

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023930.D
 Acq On : 10 Dec 2025 10:29
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 11 03:44:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:41:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	544798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	770805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	671754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	344869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	424207	88.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.140%#	
35) Dibromofluoromethane	7.640	113	453524	90.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 180.020%#	
50) Toluene-d8	10.109	98	1736931	92.589	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 185.180%#	
62) 4-Bromofluorobenzene	12.408	95	570715	91.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 182.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	374046	99.006	ug/l	99
3) Chloromethane	2.074	50	497706	102.547	ug/l	98
4) Vinyl Chloride	2.214	62	641557	106.975	ug/l	100
5) Bromomethane	2.598	94	482587	94.514	ug/l	99
6) Chloroethane	2.745	64	440725	104.300	ug/l	98
7) Trichlorofluoromethane	3.068	101	927543	102.729	ug/l	99
8) Diethyl Ether	3.464	74	255002	102.806	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	533583	101.404	ug/l	99
10) Methyl Iodide	4.013	142	695995	107.386	ug/l	99
11) Tert butyl alcohol	4.872	59	130057	466.280	ug/l	98
12) 1,1-Dichloroethene	3.799	96	525215	106.234	ug/l	98
13) Acrolein	3.659	56	236063	529.167	ug/l	99
14) Allyl chloride	4.397	41	698557	110.427	ug/l	99
15) Acrylonitrile	5.067	53	497682	503.593	ug/l	99
16) Acetone	3.879	43	588855	506.317	ug/l	100
17) Carbon Disulfide	4.116	76	1510859	115.076	ug/l	100
18) Methyl Acetate	4.391	43	217452	99.779	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	1241927	105.045	ug/l	97
20) Methylene Chloride	4.622	84	526380	92.890	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	576582	106.235	ug/l	99
22) Diisopropyl ether	6.031	45	1571651	109.107	ug/l	97
23) Vinyl Acetate	5.970	43	4420619	552.319	ug/l	99
24) 1,1-Dichloroethane	5.927	63	949749	105.781	ug/l	99
25) 2-Butanone	6.903	43	696883	468.153	ug/l	97
26) 2,2-Dichloropropane	6.890	77	881907	105.198	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	666069	106.905	ug/l	100
28) Bromochloromethane	7.250	49	363375	107.429	ug/l	98
29) Tetrahydrofuran	7.268	42	396461	522.229	ug/l	99
30) Chloroform	7.427	83	1004444	102.415	ug/l	98
31) Cyclohexane	7.707	56	869328	105.238	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	940345	103.394	ug/l	100
36) 1,1-Dichloropropene	7.841	75	742831	108.289	ug/l	99
37) Ethyl Acetate	6.994	43	287978	103.094	ug/l	99
38) Carbon Tetrachloride	7.823	117	871470	104.812	ug/l	99
39) Methylcyclohexane	9.116	83	1033665	112.788	ug/l	99
40) Benzene	8.085	78	2237501	107.112	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	164042	106.750	ug/l	96
42) 1,2-Dichloroethane	8.165	62	566250	103.368	ug/l	99
43) Isopropyl Acetate	8.201	43	562868	106.991	ug/l	99
44) Trichloroethene	8.872	130	640140	105.686	ug/l	99
45) 1,2-Dichloropropane	9.146	63	500327	106.155	ug/l	99
46) Dibromomethane	9.237	93	289462	104.275	ug/l	99
47) Bromodichloromethane	9.426	83	760962	104.204	ug/l	100
48) Methyl methacrylate	9.225	41	280661	114.598	ug/l	99
49) 1,4-Dioxane	9.231	88	61901	2000.211	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	1466545	526.134	ug/l	99
52) Toluene	10.176	92	1485004	107.431	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	696257	110.330	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	821602	110.483	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	387924	101.532	ug/l	98
56) Ethyl methacrylate	10.445	69	519799	114.760	ug/l	99
57) 1,3-Dichloropropane	10.719	76	640733	103.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1023941	521.892	ug/l	100
59) 2-Hexanone	10.762	43	1071941	506.704	ug/l	99
60) Dibromochloromethane	10.914	129	546331	103.280	ug/l	98
61) 1,2-Dibromoethane	11.018	107	362393	102.357	ug/l	99
64) Tetrachloroethene	10.652	164	724901	100.449	ug/l	97
65) Chlorobenzene	11.444	112	1621888	104.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	564417	103.390	ug/l	99
67) Ethyl Benzene	11.524	91	2838663	108.843	ug/l	99
68) m/p-Xylenes	11.633	106	2250360	217.359	ug/l	99
69) o-Xylene	11.957	106	1055734	109.007	ug/l	99
70) Styrene	11.975	104	1730932	110.631	ug/l	99
71) Bromoform	12.133	173	324370	100.825	ug/l #	98
73) Isopropylbenzene	12.255	105	2774932	110.101	ug/l	100
74) N-amyl acetate	12.072	43	527462	117.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	391425	101.996	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	545327	186.355	ug/l #	100
77) Bromobenzene	12.536	156	650727	104.056	ug/l	99
78) n-propylbenzene	12.597	91	3227485	110.064	ug/l	100
79) 2-Chlorotoluene	12.682	91	1800818	108.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	2224048	110.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	138326	107.932	ug/l	98
82) 4-Chlorotoluene	12.780	91	1835844	107.061	ug/l	100
83) tert-Butylbenzene	12.999	119	2040369	109.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	2175944	109.242	ug/l	100
85) sec-Butylbenzene	13.176	105	2947470	108.761	ug/l	100
86) p-Isopropyltoluene	13.292	119	2510830	109.456	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	1265255	104.184	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	1218161	101.758	ug/l	100
89) n-Butylbenzene	13.621	91	2233659	111.297	ug/l	100
90) Hexachloroethane	13.883	117	494823	105.710	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	1079519	102.596	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	60483	101.791	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	661243	106.924	ug/l	100
94) Hexachlorobutadiene	15.023	225	411063	101.406	ug/l	99
95) Naphthalene	15.145	128	1061310	110.988	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	546684	103.883	ug/l	99

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QLast Update : Thu Dec 11 03:41:20 2025
Response via : Initial Calibration

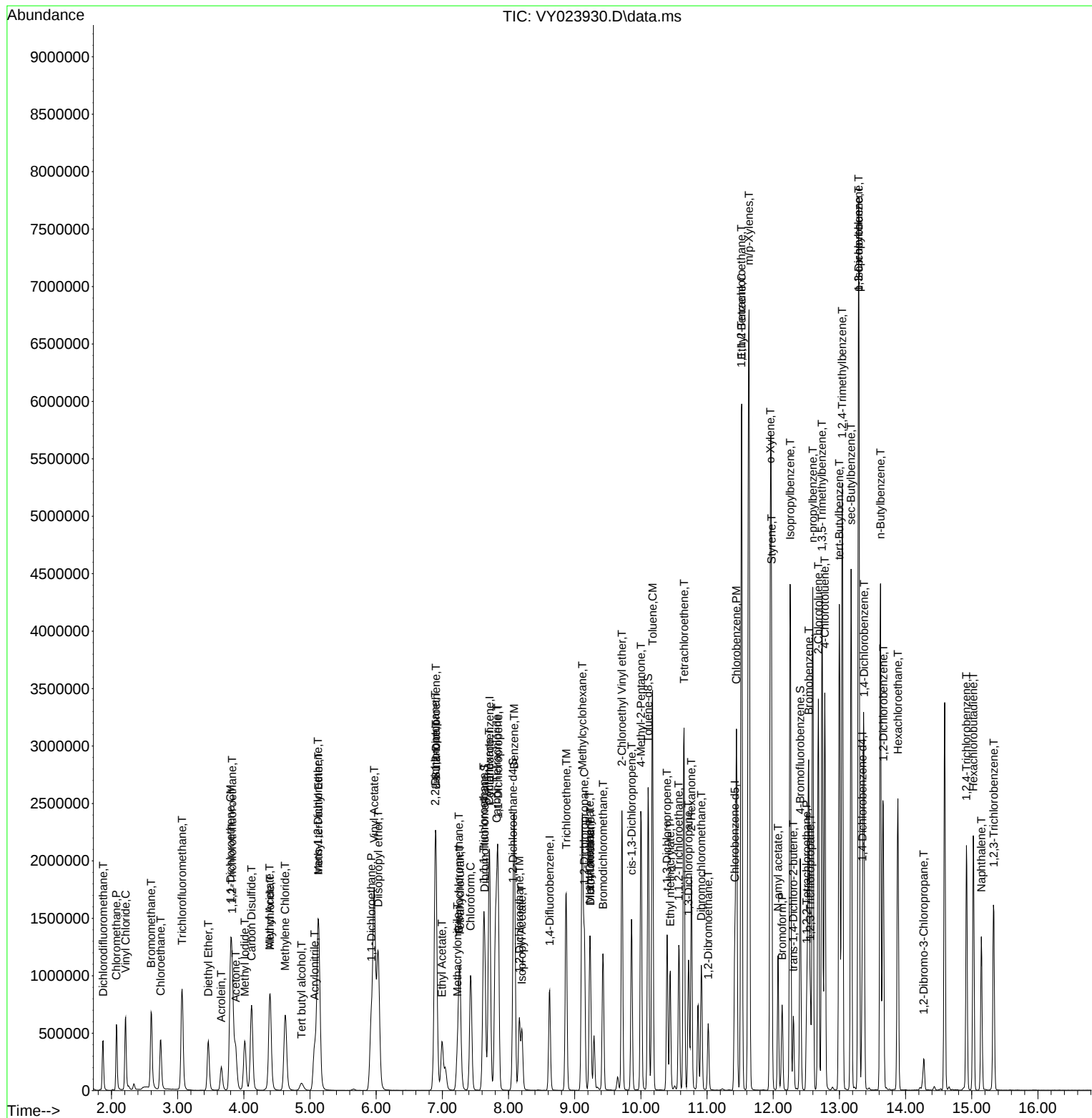
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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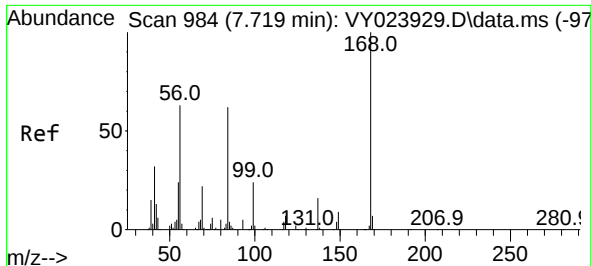
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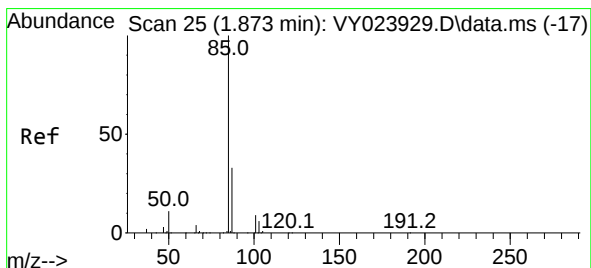
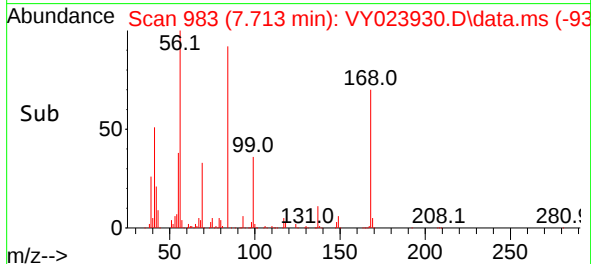
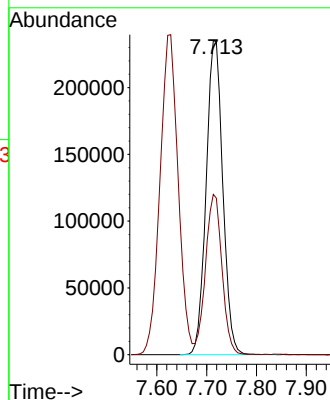
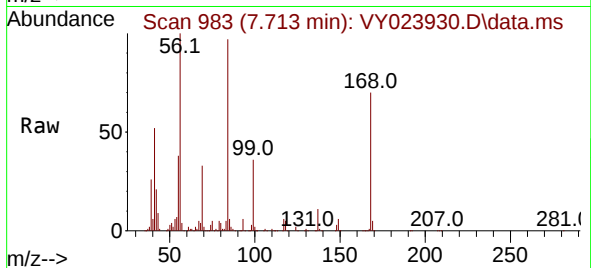




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023930.D
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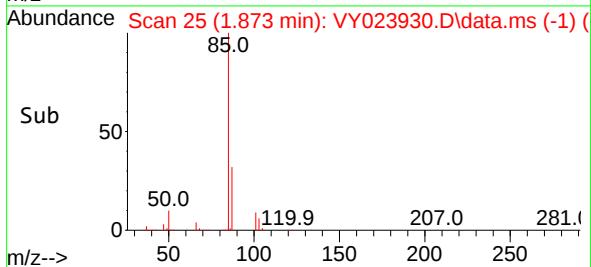
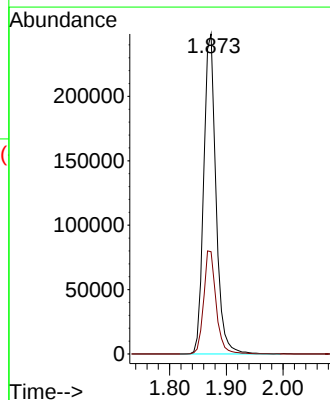
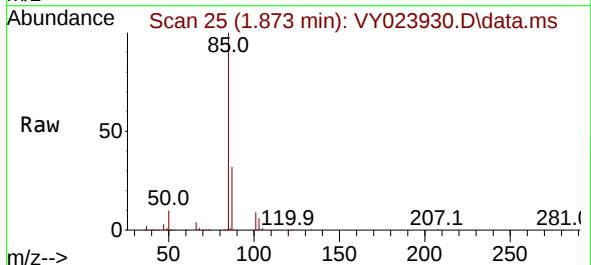
Instrument :
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ClientSampleId :
VSTDICC100

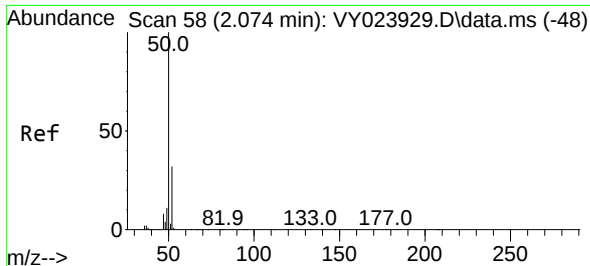
Tgt Ion:168 Resp: 544798
Ion Ratio Lower Upper
168 100
99 50.9 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 99.006 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 85 Resp: 374046
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1

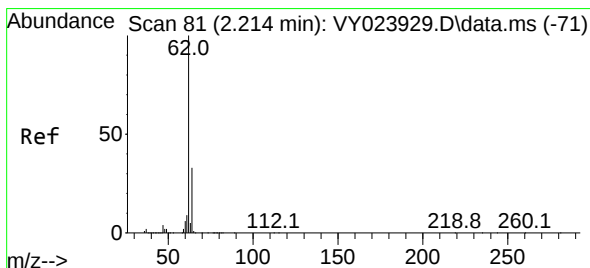
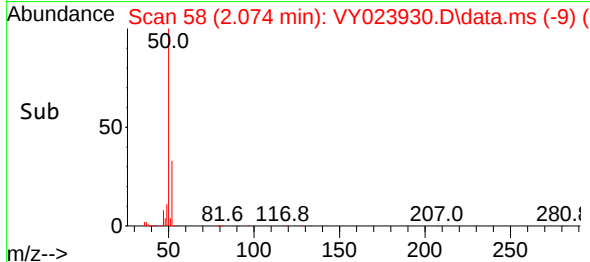
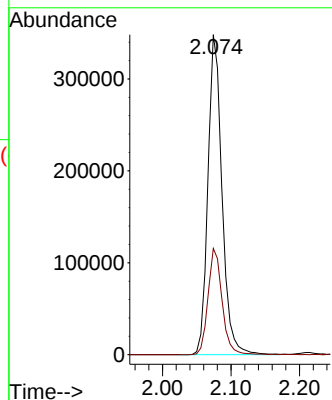
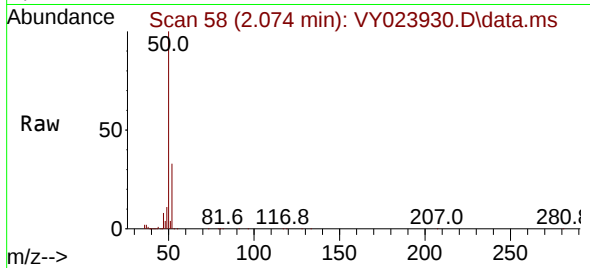




#3
Chloromethane
Concen: 102.547 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

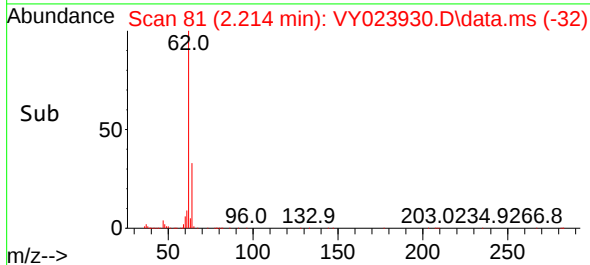
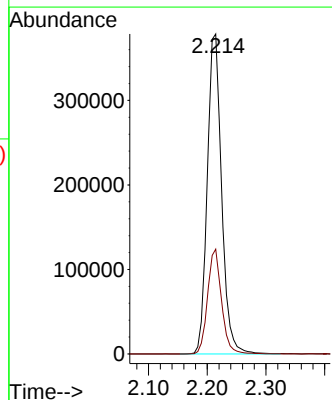
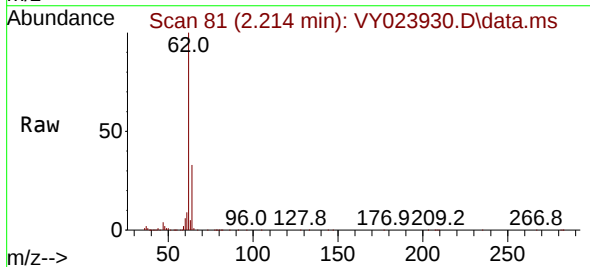
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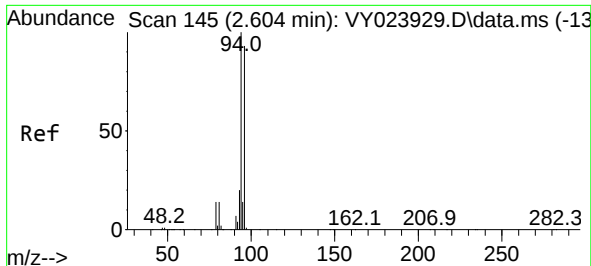
Tgt Ion: 50 Resp: 497706
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8



#4
Vinyl Chloride
Concen: 106.975 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 62 Resp: 641557
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.4

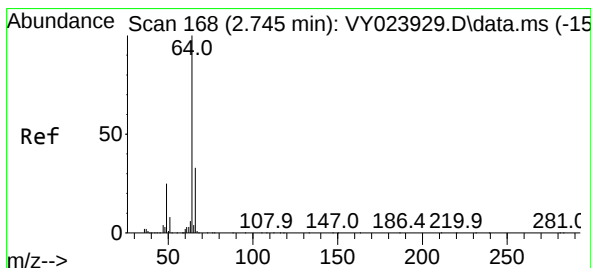
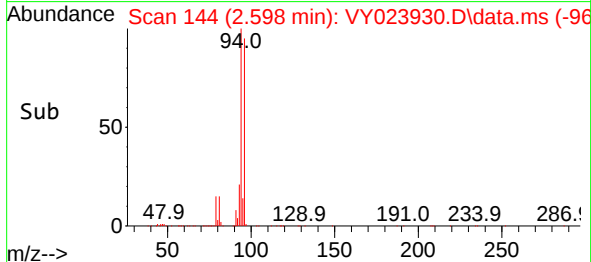
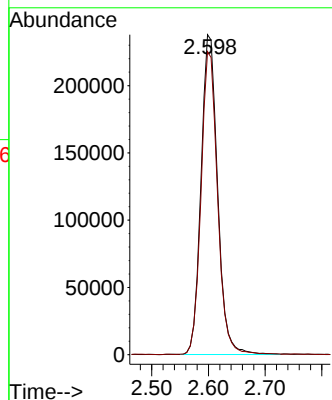
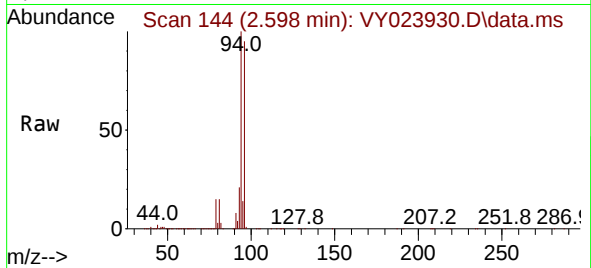




#5
Bromomethane
Concen: 94.514 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

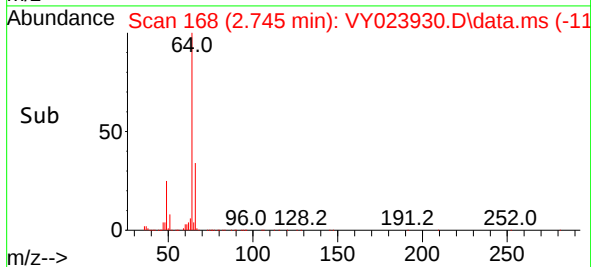
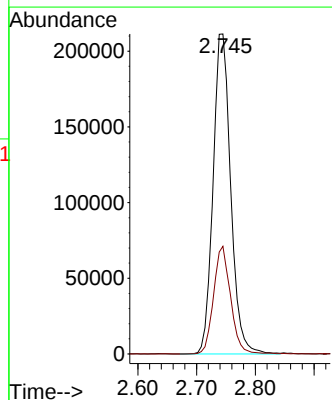
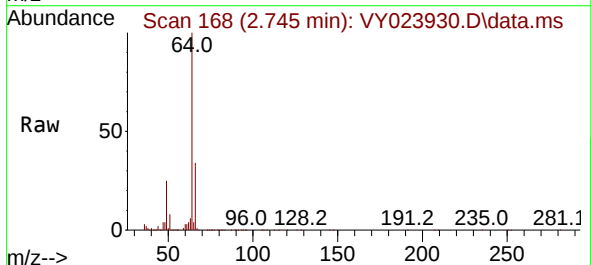
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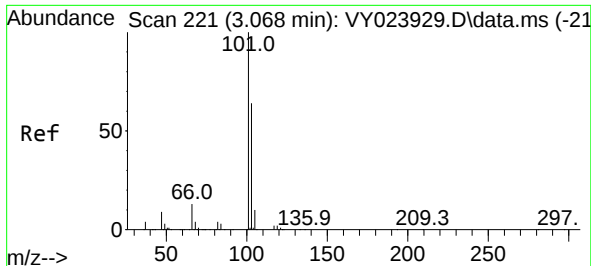
Tgt Ion: 94 Resp: 482587
Ion Ratio Lower Upper
94 100
96 94.6 74.8 112.2



#6
Chloroethane
Concen: 104.300 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 64 Resp: 440725
Ion Ratio Lower Upper
64 100
66 33.7 26.0 39.0

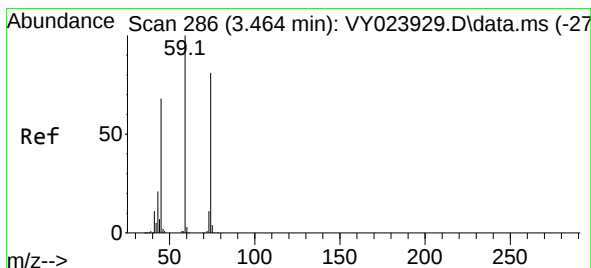
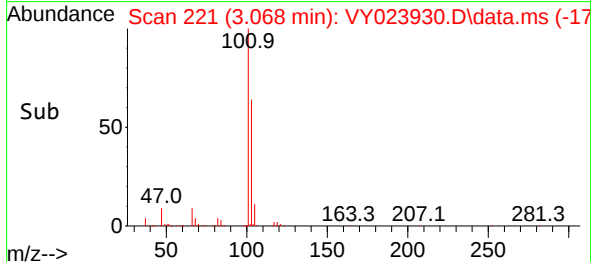
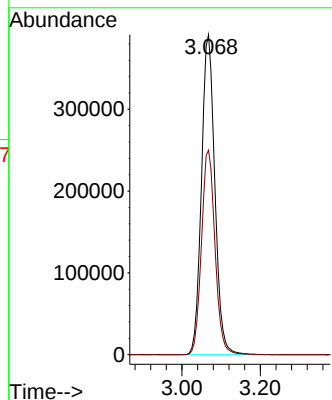
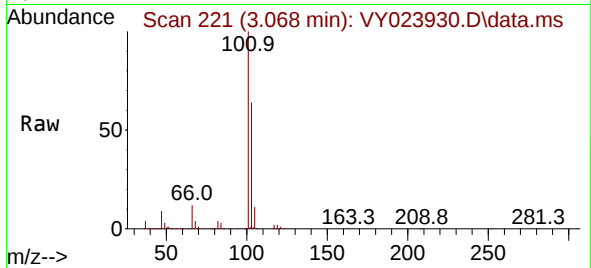




#7
 Trichlorofluoromethane
 Concen: 102.729 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023930.D
 Acq: 10 Dec 2025 10:29

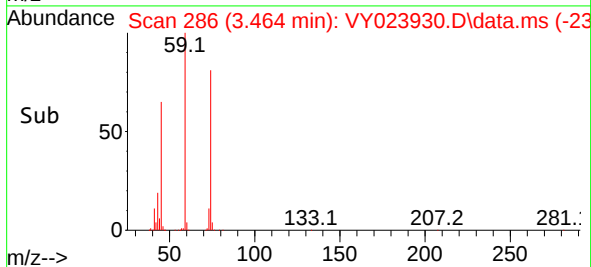
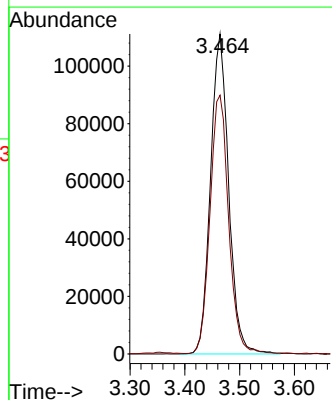
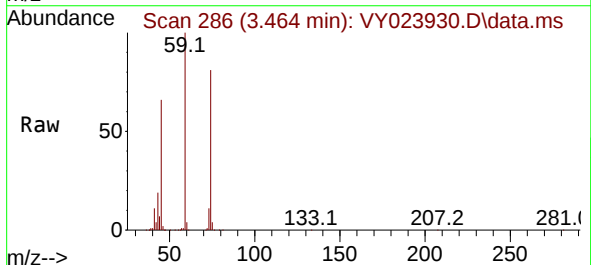
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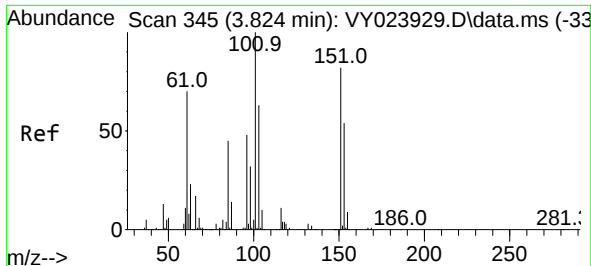
Tgt Ion:101 Resp: 927543
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 102.806 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY023930.D
 Acq: 10 Dec 2025 10:29

