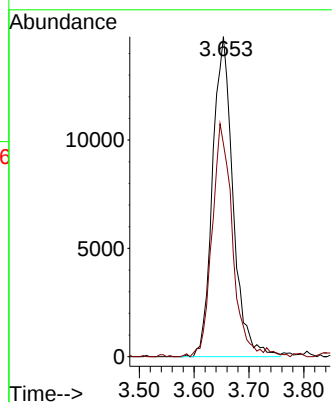


Tgt Ion: 56 Resp: 38265

Ion Ratio Lower Upper

56 100

55 71.7 55.2 82.8



#14

Allyl chloride

Concen: 45.022 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

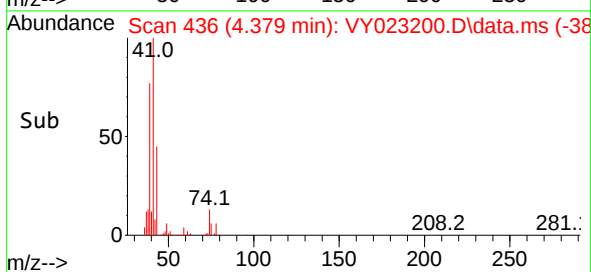
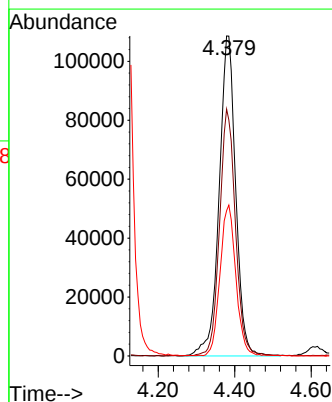
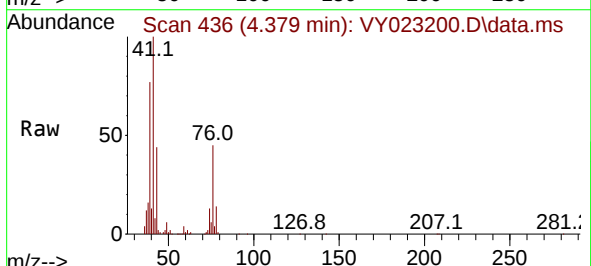
Tgt Ion: 41 Resp: 326807

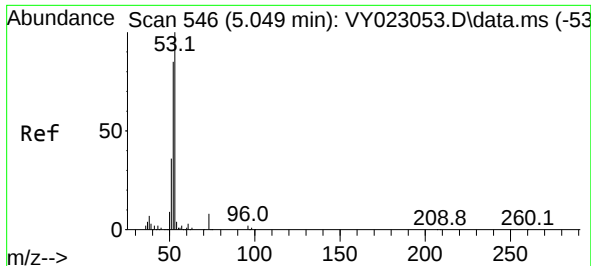
Ion Ratio Lower Upper

41 100

39 74.2 59.8 89.6

76 45.2 33.7 50.5

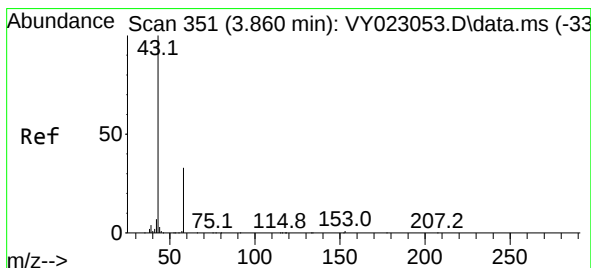
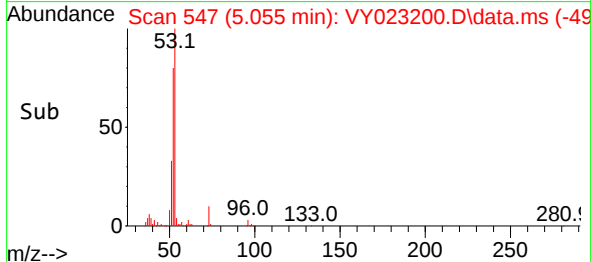
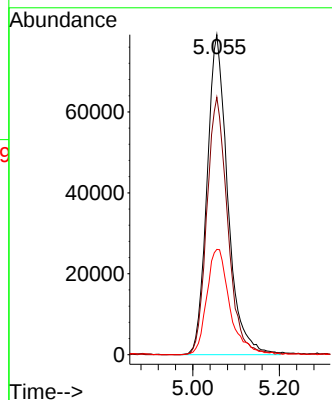
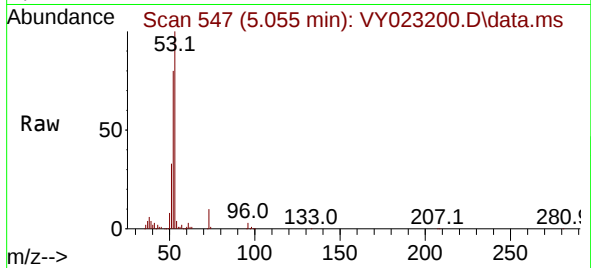




#15
Acrylonitrile
Concen: 239.674 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

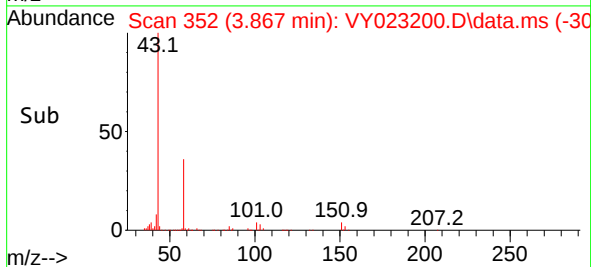
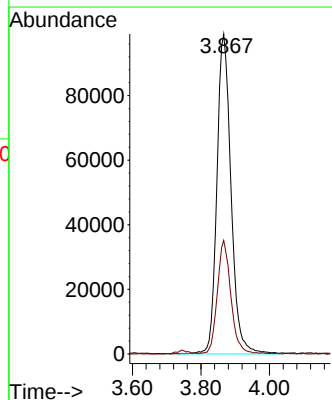
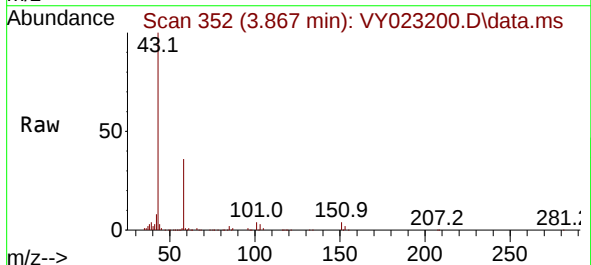
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 262253
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.8 29.5 44.3



#16
Acetone
Concen: 267.231 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 43 Resp: 282469
Ion Ratio Lower Upper
43 100
58 35.4 27.1 40.7

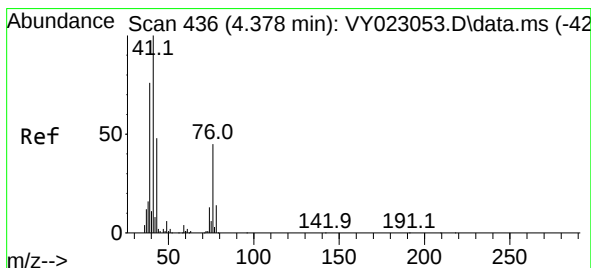
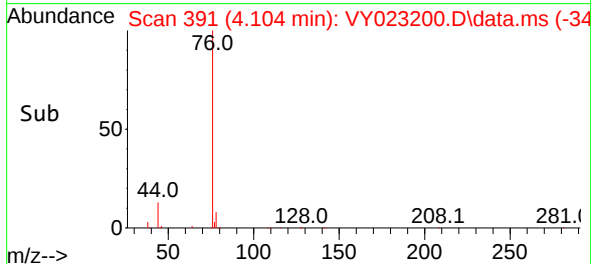
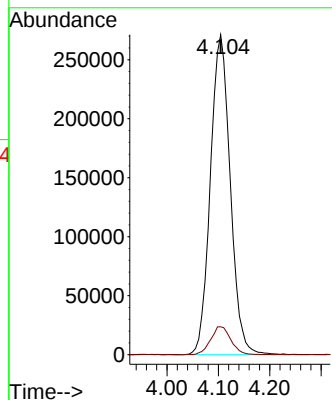
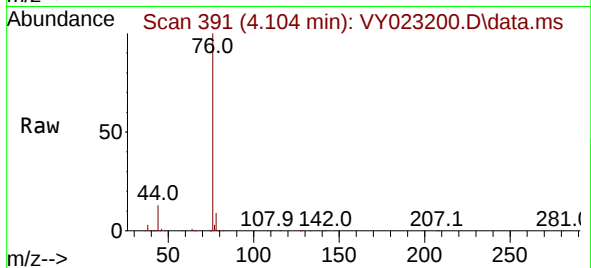




#17
Carbon Disulfide
Concen: 45.298 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

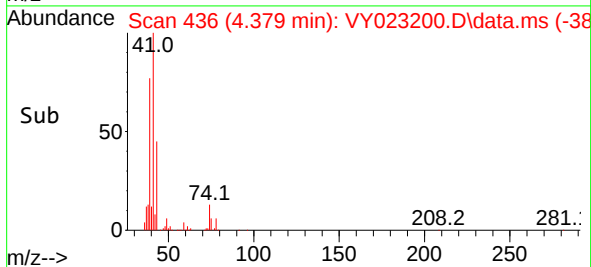
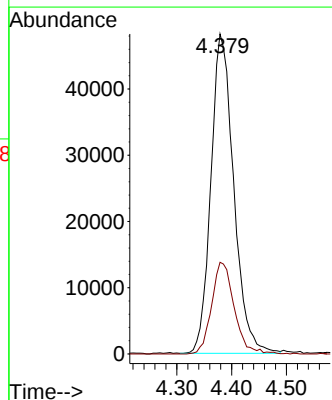
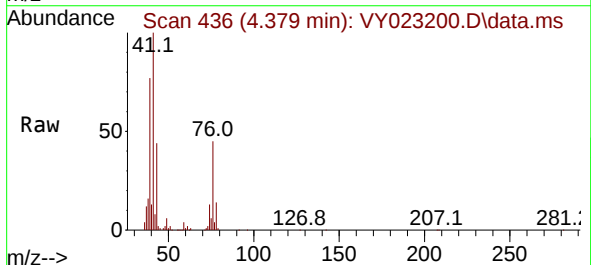
Instrument :
MSVOA_Y
ClientSampleId :

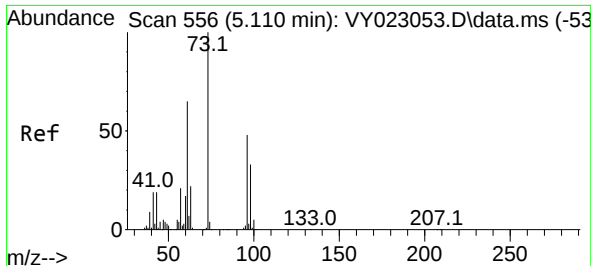
Tgt Ion: 76 Resp: 728636
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 44.273 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 43 Resp: 139263
Ion Ratio Lower Upper
43 100
74 28.4 21.2 31.8

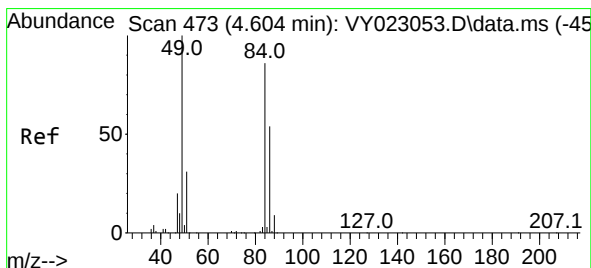
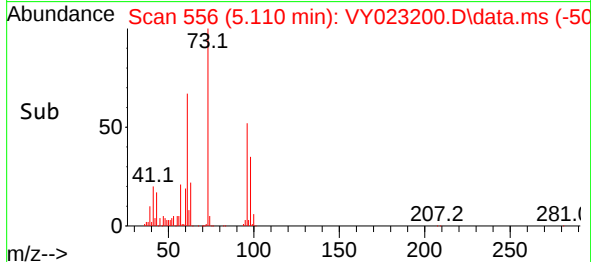
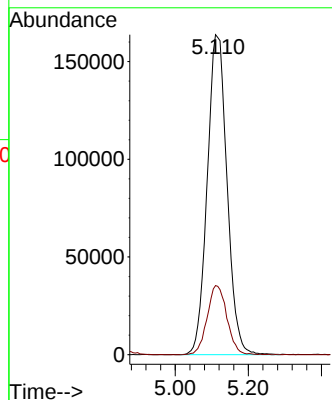
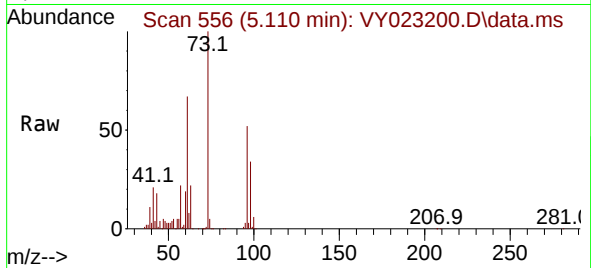




#19
Methyl tert-butyl Ether
Concen: 48.150 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

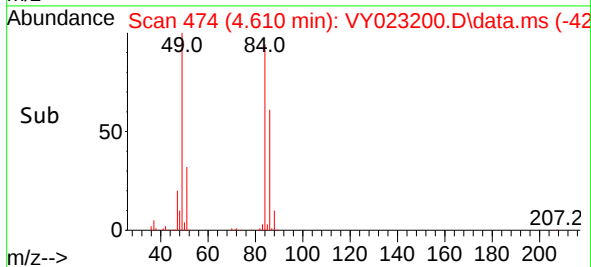
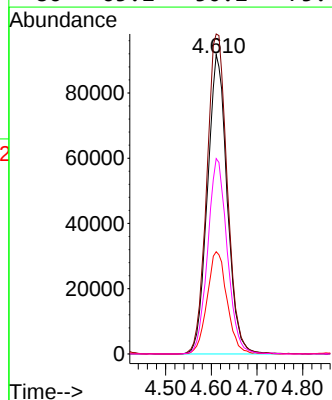
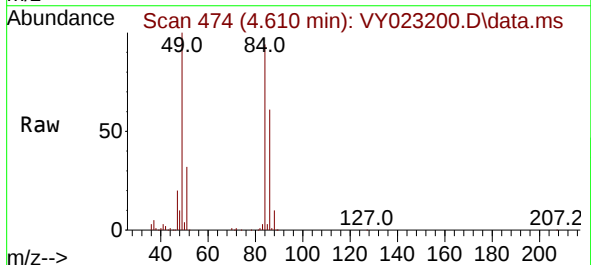
Instrument :
MSVOA_Y
ClientSampleId :

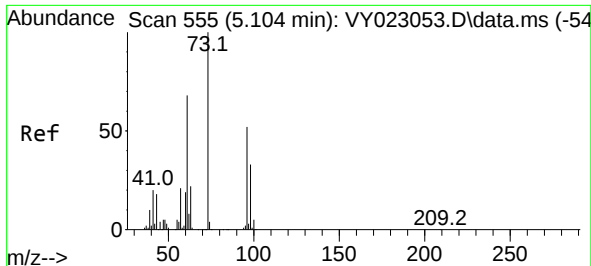
Tgt Ion: 73 Resp: 615518
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 49.890 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 84 Resp: 274056
Ion Ratio Lower Upper
84 100
49 106.8 93.0 139.6
51 34.1 29.0 43.4
86 65.2 50.2 75.4

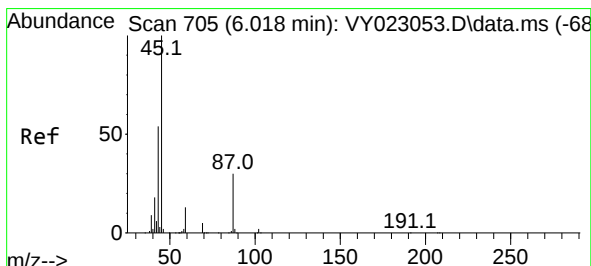
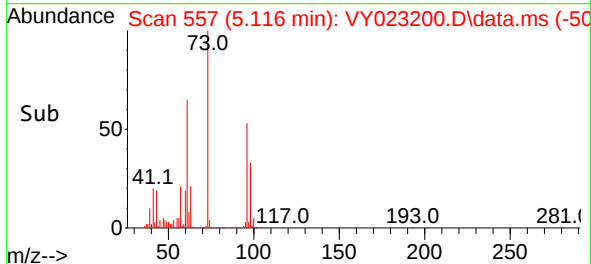
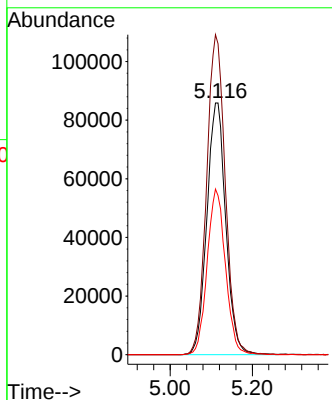
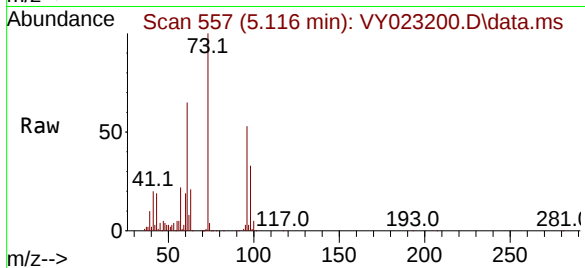




#21
trans-1,2-Dichloroethene
Concen: 49.347 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

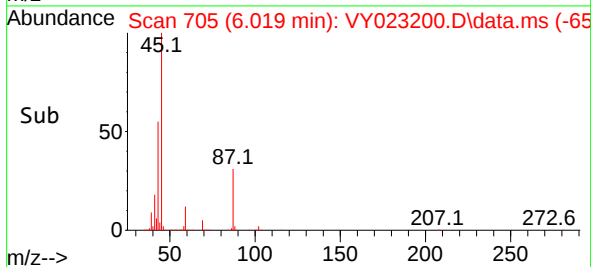
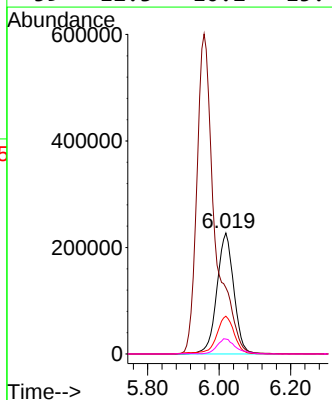
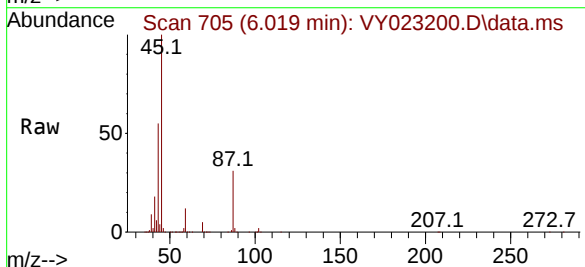
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 273572
Ion Ratio Lower Upper
96 100
61 123.5 104.8 157.2
98 63.2 50.1 75.1



#22
Diisopropyl ether
Concen: 47.312 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 45 Resp: 746283
Ion Ratio Lower Upper
45 100
43 54.7 43.4 65.0
87 31.2 24.4 36.6
59 12.3 10.2 15.4

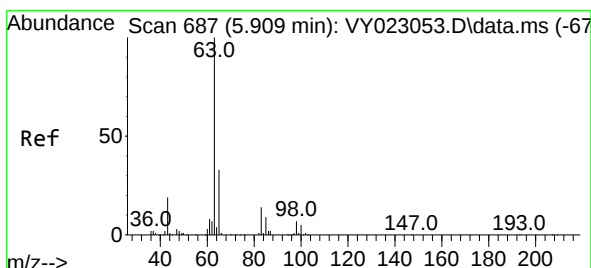
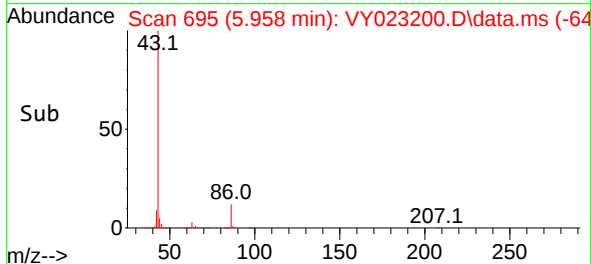
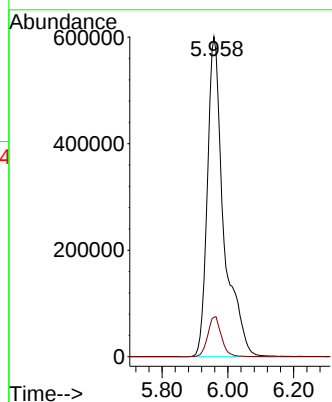
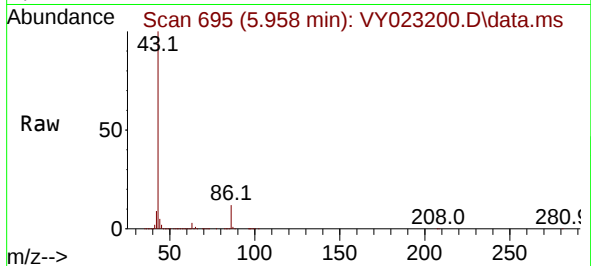




#23
 Vinyl Acetate
 Concen: 238.505 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

