

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023665.D
 Acq On : 04 Nov 2025 11:05
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 05 04:29:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:24:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	565663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	831963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	740642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	480881	99.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.320%#	
35) Dibromofluoromethane	7.634	113	529343	101.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 203.620%#	
50) Toluene-d8	10.109	98	2036678	105.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 210.320%#	
62) 4-Bromofluorobenzene	12.402	95	665813	106.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 212.600%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	321162	86.493	ug/l	99
3) Chloromethane	2.074	50	479848	92.348	ug/l	99
4) Vinyl Chloride	2.208	62	629525	93.106	ug/l	99
5) Bromomethane	2.592	94	525066	92.319	ug/l	98
6) Chloroethane	2.733	64	445045	95.235	ug/l	99
7) Trichlorofluoromethane	3.056	101	884872	92.924	ug/l	100
8) Diethyl Ether	3.458	74	260634	102.064	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	496959	94.721	ug/l	100
10) Methyl Iodide	4.007	142	661306	106.741	ug/l	99
11) Tert butyl alcohol	4.860	59	149691	481.121	ug/l	98
12) 1,1-Dichloroethene	3.793	96	499345	98.802	ug/l	100
13) Acrolein	3.653	56	191158	478.014	ug/l	99
14) Allyl chloride	4.385	41	652452	106.061	ug/l	99
15) Acrylonitrile	5.061	53	521023	533.895	ug/l	99
16) Acetone	3.866	43	591155	492.879	ug/l	100
17) Carbon Disulfide	4.110	76	1505201	97.036	ug/l	99
18) Methyl Acetate	4.385	43	289722	109.515	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	1280442	109.260	ug/l	100
20) Methylene Chloride	4.616	84	538051	92.927	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	576752	101.211	ug/l	97
22) Diisopropyl ether	6.025	45	1476751	107.734	ug/l	98
23) Vinyl Acetate	5.964	43	4052575	554.021	ug/l	99
24) 1,1-Dichloroethane	5.921	63	920205	100.771	ug/l	99
25) 2-Butanone	6.890	43	716857	516.946	ug/l	100
26) 2,2-Dichloropropane	6.890	77	836165	99.545	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	677651	104.123	ug/l	100
28) Bromochloromethane	7.250	49	351637	100.569	ug/l	99
29) Tetrahydrofuran	7.262	42	407174	551.338	ug/l	98
30) Chloroform	7.421	83	1015475	99.668	ug/l	100
31) Cyclohexane	7.701	56	785863	98.820	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	908433	99.760	ug/l	99
36) 1,1-Dichloropropene	7.835	75	702866	101.168	ug/l	99
37) Ethyl Acetate	6.988	43	287737	106.984	ug/l	99
38) Carbon Tetrachloride	7.817	117	821264	100.329	ug/l	99
39) Methylcyclohexane	9.109	83	946648	106.639	ug/l	99
40) Benzene	8.079	78	2238265	102.208	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	162465	113.249	ug/l	97
42) 1,2-Dichloroethane	8.158	62	564693	101.924	ug/l	99
43) Isopropyl Acetate	8.201	43	559293	110.678	ug/l #	87
44) Trichloroethene	8.866	130	626949	99.676	ug/l	97
45) 1,2-Dichloropropane	9.140	63	494430	102.300	ug/l	99
46) Dibromomethane	9.231	93	308450	103.001	ug/l	99
47) Bromodichloromethane	9.426	83	780217	103.338	ug/l	98
48) Methyl methacrylate	9.219	41	273819	114.688	ug/l	98
49) 1,4-Dioxane	9.231	88	66284	2162.837	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	1509447	561.674	ug/l	99
52) Toluene	10.170	92	1494139	106.868	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	708290	110.869	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	824093	107.667	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	414987	103.695	ug/l	96
56) Ethyl methacrylate	10.438	69	529329	120.046	ug/l	98
57) 1,3-Dichloropropane	10.719	76	663870	104.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1213712	599.849	ug/l	99
59) 2-Hexanone	10.762	43	1099726	560.896	ug/l	99
60) Dibromochloromethane	10.914	129	577908	105.098	ug/l	100
61) 1,2-Dibromoethane	11.018	107	396076	105.457	ug/l	99
64) Tetrachloroethene	10.646	164	741118	96.137	ug/l	99
65) Chlorobenzene	11.438	112	1639055	101.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	583207	102.290	ug/l	99
67) Ethyl Benzene	11.518	91	2825731	108.283	ug/l	99
68) m/p-Xylenes	11.627	106	2241551	214.992	ug/l	99
69) o-Xylene	11.950	106	1062605	110.253	ug/l	99
70) Styrene	11.969	104	1753830	110.290	ug/l	100
71) Bromoform	12.133	173	351826	105.656	ug/l	99
73) Isopropylbenzene	12.255	105	2698043	108.880	ug/l	100
74) N-amyl acetate	12.066	43	491427	117.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	421715	106.557	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	563525	187.934	ug/l #	100
77) Bromobenzene	12.530	156	677938	105.471	ug/l	98
78) n-propylbenzene	12.591	91	3116044	106.906	ug/l	99
79) 2-Chlorotoluene	12.676	91	1783319	105.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	2181015	108.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	142192	107.168	ug/l	99
82) 4-Chlorotoluene	12.773	91	1818934	104.277	ug/l	100
83) tert-Butylbenzene	12.993	119	2013210	109.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	2172108	108.924	ug/l	99
85) sec-Butylbenzene	13.176	105	2838051	107.306	ug/l	100
86) p-Isopropyltoluene	13.286	119	2438892	108.929	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	1292429	102.159	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	1243927	100.096	ug/l	99
89) n-Butylbenzene	13.615	91	2131963	109.503	ug/l	98
90) Hexachloroethane	13.877	117	492034	102.262	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1107343	101.567	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	64052	105.113	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	691314	110.855	ug/l	100
94) Hexachlorobutadiene	15.023	225	415145	101.602	ug/l	99
95) Naphthalene	15.139	128	1145310	99.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	579136	111.152	ug/l	99

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QLast Update : Wed Nov 05 04:24:21 2025
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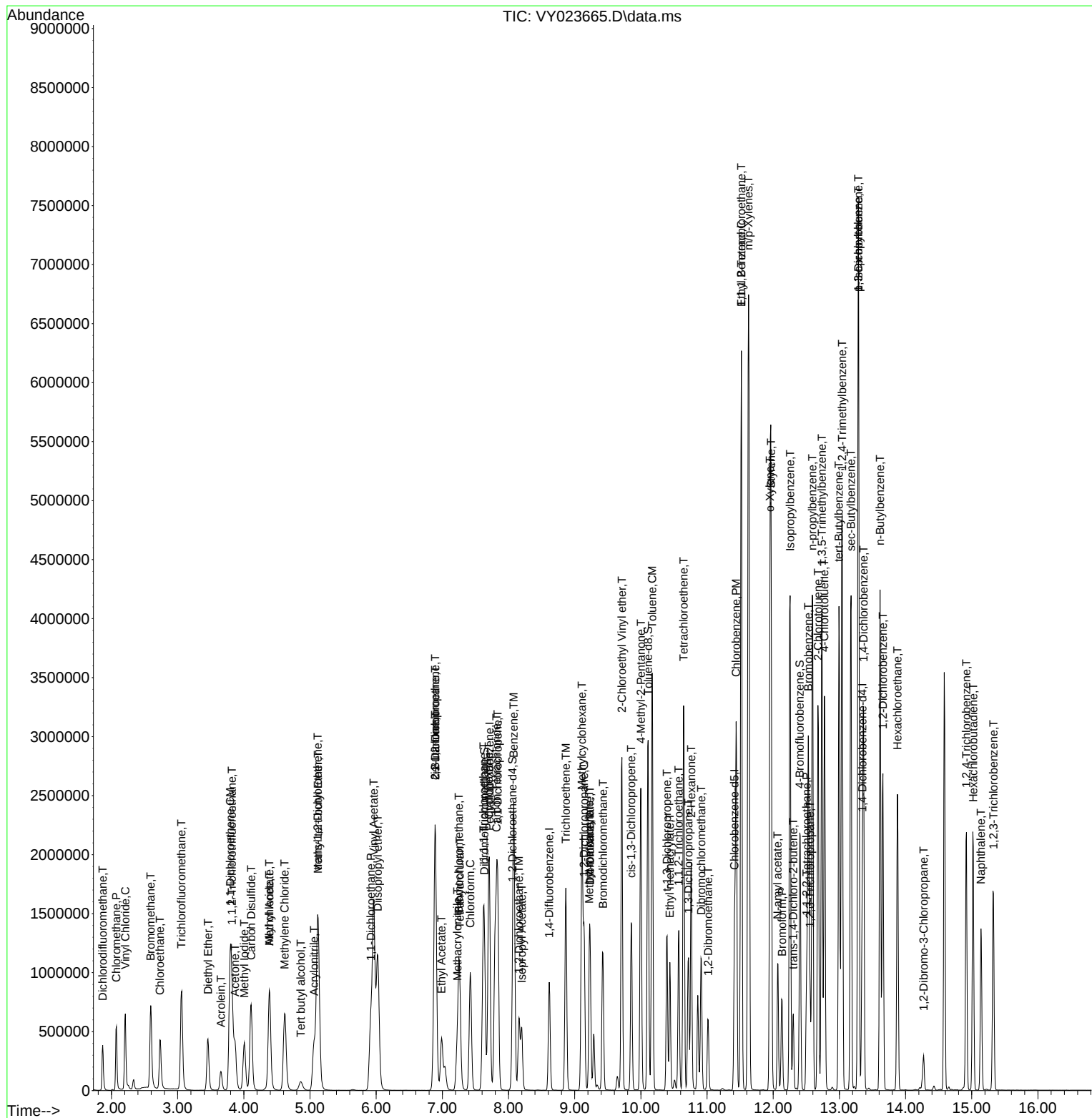
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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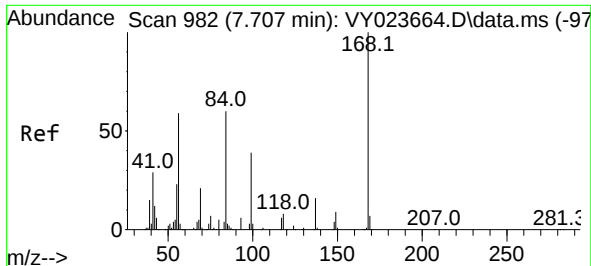
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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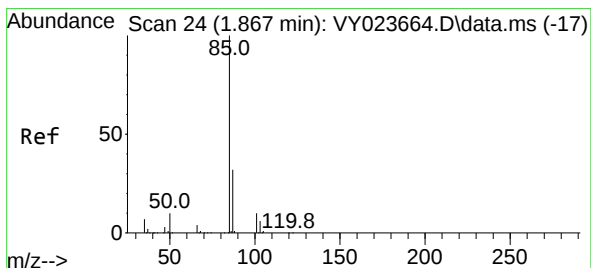
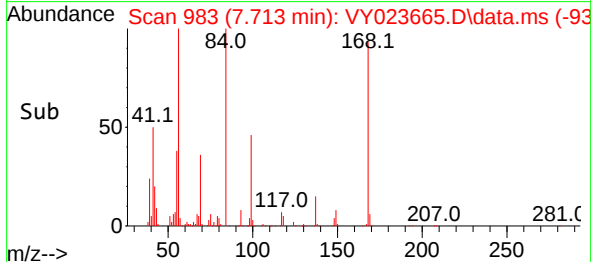
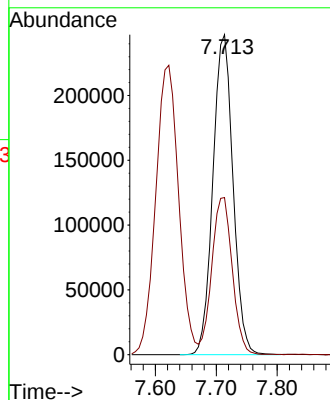
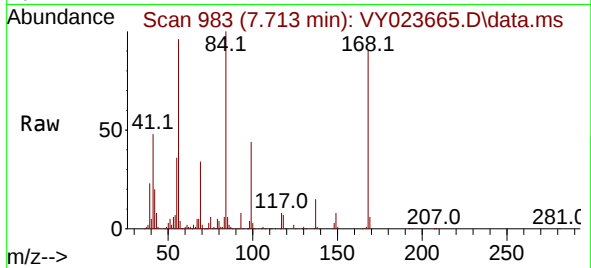




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023665.D
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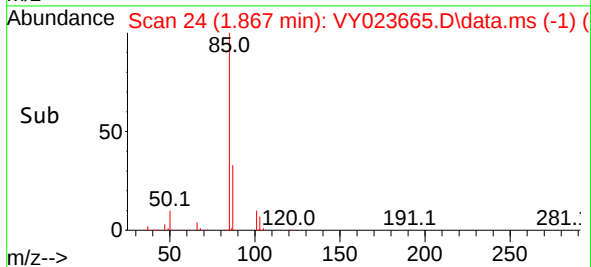
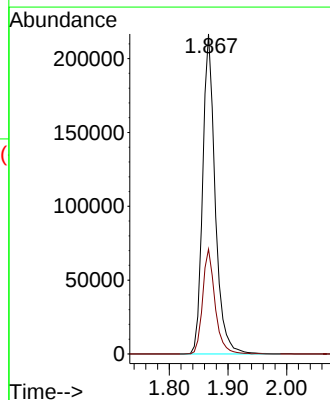
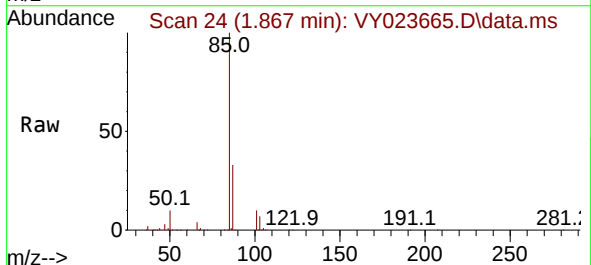
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

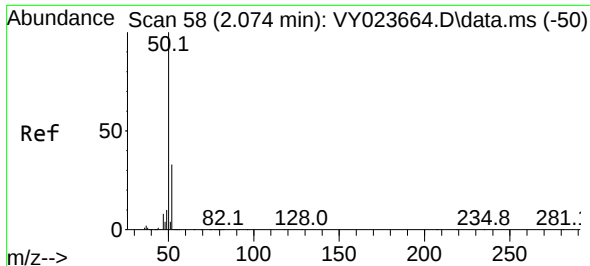
Tgt Ion:168 Resp: 565663
Ion Ratio Lower Upper
168 100
99 49.0 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 86.493 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 85 Resp: 321162
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6

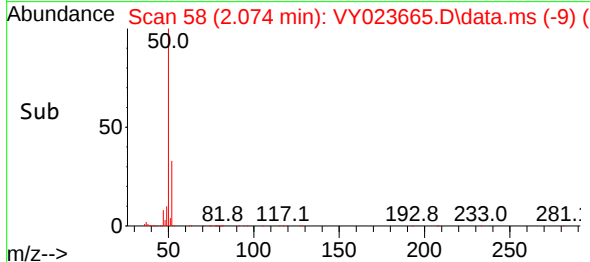
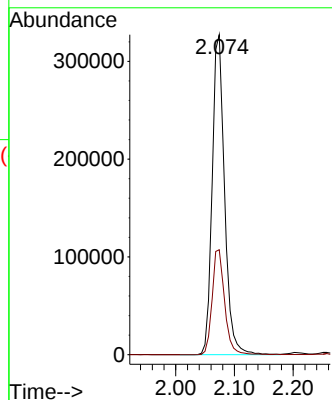
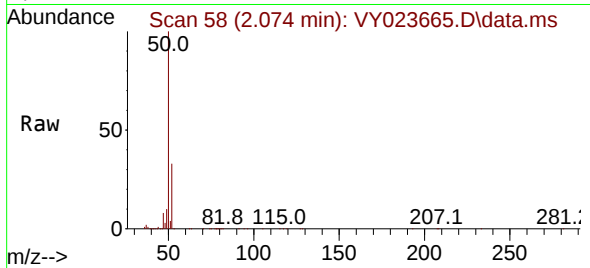




#3
Chloromethane
Concen: 92.348 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

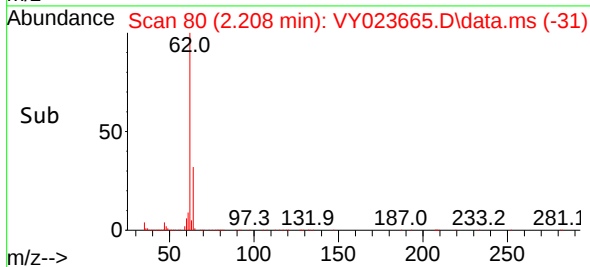
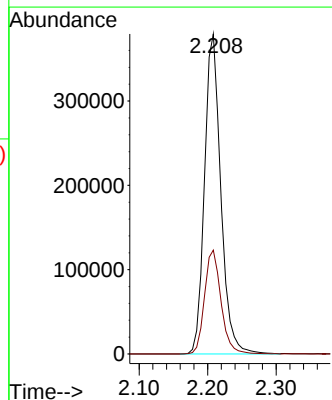
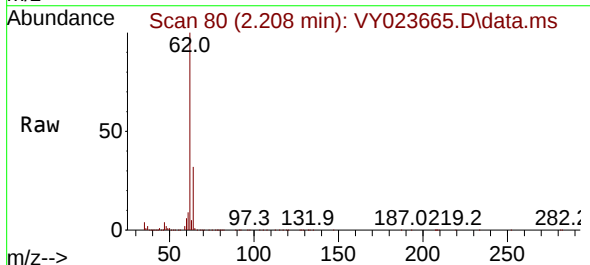
Instrument :
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ClientSampleId :
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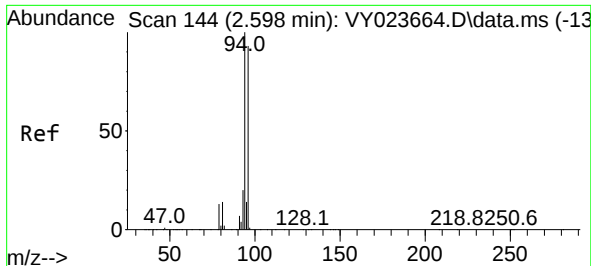
Tgt Ion: 50 Resp: 479848
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 93.106 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 62 Resp: 629525
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

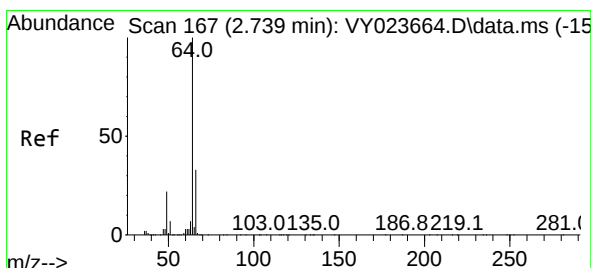
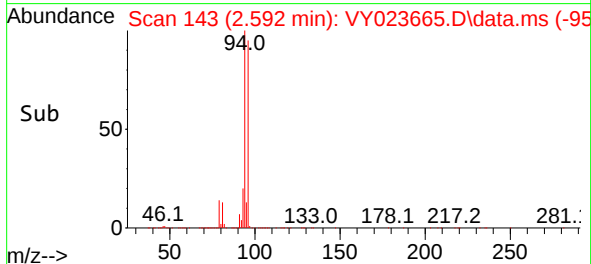
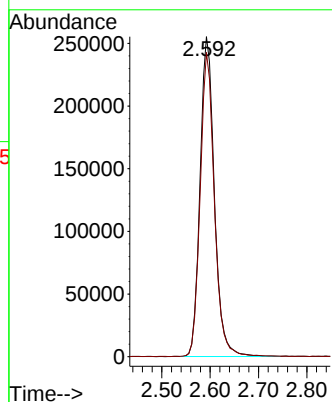
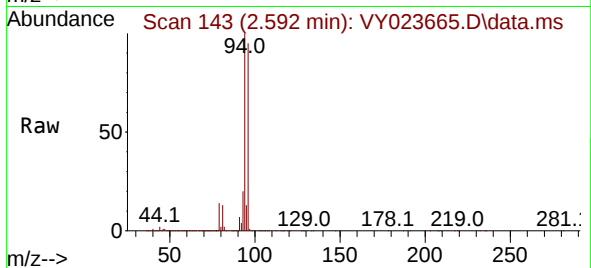




#5
Bromomethane
Concen: 92.319 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023665.D
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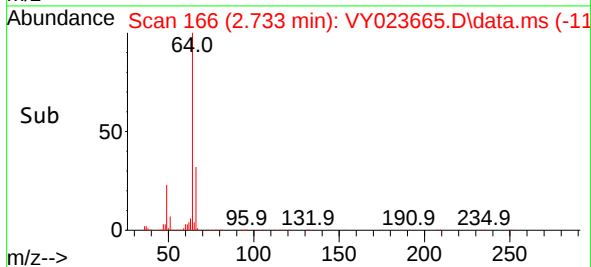
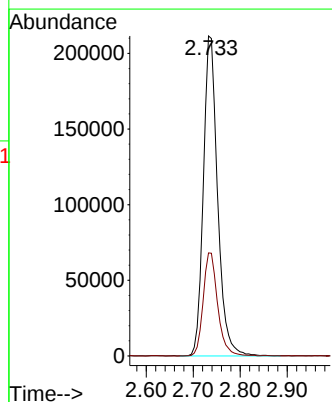
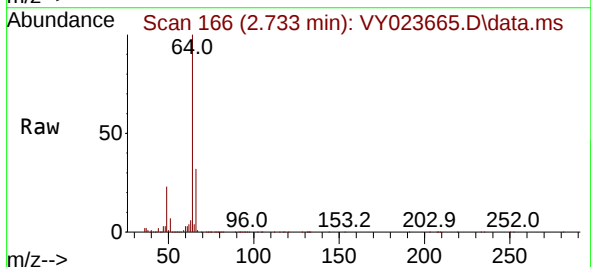
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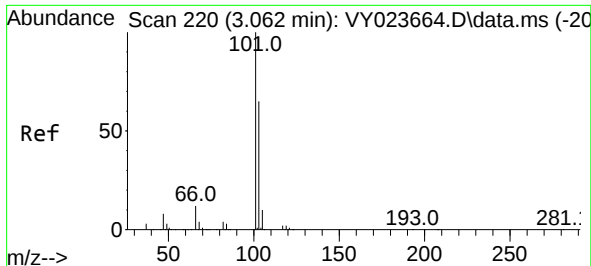
Tgt Ion: 94 Resp: 525066
Ion Ratio Lower Upper
94 100
96 95.0 74.4 111.6



#6
Chloroethane
Concen: 95.235 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 64 Resp: 445045
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

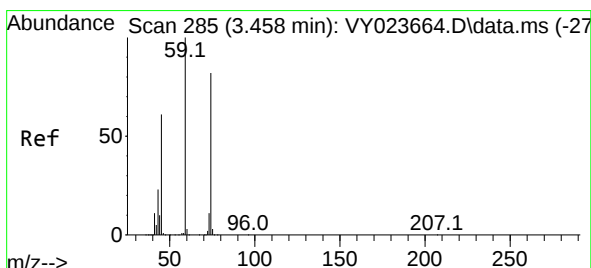
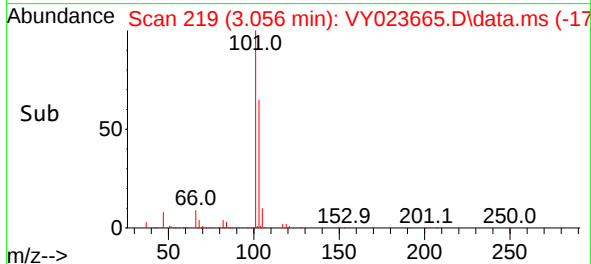
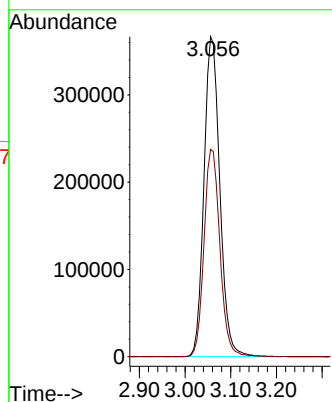
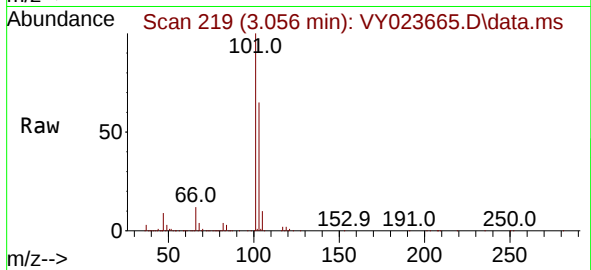




#7
 Trichlorofluoromethane
 Concen: 92.924 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY023665.D
 Acq: 04 Nov 2025 11:05

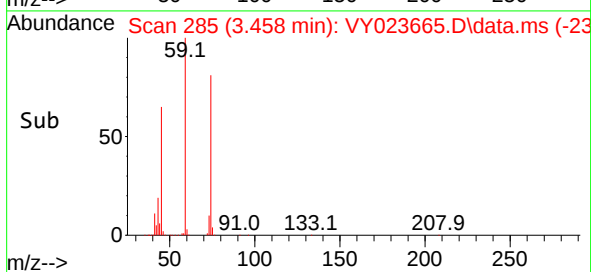
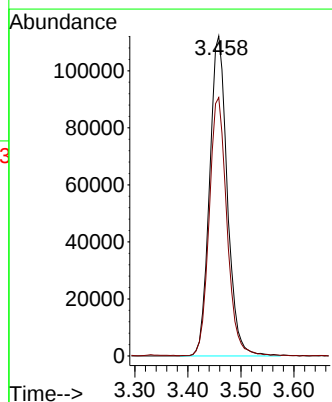
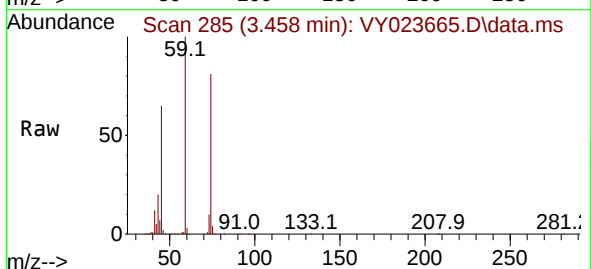
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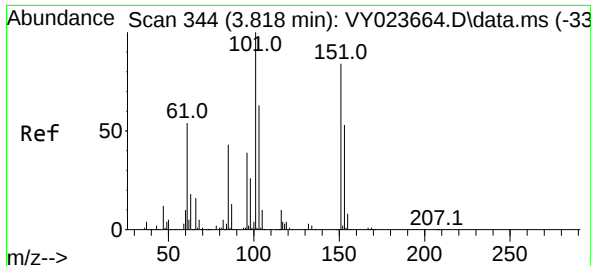
Tgt Ion:101 Resp: 884872
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.1 78.1



#8
 Diethyl Ether
 Concen: 102.064 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 260634
 Ion Ratio Lower Upper
 74 100
 45 80.7 40.6 121.7