Tgt Ion: 74 Resp: 255002
 Ion Ratio Lower Upper
 74 100
 45 83.1 42.0 126.1

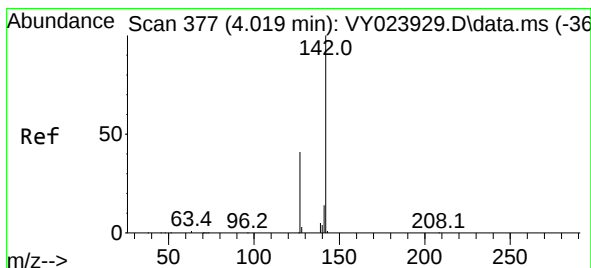
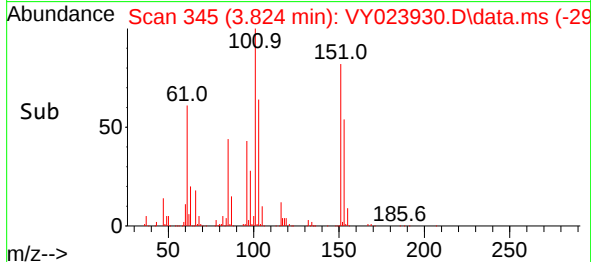
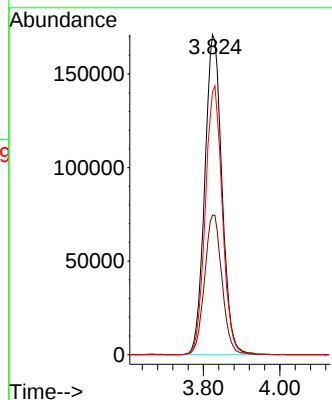
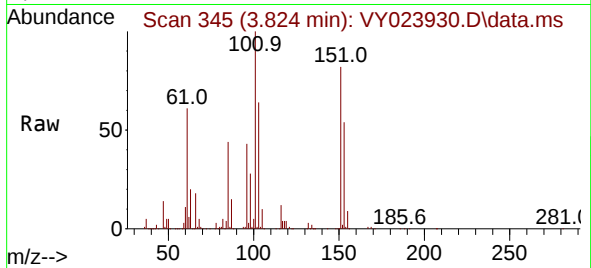




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.404 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

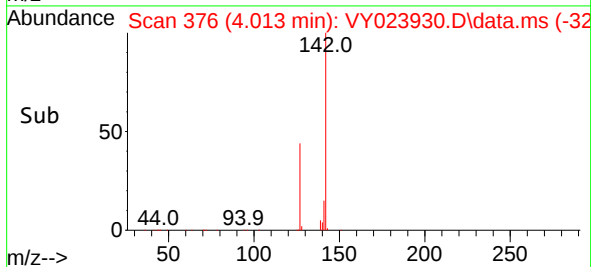
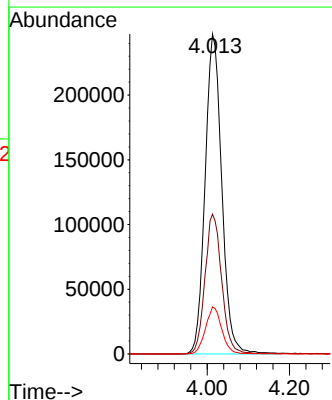
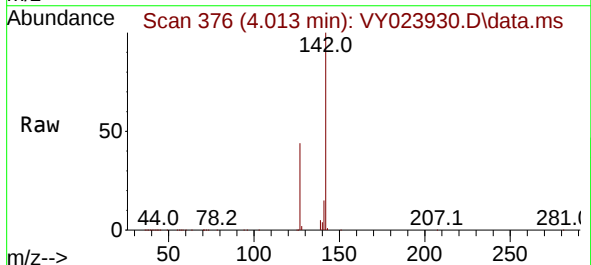
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

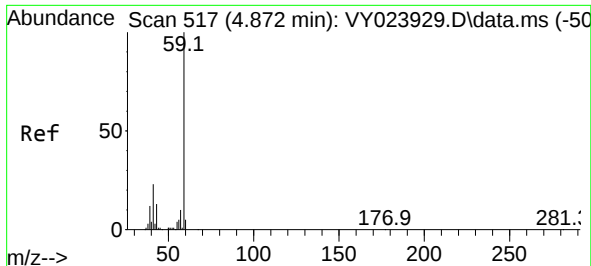
Tgt Ion:101 Resp: 533583
Ion Ratio Lower Upper
101 100
85 44.2 35.1 52.7
151 83.2 67.2 100.8



#10
Methyl Iodide
Concen: 107.386 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion:142 Resp: 695995
Ion Ratio Lower Upper
142 100
127 43.6 34.5 51.7
141 14.3 11.5 17.3

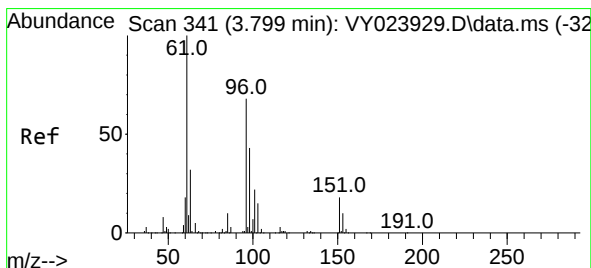
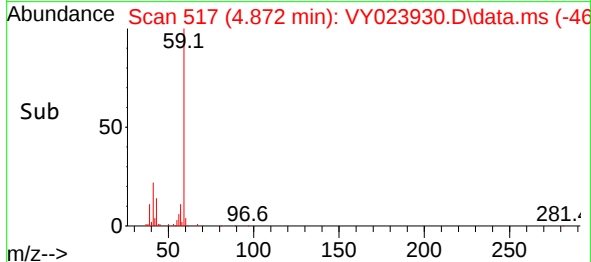
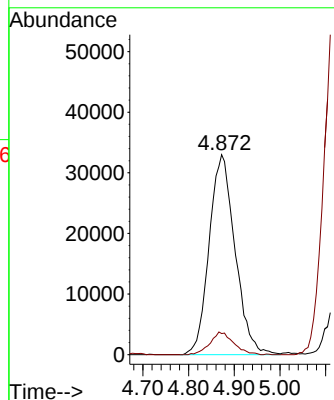
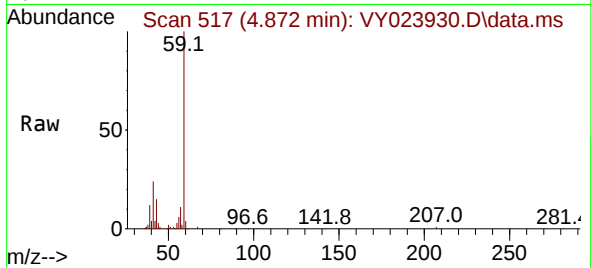




#11
Tert butyl alcohol
Concen: 466.280 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

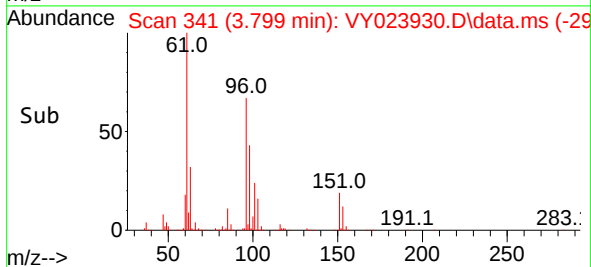
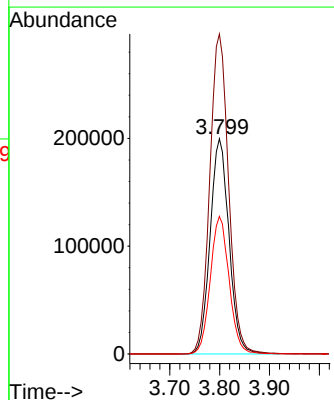
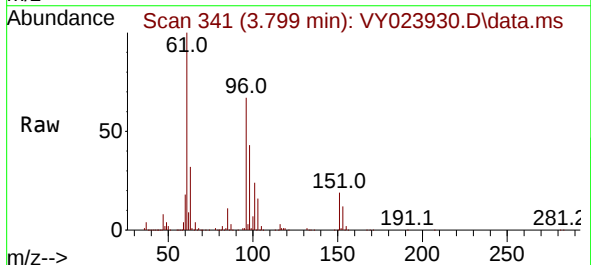
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

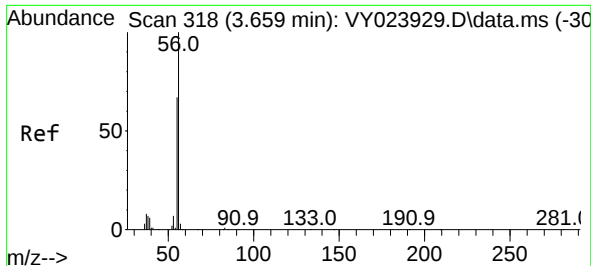
Tgt Ion: 59 Resp: 130057
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 106.234 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 96 Resp: 525215
Ion Ratio Lower Upper
96 100
61 148.7 117.0 175.6
98 64.0 50.5 75.7

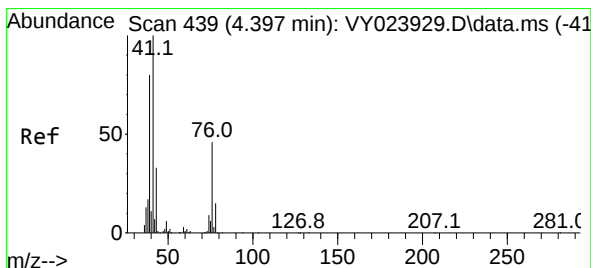
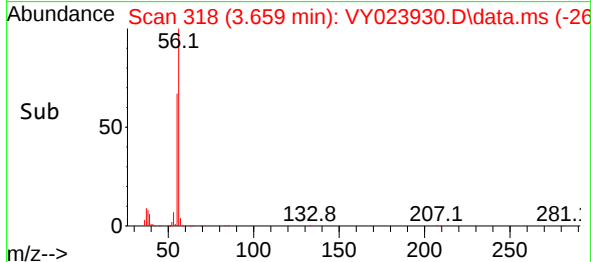
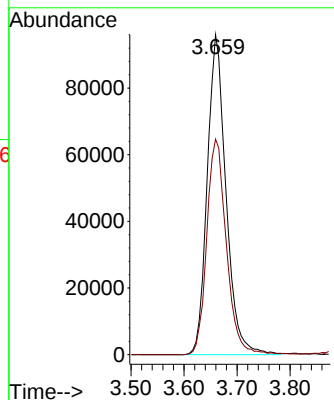
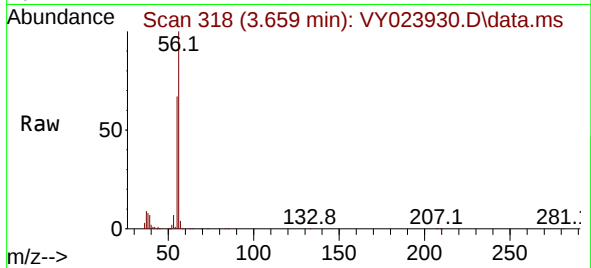




#13
Acrolein
Concen: 529.167 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

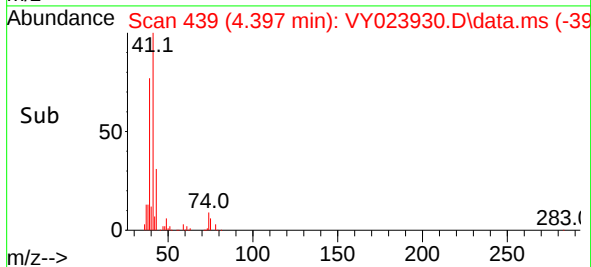
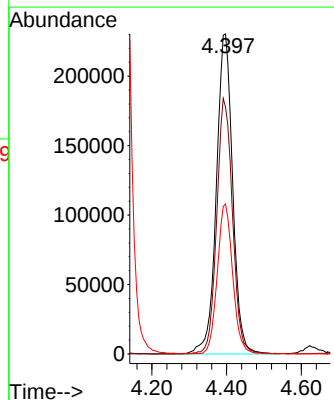
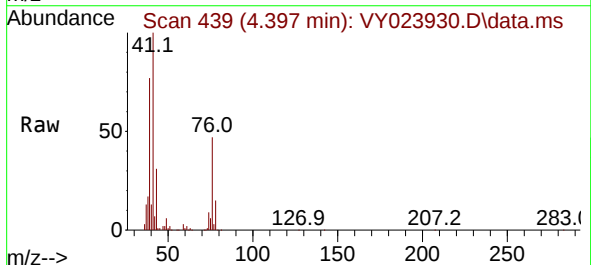
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

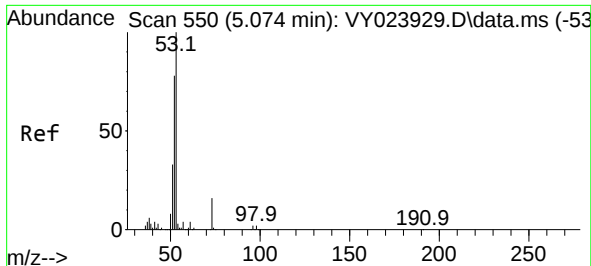
Tgt Ion: 56 Resp: 236063
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5



#14
Allyl chloride
Concen: 110.427 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 41 Resp: 698557
Ion Ratio Lower Upper
41 100
39 77.2 62.9 94.3
76 44.1 35.7 53.5

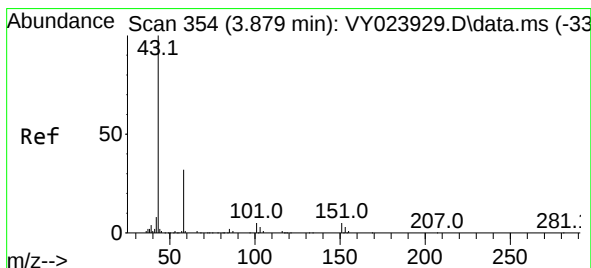
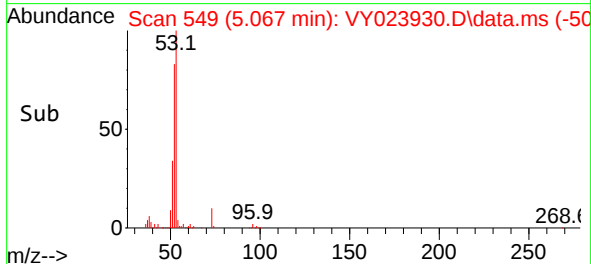
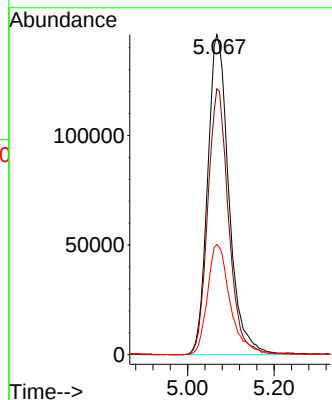
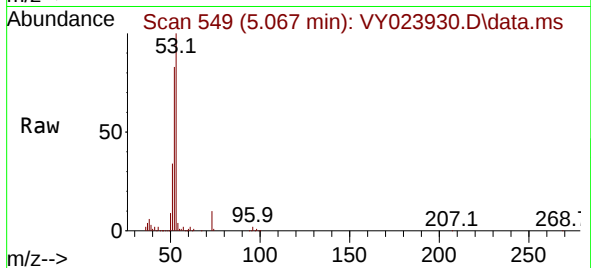




#15
Acrylonitrile
Concen: 503.593 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

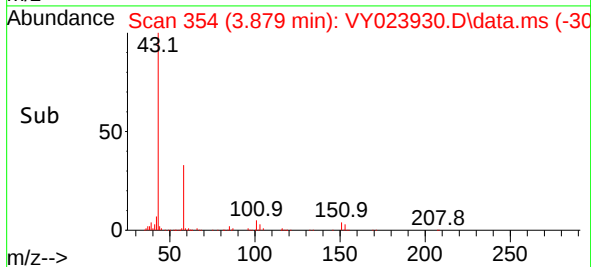
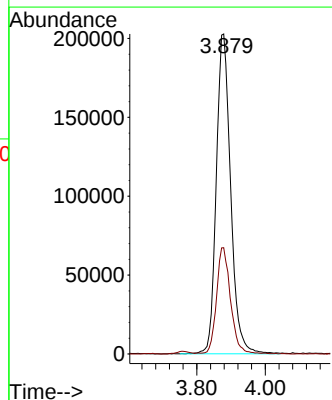
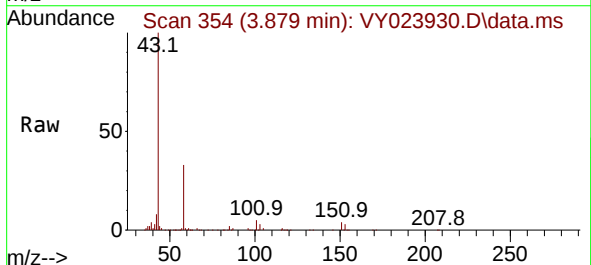
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

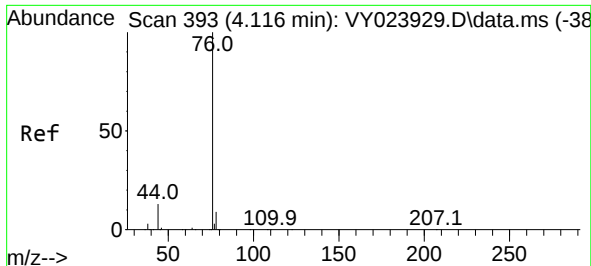
Tgt Ion: 53 Resp: 497682
Ion Ratio Lower Upper
53 100
52 81.7 64.2 96.2
51 37.0 29.3 43.9



#16
Acetone
Concen: 506.317 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 43 Resp: 588855
Ion Ratio Lower Upper
43 100
58 33.1 26.4 39.6

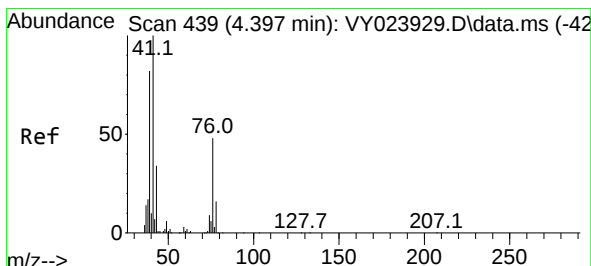
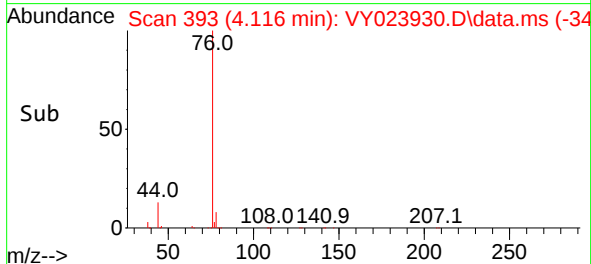
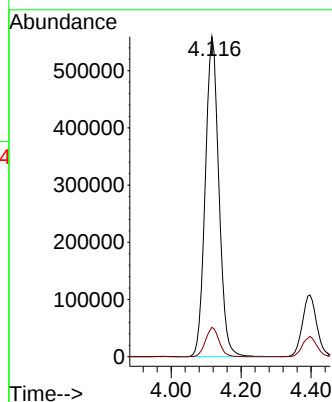
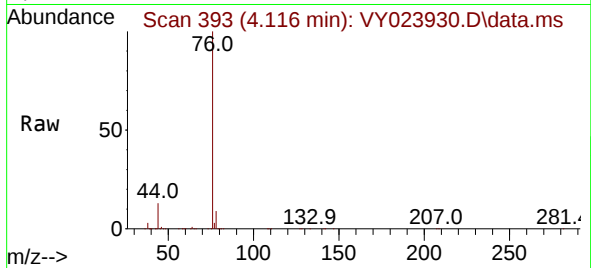




#17
Carbon Disulfide
Concen: 115.076 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

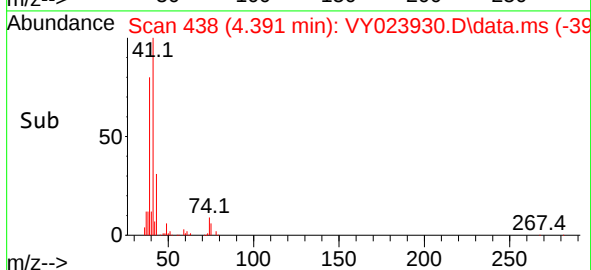
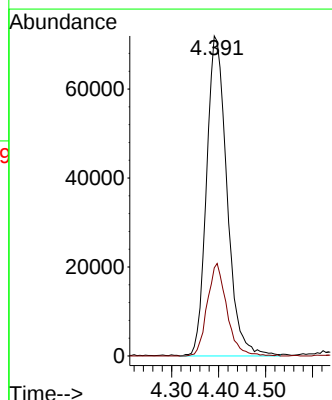
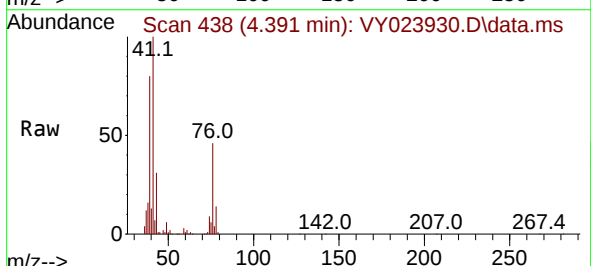
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

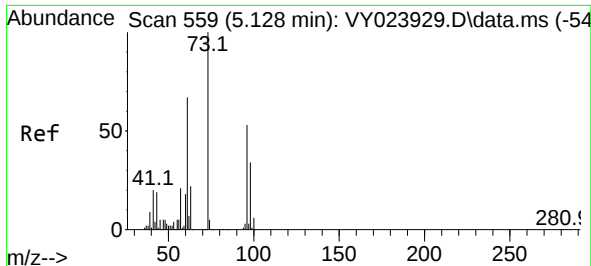
Tgt Ion: 76 Resp: 1510859
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 99.779 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 43 Resp: 217452
Ion Ratio Lower Upper
43 100
74 27.7 22.6 33.8

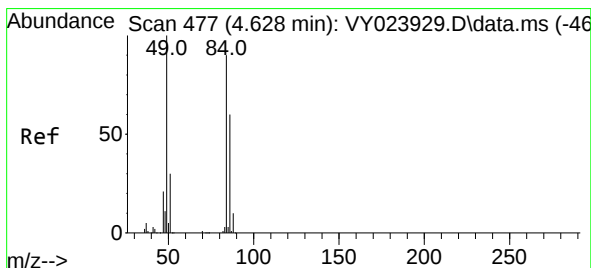
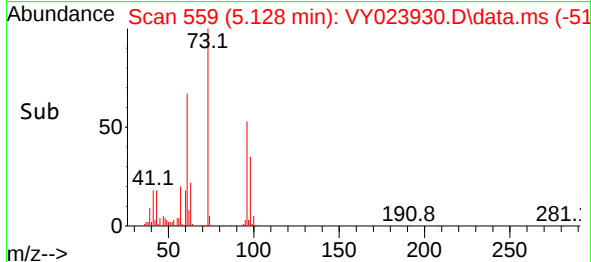
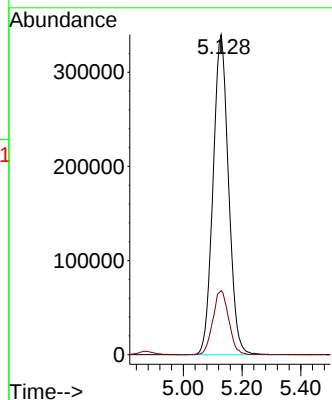
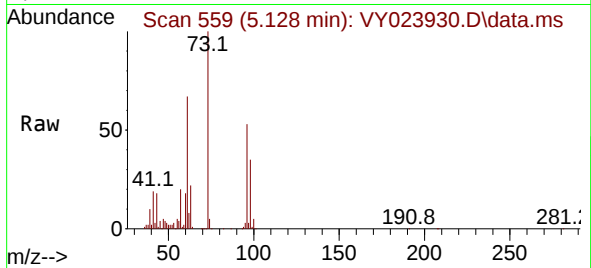




#19
Methyl tert-butyl Ether
Concen: 105.045 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

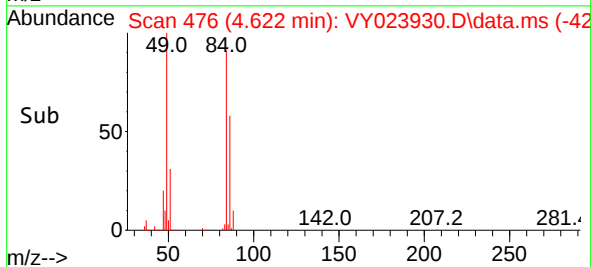
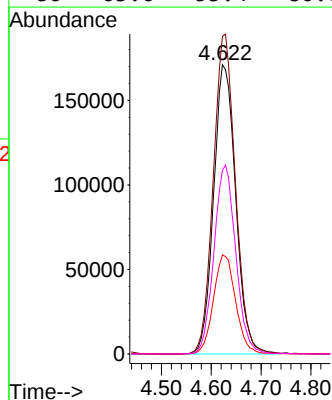
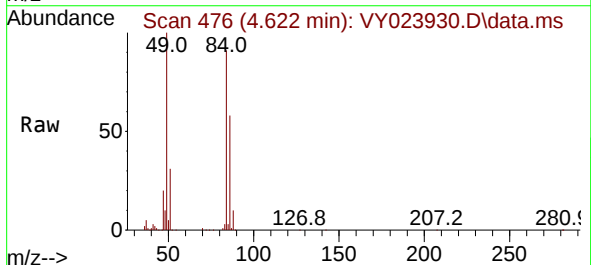
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

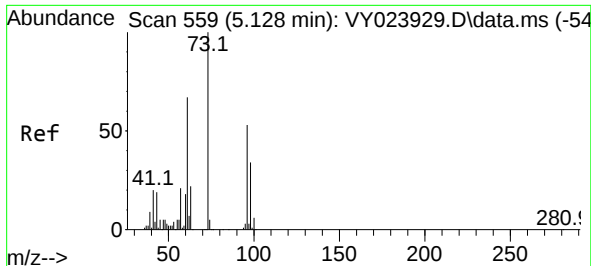
Tgt Ion: 73 Resp: 1241927
Ion Ratio Lower Upper
73 100
57 20.0 17.1 25.7



#20
Methylene Chloride
Concen: 92.890 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 84 Resp: 526380
Ion Ratio Lower Upper
84 100
49 109.9 89.1 133.7
51 34.2 26.6 39.8
86 63.6 53.4 80.0