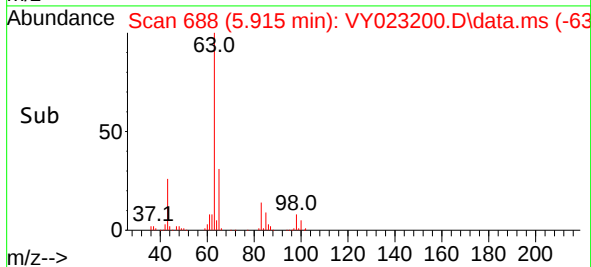
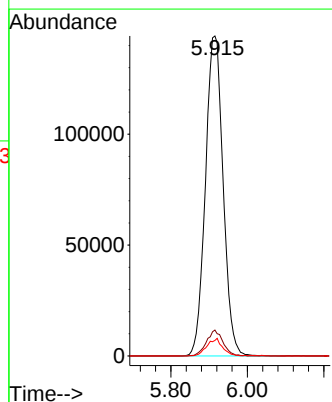
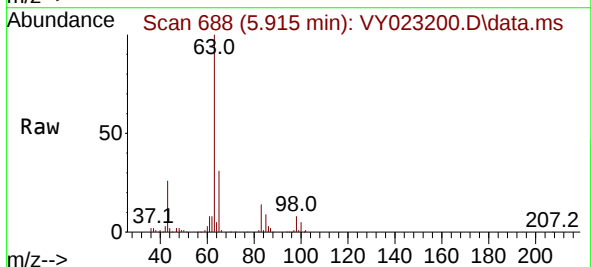
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 2080239
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.075 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

Tgt Ion: 63 Resp: 463627
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 244.178 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

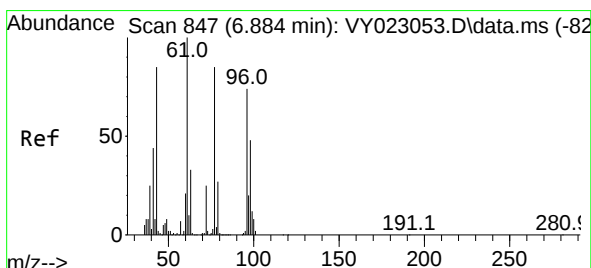
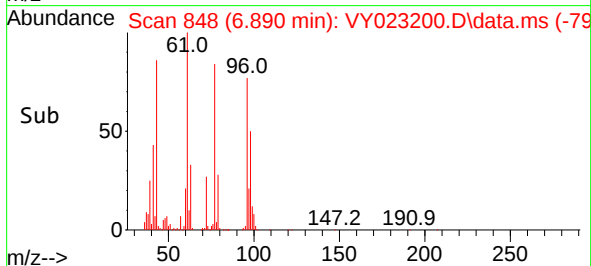
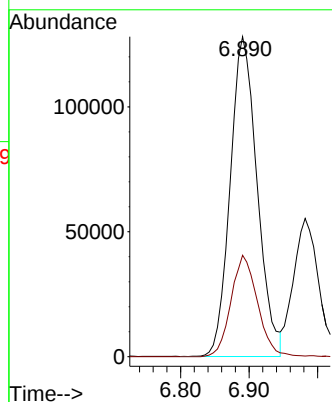
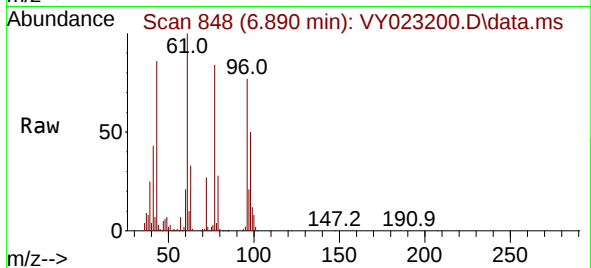
ClientSampleId :

Tgt Ion: 43 Resp: 351028

Ion Ratio Lower Upper

43 100

72 31.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 49.134 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023200.D

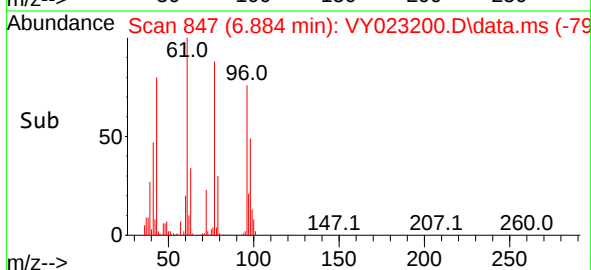
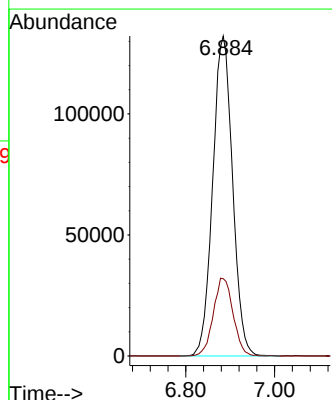
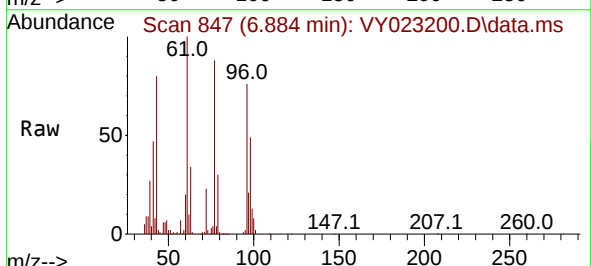
Acq: 25 Aug 2025 09:10

Tgt Ion: 77 Resp: 408864

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.490 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

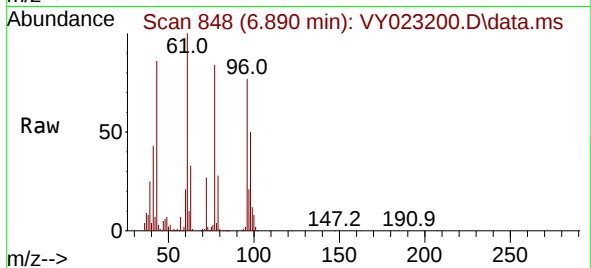
Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :



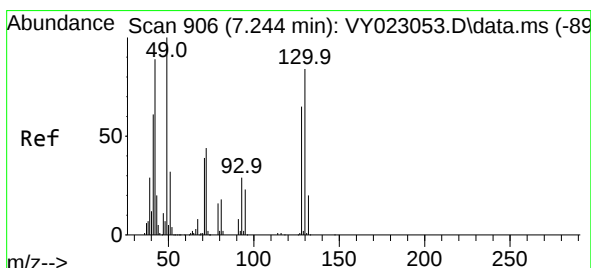
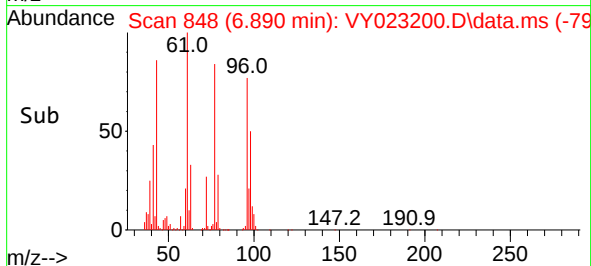
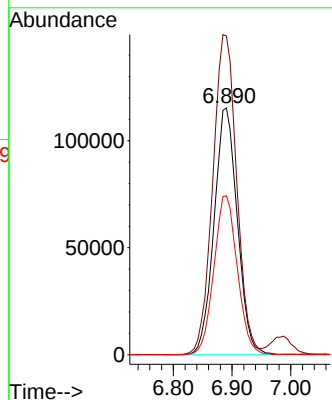
Tgt Ion: 96 Resp: 317184

Ion Ratio Lower Upper

96 100

61 133.5 0.0 278.6

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 45.958 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

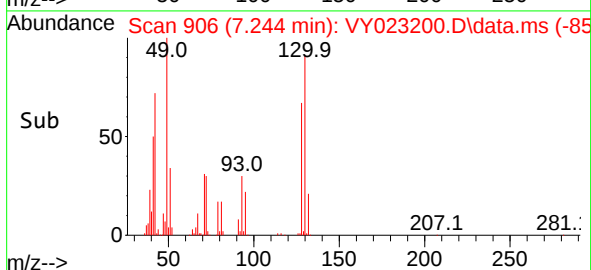
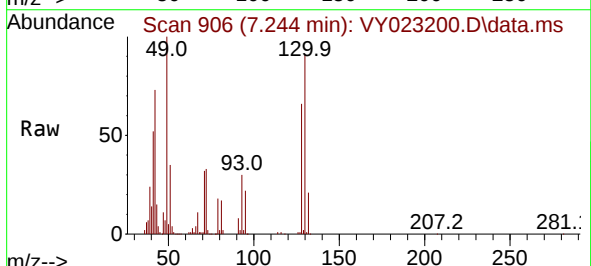
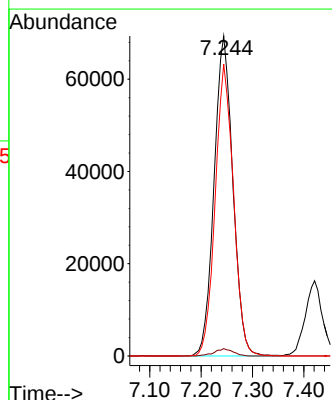
Tgt Ion: 49 Resp: 175839

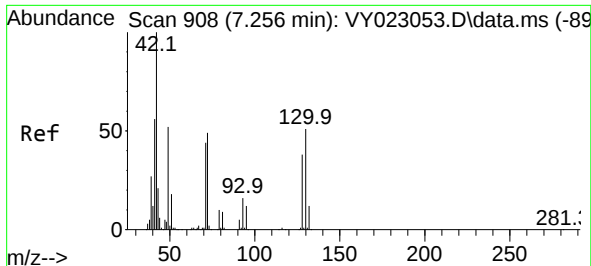
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 88.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 231.550 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

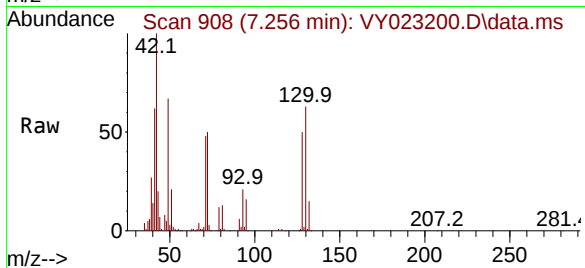
Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :



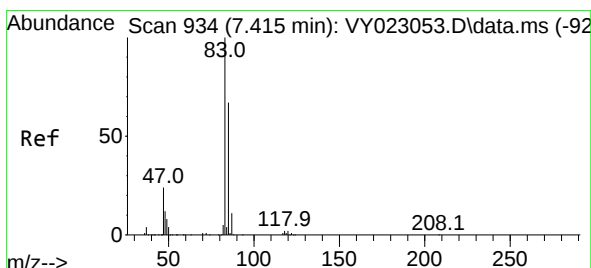
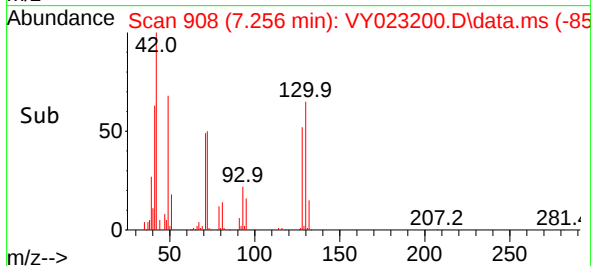
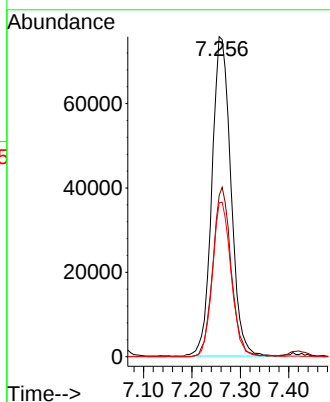
Tgt Ion: 42 Resp: 206335

Ion Ratio Lower Upper

42 100

72 51.3 39.4 59.2

71 47.8 36.5 54.7



#30

Chloroform

Concen: 48.879 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023200.D

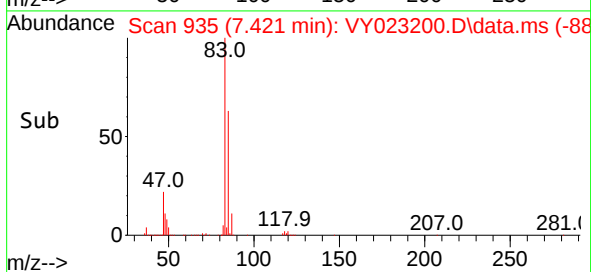
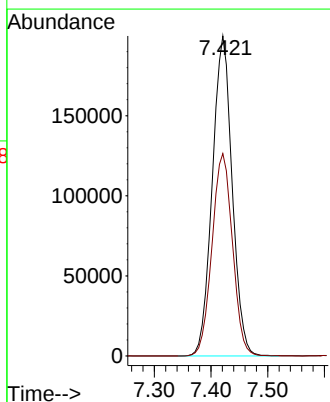
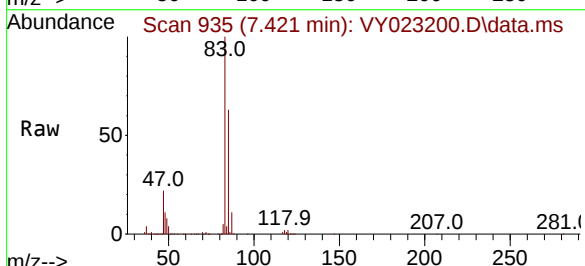
Acq: 25 Aug 2025 09:10

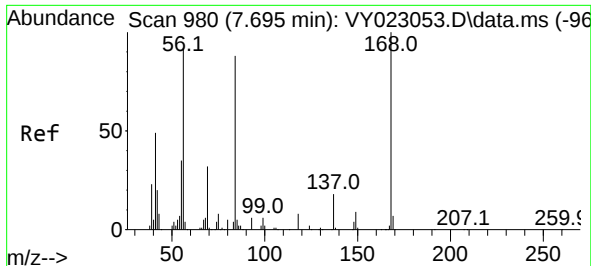
Tgt Ion: 83 Resp: 486143

Ion Ratio Lower Upper

83 100

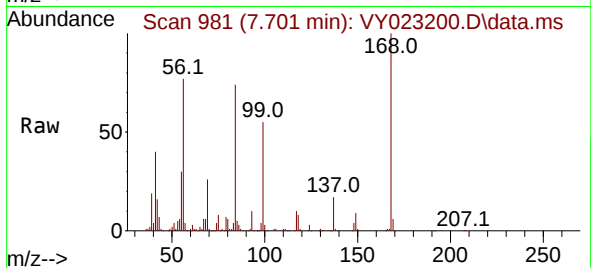
85 63.3 53.8 80.8



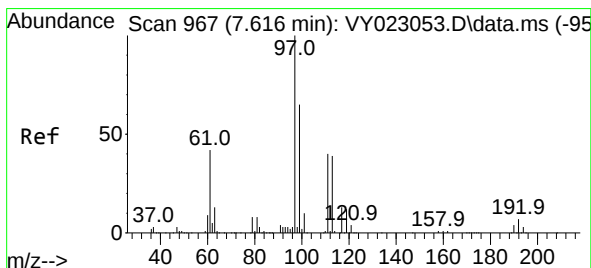
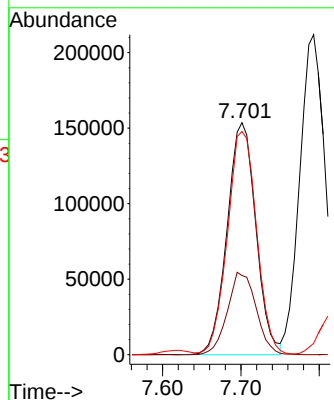
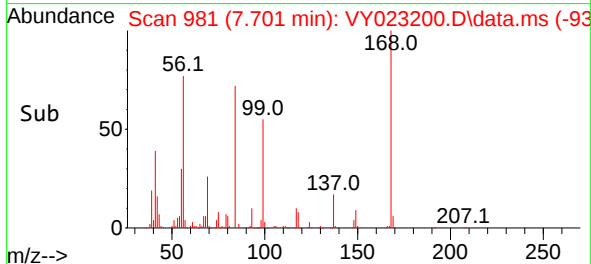


#31
Cyclohexane
Concen: 43.196 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :

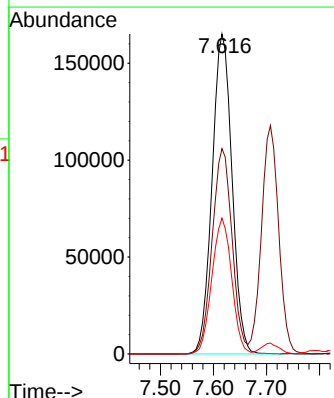
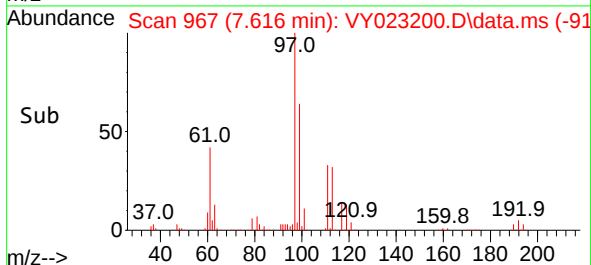
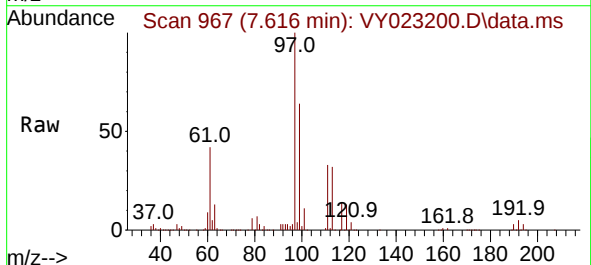


Tgt Ion: 56 Resp: 392561
Ion Ratio Lower Upper
56 100
69 34.2 28.2 42.2
84 94.3 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.784 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 97 Resp: 430519
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 42.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.095 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

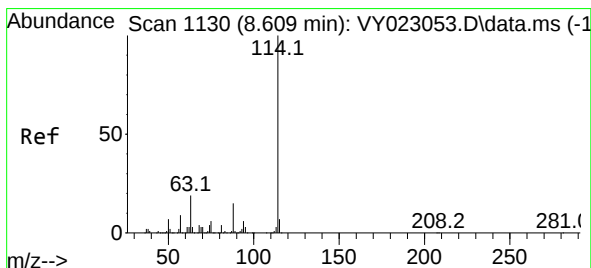
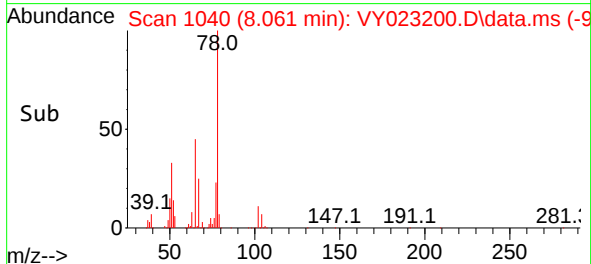
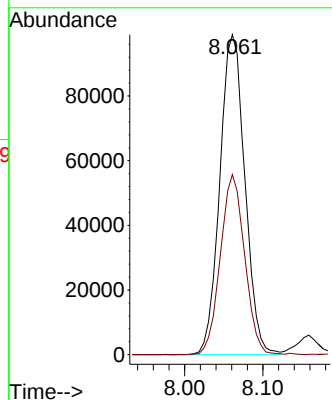
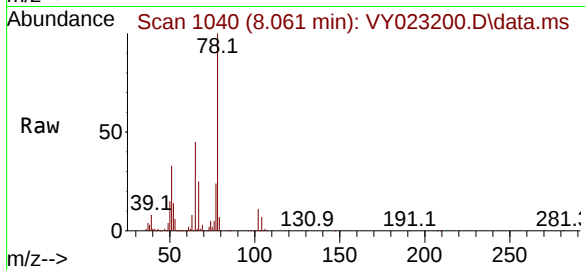
ClientSampleId :

Tgt Ion: 65 Resp: 220021

Ion Ratio Lower Upper

65 100

67 54.5 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: VY023200.D

Acq: 25 Aug 2025 09:10

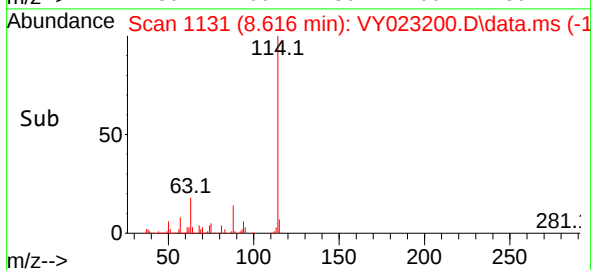
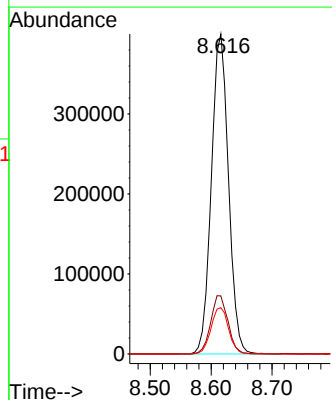
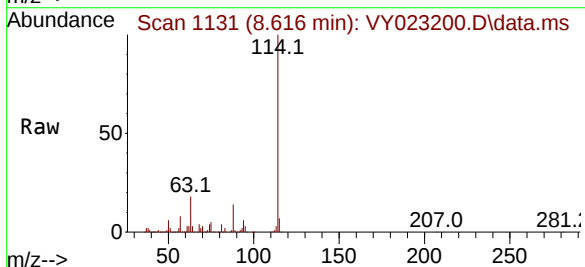
Tgt Ion: 114 Resp: 779400

