

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031892.D
 Acq On : 22 Jul 2025 09:37
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 23 08:00:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	231127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	416059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	372788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	34413	9.843	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	19.680%#
35) Dibromofluoromethane	7.898	113	29377	10.391	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	20.780%#
50) Toluene-d8	10.325	98	108902	10.178	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	20.360%#
62) 4-Bromofluorobenzene	12.617	95	42871	10.434	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	20.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	16819	9.791	ug/l	90
3) Chloromethane	2.253	50	21940	9.951	ug/l	99
4) Vinyl Chloride	2.405	62	28422	9.924	ug/l	95
5) Bromomethane	2.826	94	20976	9.946	ug/l	92
6) Chloroethane	2.972	64	18282	9.672	ug/l	95
7) Trichlorofluoromethane	3.308	101	25531	8.801	ug/l	93
8) Diethyl Ether	3.722	74	17727	9.148	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	27862	9.986	ug/l	100
10) Methyl Iodide	4.313	142	40718	9.760	ug/l	99
11) Tert butyl alcohol	5.222	59	9045	44.010	ug/l #	88
12) 1,1-Dichloroethene	4.076	96	30316	9.837	ug/l	94
13) Acrolein	3.929	56	16101	48.430	ug/l	100
14) Allyl chloride	4.704	41	45698	9.525	ug/l	99
15) Acrylonitrile	5.405	53	39188	45.235	ug/l	97
16) Acetone	4.167	43	43690	52.659	ug/l	96
17) Carbon Disulfide	4.417	76	75927	9.499	ug/l	97
18) Methyl Acetate	4.710	43	19716	8.625	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	51288	9.632	ug/l	99
20) Methylene Chloride	4.954	84	43038	8.241	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	31392	9.600	ug/l	97
22) Diisopropyl ether	6.344	45	90747	9.453	ug/l	98
23) Vinyl Acetate	6.283	43	284185	45.312	ug/l	98
24) 1,1-Dichloroethane	6.246	63	58334	9.760	ug/l	98
25) 2-Butanone	7.197	43	53335	46.984	ug/l	100
26) 2,2-Dichloropropane	7.191	77	32523	9.611	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	36460	9.485	ug/l	98
28) Bromochloromethane	7.526	49	24018	9.597	ug/l	97
29) Tetrahydrofuran	7.551	42	33119	44.500	ug/l	98
30) Chloroform	7.691	83	61757	9.854	ug/l	98
31) Cyclohexane	7.971	56	54338	10.133	ug/l #	95
32) 1,1,1-Trichloroethane	7.886	97	46989	9.853	ug/l	98
36) 1,1-Dichloropropene	8.093	75	44218	10.184	ug/l	99
37) Ethyl Acetate	7.270	43	23295	9.405	ug/l	99
38) Carbon Tetrachloride	8.081	117	41429	9.943	ug/l	98
39) Methylcyclohexane	9.343	83	53466	9.785	ug/l	95
40) Benzene	8.337	78	128121	9.969	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	12233	8.385	ug/l	91
42) 1,2-Dichloroethane	8.410	62	40250	9.785	ug/l	99
43) Isopropyl Acetate	8.435	43	40842	9.109	ug/l	99
44) Trichloroethene	9.099	130	30934	10.126	ug/l	94
45) 1,2-Dichloropropane	9.374	63	30529	9.863	ug/l	93
46) Dibromomethane	9.465	93	18831	9.814	ug/l	96
47) Bromodichloromethane	9.648	83	45402	9.868	ug/l	98
48) Methyl methacrylate	9.441	41	19089	8.949	ug/l	99
49) 1,4-Dioxane	9.471	88	3526	184.165	ug/l #	72
51) 4-Methyl-2-Pentanone	10.215	43	112498	45.845	ug/l	98
52) Toluene	10.392	92	83069	10.054	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	41264	9.349	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	48135	9.550	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	24676	9.682	ug/l	95
56) Ethyl methacrylate	10.648	69	32317	8.978	ug/l	99
57) 1,3-Dichloropropane	10.934	76	43658	9.723	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	85410	46.194	ug/l	100
59) 2-Hexanone	10.971	43	78182	45.837	ug/l	99
60) Dibromochloromethane	11.129	129	28189	9.486	ug/l	99
61) 1,2-Dibromoethane	11.239	107	24219	9.617	ug/l	99
64) Tetrachloroethene	10.861	164	24918	10.138	ug/l	96
65) Chlorobenzene	11.660	112	91460	10.024	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	27287	9.647	ug/l	98
67) Ethyl Benzene	11.733	91	157107	9.801	ug/l	100
68) m/p-Xylenes	11.843	106	119437	19.791	ug/l	97
69) o-Xylene	12.166	106	55307	9.684	ug/l	98
70) Styrene	12.178	104	93933	9.660	ug/l	99
71) Bromoform	12.349	173	13549	8.759	ug/l #	97
73) Isopropylbenzene	12.458	105	147152	9.698	ug/l	100
74) N-amyl acetate	12.269	43	35992	8.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	29777	9.245	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	37743	15.764	ug/l #	100
77) Bromobenzene	12.739	156	31681	9.650	ug/l	98
78) n-propylbenzene	12.800	91	180937	9.709	ug/l	98
79) 2-Chlorotoluene	12.891	91	108108	9.716	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	122504	9.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	8950	8.558	ug/l	94
82) 4-Chlorotoluene	12.983	91	117523	10.068	ug/l	98
83) tert-Butylbenzene	13.202	119	104397	9.630	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	127309	9.883	ug/l	100
85) sec-Butylbenzene	13.379	105	160534	9.861	ug/l	100
86) p-Isopropyltoluene	13.495	119	131018	9.737	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	66474	9.727	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	66689	9.961	ug/l	97
89) n-Butylbenzene	13.818	91	125846	9.534	ug/l	99
90) Hexachloroethane	14.086	117	21002	9.026	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	59263	9.785	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5072	8.716	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	33290	9.114	ug/l	99
94) Hexachlorobutadiene	15.226	225	16064	9.281	ug/l	93
95) Naphthalene	15.360	128	78956	8.792	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	31394	9.486	ug/l	92

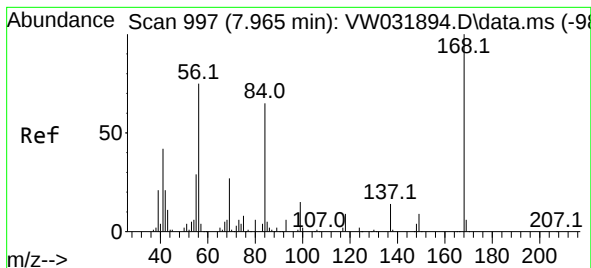
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031892.D

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Instrument :

MSVOA_W

ClientSampleId :

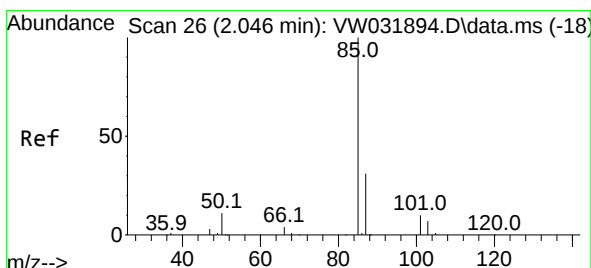
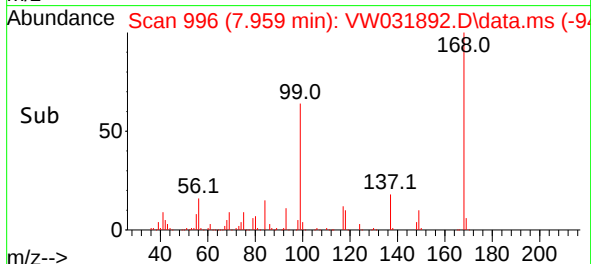
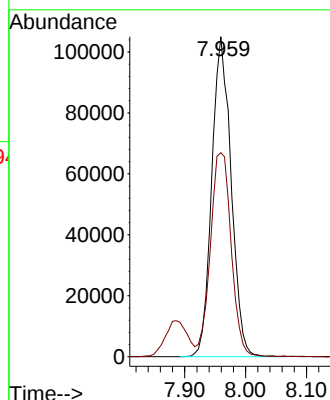
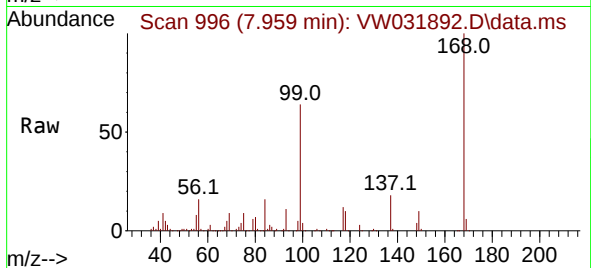
VSTDICC010

Tgt Ion:168 Resp: 231127

Ion Ratio Lower Upper

168 100

99 63.6 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 9.791 ug/l

RT: 2.052 min Scan# 27

Delta R.T. 0.006 min

Lab File: VW031892.D

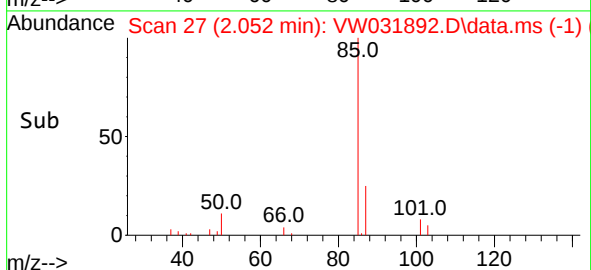
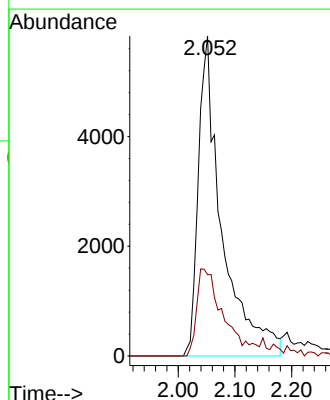
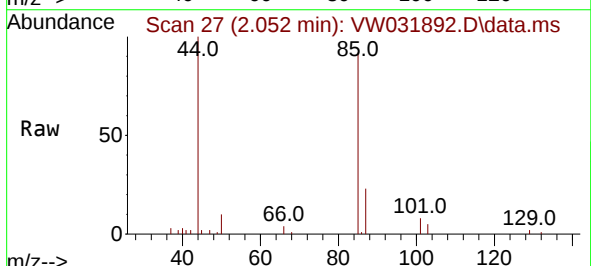
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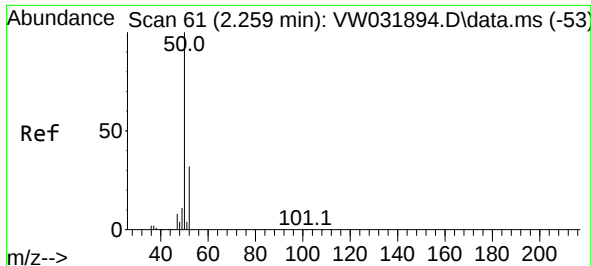
Tgt Ion: 85 Resp: 16819

Ion Ratio Lower Upper

85 100

87 25.4 15.5 46.5

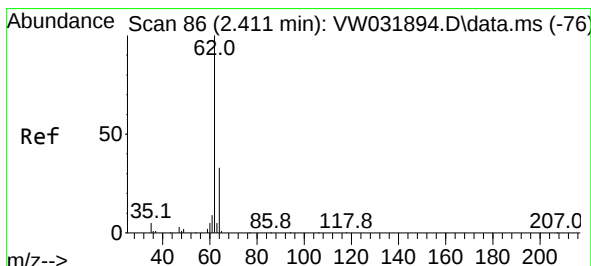
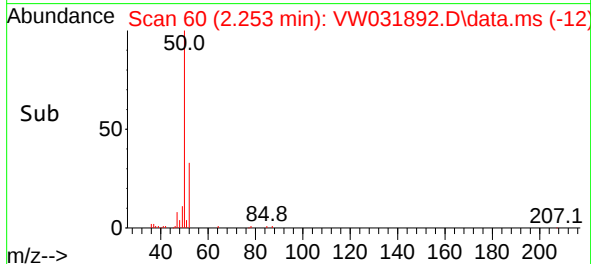
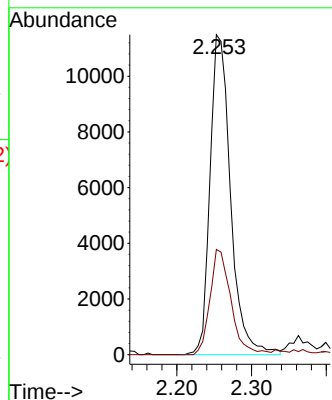
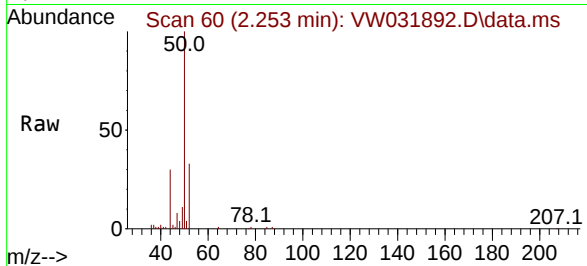




#3
Chloromethane
Concen: 9.951 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031892.D
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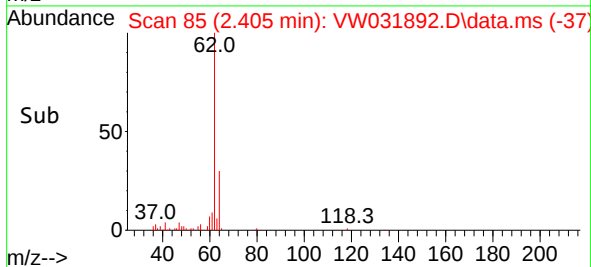
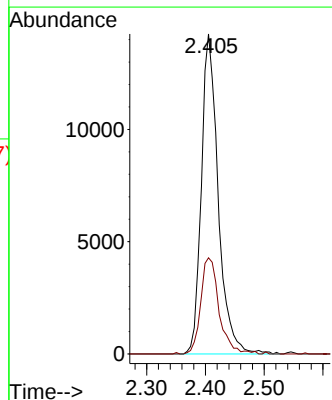
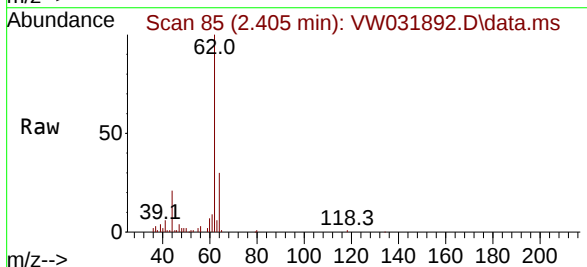
Instrument :
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ClientSampleId :
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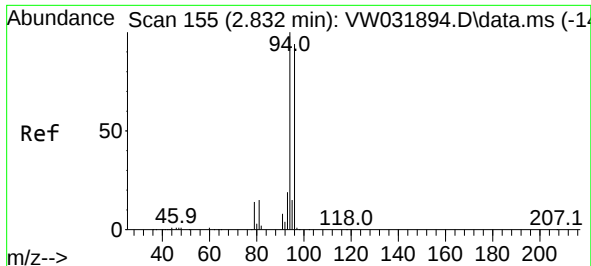
Tgt Ion: 50 Resp: 21940
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 9.924 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 62 Resp: 28422
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2

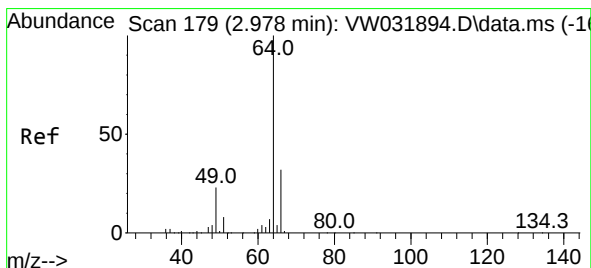
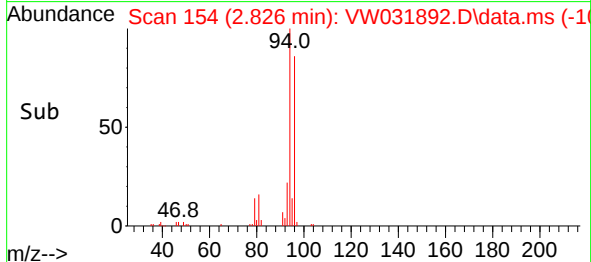
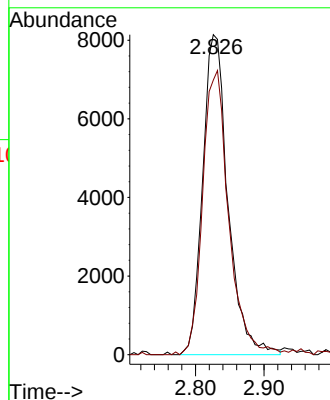
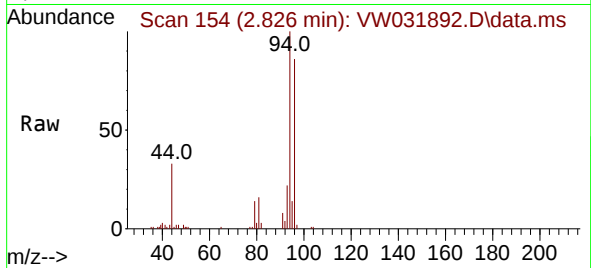




#5
Bromomethane
Concen: 9.946 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

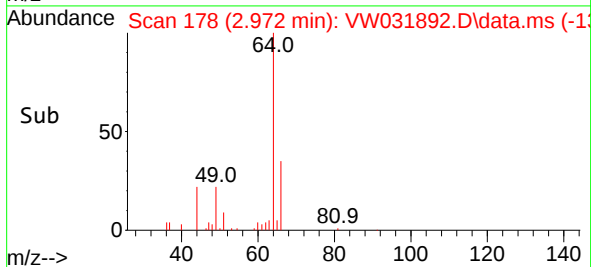
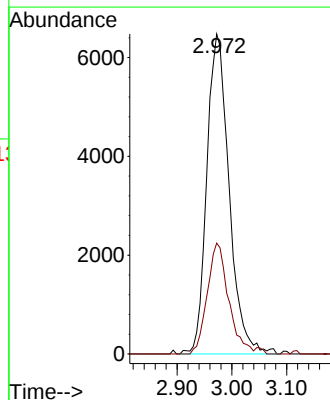
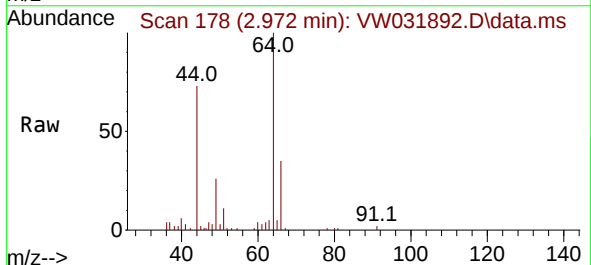
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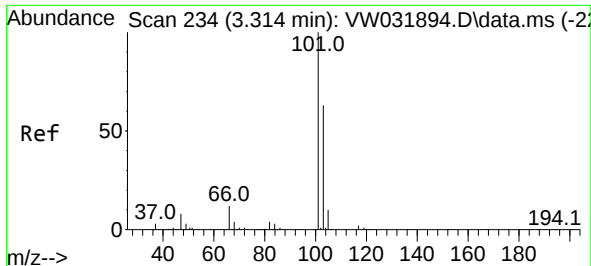
Tgt Ion: 94 Resp: 20976
Ion Ratio Lower Upper
94 100
96 85.8 75.0 112.6



#6
Chloroethane
Concen: 9.672 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 64 Resp: 18282
Ion Ratio Lower Upper
64 100
66 34.6 25.6 38.4

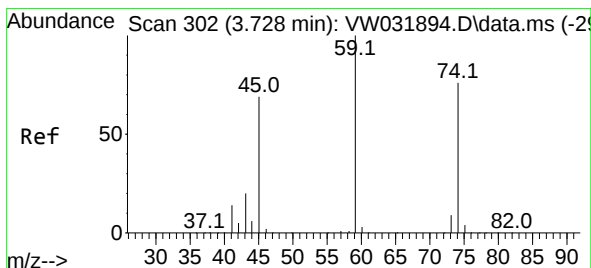
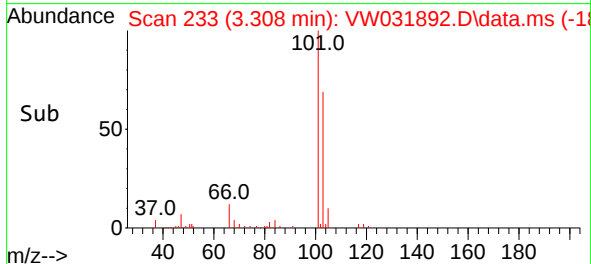
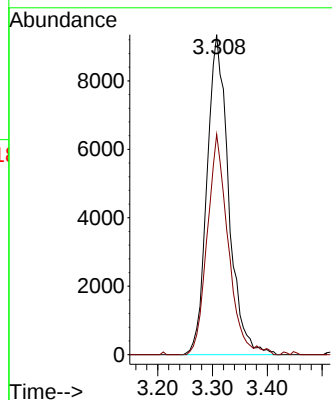
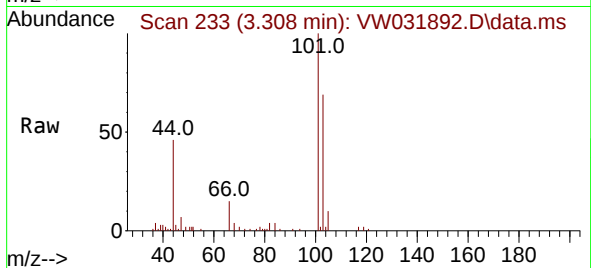