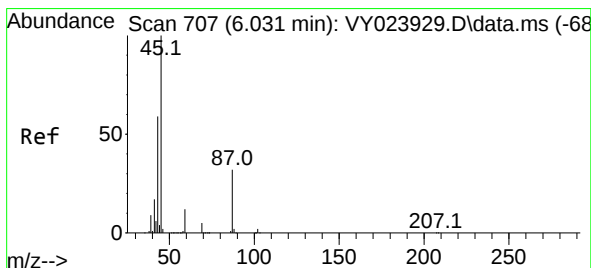
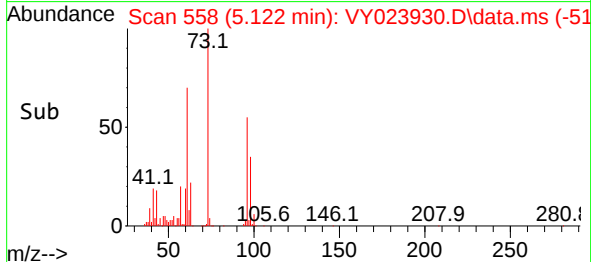
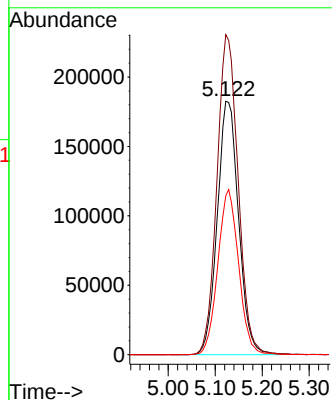
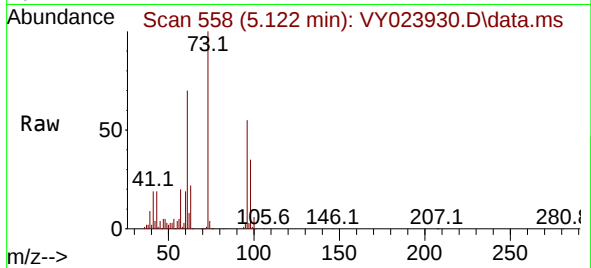




#21
trans-1,2-Dichloroethene
Concen: 106.235 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

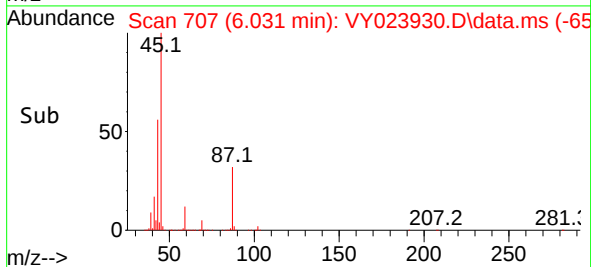
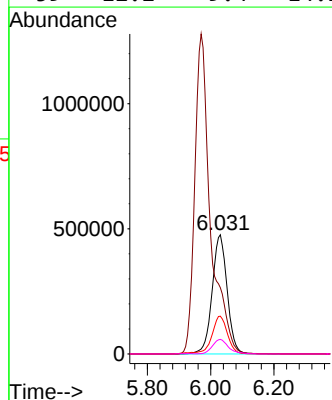
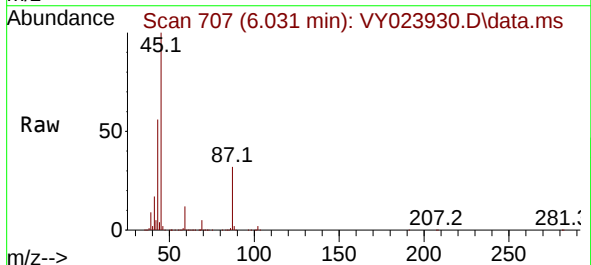
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

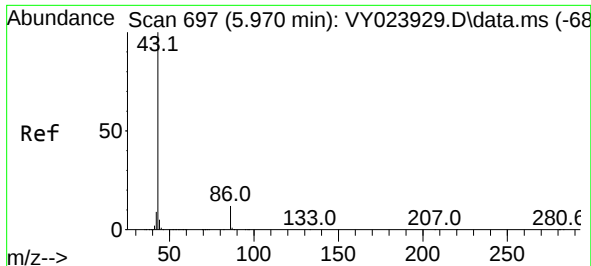
Tgt Ion: 96 Resp: 576582
Ion Ratio Lower Upper
96 100
61 126.3 101.4 152.0
98 62.7 51.7 77.5



#22
Diisopropyl ether
Concen: 109.107 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 45 Resp: 1571651
Ion Ratio Lower Upper
45 100
43 55.4 47.0 70.6
87 31.6 26.0 39.0
59 12.2 9.4 14.2

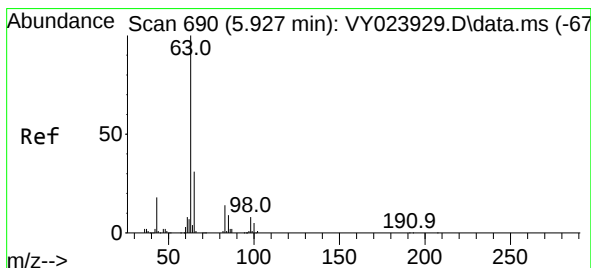
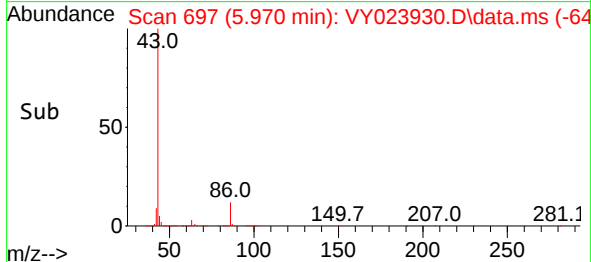
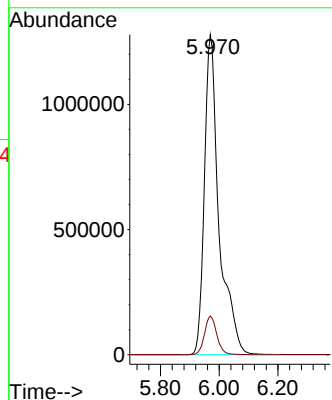
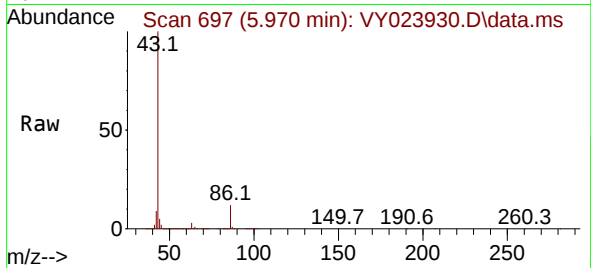




#23
 Vinyl Acetate
 Concen: 552.319 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023930.D
 Acq: 10 Dec 2025 10:29

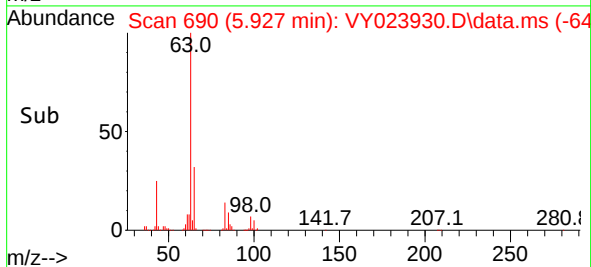
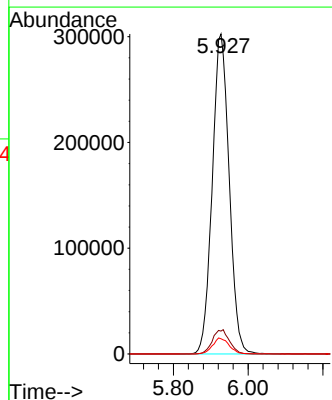
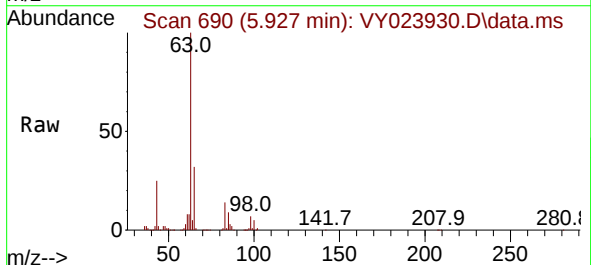
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

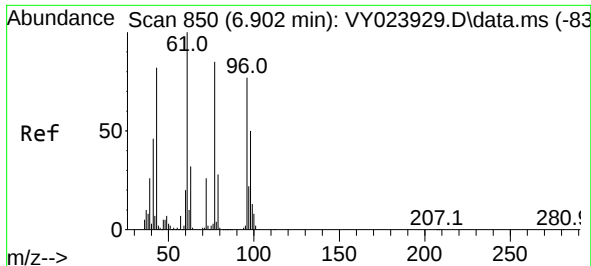
Tgt Ion: 43 Resp: 4420619
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 105.781 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023930.D
 Acq: 10 Dec 2025 10:29

Tgt Ion: 63 Resp: 949749
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.8 2.3 6.9

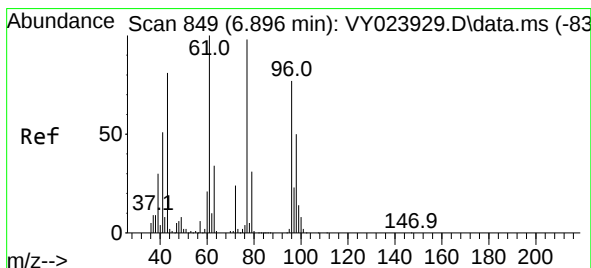
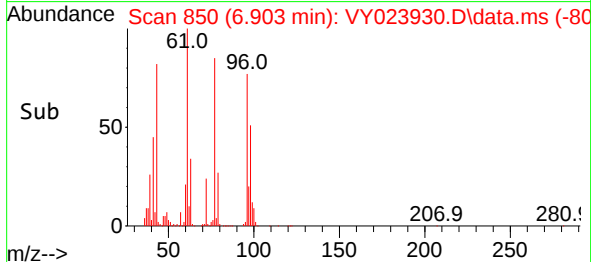
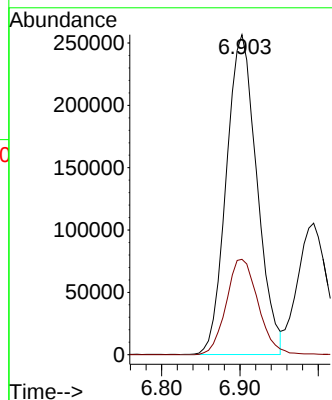
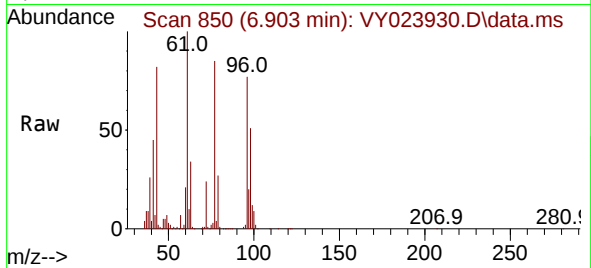




#25
2-Butanone
Concen: 468.153 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

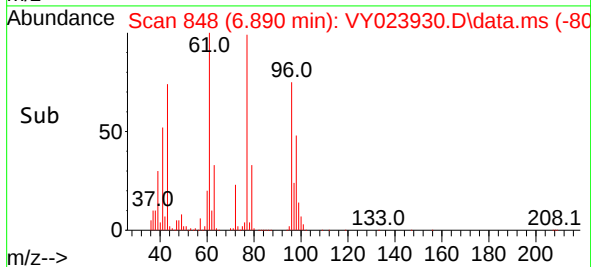
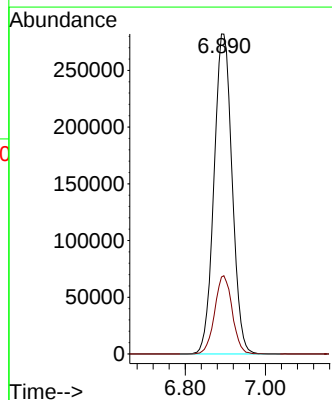
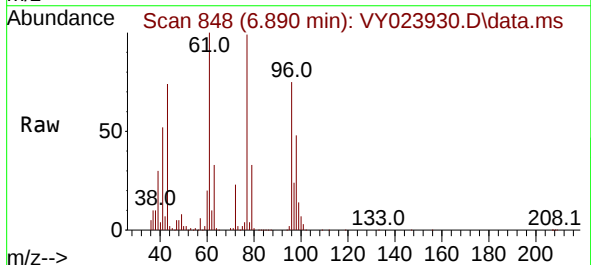
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

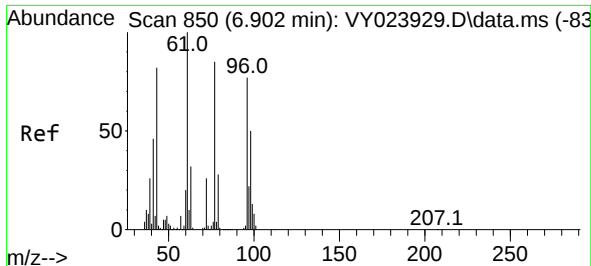
Tgt Ion: 43 Resp: 696883
Ion Ratio Lower Upper
43 100
72 29.8 25.0 37.6



#26
2,2-Dichloropropane
Concen: 105.198 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 77 Resp: 881907
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 106.905 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

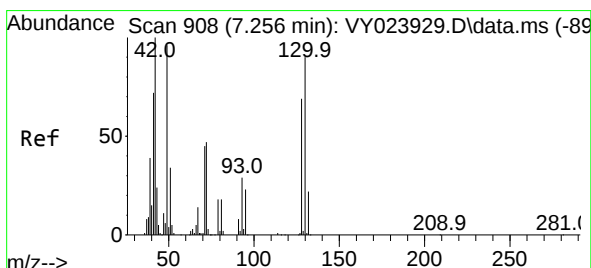
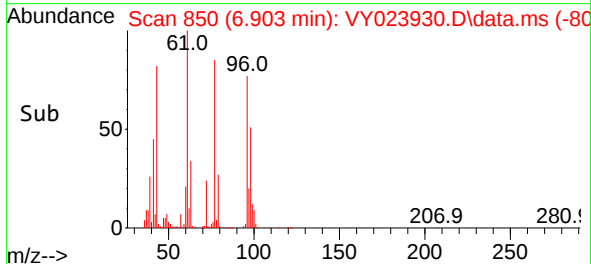
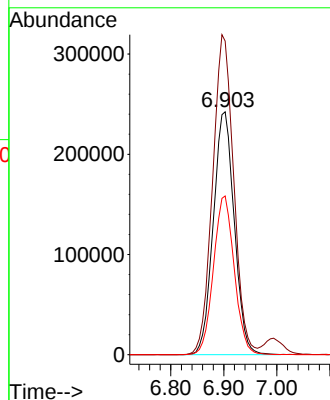
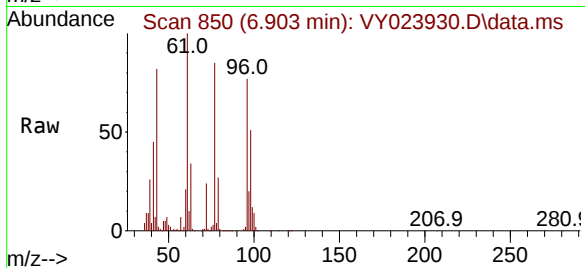
Tgt Ion: 96 Resp: 666069

Ion Ratio Lower Upper

96 100

61 132.7 0.0 264.6

98 64.7 0.0 129.6



#28

Bromochloromethane

Concen: 107.429 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

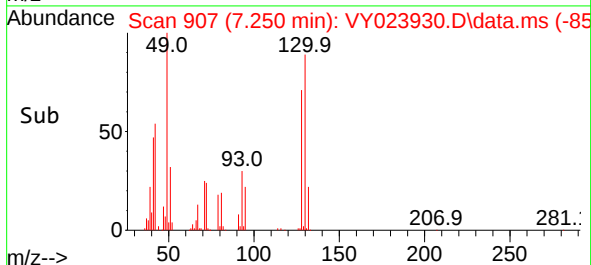
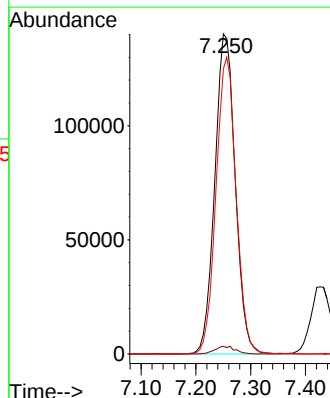
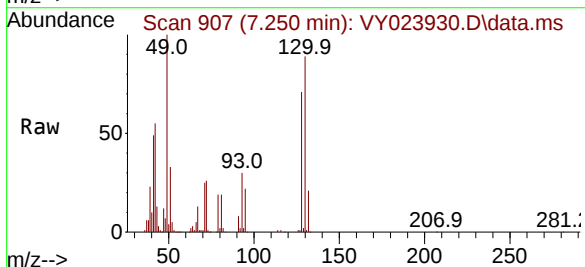
Tgt Ion: 49 Resp: 363375

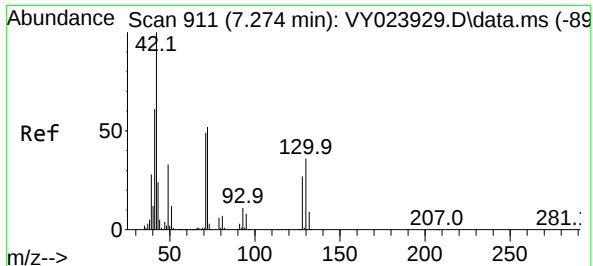
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 91.0 74.4 111.6





#29

Tetrahydrofuran

Concen: 522.229 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

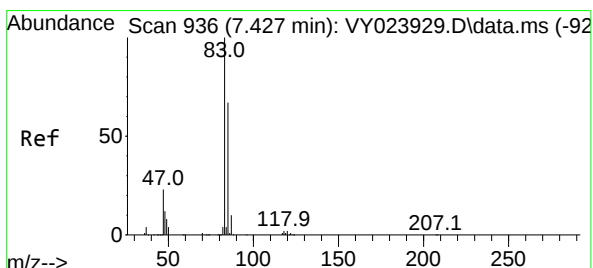
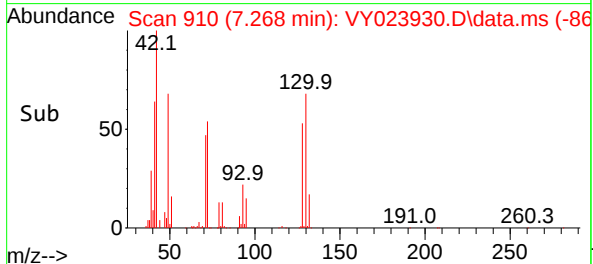
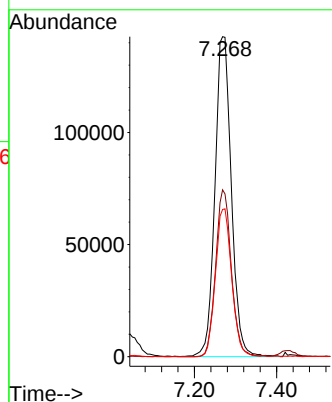
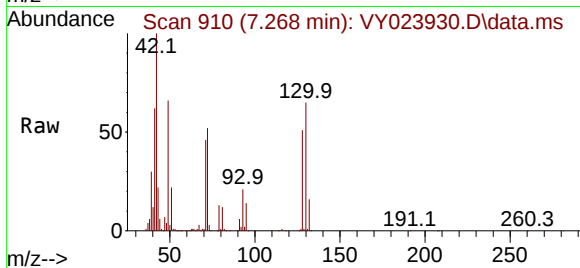
Tgt Ion: 42 Resp: 396461

Ion Ratio Lower Upper

42 100

72 50.0 40.0 60.0

71 45.7 37.7 56.5



#30

Chloroform

Concen: 102.415 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023930.D

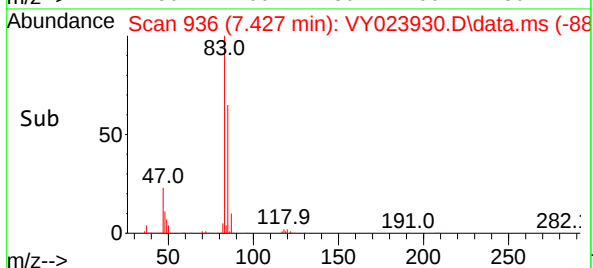
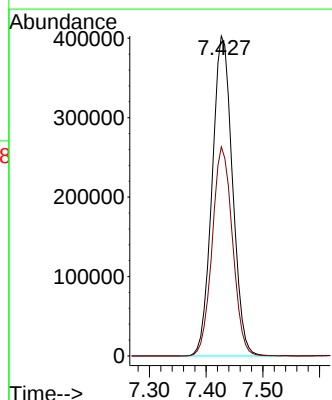
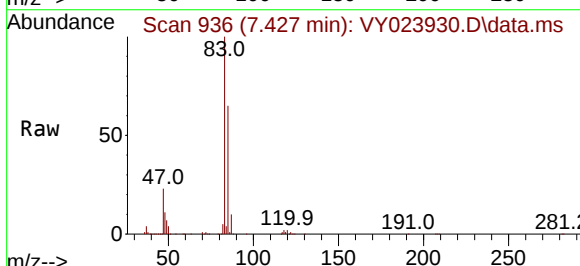
Acq: 10 Dec 2025 10:29

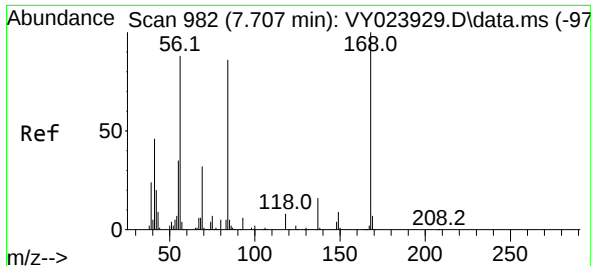
Tgt Ion: 83 Resp: 1004444

Ion Ratio Lower Upper

83 100

85 65.4 53.4 80.0

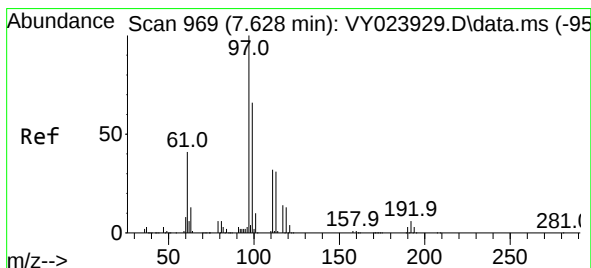
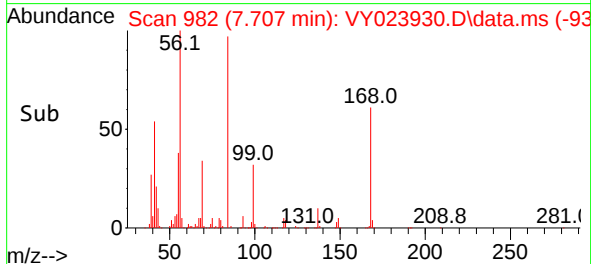
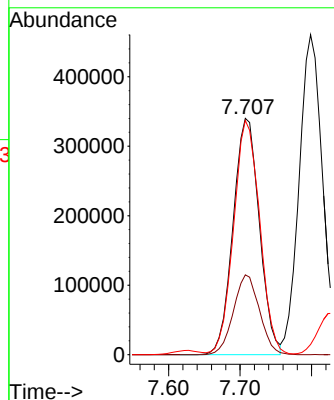
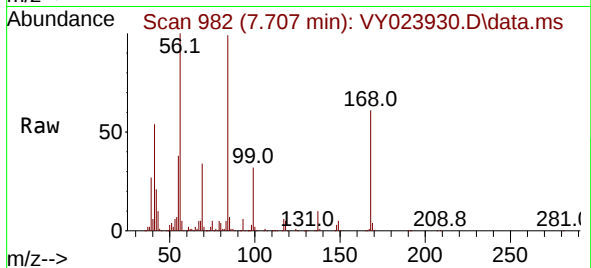




#31
Cyclohexane
Concen: 105.238 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

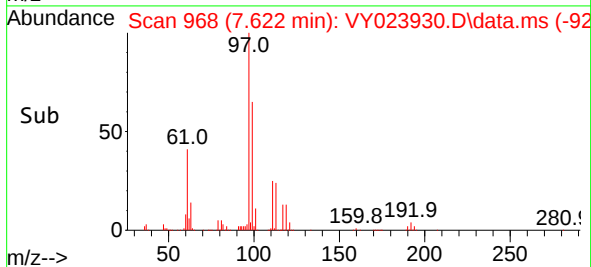
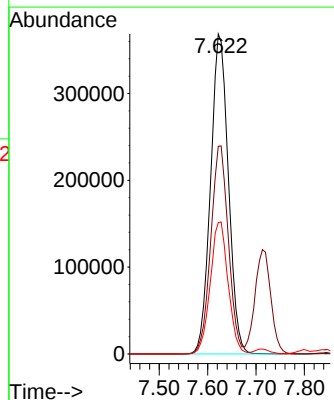
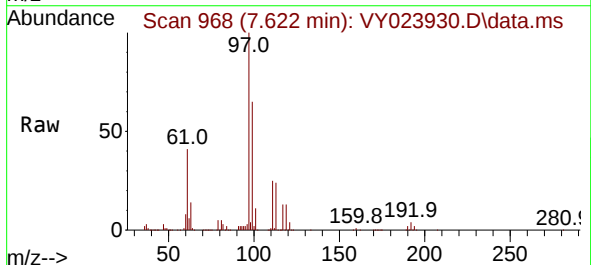
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

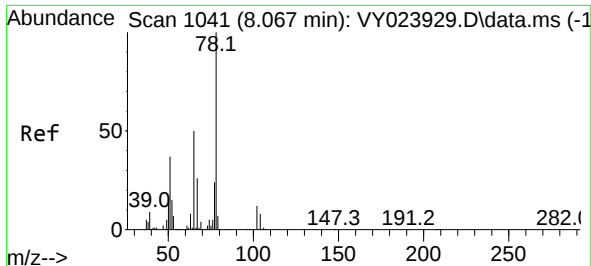
Tgt Ion: 56 Resp: 869328
Ion Ratio Lower Upper
56 100
69 33.8 29.1 43.7
84 97.6 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 103.394 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 97 Resp: 940345
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 41.5 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 88.068 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

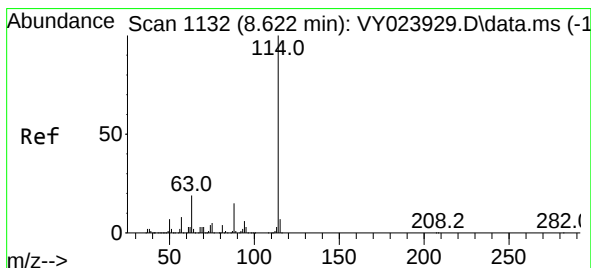
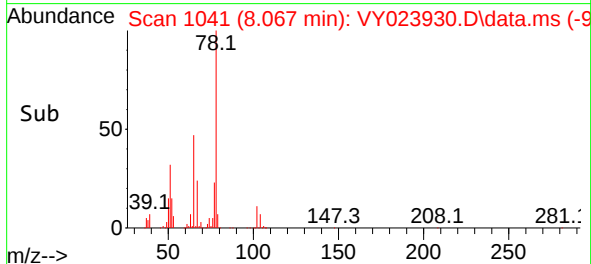
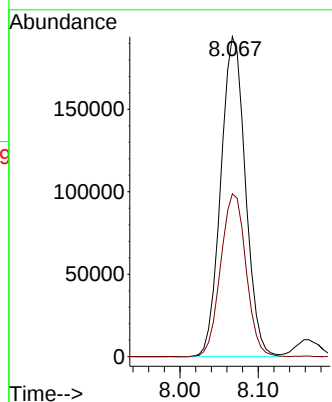
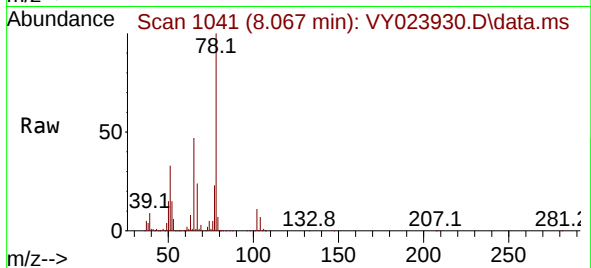
VSTDIC100