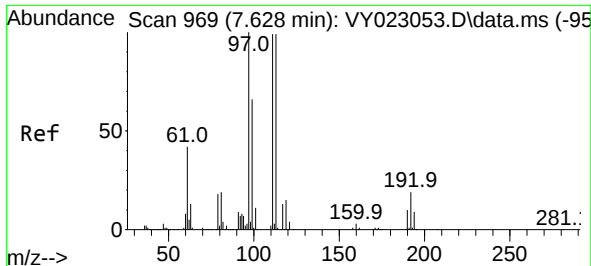
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 14.4 0.0 30.0

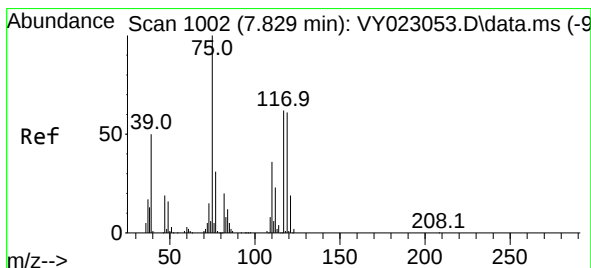
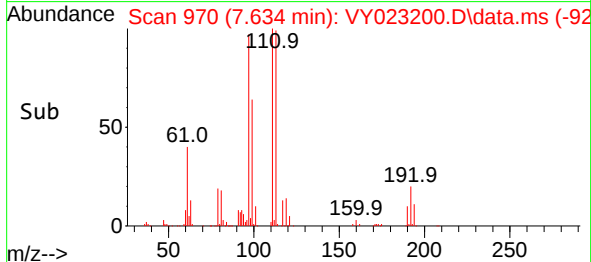
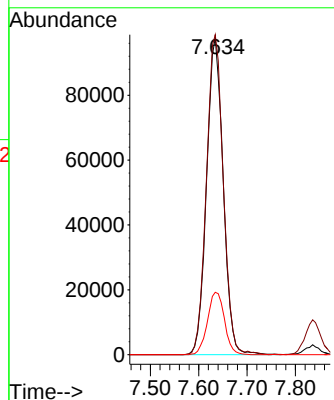
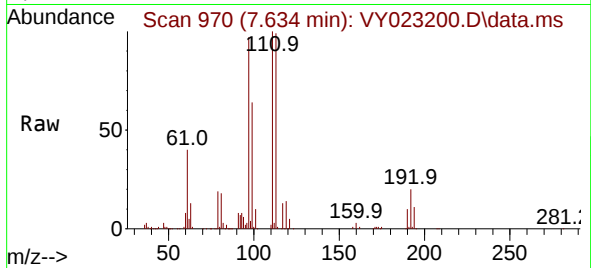




#35
 Dibromofluoromethane
 Concen: 49.864 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

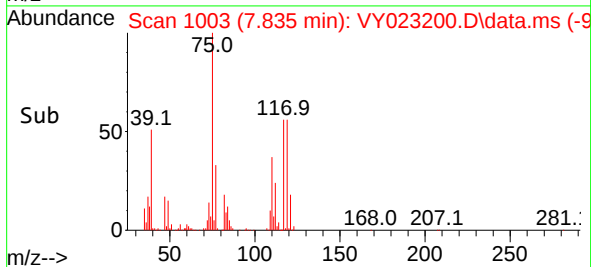
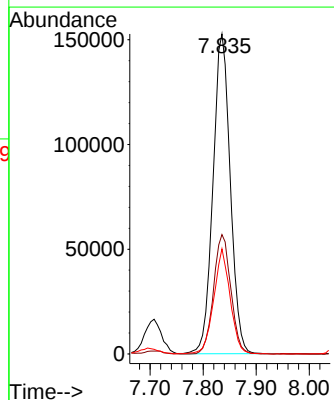
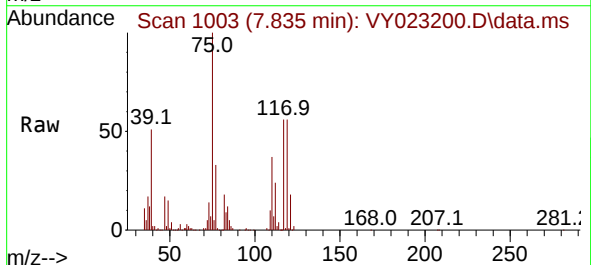
Instrument :
 MSVOA_Y
 ClientSampleId :

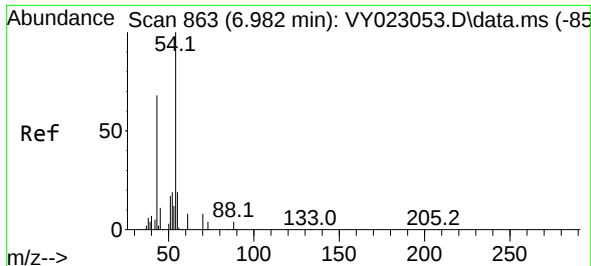
Tgt Ion:113 Resp: 232551
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 20.2 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 49.880 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

Tgt Ion: 75 Resp: 345711
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.4
 77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 49.737 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

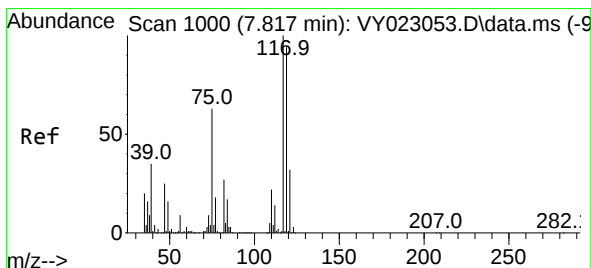
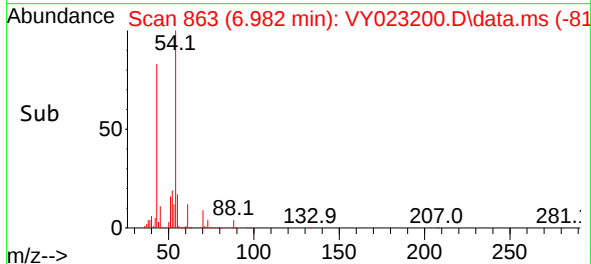
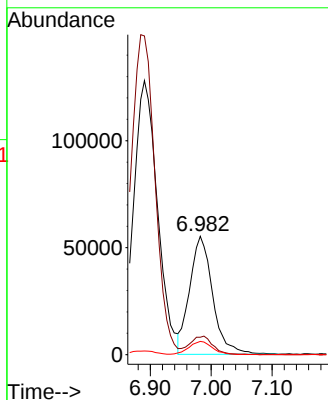
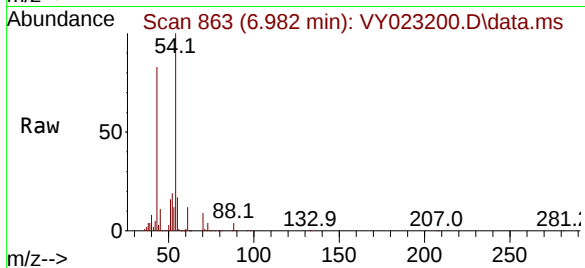
Tgt Ion: 43 Resp: 144808

Ion Ratio Lower Upper

43 100

61 15.6 11.9 17.9

70 11.6 8.8 13.2



#38

Carbon Tetrachloride

Concen: 51.334 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

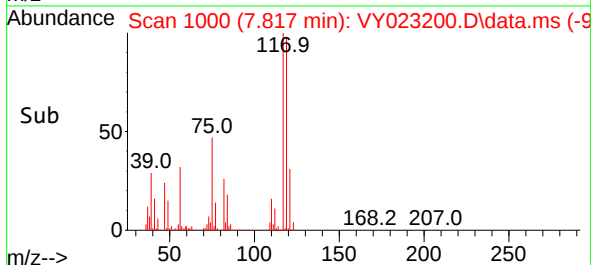
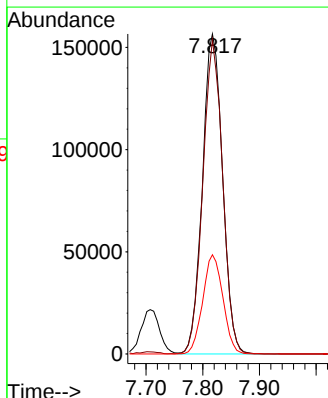
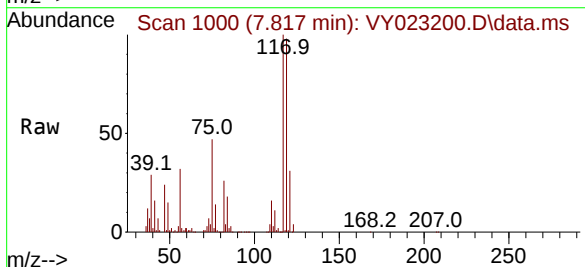
Tgt Ion: 117 Resp: 386437

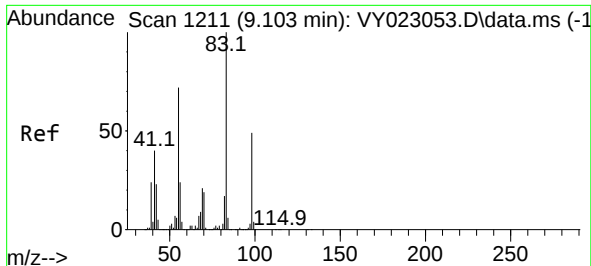
Ion Ratio Lower Upper

117 100

119 98.1 75.6 113.4

121 31.0 25.8 38.8





#39

Methylcyclohexane

Concen: 49.720 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

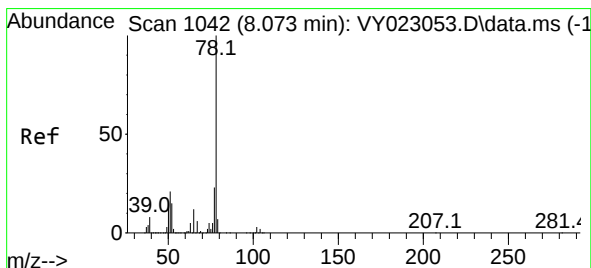
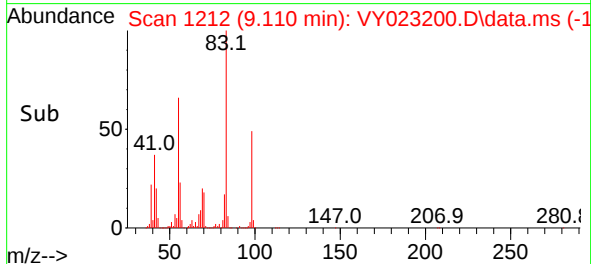
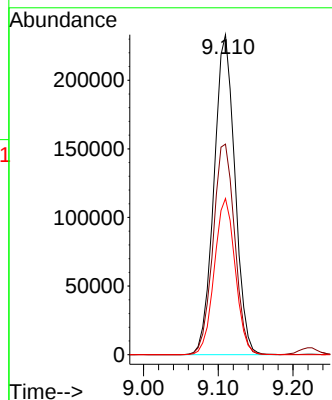
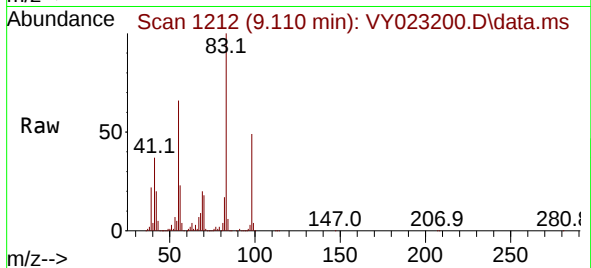
Tgt Ion: 83 Resp: 453797

Ion Ratio Lower Upper

83 100

55 65.8 57.6 86.4

98 48.8 39.2 58.8



#40

Benzene

Concen: 50.575 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023200.D

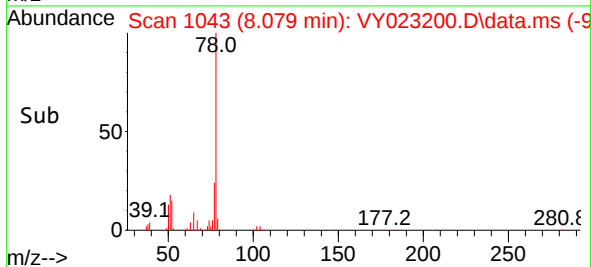
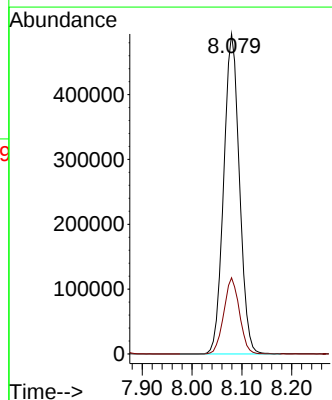
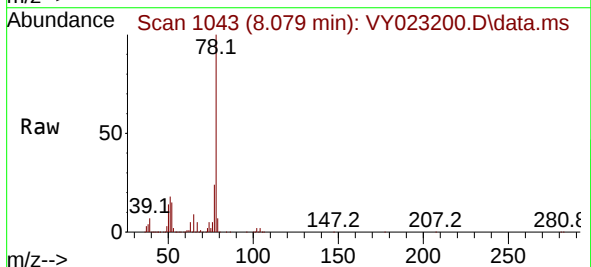
Acq: 25 Aug 2025 09:10

Tgt Ion: 78 Resp: 1080385

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0



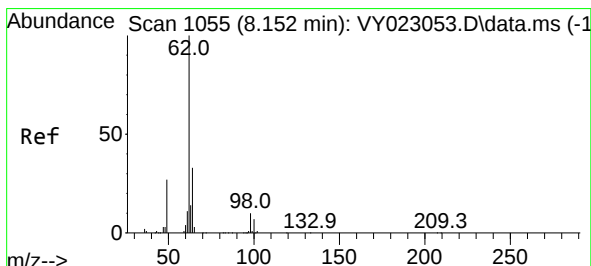
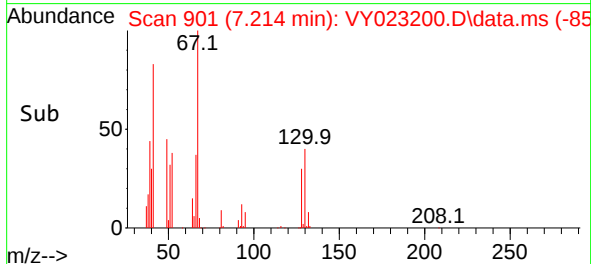
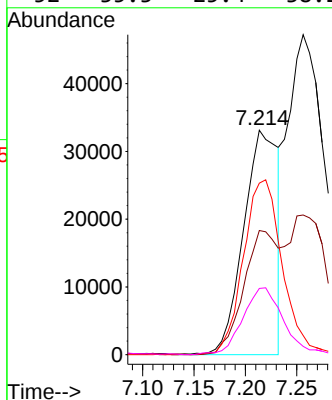
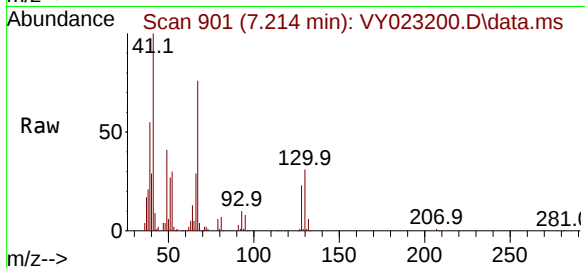


#41
Methacrylonitrile
Concen: 45.690 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 76772

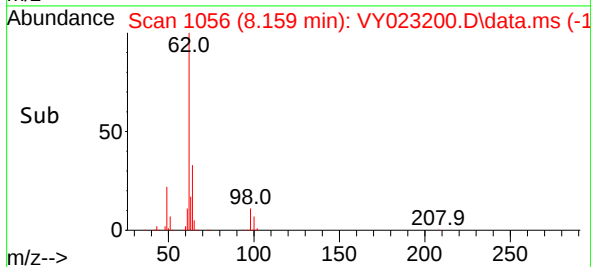
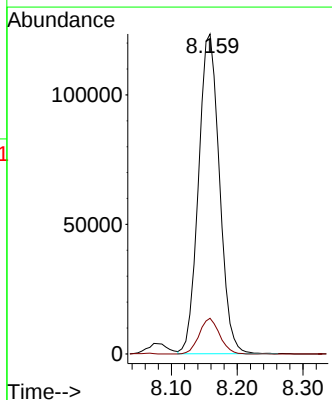
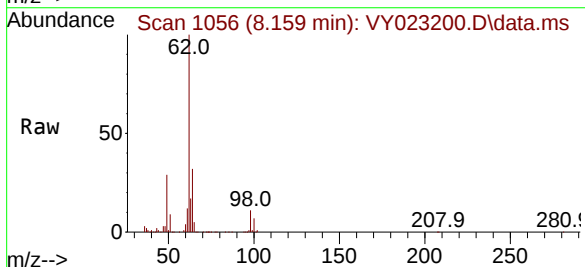
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.4	65.2
67	89.2	63.6	95.4
52	35.3	25.4	38.2



#42
1,2-Dichloroethane
Concen: 49.126 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 62 Resp: 272934

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6

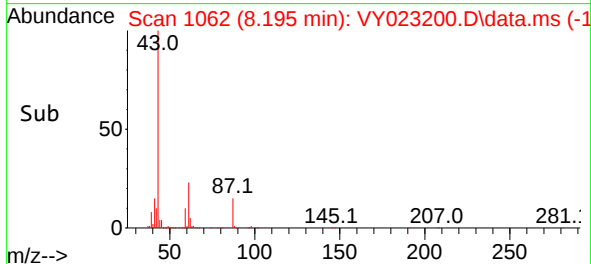
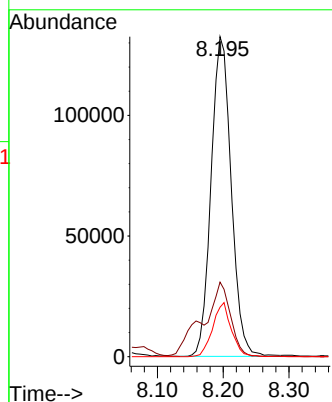
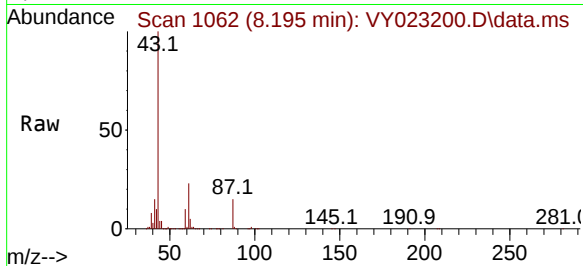




#43
Isopropyl Acetate
Concen: 47.872 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

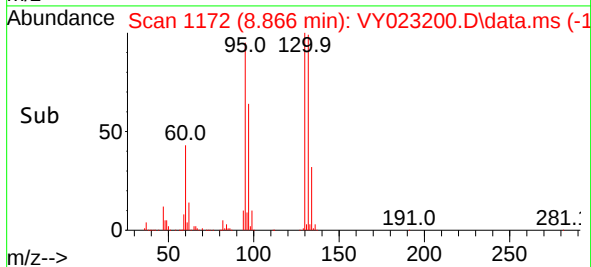
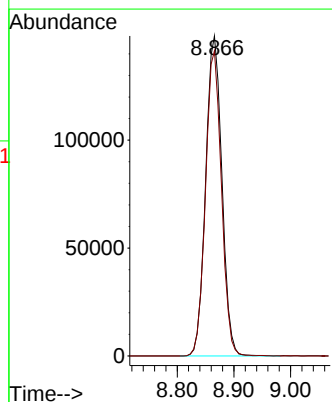
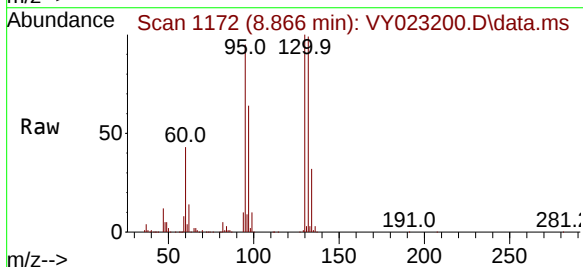
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 281704
Ion Ratio Lower Upper
43 100
61 22.0 16.4 24.6
87 15.7 11.8 17.6



#44
Trichloroethene
Concen: 53.302 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:130 Resp: 294250
Ion Ratio Lower Upper
130 100
95 95.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.855 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

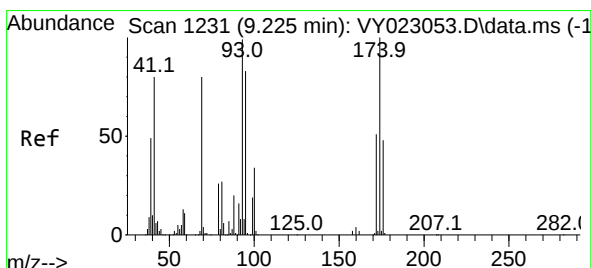
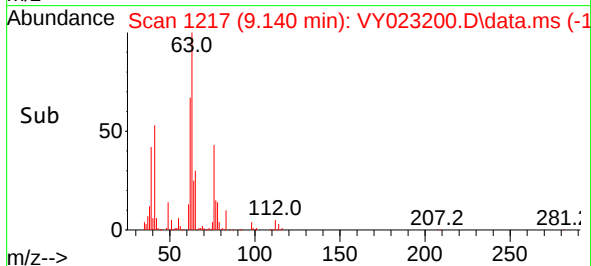
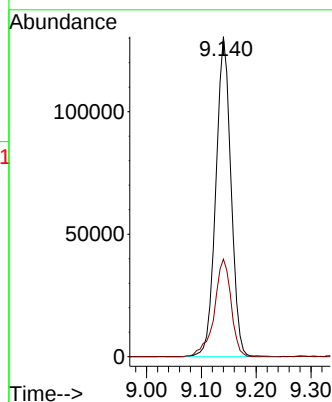
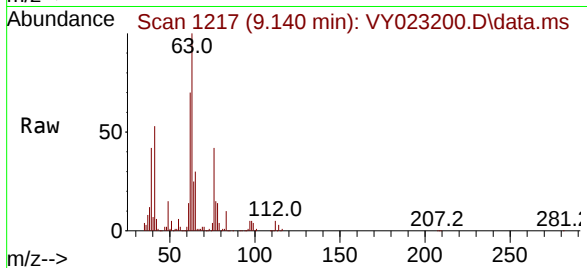
ClientSampleId :