#7
 Trichlorofluoromethane
 Concen: 8.801 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031892.D
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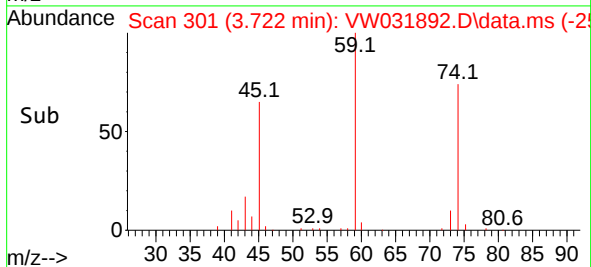
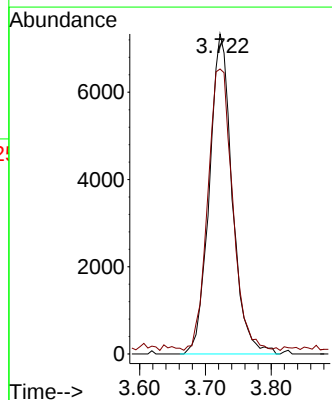
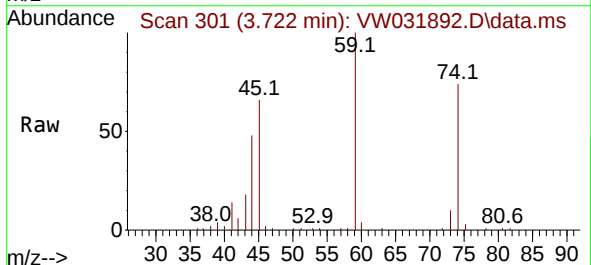
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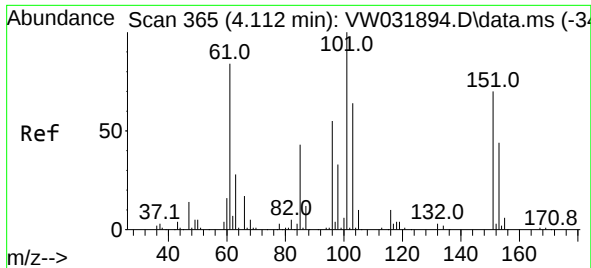
Tgt Ion:101 Resp: 25531
 Ion Ratio Lower Upper
 101 100
 103 68.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 9.148 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031892.D
 Acq: 22 Jul 2025 09:37

Tgt Ion: 74 Resp: 17727
 Ion Ratio Lower Upper
 74 100
 45 95.5 45.5 136.5

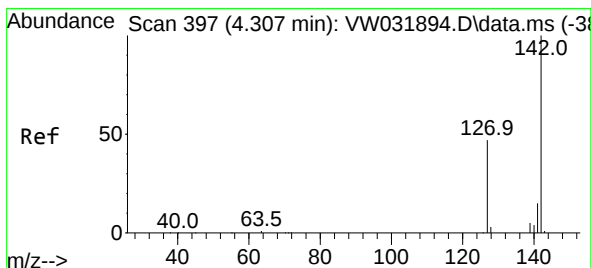
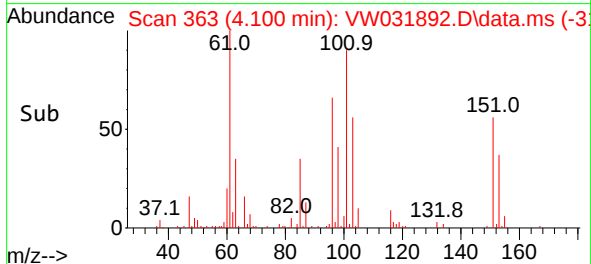
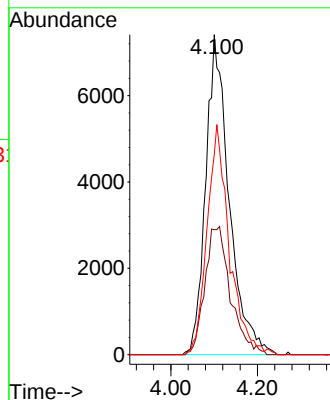
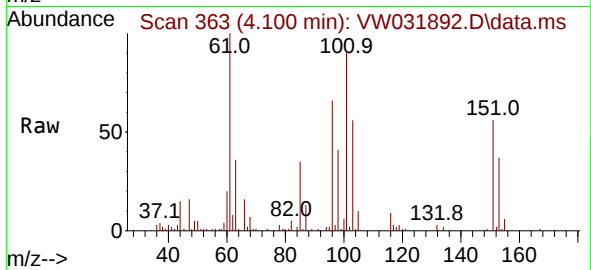




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.986 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.012 min
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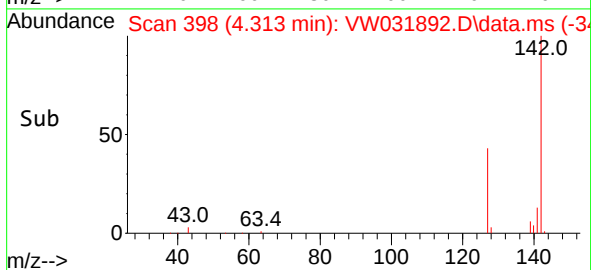
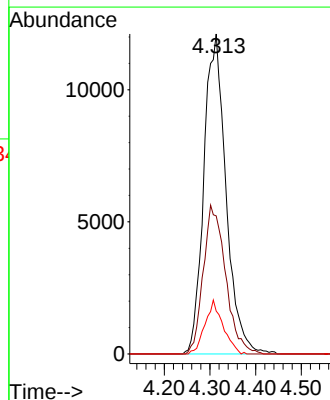
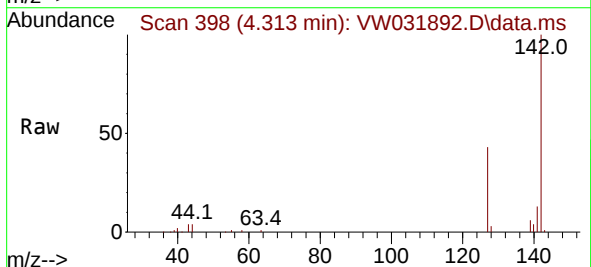
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

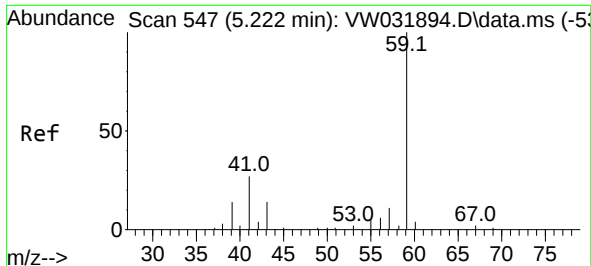
Tgt Ion:101	Resp:	27862
Ion	Ratio	Lower Upper
101	100	
85	43.8	35.5 53.3
151	68.4	54.6 81.8



#10
Methyl Iodide
Concen: 9.760 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:142	Resp:	40718
Ion	Ratio	Lower Upper
142	100	
127	46.9	37.4 56.2
141	13.8	11.9 17.9

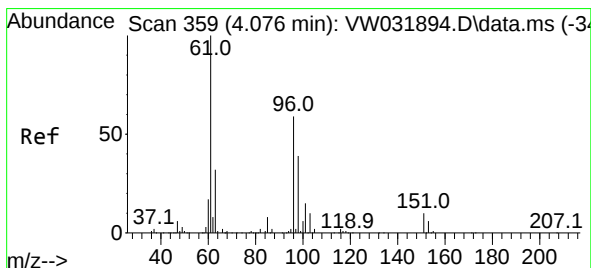
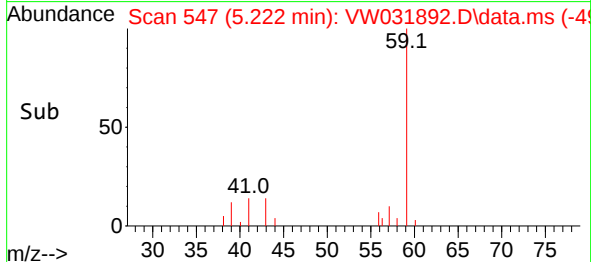
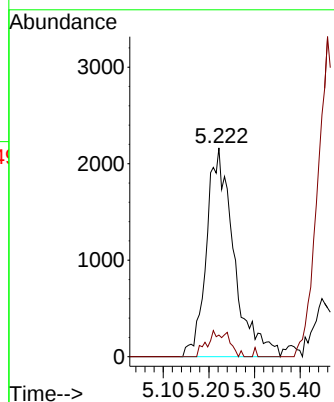
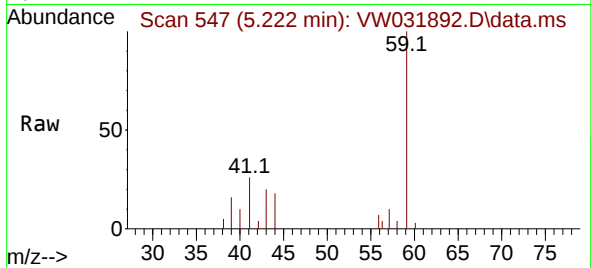




#11
Tert butyl alcohol
Concen: 44.010 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

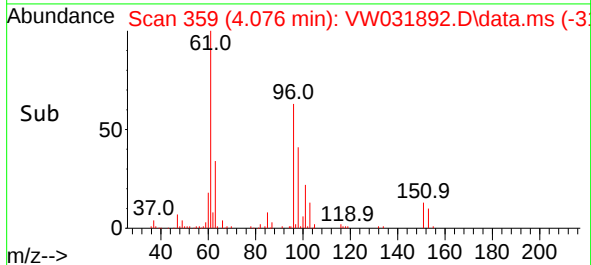
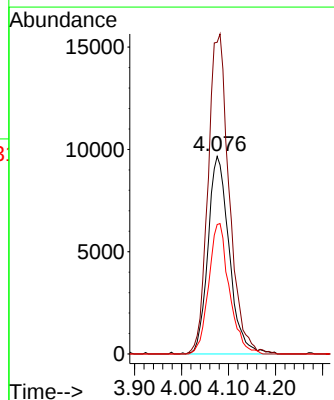
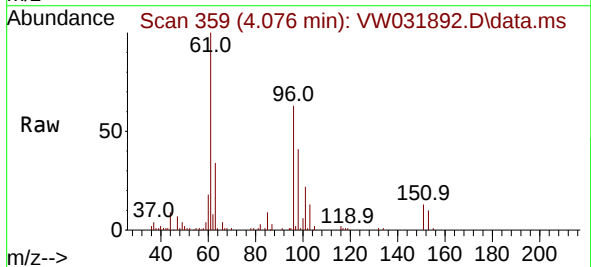
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tgt Ion: 59 Resp: 9045
Ion Ratio Lower Upper
59 100
57 6.2 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 9.837 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 96 Resp: 30316
Ion Ratio Lower Upper
96 100
61 157.7 135.0 202.6
98 65.5 52.3 78.5

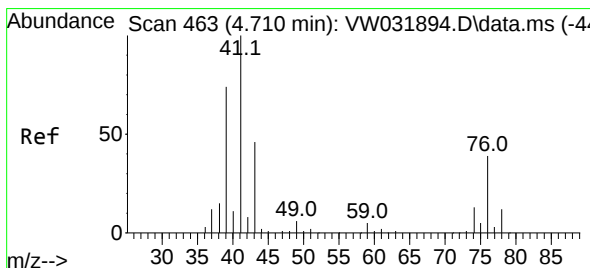
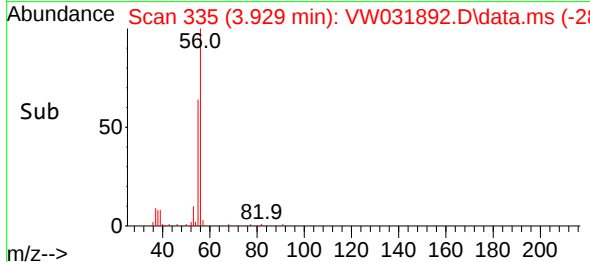
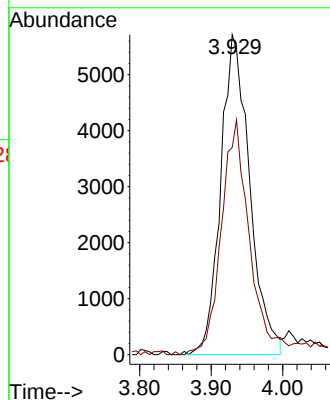
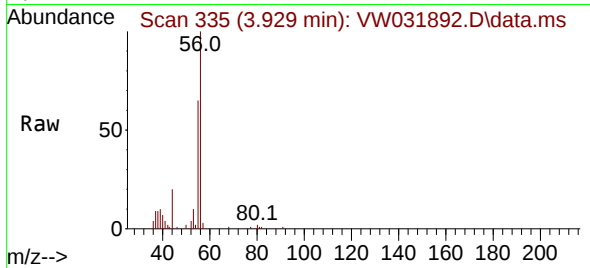




#13
Acrolein
Concen: 48.430 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

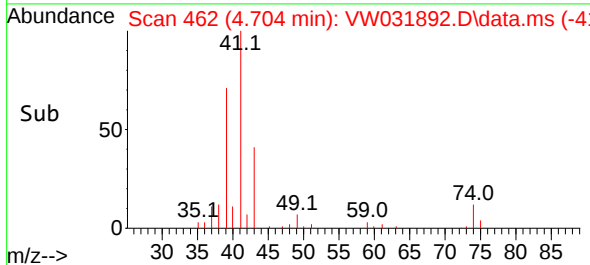
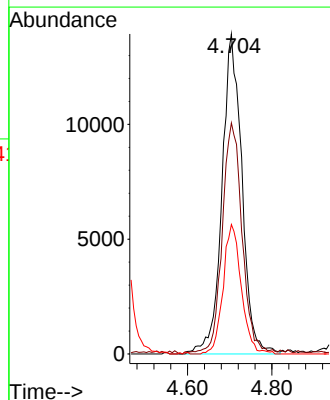
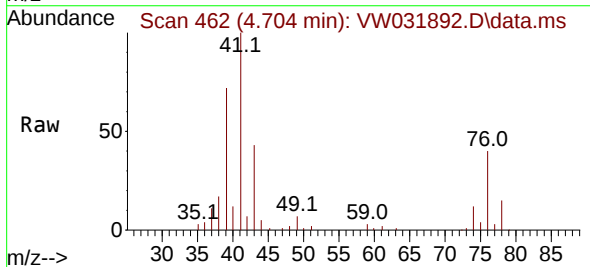
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

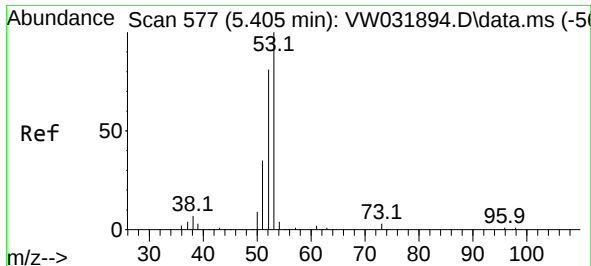
Tgt Ion: 56 Resp: 16101
Ion Ratio Lower Upper
56 100
55 71.0 56.7 85.1



#14
Allyl chloride
Concen: 9.525 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 41 Resp: 45698
Ion Ratio Lower Upper
41 100
39 72.2 56.6 85.0
76 37.0 30.1 45.1

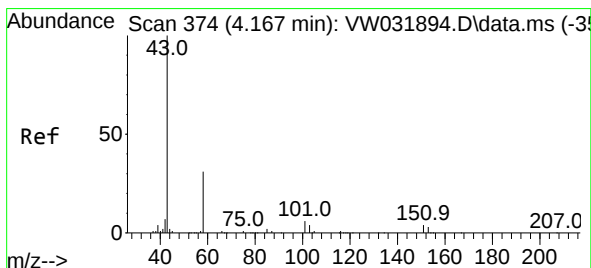
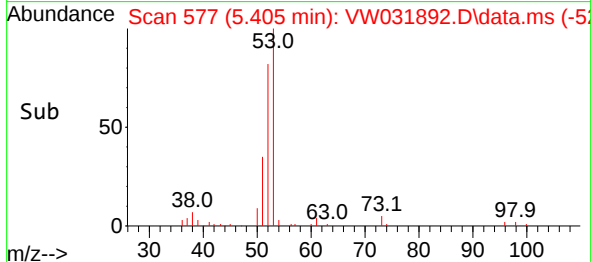
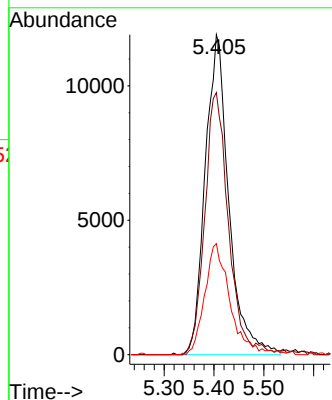
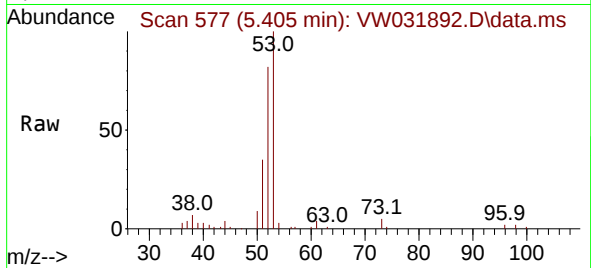




#15
Acrylonitrile
Concen: 45.235 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

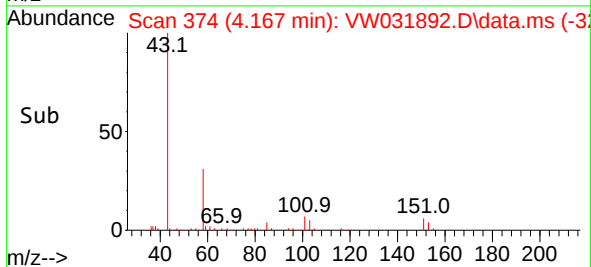
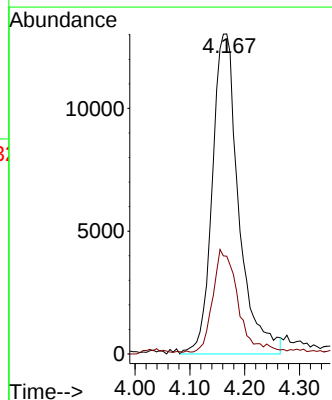
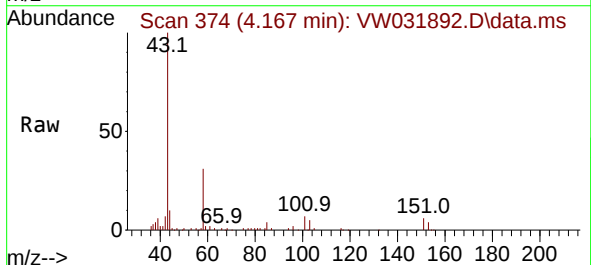
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

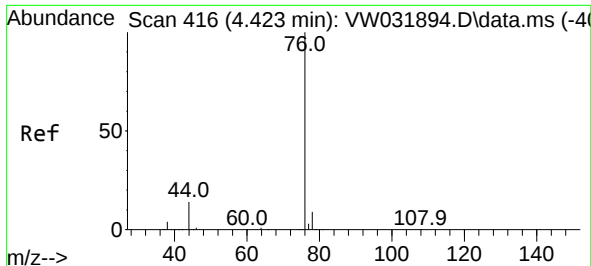
Tgt Ion:	53	Resp:	39188
Ion	Ratio	Lower	Upper
53	100		
52	80.2	67.0	100.4
51	37.3	29.9	44.9



#16
Acetone
Concen: 52.659 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:	43	Resp:	43690
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.5	38.3

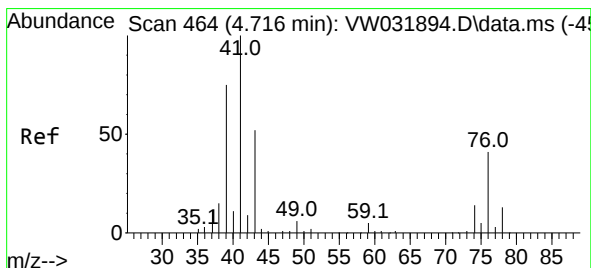
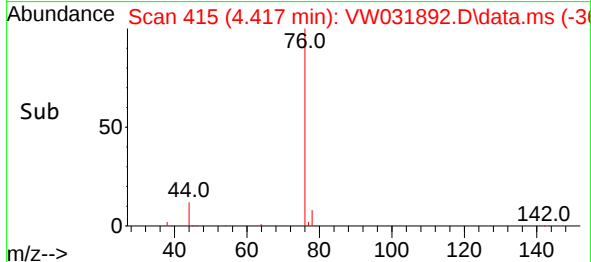
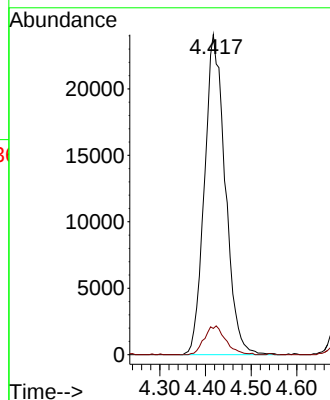
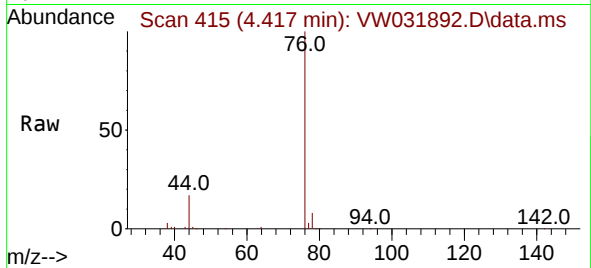




#17
Carbon Disulfide
Concen: 9.499 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

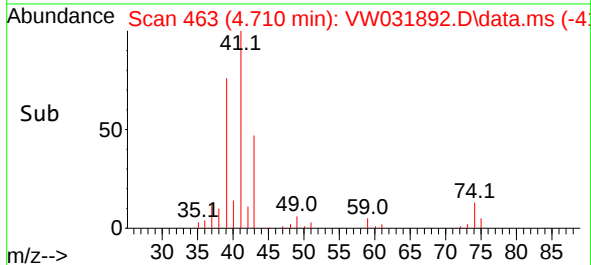
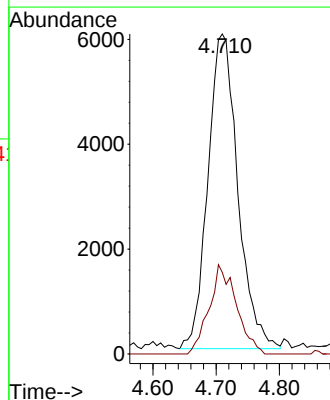
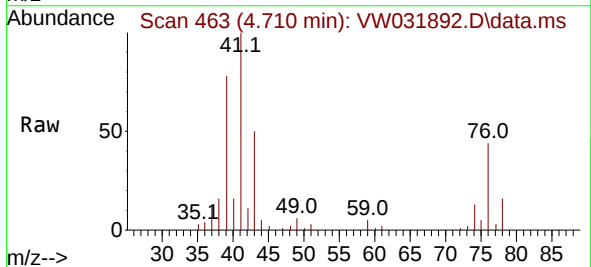
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