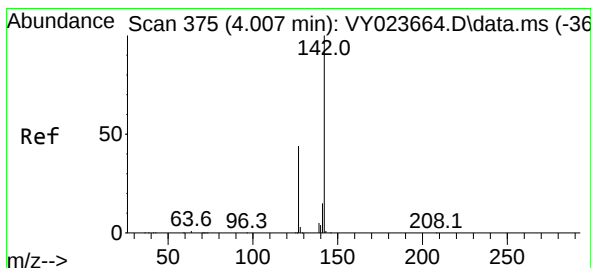
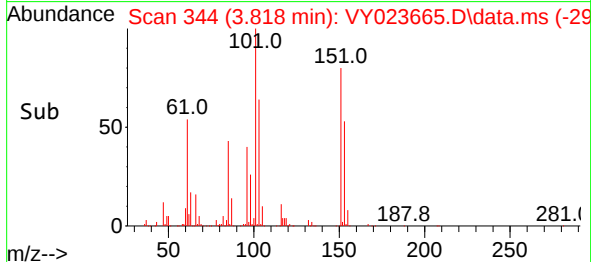
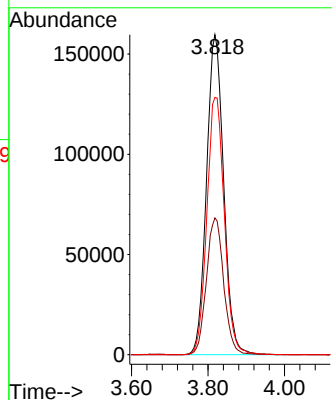
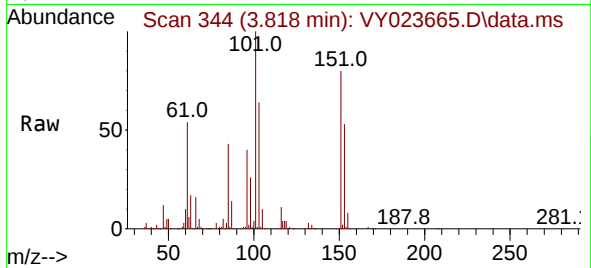




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.721 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

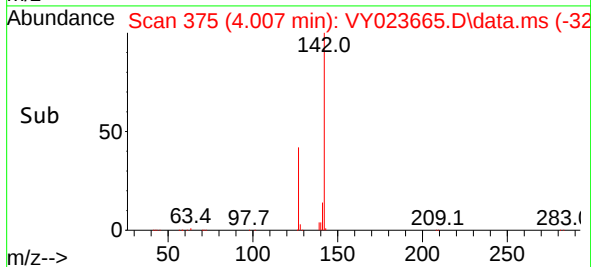
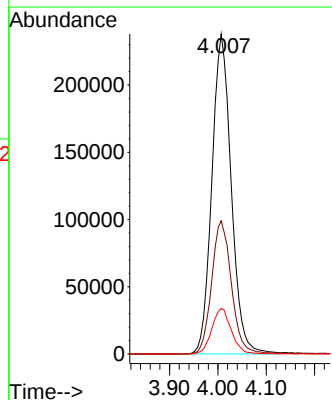
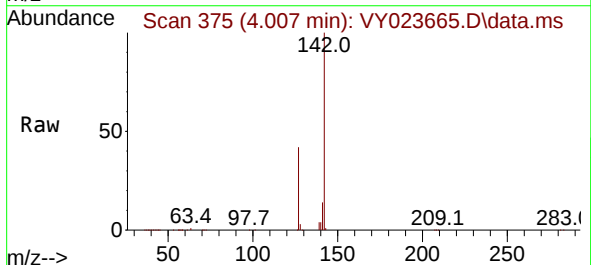
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

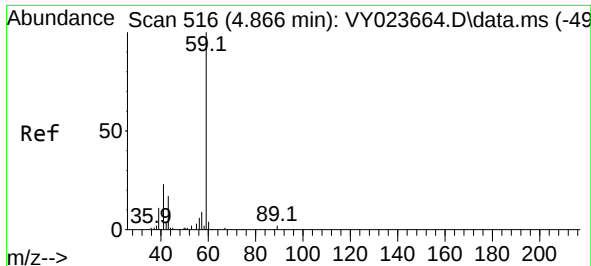
Tgt Ion:101 Resp: 496959
Ion Ratio Lower Upper
101 100
85 43.2 34.4 51.6
151 82.0 65.6 98.4



#10
Methyl Iodide
Concen: 106.741 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:142 Resp: 661306
Ion Ratio Lower Upper
142 100
127 42.6 34.6 51.8
141 14.3 11.6 17.4

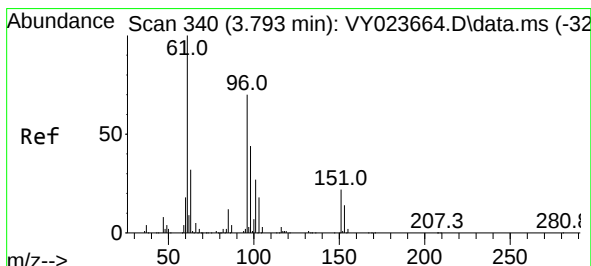
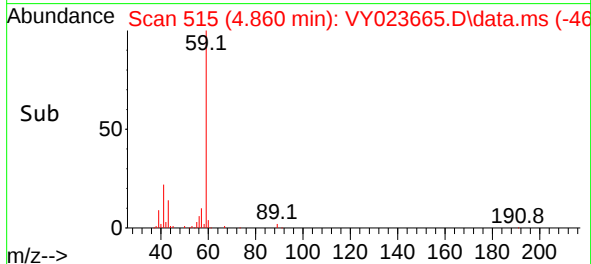
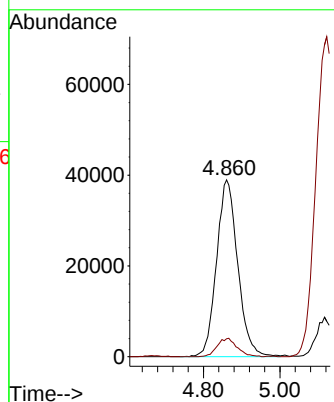
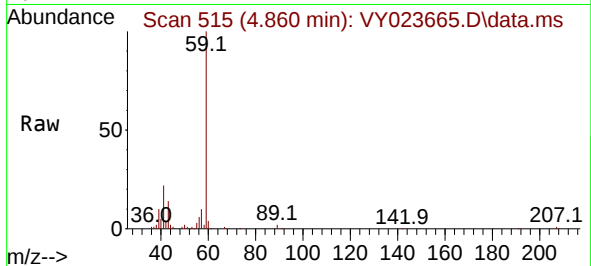




#11
Tert butyl alcohol
Concen: 481.121 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

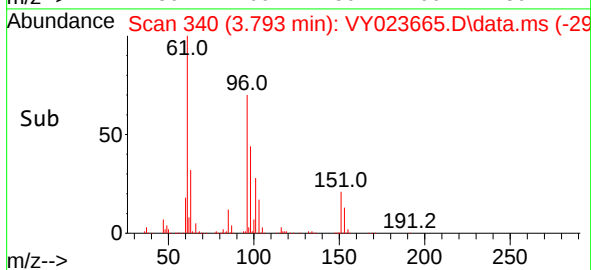
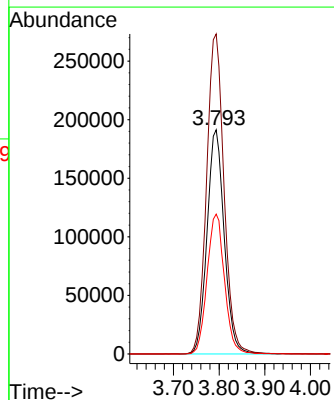
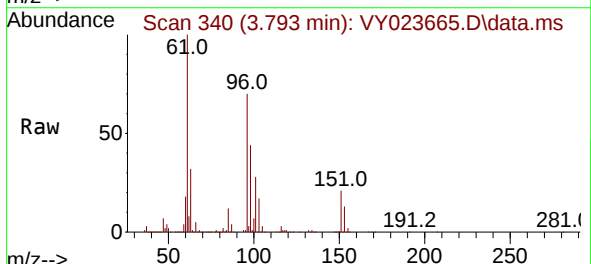
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

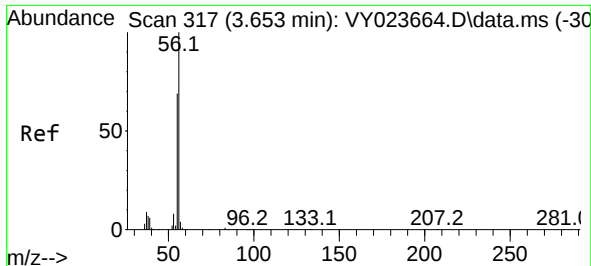
Tgt Ion: 59 Resp: 149691
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 98.802 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 96 Resp: 499345
Ion Ratio Lower Upper
96 100
61 142.8 114.0 171.0
98 62.4 50.2 75.2

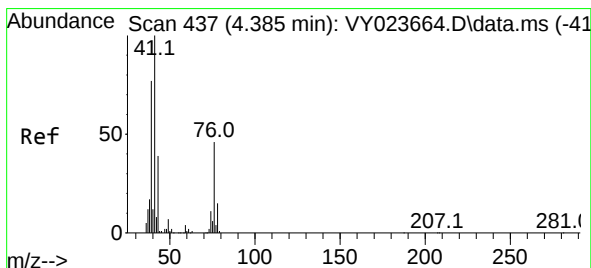
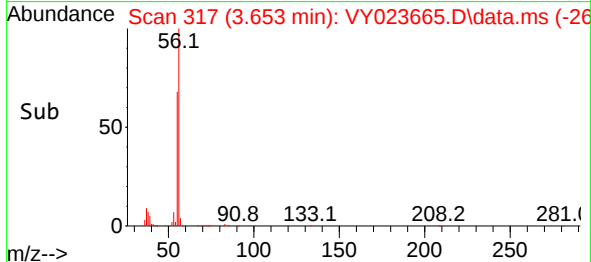
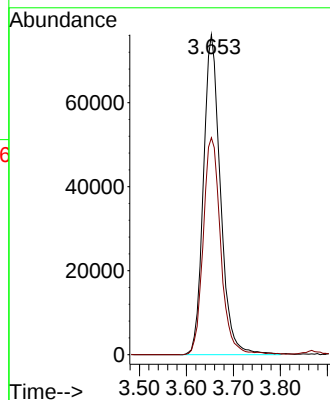
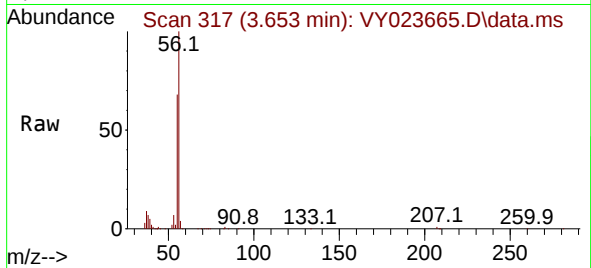




#13
Acrolein
Concen: 478.014 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

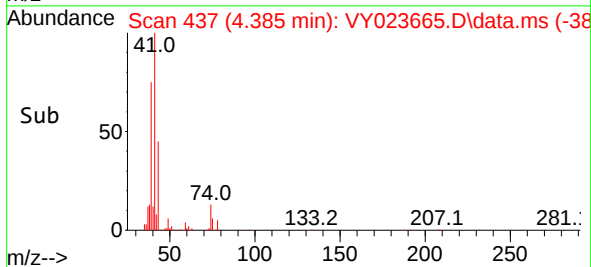
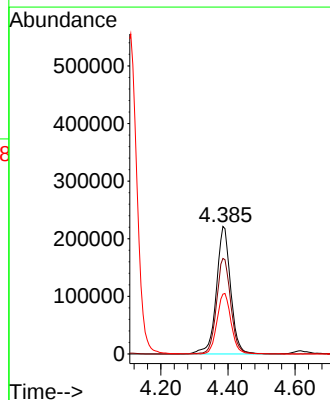
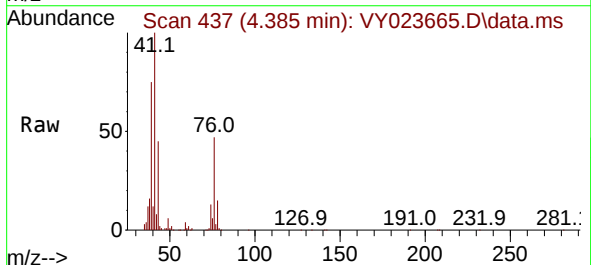
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

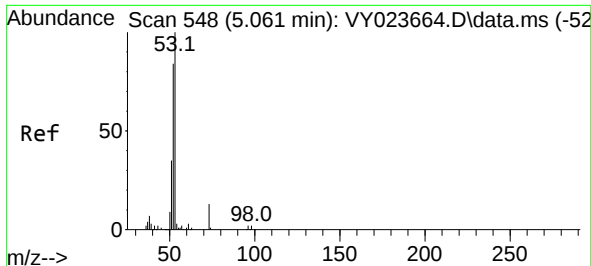
Tgt Ion: 56 Resp: 191158
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8



#14
Allyl chloride
Concen: 106.061 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 41 Resp: 652452
Ion Ratio Lower Upper
41 100
39 74.9 60.4 90.6
76 46.6 38.0 57.0

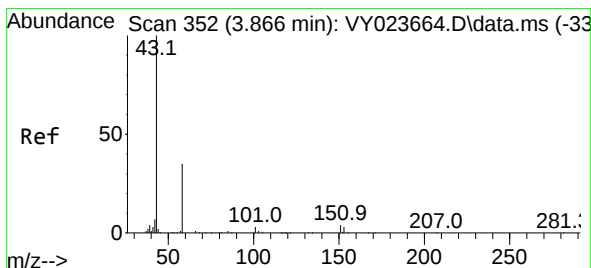
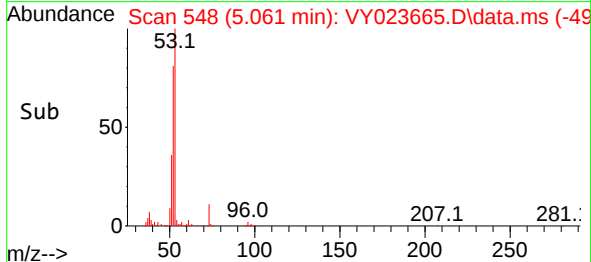
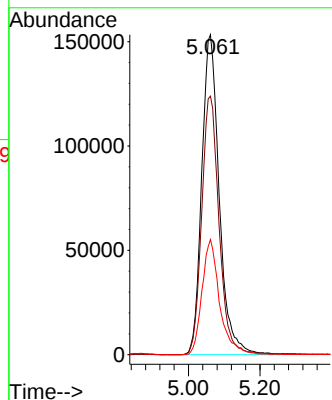
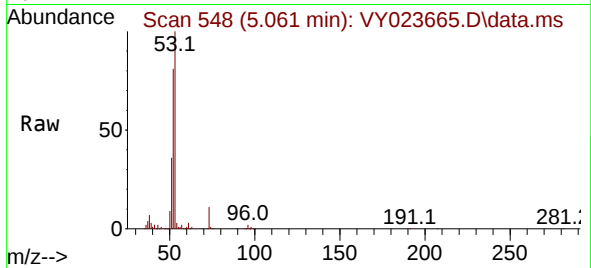




#15
Acrylonitrile
Concen: 533.895 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

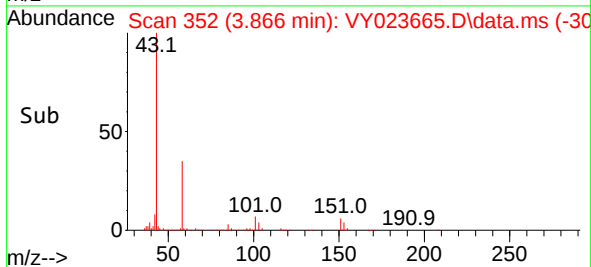
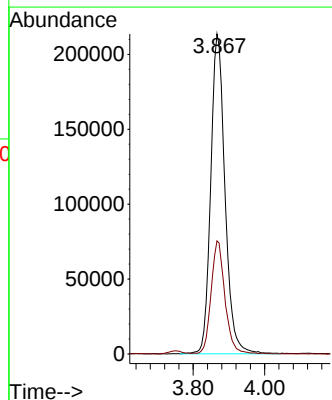
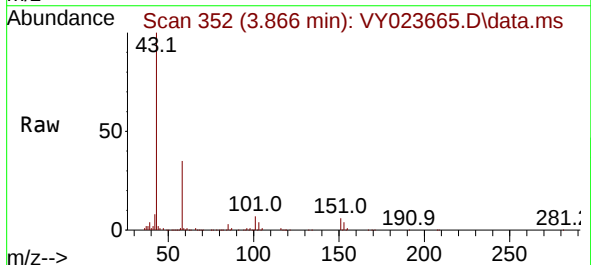
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

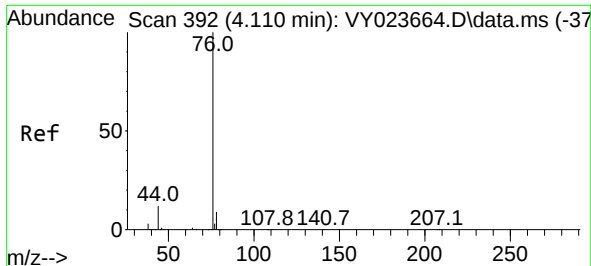
Tgt Ion: 53 Resp: 521023
Ion Ratio Lower Upper
53 100
52 80.3 64.9 97.3
51 36.4 29.4 44.0



#16
Acetone
Concen: 492.879 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 43 Resp: 591155
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4

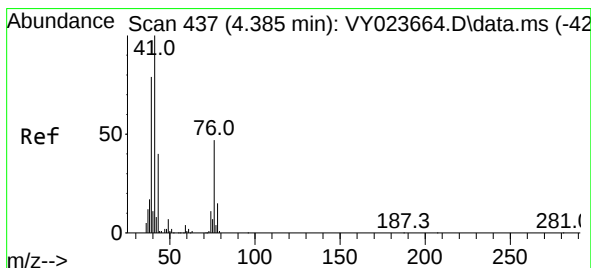
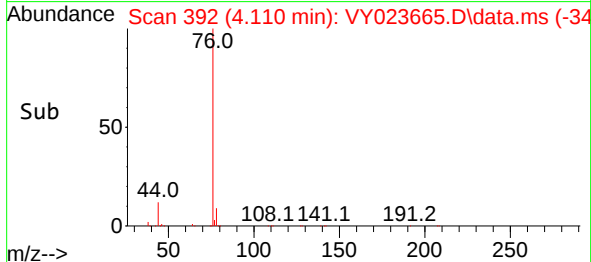
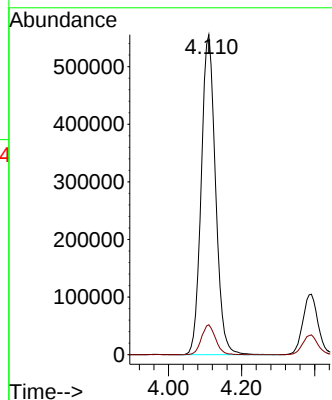
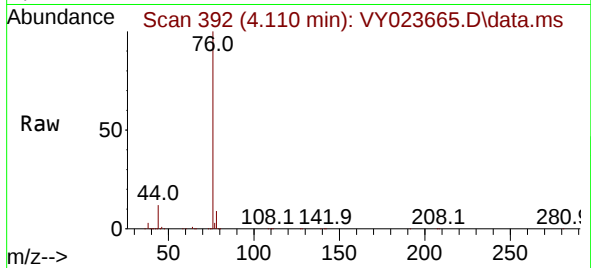




#17
Carbon Disulfide
Concen: 97.036 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

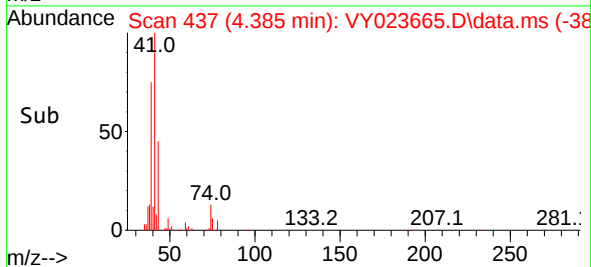
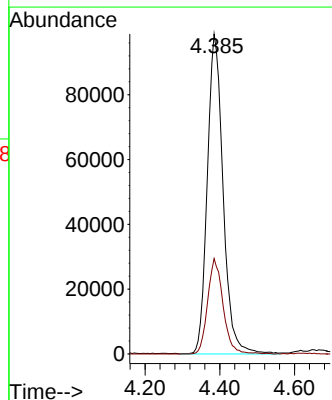
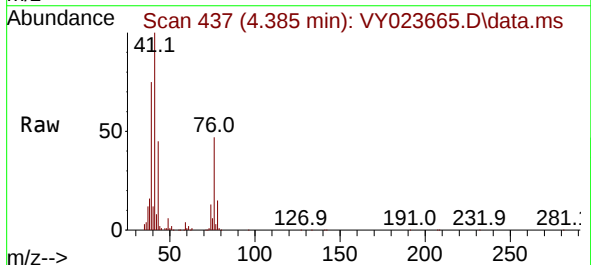
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 1505201
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 109.515 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 43 Resp: 289722
Ion Ratio Lower Upper
43 100
74 29.1 22.5 33.7

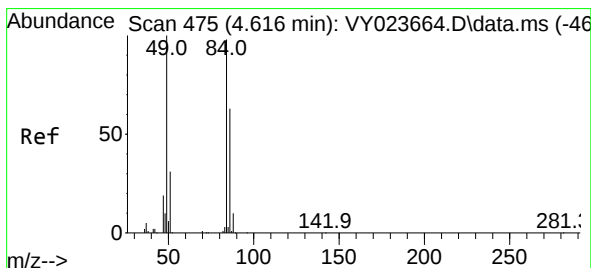
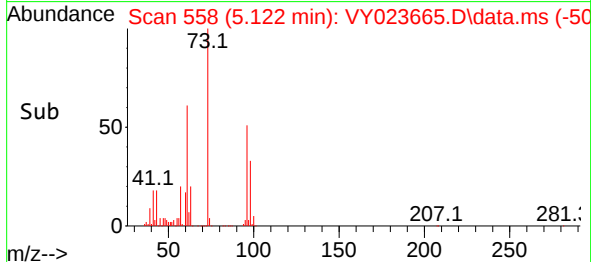
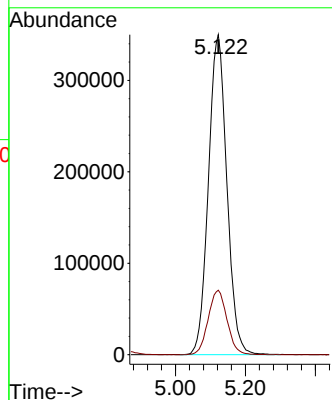
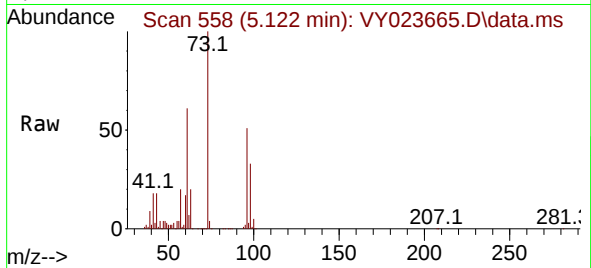




#19
Methyl tert-butyl Ether
Concen: 109.260 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

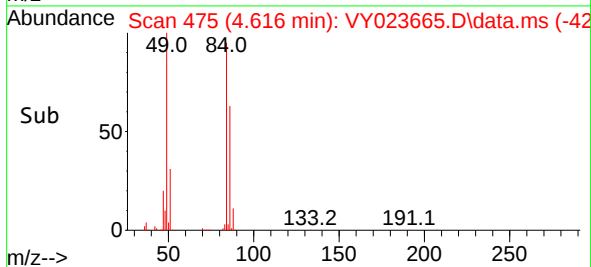
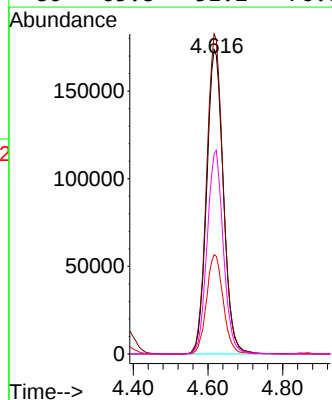
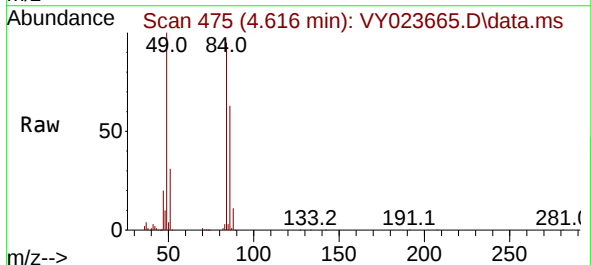
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

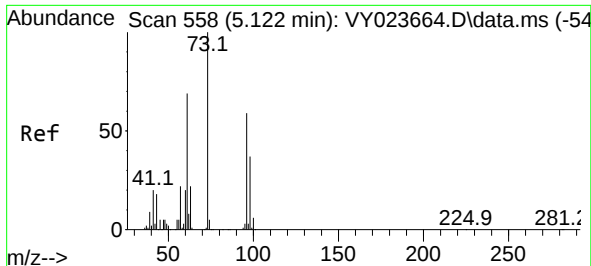
Tgt Ion: 73 Resp: 1280442
Ion Ratio Lower Upper
73 100
57 20.2 16.1 24.1



#20
Methylene Chloride
Concen: 92.927 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 84 Resp: 538051
Ion Ratio Lower Upper
84 100
49 105.2 81.5 122.3
51 32.6 25.5 38.3
86 65.8 51.2 76.8

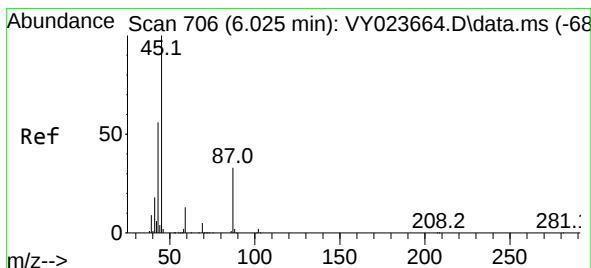
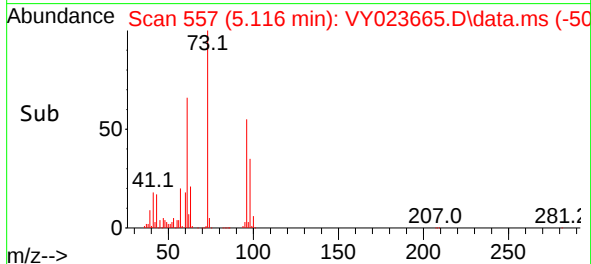
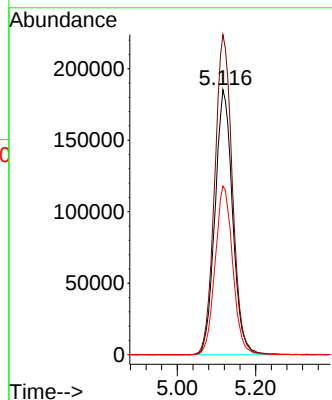
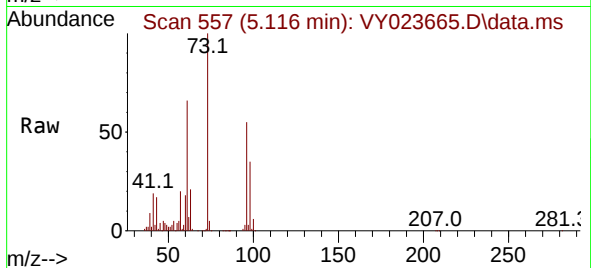