Tgt Ion: 63 Resp: 249964

Ion Ratio Lower Upper

63 100

65 30.5 25.3 37.9



#46

Dibromomethane

Concen: 52.225 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

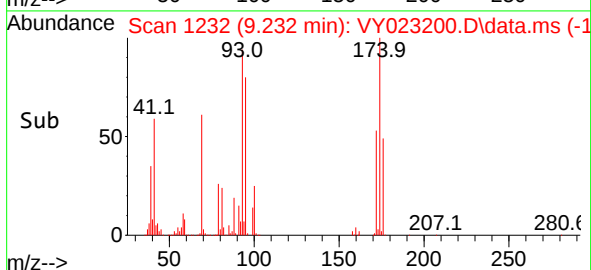
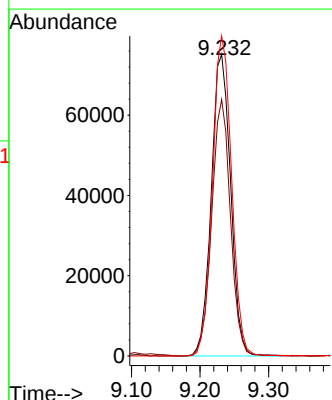
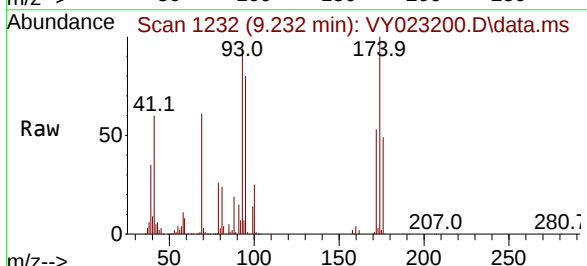
Tgt Ion: 93 Resp: 147334

Ion Ratio Lower Upper

93 100

95 82.4 66.5 99.7

174 104.6 81.8 122.8

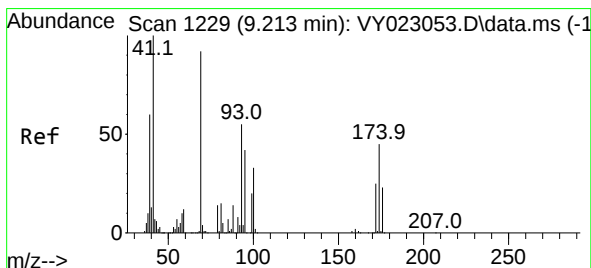
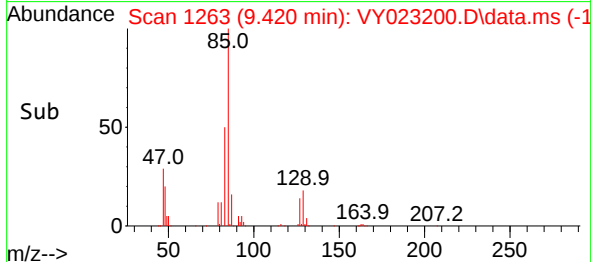
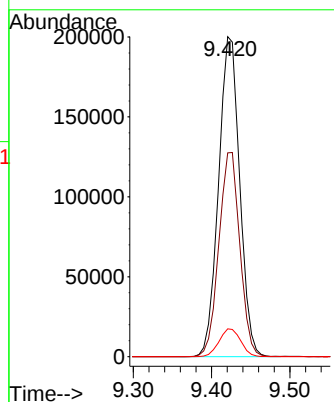
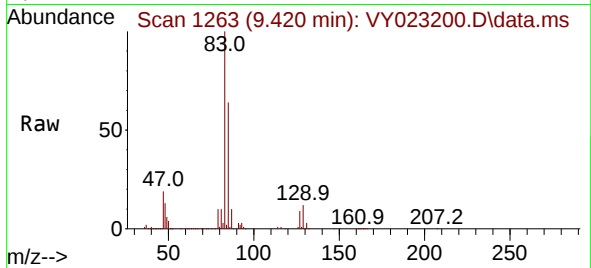




#47
Bromodichloromethane
Concen: 51.708 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

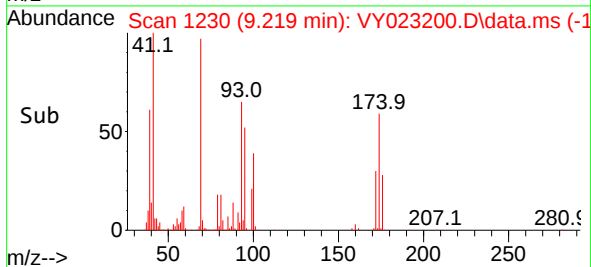
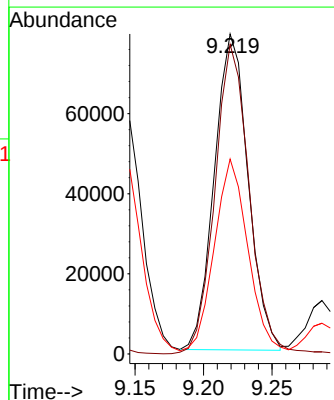
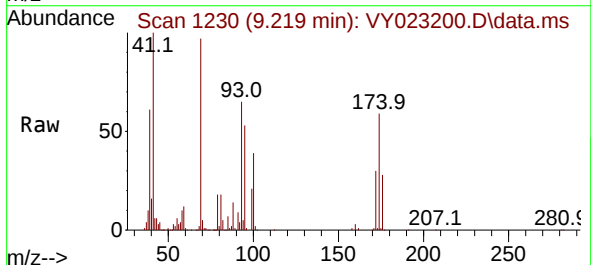
Instrument :
MSVOA_Y
ClientSampleId :

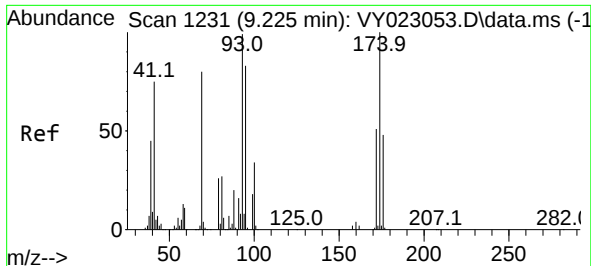
Tgt Ion: 83 Resp: 375361
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 48.077 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 41 Resp: 135380
Ion Ratio Lower Upper
41 100
69 99.6 73.2 109.8
39 59.8 47.0 70.4





#49

1,4-Dioxane

Concen: 983.254 ug/l

RT: 9.232 min Scan# 11

Delta R.T. 0.006 min

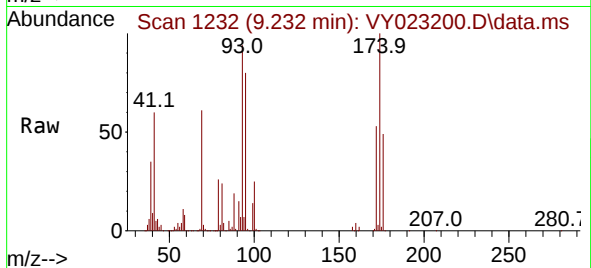
Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :



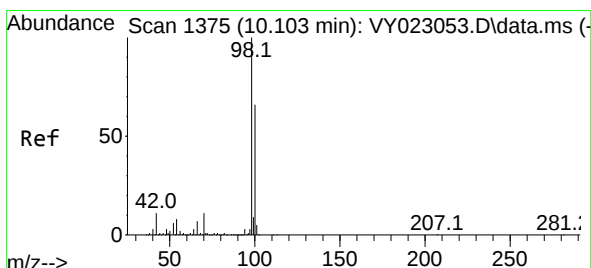
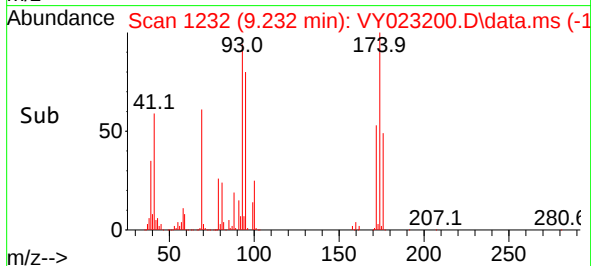
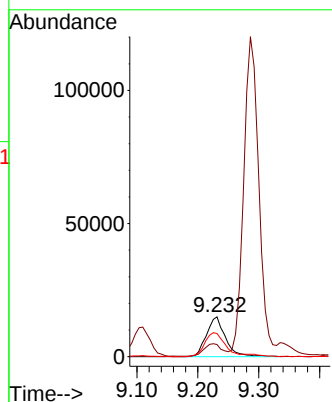
Tgt Ion: 88 Resp: 32525

Ion Ratio Lower Upper

88 100

43 29.9 24.3 36.5

58 69.4 55.4 83.0



#50

Toluene-d8

Concen: 49.149 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023200.D

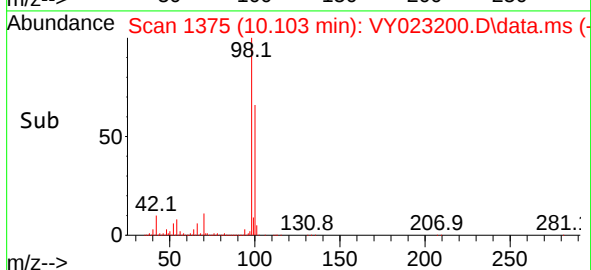
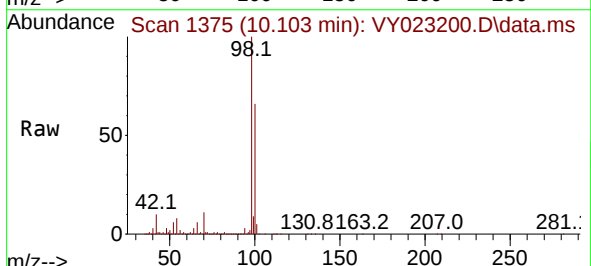
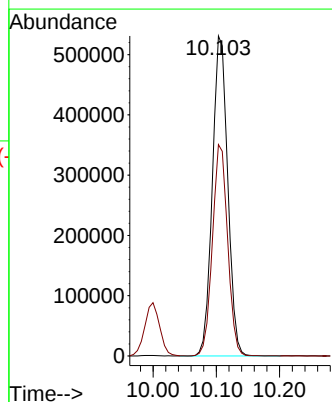
Acq: 25 Aug 2025 09:10

Tgt Ion: 98 Resp: 895446

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 248.943 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

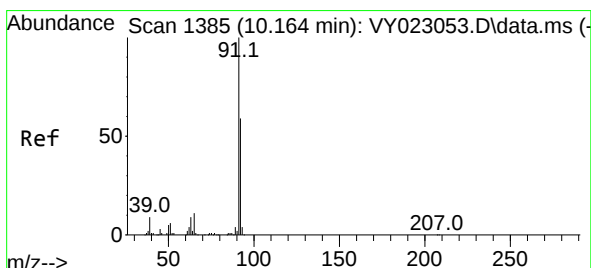
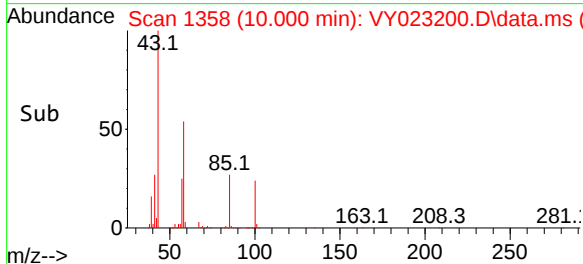
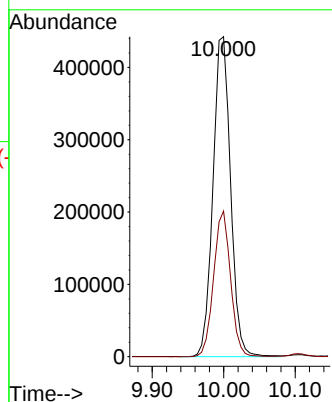
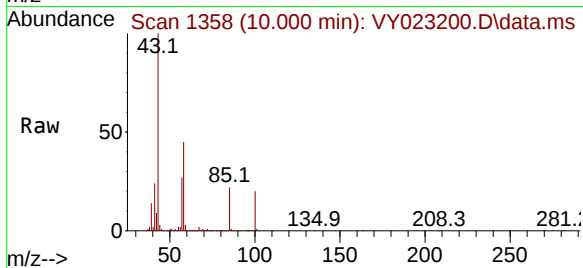
ClientSampleId :

Tgt Ion: 43 Resp: 755647

Ion Ratio Lower Upper

43 100

58 43.8 33.5 50.3



#52

Toluene

Concen: 51.679 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023200.D

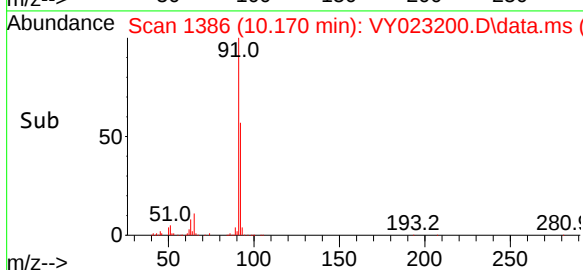
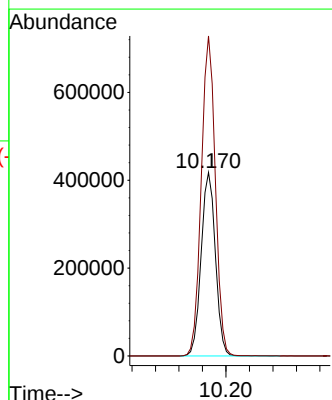
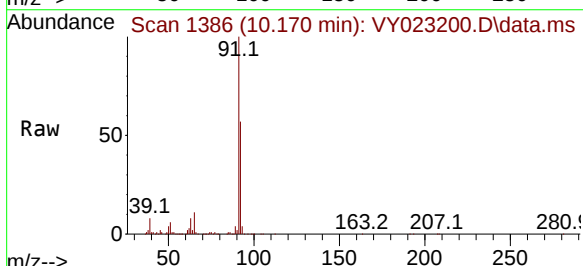
Acq: 25 Aug 2025 09:10

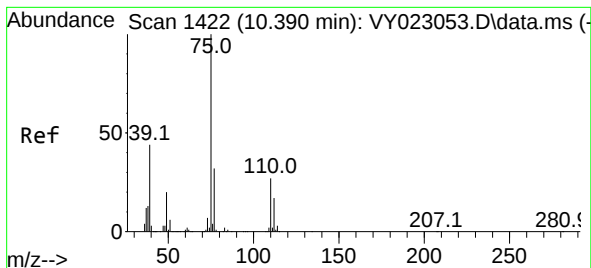
Tgt Ion: 92 Resp: 701155

Ion Ratio Lower Upper

92 100

91 172.5 136.4 204.6

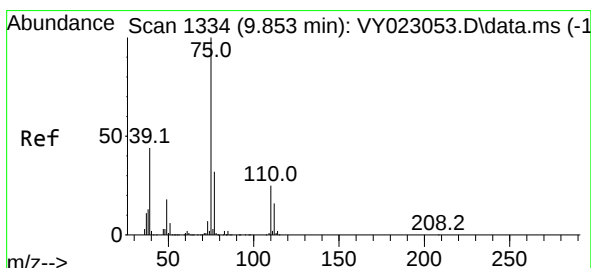
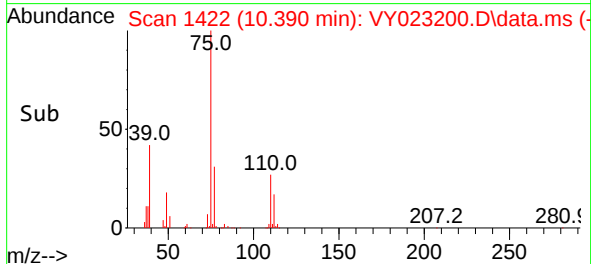
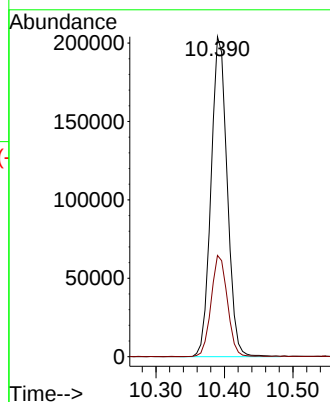
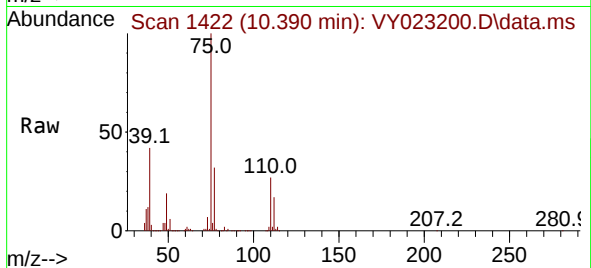




#53
t-1,3-Dichloropropene
Concen: 50.886 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

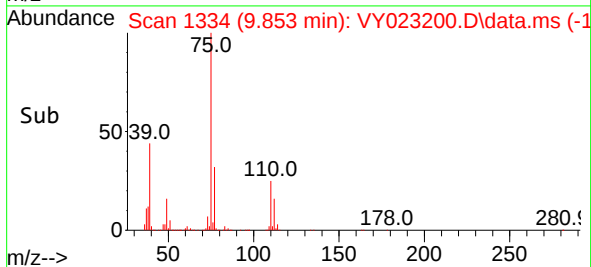
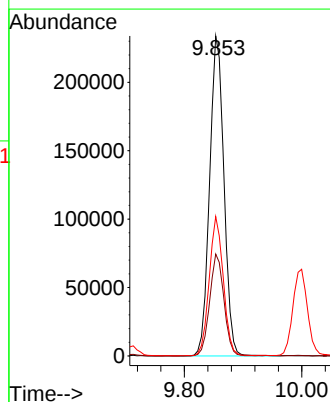
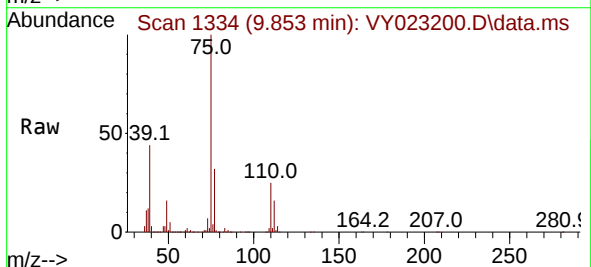
Instrument :
MSVOA_Y
ClientSampleId :

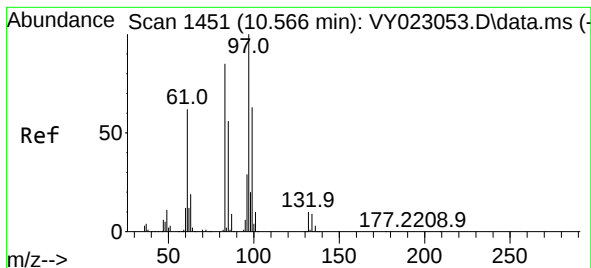
Tgt Ion: 75 Resp: 334500
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 51.034 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 75 Resp: 396698
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 43.5 35.6 53.4



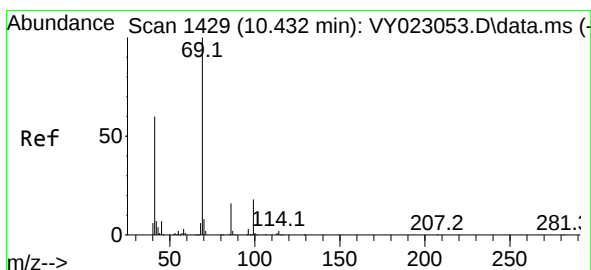
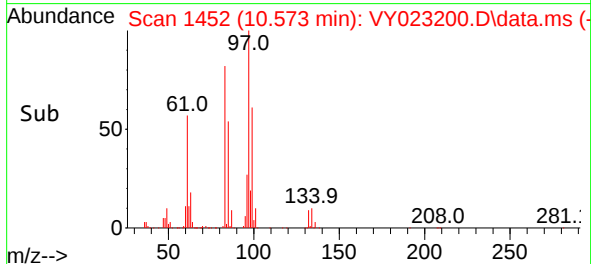
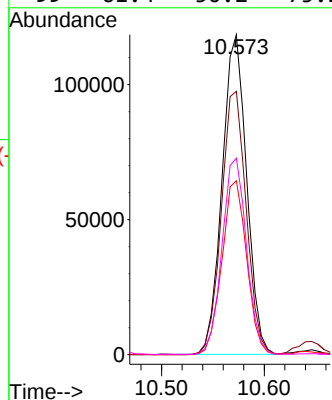
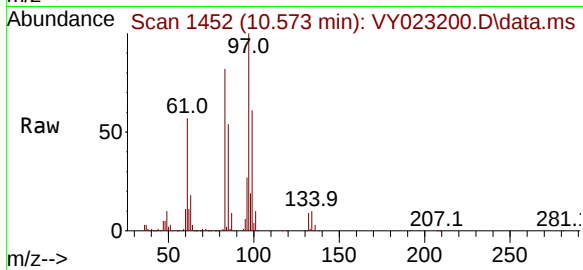