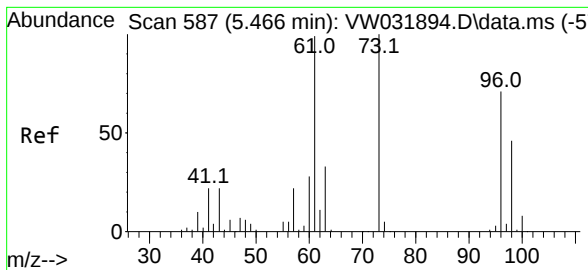
Tgt Ion: 76 Resp: 75927
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 8.625 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 43 Resp: 19716
Ion Ratio Lower Upper
43 100
74 25.9 20.6 31.0

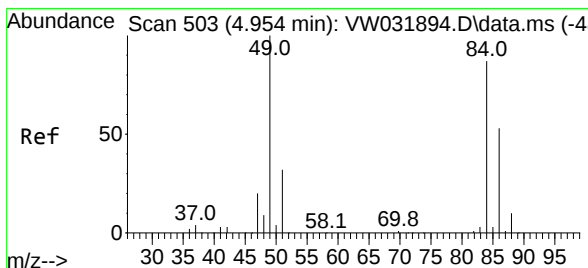
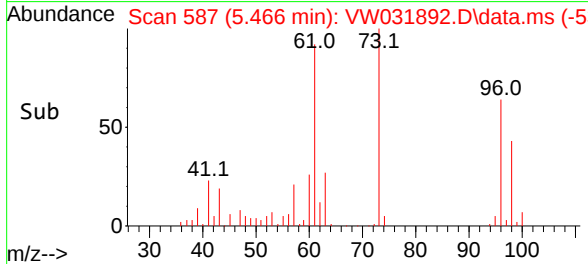
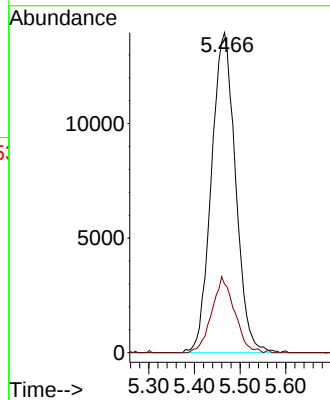
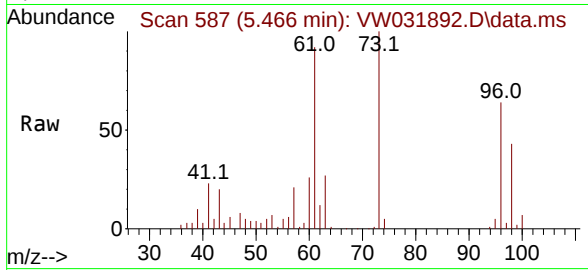




#19
Methyl tert-butyl Ether
Concen: 9.632 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

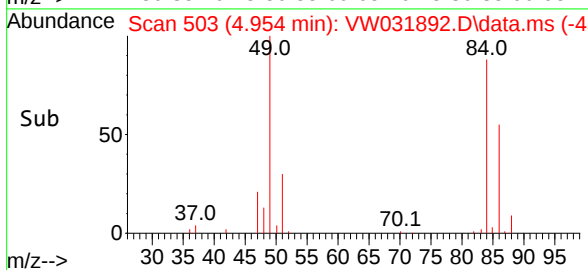
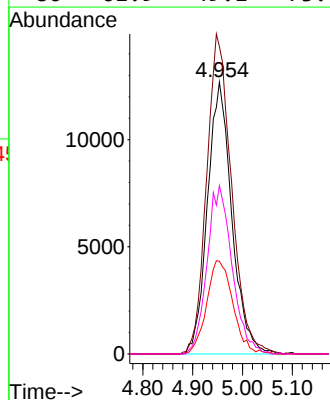
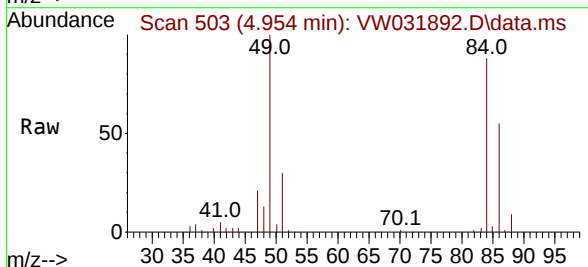
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

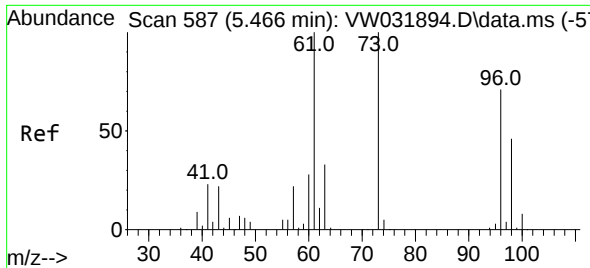
Tgt Ion: 73 Resp: 51288
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 8.241 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 84 Resp: 43038
Ion Ratio Lower Upper
84 100
49 113.0 91.9 137.9
51 34.1 29.0 43.6
86 61.9 49.1 73.7

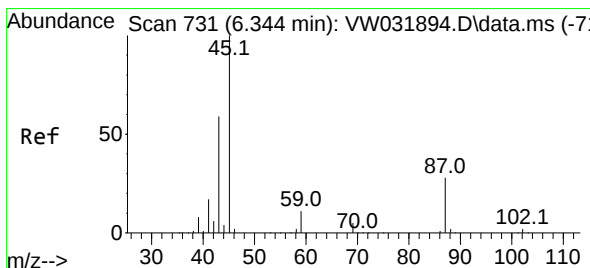
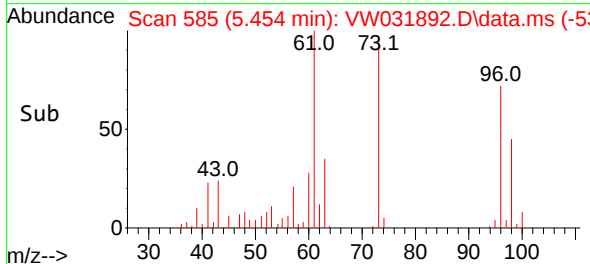
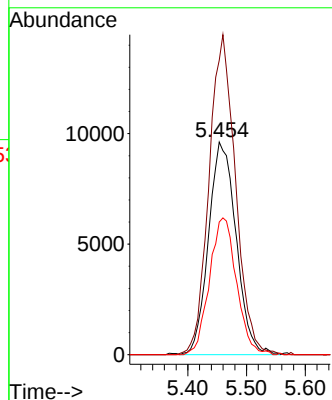
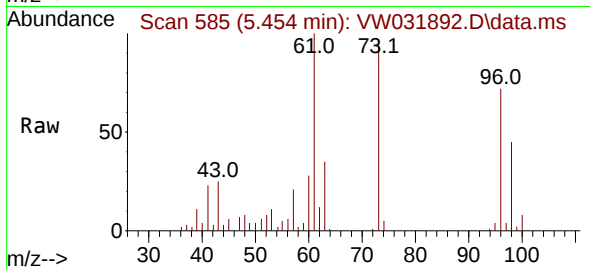




#21
trans-1,2-Dichloroethene
Concen: 9.600 ug/l
RT: 5.454 min Scan# 585
Delta R.T. -0.012 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

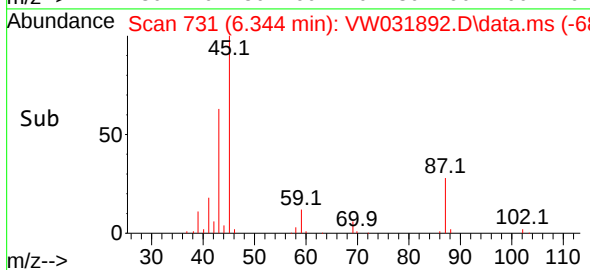
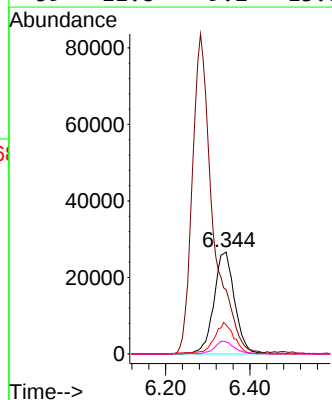
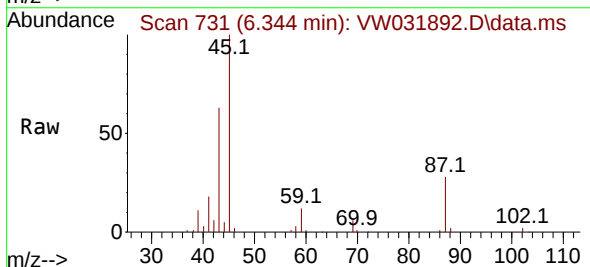
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

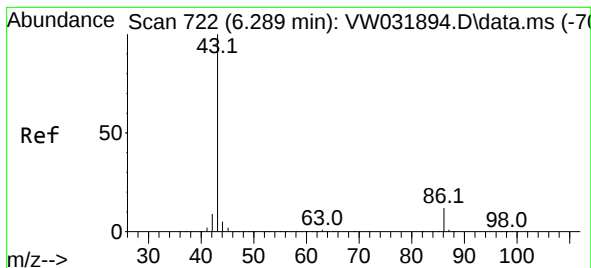
Tgt Ion: 96 Resp: 31392
Ion Ratio Lower Upper
96 100
61 137.8 112.8 169.2
98 62.4 51.9 77.9



#22
Diisopropyl ether
Concen: 9.453 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 45 Resp: 90747
Ion Ratio Lower Upper
45 100
43 60.7 47.0 70.6
87 28.4 22.8 34.2
59 11.8 9.2 13.8





#23

Vinyl Acetate

Concen: 45.312 ug/l

RT: 6.283 min Scan# 715

Delta R.T. -0.006 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

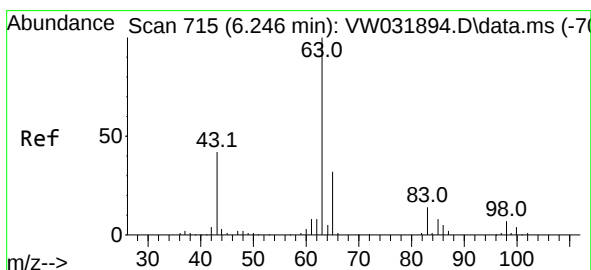
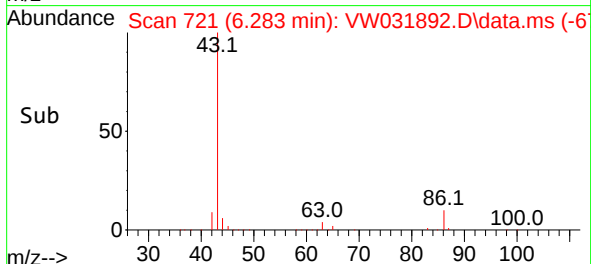
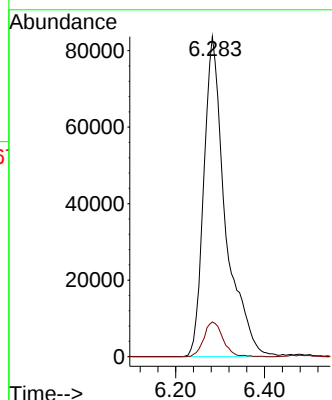
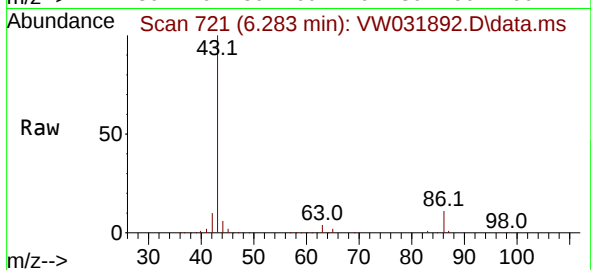
VSTDICC010

Tgt Ion: 43 Resp: 284185

Ion Ratio Lower Upper

43 100

86 10.8 9.4 14.2



#24

1,1-Dichloroethane

Concen: 9.760 ug/l

RT: 6.246 min Scan# 715

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

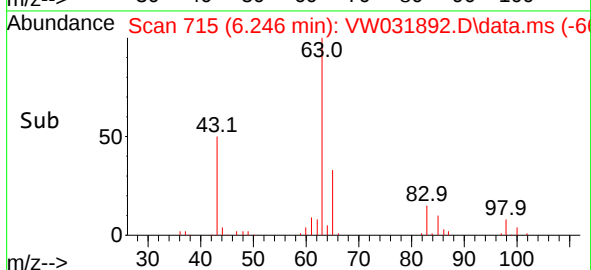
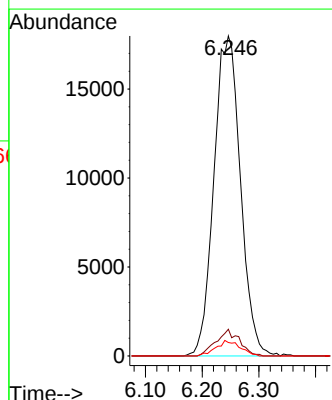
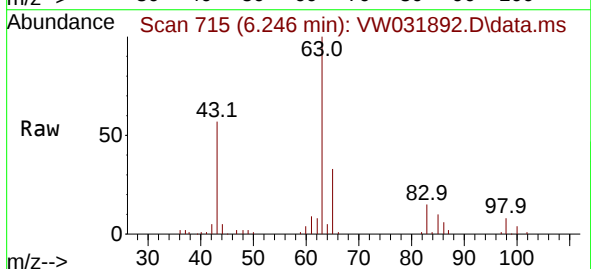
Tgt Ion: 63 Resp: 58334

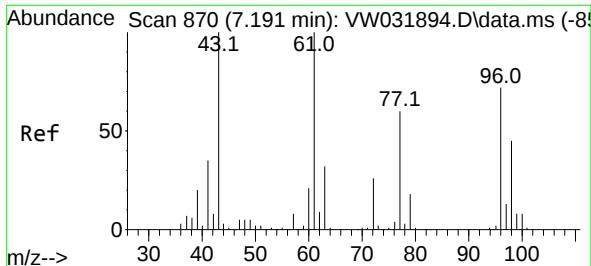
Ion Ratio Lower Upper

63 100

98 8.3 3.6 10.9

100 4.2 2.2 6.6

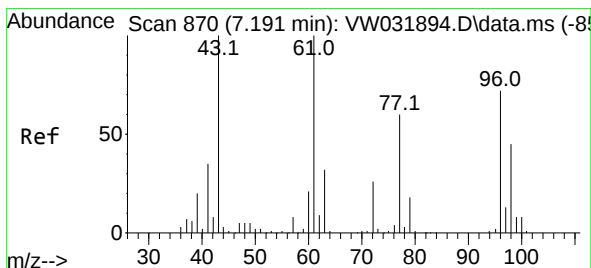
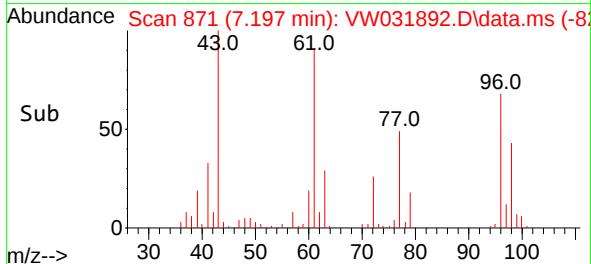
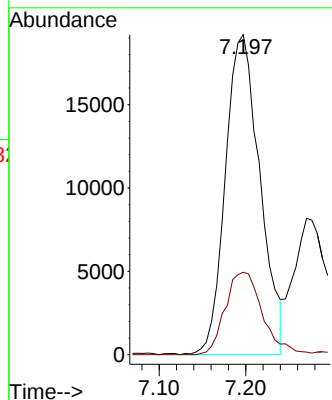
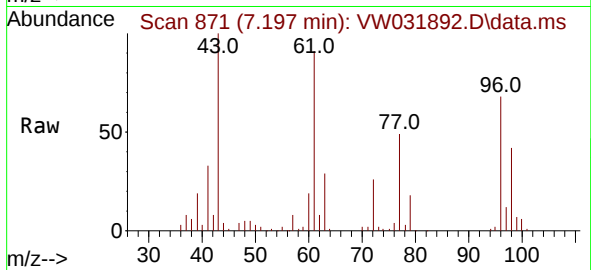




#25
2-Butanone
Concen: 46.984 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

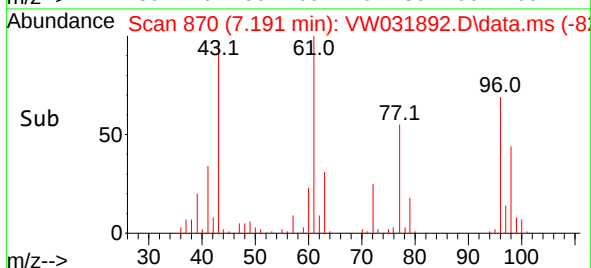
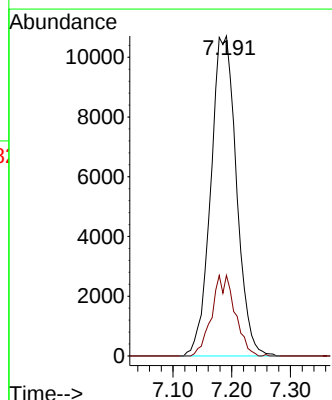
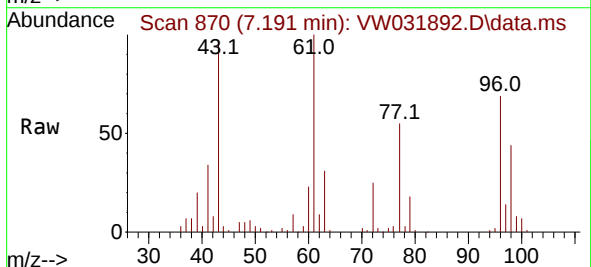
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

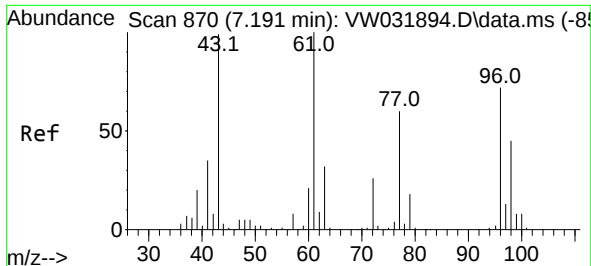
Tgt Ion: 43 Resp: 53335
Ion Ratio Lower Upper
43 100
72 25.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 9.611 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 77 Resp: 32523
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 9.485 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

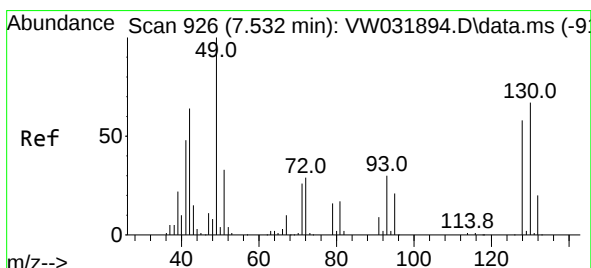
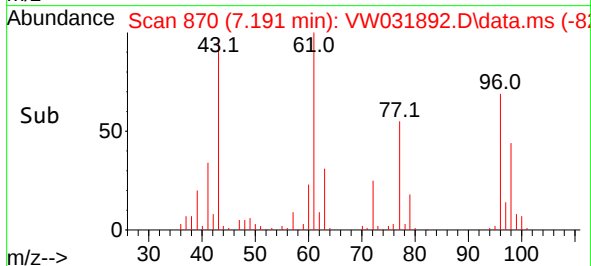
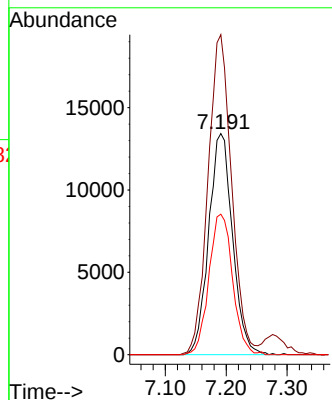
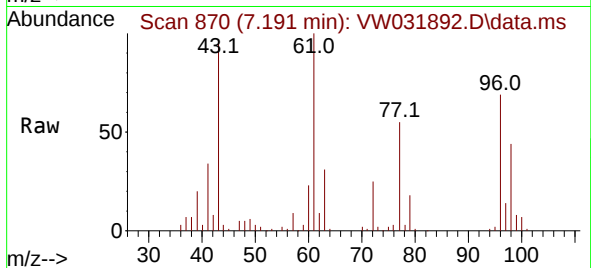
Tgt Ion: 96 Resp: 36460

Ion Ratio Lower Upper

96 100

61 143.8 0.0 280.2

98 63.2 0.0 126.8



#28

Bromochloromethane

Concen: 9.597 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

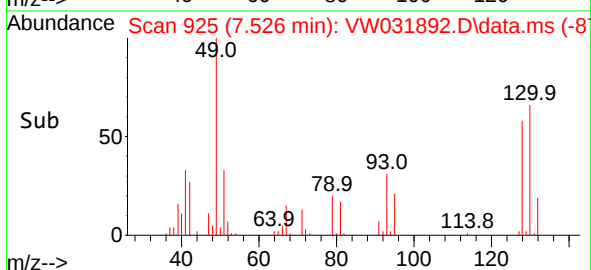
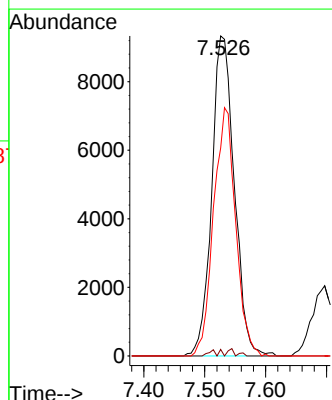
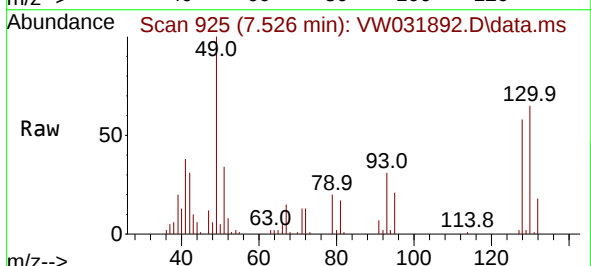
Tgt Ion: 49 Resp: 24018