Tgt Ion: 65 Resp: 424207

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

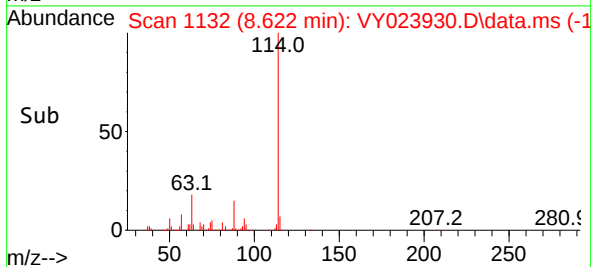
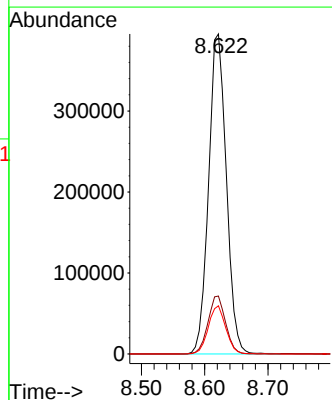
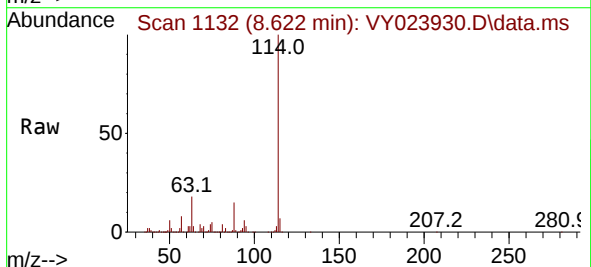
Tgt Ion: 114 Resp: 770805

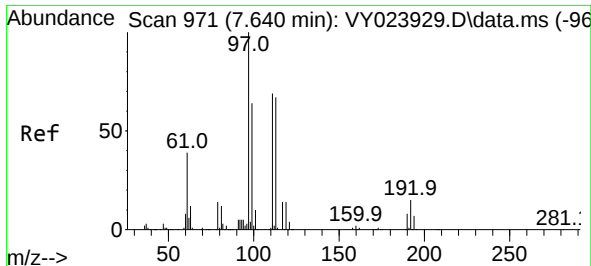
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.2

88 15.1 0.0 29.4

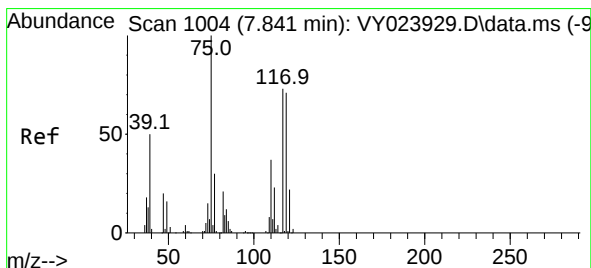
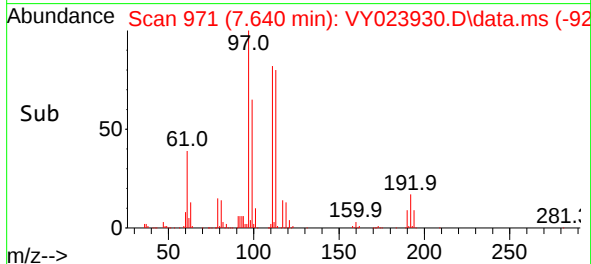
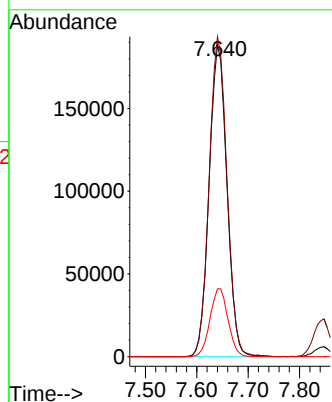
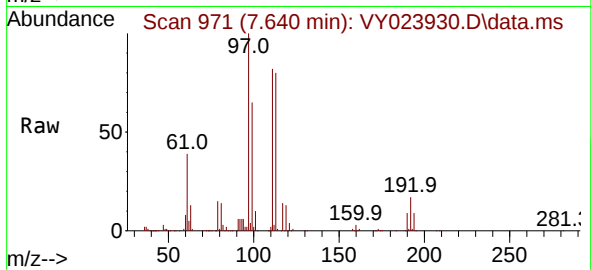




#35
Dibromofluoromethane
Concen: 90.009 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

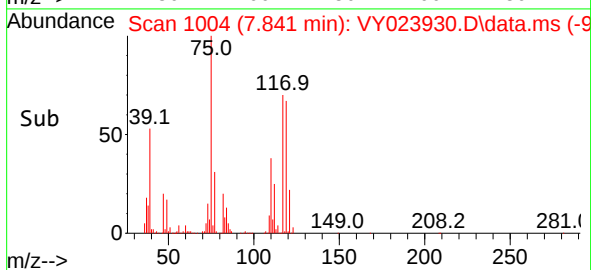
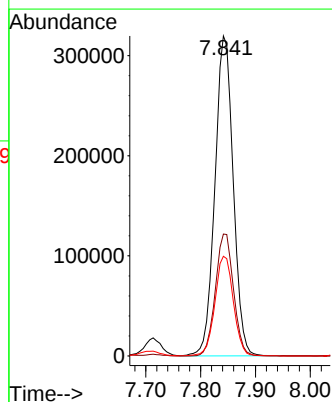
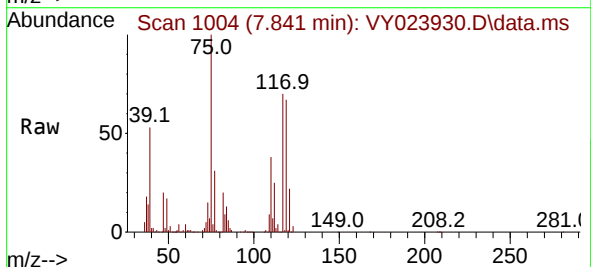
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

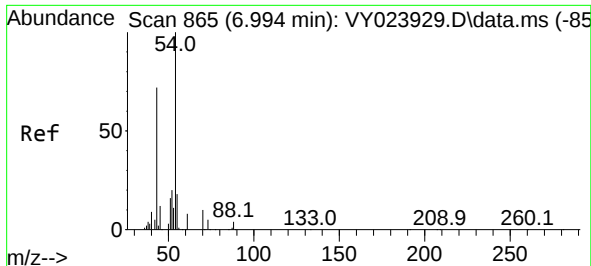
Tgt Ion:113 Resp: 453524
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 22.0 17.9 26.9



#36
1,1-Dichloropropene
Concen: 108.289 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 75 Resp: 742831
Ion Ratio Lower Upper
75 100
110 37.8 19.2 57.6
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 103.094 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

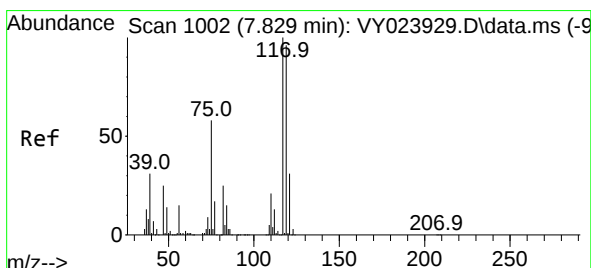
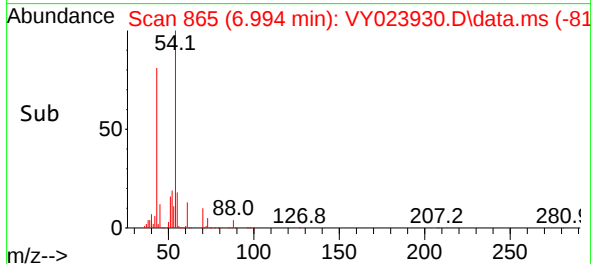
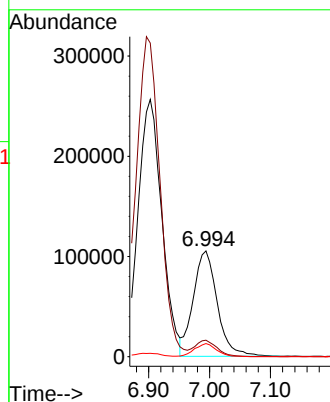
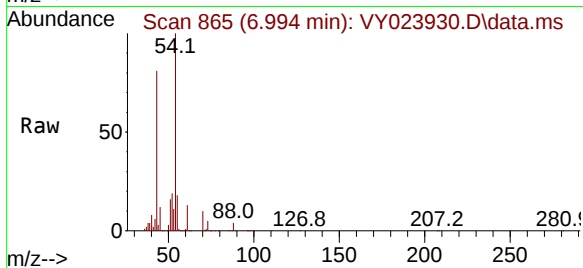
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 287978

Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	11.5	9.2	13.8



#38

Carbon Tetrachloride

Concen: 104.812 ug/l

RT: 7.823 min Scan# 1001

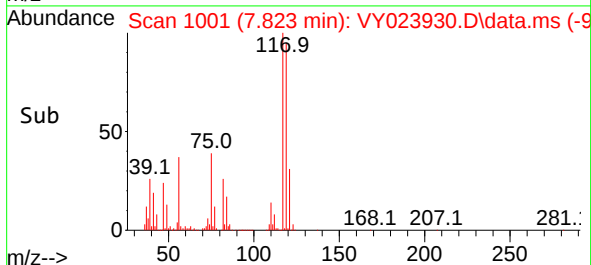
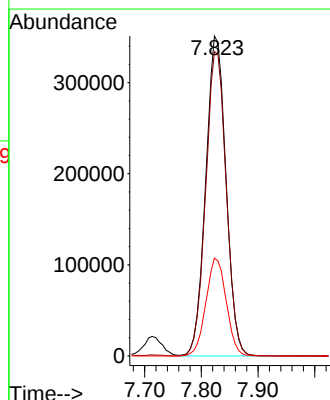
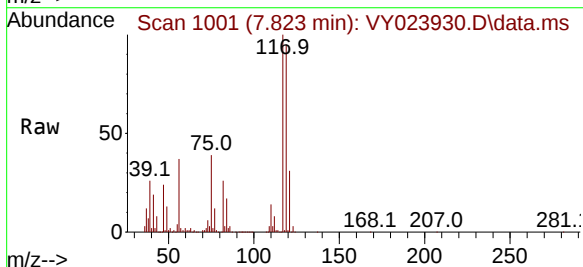
Delta R.T. -0.006 min

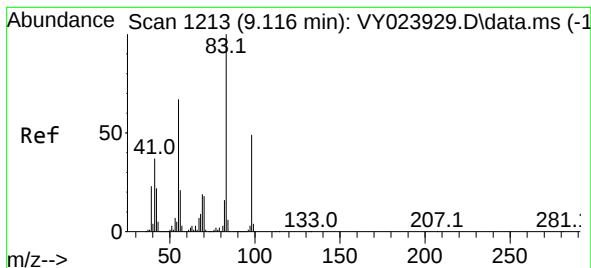
Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Tgt Ion: 117 Resp: 871470

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
121	30.6	24.8	37.2





#39

Methylcyclohexane

Concen: 112.788 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

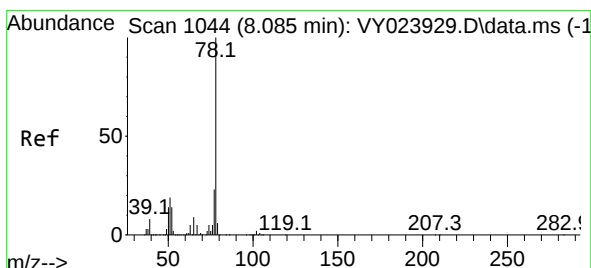
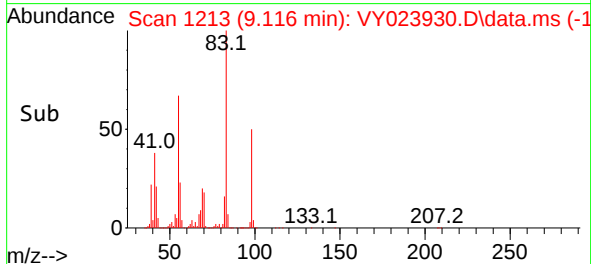
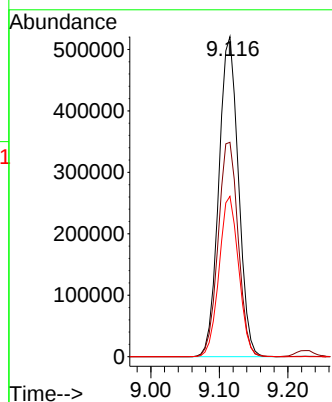
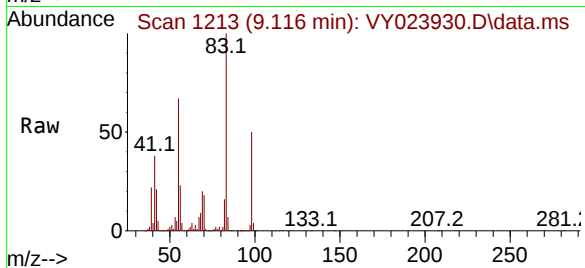
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 1033665

Ion	Ratio	Lower	Upper
83	100		
55	67.0	53.4	80.0
98	50.1	39.2	58.8



#40

Benzene

Concen: 107.112 ug/l

RT: 8.085 min Scan# 1044

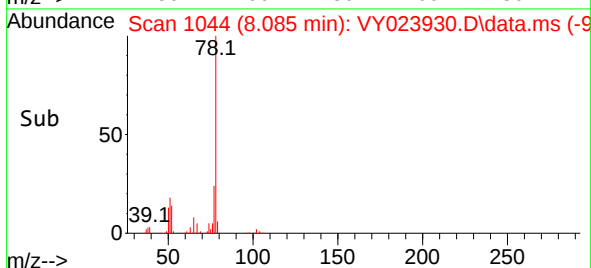
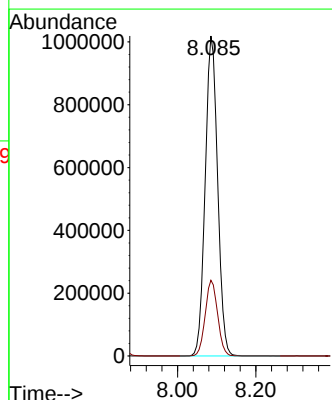
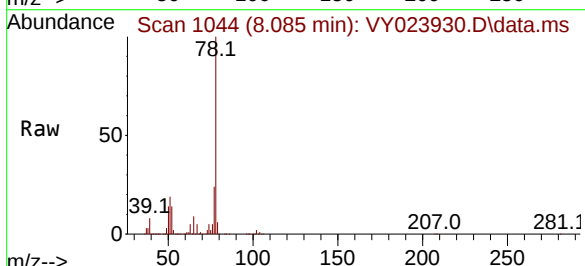
Delta R.T. 0.000 min

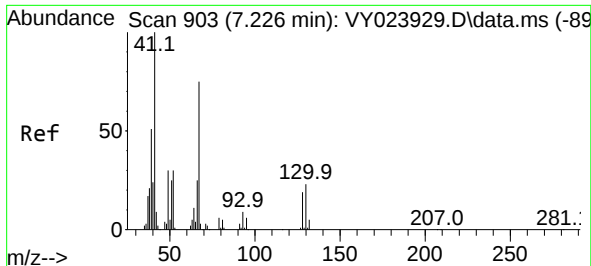
Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Tgt Ion: 78 Resp: 2237501

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5

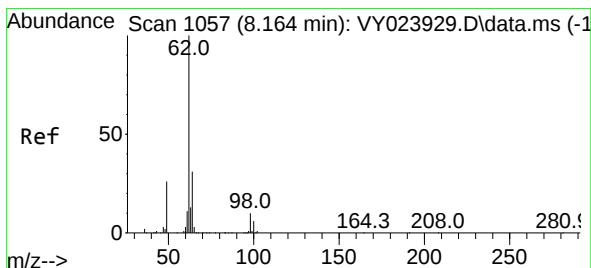
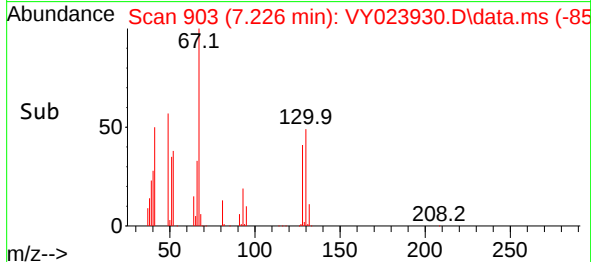
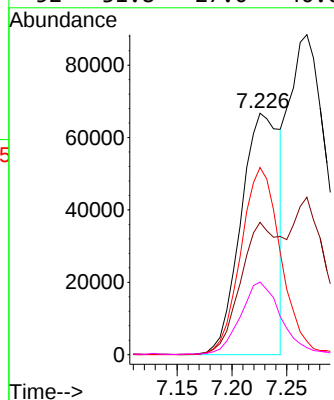
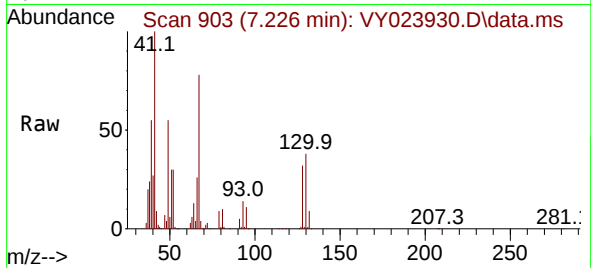




#41
Methacrylonitrile
Concen: 106.750 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

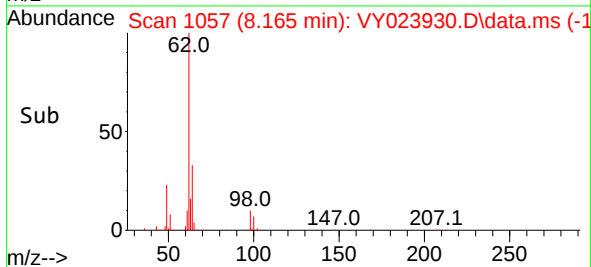
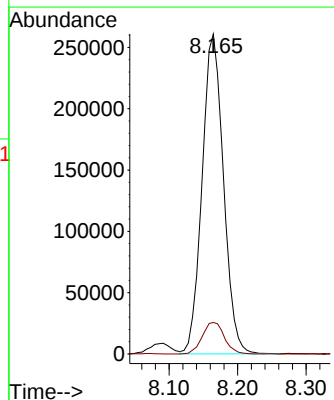
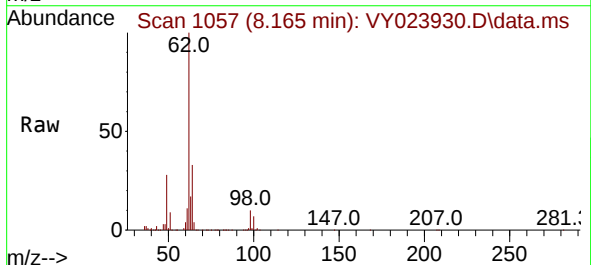
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

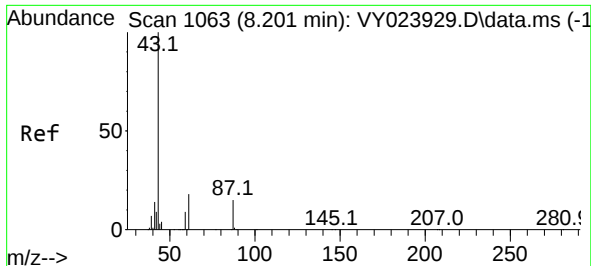
Tgt Ion: 41 Resp: 164042
Ion Ratio Lower Upper
41 100
39 60.7 50.6 75.8
67 80.8 68.0 102.0
52 31.8 27.0 40.6



#42
1,2-Dichloroethane
Concen: 103.368 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 62 Resp: 566250
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8

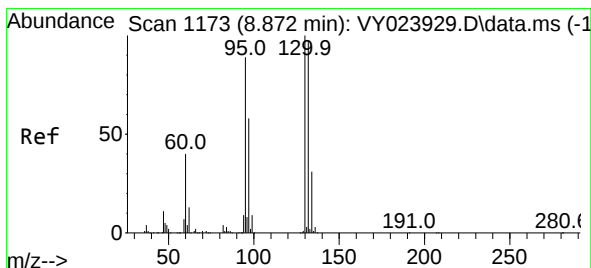
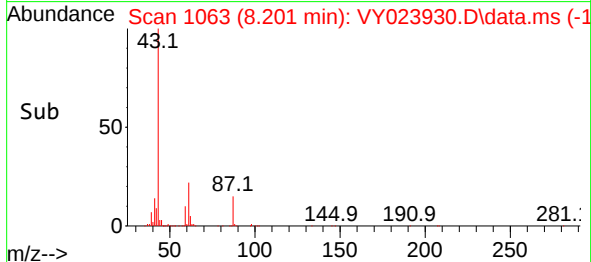
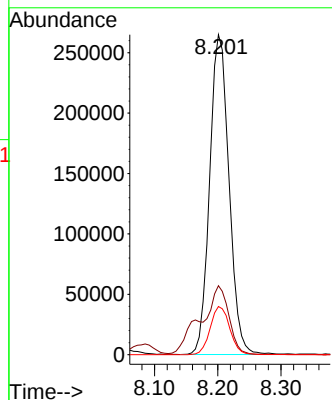
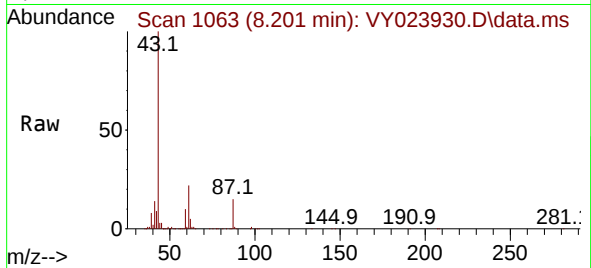




#43
Isopropyl Acetate
Concen: 106.991 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

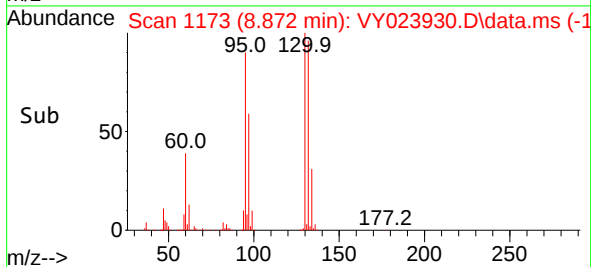
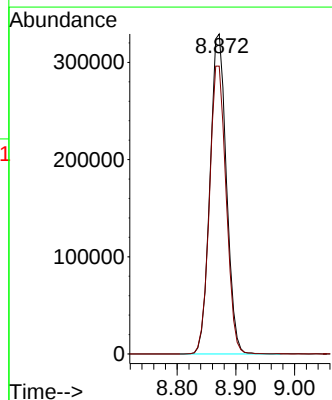
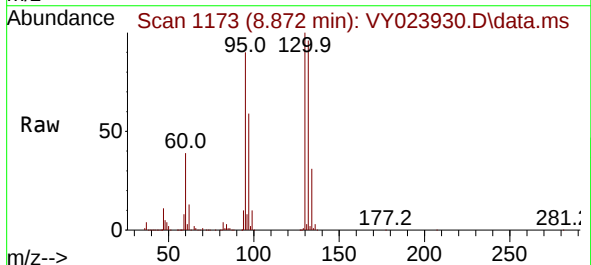
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

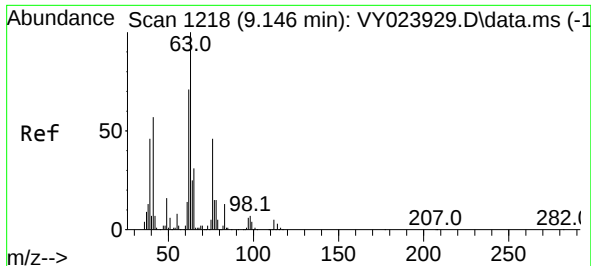
Tgt Ion: 43 Resp: 562868
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.2
87 15.3 12.3 18.5



#44
Trichloroethene
Concen: 105.686 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion:130 Resp: 640140
Ion Ratio Lower Upper
130 100
95 89.9 0.0 178.8





#45

1,2-Dichloropropane

Concen: 106.155 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

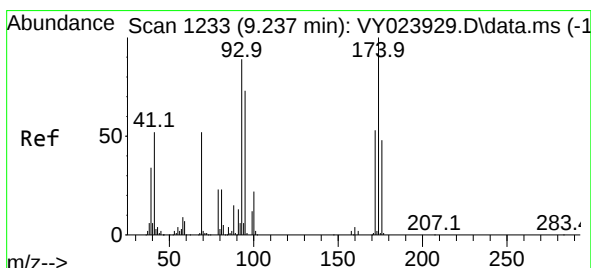
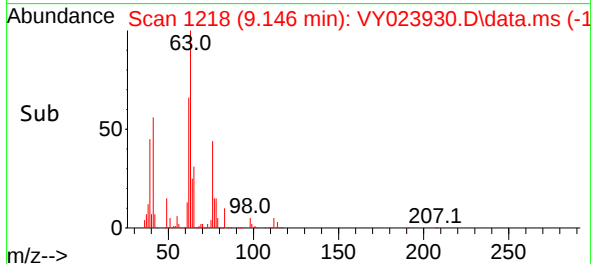
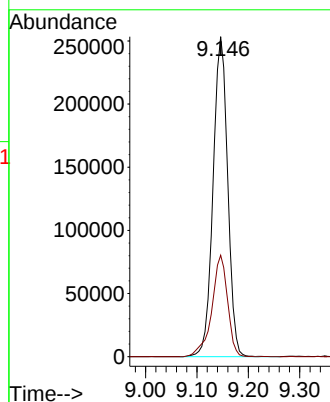
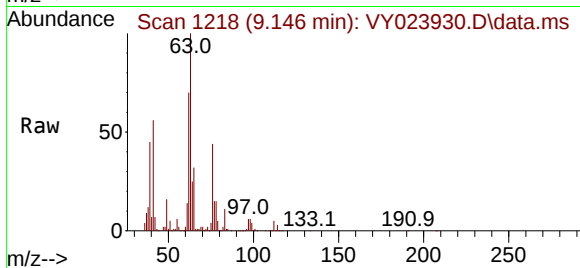
VSTDICC100