#21
trans-1,2-Dichloroethene
Concen: 101.211 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

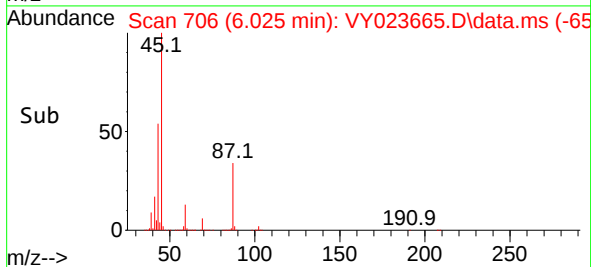
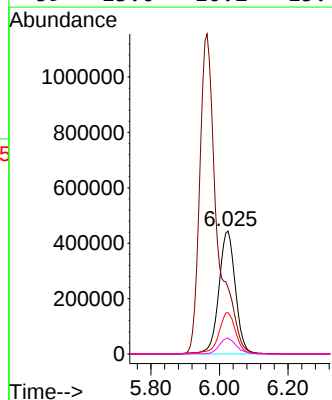
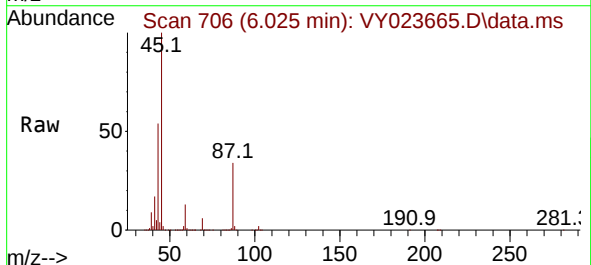
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

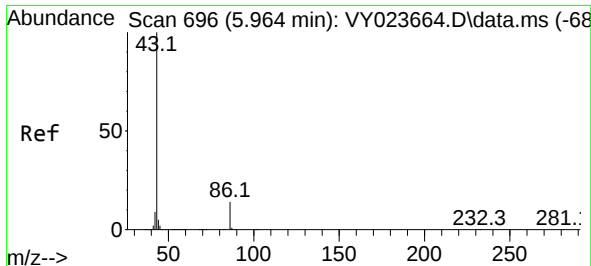
Tgt Ion: 96 Resp: 576752
Ion Ratio Lower Upper
96 100
61 120.8 93.3 139.9
98 63.6 50.6 75.8



#22
Diisopropyl ether
Concen: 107.734 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 45 Resp: 1476751
Ion Ratio Lower Upper
45 100
43 53.9 44.7 67.1
87 33.6 27.2 40.8
59 13.0 10.2 15.4

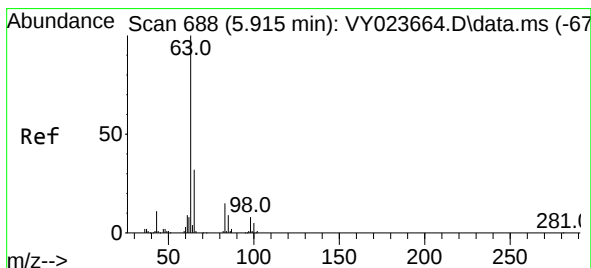
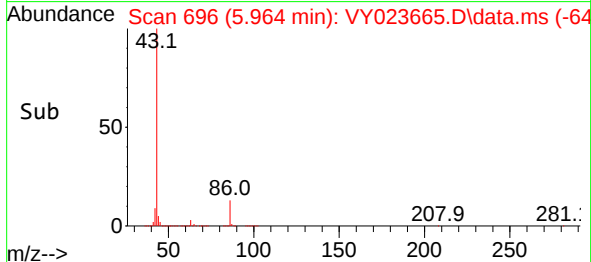
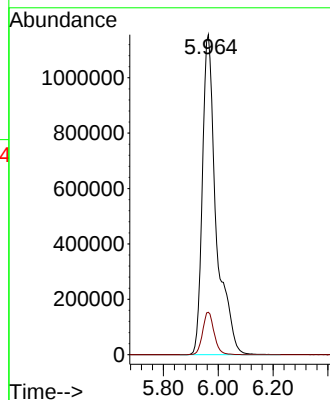
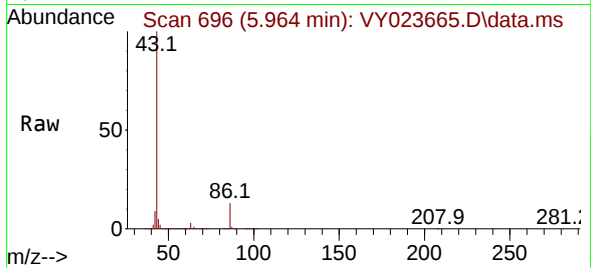




#23
 Vinyl Acetate
 Concen: 554.021 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023665.D
 Acq: 04 Nov 2025 11:05

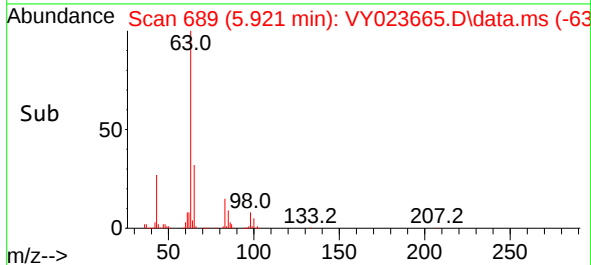
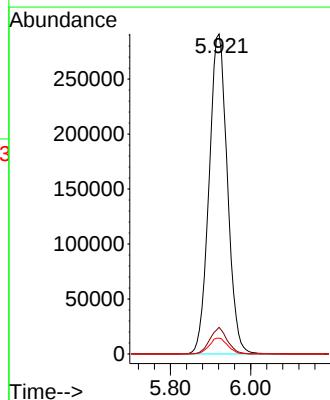
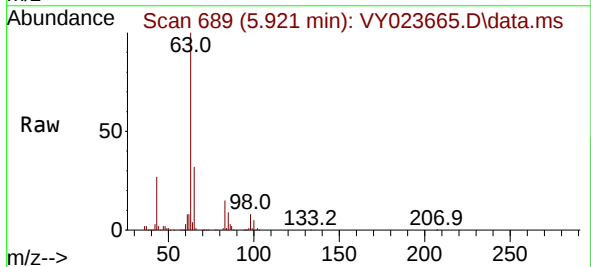
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 MSVOA_Y
 ClientSampleId :
 VSTDIC100

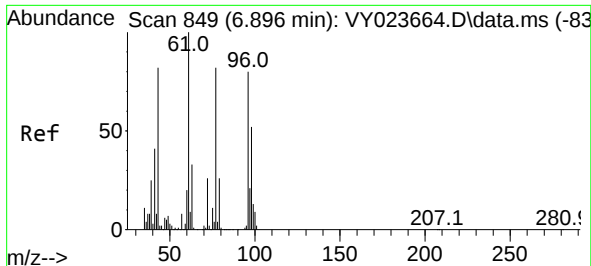
Tgt Ion: 43 Resp: 4052575
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 100.771 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023665.D
 Acq: 04 Nov 2025 11:05

Tgt Ion: 63 Resp: 920205
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 11.9
 100 5.0 2.6 7.8





#25

2-Butanone

Concen: 516.946 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

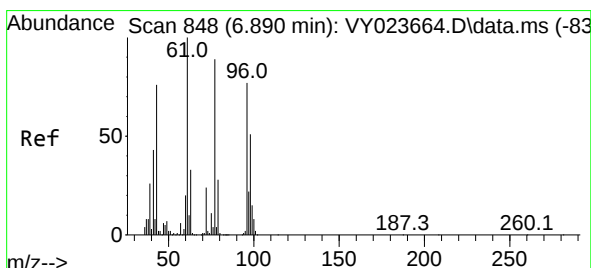
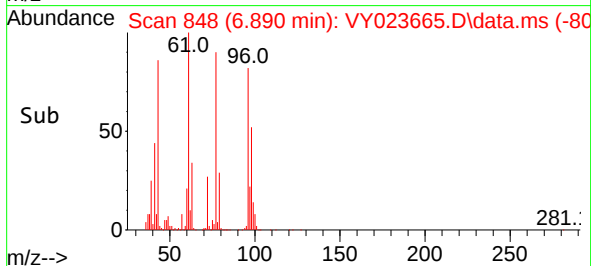
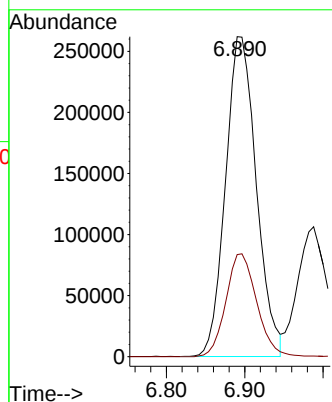
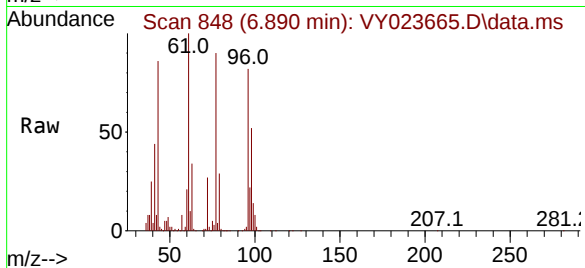
VSTDICC100

Tgt Ion: 43 Resp: 716857

Ion Ratio Lower Upper

43 100

72 31.9 25.7 38.5



#26

2,2-Dichloropropane

Concen: 99.545 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023665.D

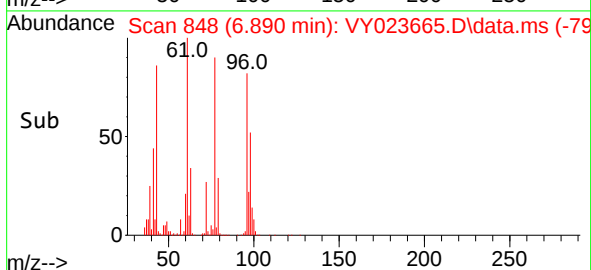
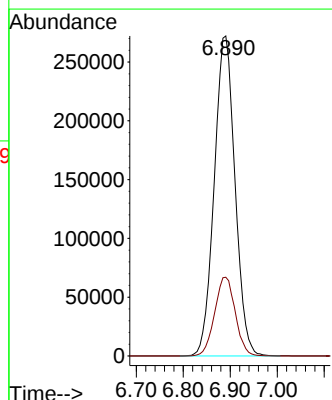
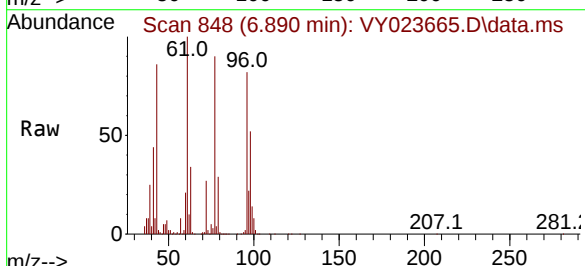
Acq: 04 Nov 2025 11:05

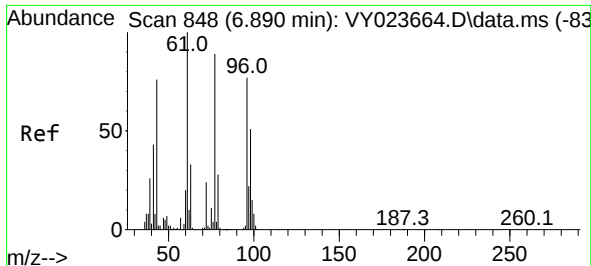
Tgt Ion: 77 Resp: 836165

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 104.123 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

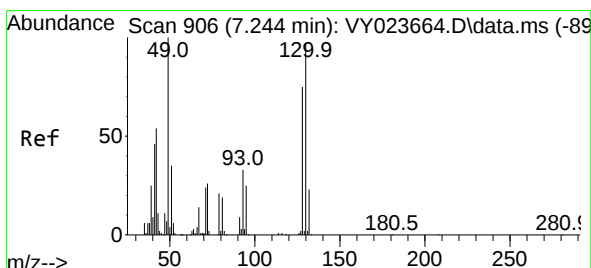
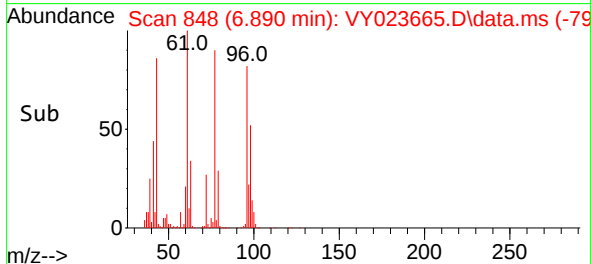
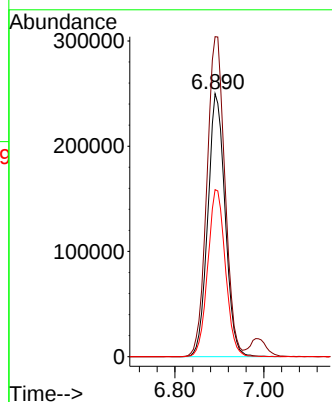
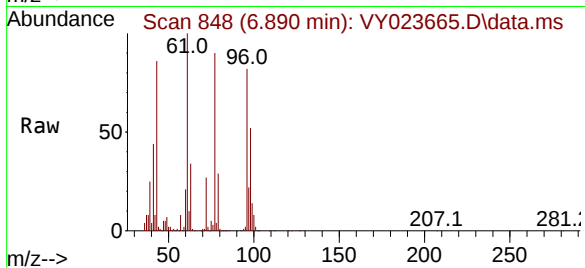
Tgt Ion: 96 Resp: 677651

Ion Ratio Lower Upper

96 100

61 127.0 0.0 255.0

98 64.7 0.0 129.8



#28

Bromochloromethane

Concen: 100.569 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

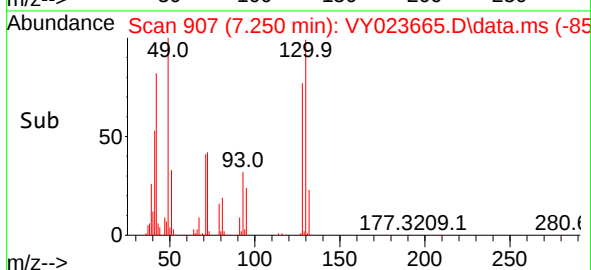
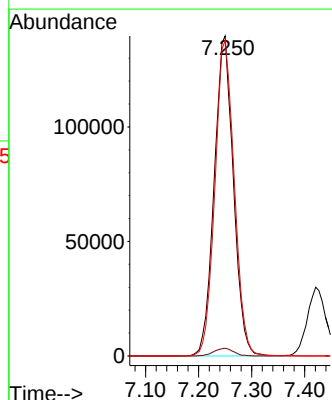
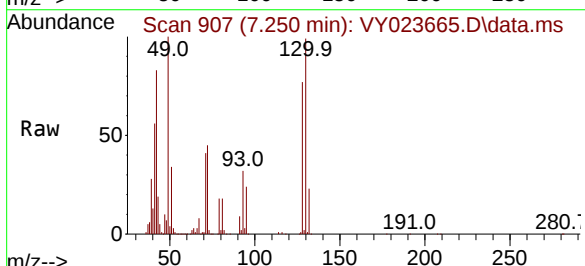
Tgt Ion: 49 Resp: 351637

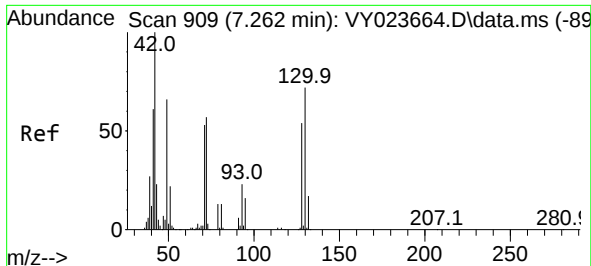
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 99.3 80.1 120.1





#29

Tetrahydrofuran

Concen: 551.338 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

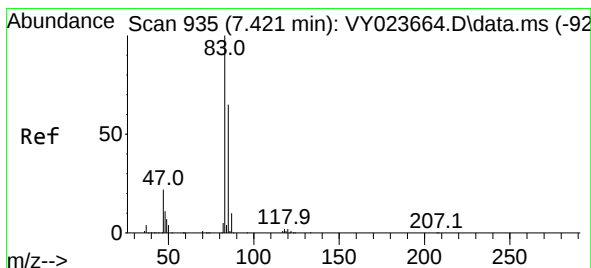
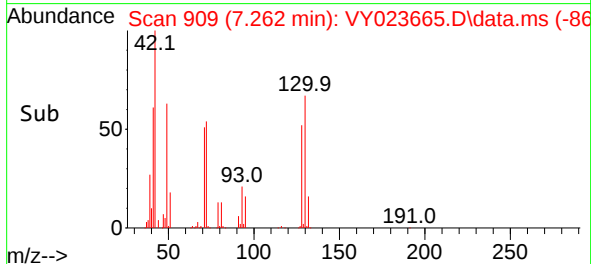
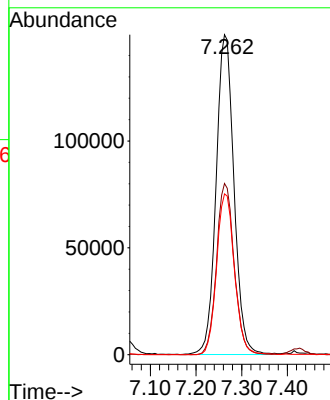
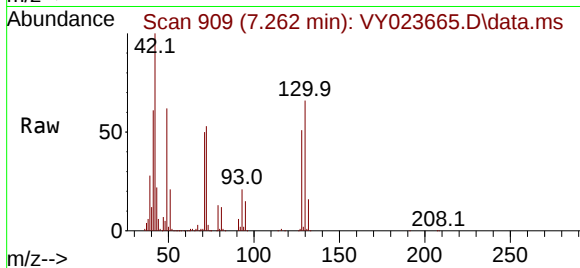
Tgt Ion: 42 Resp: 407174

Ion Ratio Lower Upper

42 100

72 52.9 43.4 65.2

71 50.1 40.7 61.1



#30

Chloroform

Concen: 99.668 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023665.D

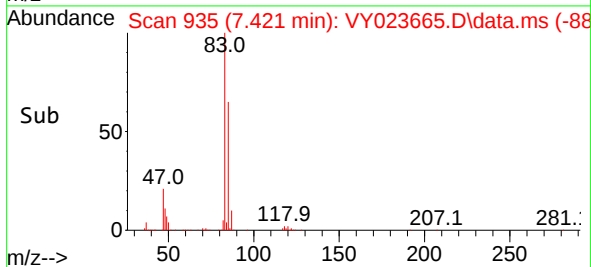
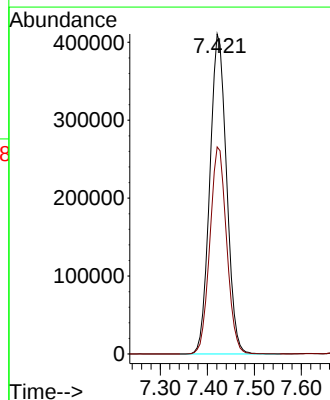
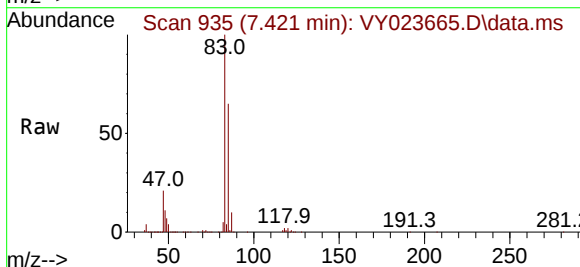
Acq: 04 Nov 2025 11:05

Tgt Ion: 83 Resp: 1015475

Ion Ratio Lower Upper

83 100

85 64.7 52.1 78.1

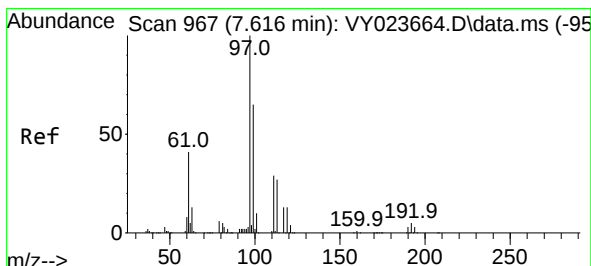
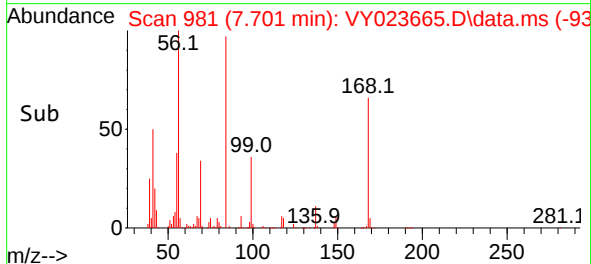
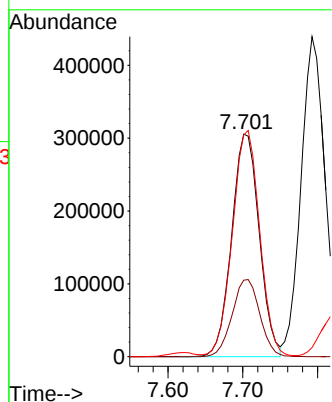
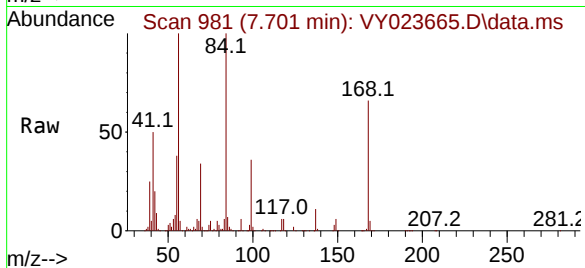




#31
Cyclohexane
Concen: 98.820 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

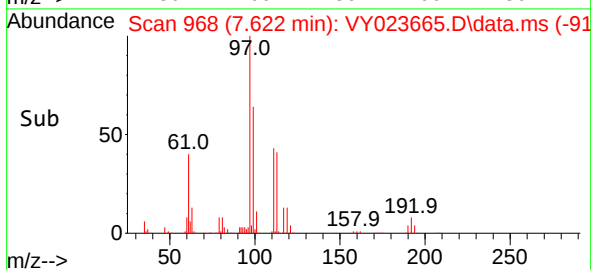
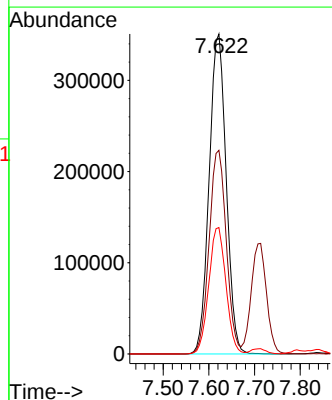
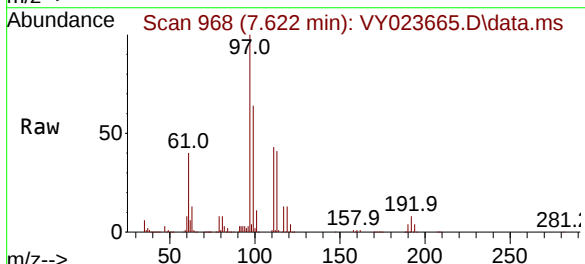
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

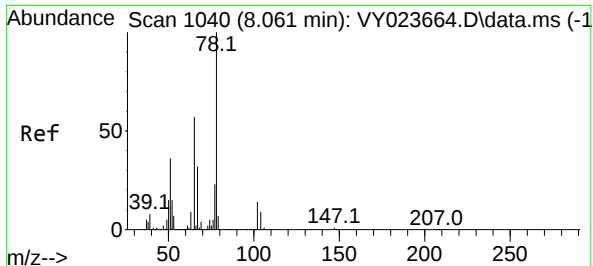
Tgt Ion: 56 Resp: 785863
Ion Ratio Lower Upper
56 100
69 34.4 30.5 45.7
84 97.8 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 99.760 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 97 Resp: 908433
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 39.8 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 99.661 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

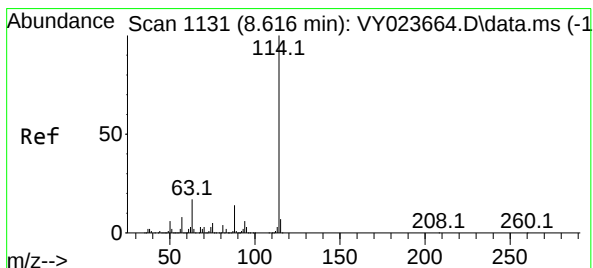
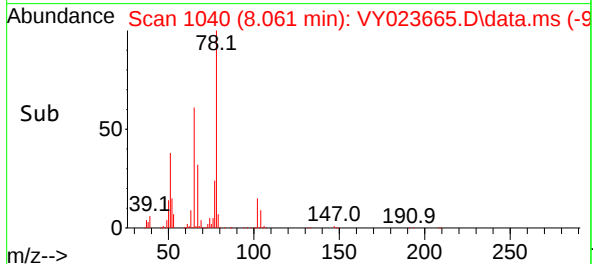
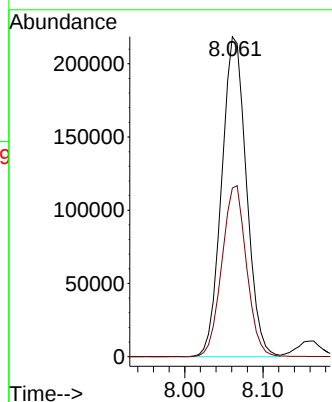
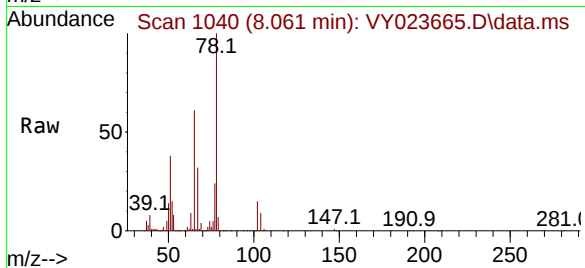
VSTDICC100