#55
1,1,2-Trichloroethane
Concen: 51.920 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 195997

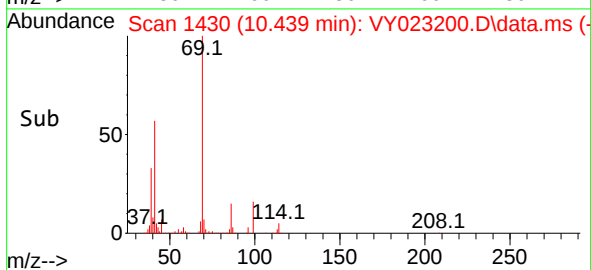
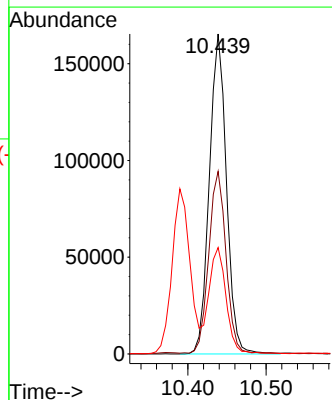
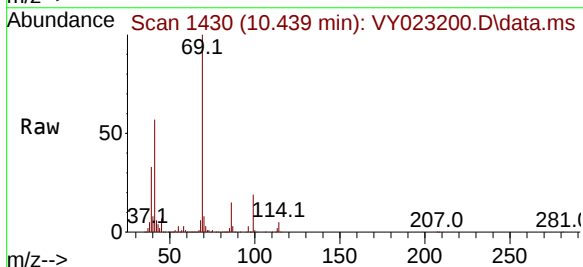
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.7	101.5
85	54.4	44.5	66.7
99	61.4	50.2	75.2

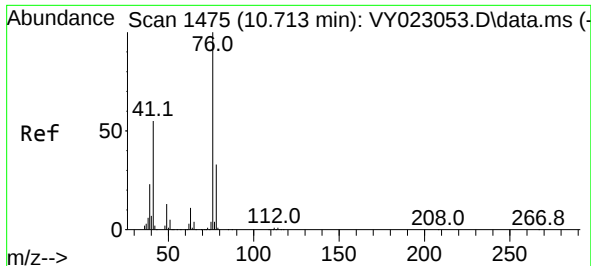


#56
Ethyl methacrylate
Concen: 51.863 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 69 Resp: 250522

Ion	Ratio	Lower	Upper
69	100		
41	57.6	48.6	72.8
39	33.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 51.111 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

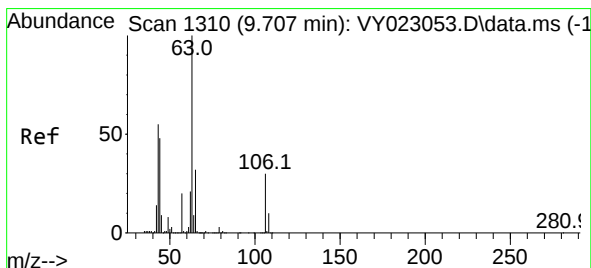
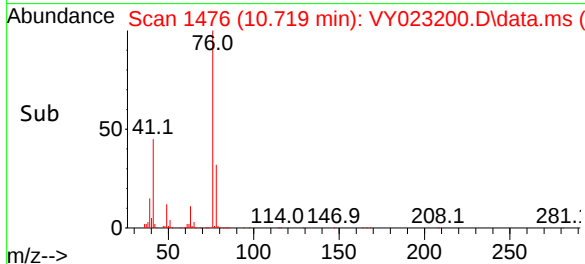
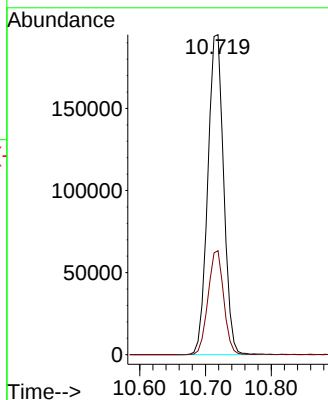
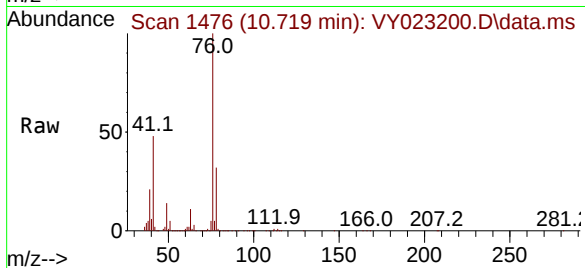
ClientSampleId :

Tgt Ion: 76 Resp: 327218

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 254.487 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023200.D

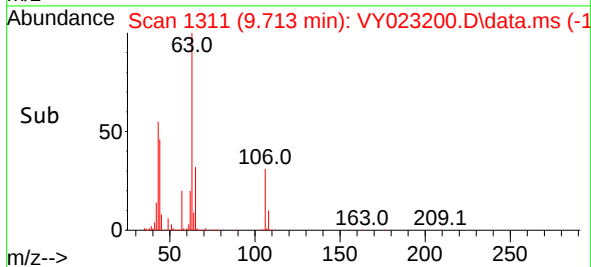
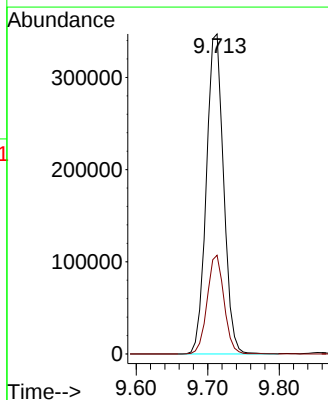
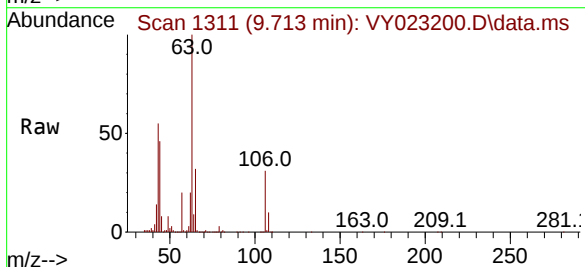
Acq: 25 Aug 2025 09:10

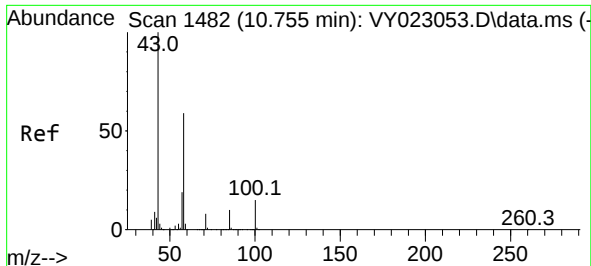
Tgt Ion: 63 Resp: 579858

Ion Ratio Lower Upper

63 100

106 30.2 23.2 34.8

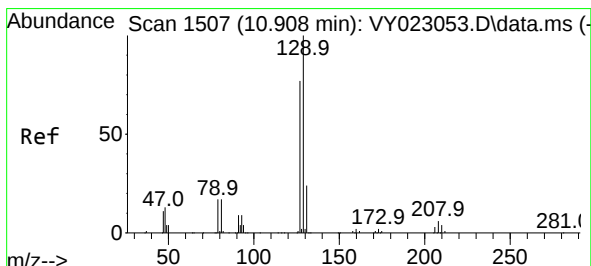
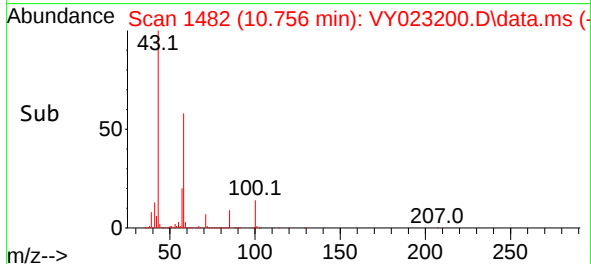
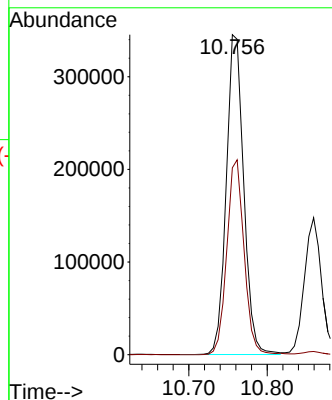
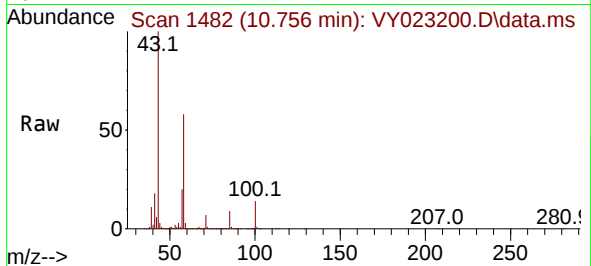




#59
2-Hexanone
Concen: 259.418 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

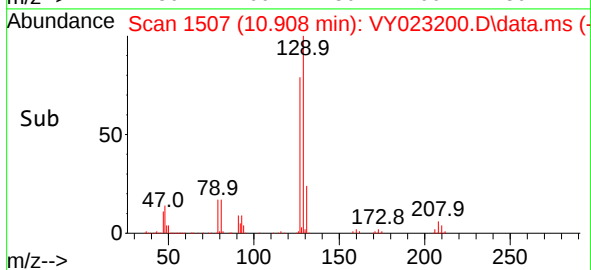
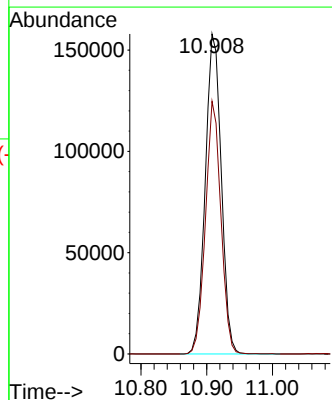
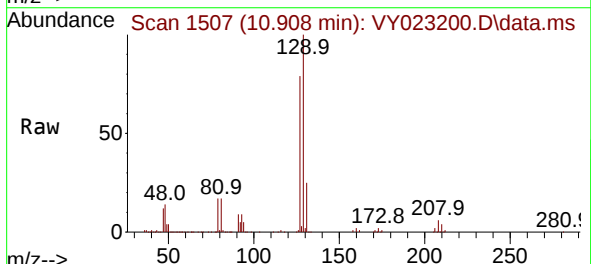
Instrument :
MSVOA_Y
ClientSampleId :

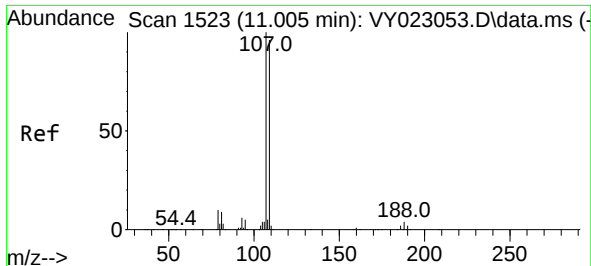
Tgt Ion: 43 Resp: 536194
Ion Ratio Lower Upper
43 100
58 60.2 29.5 88.5



#60
Dibromochloromethane
Concen: 53.646 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:129 Resp: 267216
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

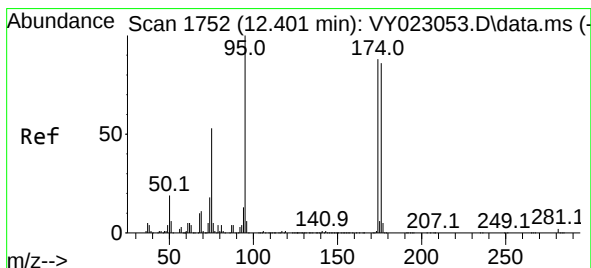
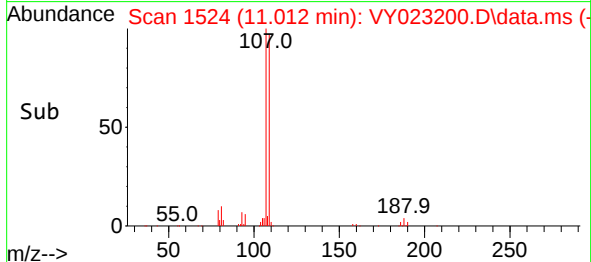
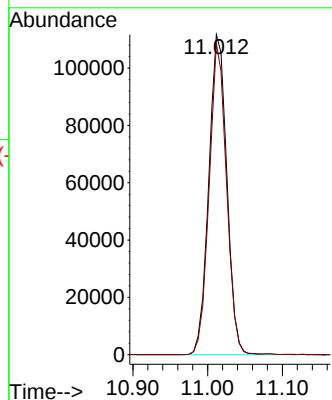
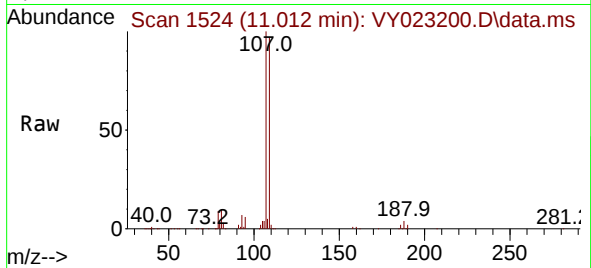




#61
1,2-Dibromoethane
Concen: 52.640 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

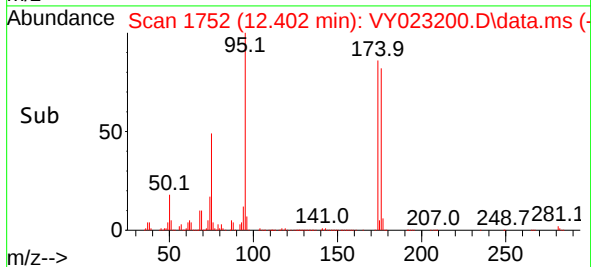
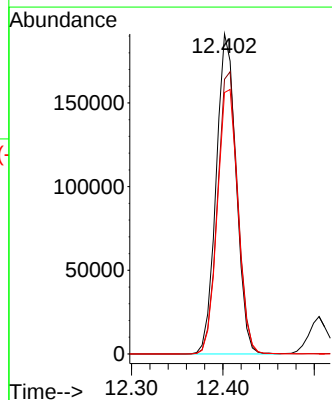
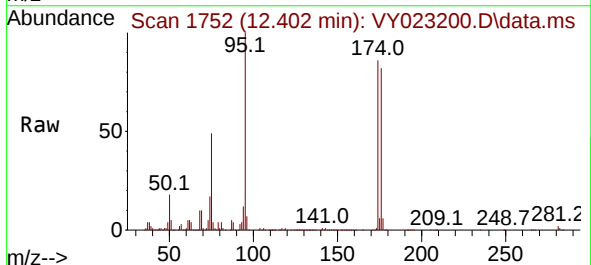
Instrument :
MSVOA_Y
ClientSampleId :

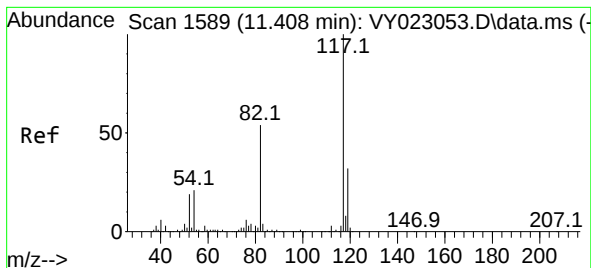
Tgt Ion:107 Resp: 186771
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.429 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 95 Resp: 289617
Ion Ratio Lower Upper
95 100
174 90.0 0.0 171.6
176 85.9 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: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

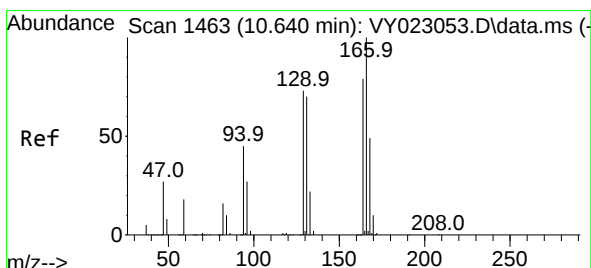
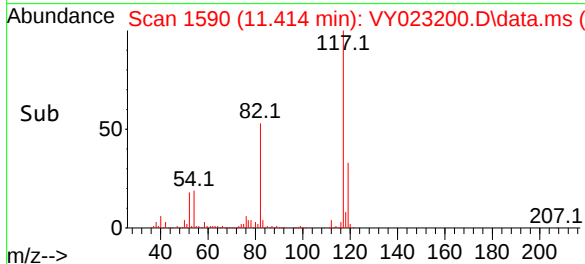
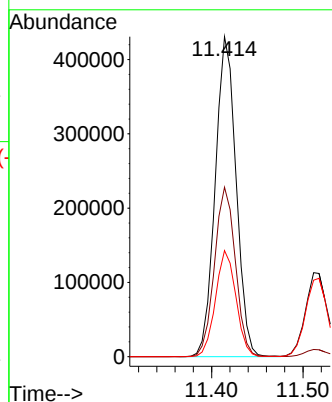
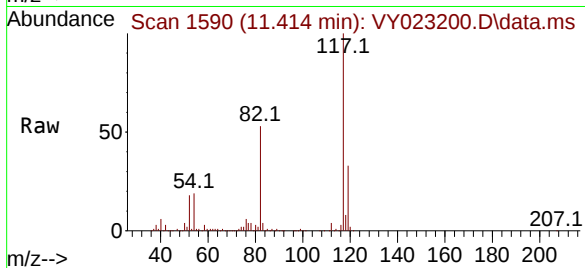
Tgt Ion:117 Resp: 684220

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 33.2 25.6 38.4



#64

Tetrachloroethene

Concen: 57.068 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Tgt Ion:164 Resp: 348666

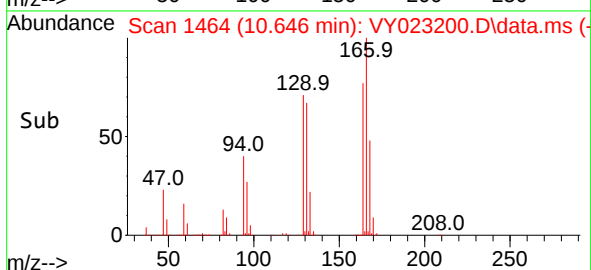
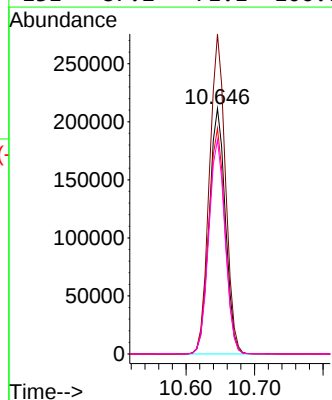
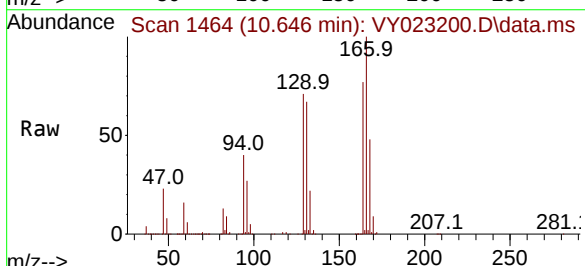
Ion Ratio Lower Upper

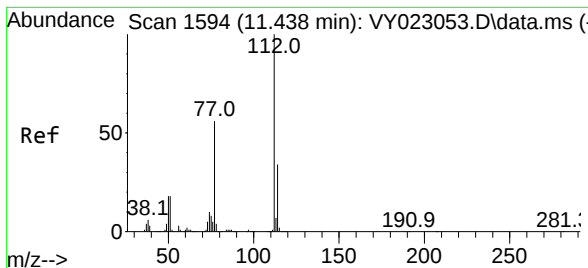
164 100

166 130.4 101.1 151.7

129 91.9 74.0 111.0

131 87.2 71.1 106.7

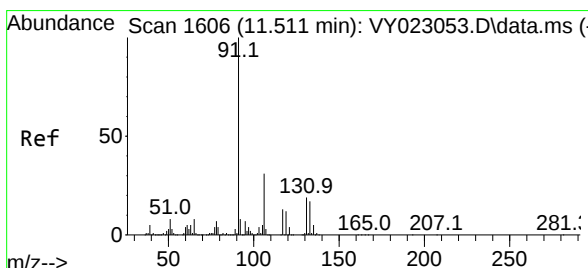
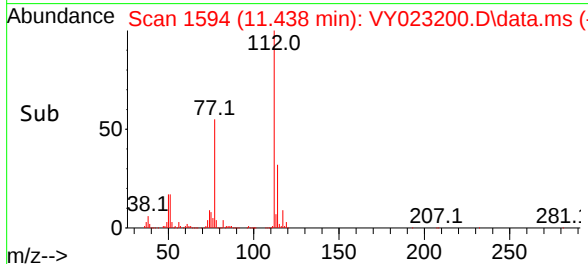
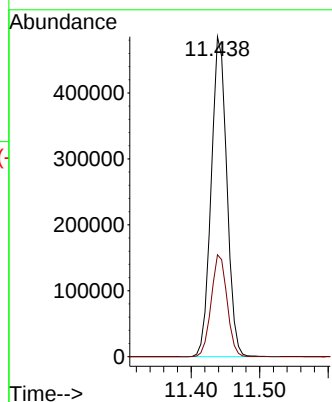
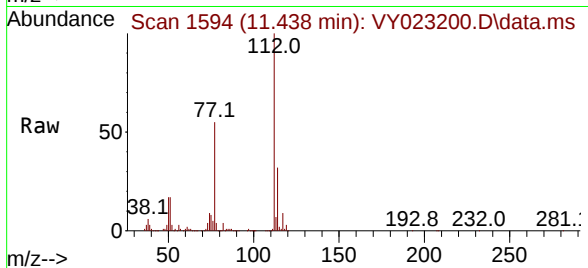