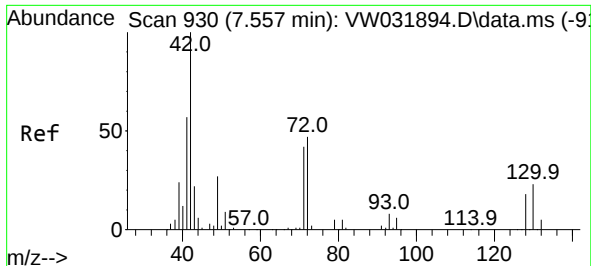
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.4

130 75.8 59.0 88.4





#29

Tetrahydrofuran

Concen: 44.500 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

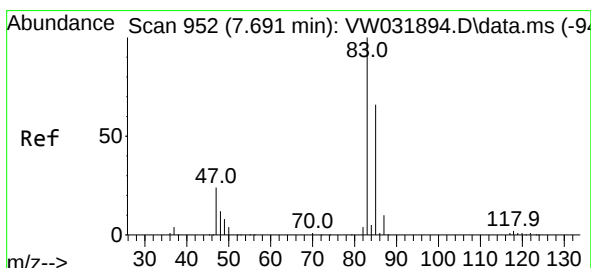
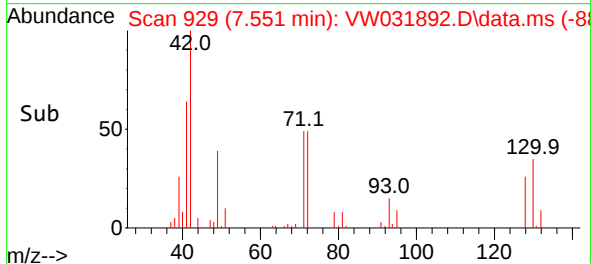
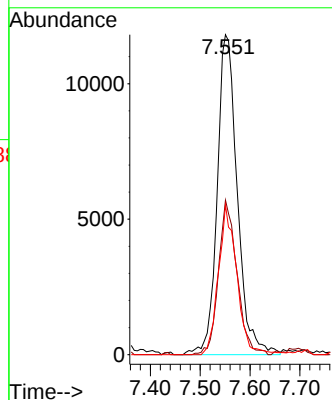
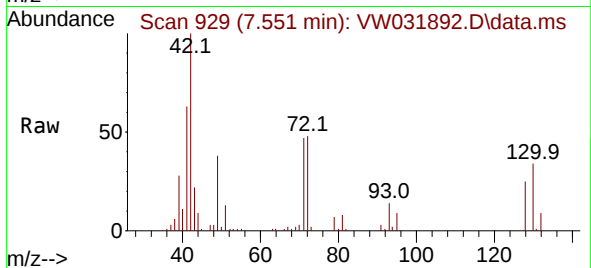
Tgt Ion: 42 Resp: 33119

Ion Ratio Lower Upper

42 100

72 44.4 37.0 55.6

71 43.0 34.5 51.7



#30

Chloroform

Concen: 9.854 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031892.D

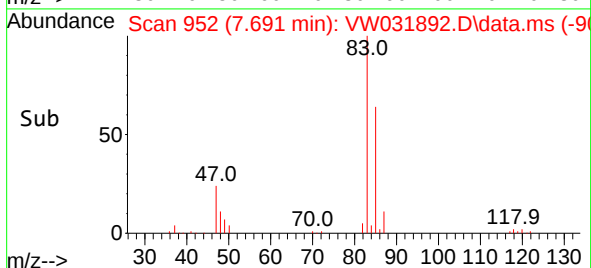
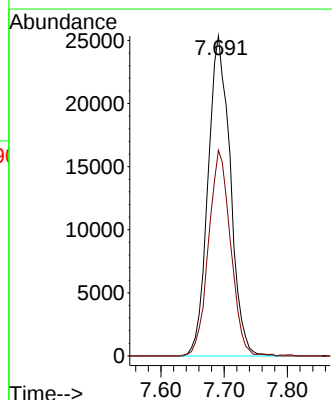
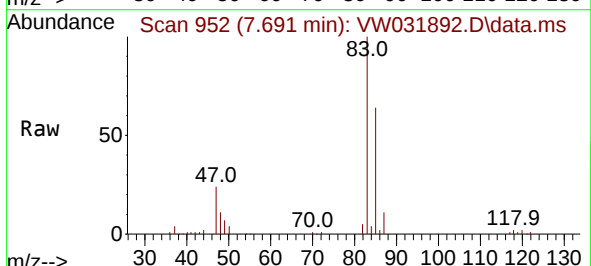
Acq: 22 Jul 2025 09:37

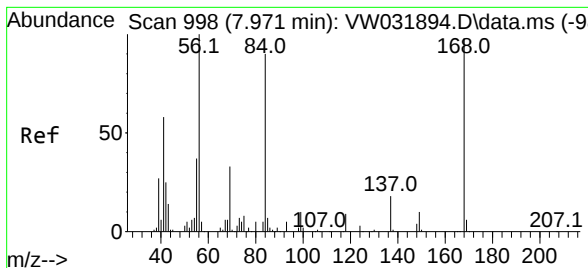
Tgt Ion: 83 Resp: 61757

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8

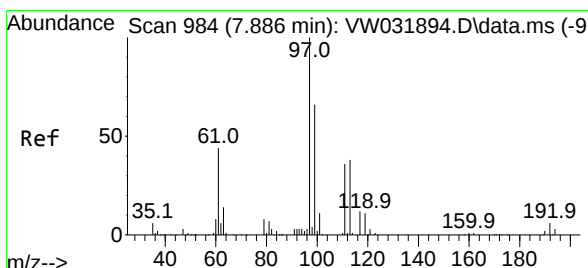
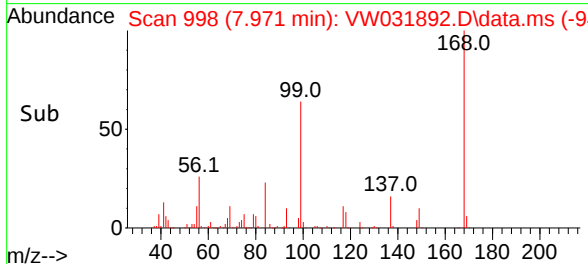
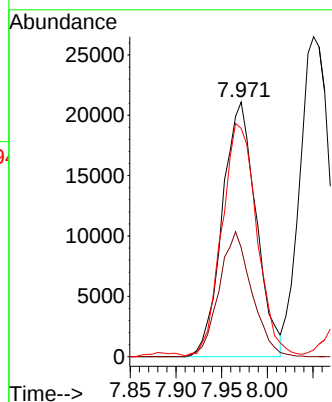
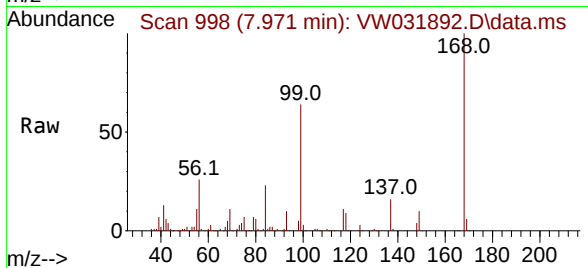




#31
Cyclohexane
Concen: 10.133 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

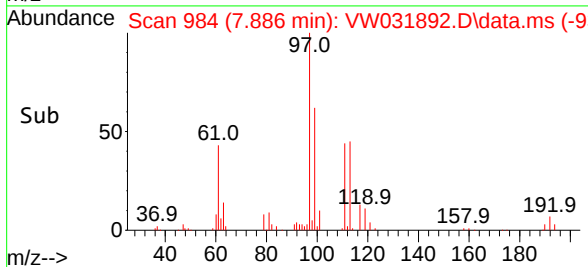
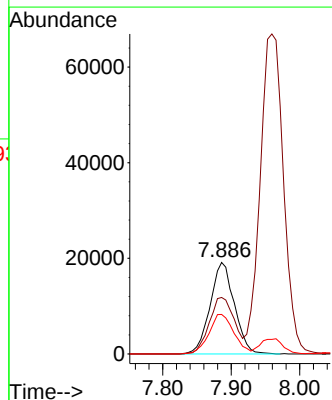
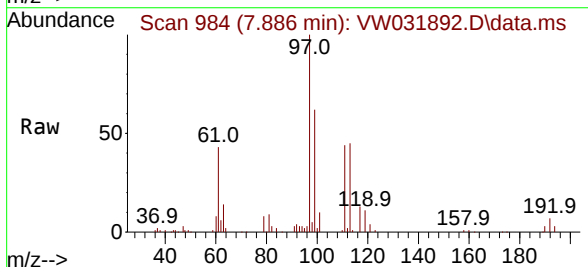
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

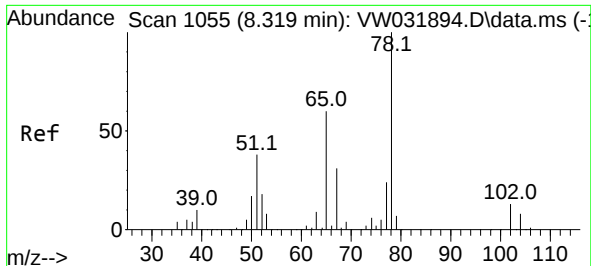
Tgt Ion: 56 Resp: 54338
Ion Ratio Lower Upper
56 100
69 42.8 26.7 40.1#
84 88.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 9.853 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 97 Resp: 46989
Ion Ratio Lower Upper
97 100
99 64.1 53.0 79.4
61 44.5 35.4 53.0

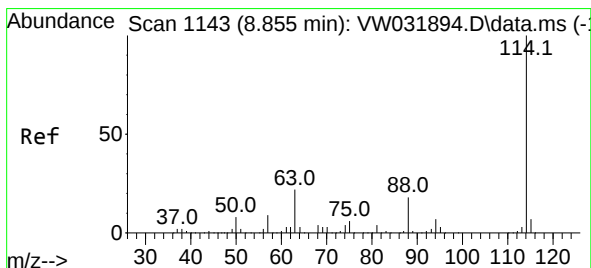
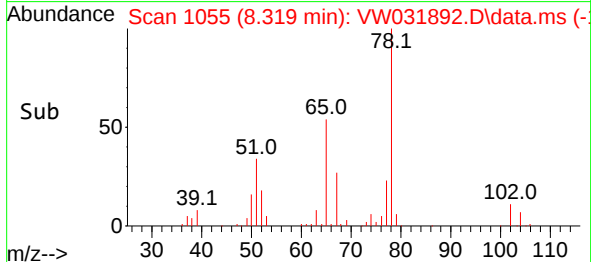
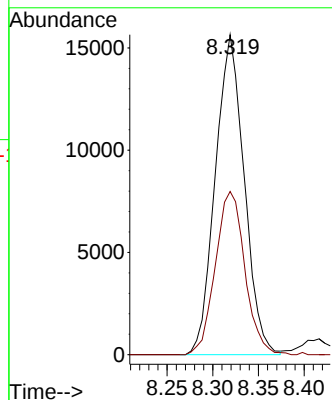
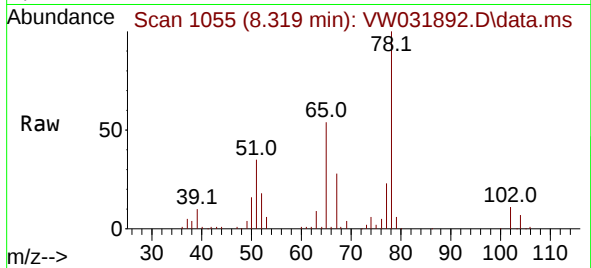




#33
 1,2-Dichloroethane-d4
 Concen: 9.843 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031892.D
 Acq: 22 Jul 2025 09:37

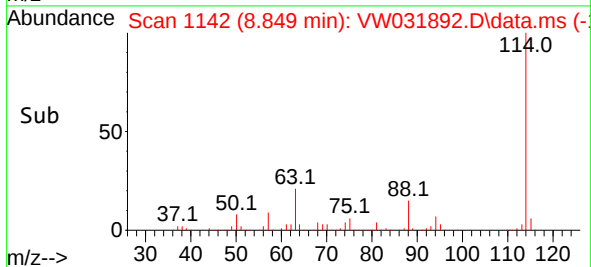
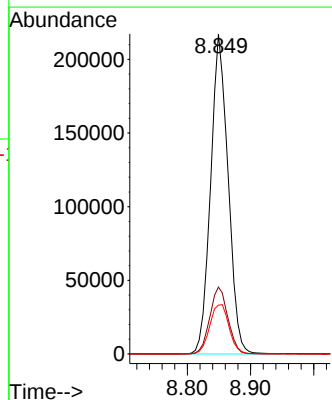
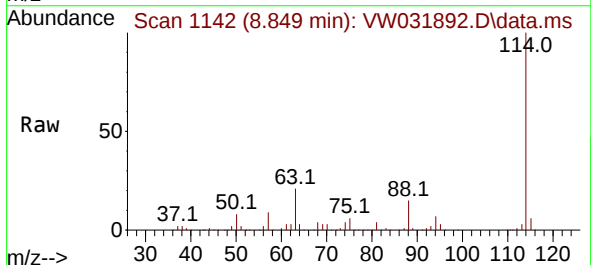
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

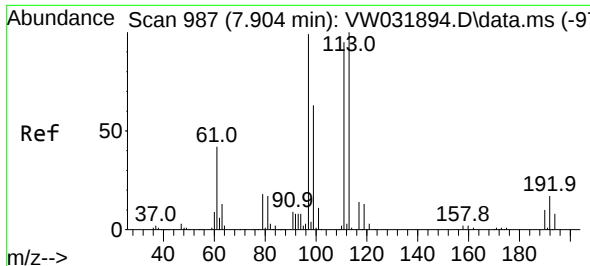
Tgt Ion: 65 Resp: 34413
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031892.D
 Acq: 22 Jul 2025 09:37

Tgt Ion: 114 Resp: 416059
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 15.2 0.0 35.6

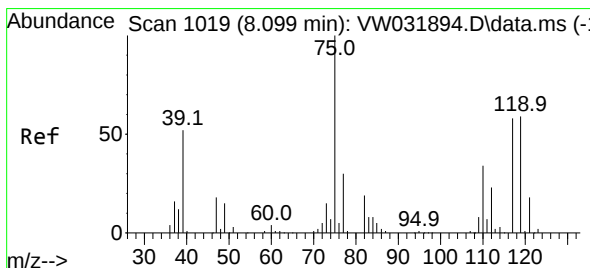
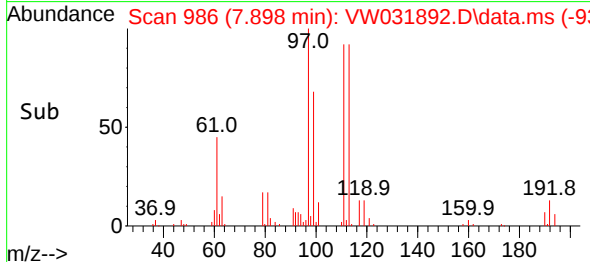
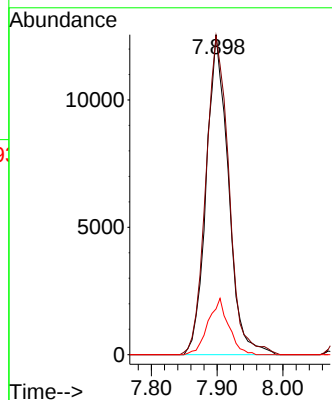
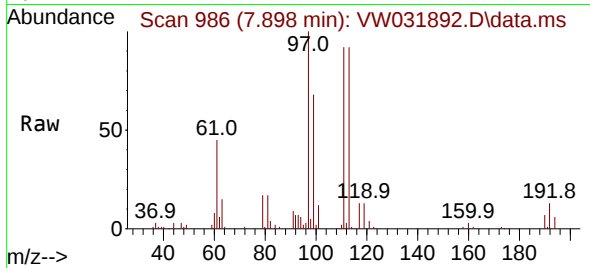




#35
 Dibromofluoromethane
 Concen: 10.391 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031892.D
 Acq: 22 Jul 2025 09:37

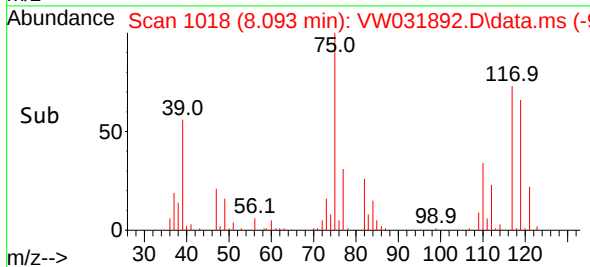
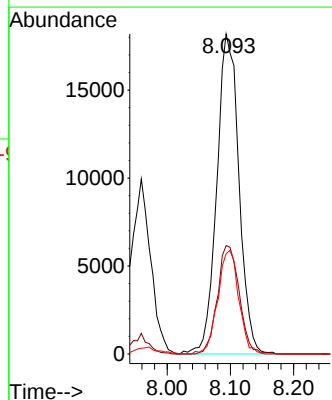
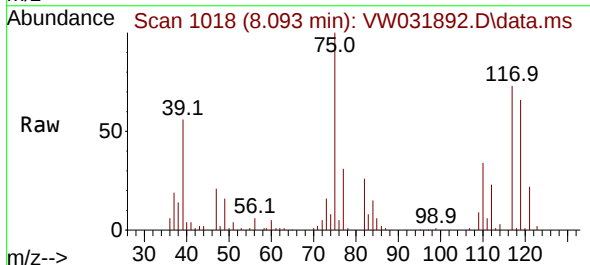
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

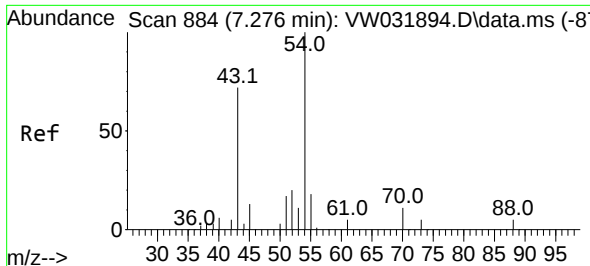
Tgt Ion:113 Resp: 29377
 Ion Ratio Lower Upper
 113 100
 111 104.3 79.9 119.9
 192 16.4 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 10.184 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031892.D
 Acq: 22 Jul 2025 09:37

Tgt Ion: 75 Resp: 44218
 Ion Ratio Lower Upper
 75 100
 110 33.2 17.0 50.9
 77 30.7 25.1 37.7

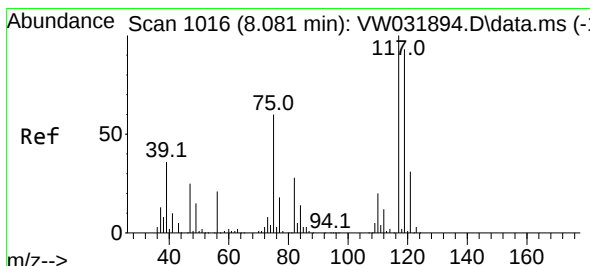
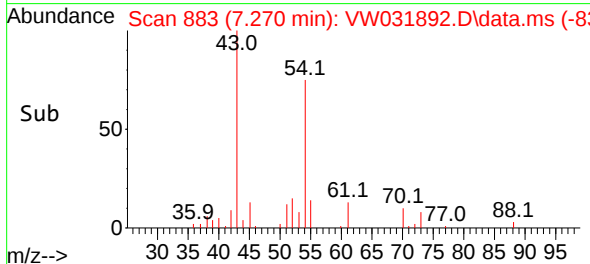
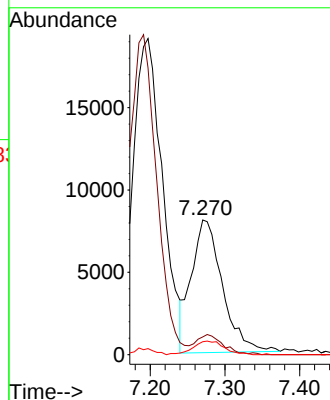
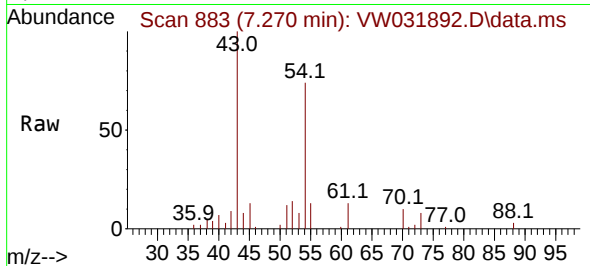




#37
Ethyl Acetate
Concen: 9.405 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

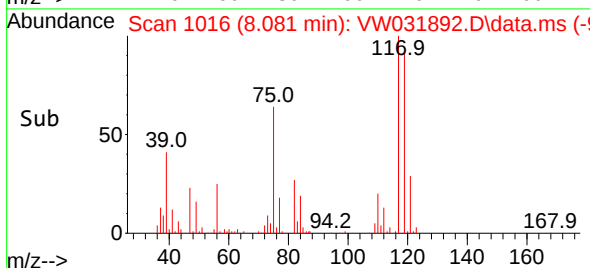
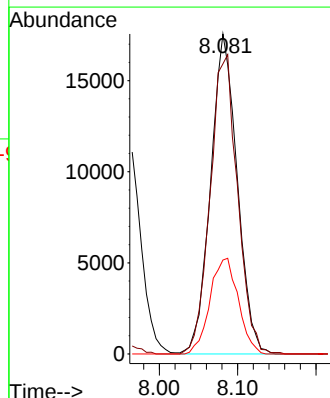
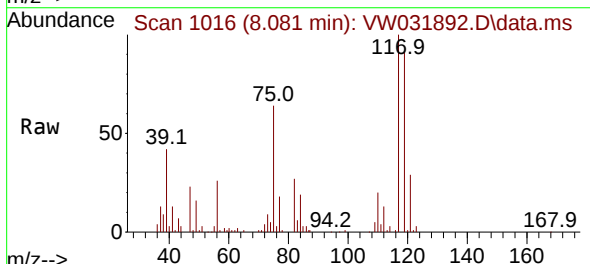
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

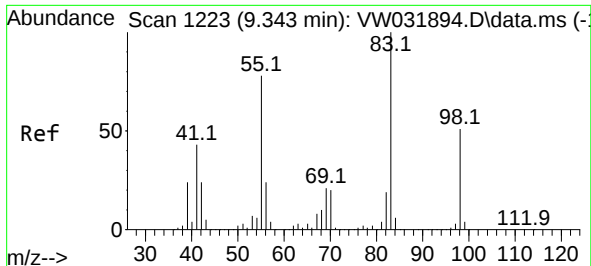
Tgt Ion: 43 Resp: 23295
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 10.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 9.943 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 117 Resp: 41429
Ion Ratio Lower Upper
117 100
119 90.7 74.3 111.5
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 9.785 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