Tgt Ion: 65 Resp: 480881

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

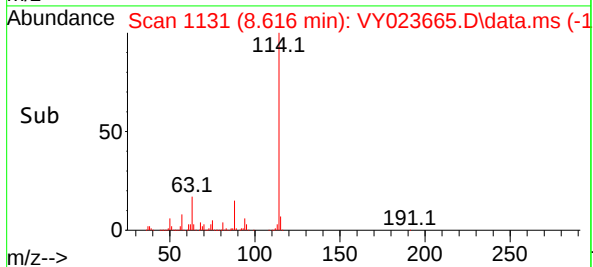
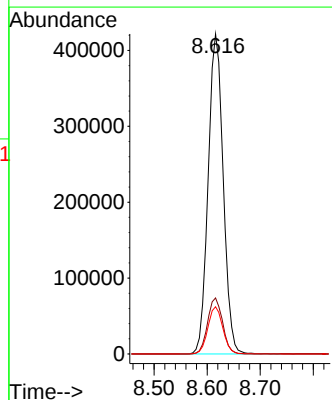
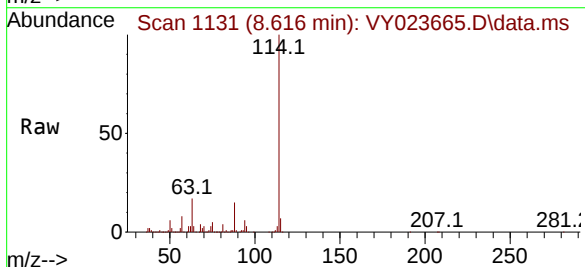
Tgt Ion: 114 Resp: 831963

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.8 0.0 29.0

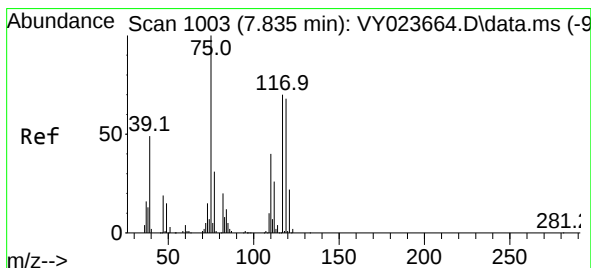
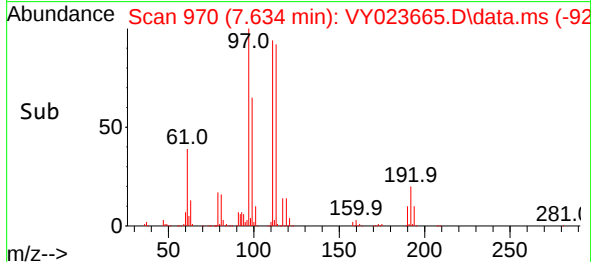
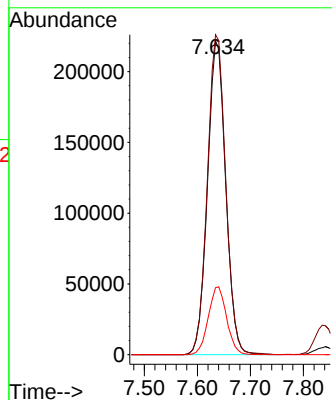
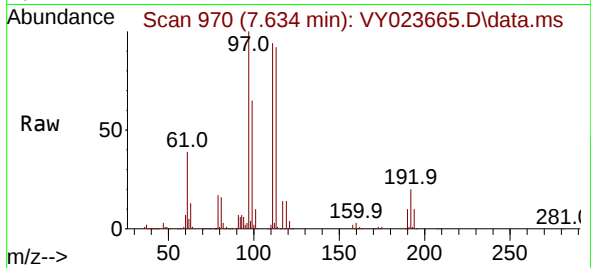




#35
Dibromofluoromethane
Concen: 101.812 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

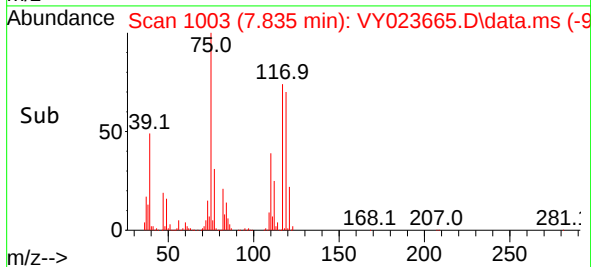
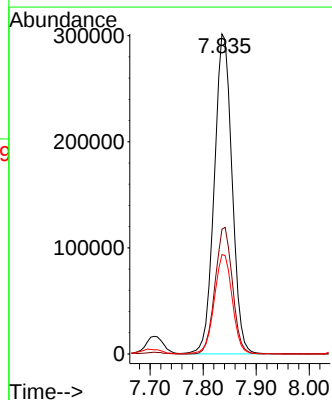
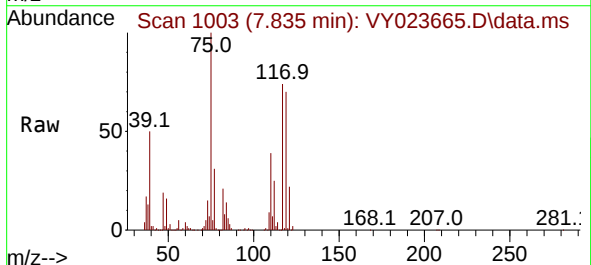
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:113 Resp: 529343
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.7 17.3 25.9



#36
1,1-Dichloropropene
Concen: 101.168 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 75 Resp: 702866
Ion Ratio Lower Upper
75 100
110 38.8 19.7 59.0
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 106.984 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

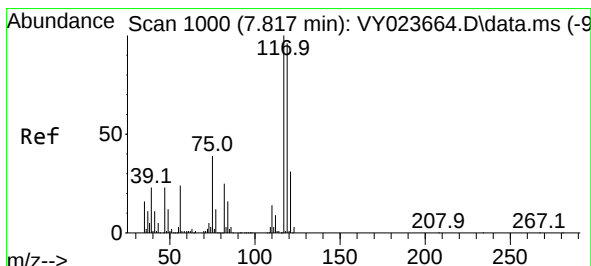
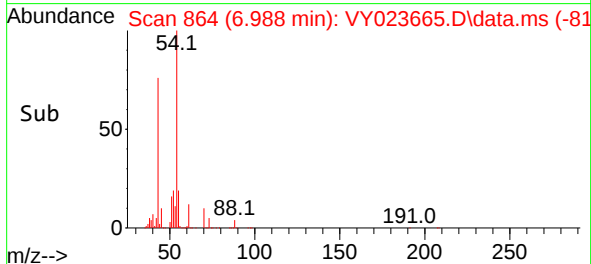
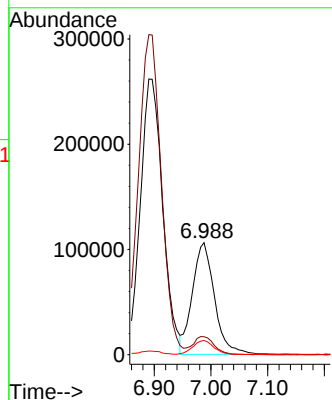
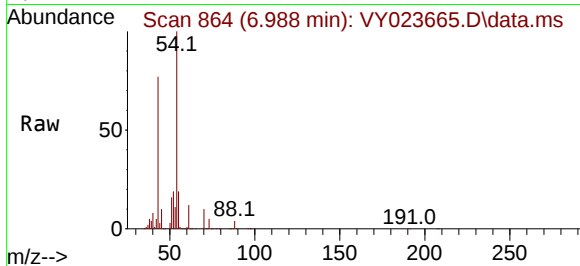
Tgt Ion: 43 Resp: 287737

Ion Ratio Lower Upper

43 100

61 15.2 12.4 18.6

70 12.1 9.8 14.8



#38

Carbon Tetrachloride

Concen: 100.329 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

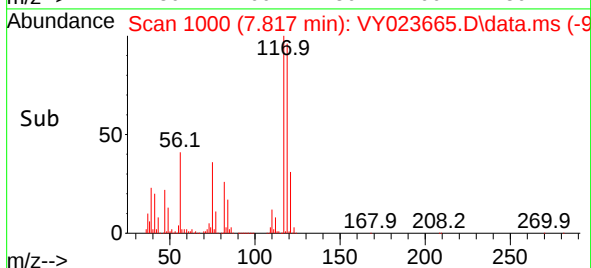
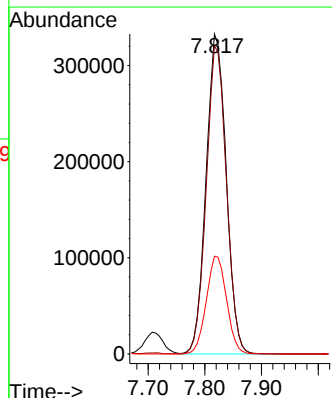
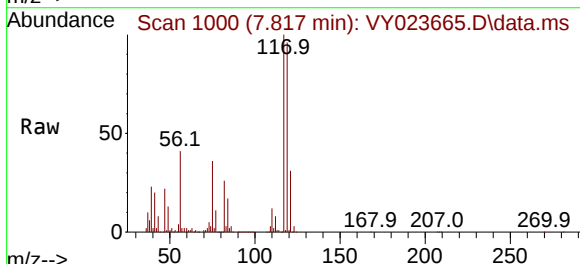
Tgt Ion: 117 Resp: 821264

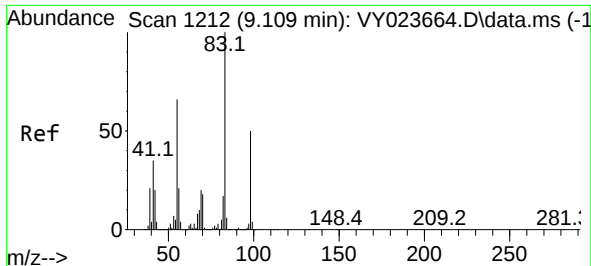
Ion Ratio Lower Upper

117 100

119 96.2 76.3 114.5

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 106.639 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

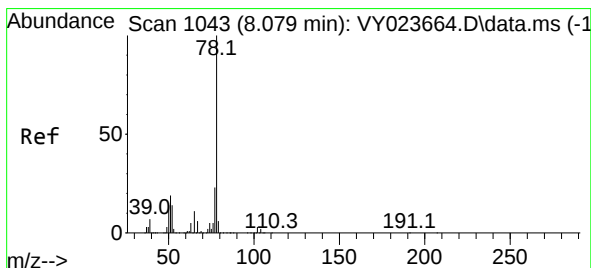
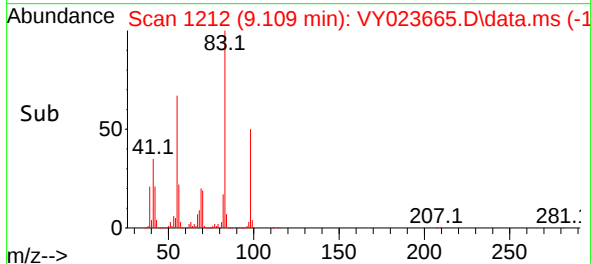
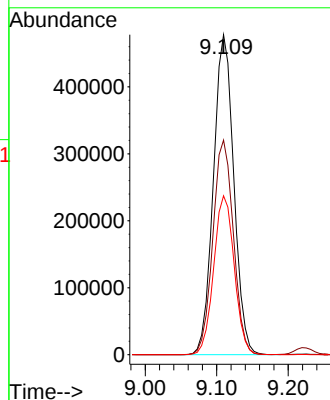
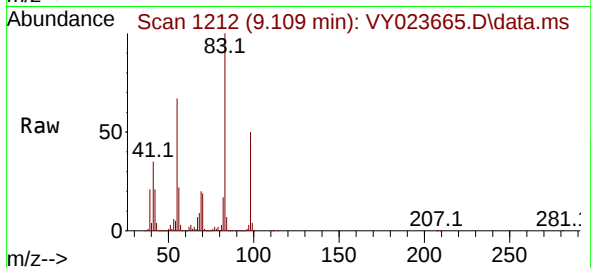
Tgt Ion: 83 Resp: 946648

Ion Ratio Lower Upper

83 100

55 67.1 52.6 78.8

98 49.7 39.7 59.5



#40

Benzene

Concen: 102.208 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023665.D

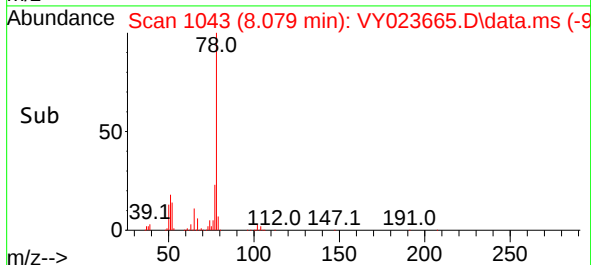
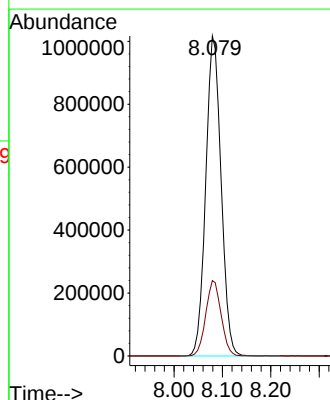
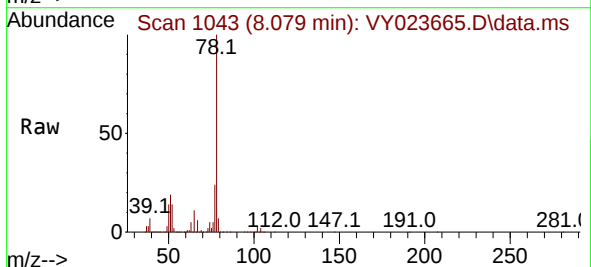
Acq: 04 Nov 2025 11:05

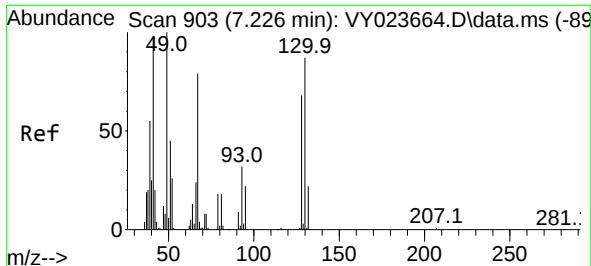
Tgt Ion: 78 Resp: 2238265

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

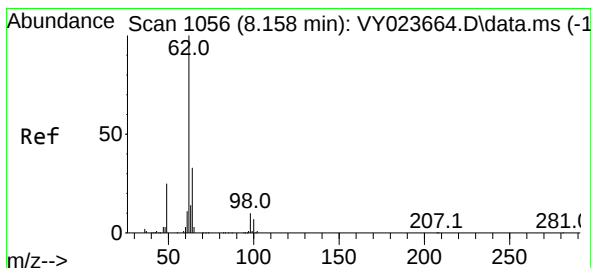
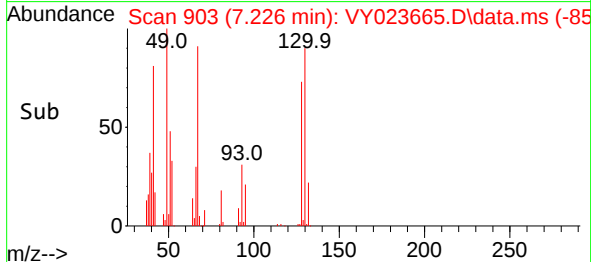
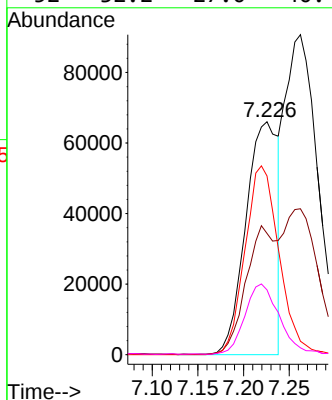
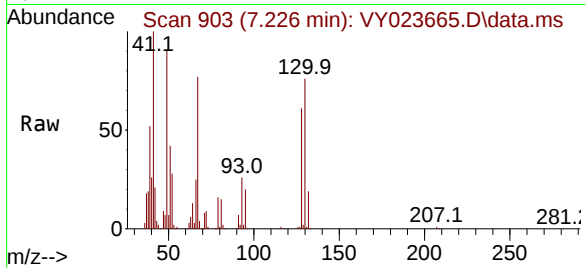




#41
Methacrylonitrile
Concen: 113.249 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

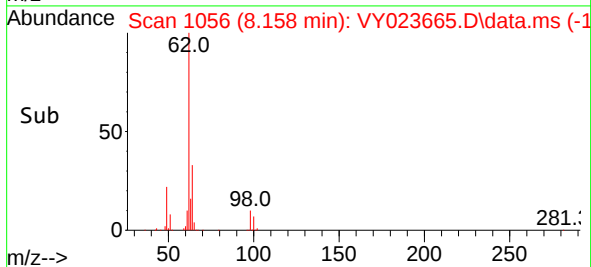
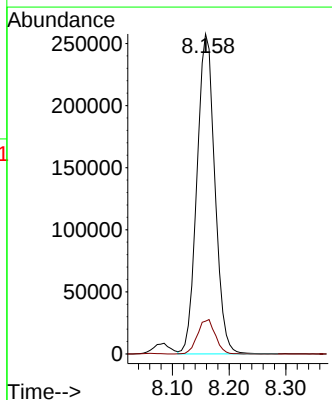
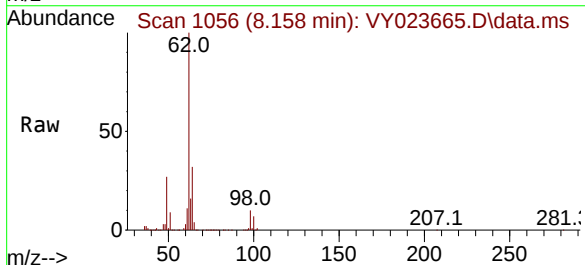
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

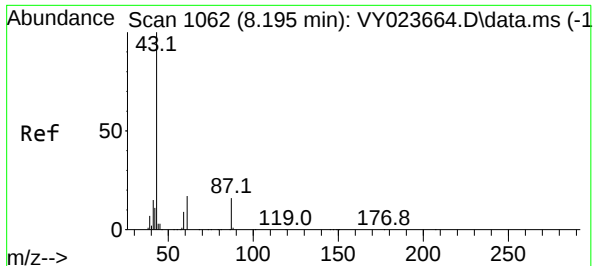
Tgt Ion: 41 Resp: 162465
Ion Ratio Lower Upper
41 100
39 45.7 38.6 57.8
67 86.1 71.3 106.9
52 32.2 27.0 40.4



#42
1,2-Dichloroethane
Concen: 101.924 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 62 Resp: 564693
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0

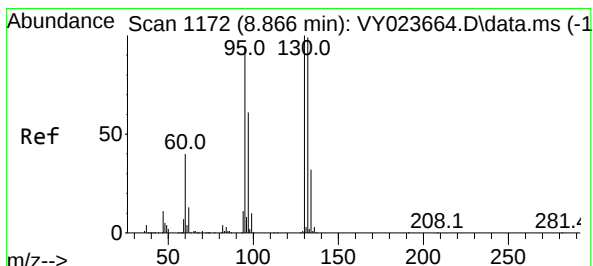
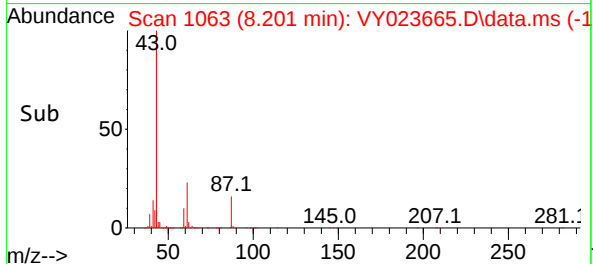
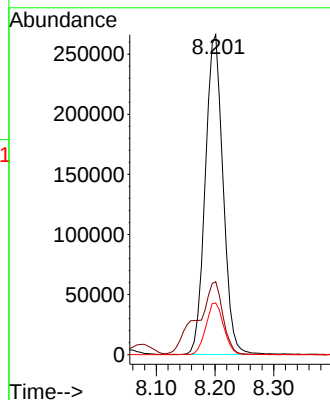
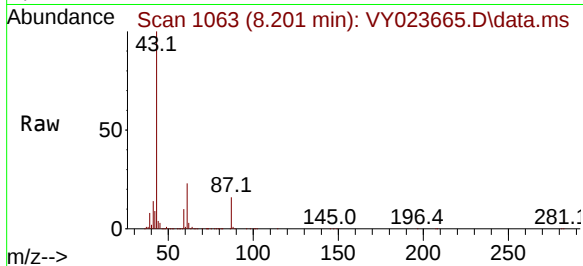




#43
Isopropyl Acetate
Concen: 110.678 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

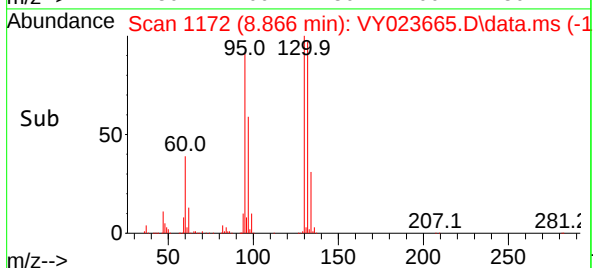
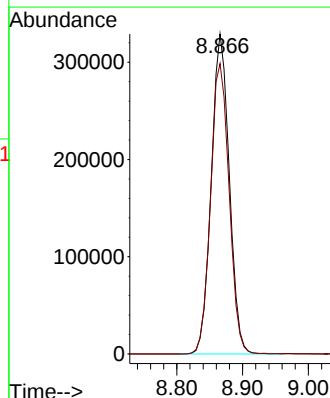
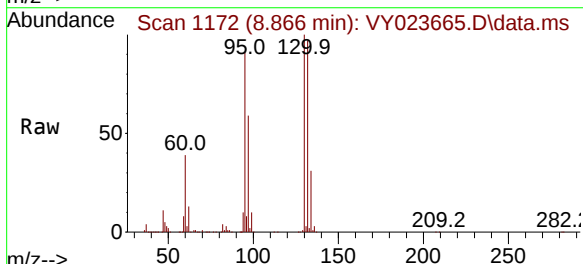
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

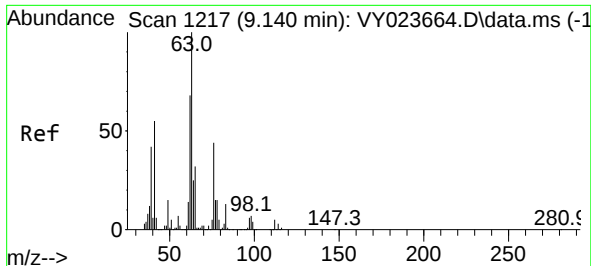
Tgt Ion: 43 Resp: 559293
Ion Ratio Lower Upper
43 100
61 33.2 18.2 27.2#
87 16.4 13.3 19.9



#44
Trichloroethene
Concen: 99.676 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:130 Resp: 626949
Ion Ratio Lower Upper
130 100
95 90.7 0.0 187.0

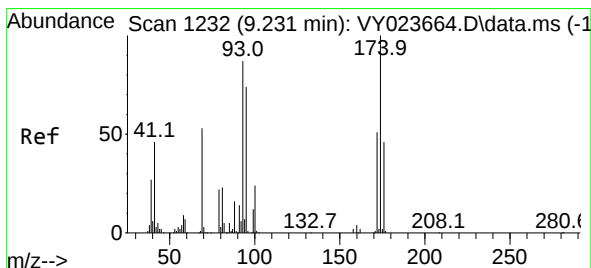
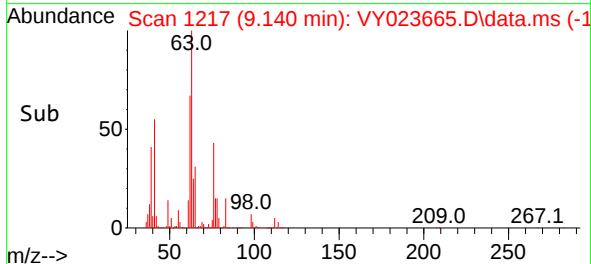
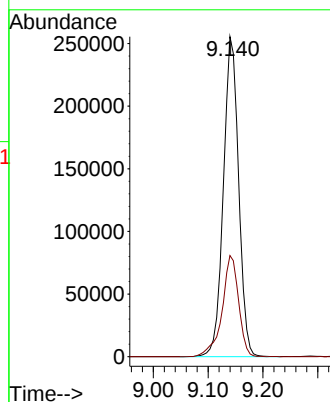
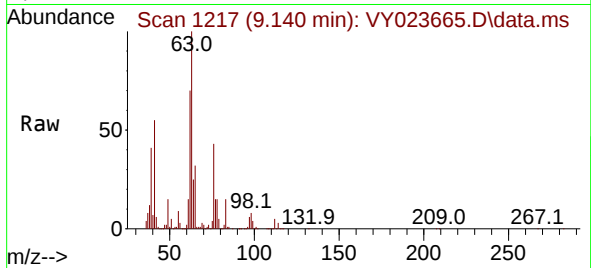




#45
1,2-Dichloropropane
Concen: 102.300 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

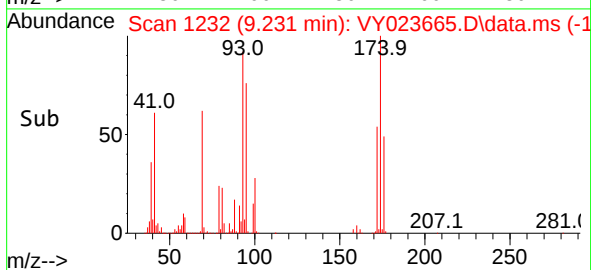
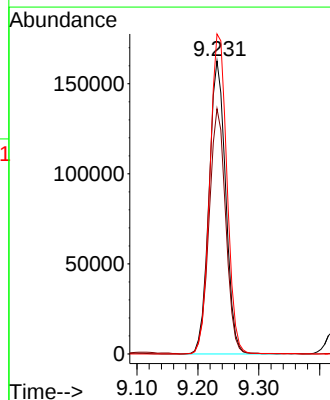
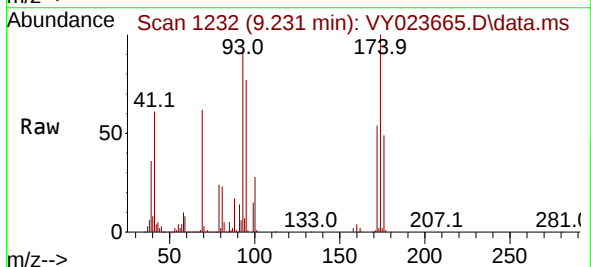
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