#65
Chlorobenzene
Concen: 52.248 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

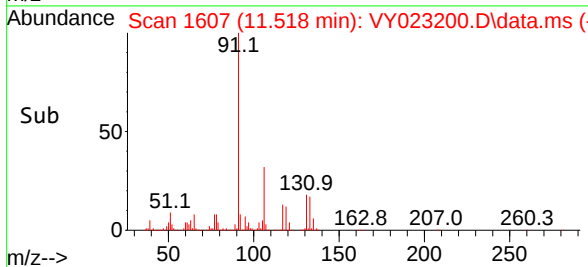
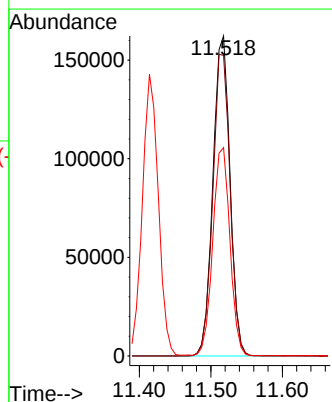
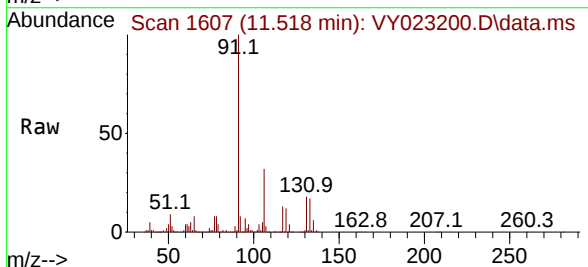
Instrument :
MSVOA_Y
ClientSampleId :

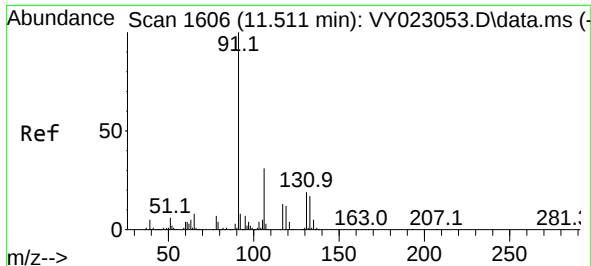
Tgt Ion:112 Resp: 771112
Ion Ratio Lower Upper
112 100
114 31.8 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.577 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:131 Resp: 268364
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.6
119 65.9 33.2 99.6





#67

Ethyl Benzene

Concen: 52.103 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

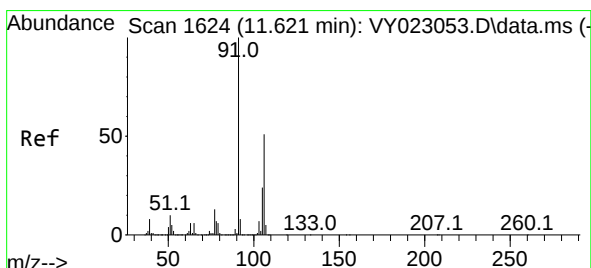
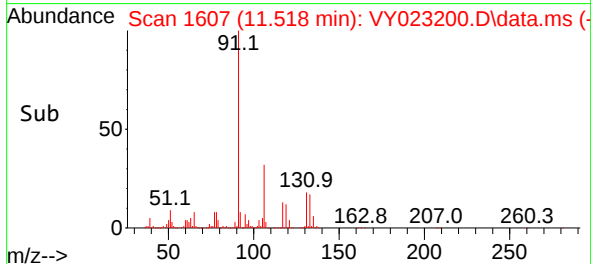
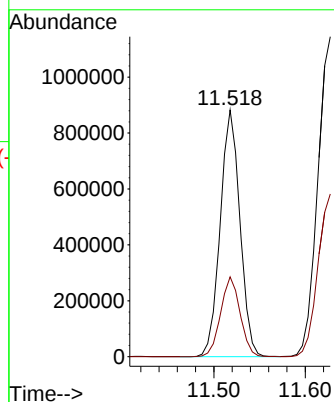
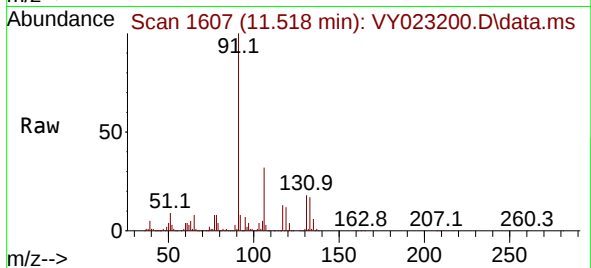
ClientSampleId :

Tgt Ion: 91 Resp: 1323316

Ion Ratio Lower Upper

91 100

106 32.3 25.0 37.4



#68

m/p-Xylenes

Concen: 105.947 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023200.D

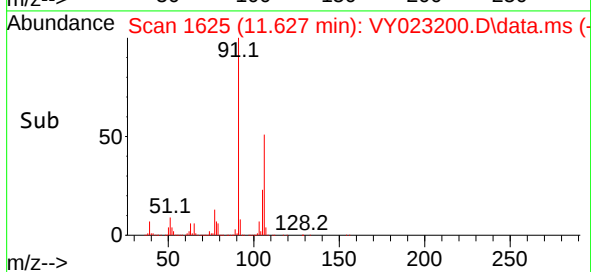
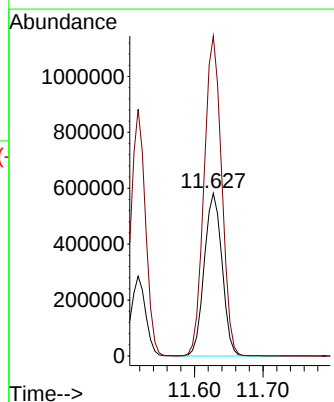
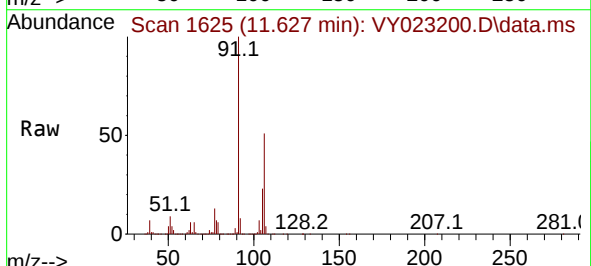
Acq: 25 Aug 2025 09:10

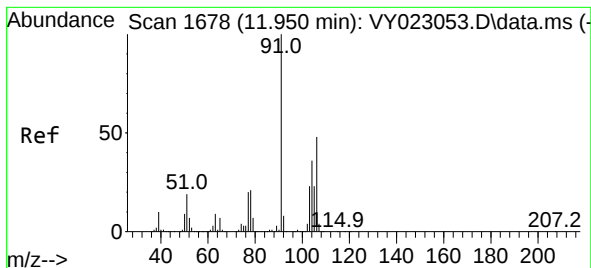
Tgt Ion:106 Resp: 1050953

Ion Ratio Lower Upper

106 100

91 194.8 158.6 238.0

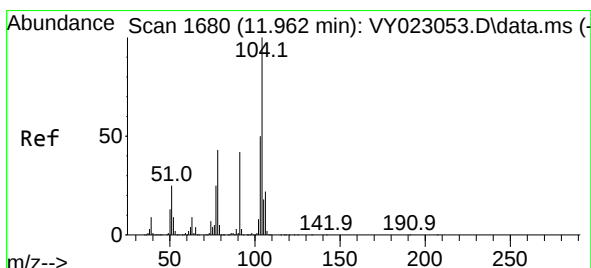
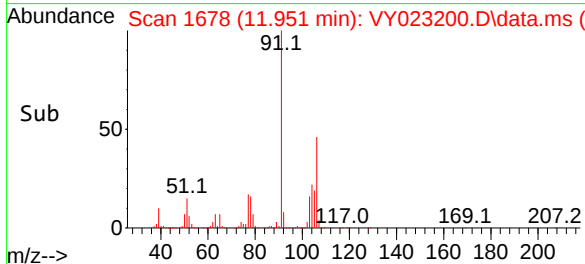
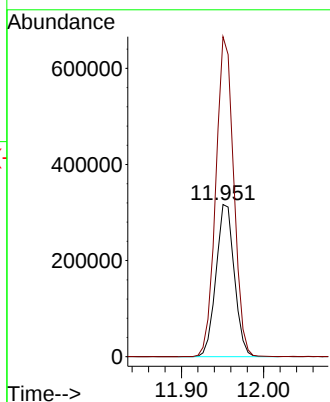
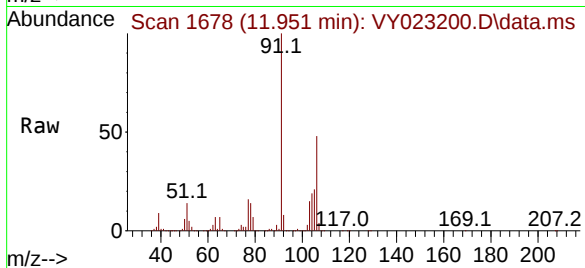




#69
o-Xylene
Concen: 52.817 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

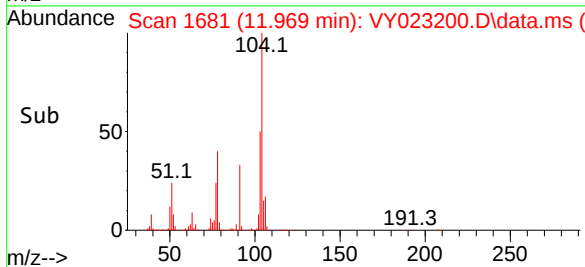
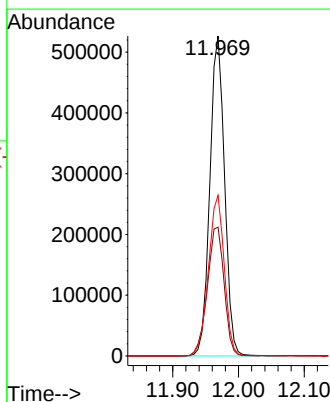
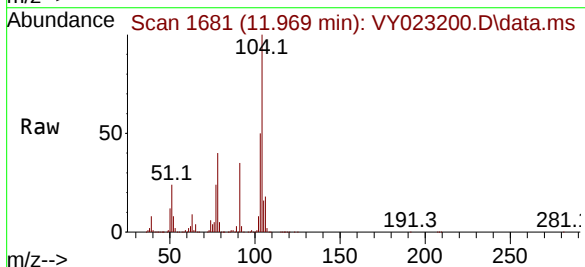
Instrument :
MSVOA_Y
ClientSampleId :

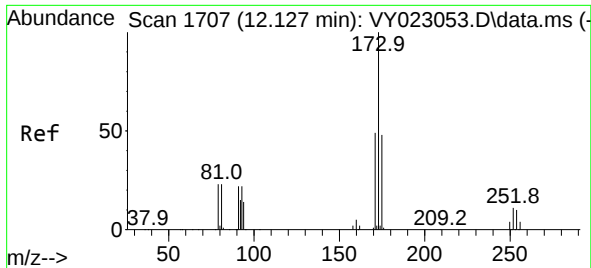
Tgt Ion:106 Resp: 490700
Ion Ratio Lower Upper
106 100
91 205.6 103.2 309.4



#70
Styrene
Concen: 54.087 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:104 Resp: 821780
Ion Ratio Lower Upper
104 100
78 45.9 38.5 57.7
103 54.1 43.7 65.5

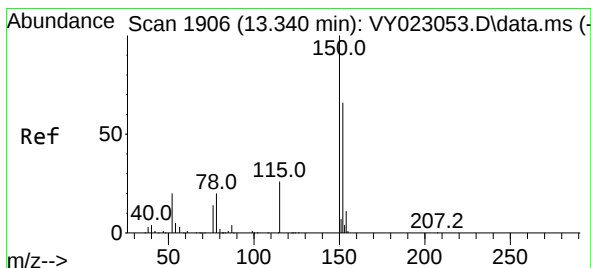
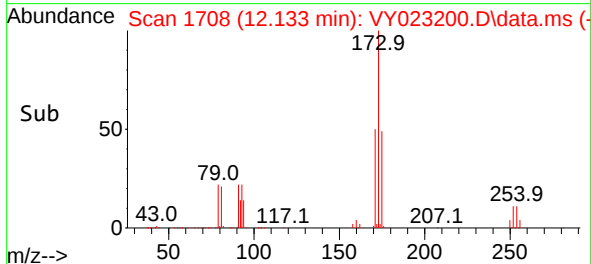
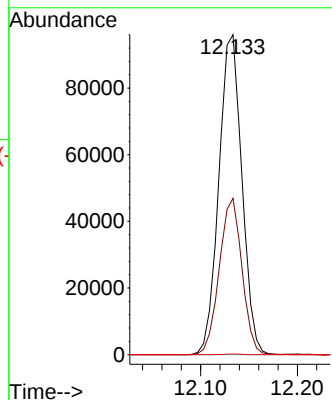
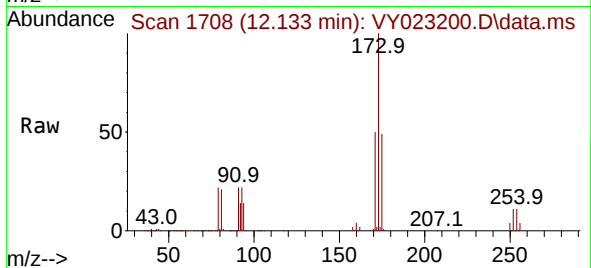




#71
Bromoform
Concen: 54.237 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

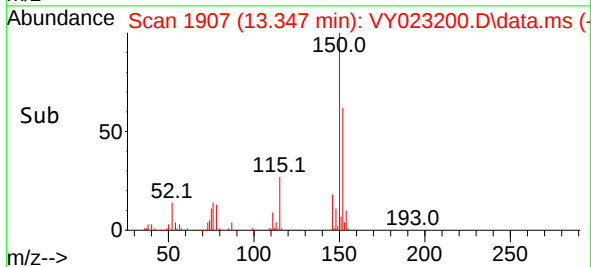
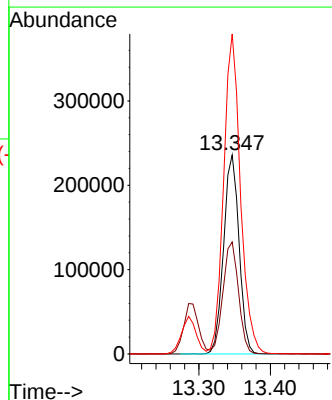
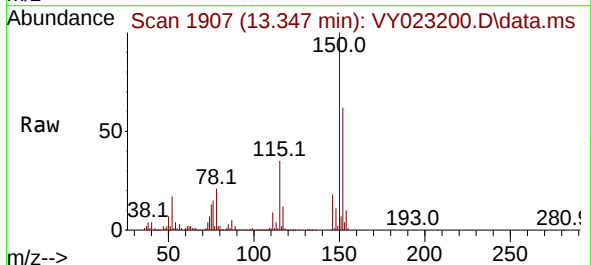
Instrument :
MSVOA_Y
ClientSampleId :

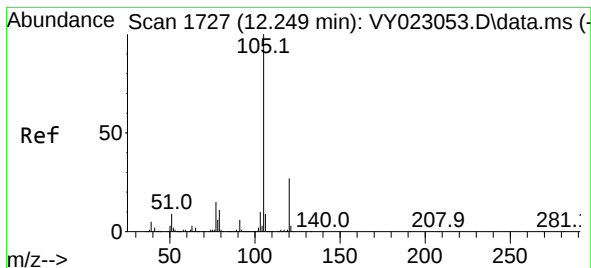
Tgt Ion:173 Resp: 158779
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:152 Resp: 354616
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.6
150 174.6 0.0 348.0





#73

Isopropylbenzene

Concen: 51.175 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

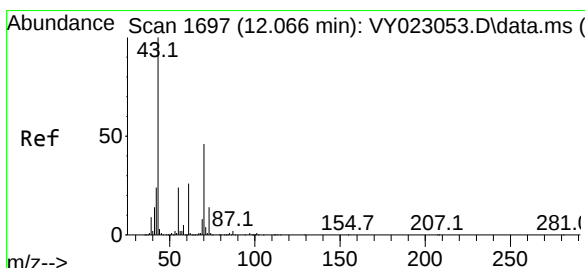
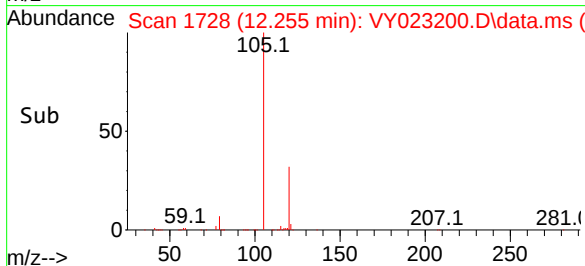
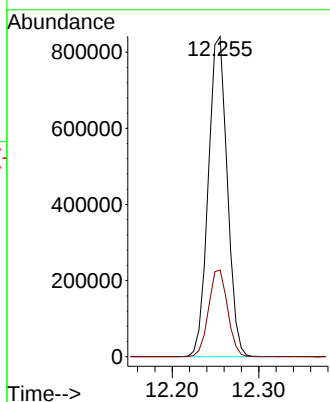
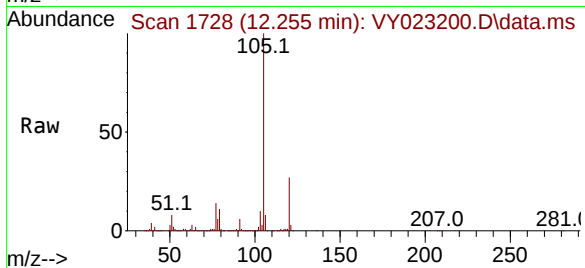
ClientSampleId :

Tgt Ion:105 Resp: 1280832

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 47.664 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Tgt Ion: 43 Resp: 252987

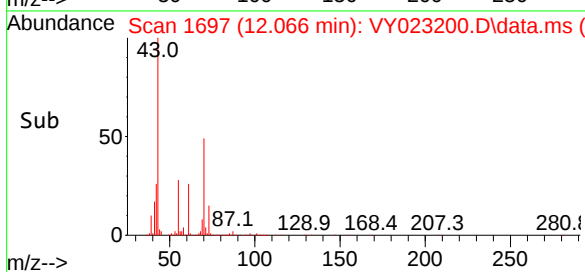
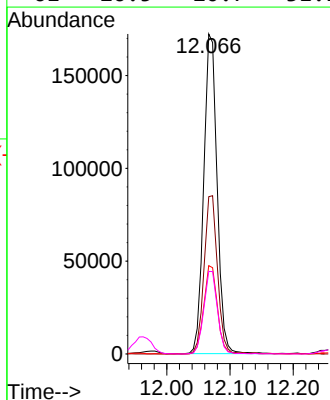
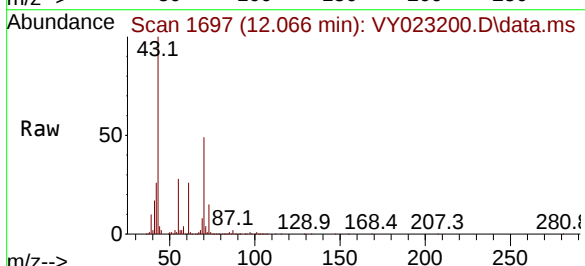
Ion Ratio Lower Upper

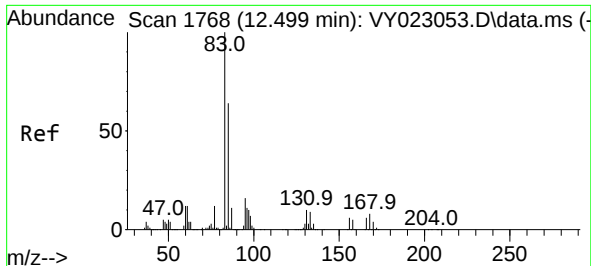
43 100

70 50.0 37.5 56.3

55 28.1 20.7 31.1

61 26.5 20.7 31.1

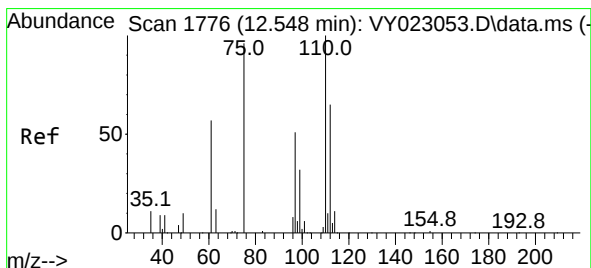
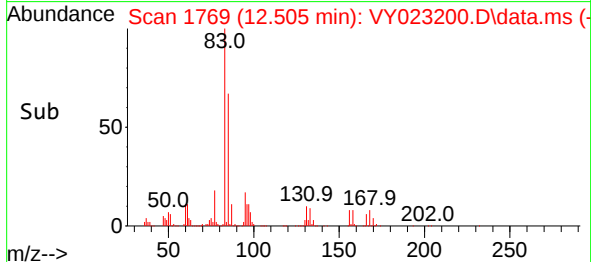
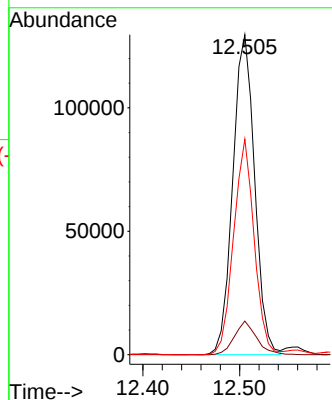
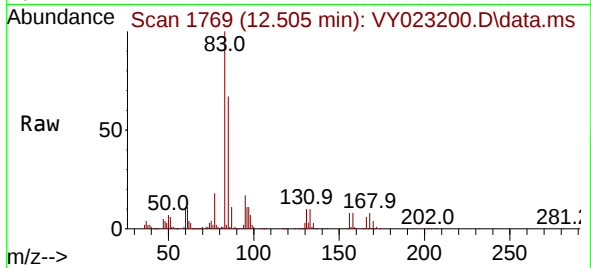