Tgt Ion: 63 Resp: 500327

Ion Ratio Lower Upper

63 100

65 31.7 25.1 37.7



#46

Dibromomethane

Concen: 104.275 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

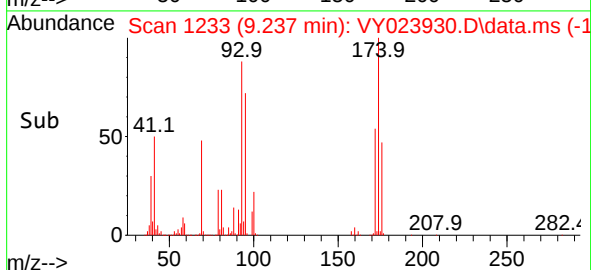
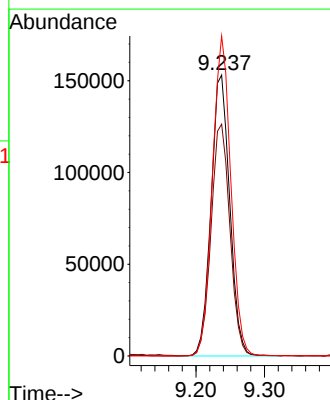
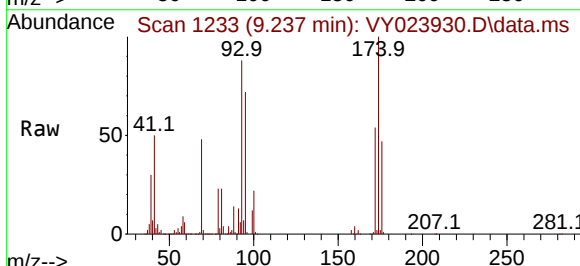
Tgt Ion: 93 Resp: 289462

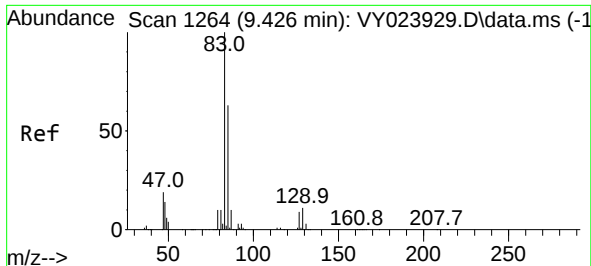
Ion Ratio Lower Upper

93 100

95 83.2 65.1 97.7

174 112.6 90.6 136.0

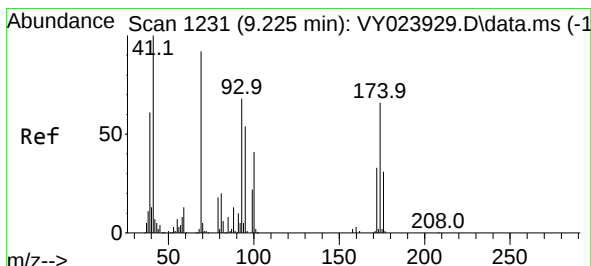
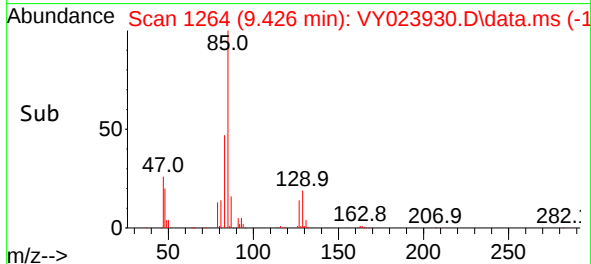
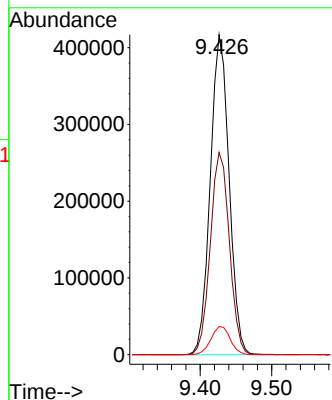
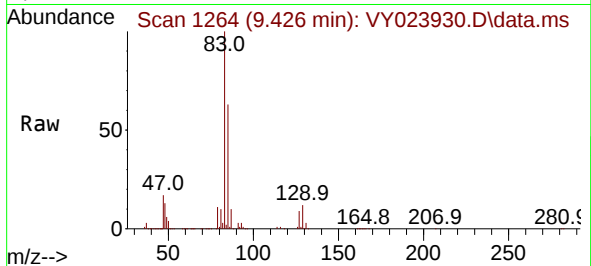




#47
Bromodichloromethane
Concen: 104.204 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

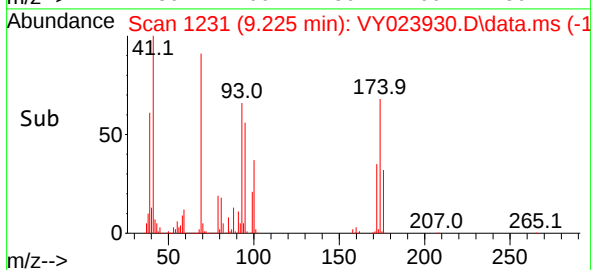
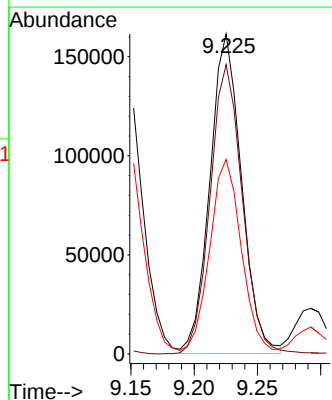
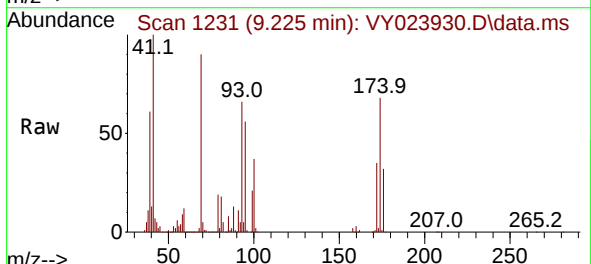
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

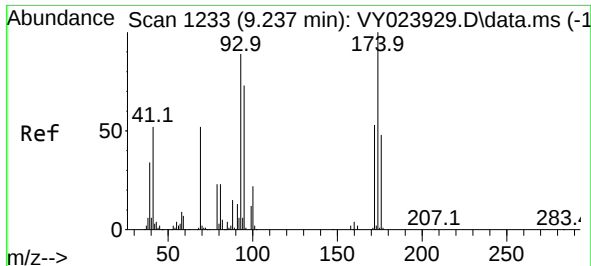
Tgt Ion: 83 Resp: 760962
Ion Ratio Lower Upper
83 100
85 63.2 50.7 76.1
127 8.8 7.0 10.4



#48
Methyl methacrylate
Concen: 114.598 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 41 Resp: 280661
Ion Ratio Lower Upper
41 100
69 92.4 74.7 112.1
39 58.8 47.4 71.2





#49

1,4-Dioxane

Concen: 2000.211 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

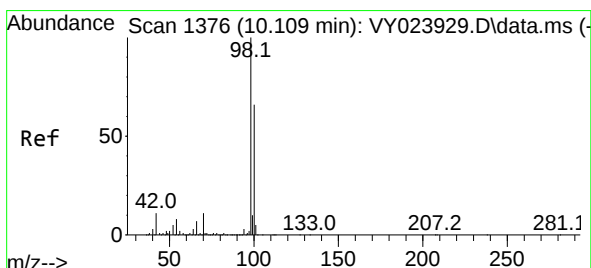
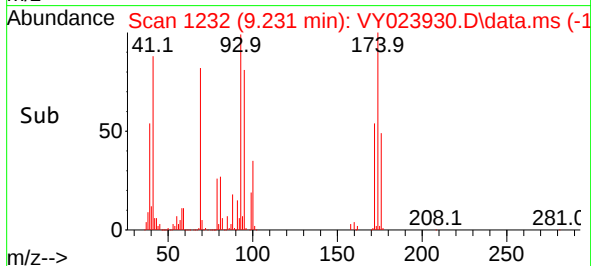
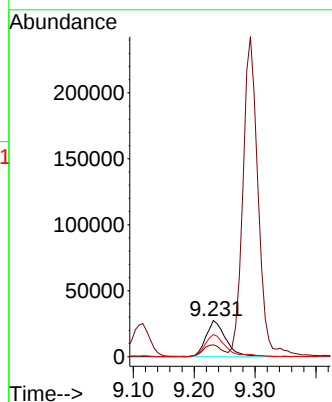
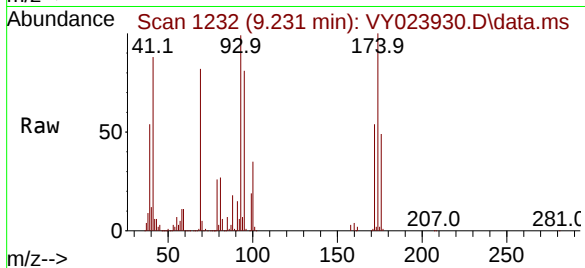
Tgt Ion: 88 Resp: 61901

Ion Ratio Lower Upper

88 100

43 29.9 22.3 33.5

58 65.3 52.3 78.5



#50

Toluene-d8

Concen: 92.589 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023930.D

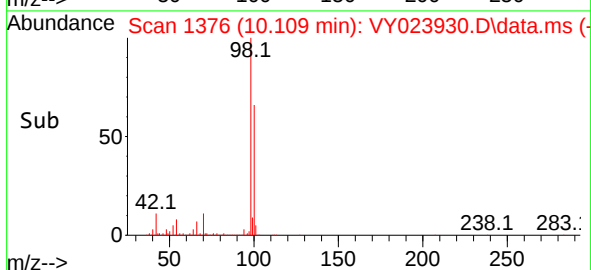
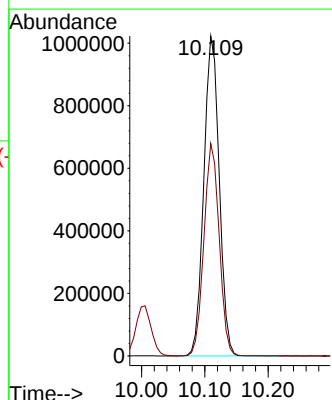
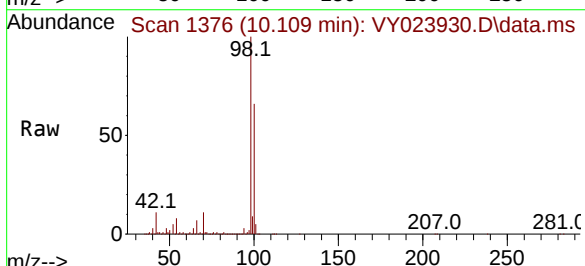
Acq: 10 Dec 2025 10:29

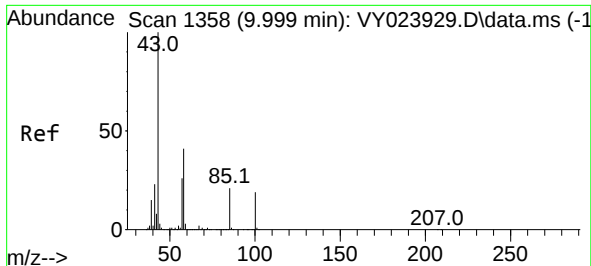
Tgt Ion: 98 Resp: 1736931

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 526.134 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

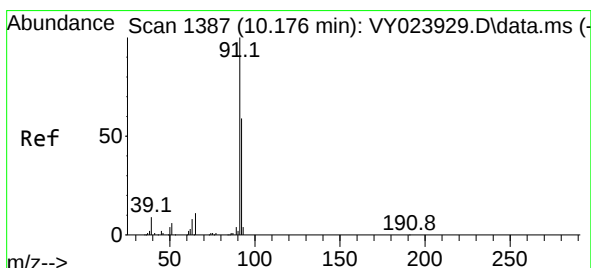
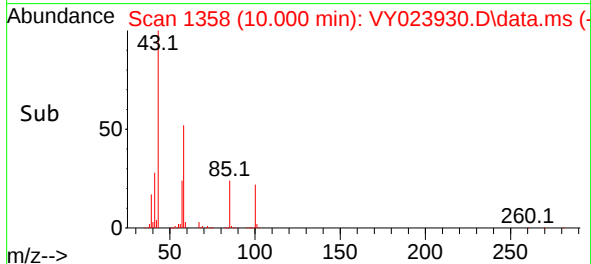
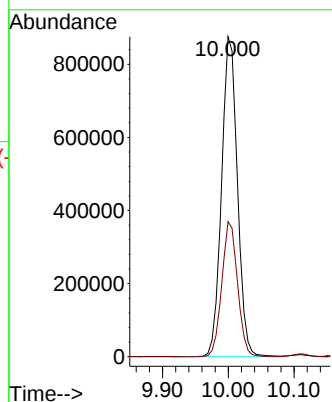
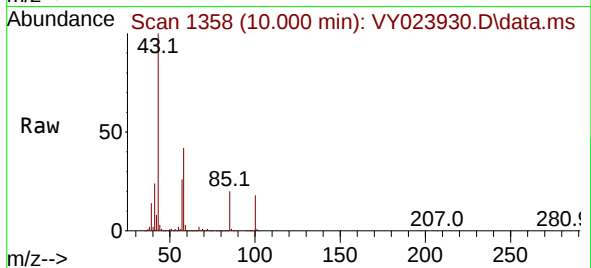
VSTDIC100

Tgt Ion: 43 Resp: 1466545

Ion Ratio Lower Upper

43 100

58 42.0 33.1 49.7



#52

Toluene

Concen: 107.431 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY023930.D

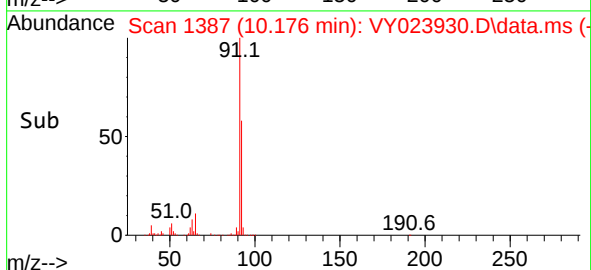
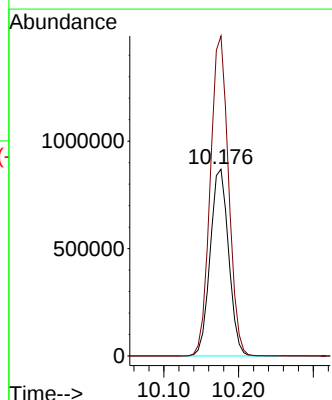
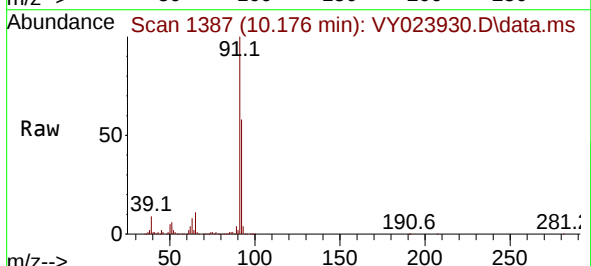
Acq: 10 Dec 2025 10:29

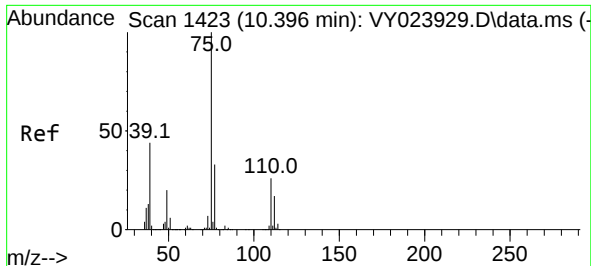
Tgt Ion: 92 Resp: 1485004

Ion Ratio Lower Upper

92 100

91 169.9 135.8 203.6

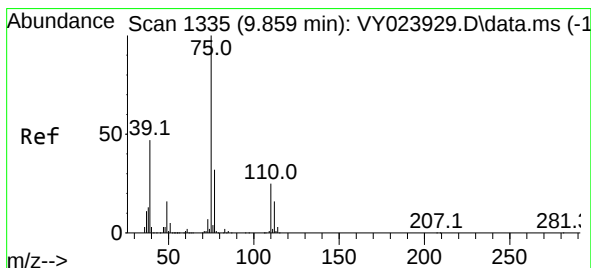
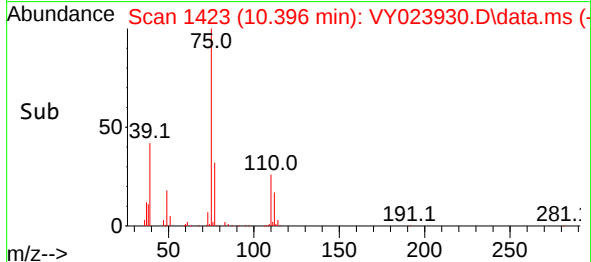
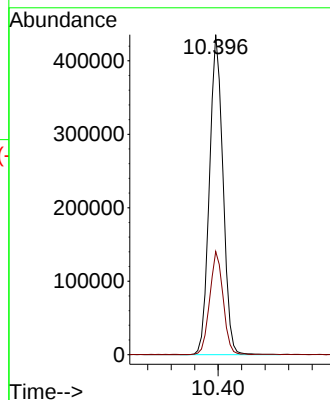
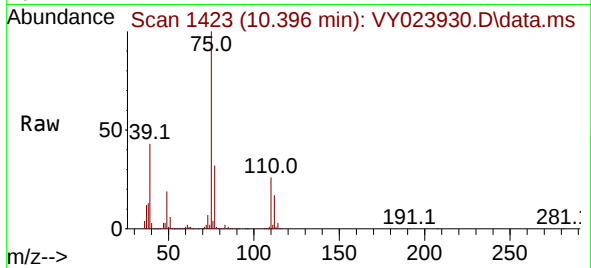




#53
t-1,3-Dichloropropene
Concen: 110.330 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

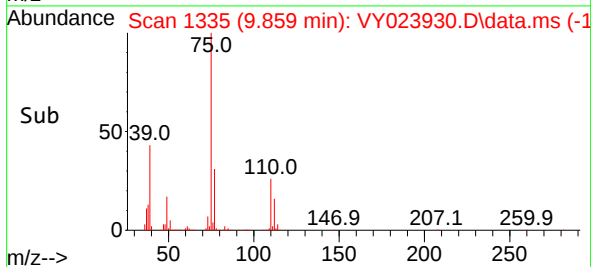
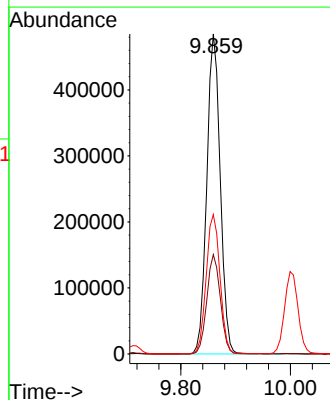
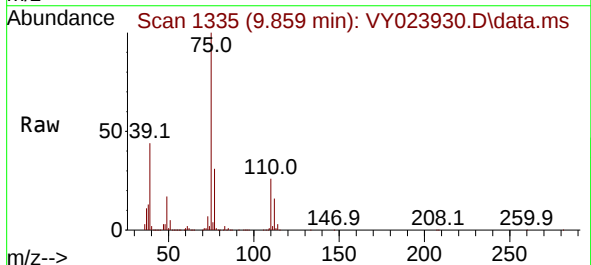
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

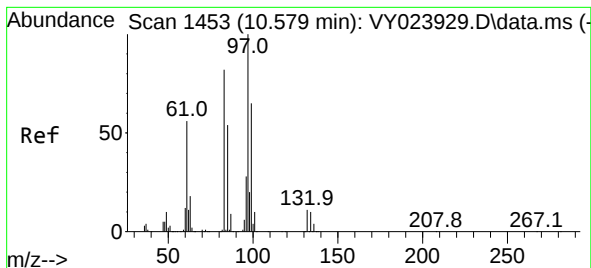
Tgt Ion: 75 Resp: 696257
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 110.483 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 75 Resp: 821602
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 43.5 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 101.532 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 387924

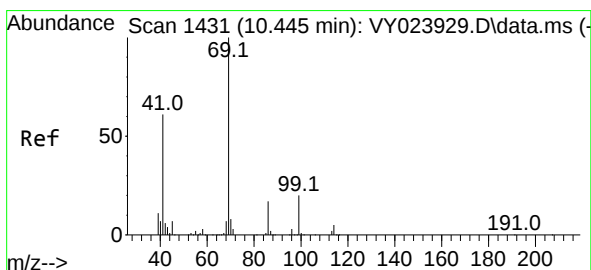
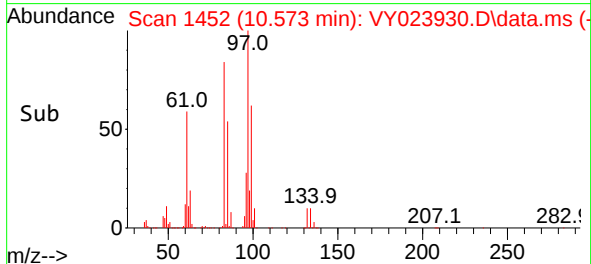
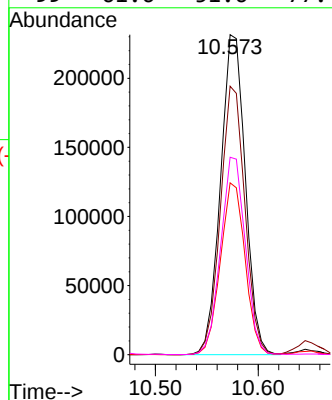
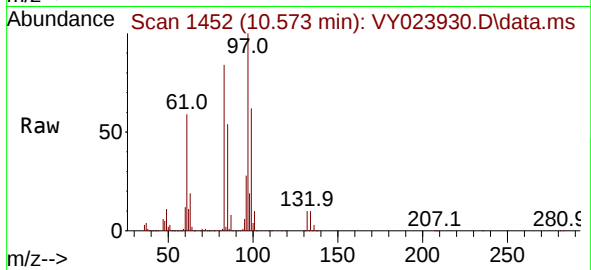
Ion Ratio Lower Upper

97 100

83 83.9 65.8 98.6

85 53.7 43.1 64.7

99 61.6 51.6 77.4



#56

Ethyl methacrylate

Concen: 114.760 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

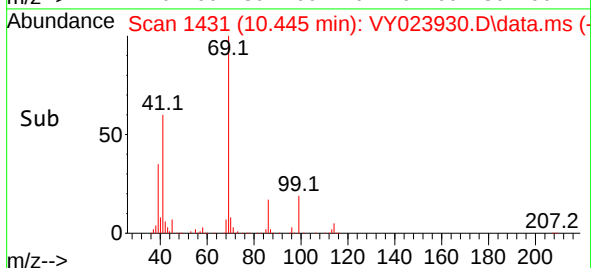
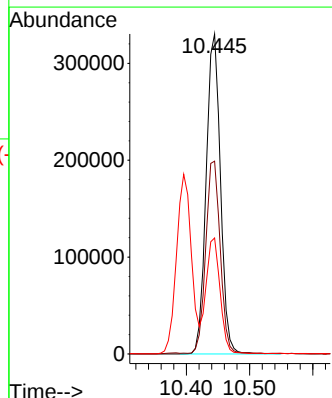
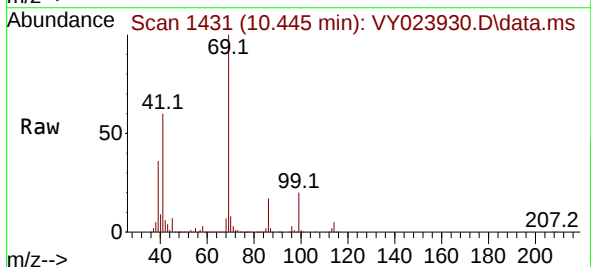
Tgt Ion: 69 Resp: 519799

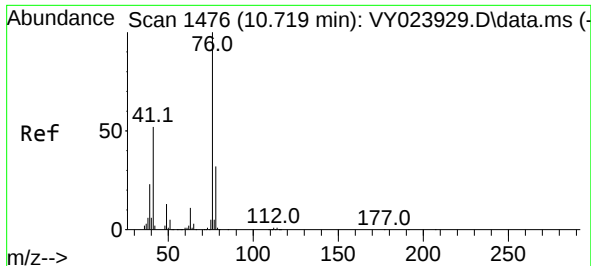
Ion Ratio Lower Upper

69 100

41 60.8 49.0 73.4

39 35.3 29.1 43.7





#57

1,3-Dichloropropane

Concen: 103.689 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

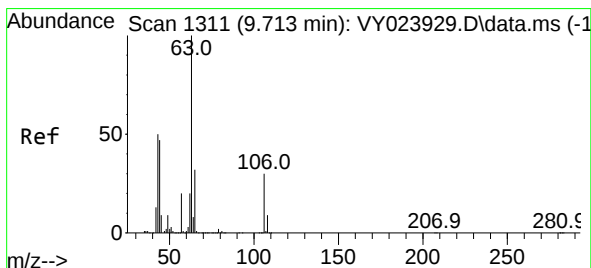
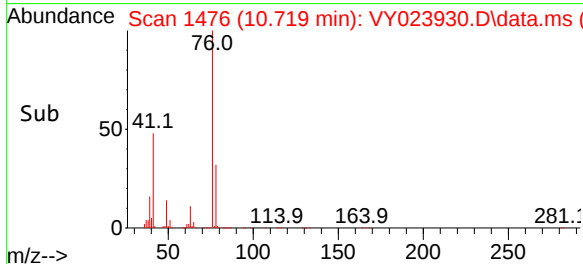
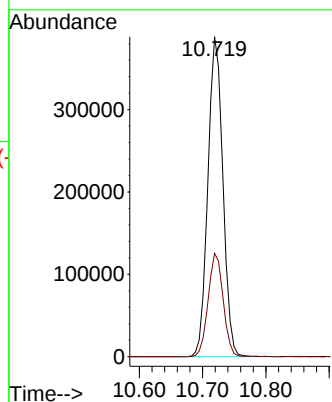
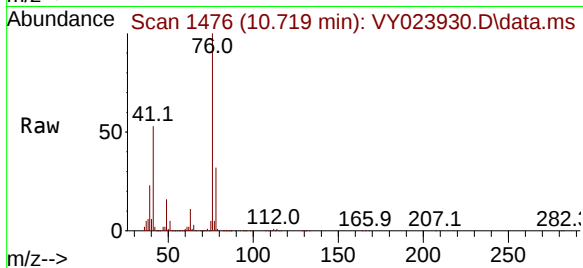
VSTDIC100

Tgt Ion: 76 Resp: 640733

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 521.892 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023930.D

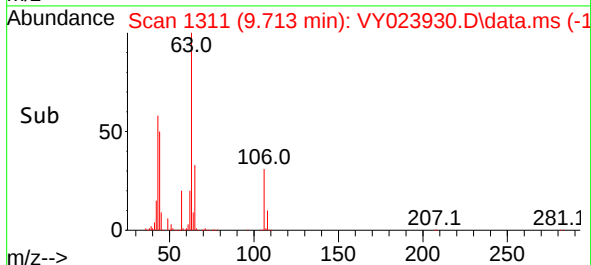
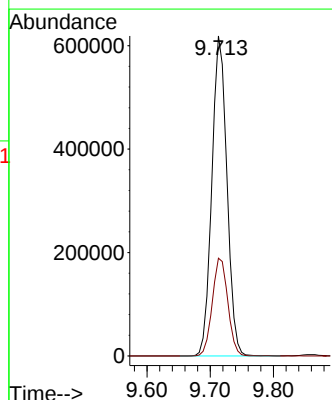
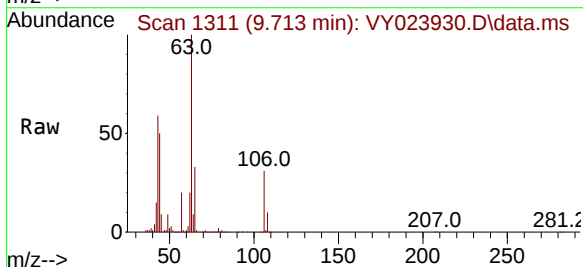
Acq: 10 Dec 2025 10:29