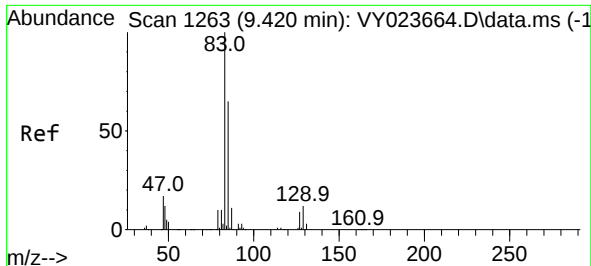
Tgt Ion: 63 Resp: 494430
Ion Ratio Lower Upper
63 100
65 31.6 25.6 38.4



#46
Dibromomethane
Concen: 103.001 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 93 Resp: 308450
Ion Ratio Lower Upper
93 100
95 83.5 67.4 101.2
174 112.1 89.4 134.0

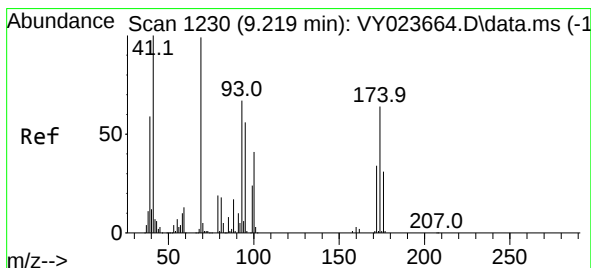
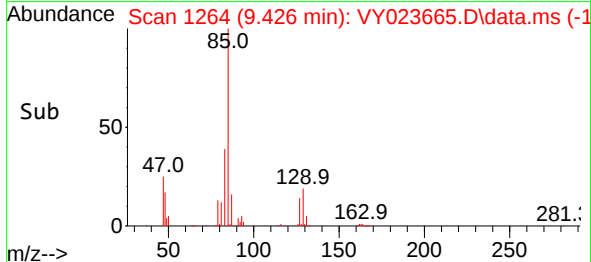
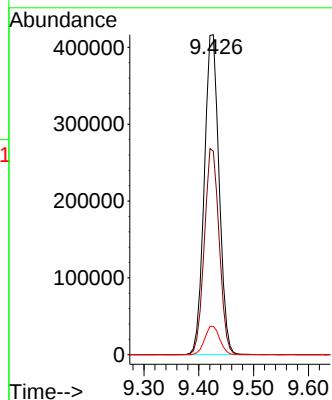
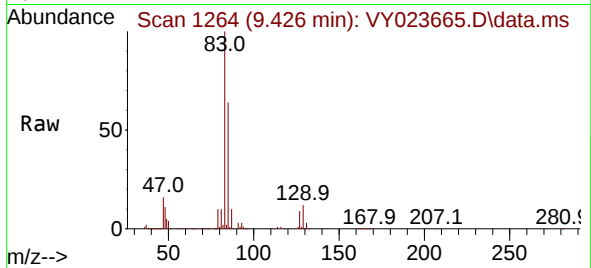




#47
Bromodichloromethane
Concen: 103.338 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

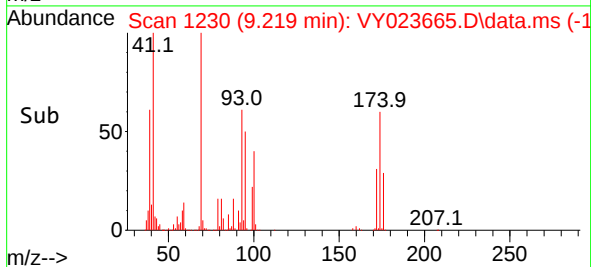
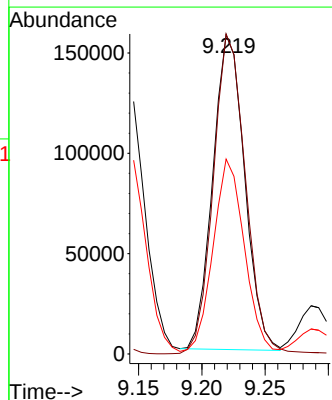
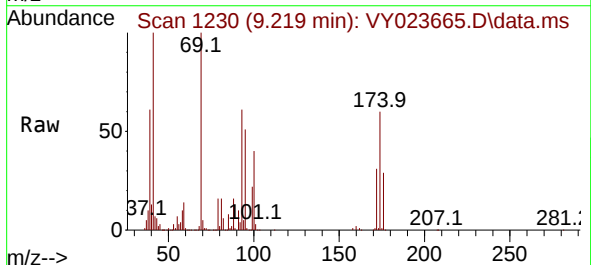
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

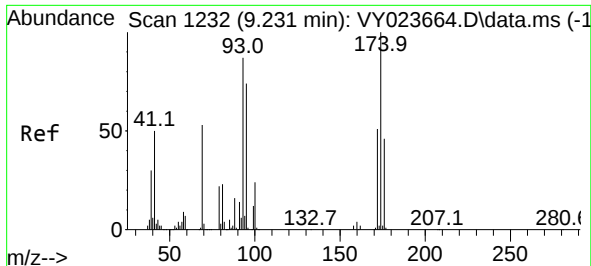
Tgt Ion: 83 Resp: 780217
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 8.9 7.5 11.3



#48
Methyl methacrylate
Concen: 114.688 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 41 Resp: 273819
Ion Ratio Lower Upper
41 100
69 103.1 80.2 120.2
39 59.9 47.4 71.0





#49

1,4-Dioxane

Concen: 2162.837 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

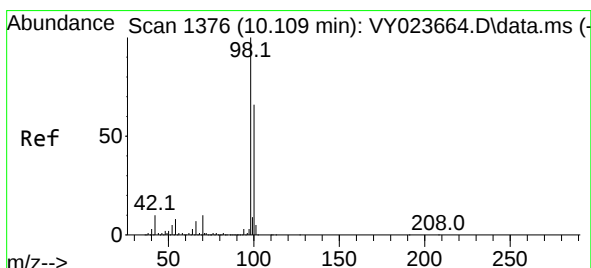
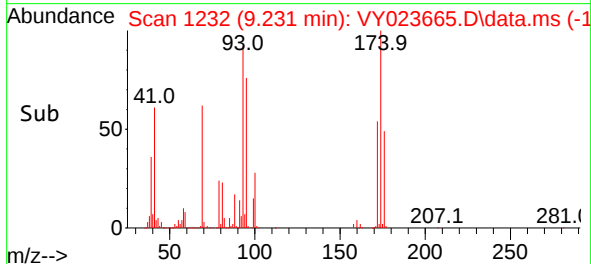
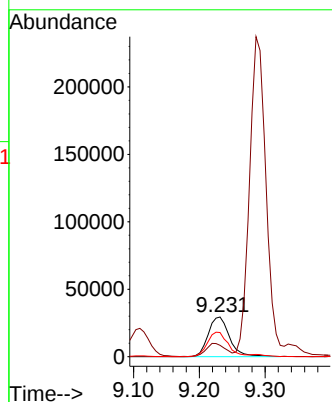
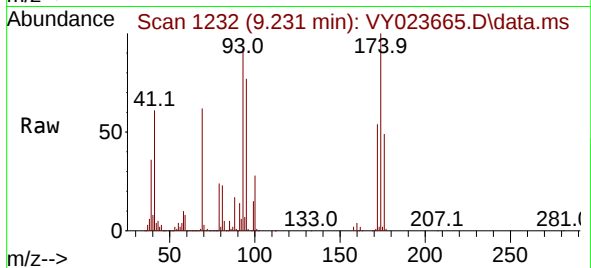
Tgt Ion: 88 Resp: 66284

Ion Ratio Lower Upper

88 100

43 29.9 22.0 33.0

58 60.3 47.8 71.8



#50

Toluene-d8

Concen: 105.160 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023665.D

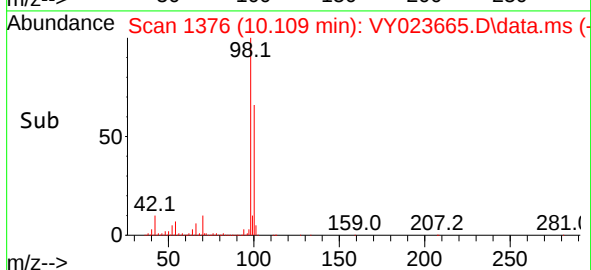
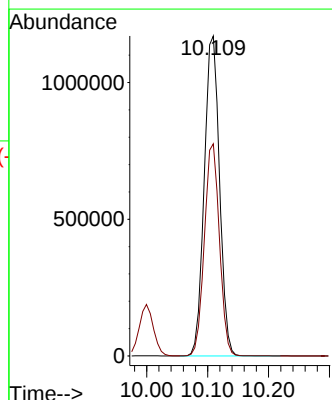
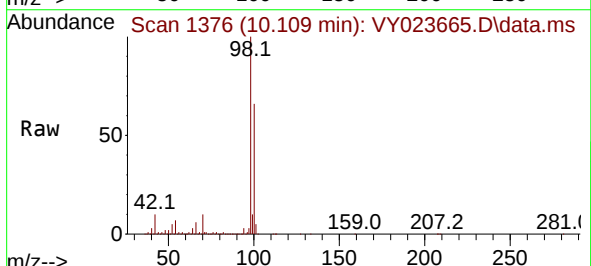
Acq: 04 Nov 2025 11:05

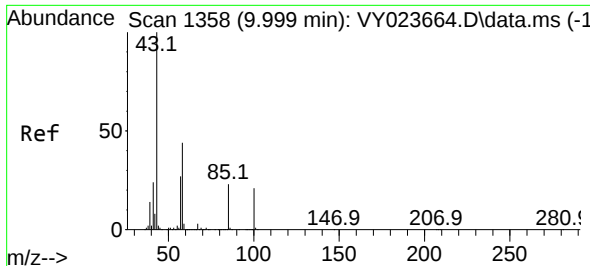
Tgt Ion: 98 Resp: 2036678

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 561.674 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

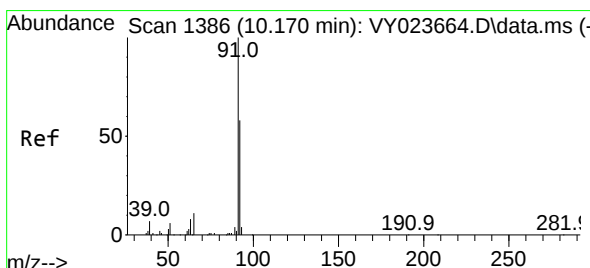
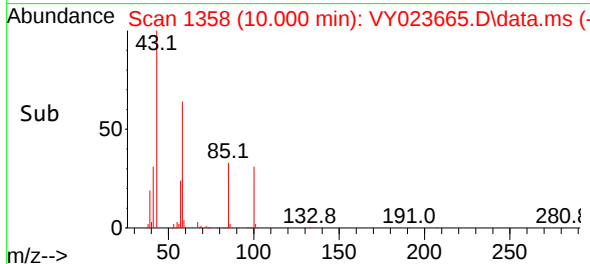
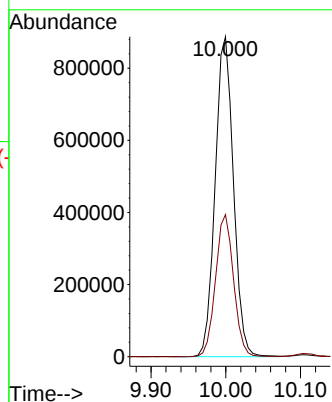
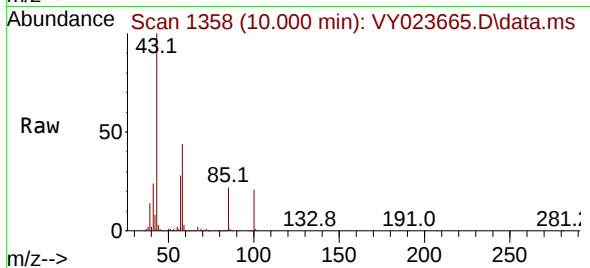
VSTDIC100

Tgt Ion: 43 Resp: 1509447

Ion Ratio Lower Upper

43 100

58 43.9 34.8 52.2



#52

Toluene

Concen: 106.868 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023665.D

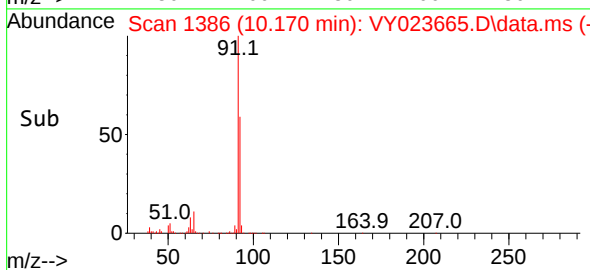
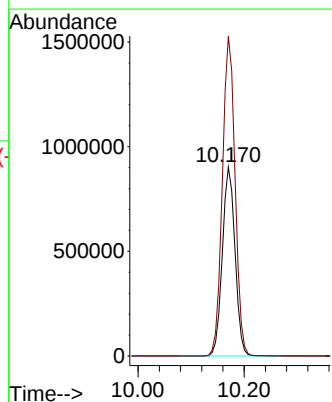
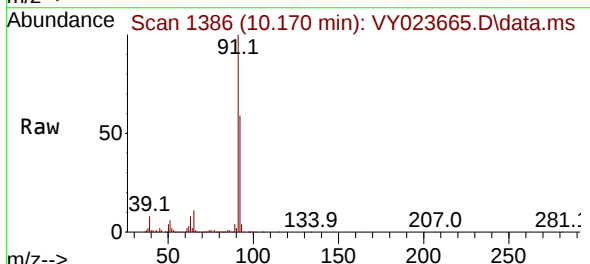
Acq: 04 Nov 2025 11:05

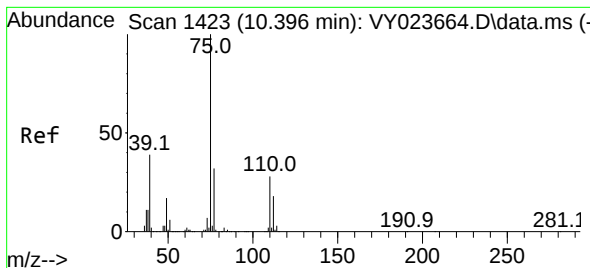
Tgt Ion: 92 Resp: 1494139

Ion Ratio Lower Upper

92 100

91 169.9 137.8 206.8

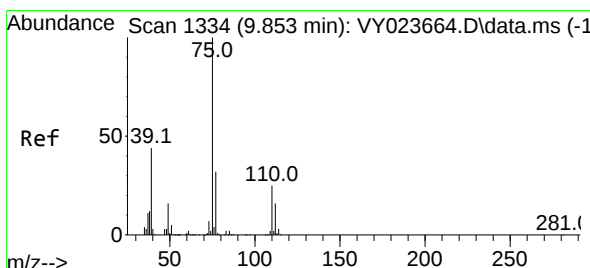
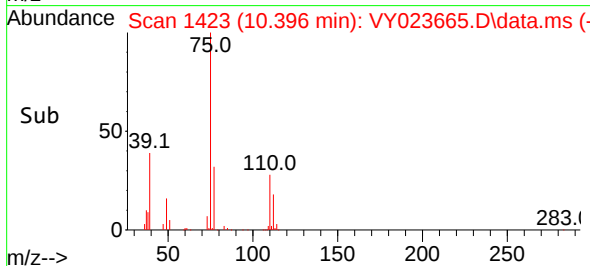
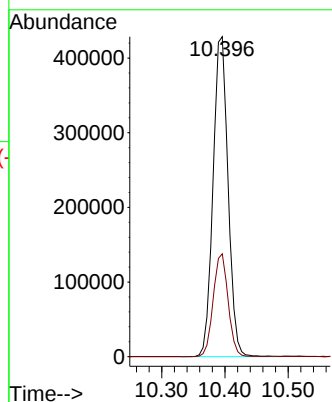
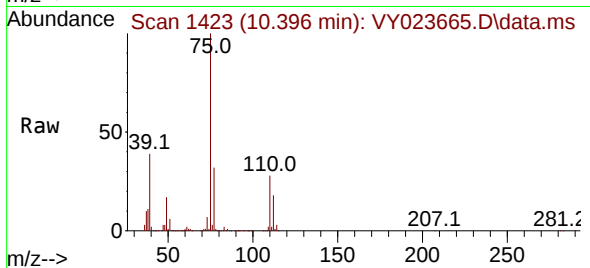




#53
 t-1,3-Dichloropropene
 Concen: 110.869 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023665.D
 Acq: 04 Nov 2025 11:05

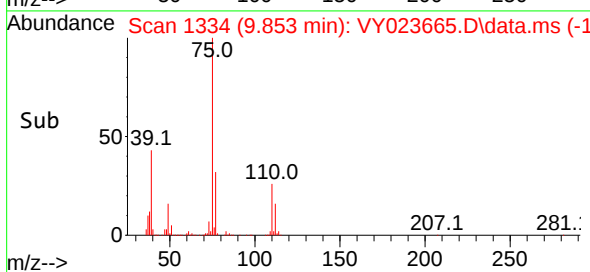
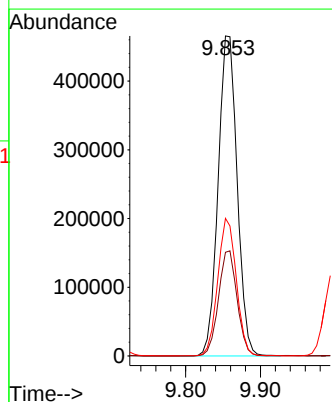
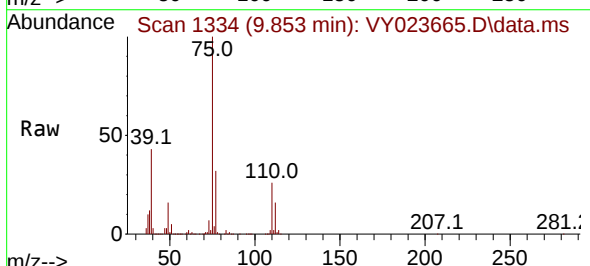
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

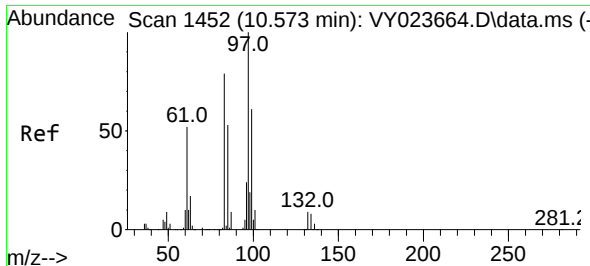
Tgt Ion: 75 Resp: 708290
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 107.667 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023665.D
 Acq: 04 Nov 2025 11:05

Tgt Ion: 75 Resp: 824093
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5
 39 42.9 34.9 52.3

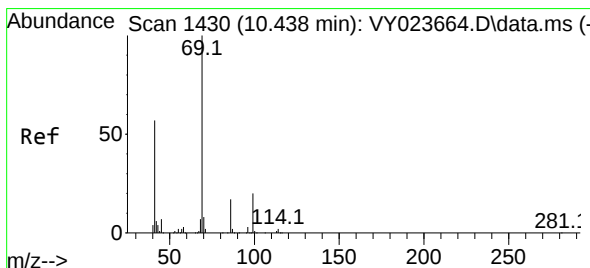
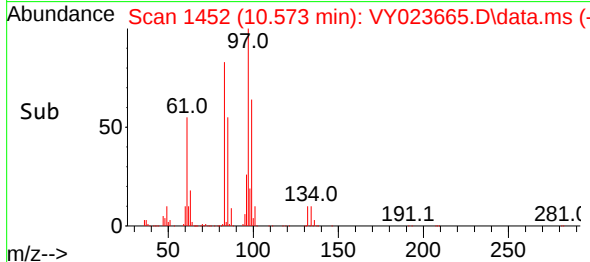
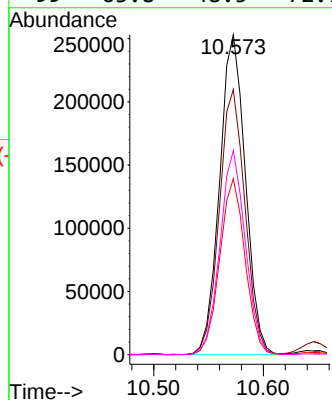
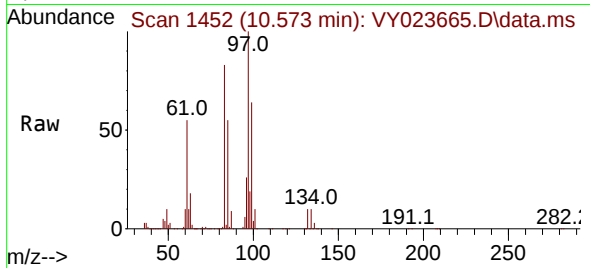




#55
1,1,2-Trichloroethane
Concen: 103.695 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

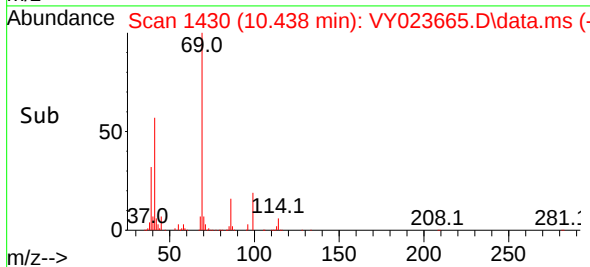
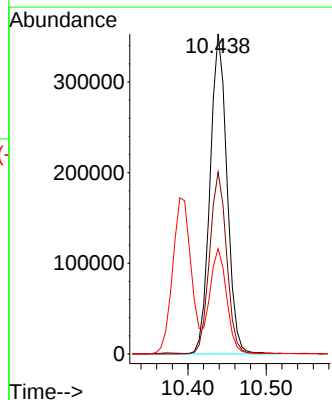
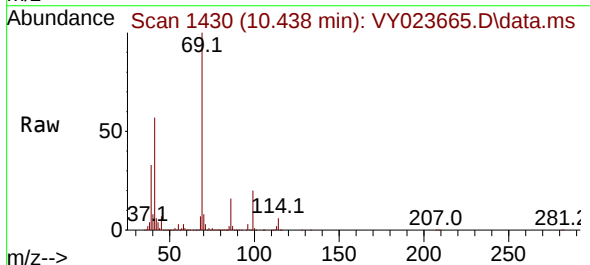
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

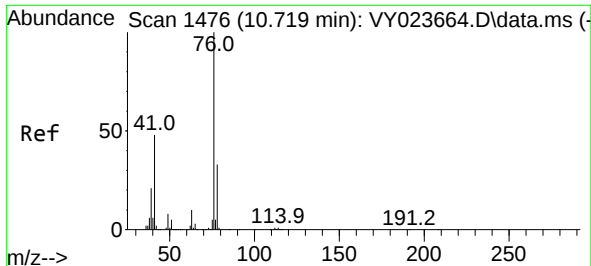
Tgt Ion:	97	Resp:	414987
Ion	Ratio	Lower	Upper
97	100		
83	82.8	63.3	94.9
85	55.0	42.4	63.6
99	63.8	48.5	72.7



#56
Ethyl methacrylate
Concen: 120.046 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:	69	Resp:	529329
Ion	Ratio	Lower	Upper
69	100		
41	56.7	45.0	67.4
39	33.0	25.1	37.7





#57

1,3-Dichloropropane

Concen: 104.582 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

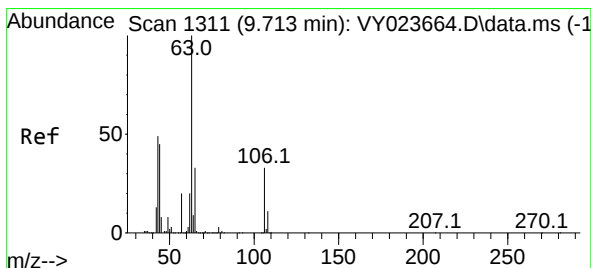
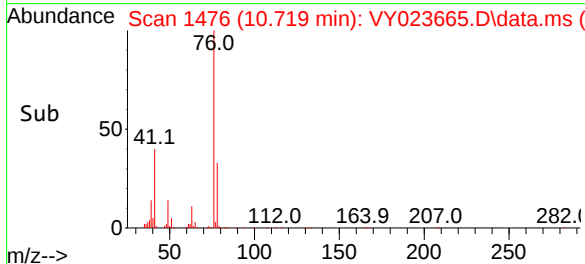
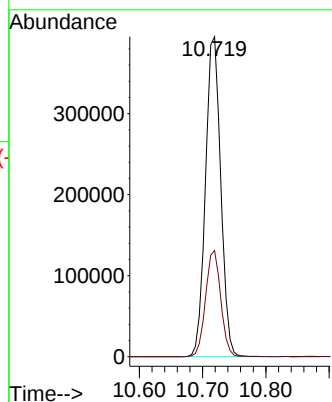
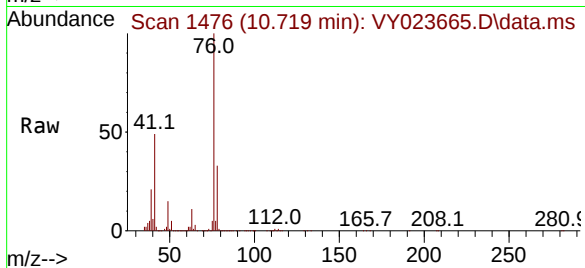
VSTDIC100

Tgt Ion: 76 Resp: 663870

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 599.849 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023665.D

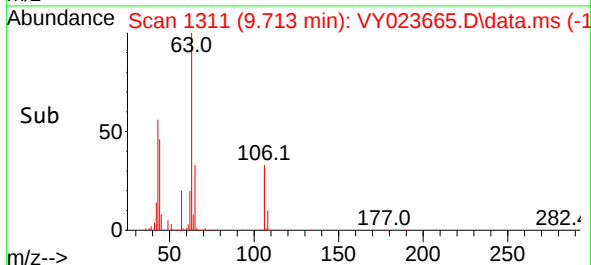
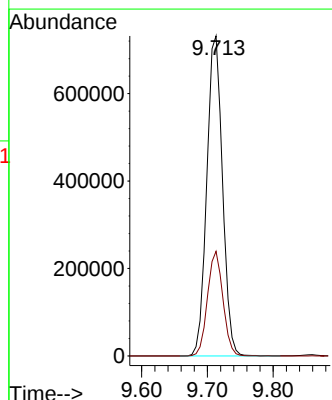
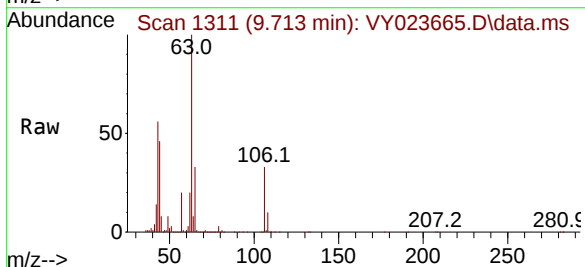
Acq: 04 Nov 2025 11:05