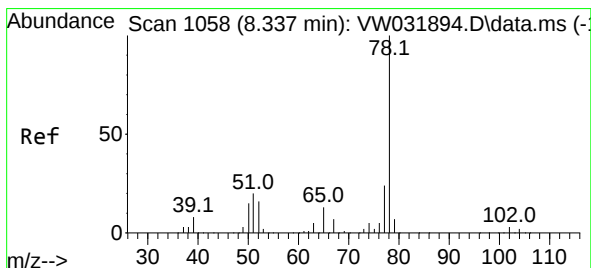
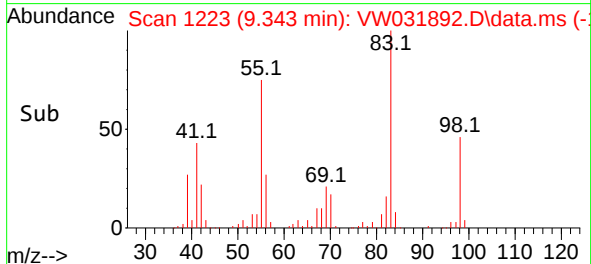
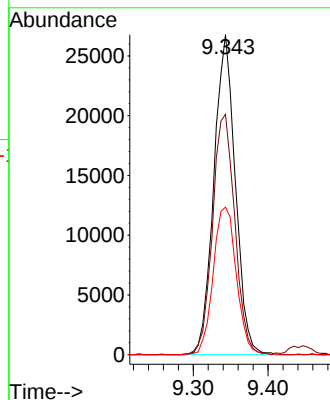
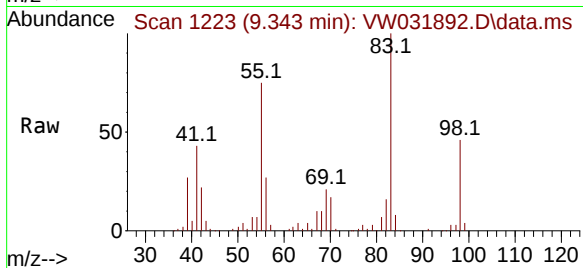
Tgt Ion: 83 Resp: 53466

Ion Ratio Lower Upper

83 100

55 75.1 62.5 93.7

98 46.1 40.6 61.0



#40

Benzene

Concen: 9.969 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031892.D

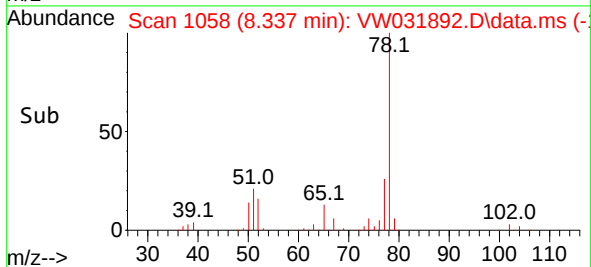
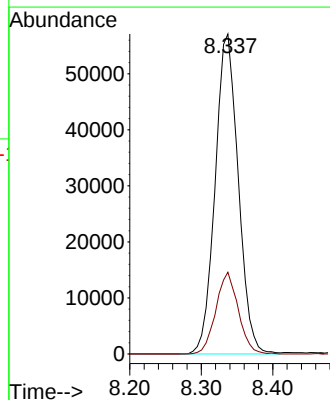
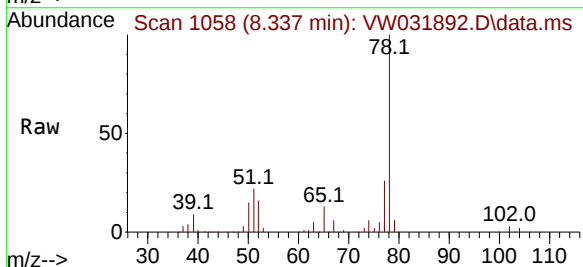
Acq: 22 Jul 2025 09:37

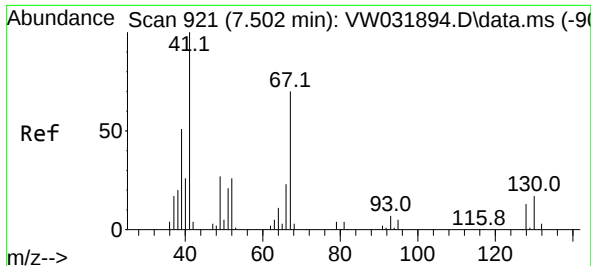
Tgt Ion: 78 Resp: 128121

Ion Ratio Lower Upper

78 100

77 25.6 19.3 28.9

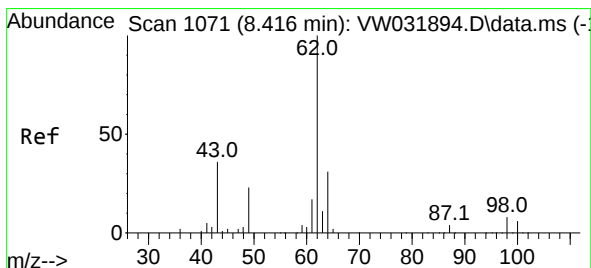
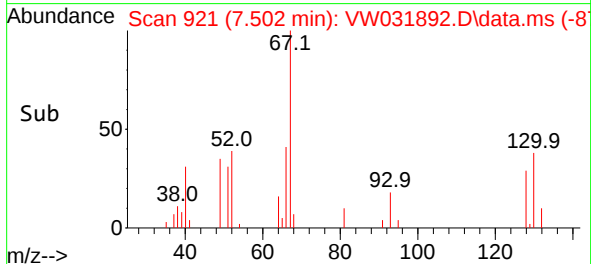
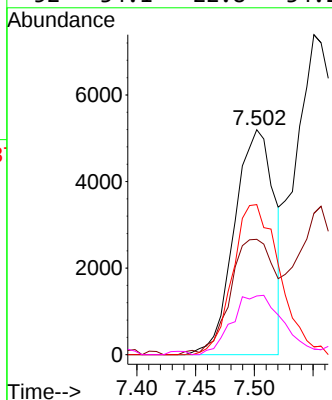
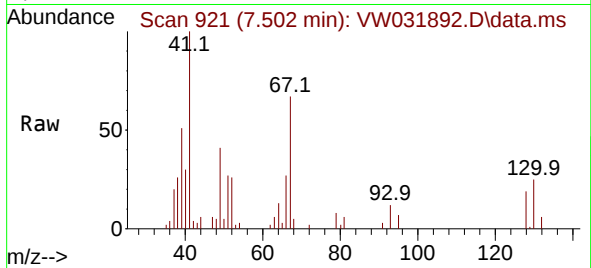




#41
Methacrylonitrile
Concen: 8.385 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

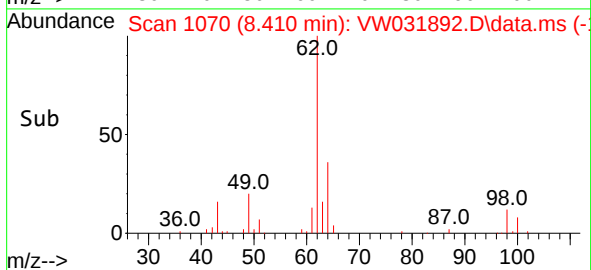
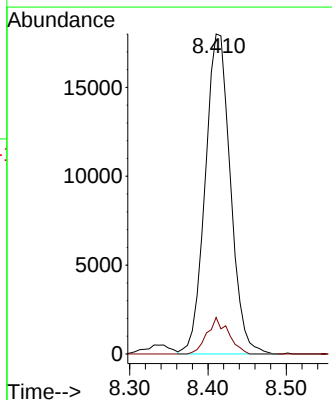
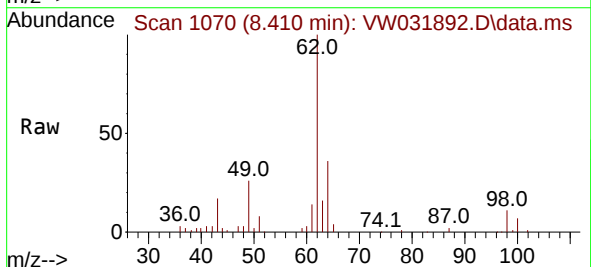
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

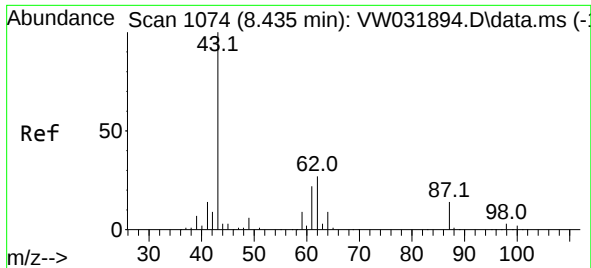
Tgt Ion:	41	Resp:	12233
Ion	Ratio	Lower	Upper
41	100		
39	56.6	41.1	61.7
67	78.5	56.2	84.4
52	34.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 9.785 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:	62	Resp:	40250
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2

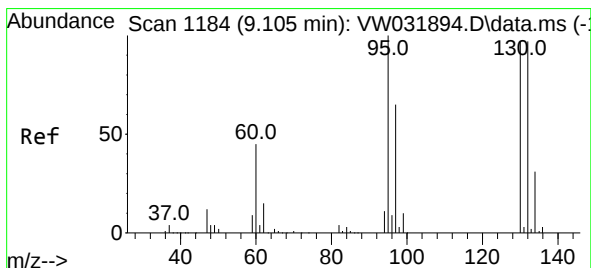
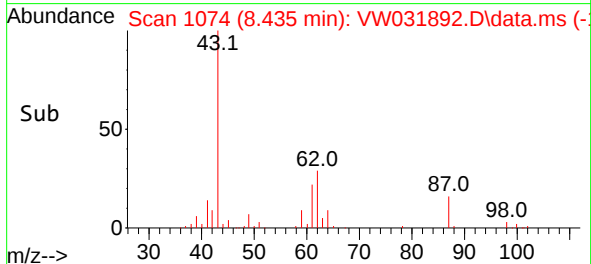
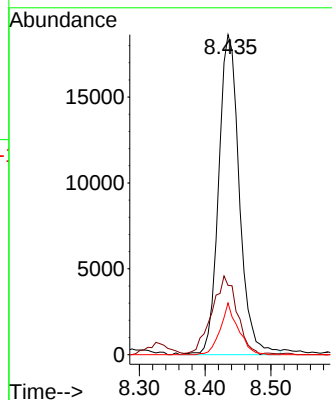
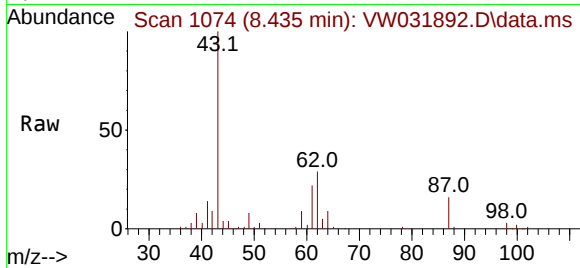




#43
Isopropyl Acetate
Concen: 9.109 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

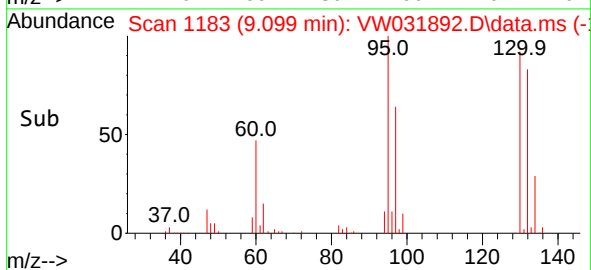
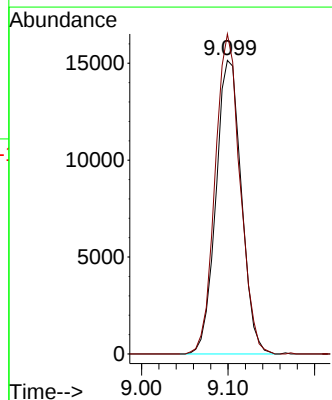
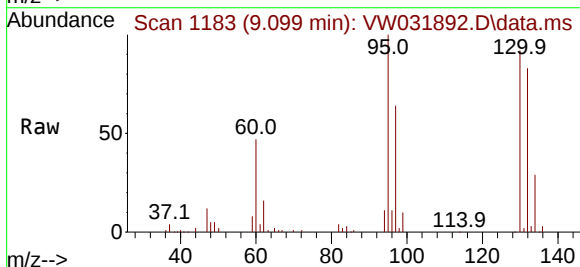
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

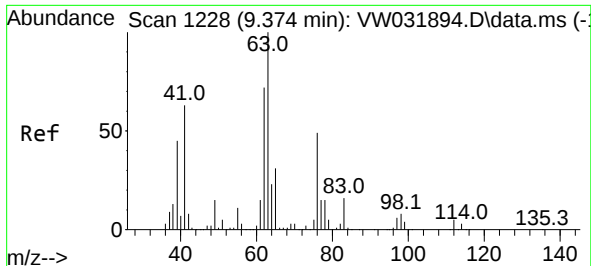
Tgt Ion: 43 Resp: 40842
Ion Ratio Lower Upper
43 100
61 29.1 24.0 36.0
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 10.126 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 130 Resp: 30934
Ion Ratio Lower Upper
130 100
95 109.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 9.863 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

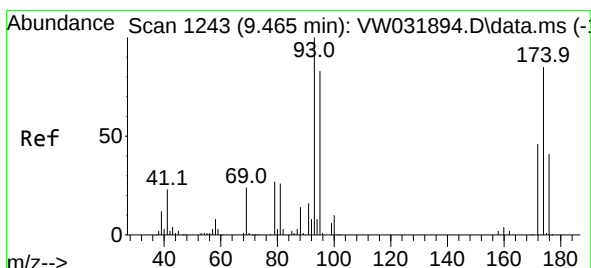
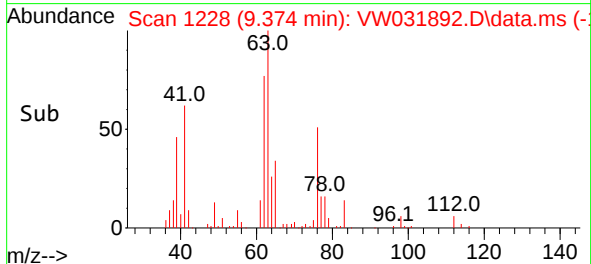
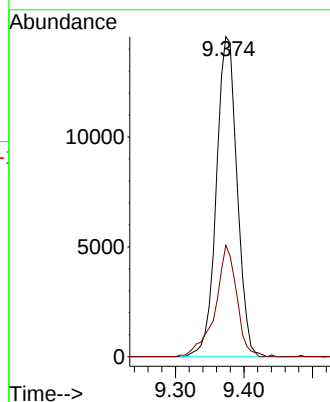
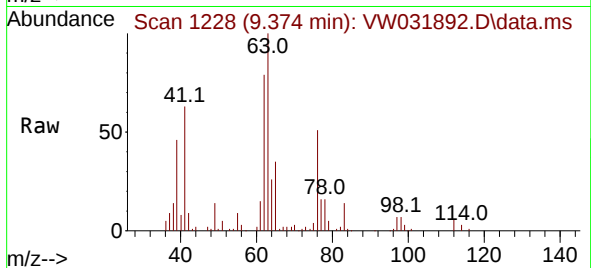
VSTDICC010

Tgt Ion: 63 Resp: 30529

Ion Ratio Lower Upper

63 100

65 34.8 25.0 37.4



#46

Dibromomethane

Concen: 9.814 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

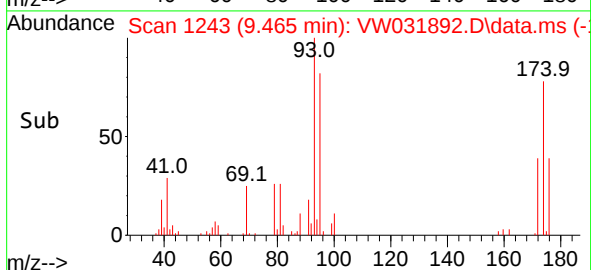
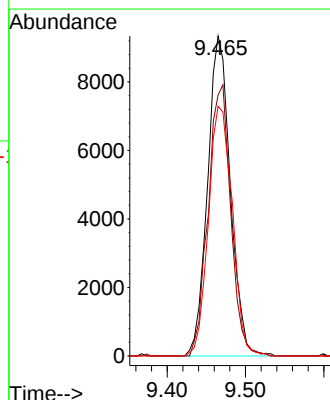
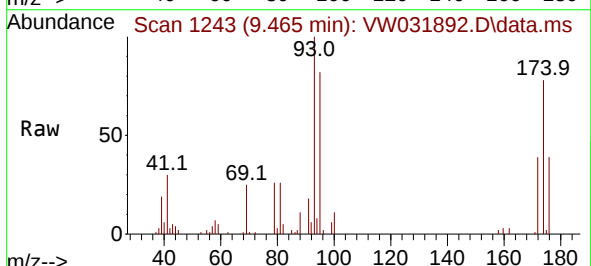
Tgt Ion: 93 Resp: 18831

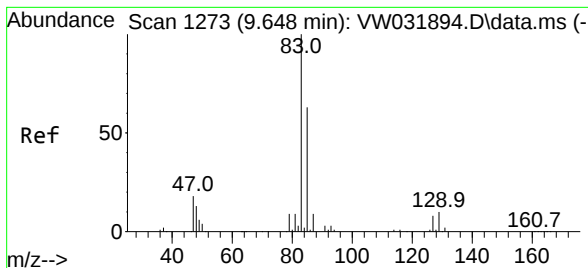
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.6

174 82.0 70.2 105.2





#47

Bromodichloromethane

Concen: 9.868 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

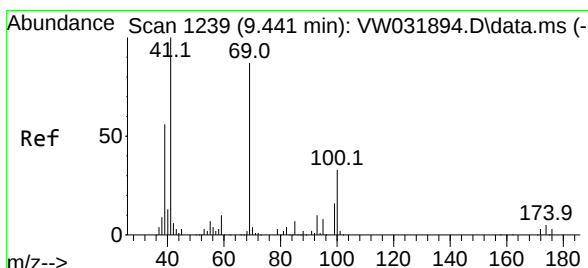
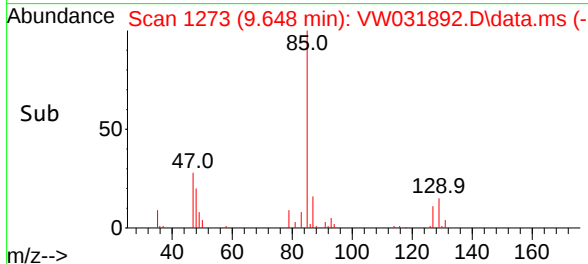
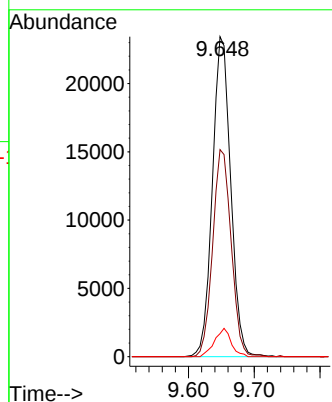
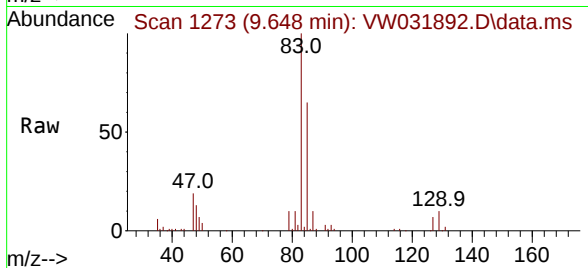
Tgt Ion: 83 Resp: 45402

Ion Ratio Lower Upper

83 100

85 64.7 50.6 76.0

127 7.2 6.5 9.7



#48

Methyl methacrylate

Concen: 8.949 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

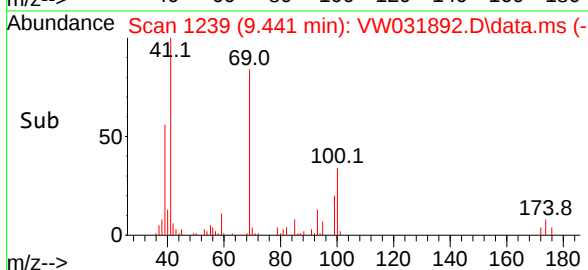
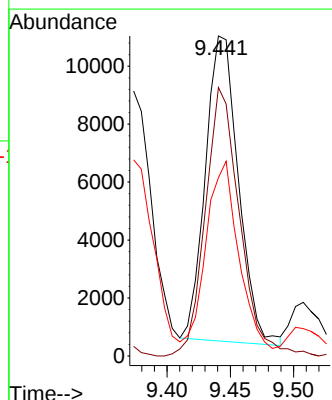
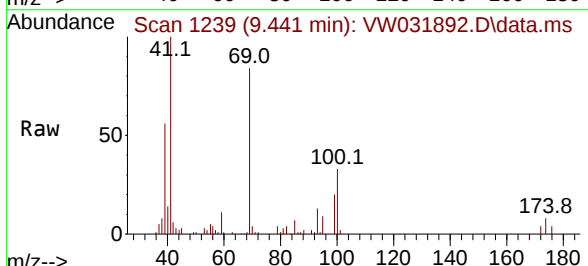
Tgt Ion: 41 Resp: 19089