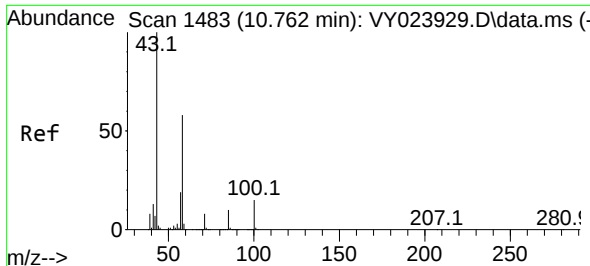
Tgt Ion: 63 Resp: 1023941

Ion Ratio Lower Upper

63 100

106 31.4 25.2 37.8

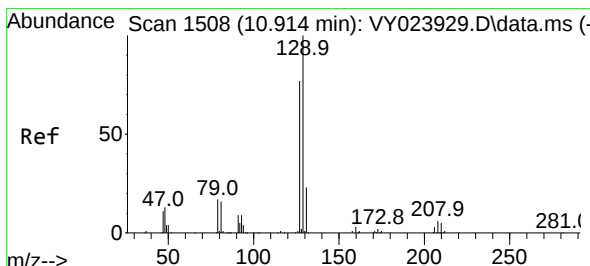
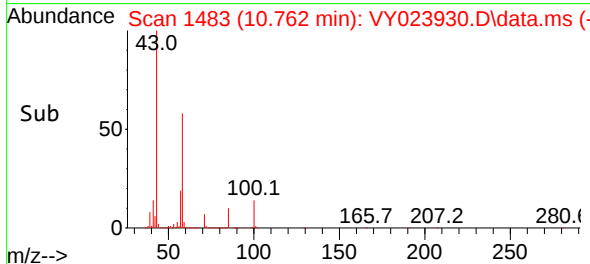
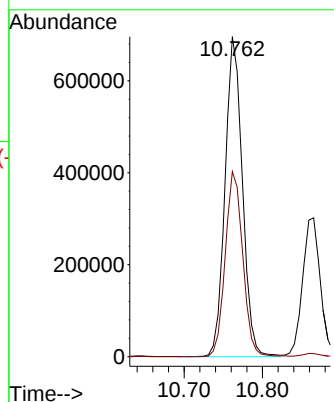
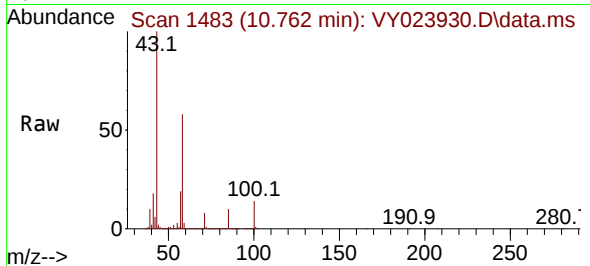




#59
2-Hexanone
Concen: 506.704 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

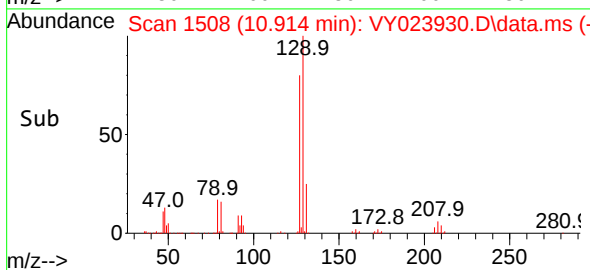
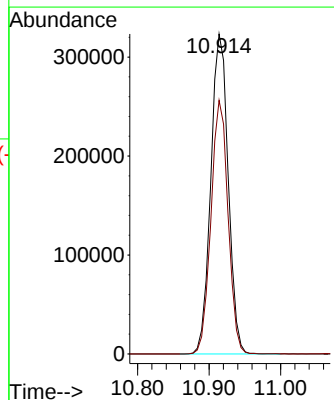
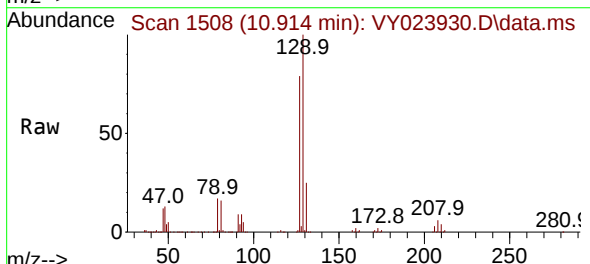
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

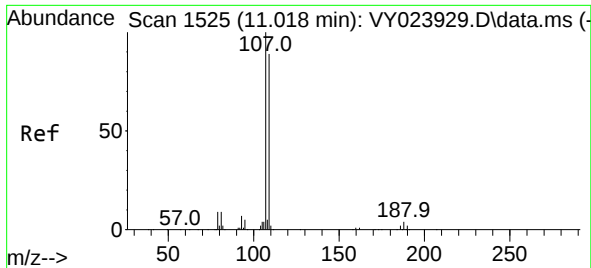
Tgt Ion: 43 Resp: 1071941
Ion Ratio Lower Upper
43 100
58 58.5 29.0 87.0



#60
Dibromochloromethane
Concen: 103.280 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 129 Resp: 546331
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

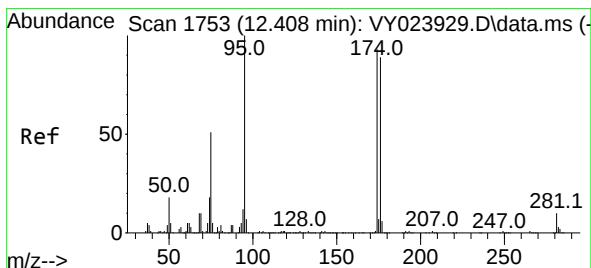
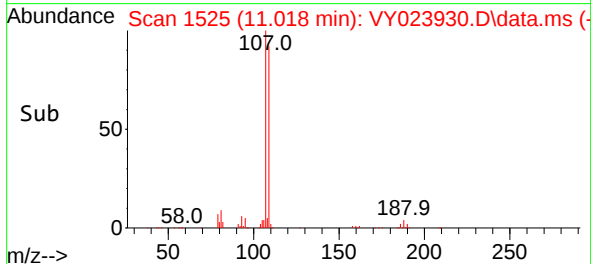
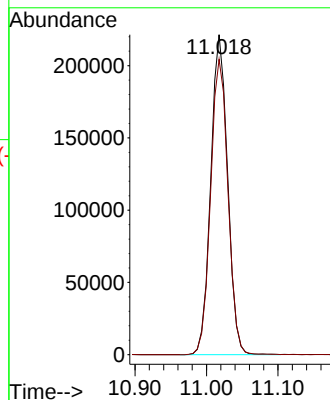
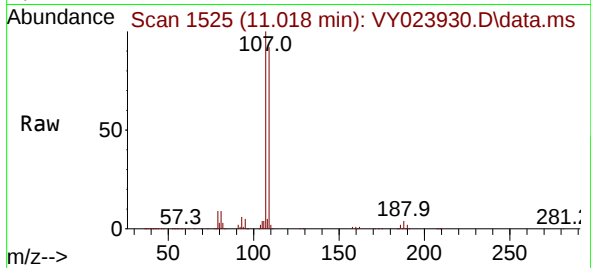




#61
1,2-Dibromoethane
Concen: 102.357 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

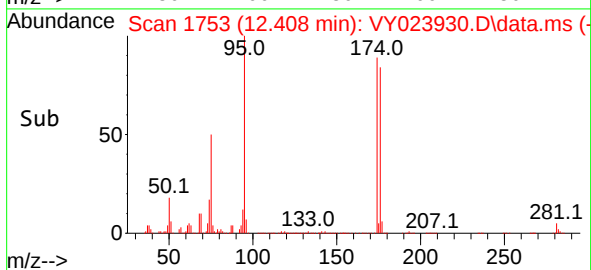
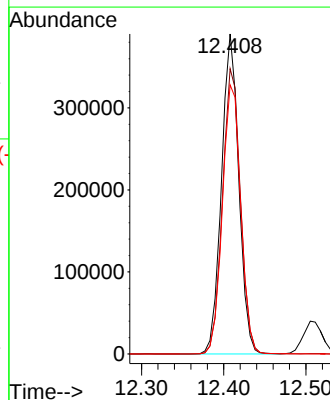
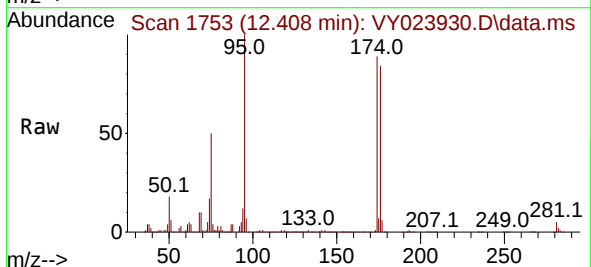
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

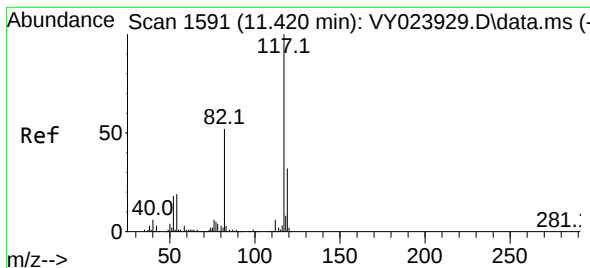
Tgt Ion:107 Resp: 362393
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 91.098 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 95 Resp: 570715
Ion Ratio Lower Upper
95 100
174 92.7 0.0 187.4
176 89.2 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

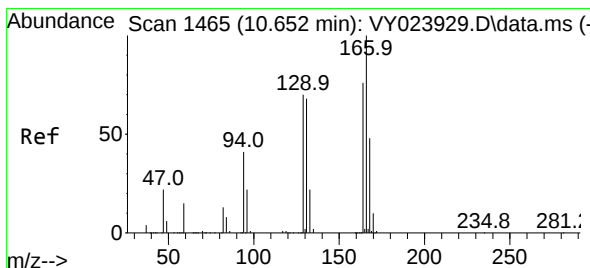
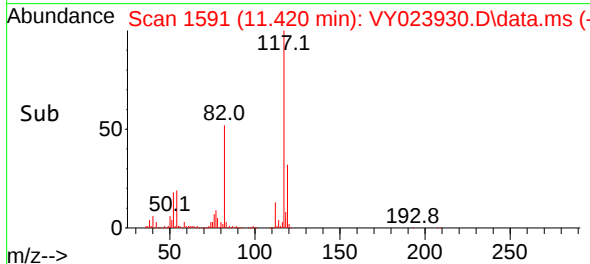
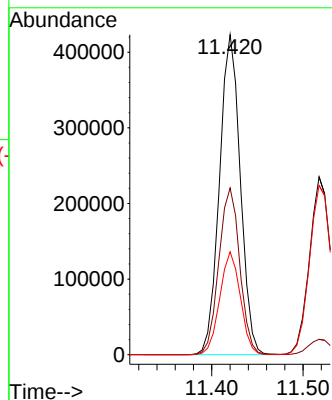
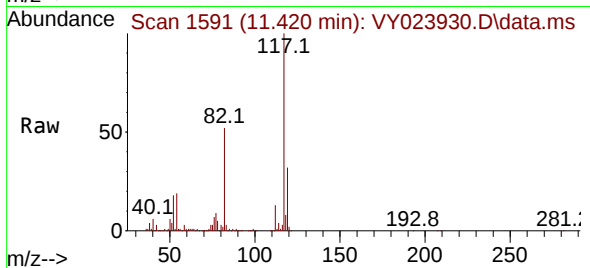
Tgt Ion:117 Resp: 671754

Ion Ratio Lower Upper

117 100

82 52.1 41.4 62.2

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 100.449 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Tgt Ion:164 Resp: 724901

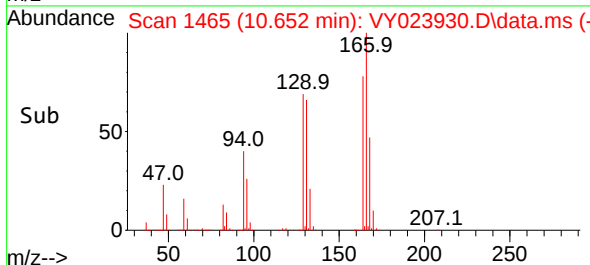
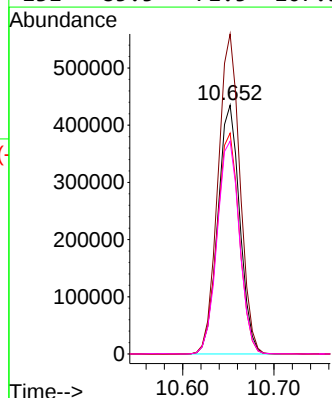
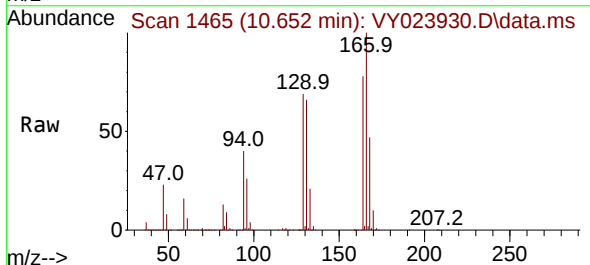
Ion Ratio Lower Upper

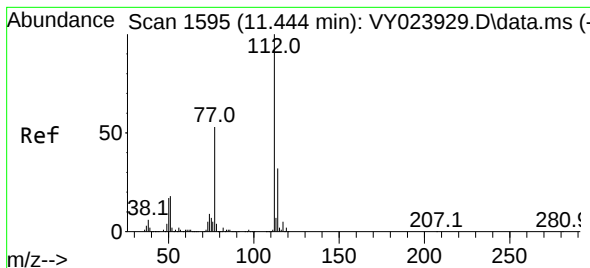
164 100

166 128.6 105.0 157.4

129 88.8 73.0 109.4

131 85.5 71.5 107.3





#65

Chlorobenzene

Concen: 104.196 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

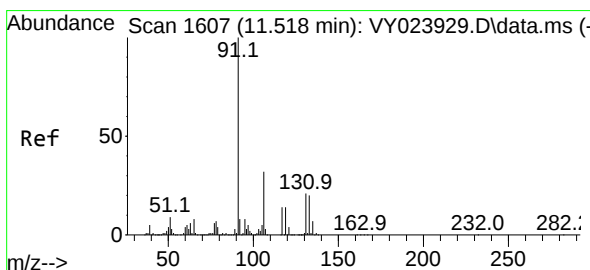
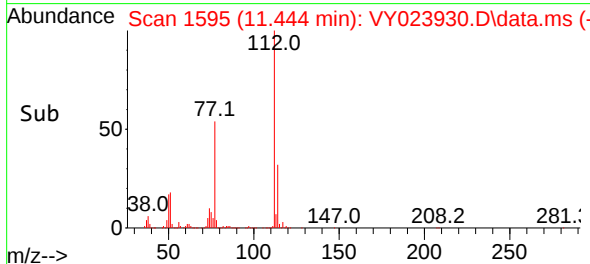
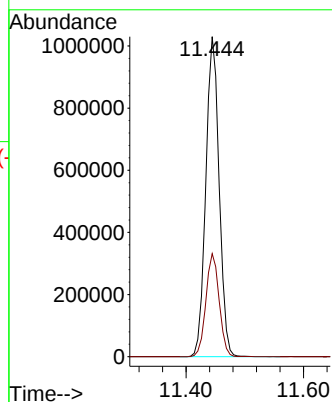
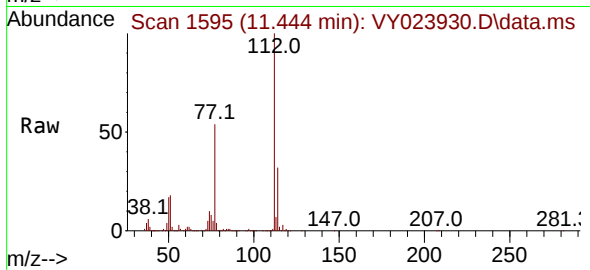
VSTDIC100

Tgt Ion:112 Resp: 1621888

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 103.390 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

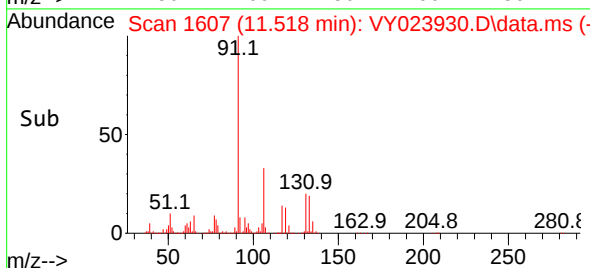
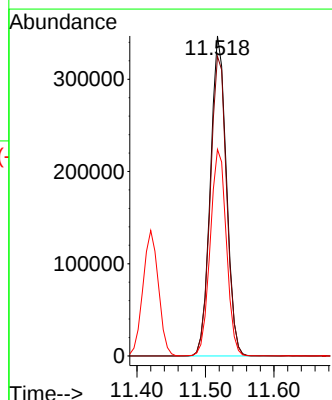
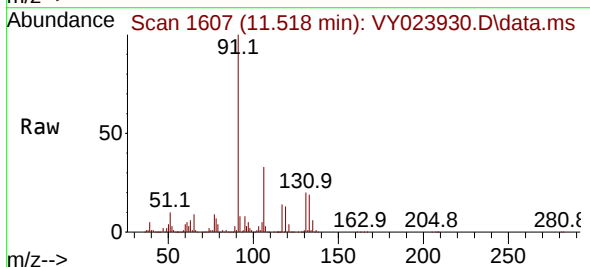
Tgt Ion:131 Resp: 564417

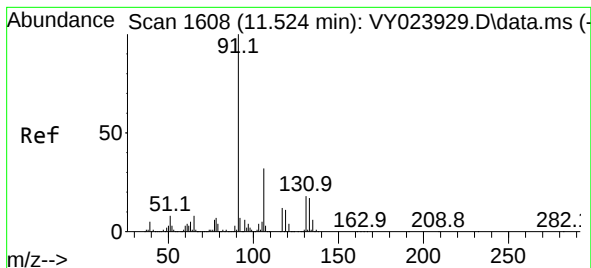
Ion Ratio Lower Upper

131 100

133 95.4 48.4 145.3

119 65.1 33.1 99.2

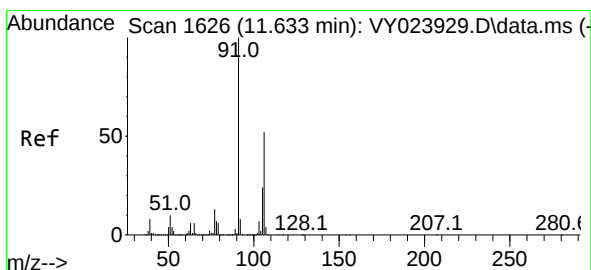
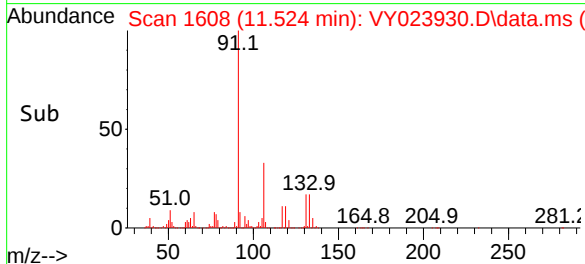
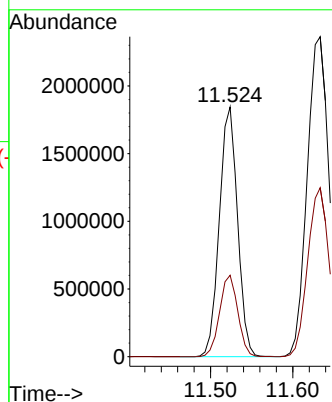
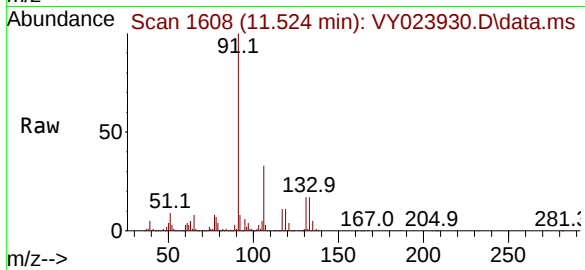




#67
Ethyl Benzene
Concen: 108.843 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

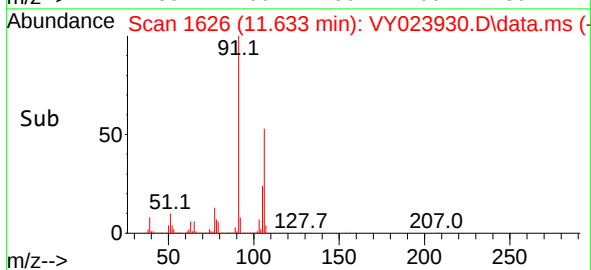
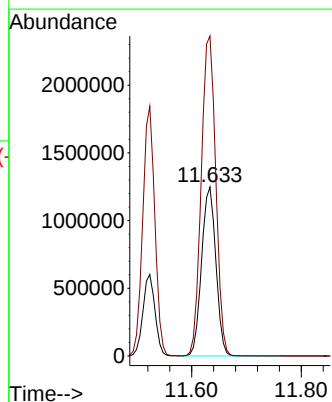
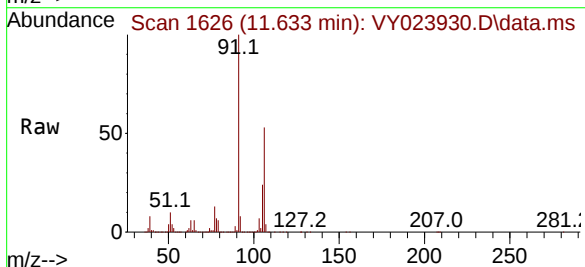
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

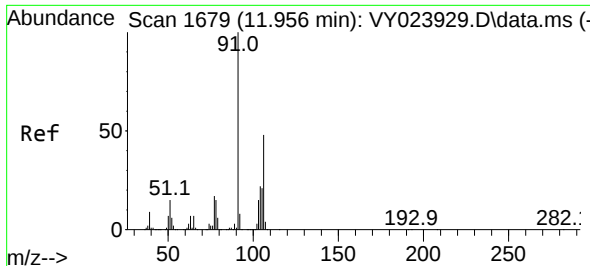
Tgt Ion: 91 Resp: 2838663
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.8



#68
m/p-Xylenes
Concen: 217.359 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 106 Resp: 2250360
Ion Ratio Lower Upper
106 100
91 193.0 155.0 232.6

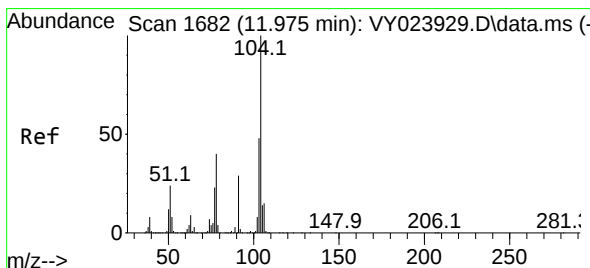
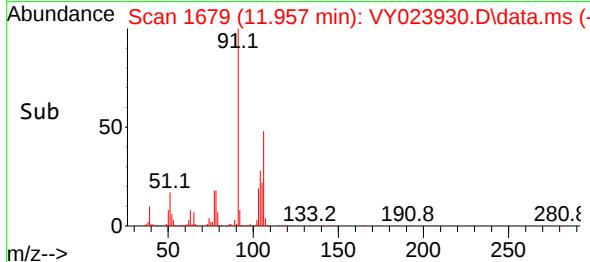
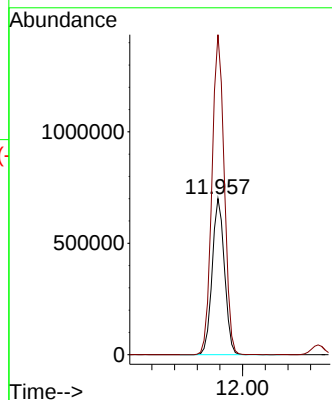
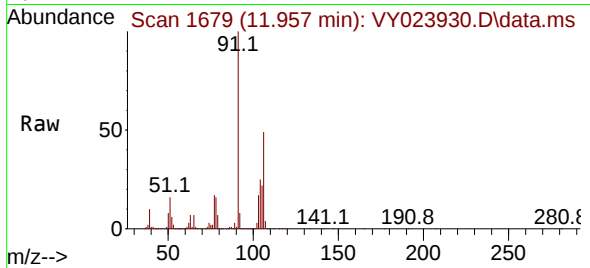




#69
o-Xylene
Concen: 109.007 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

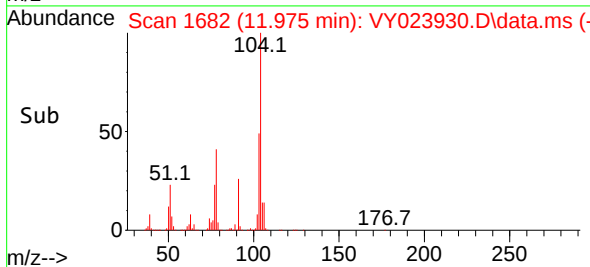
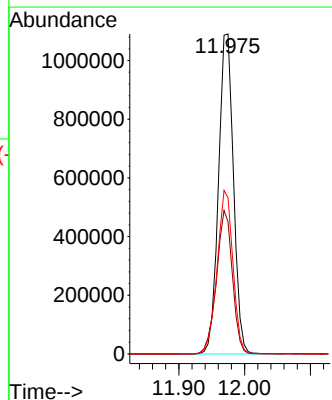
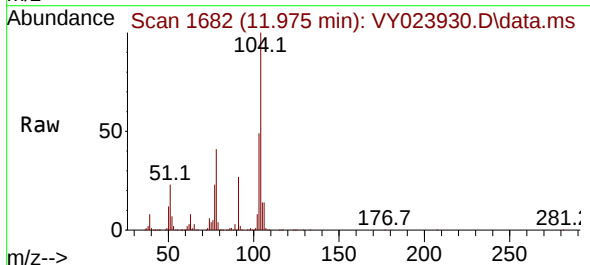
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

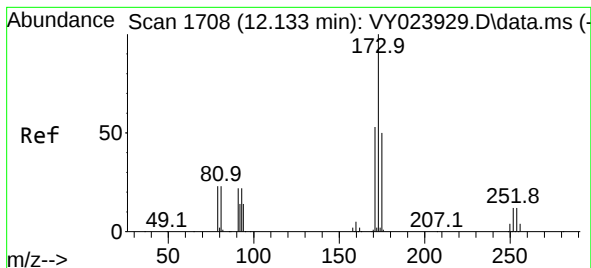
Tgt Ion:106 Resp: 1055734
Ion Ratio Lower Upper
106 100
91 205.2 102.1 306.1