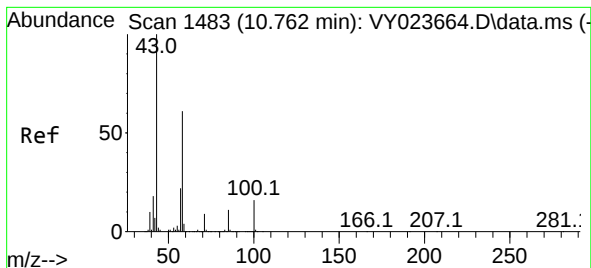
Tgt Ion: 63 Resp: 1213712

Ion Ratio Lower Upper

63 100

106 32.2 26.2 39.2

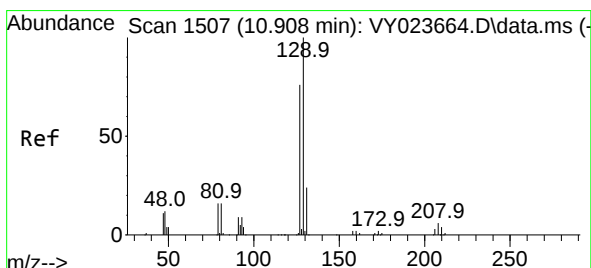
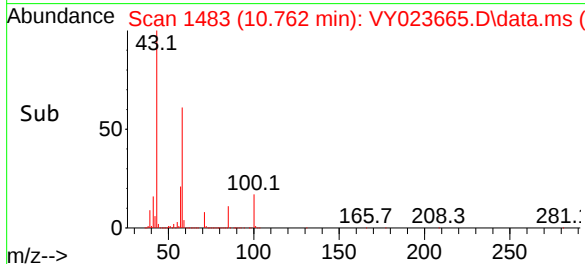
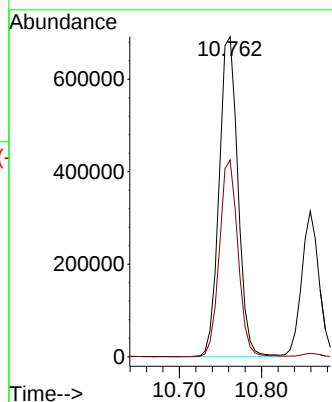
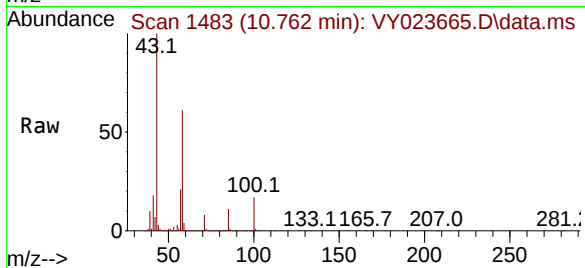




#59
2-Hexanone
Concen: 560.896 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

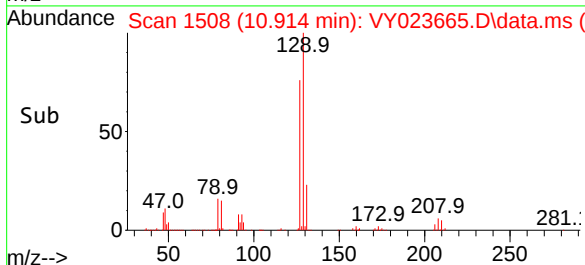
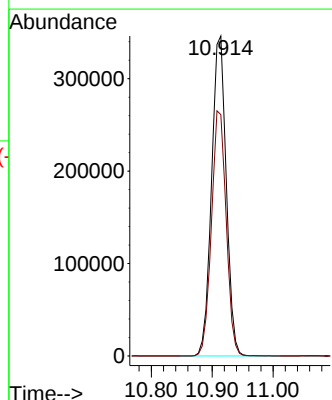
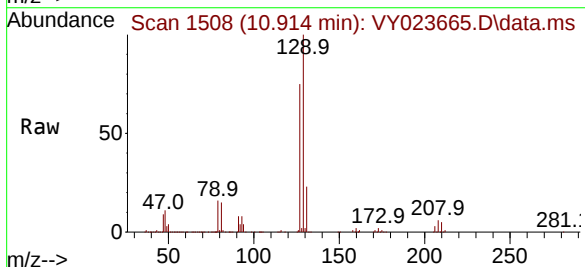
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

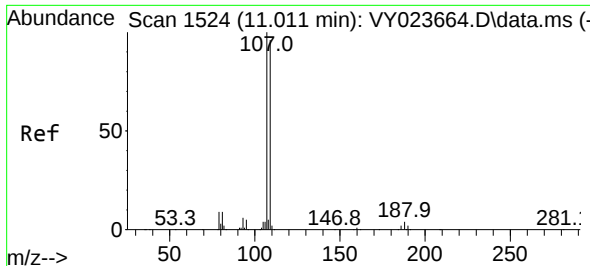
Tgt Ion: 43 Resp: 1099726
Ion Ratio Lower Upper
43 100
58 60.8 30.2 90.6



#60
Dibromochloromethane
Concen: 105.098 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 129 Resp: 577908
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

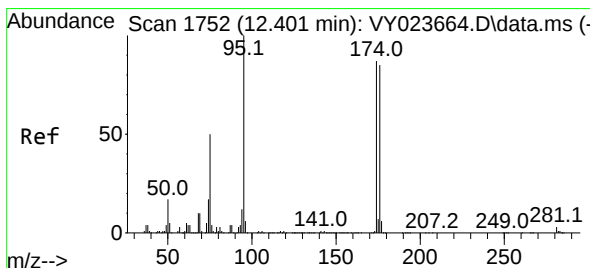
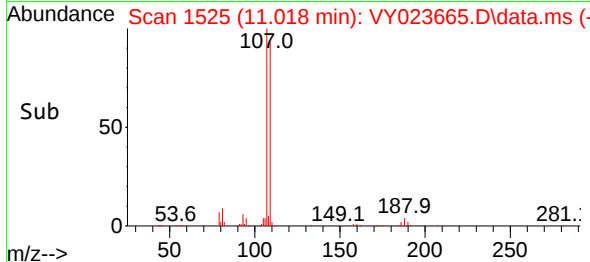
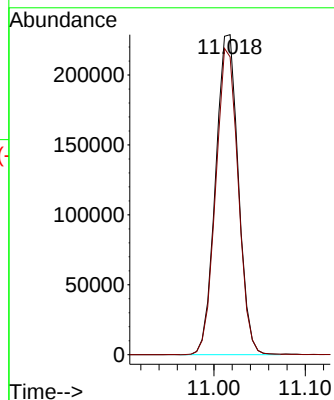
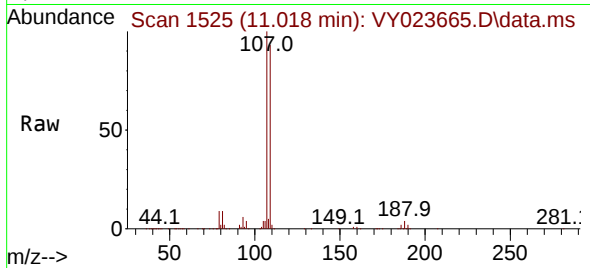




#61
1,2-Dibromoethane
Concen: 105.457 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

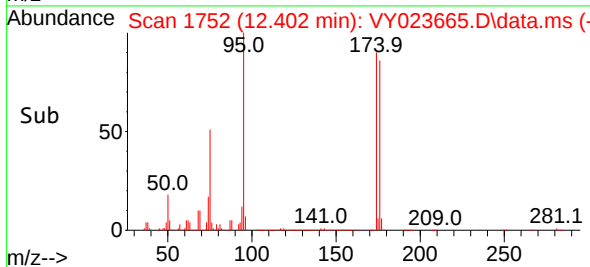
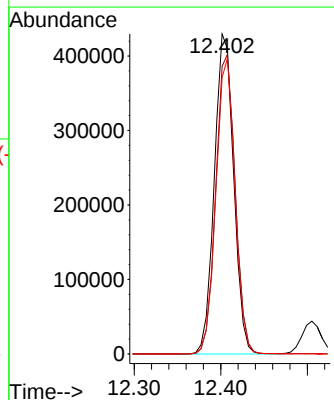
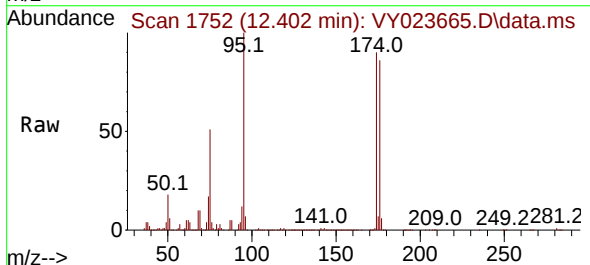
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

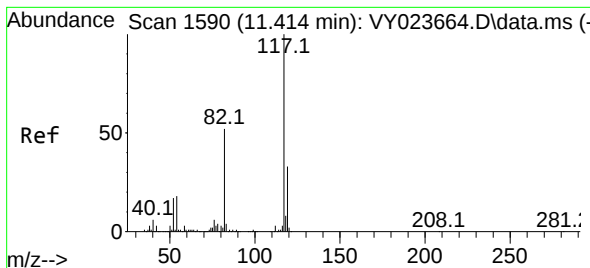
Tgt Ion:107 Resp: 396076
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 106.305 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 95 Resp: 665813
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.8
176 91.6 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

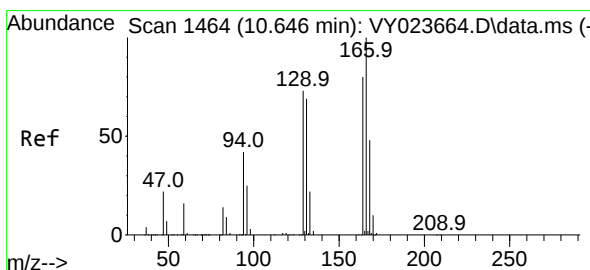
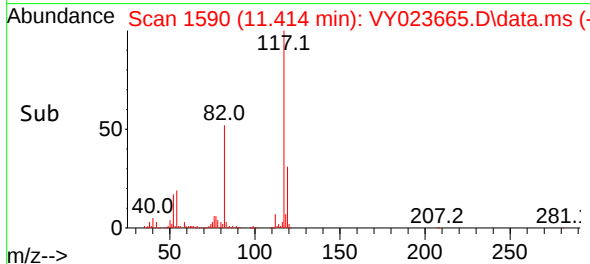
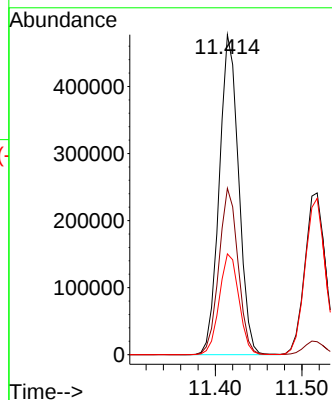
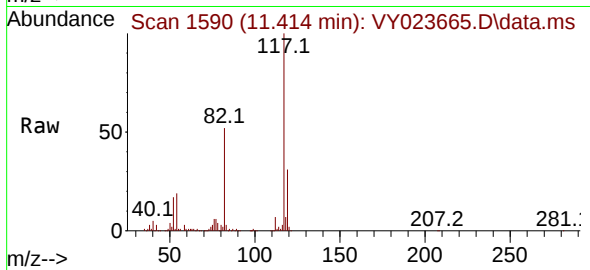
Tgt Ion:117 Resp: 740642

Ion Ratio Lower Upper

117 100

82 52.0 41.2 61.8

119 31.5 26.2 39.2



#64

Tetrachloroethene

Concen: 96.137 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Tgt Ion:164 Resp: 741118

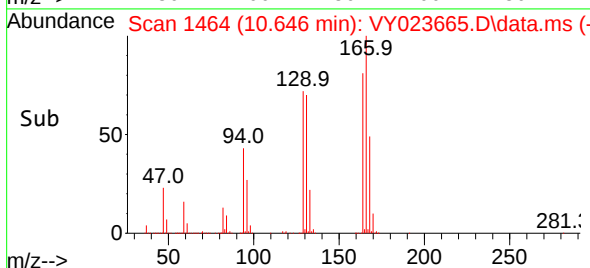
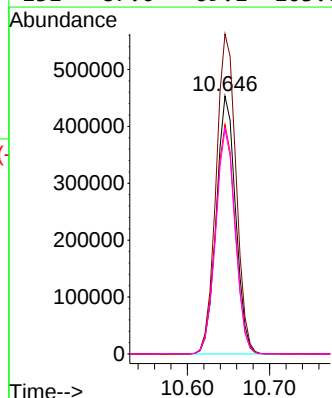
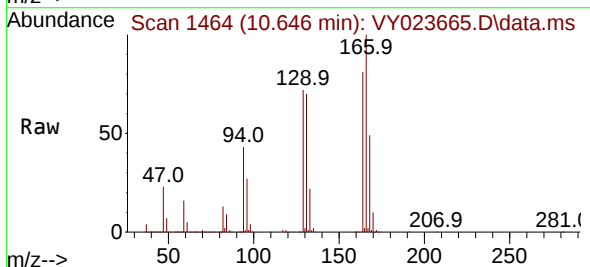
Ion Ratio Lower Upper

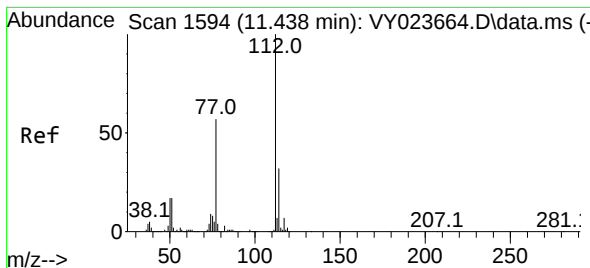
164 100

166 124.0 99.5 149.3

129 88.9 72.3 108.5

131 87.0 69.1 103.7

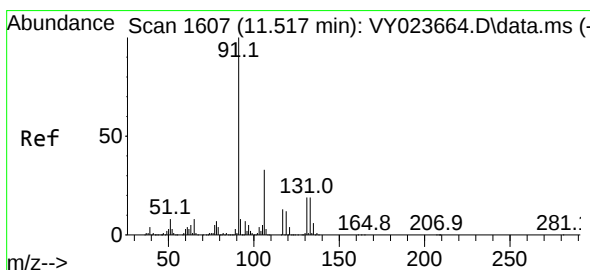
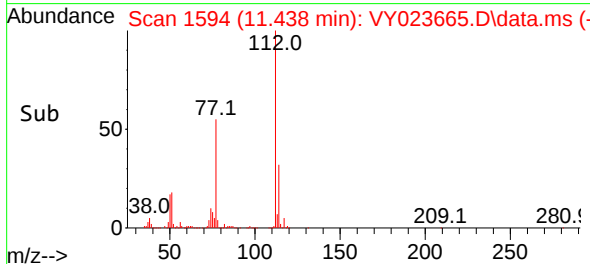
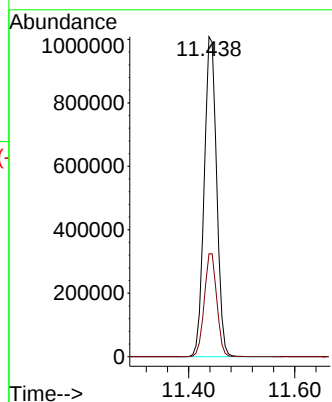
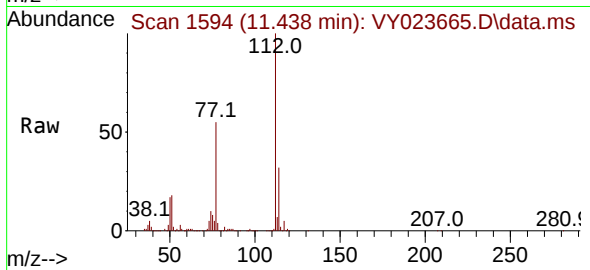




#65
Chlorobenzene
Concen: 101.655 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

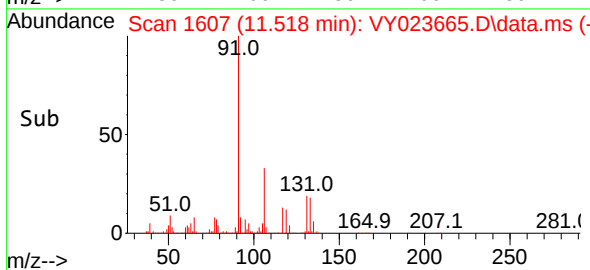
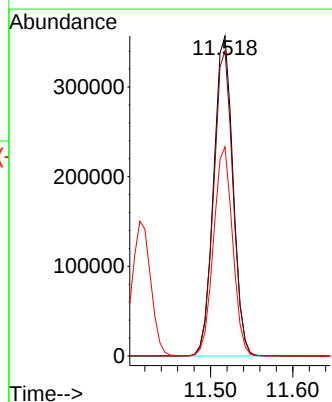
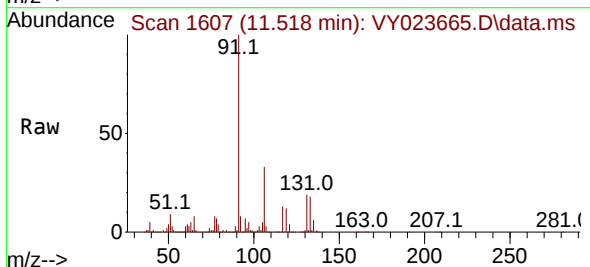
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

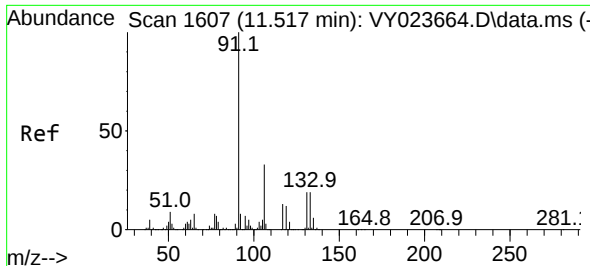
Tgt Ion:112 Resp: 1639055
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 102.290 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:131 Resp: 583207
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 64.6 32.5 97.4

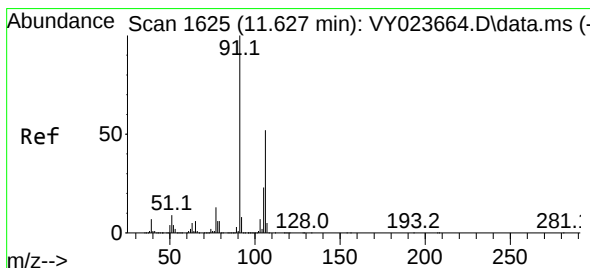
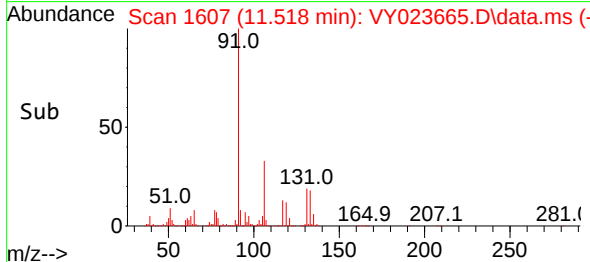
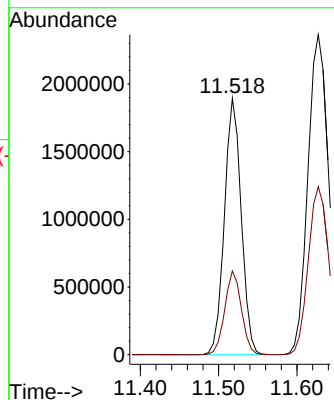
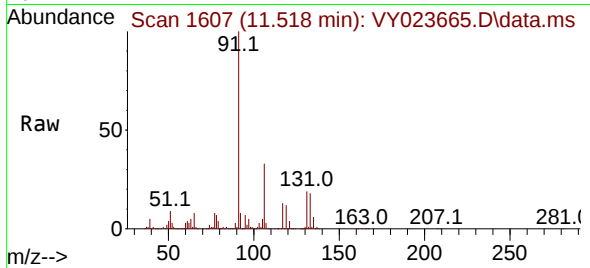




#67
Ethyl Benzene
Concen: 108.283 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

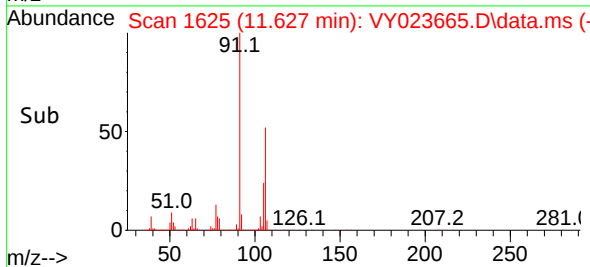
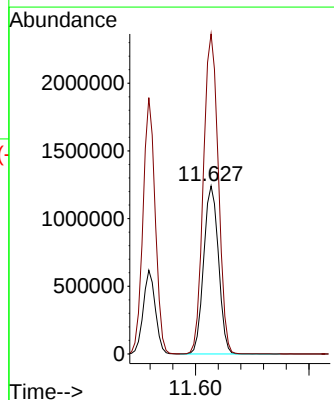
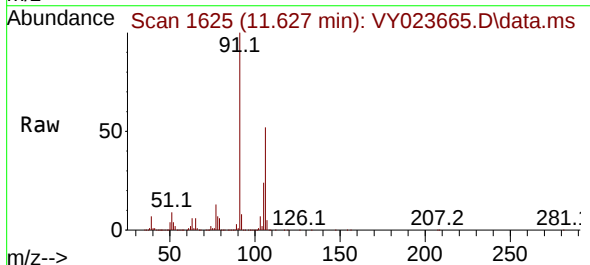
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

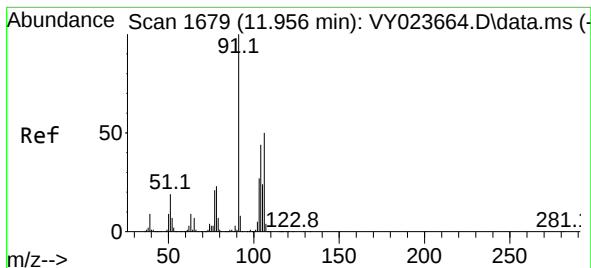
Tgt Ion: 91 Resp: 2825731
Ion Ratio Lower Upper
91 100
106 32.7 26.6 40.0



#68
m/p-Xylenes
Concen: 214.992 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 106 Resp: 2241551
Ion Ratio Lower Upper
106 100
91 192.1 154.3 231.5

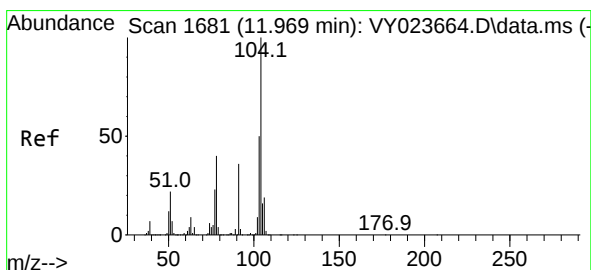
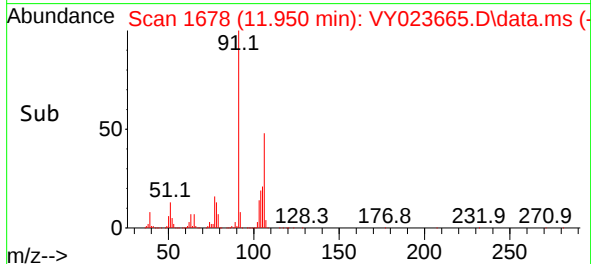
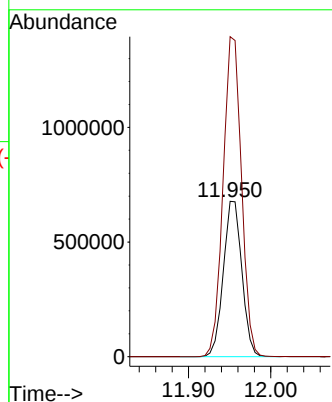
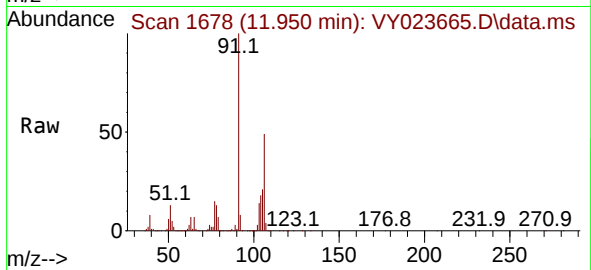




#69
o-Xylene
Concen: 110.253 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

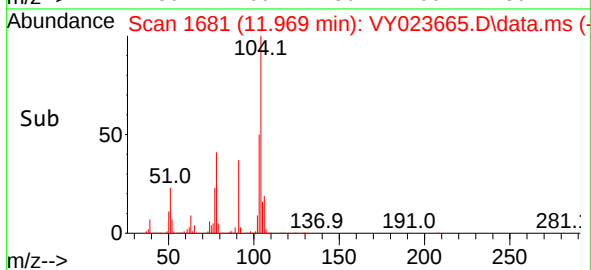
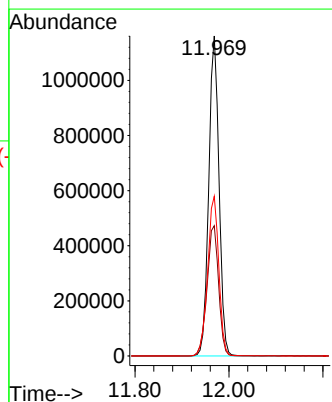
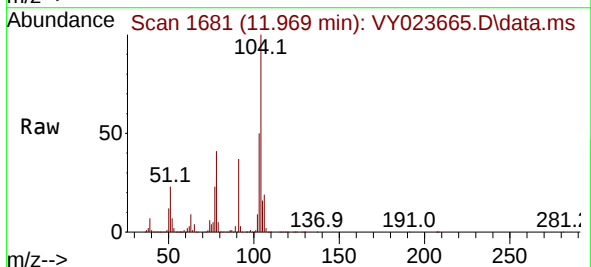
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

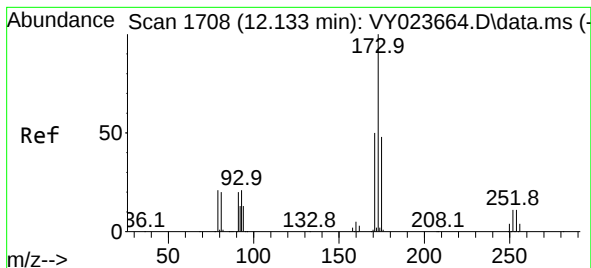
Tgt Ion:106 Resp: 1062605
Ion Ratio Lower Upper
106 100
91 204.7 101.6 304.6



#70
Styrene
Concen: 110.290 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:104 Resp: 1753830
Ion Ratio Lower Upper
104 100
78 45.9 36.5 54.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 105.656 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