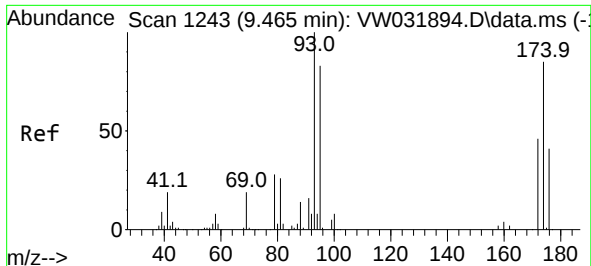
Ion Ratio Lower Upper

41 100

69 91.8 73.6 110.4

39 59.4 45.5 68.3





#49

1,4-Dioxane

Concen: 184.165 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

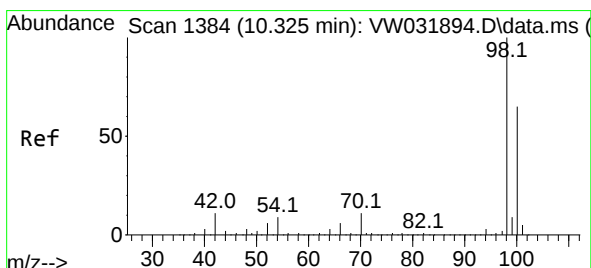
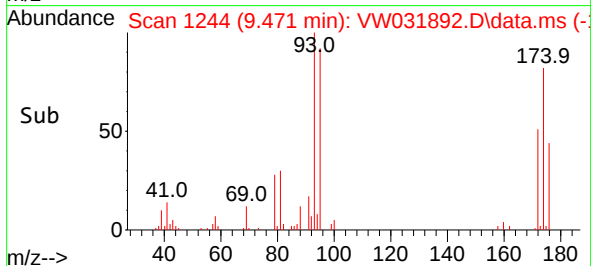
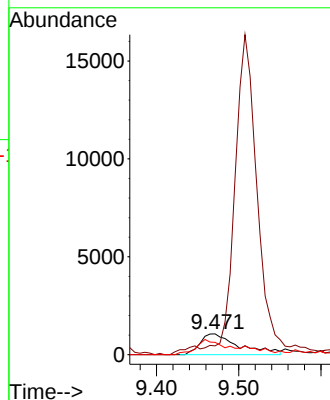
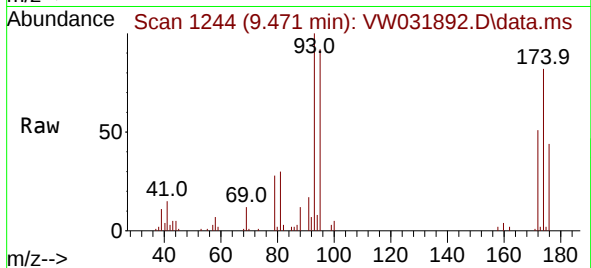
Tgt Ion: 88 Resp: 3526

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 54.5 58.2 87.2#



#50

Toluene-d8

Concen: 10.178 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031892.D

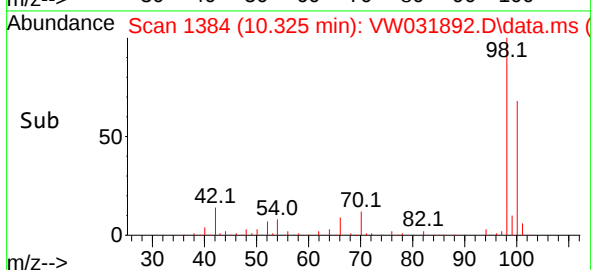
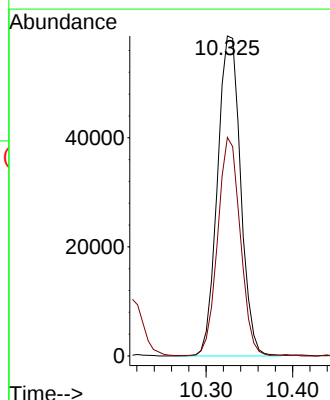
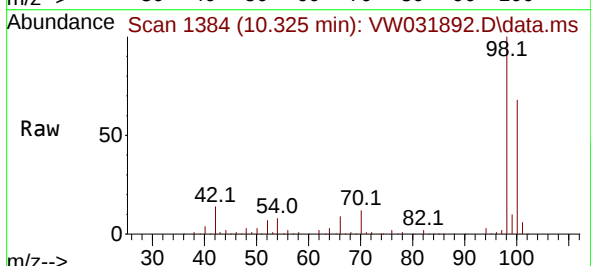
Acq: 22 Jul 2025 09:37

Tgt Ion: 98 Resp: 108902

Ion Ratio Lower Upper

98 100

100 66.9 51.7 77.5

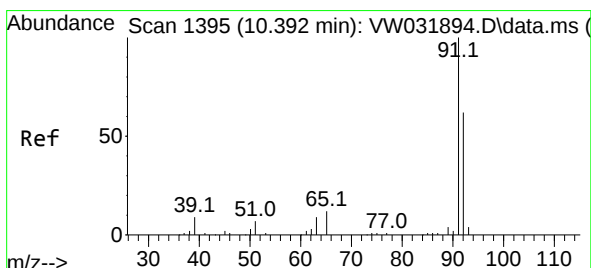
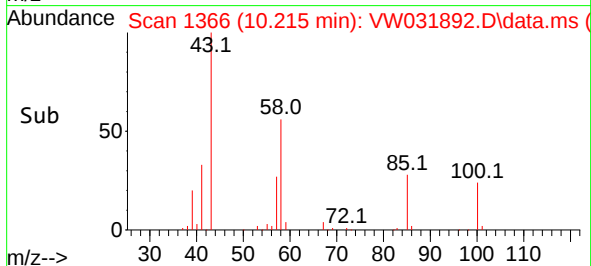
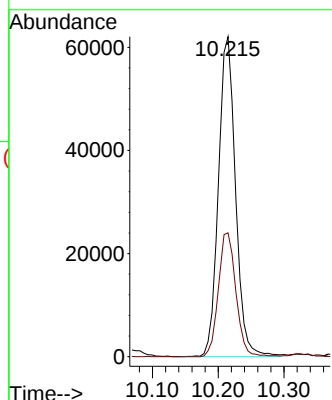
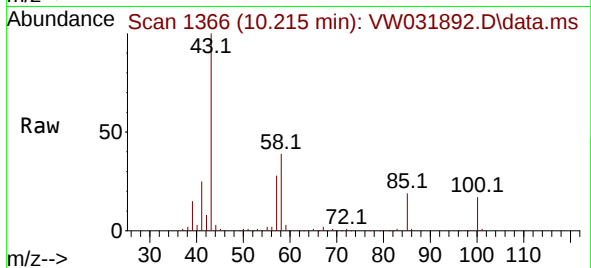




#51
4-Methyl-2-Pentanone
Concen: 45.845 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

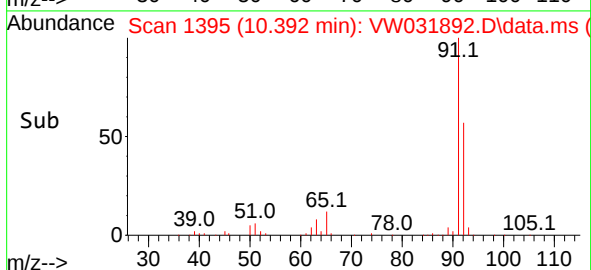
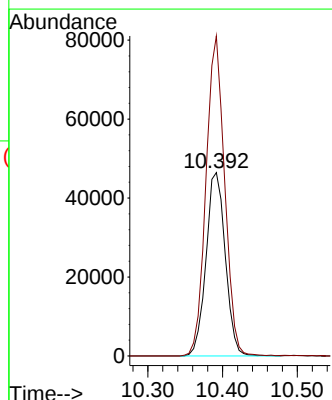
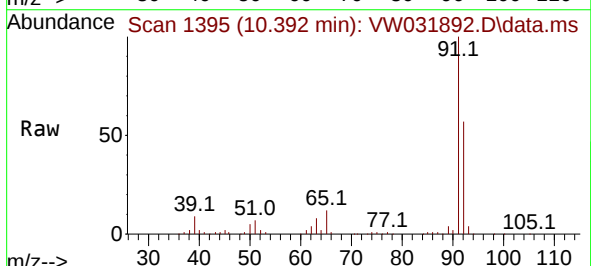
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

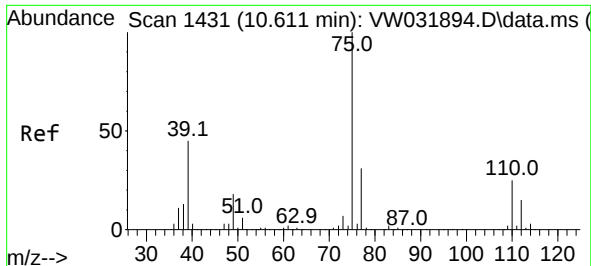
Tgt Ion: 43 Resp: 112498
Ion Ratio Lower Upper
43 100
58 39.7 32.8 49.2



#52
Toluene
Concen: 10.054 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 92 Resp: 83069
Ion Ratio Lower Upper
92 100
91 168.9 133.7 200.5

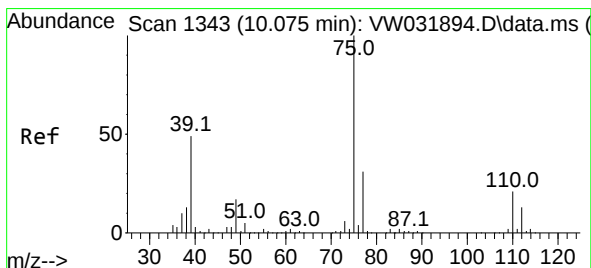
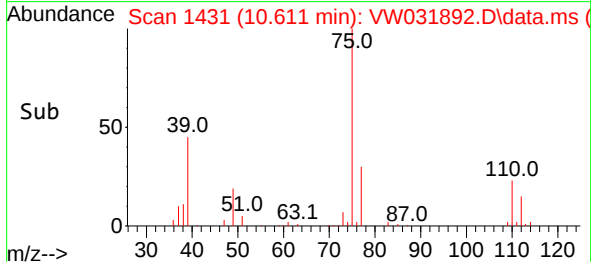
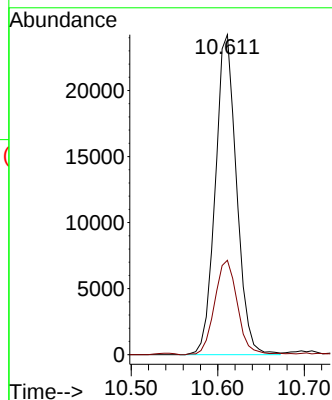
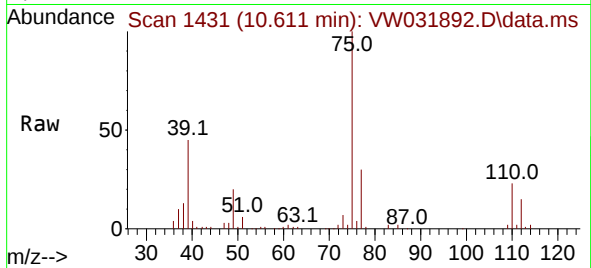




#53
t-1,3-Dichloropropene
Concen: 9.349 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

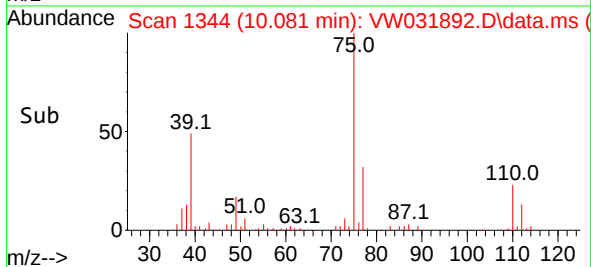
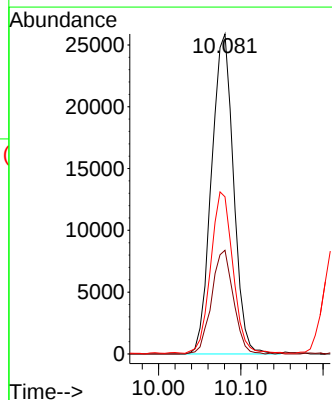
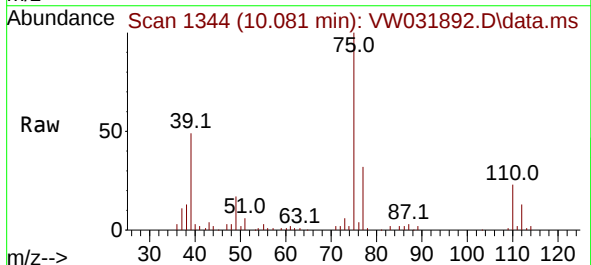
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

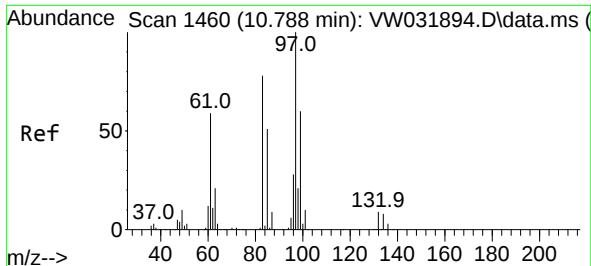
Tgt Ion: 75 Resp: 41264
Ion Ratio Lower Upper
75 100
77 29.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 9.550 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 75 Resp: 48135
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7
39 48.8 39.3 58.9

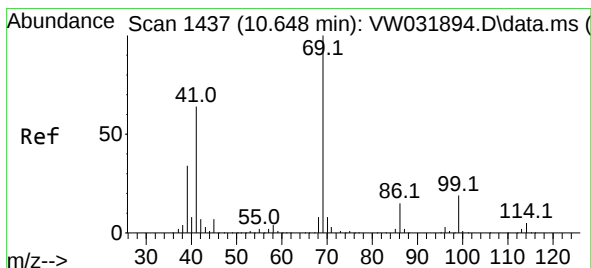
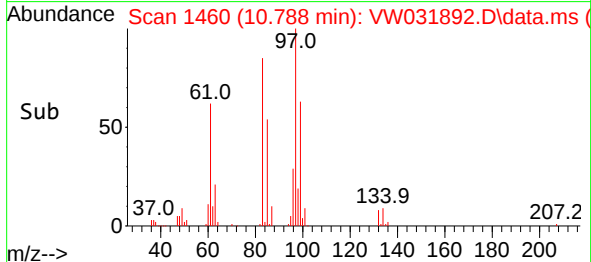
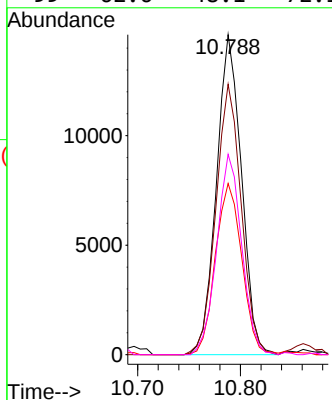
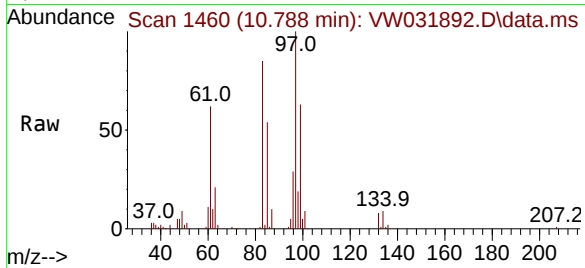




#55
1,1,2-Trichloroethane
Concen: 9.682 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

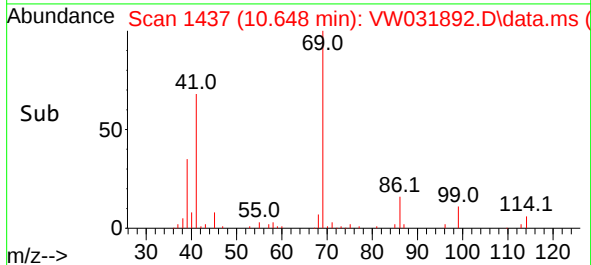
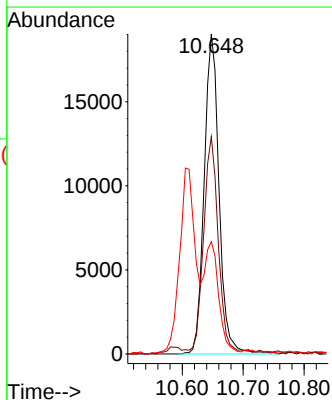
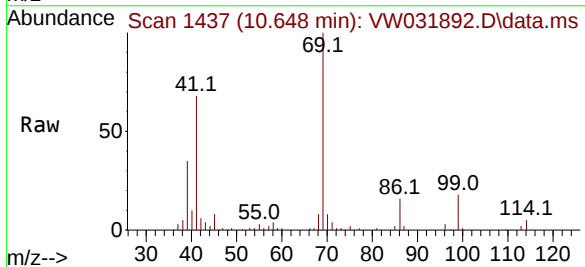
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

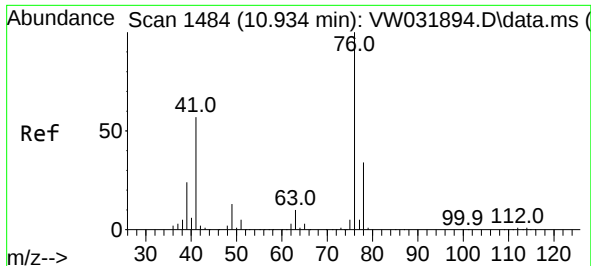
Tgt Ion: 97	Resp: 24676
Ion Ratio	Lower Upper
97 100	
83 84.5	62.4 93.6
85 53.5	41.0 61.6
99 62.6	48.1 72.1



#56
Ethyl methacrylate
Concen: 8.978 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 69	Resp: 32317
Ion Ratio	Lower Upper
69 100	
41 66.0	52.0 78.0
39 33.1	26.6 40.0





#57

1,3-Dichloropropane

Concen: 9.723 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

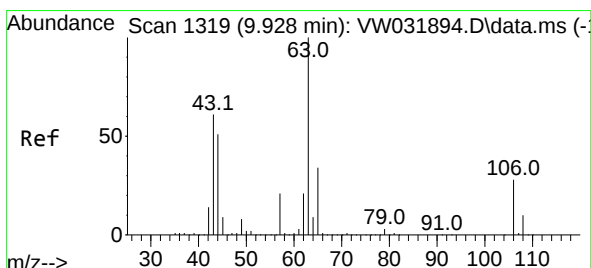
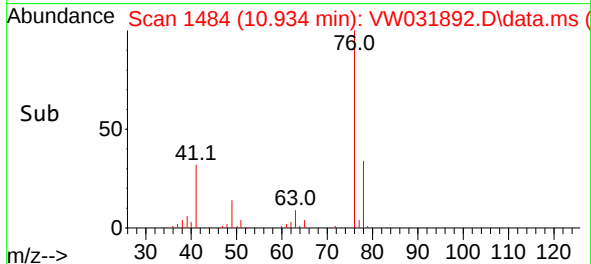
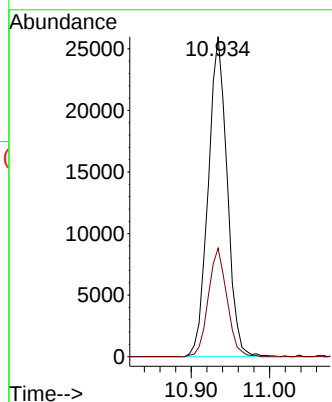
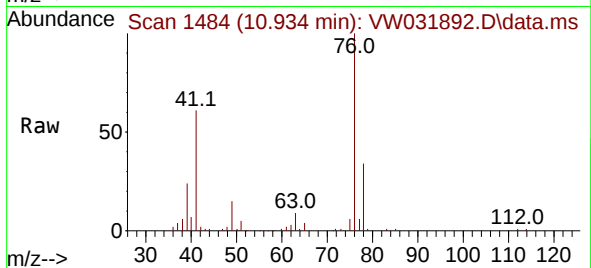
VSTDIC010

Tgt Ion: 76 Resp: 43658

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 46.194 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031892.D

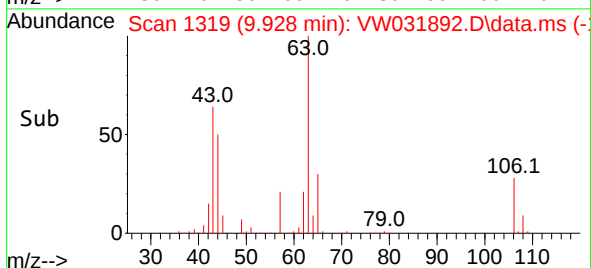
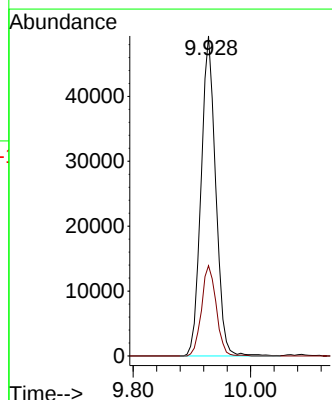
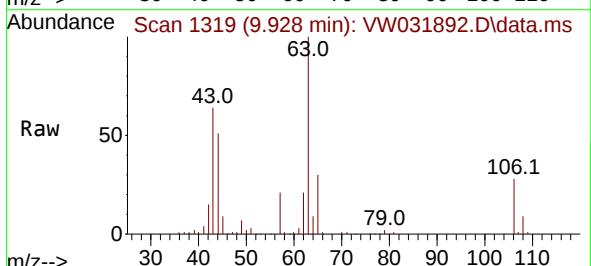
Acq: 22 Jul 2025 09:37

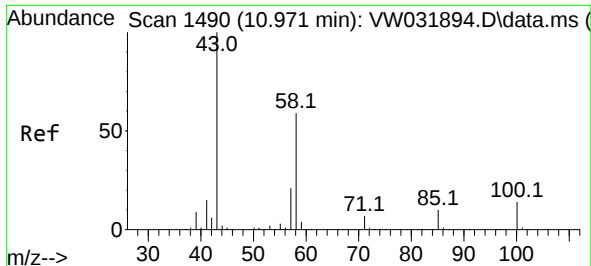
Tgt Ion: 63 Resp: 85410

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1

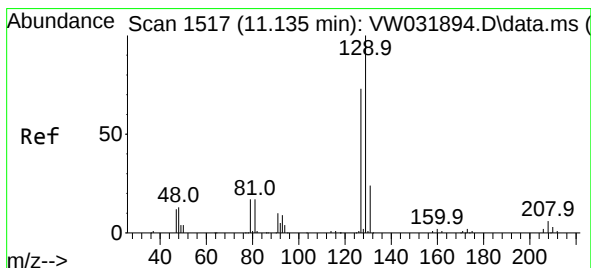
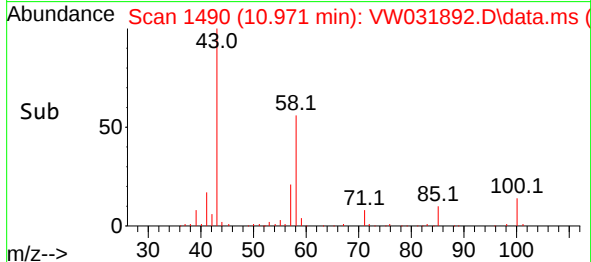
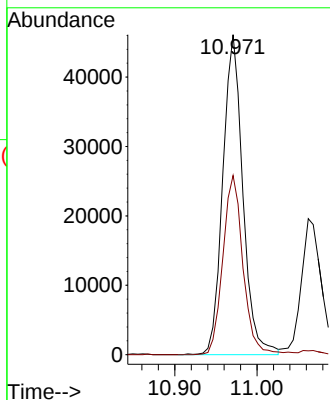
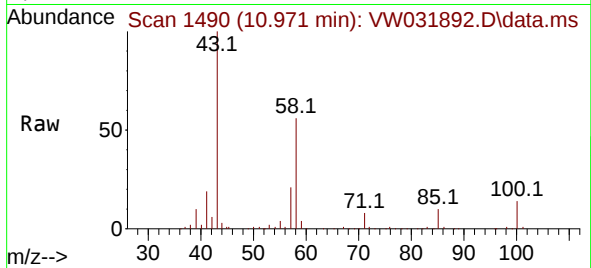