#70
Styrene
Concen: 110.631 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion:104 Resp: 1730932
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 54.1 43.0 64.4





#71

Bromoform

Concen: 100.825 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

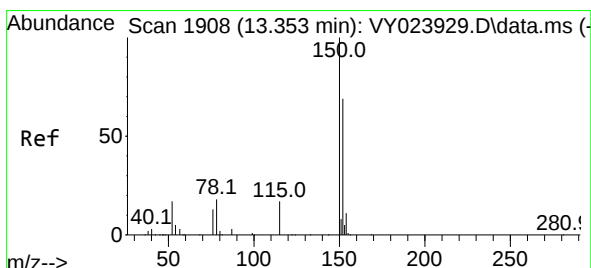
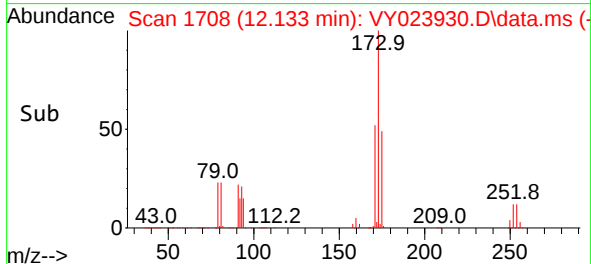
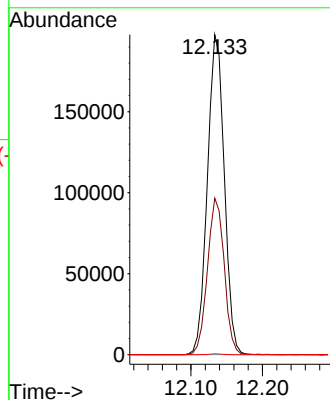
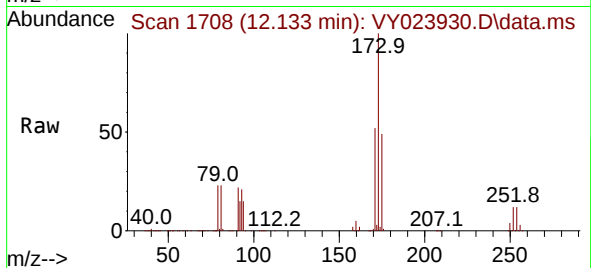
Tgt Ion:173 Resp: 324370

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

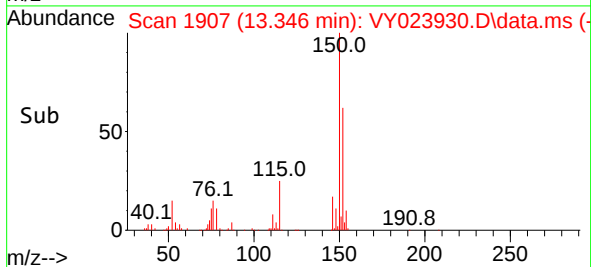
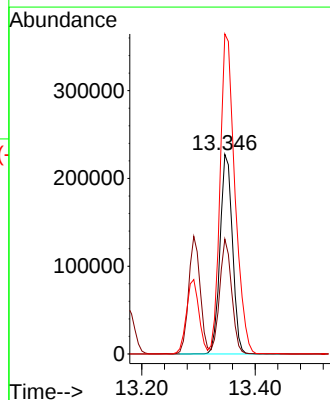
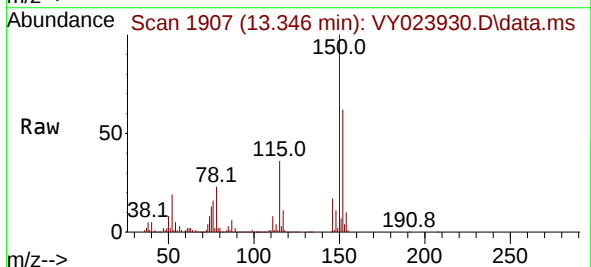
Tgt Ion:152 Resp: 344869

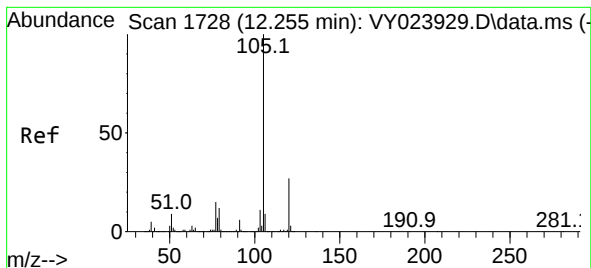
Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.9

150 191.5 0.0 347.6





#73

Isopropylbenzene

Concen: 110.101 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

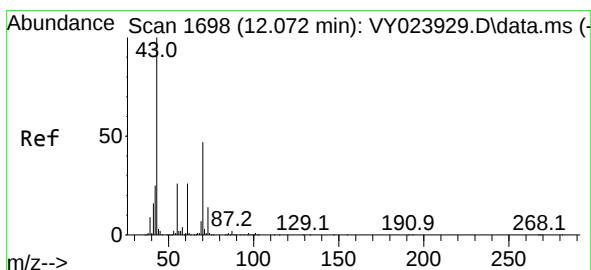
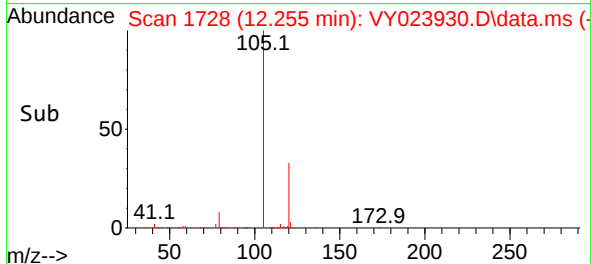
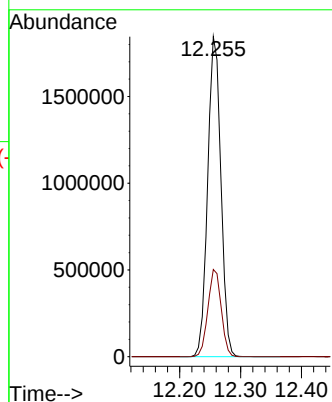
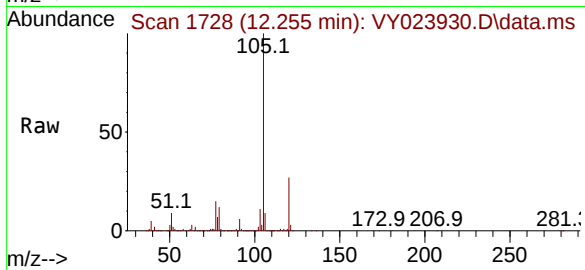
VSTDICC100

Tgt Ion:105 Resp: 2774932

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.0



#74

N-ethyl acetate

Concen: 117.986 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Tgt Ion: 43 Resp: 527462

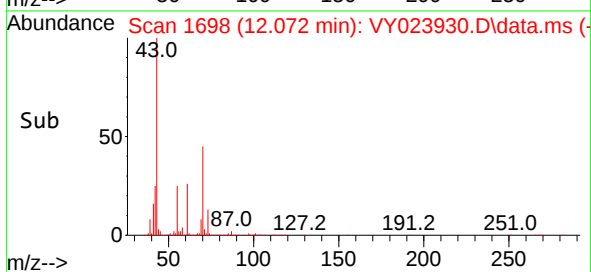
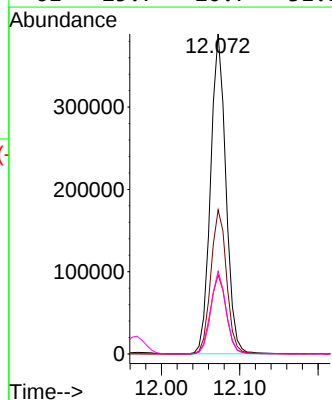
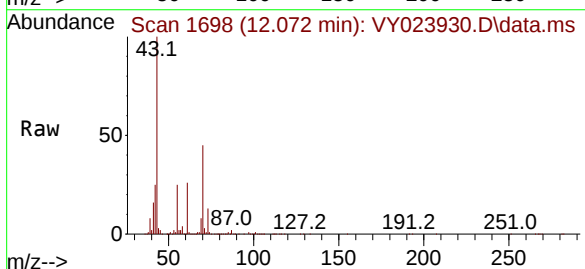
Ion Ratio Lower Upper

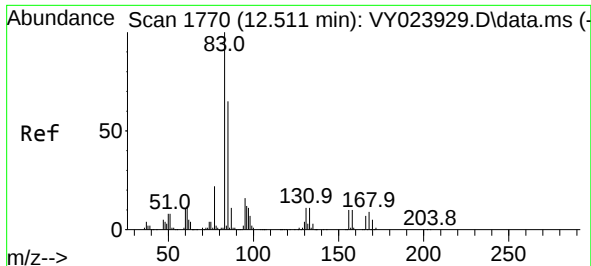
43 100

70 46.4 37.4 56.0

55 25.8 21.6 32.4

61 25.7 20.7 31.1

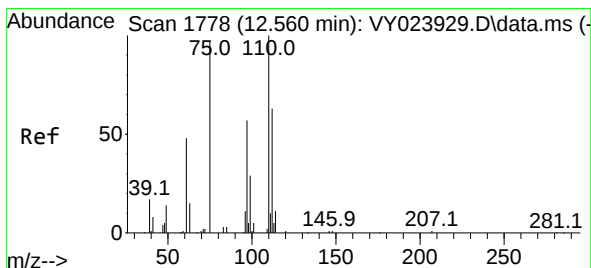
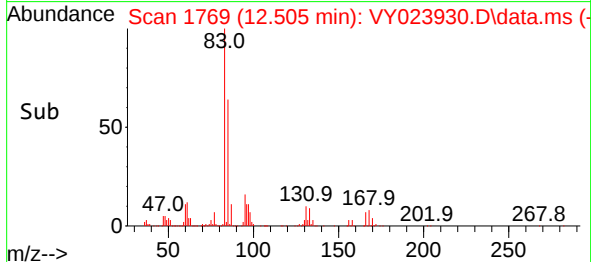
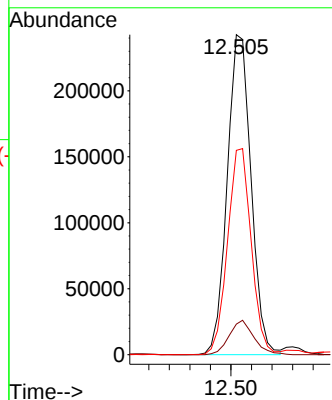
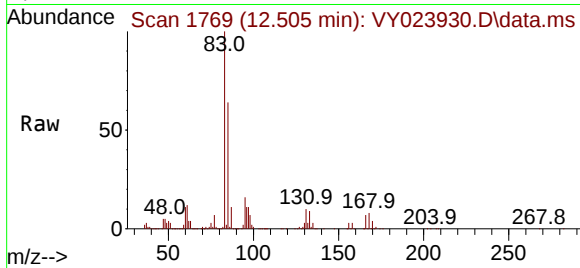




#75
1,1,2,2-Tetrachloroethane
Concen: 101.996 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

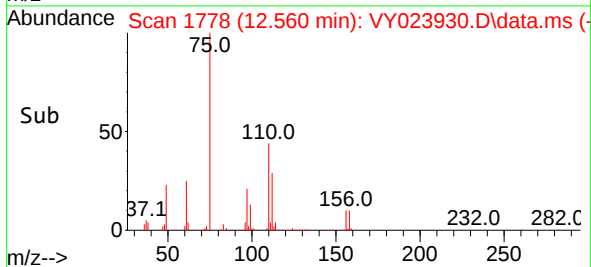
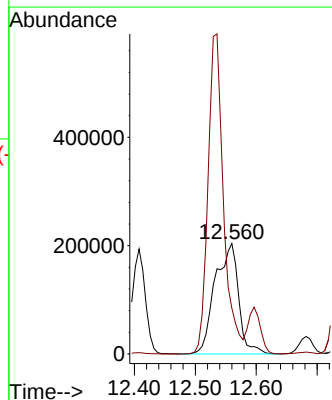
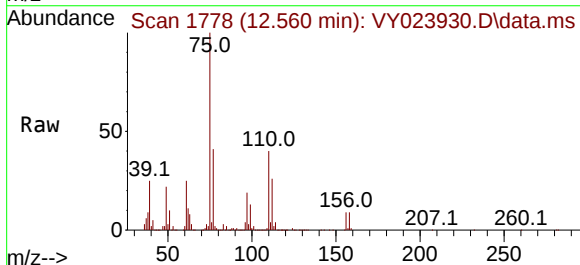
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

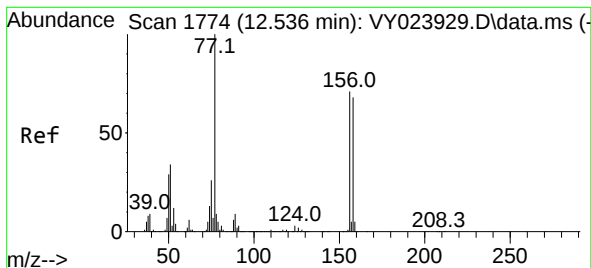
Tgt Ion: 83 Resp: 391425
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 64.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 186.355 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 75 Resp: 545327
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 104.056 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

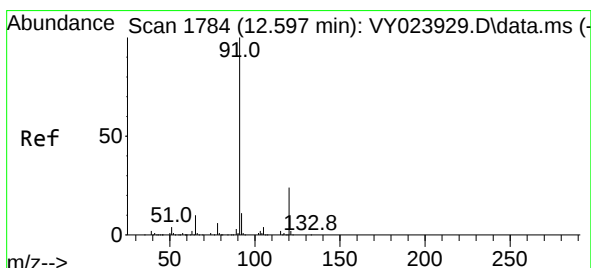
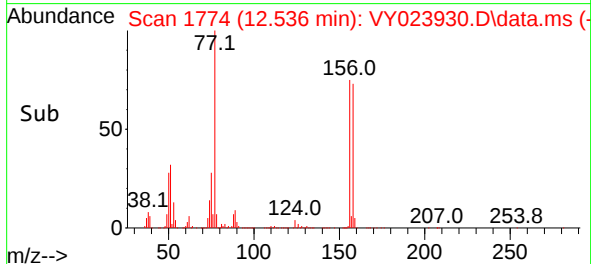
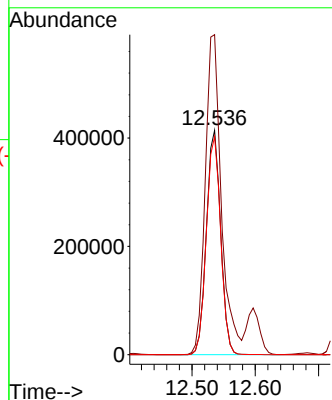
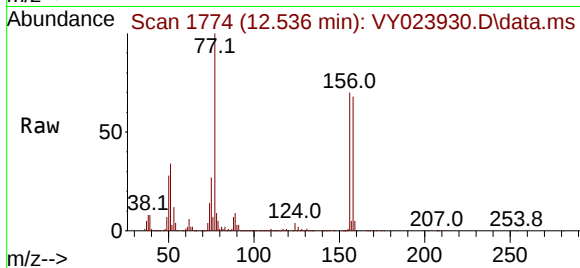
Tgt Ion:156 Resp: 650727

Ion Ratio Lower Upper

156 100

77 160.9 79.8 239.4

158 97.8 48.0 144.2



#78

n-propylbenzene

Concen: 110.064 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023930.D

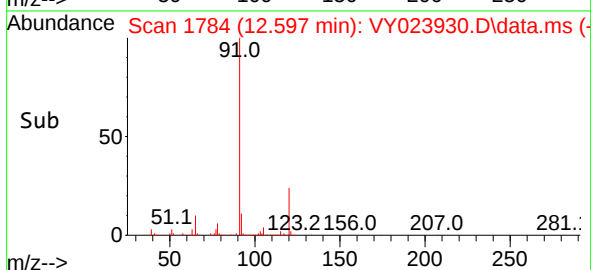
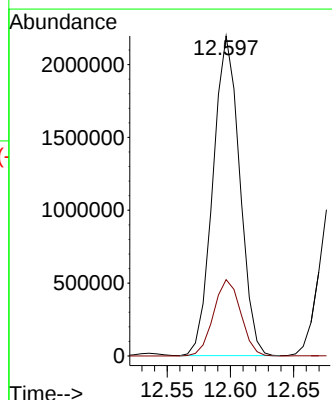
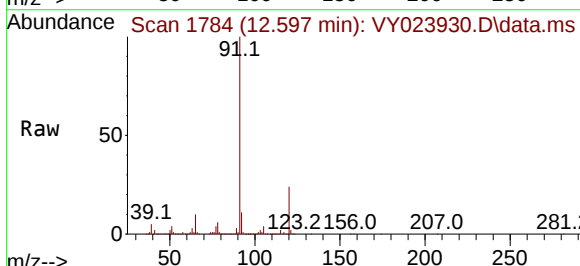
Acq: 10 Dec 2025 10:29

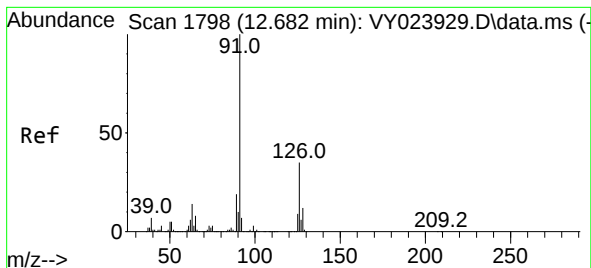
Tgt Ion: 91 Resp: 3227485

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.0

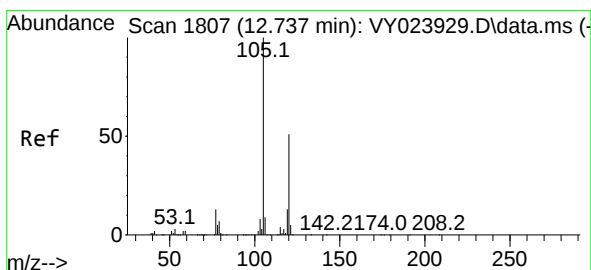
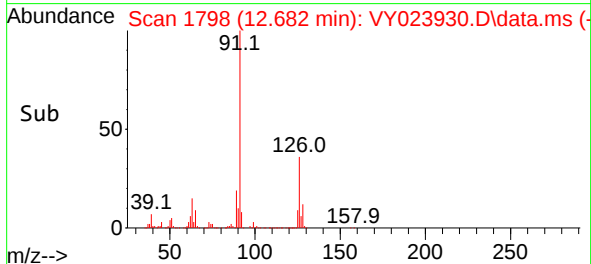
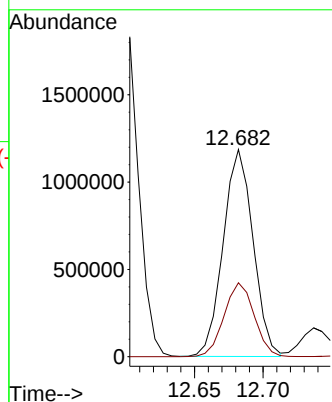
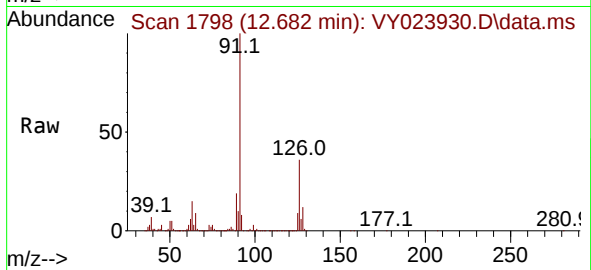




#79
2-Chlorotoluene
Concen: 108.111 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

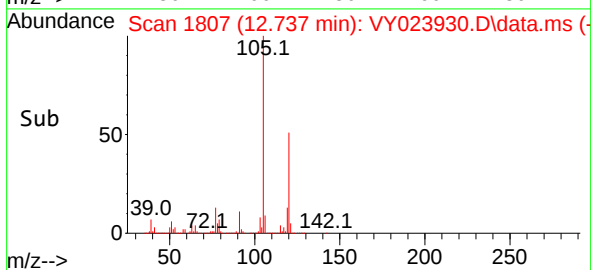
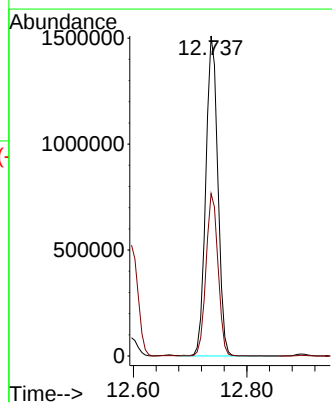
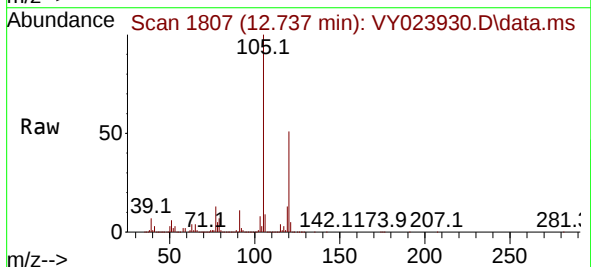
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

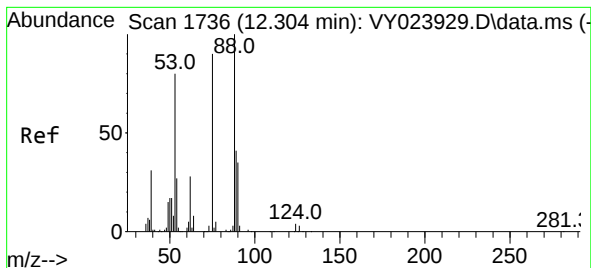
Tgt Ion: 91 Resp: 1800818
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 110.610 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 105 Resp: 2224048
Ion Ratio Lower Upper
105 100
120 50.5 25.7 77.1

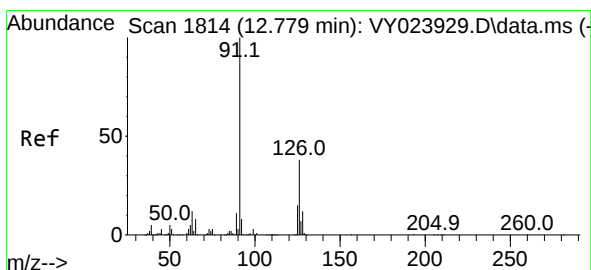
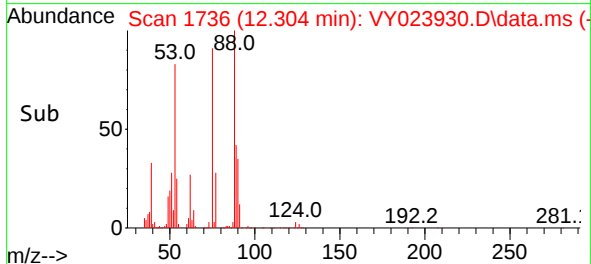
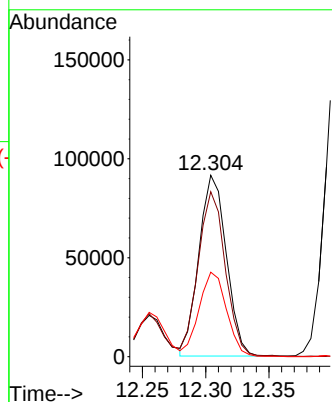
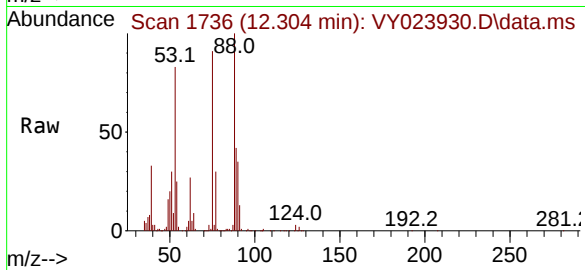




#81
trans-1,4-Dichloro-2-butene
Concen: 107.932 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

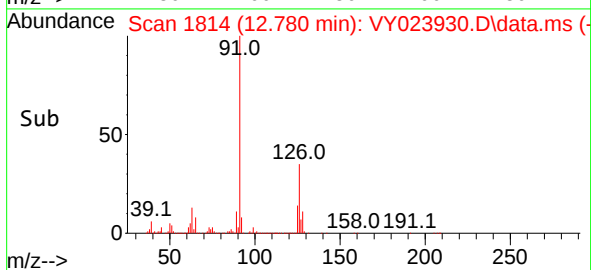
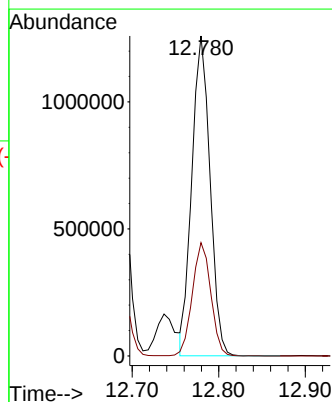
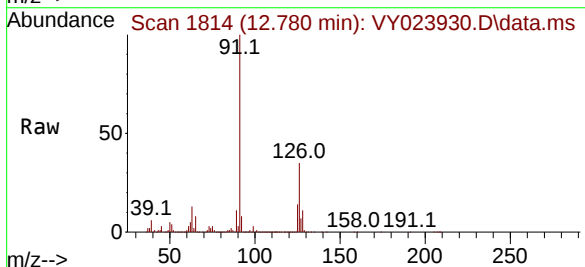
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

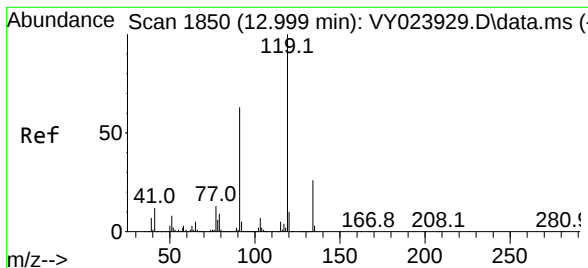
Tgt Ion: 75 Resp: 138326
Ion Ratio Lower Upper
75 100
53 90.3 73.4 110.0
89 47.0 38.9 58.3



#82
4-Chlorotoluene
Concen: 107.061 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion: 91 Resp: 1835844
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.1

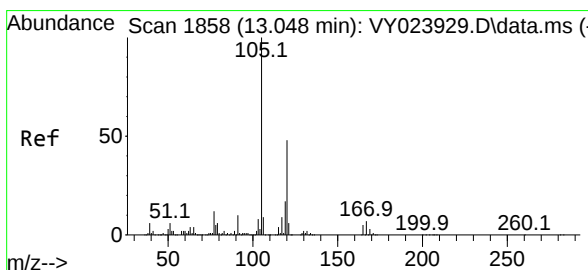
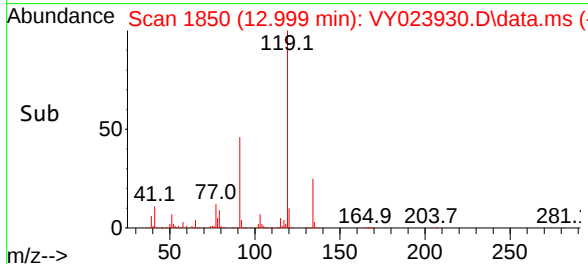
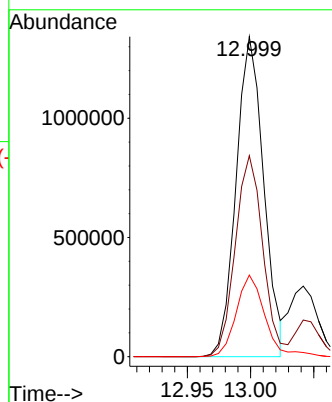
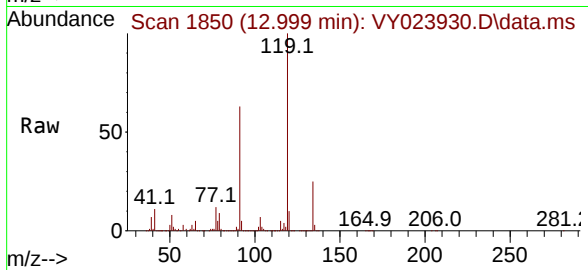