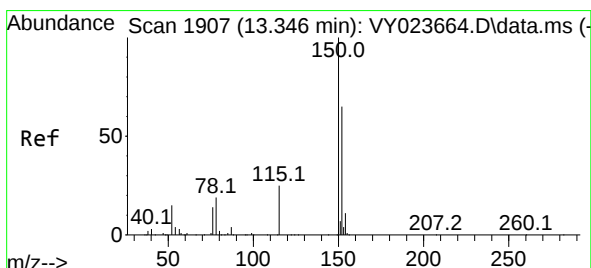
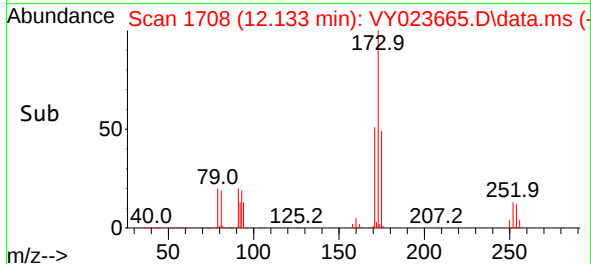
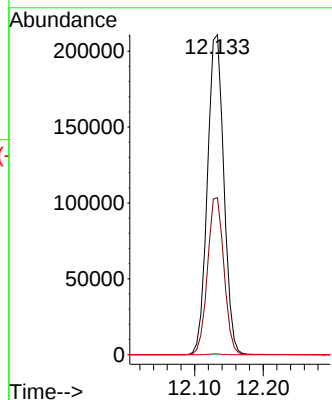
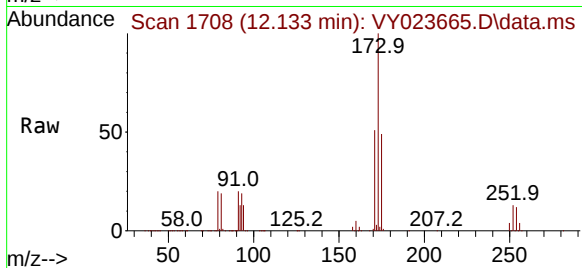
Tgt Ion:173 Resp: 351826

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

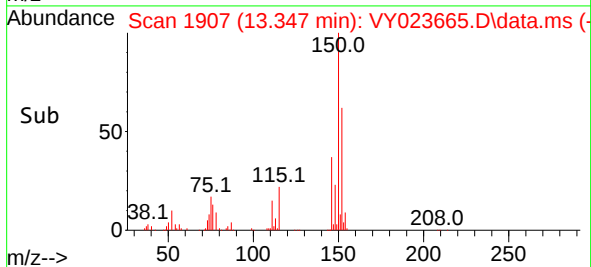
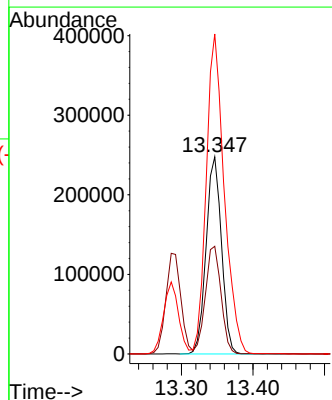
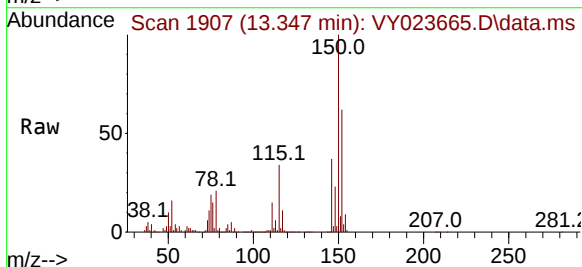
Tgt Ion:152 Resp: 370503

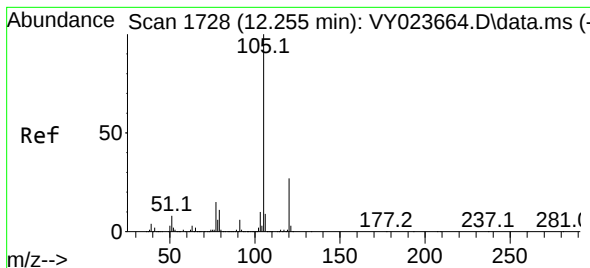
Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.5

150 189.8 0.0 349.0





#73

Isopropylbenzene

Concen: 108.880 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

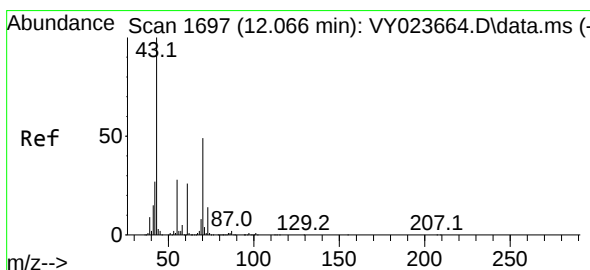
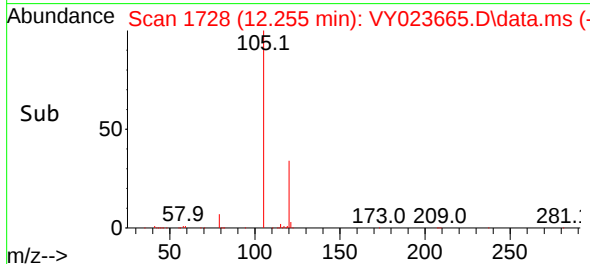
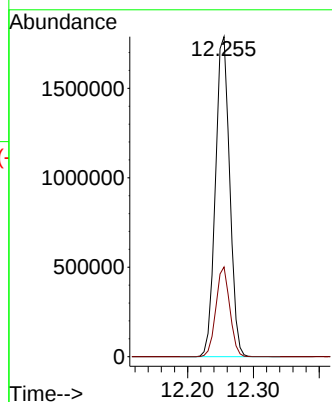
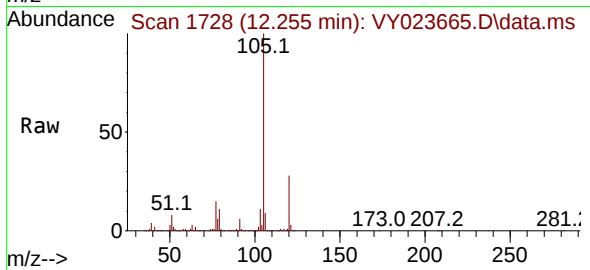
VSTDIC100

Tgt Ion:105 Resp: 2698043

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.7



#74

N-ethyl acetate

Concen: 117.135 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Tgt Ion: 43 Resp: 491427

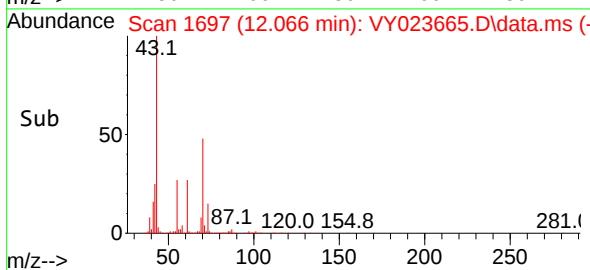
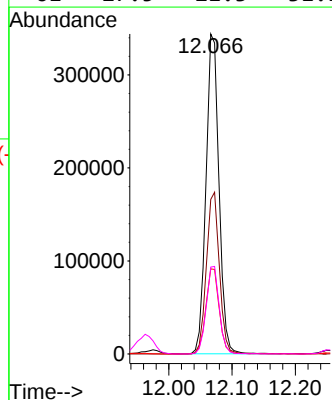
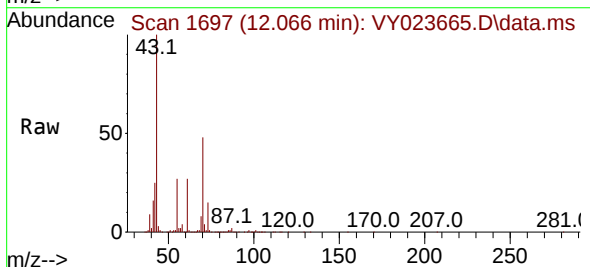
Ion Ratio Lower Upper

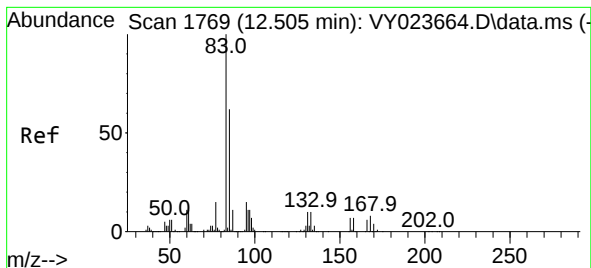
43 100

70 50.8 40.1 60.1

55 27.6 23.0 34.6

61 27.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 106.557 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

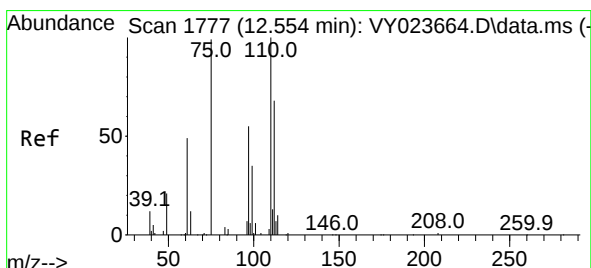
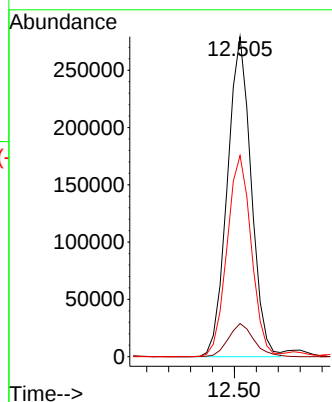
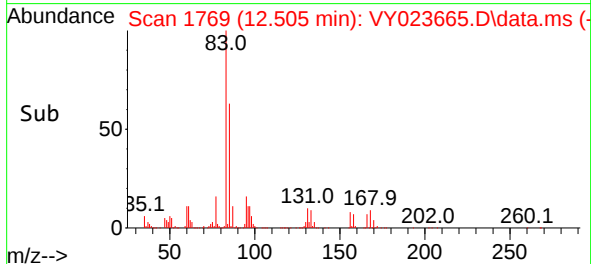
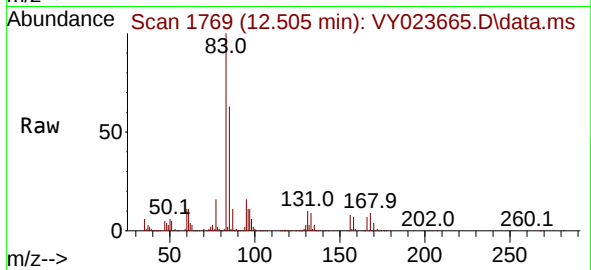
Tgt Ion: 83 Resp: 421715

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 187.934 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023665.D

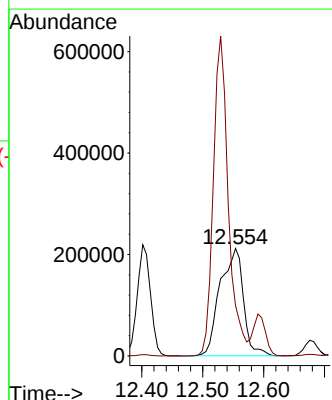
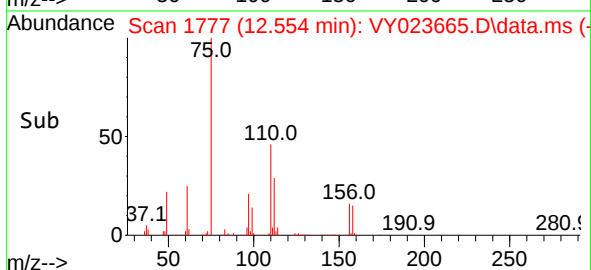
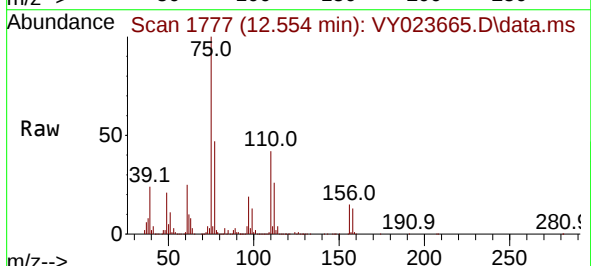
Acq: 04 Nov 2025 11:05

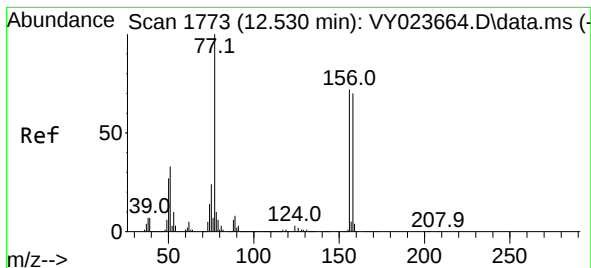
Tgt Ion: 75 Resp: 563525

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.471 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

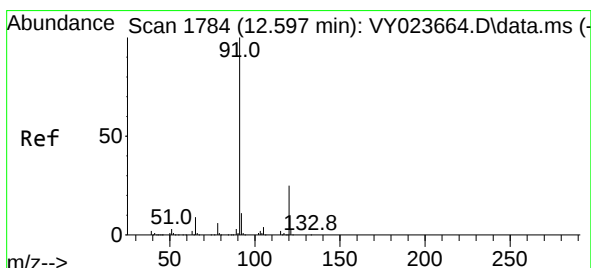
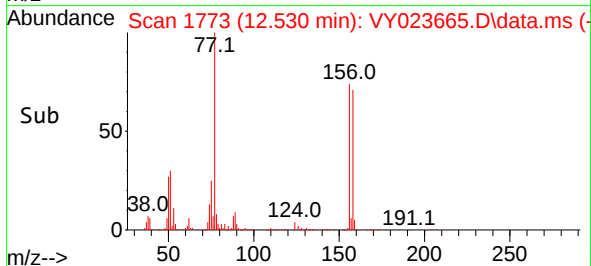
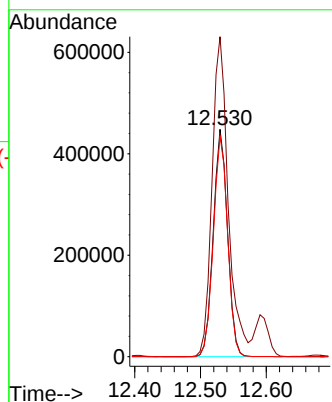
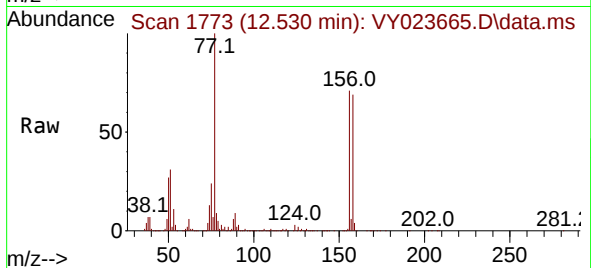
Tgt Ion:156 Resp: 677938

Ion Ratio Lower Upper

156 100

77 159.3 77.9 233.7

158 97.0 48.5 145.5



#78

n-propylbenzene

Concen: 106.906 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023665.D

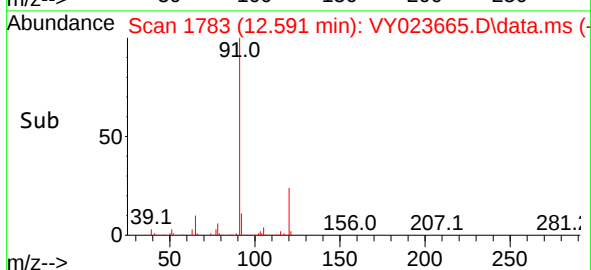
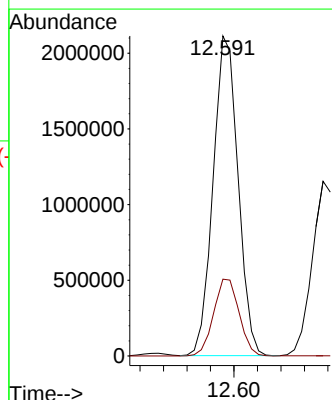
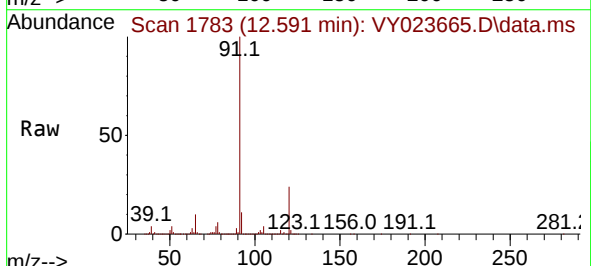
Acq: 04 Nov 2025 11:05

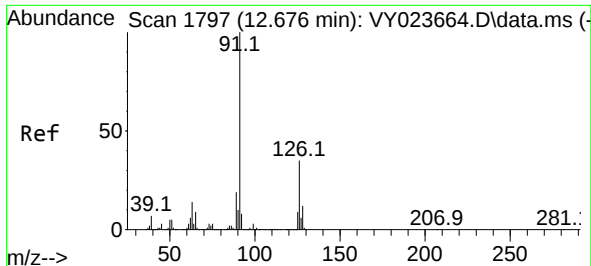
Tgt Ion: 91 Resp: 3116044

Ion Ratio Lower Upper

91 100

120 24.6 12.0 36.1

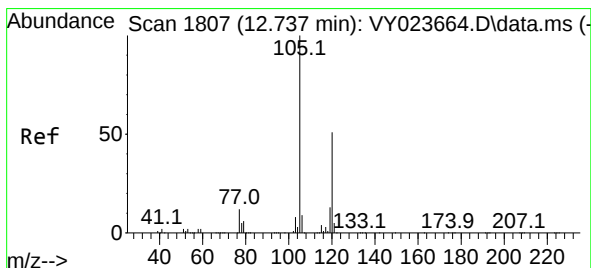
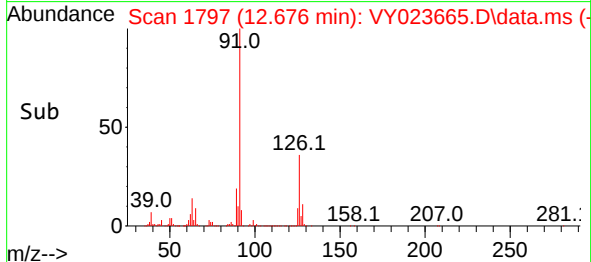
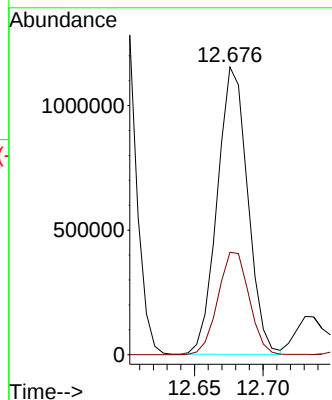
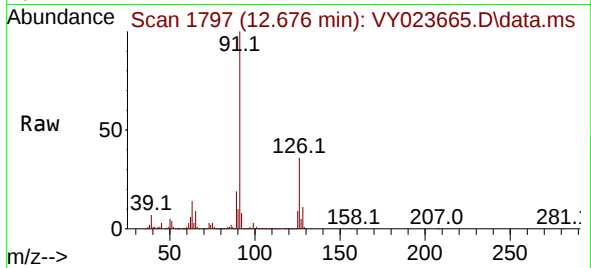




#79
2-Chlorotoluene
Concen: 105.435 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

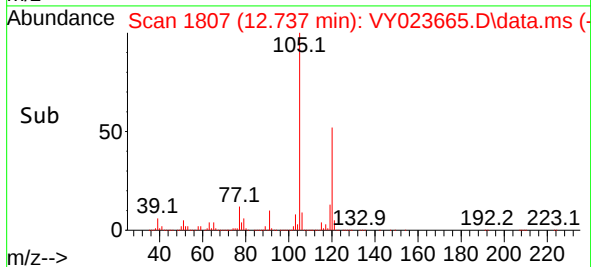
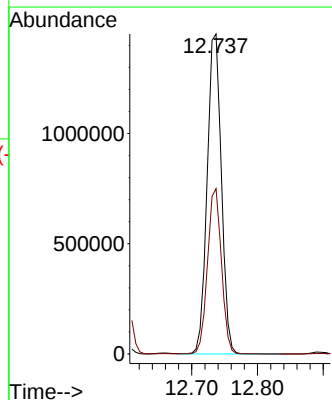
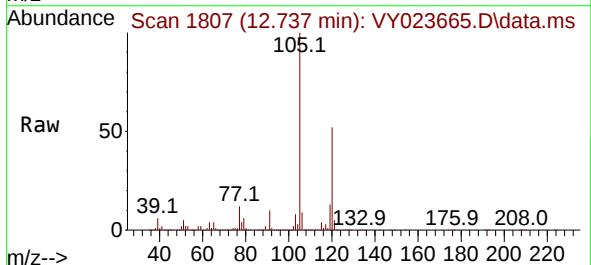
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

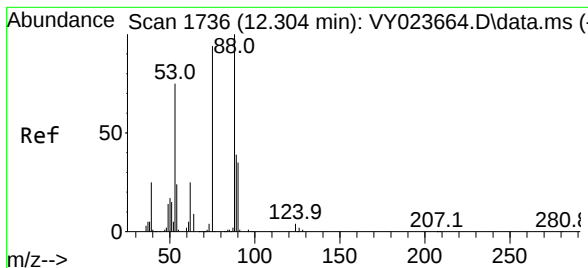
Tgt Ion: 91 Resp: 1783319
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 108.328 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:105 Resp: 2181015
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.2

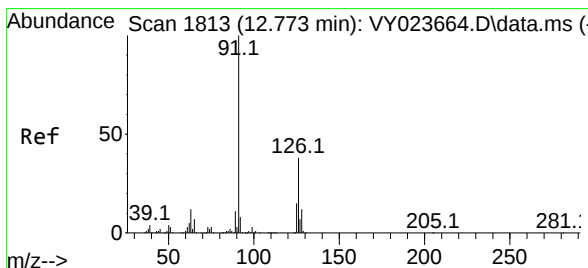
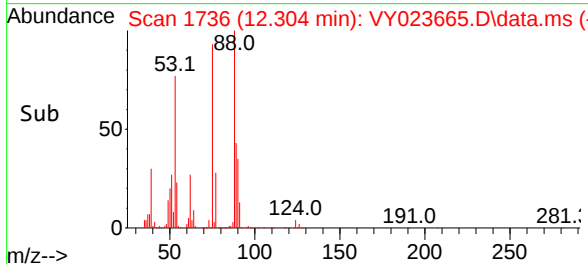
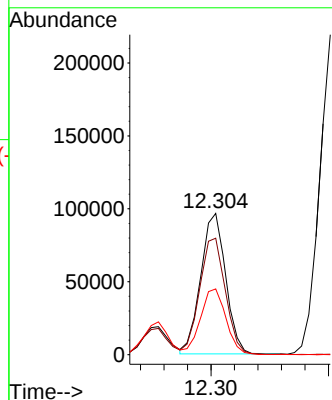
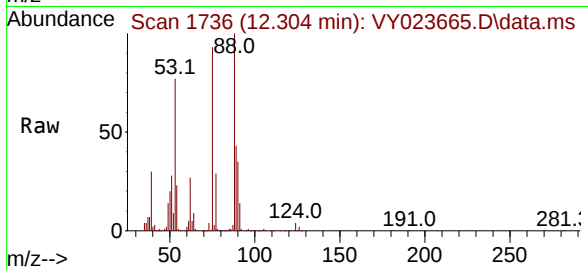




#81
trans-1,4-Dichloro-2-butene
Concen: 107.168 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

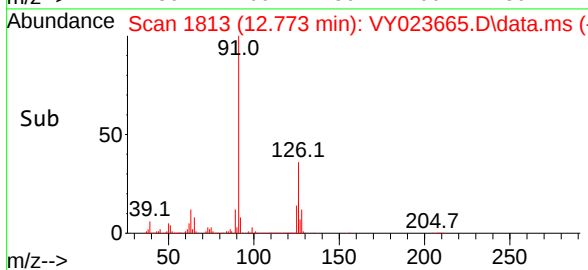
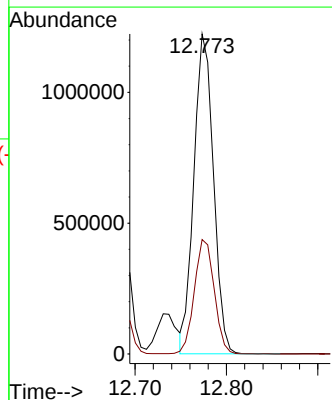
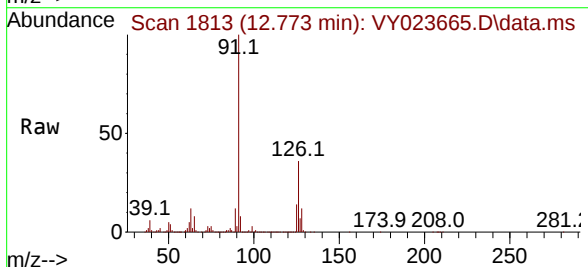
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

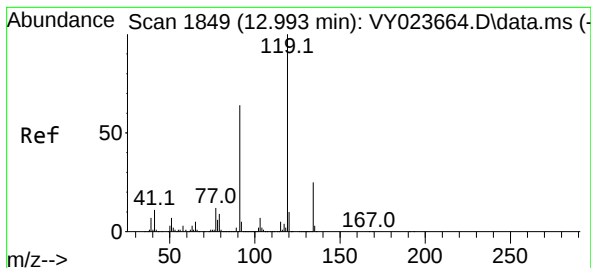
Tgt Ion: 75 Resp: 142192
Ion Ratio Lower Upper
75 100
53 85.8 69.6 104.4
89 48.4 38.2 57.4



#82
4-Chlorotoluene
Concen: 104.277 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion: 91 Resp: 1818934
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.4





#83

tert-Butylbenzene

Concen: 109.789 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

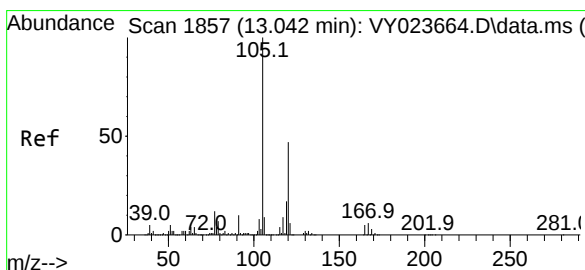
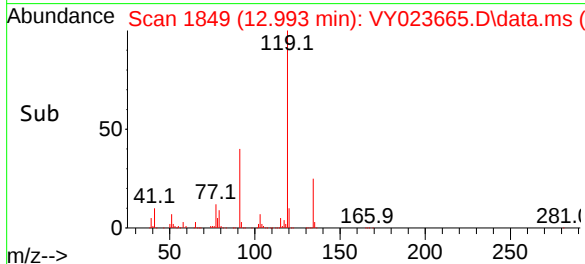
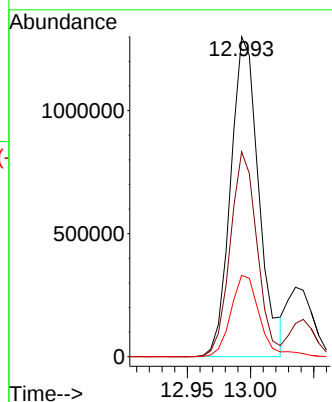
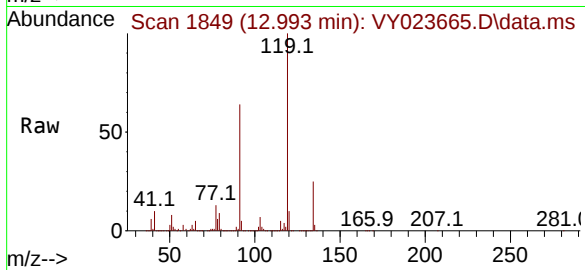
Tgt Ion:119 Resp: 2013210