#59
2-Hexanone
Concen: 45.837 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

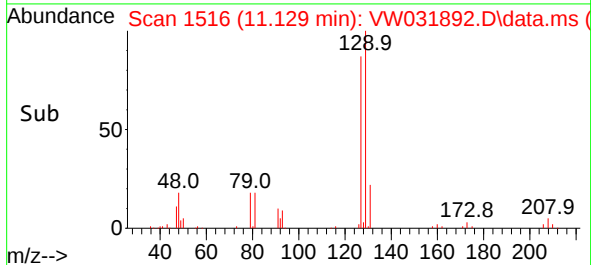
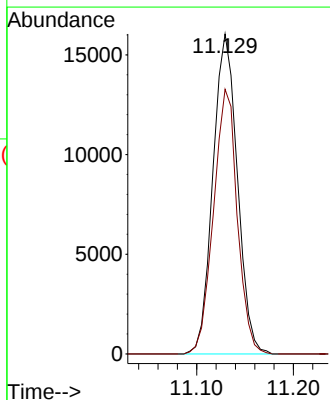
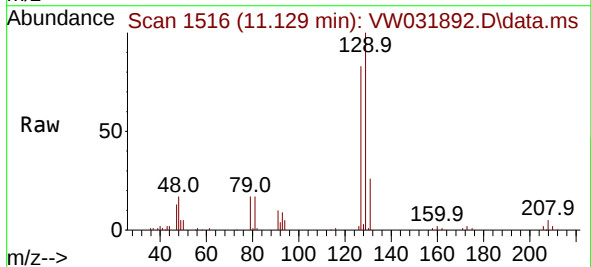
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

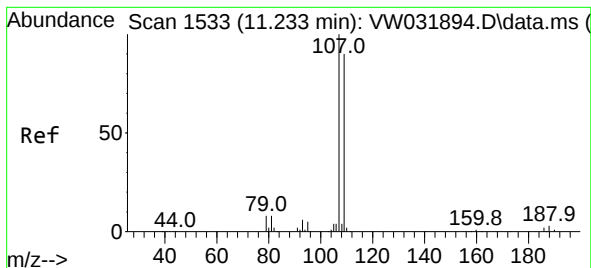
Tgt Ion: 43 Resp: 78182
Ion Ratio Lower Upper
43 100
58 56.3 28.5 85.6



#60
Dibromochloromethane
Concen: 9.486 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:129 Resp: 28189
Ion Ratio Lower Upper
129 100
127 80.3 39.6 118.8

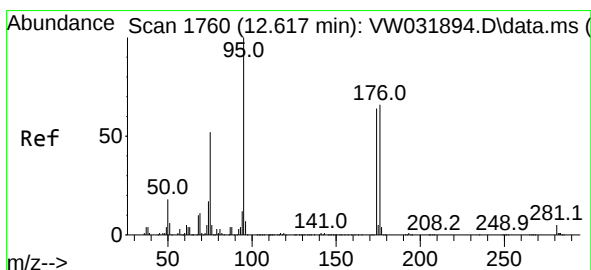
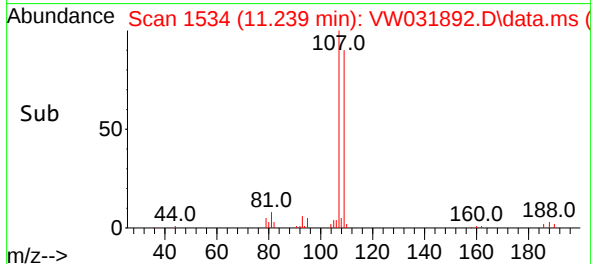
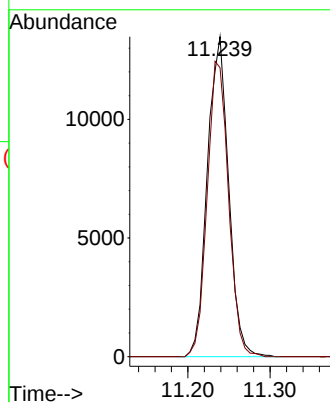
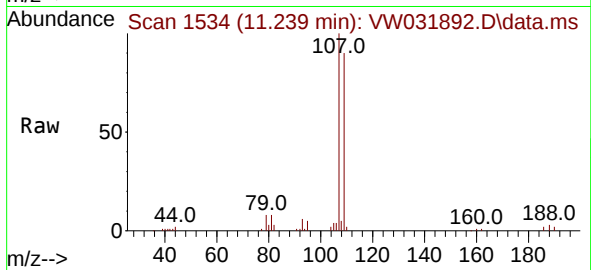




#61
1,2-Dibromoethane
Concen: 9.617 ug/l
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

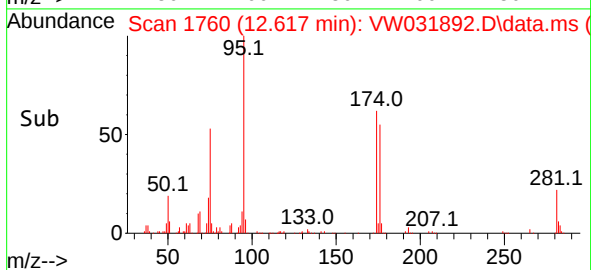
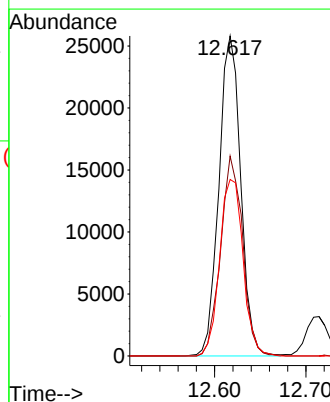
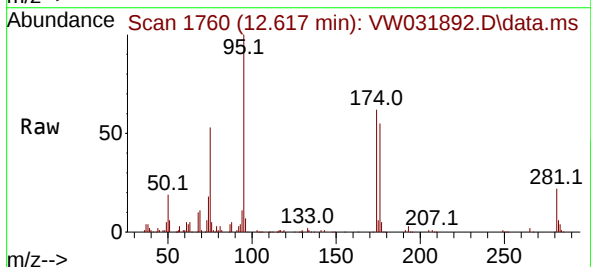
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

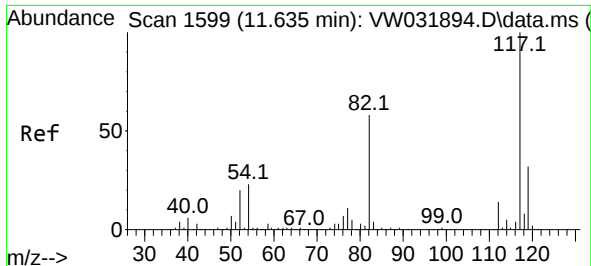
Tgt Ion:107 Resp: 24219
Ion Ratio Lower Upper
107 100
109 92.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 10.434 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 95 Resp: 42871
Ion Ratio Lower Upper
95 100
174 62.9 0.0 129.8
176 59.4 0.0 130.4

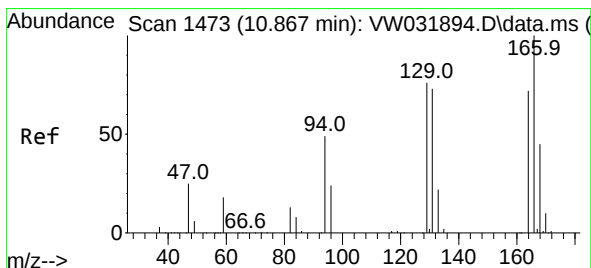
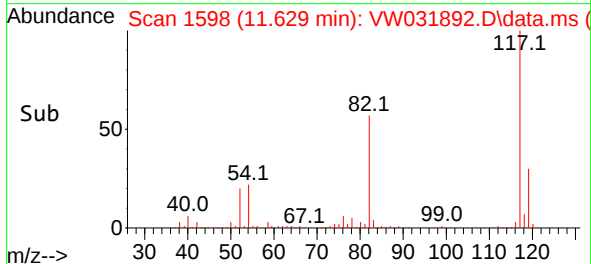
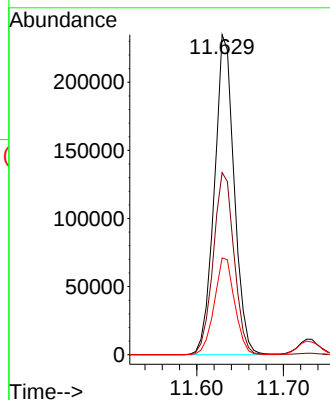
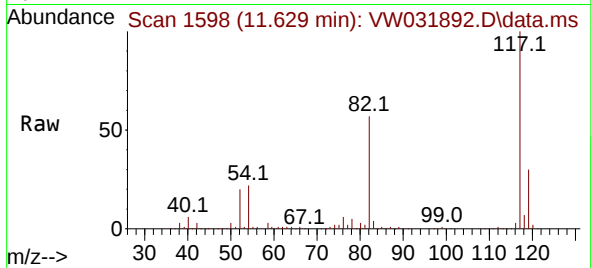




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

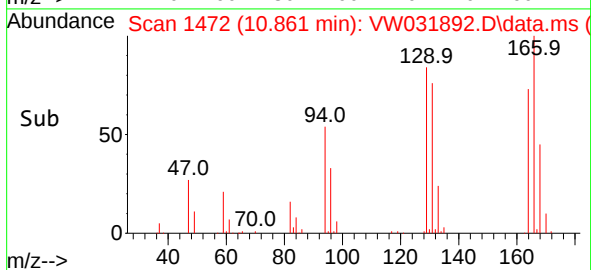
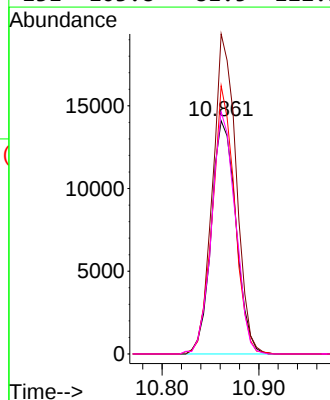
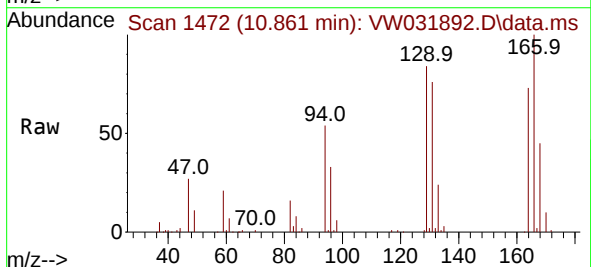
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

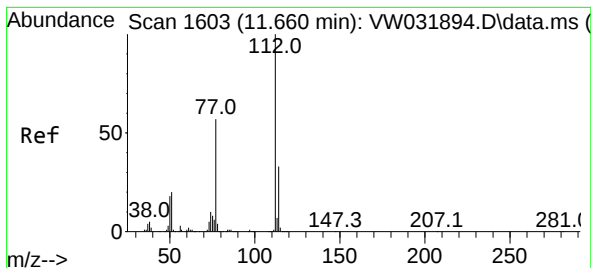
Tgt Ion:117 Resp: 372788
Ion Ratio Lower Upper
117 100
82 56.9 46.5 69.7
119 30.2 25.8 38.6



#64
Tetrachloroethene
Concen: 10.138 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:164 Resp: 24918
Ion Ratio Lower Upper
164 100
166 137.3 111.5 167.3
129 115.0 85.1 127.7
131 103.8 81.5 122.3





#65

Chlorobenzene

Concen: 10.024 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

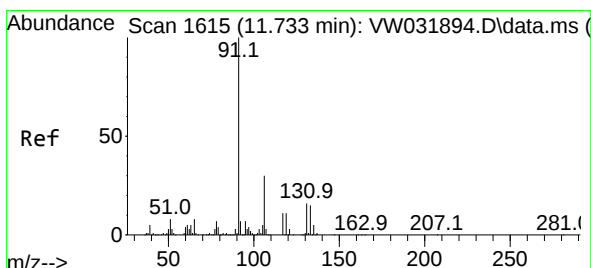
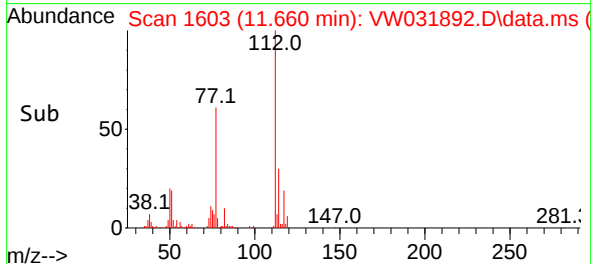
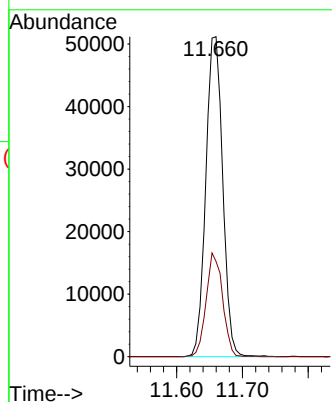
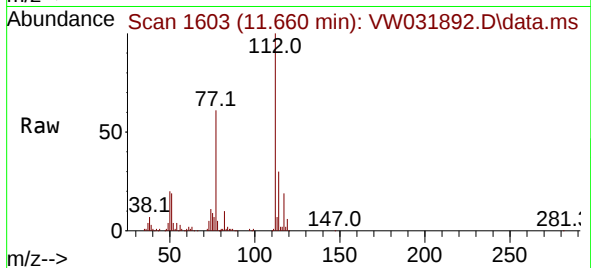
VSTDIC010

Tgt Ion:112 Resp: 91460

Ion Ratio Lower Upper

112 100

114 29.8 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 9.647 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

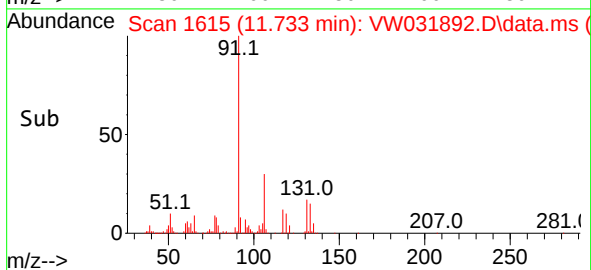
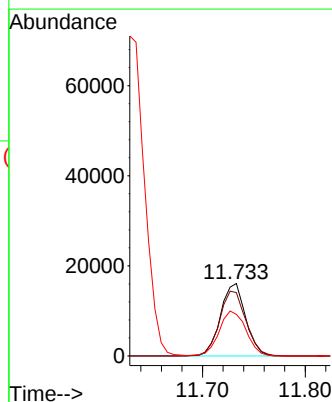
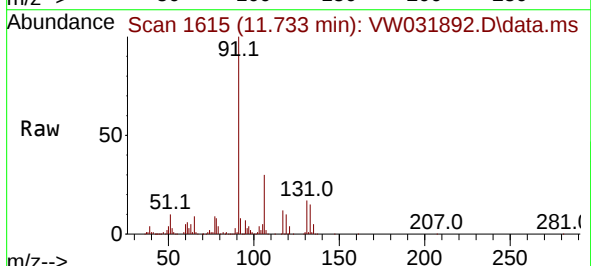
Tgt Ion:131 Resp: 27287

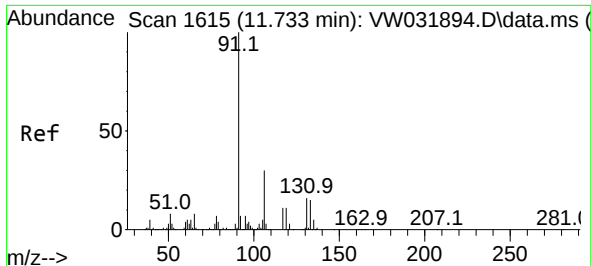
Ion Ratio Lower Upper

131 100

133 94.1 48.1 144.4

119 66.2 33.7 101.1

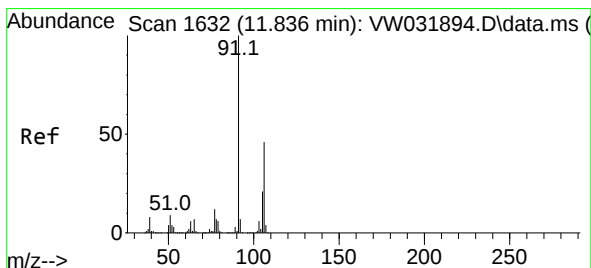
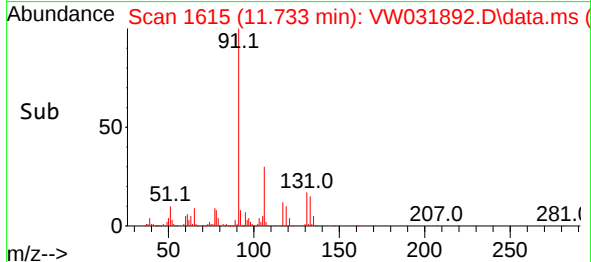
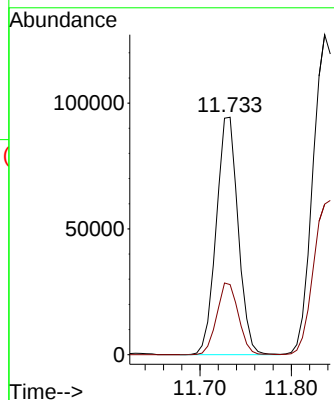
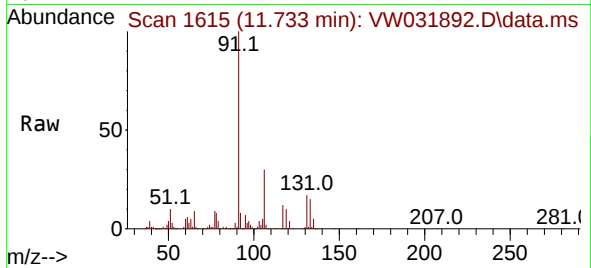




#67
Ethyl Benzene
Concen: 9.801 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

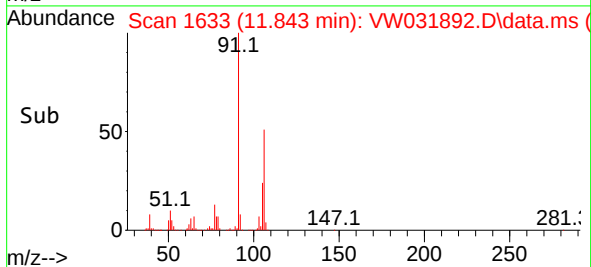
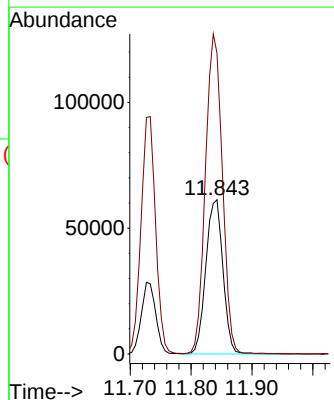
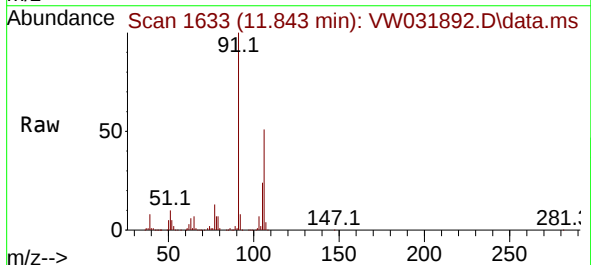
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

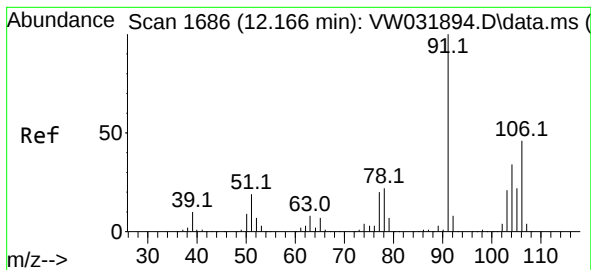
Tgt Ion: 91 Resp: 157107
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 19.791 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:106 Resp: 119437
Ion Ratio Lower Upper
106 100
91 205.3 167.7 251.5





#69

o-Xylene

Concen: 9.684 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

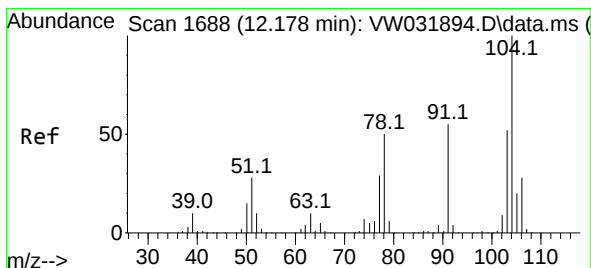
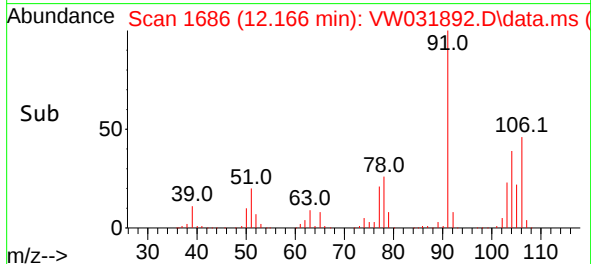
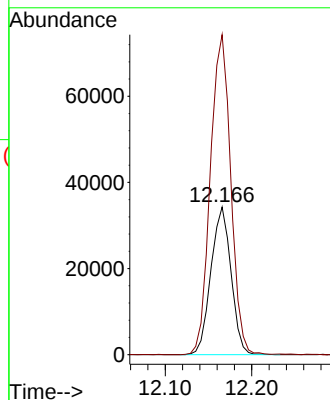
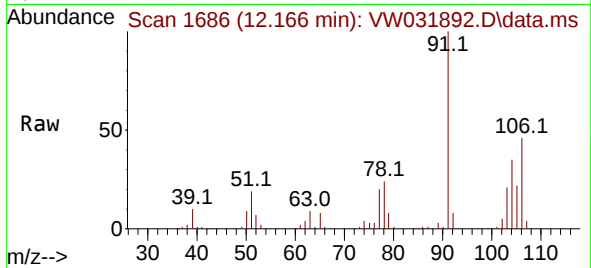
VSTDICC010