#83
tert-Butylbenzene
Concen: 109.827 ug/l
RT: 12.999 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

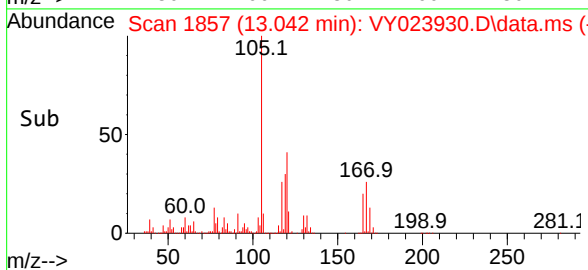
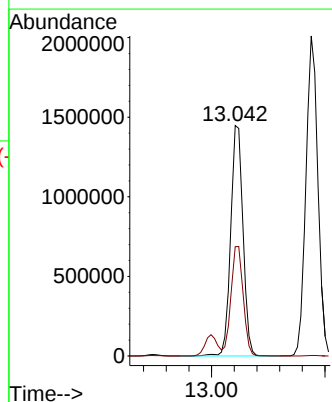
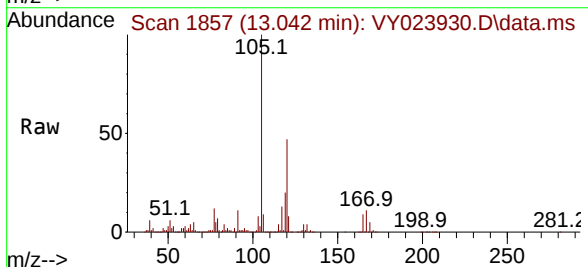
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

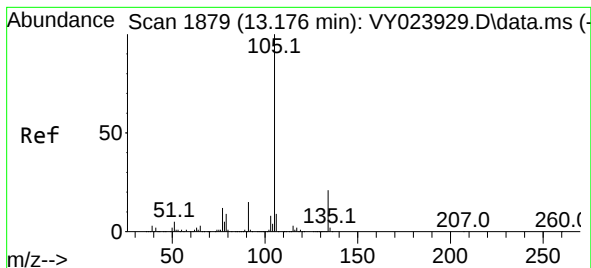
Tgt Ion:119 Resp: 2040369
Ion Ratio Lower Upper
119 100
91 63.1 31.6 94.7
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 109.242 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY023930.D
Acq: 10 Dec 2025 10:29

Tgt Ion:105 Resp: 2175944
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 108.761 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

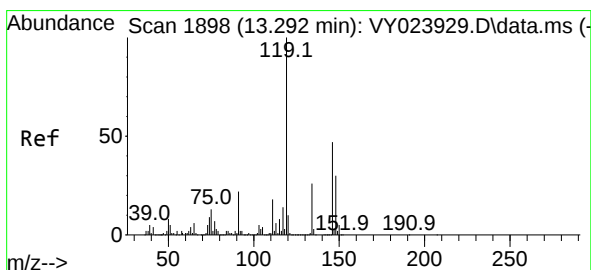
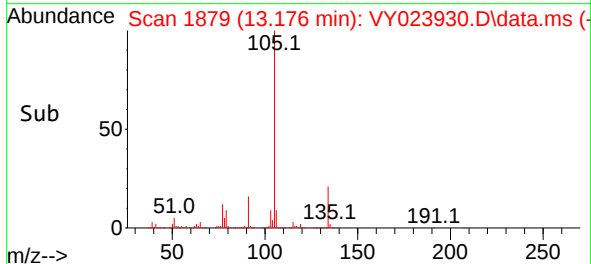
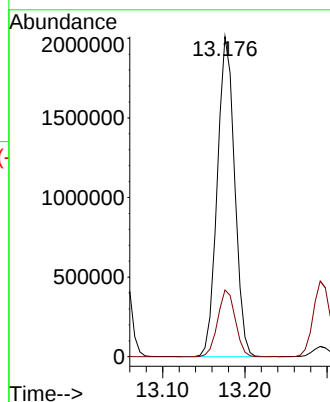
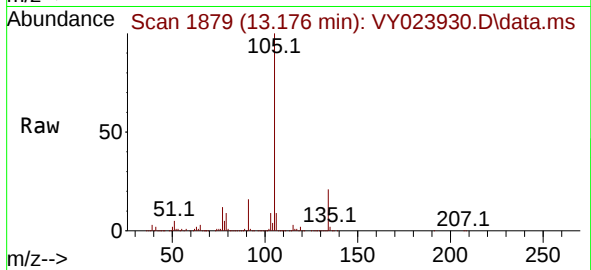
VSTDIC100

Tgt Ion:105 Resp: 2947470

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



#86

p-Isopropyltoluene

Concen: 109.456 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

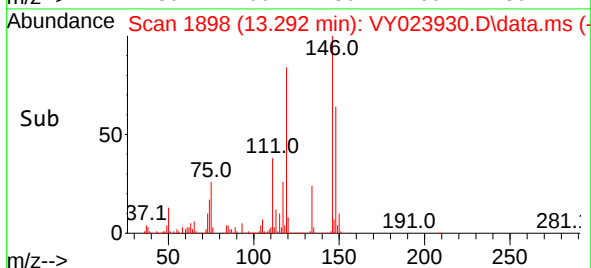
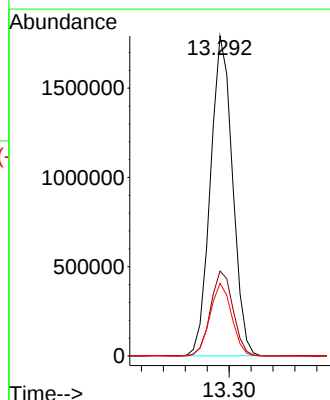
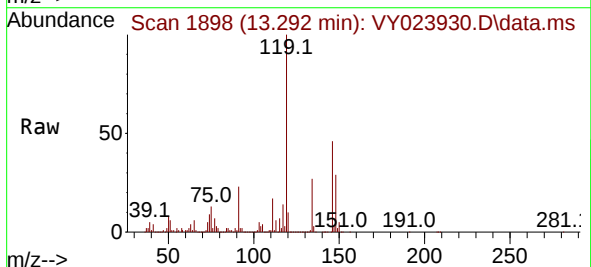
Tgt Ion:119 Resp: 2510830

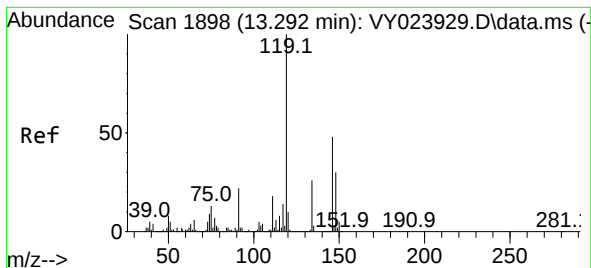
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.3 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 104.184 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

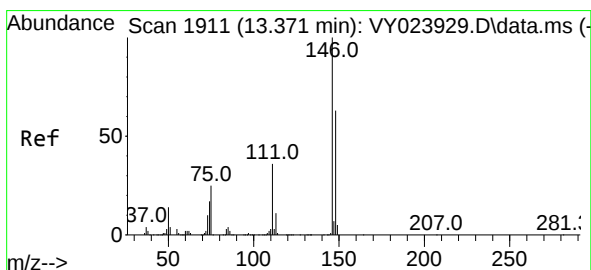
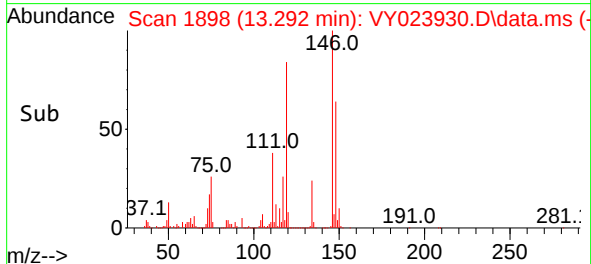
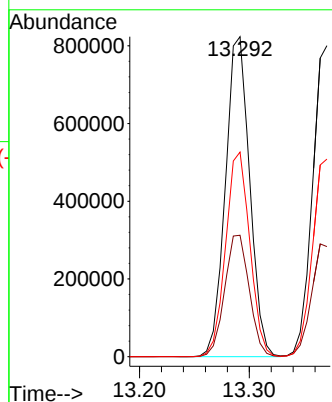
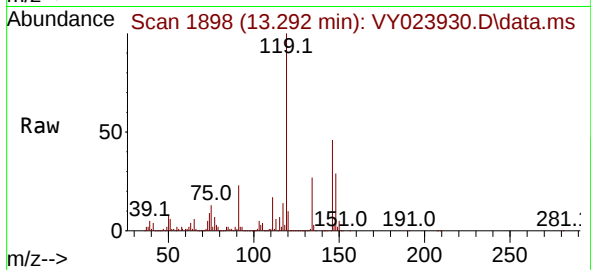
Tgt Ion:146 Resp: 1265255

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

148 63.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 101.758 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

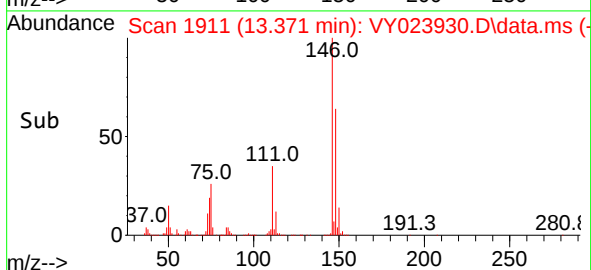
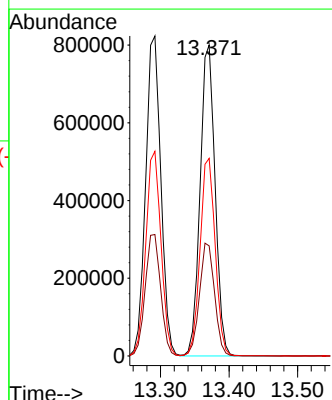
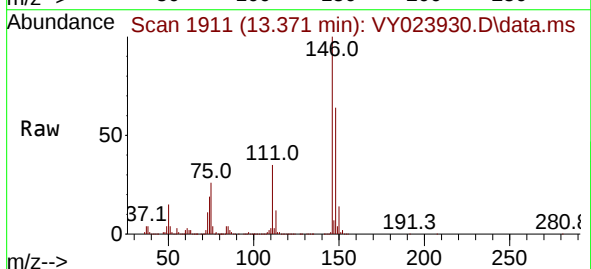
Tgt Ion:146 Resp: 1218161

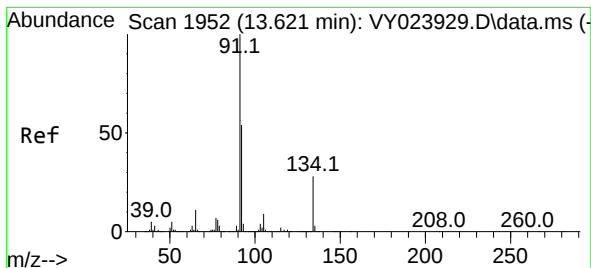
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.0

148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 111.297 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

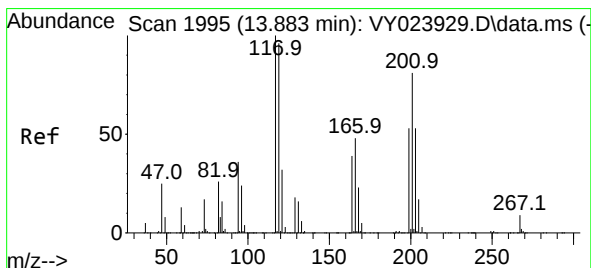
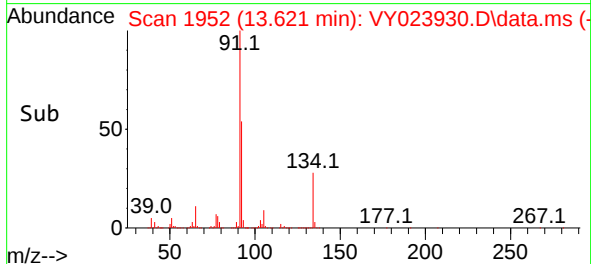
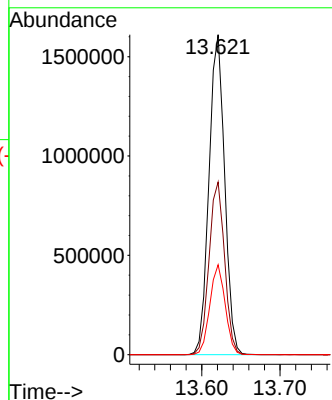
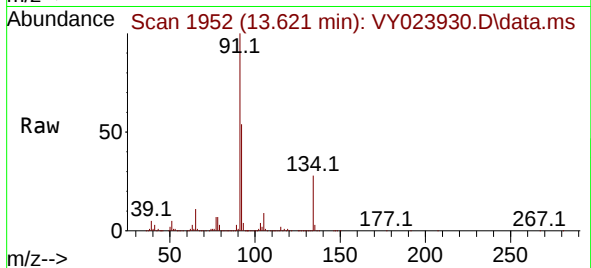
MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 2233659

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	27.6	13.9	41.6



#90

Hexachloroethane

Concen: 105.710 ug/l

RT: 13.883 min Scan# 1995

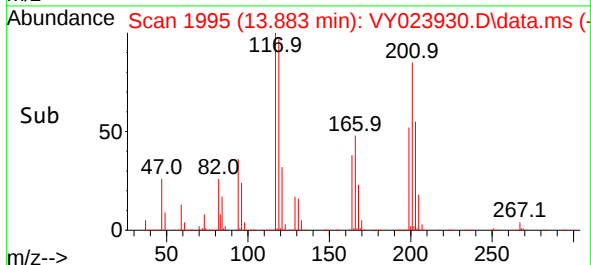
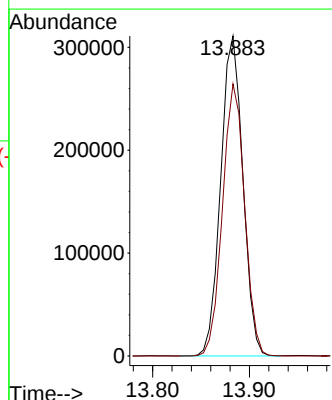
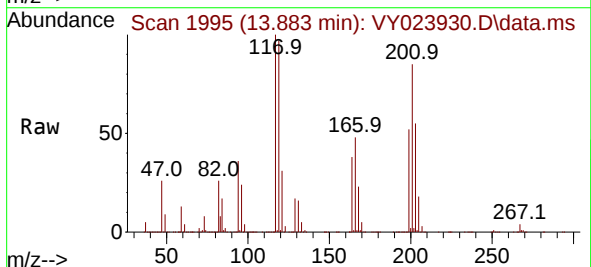
Delta R.T. 0.000 min

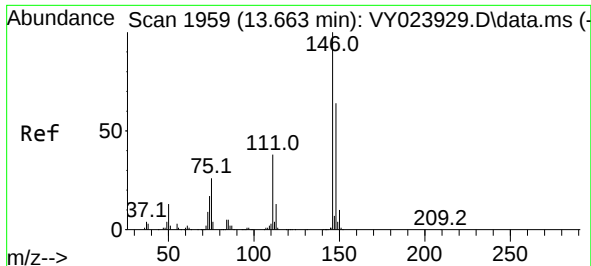
Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Tgt Ion: 117 Resp: 494823

Ion	Ratio	Lower	Upper
117	100		
201	84.6	42.4	127.3



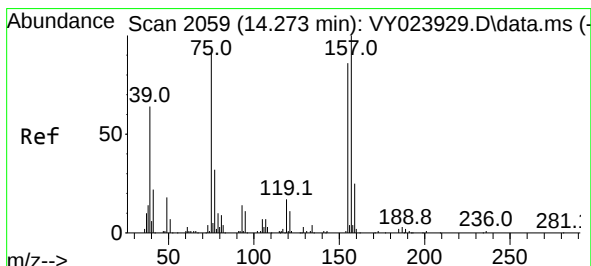
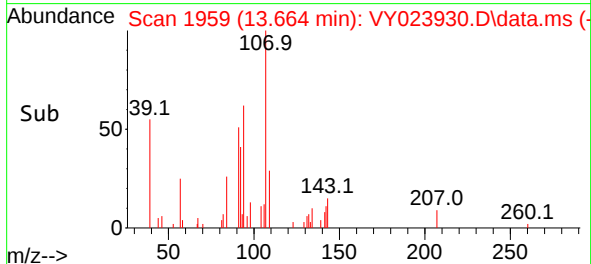
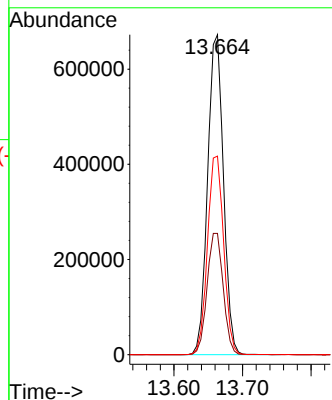
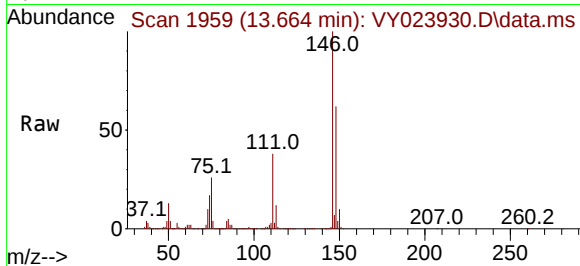


#91
 1,2-Dichlorobenzene
 Concen: 102.596 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY023930.D
 Acq: 10 Dec 2025 10:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 1079519

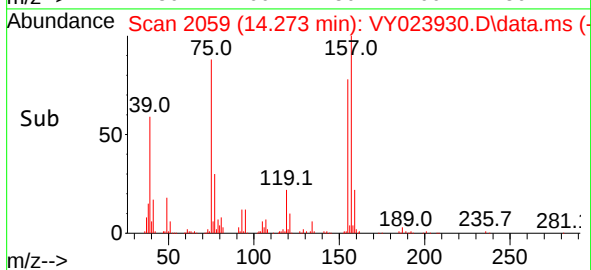
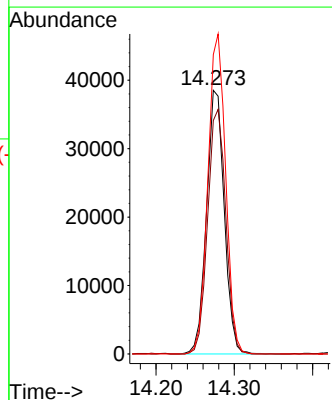
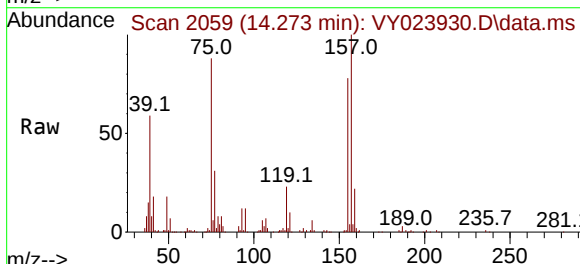
Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	63.5	31.6	95.0

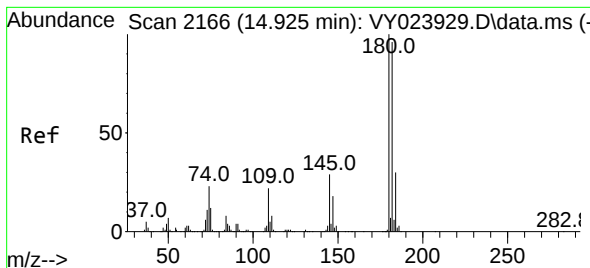


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.791 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023930.D
 Acq: 10 Dec 2025 10:29

Tgt Ion: 75 Resp: 60483

Ion	Ratio	Lower	Upper
75	100		
155	94.8	50.2	150.7
157	121.1	62.8	188.5





#93

1,2,4-Trichlorobenzene

Concen: 106.924 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

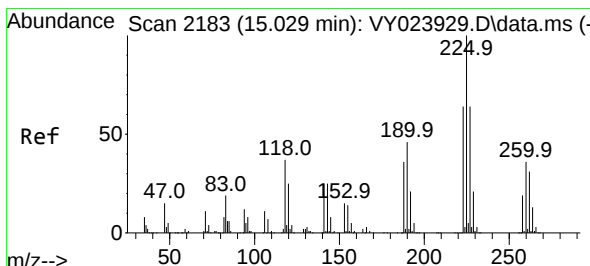
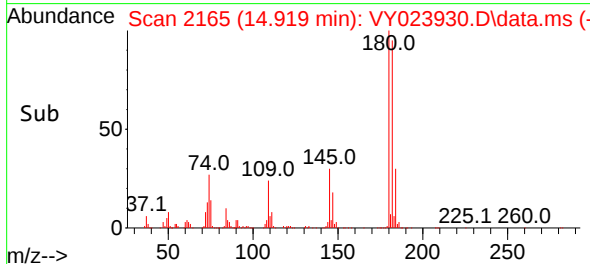
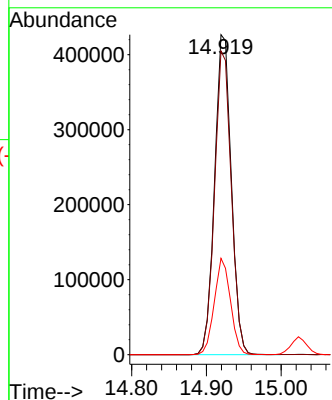
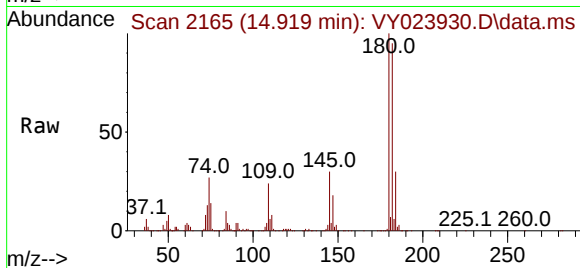
Tgt Ion:180 Resp: 661243

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 29.3 14.8 44.4



#94

Hexachlorobutadiene

Concen: 101.406 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

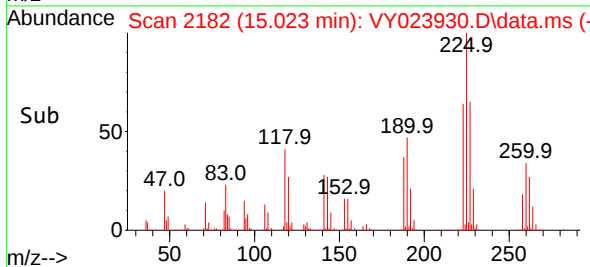
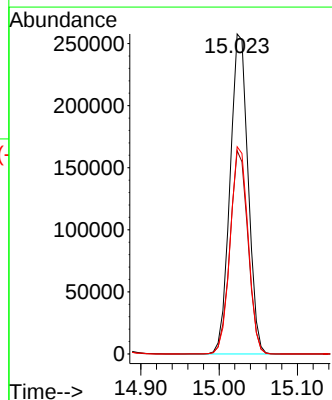
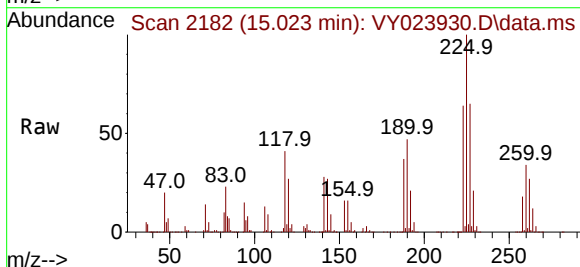
Tgt Ion:225 Resp: 411063

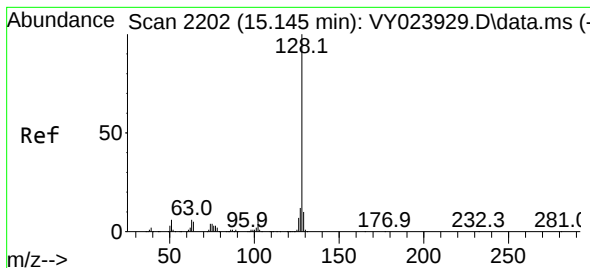
Ion Ratio Lower Upper

225 100

223 63.2 31.6 95.0

227 64.3 31.7 95.1





#95

Naphthalene

Concen: 110.988 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

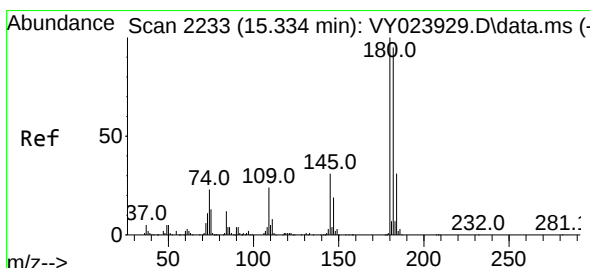
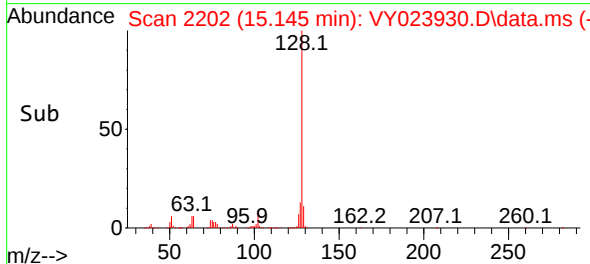
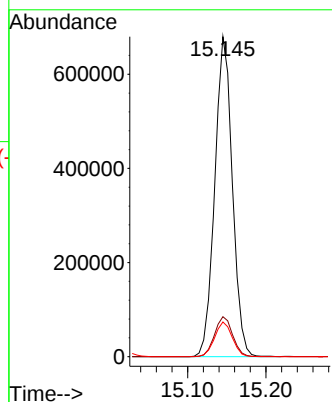
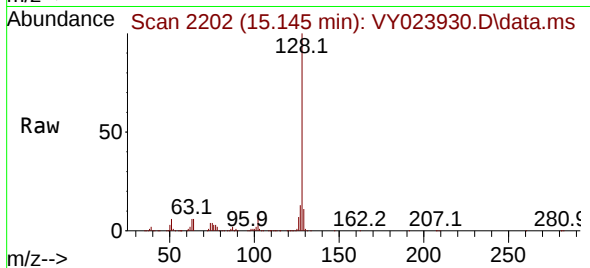
Tgt Ion:128 Resp: 1061310

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 103.883 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023930.D

Acq: 10 Dec 2025 10:29

Tgt Ion:180 Resp: 546684

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.4

145 31.0 15.6 46.8