Ion Ratio Lower Upper

119 100

91 61.1 30.7 92.1

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 108.924 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023665.D

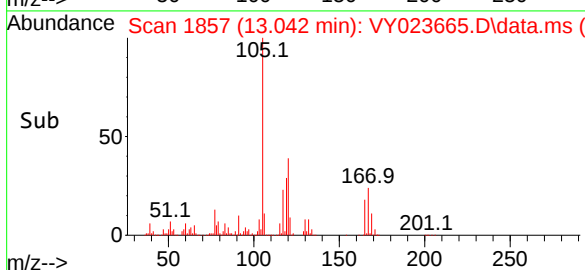
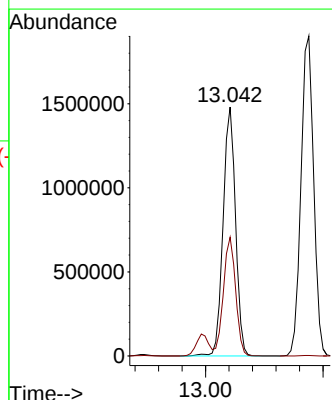
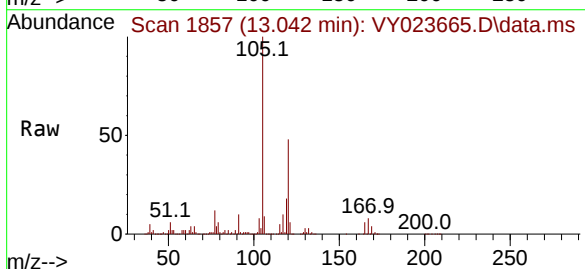
Acq: 04 Nov 2025 11:05

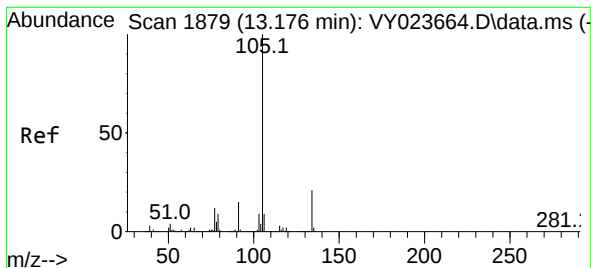
Tgt Ion:105 Resp: 2172108

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 107.306 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

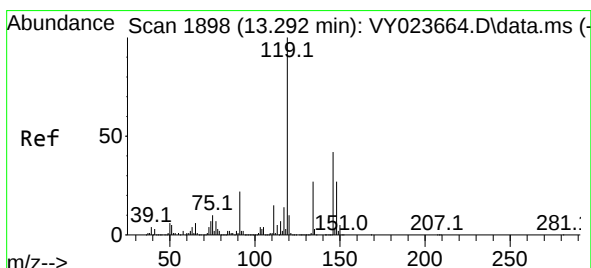
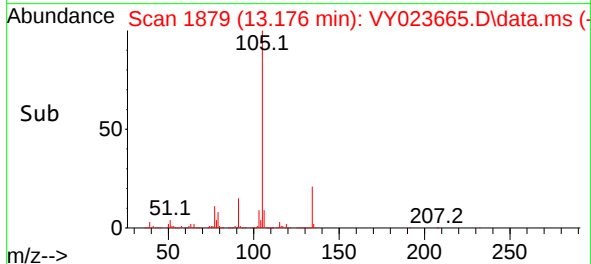
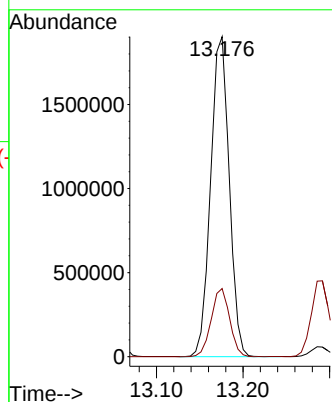
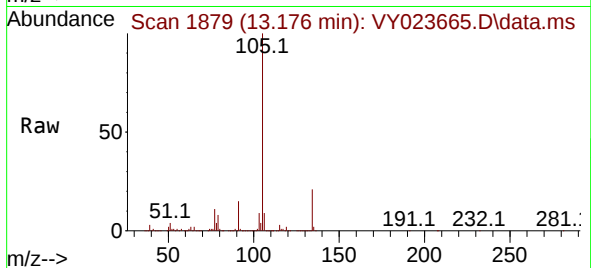
VSTDIC100

Tgt Ion:105 Resp: 2838051

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 108.929 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

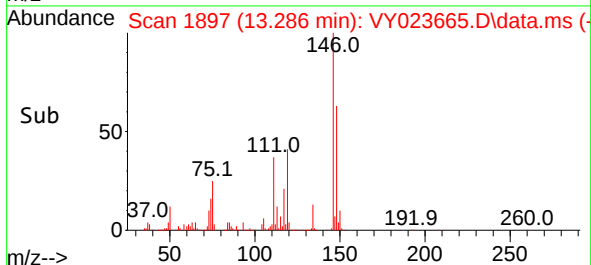
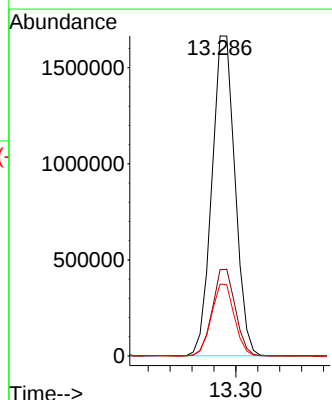
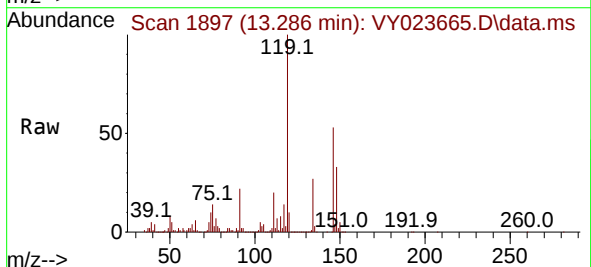
Tgt Ion:119 Resp: 2438892

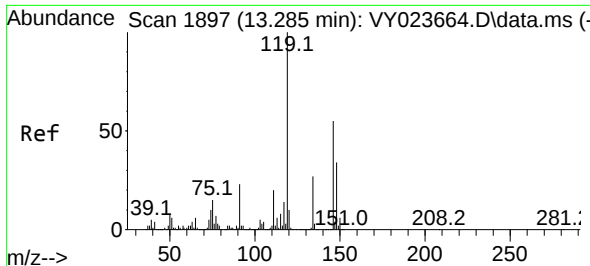
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.2 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 102.159 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

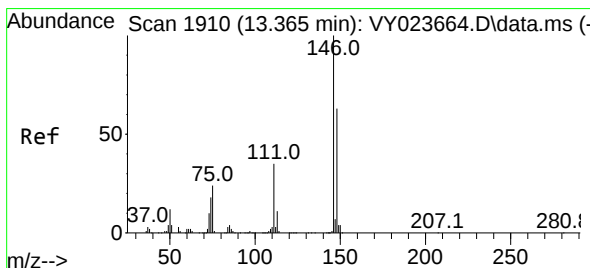
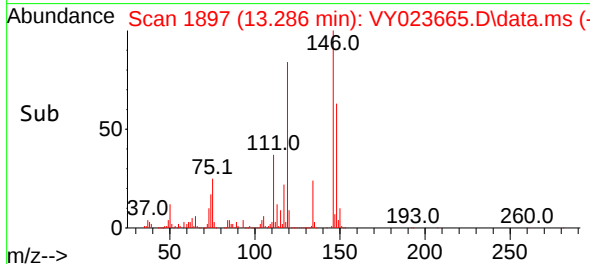
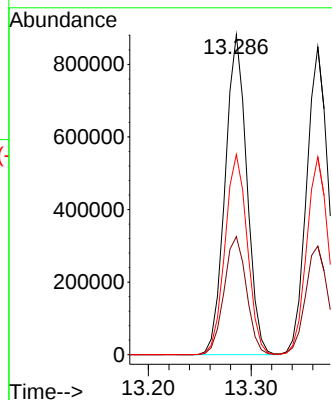
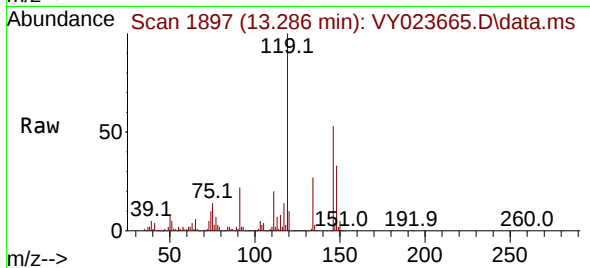
Tgt Ion:146 Resp: 1292429

Ion Ratio Lower Upper

146 100

111 37.9 18.8 56.3

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 100.096 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

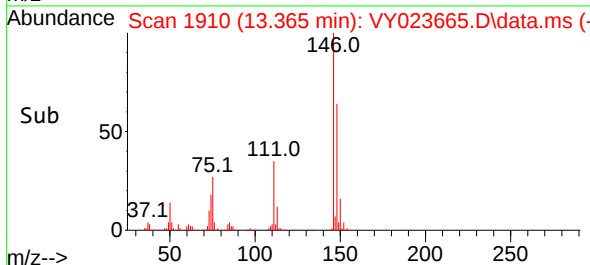
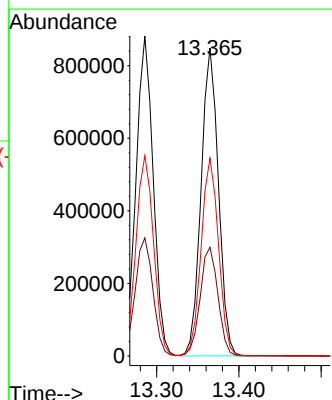
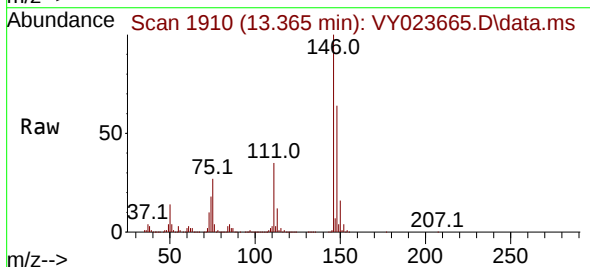
Tgt Ion:146 Resp: 1243927

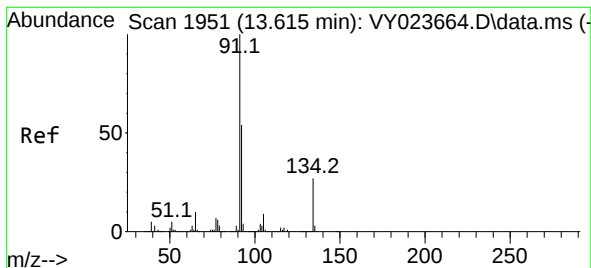
Ion Ratio Lower Upper

146 100

111 36.1 18.3 54.8

148 64.5 31.8 95.3





#89

n-Butylbenzene

Concen: 109.503 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

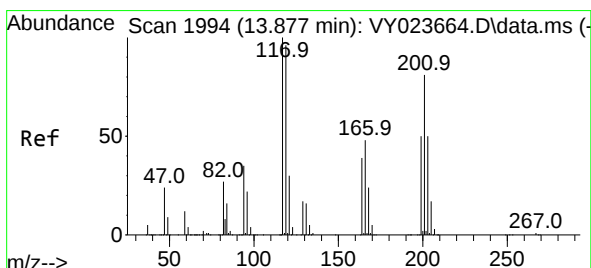
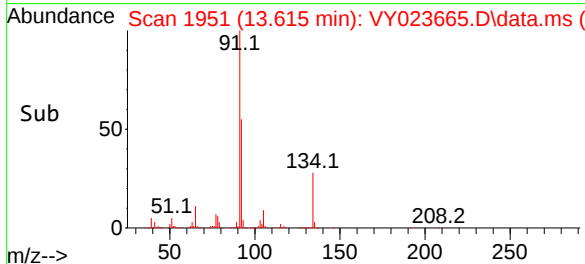
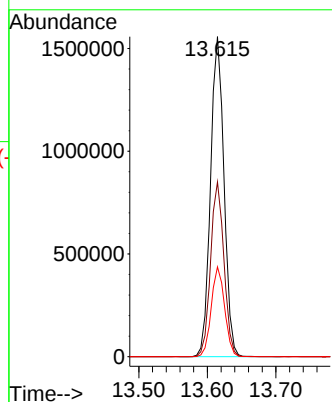
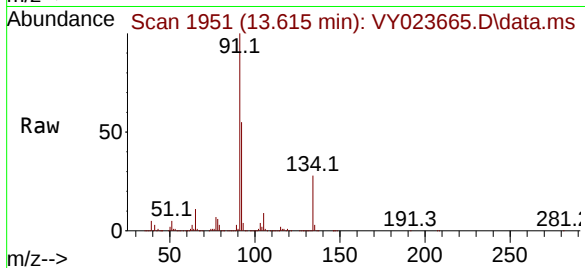
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 2131963

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.5	79.4
134	27.8	13.7	41.1



#90

Hexachloroethane

Concen: 102.262 ug/l

RT: 13.877 min Scan# 1994

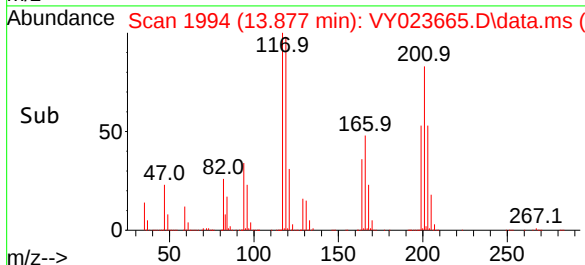
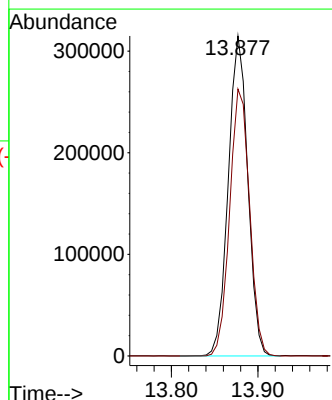
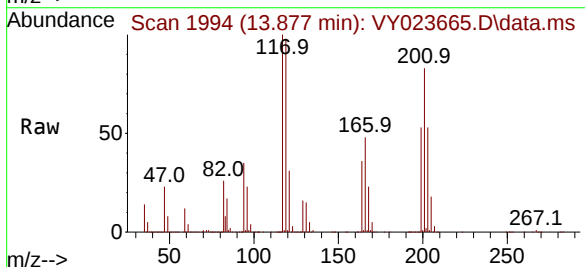
Delta R.T. 0.000 min

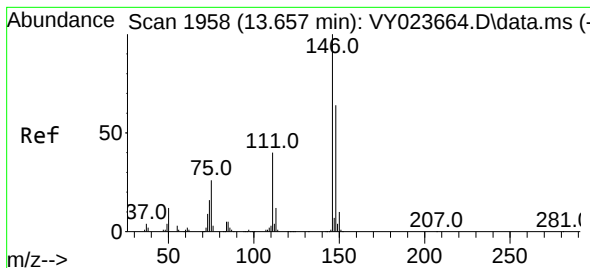
Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Tgt Ion: 117 Resp: 492034

Ion	Ratio	Lower	Upper
117	100		
201	85.0	42.3	126.8





#91

1,2-Dichlorobenzene

Concen: 101.567 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

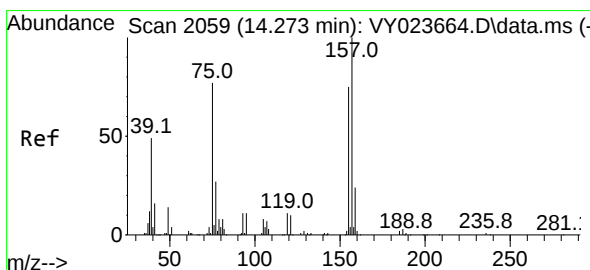
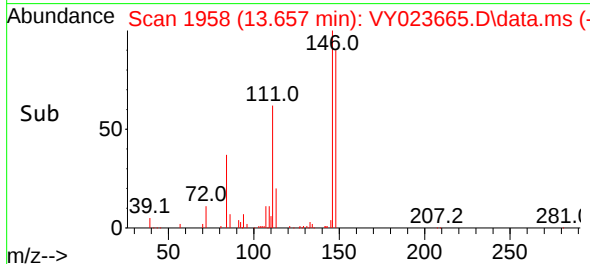
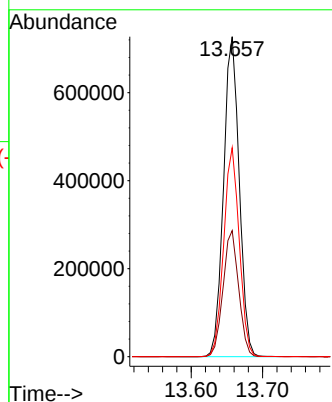
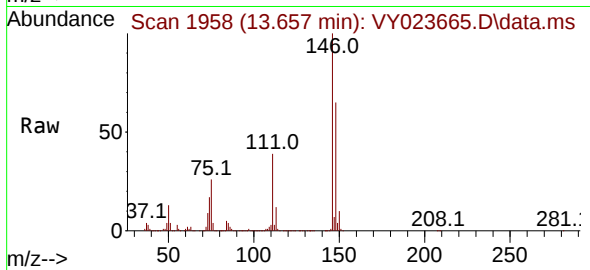
Tgt Ion:146 Resp: 1107343

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 64.8 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.113 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

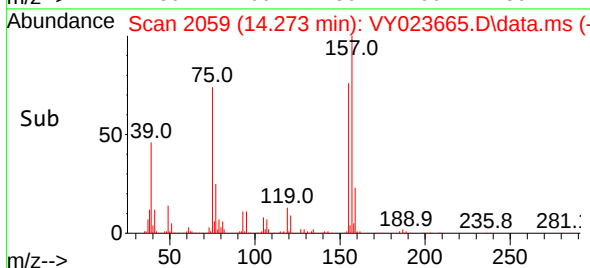
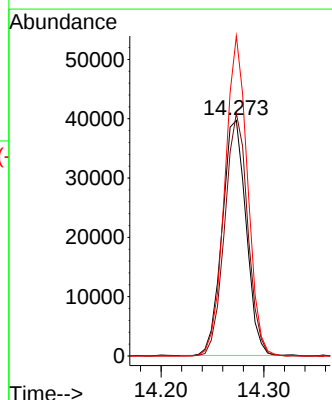
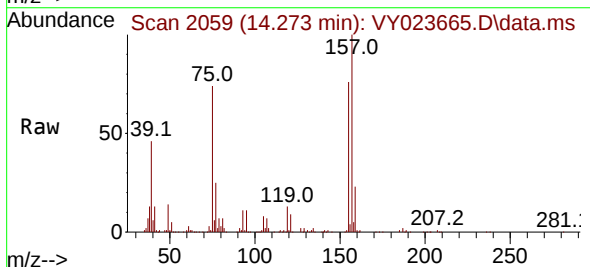
Tgt Ion: 75 Resp: 64052

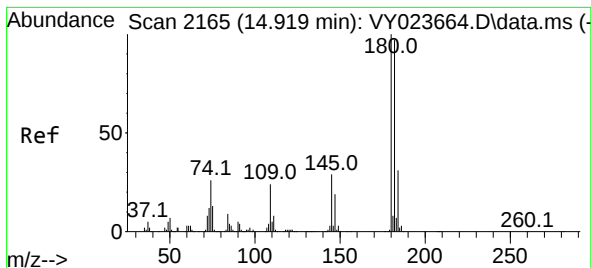
Ion Ratio Lower Upper

75 100

155 99.0 49.4 148.2

157 128.6 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 110.855 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

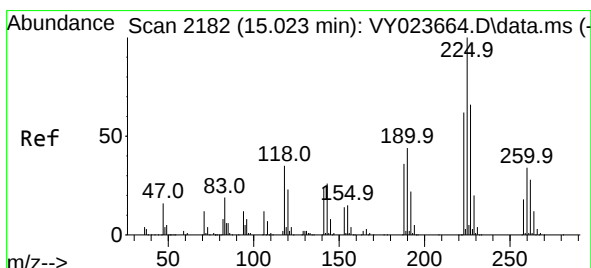
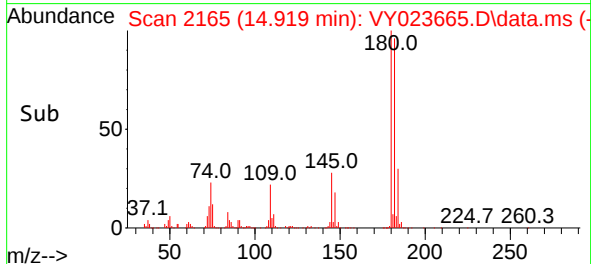
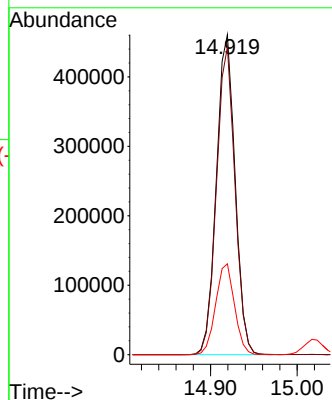
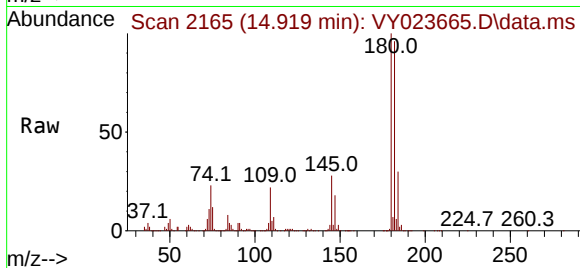
Tgt Ion:180 Resp: 691314

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 28.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 101.602 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023665.D

Acq: 04 Nov 2025 11:05

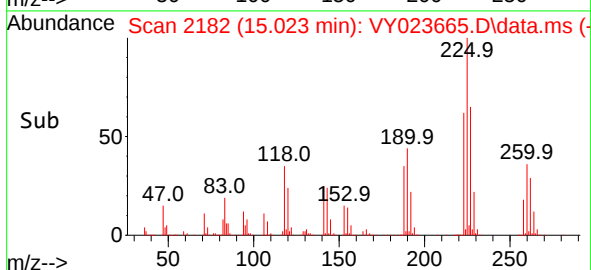
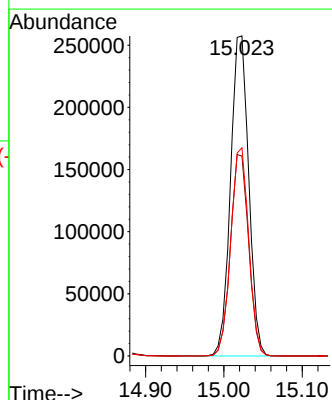
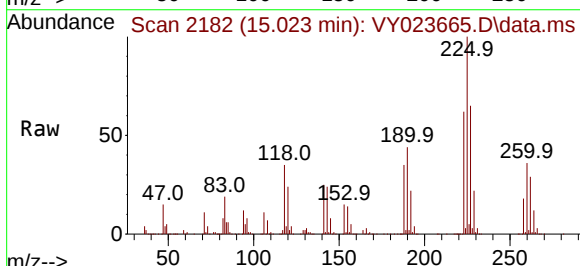
Tgt Ion:225 Resp: 415145

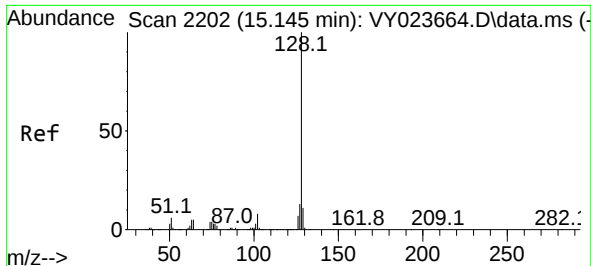
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 64.5 32.0 96.2

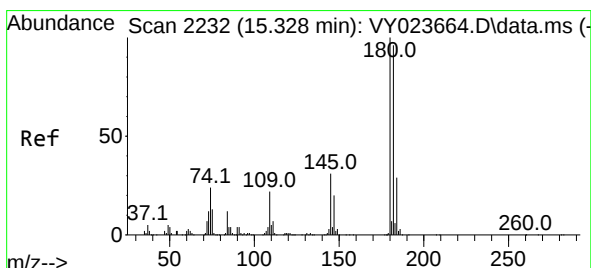
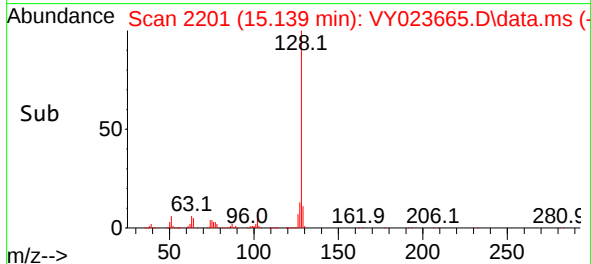
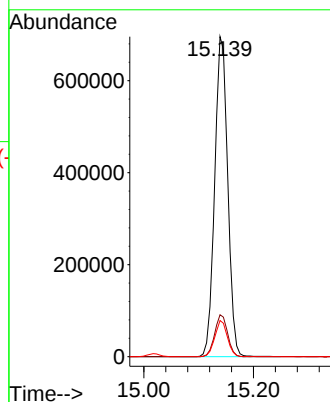
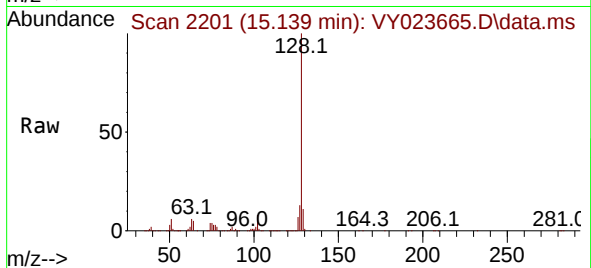




#95
Naphthalene
Concen: 99.258 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1145310
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 111.152 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023665.D
Acq: 04 Nov 2025 11:05

Tgt Ion:180 Resp: 579136
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.6
145 31.2 15.5 46.5