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.667 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

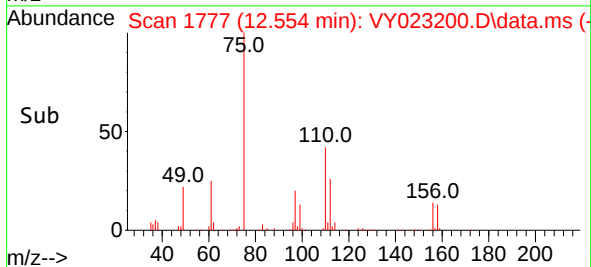
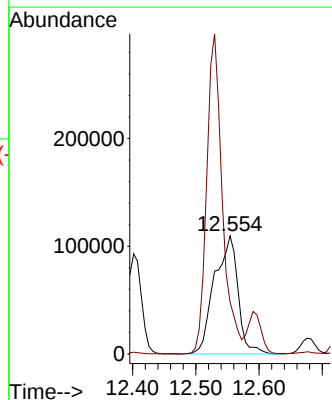
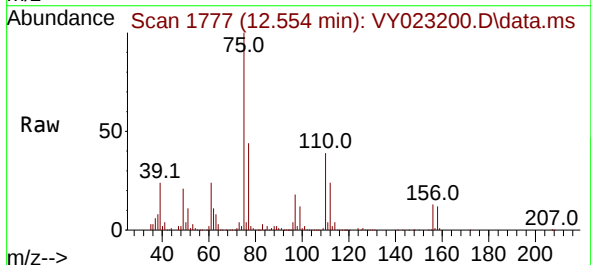
Instrument :
 MSVOA_Y
 ClientSampleId :

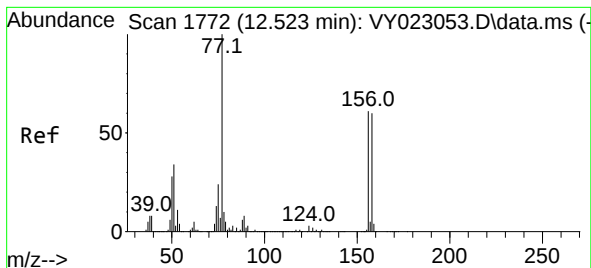
Tgt Ion: 83 Resp: 203707
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 63.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 82.332 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

Tgt Ion: 75 Resp: 281773
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.321 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

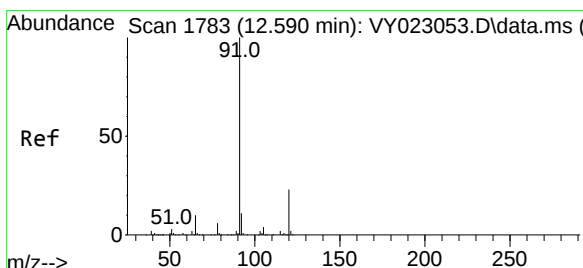
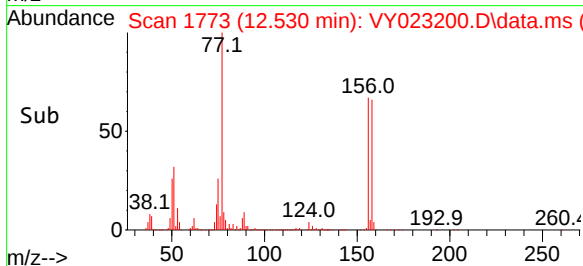
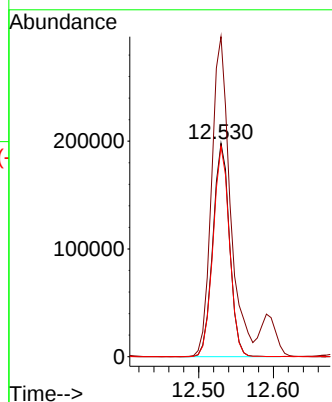
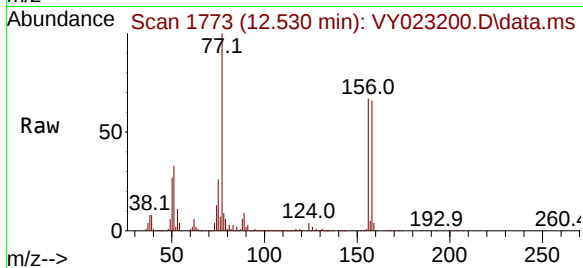
Tgt Ion:156 Resp: 306441

Ion Ratio Lower Upper

156 100

77 167.5 88.1 264.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 50.975 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023200.D

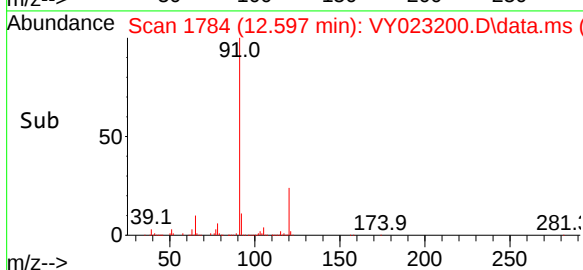
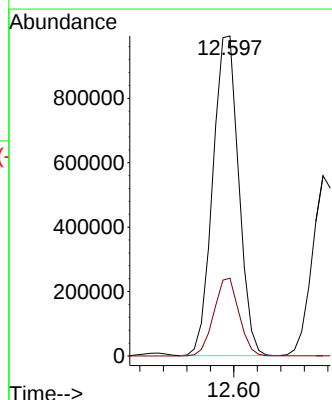
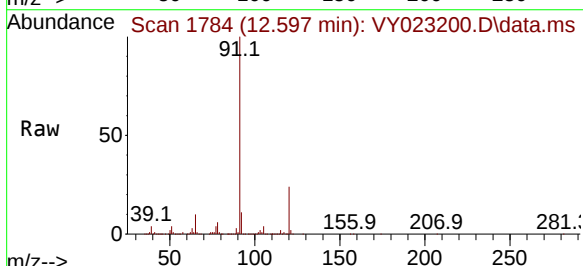
Acq: 25 Aug 2025 09:10

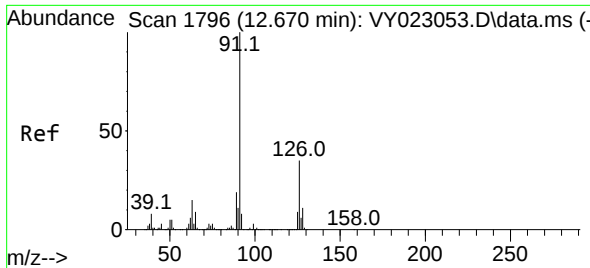
Tgt Ion: 91 Resp: 1518966

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.5

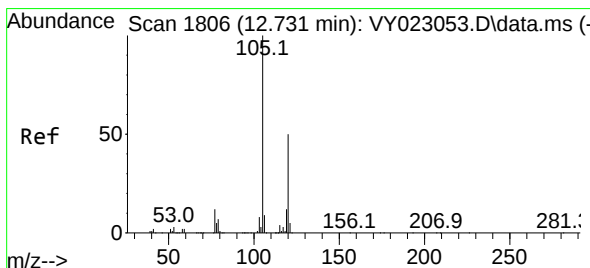
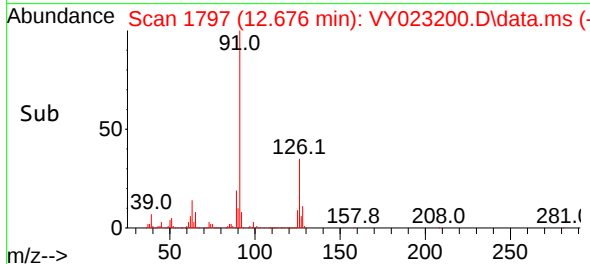
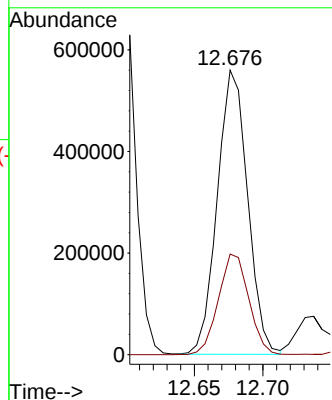
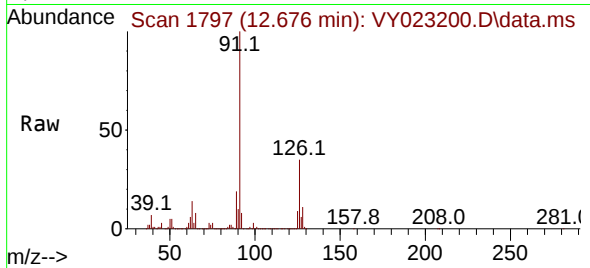




#79
2-Chlorotoluene
Concen: 50.475 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

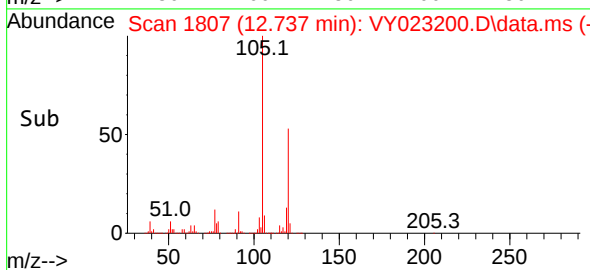
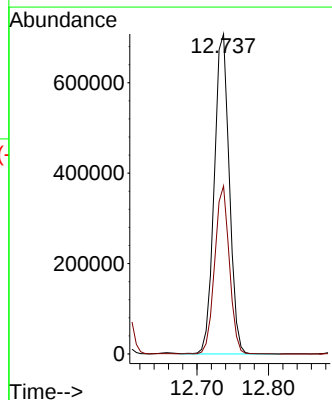
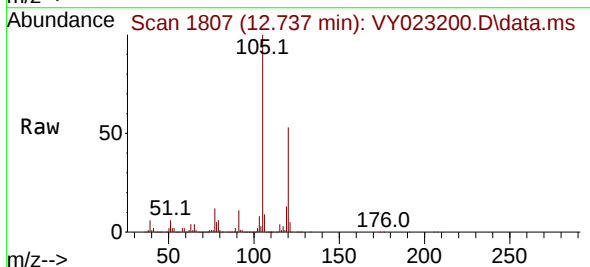
Instrument :
MSVOA_Y
ClientSampleId :

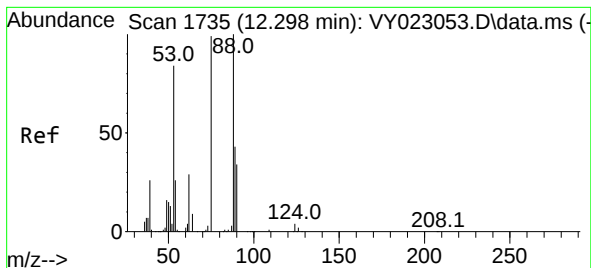
Tgt Ion: 91 Resp: 861756
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.061 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:105 Resp: 1032845
Ion Ratio Lower Upper
105 100
120 51.2 24.8 74.4

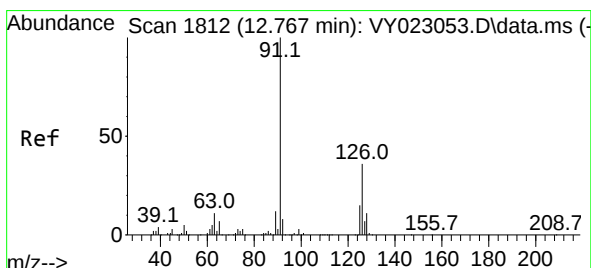
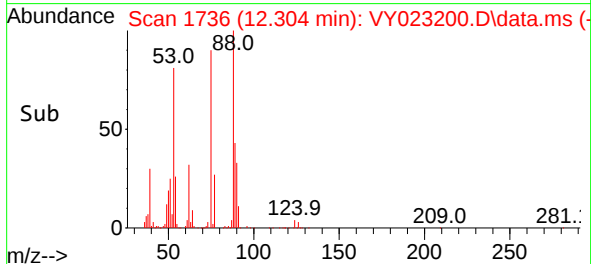
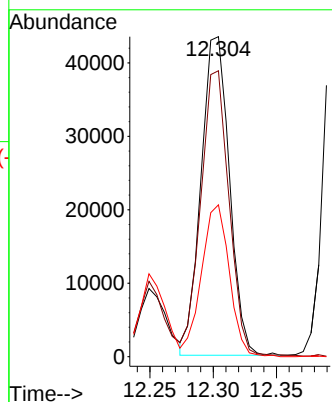
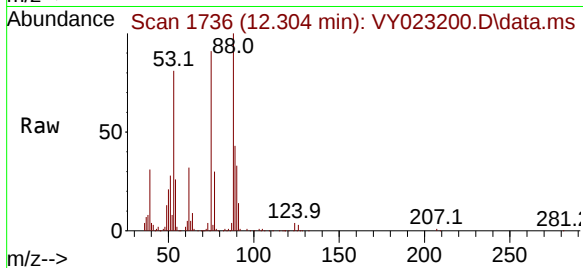




#81
trans-1,4-Dichloro-2-butene
Concen: 47.893 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

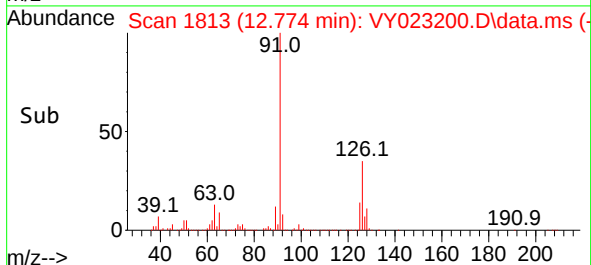
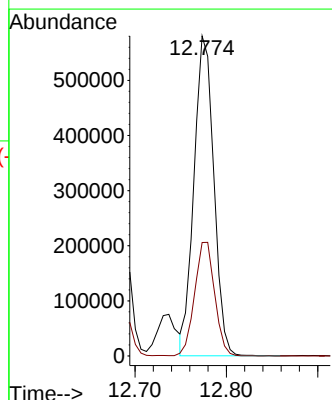
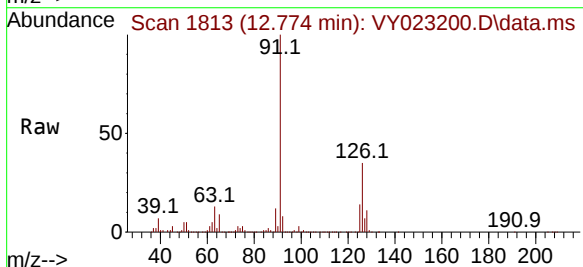
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67712
Ion Ratio Lower Upper
75 100
53 89.3 70.8 106.2
89 47.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 49.380 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion: 91 Resp: 874581
Ion Ratio Lower Upper
91 100
126 36.0 17.3 52.0

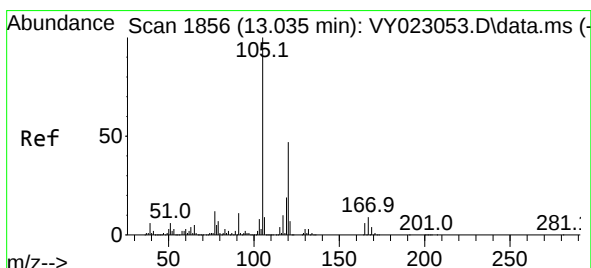
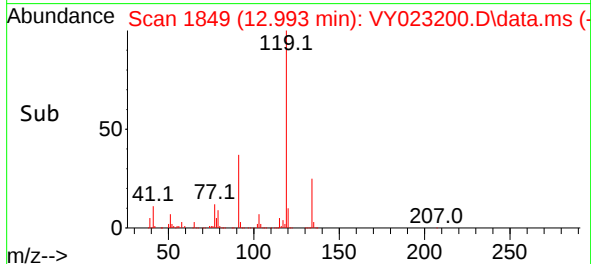
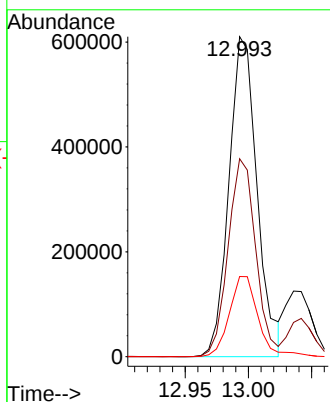
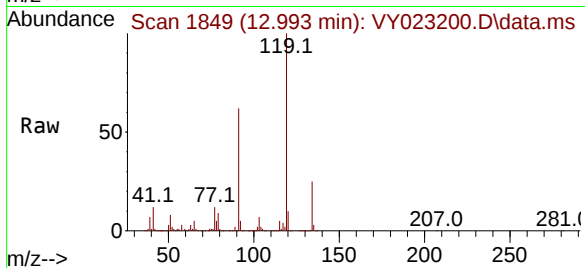




#83
tert-Butylbenzene
Concen: 51.799 ug/l
RT: 12.993 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

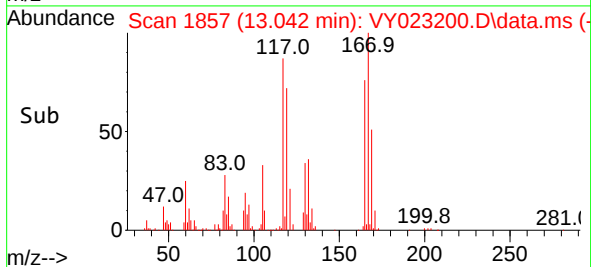
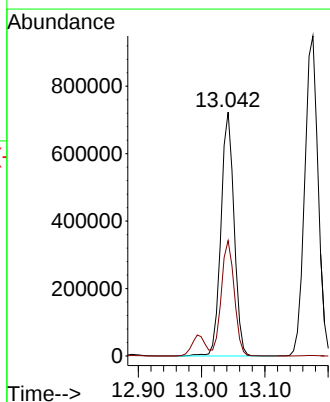
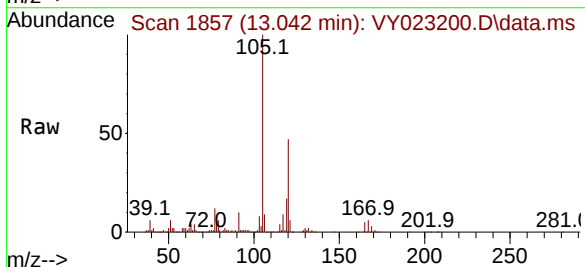
Instrument :
MSVOA_Y
ClientSampleId :

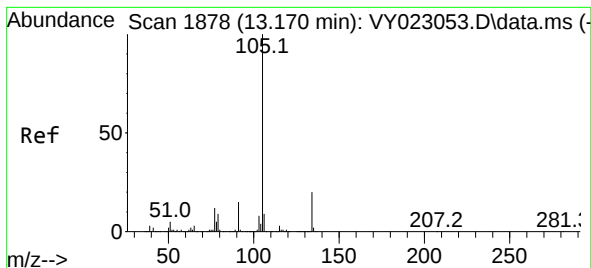
Tgt Ion:119 Resp: 946313
Ion Ratio Lower Upper
119 100
91 60.7 31.6 94.8
134 25.7 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 51.357 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023200.D
Acq: 25 Aug 2025 09:10

Tgt Ion:105 Resp: 1034114
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.719 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

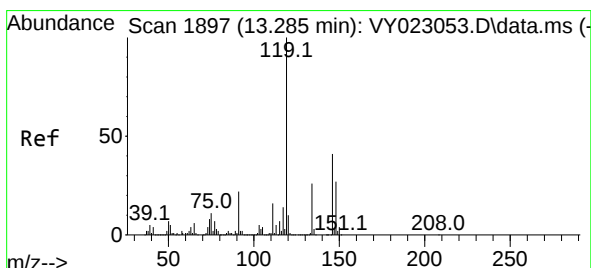
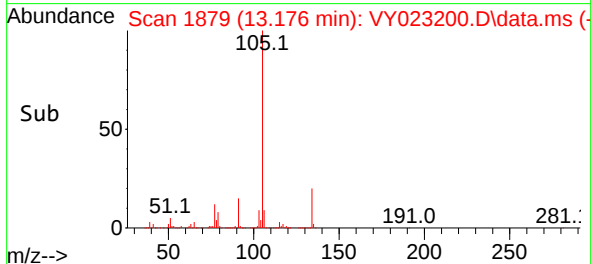
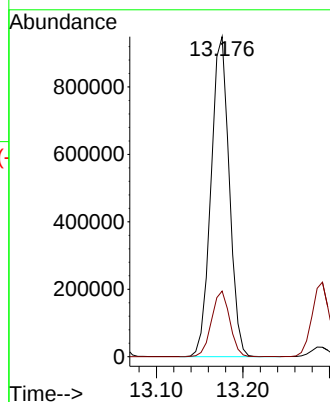
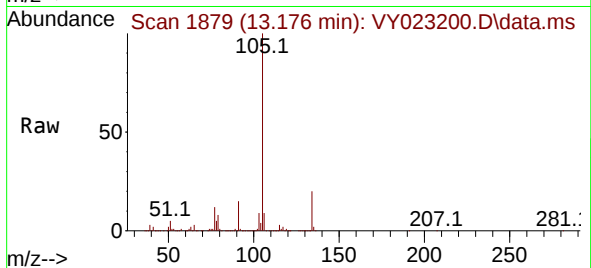
ClientSampleId :

Tgt Ion:105 Resp: 1387981

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.451 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

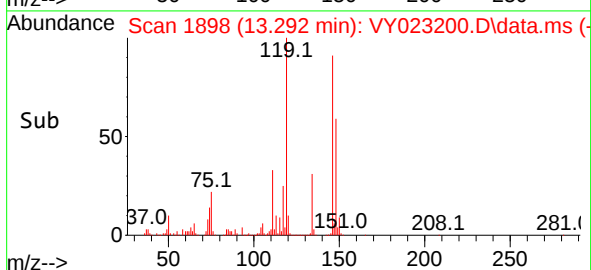
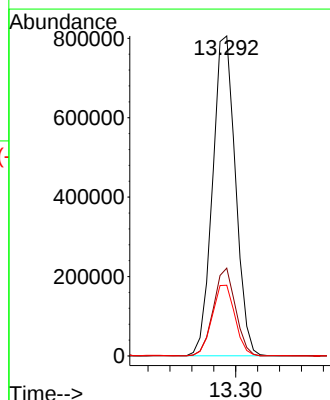
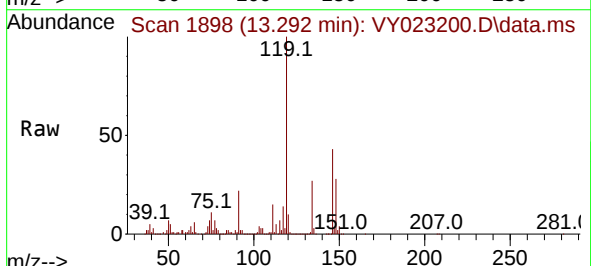
Tgt Ion:119 Resp: 1168412

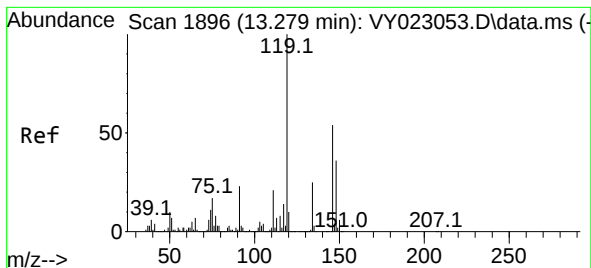
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 51.798 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

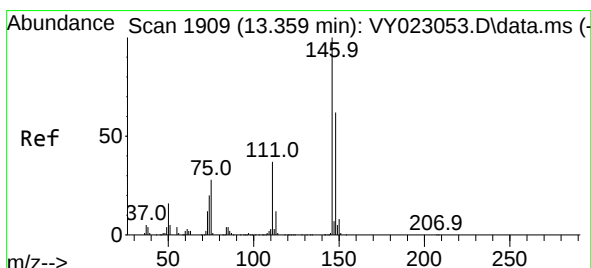
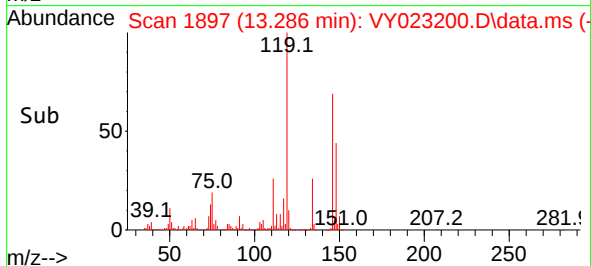
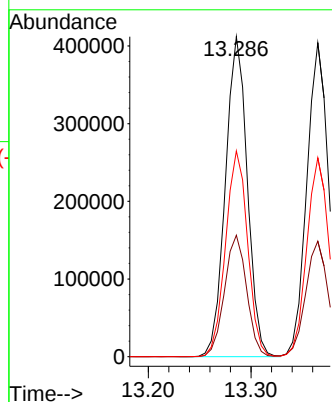
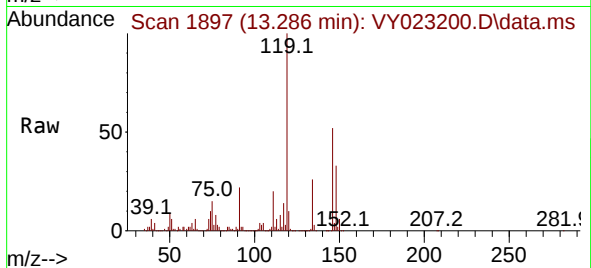
Tgt Ion:146 Resp: 609915

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

148 64.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 51.240 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

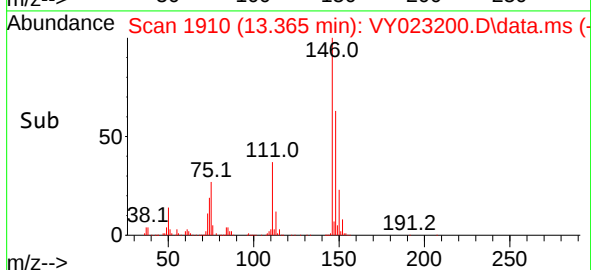
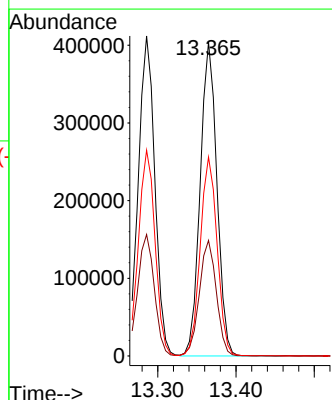
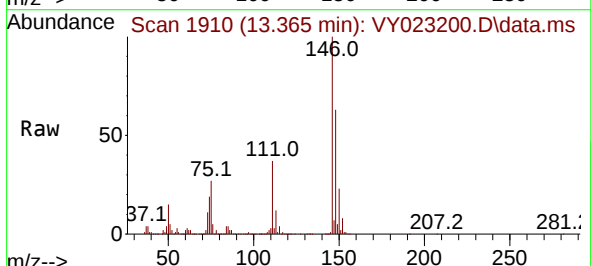
Tgt Ion:146 Resp: 598510

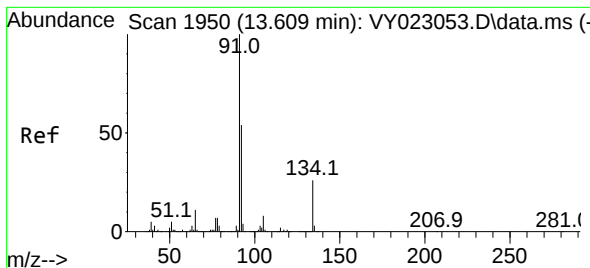
Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.1

148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 51.551 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

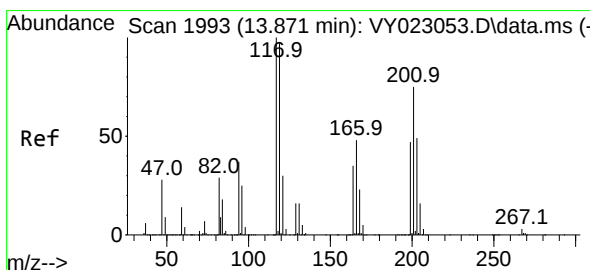
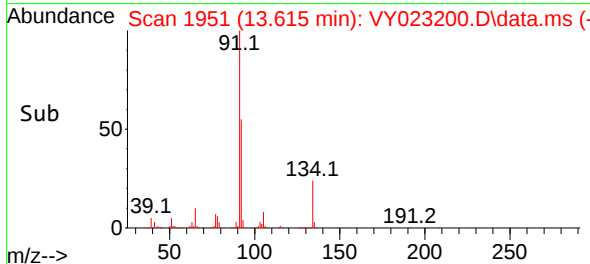
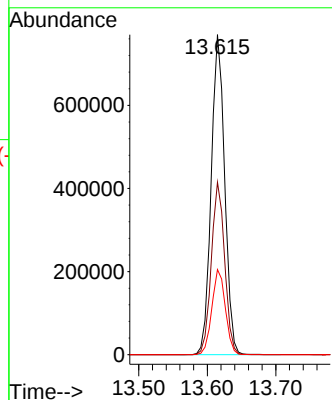
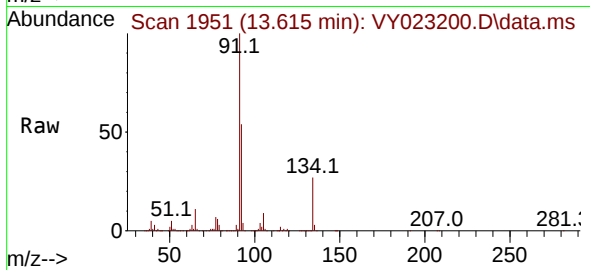
Tgt Ion: 91 Resp: 1054705

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 26.7 13.2 39.5



#90

Hexachloroethane

Concen: 51.385 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023200.D

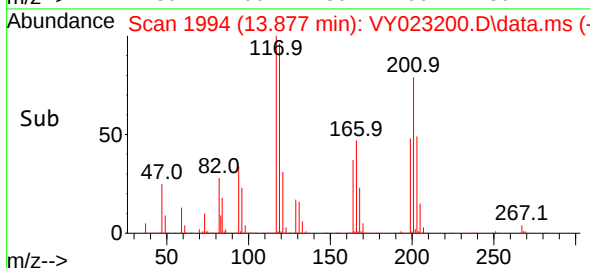
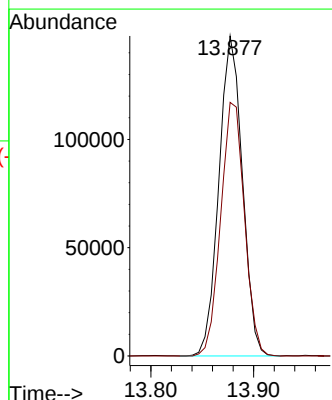
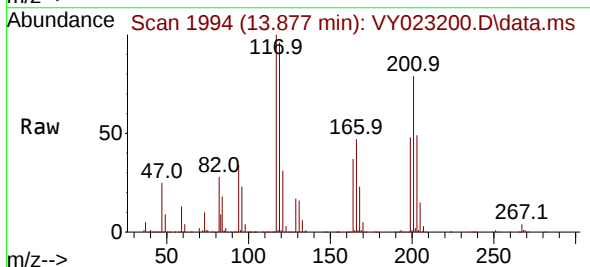
Acq: 25 Aug 2025 09:10

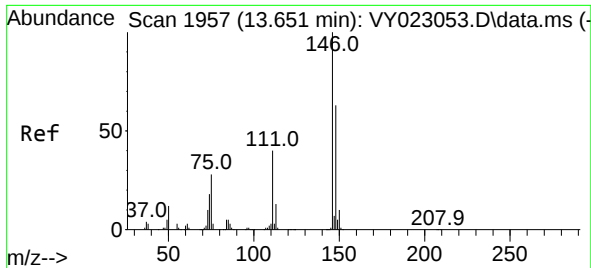
Tgt Ion: 117 Resp: 234324

Ion Ratio Lower Upper

117 100

201 80.2 38.4 115.1

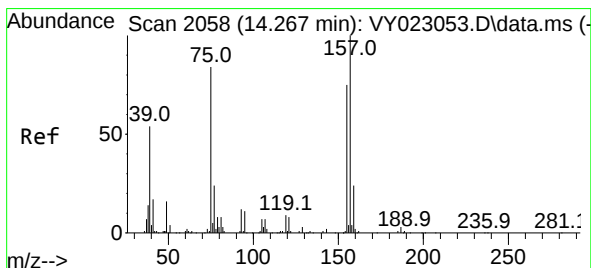
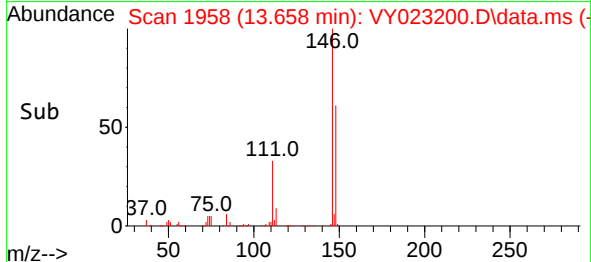
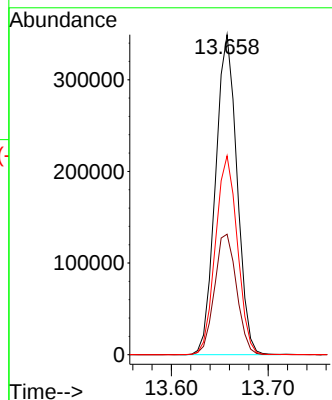
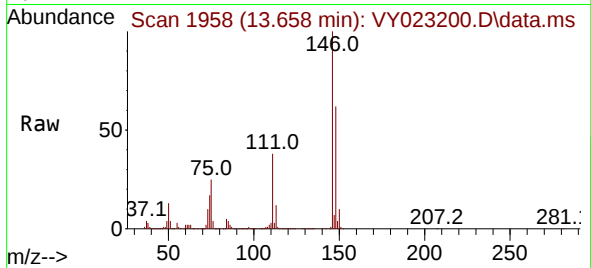




#91
 1,2-Dichlorobenzene
 Concen: 52.117 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

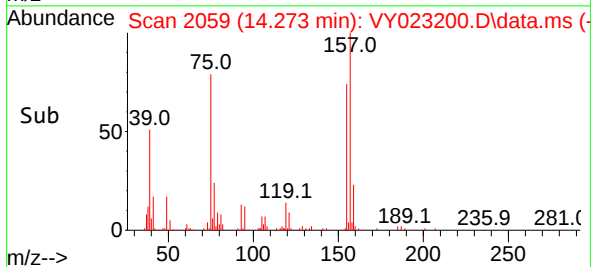
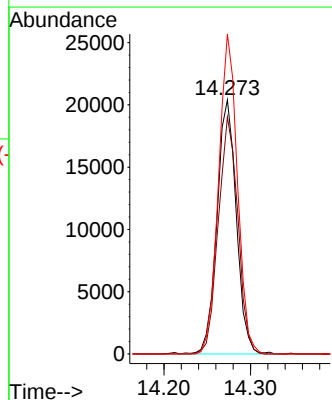
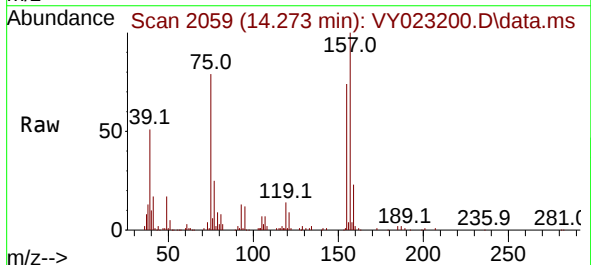
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:146 Resp: 538193
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.3 60.8
 148 63.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.511 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023200.D
 Acq: 25 Aug 2025 09:10

Tgt Ion: 75 Resp: 31613
 Ion Ratio Lower Upper
 75 100
 155 94.0 43.9 131.6
 157 122.7 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 51.110 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

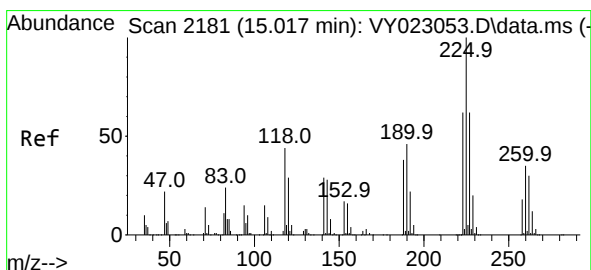
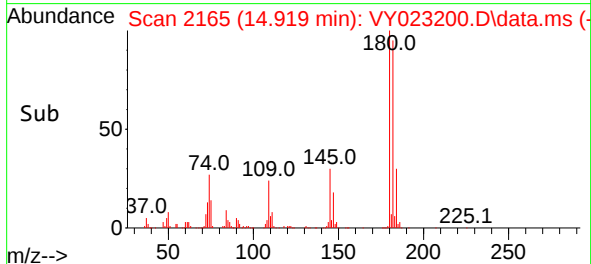
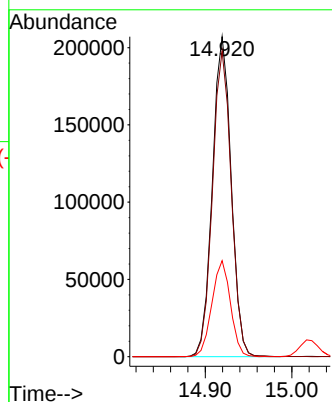
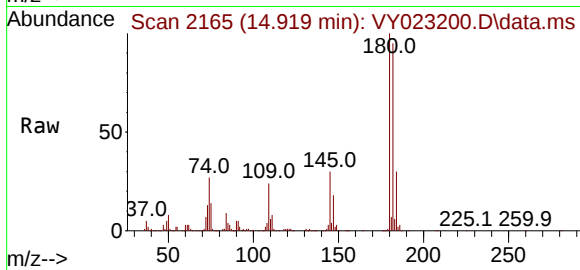
Tgt Ion:180 Resp: 312119

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

145 29.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 51.477 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

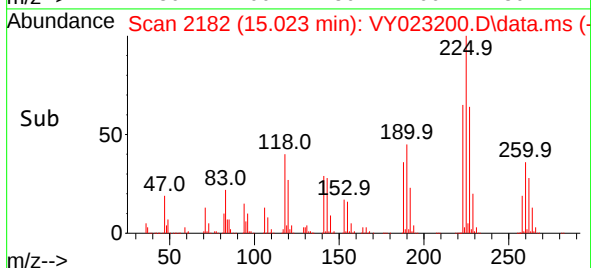
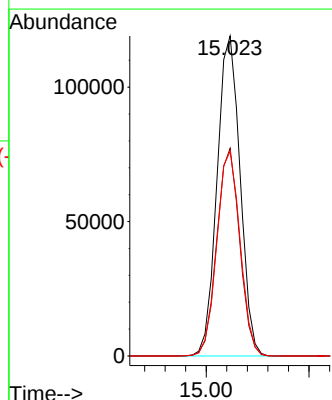
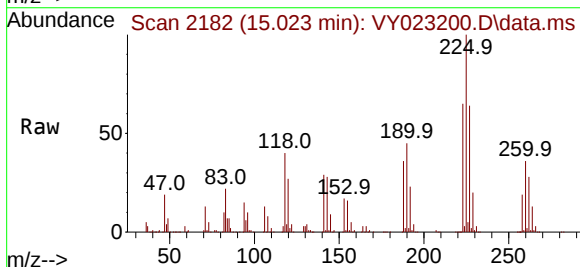
Tgt Ion:225 Resp: 184725

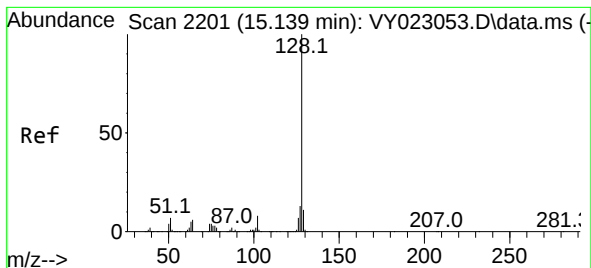
Ion Ratio Lower Upper

225 100

223 64.2 31.3 93.8

227 64.6 31.5 94.5





#95

Naphthalene

Concen: 51.400 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Instrument :

MSVOA_Y

ClientSampleId :

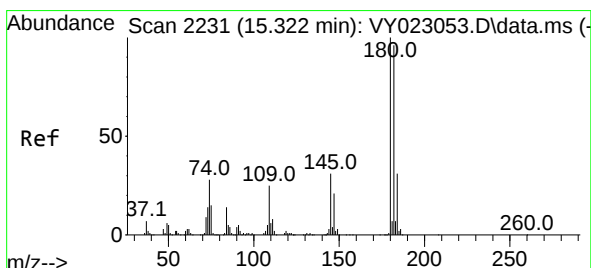
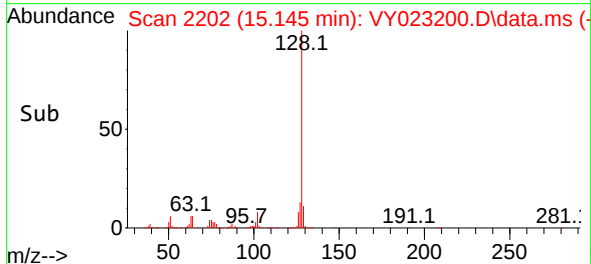
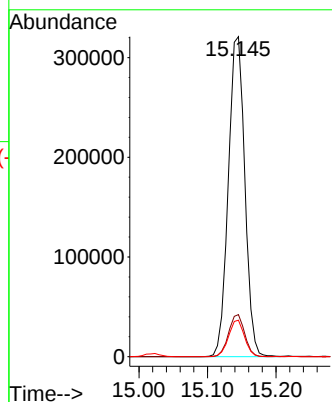
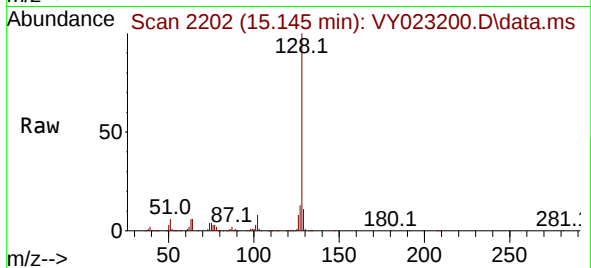
Tgt Ion:128 Resp: 535241

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.049 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023200.D

Acq: 25 Aug 2025 09:10

Tgt Ion:180 Resp: 268633

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 30.9 15.9 47.7