Tgt Ion:106 Resp: 55307

Ion Ratio Lower Upper

106 100

91 220.2 108.2 324.6



#70

Styrene

Concen: 9.660 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

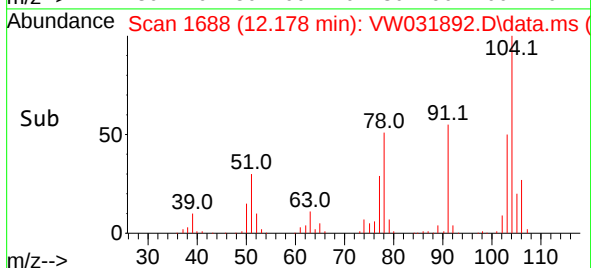
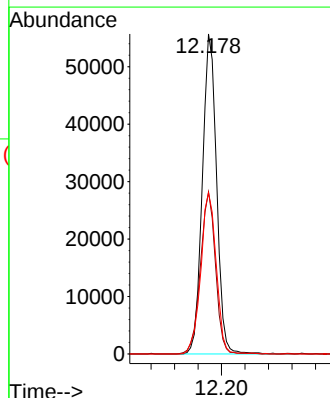
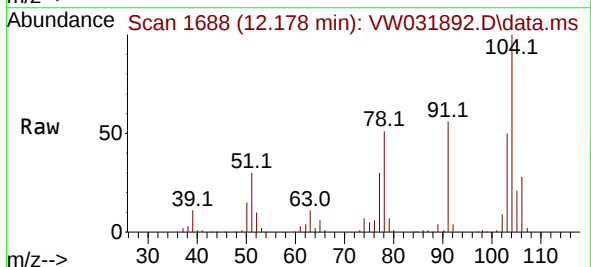
Tgt Ion:104 Resp: 93933

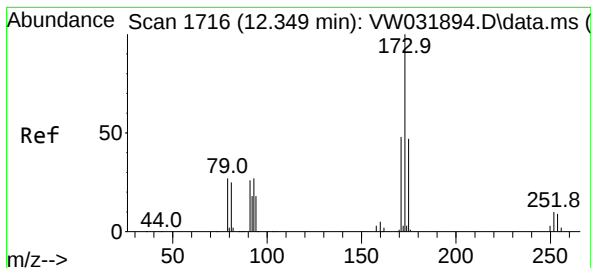
Ion Ratio Lower Upper

104 100

78 53.6 42.2 63.4

103 54.5 42.8 64.2





#71

Bromoform

Concen: 8.759 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

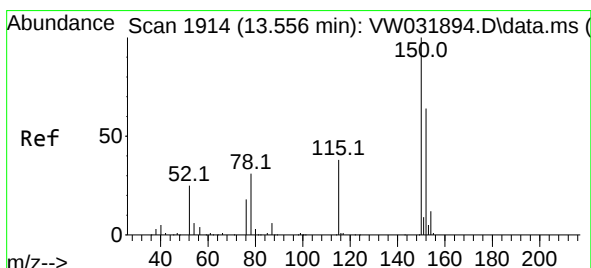
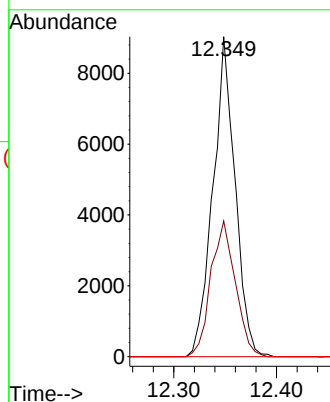
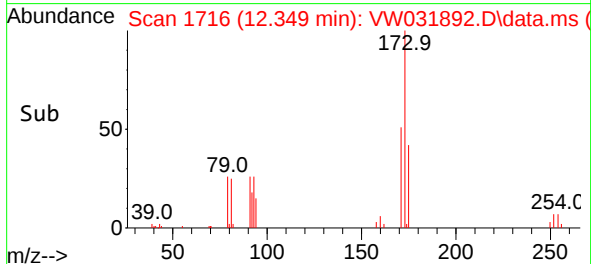
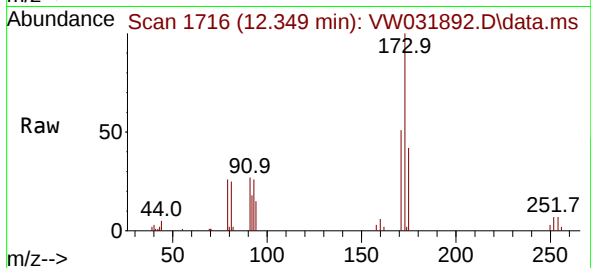
Tgt Ion:173 Resp: 13549

Ion Ratio Lower Upper

173 100

175 46.9 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

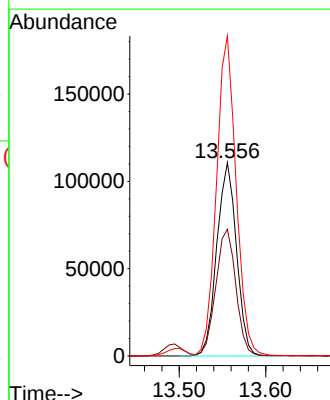
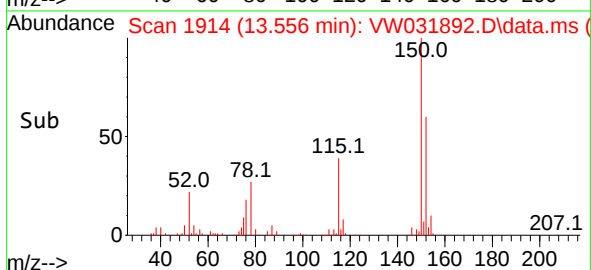
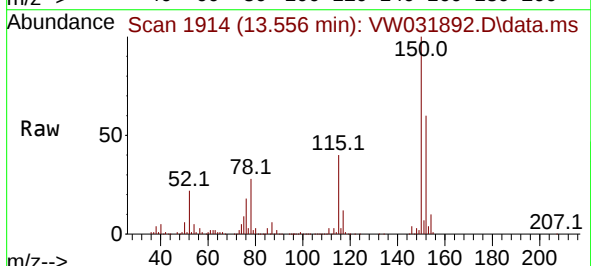
Tgt Ion:152 Resp: 174884

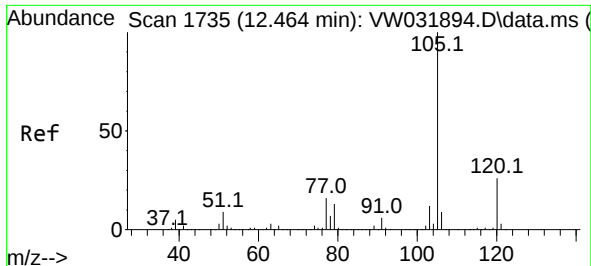
Ion Ratio Lower Upper

152 100

115 66.8 33.4 100.1

150 165.0 0.0 352.2

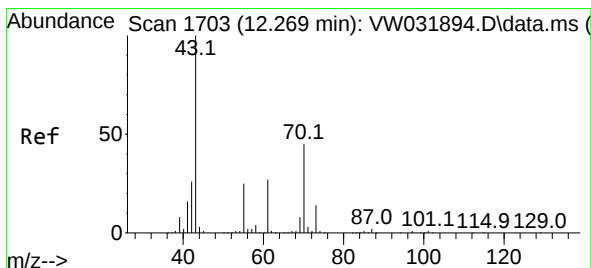
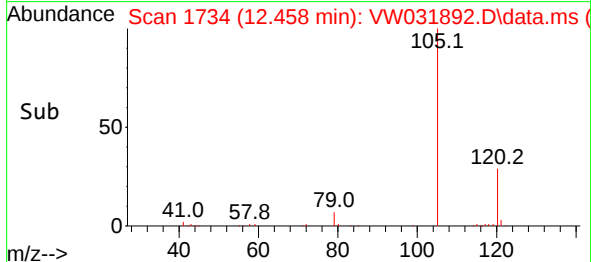
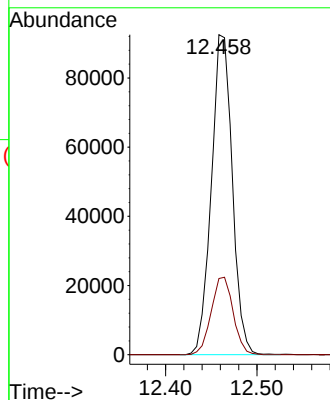
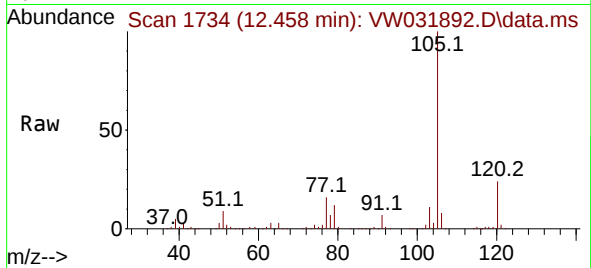




#73
Isopropylbenzene
Concen: 9.698 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

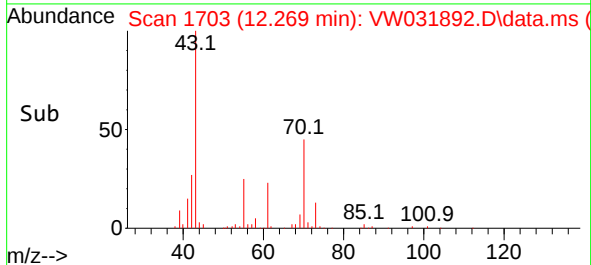
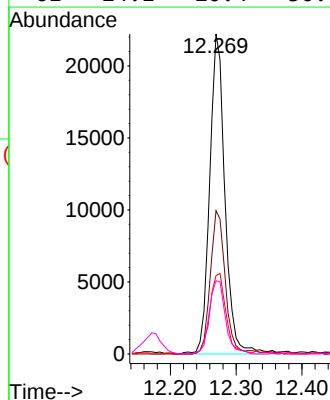
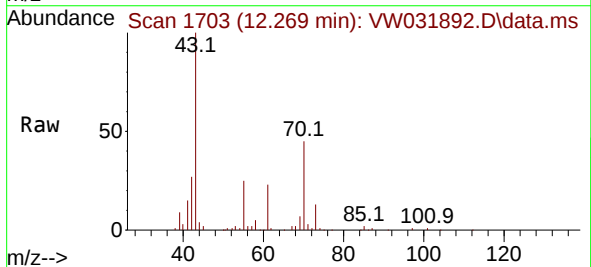
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

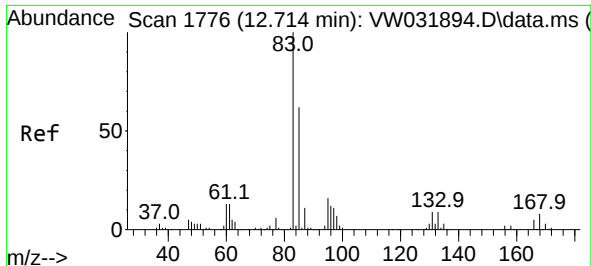
Tgt Ion:105 Resp: 147152
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#74
N-ethyl acetate
Concen: 8.774 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 43 Resp: 35992
Ion Ratio Lower Upper
43 100
70 43.9 36.6 55.0
55 26.5 20.7 31.1
61 24.1 20.4 30.6

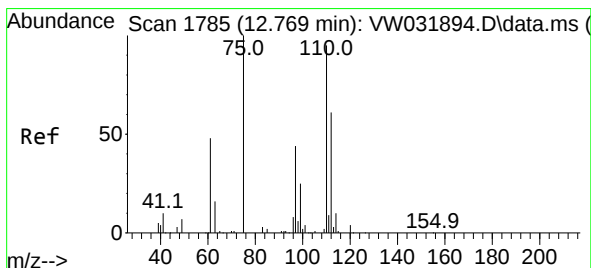
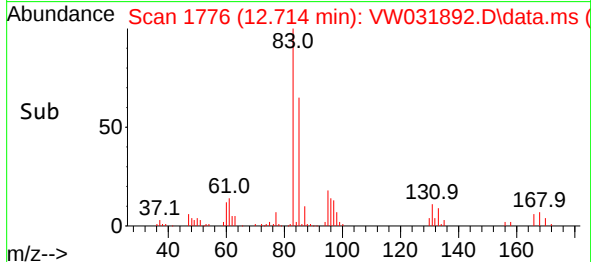
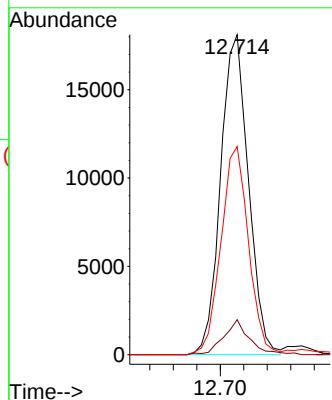
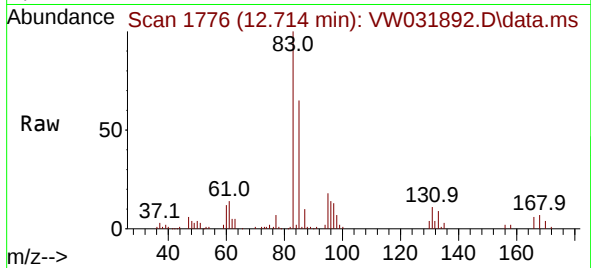




#75
1,1,2,2-Tetrachloroethane
Concen: 9.245 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

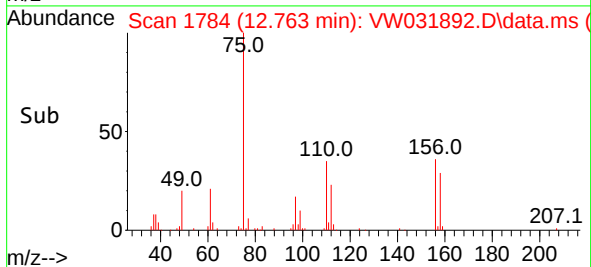
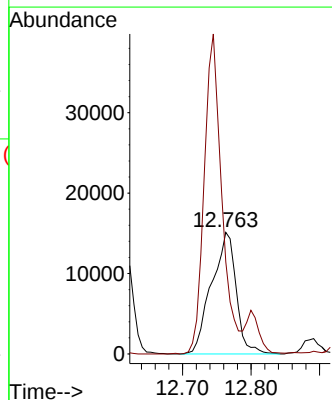
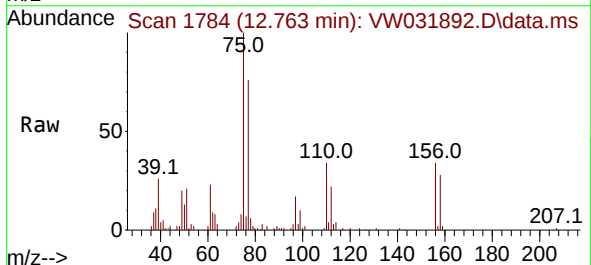
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

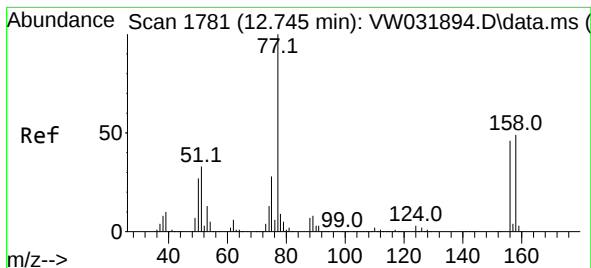
Tgt Ion: 83 Resp: 29777
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 15.764 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 75 Resp: 37743
Ion Ratio Lower Upper
75 100
77 190.1 0.0 0.0#





#77

Bromobenzene

Concen: 9.650 ug/l

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

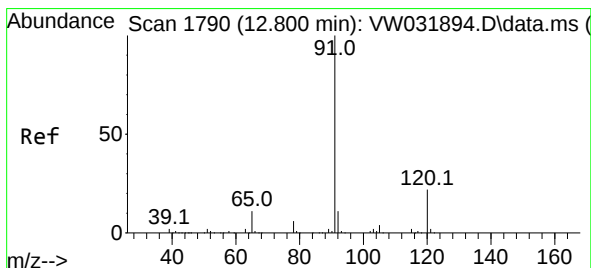
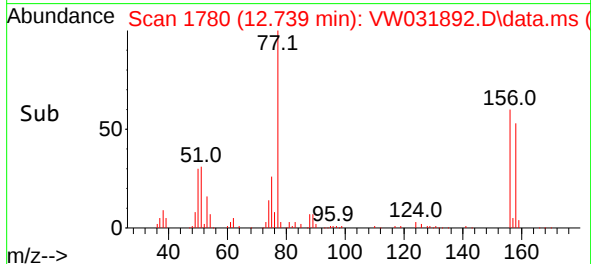
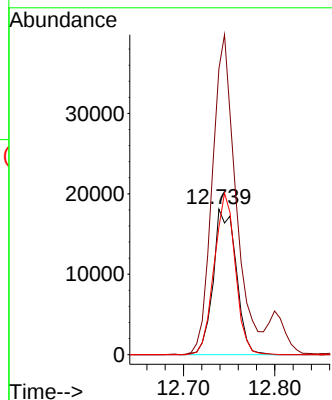
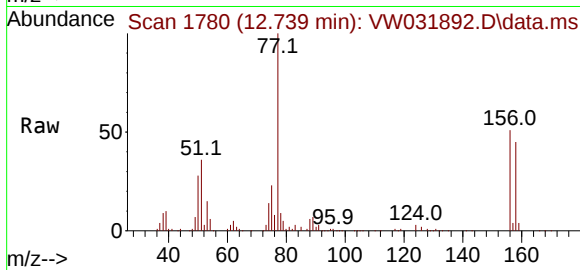
Tgt Ion:156 Resp: 31681

Ion Ratio Lower Upper

156 100

77 226.5 115.3 345.8

158 101.8 50.1 150.3



#78

n-propylbenzene

Concen: 9.709 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031892.D

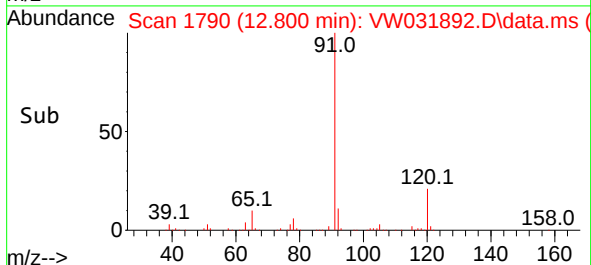
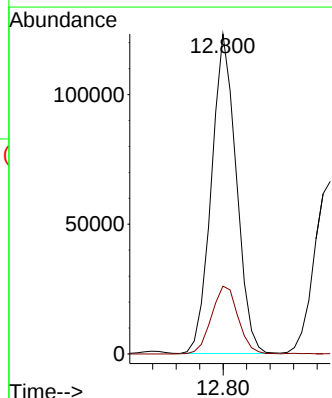
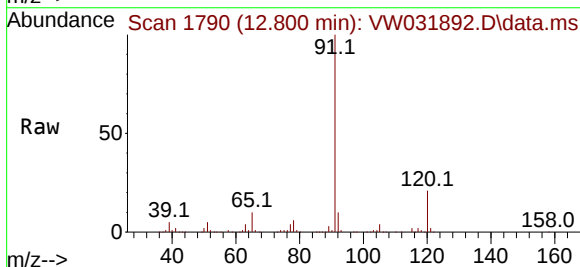
Acq: 22 Jul 2025 09:37

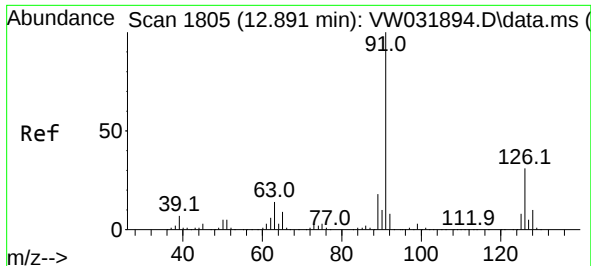
Tgt Ion: 91 Resp: 180937

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.6

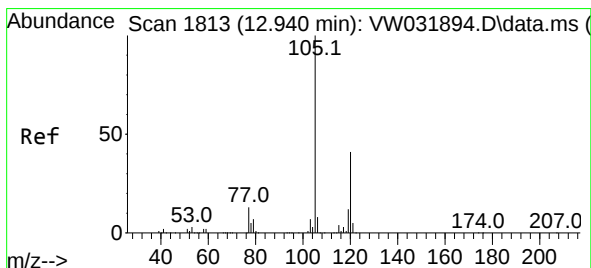
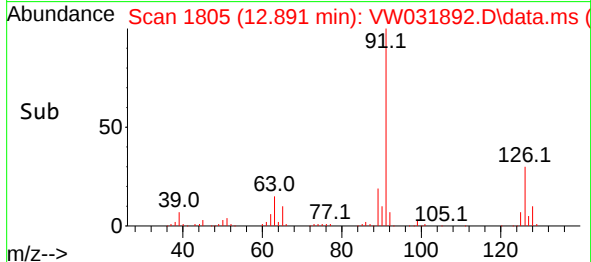
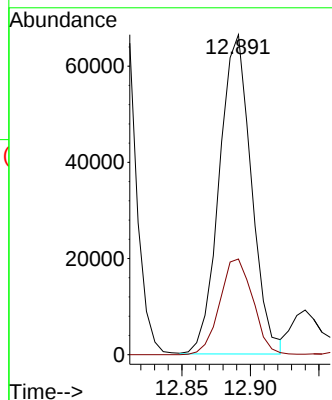
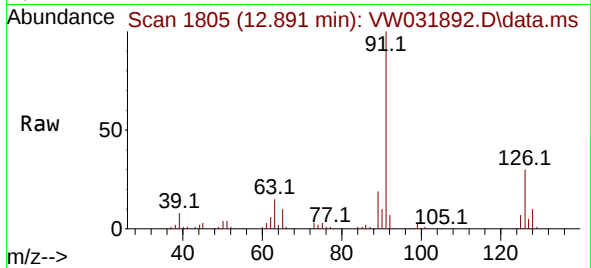




#79
2-Chlorotoluene
Concen: 9.716 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

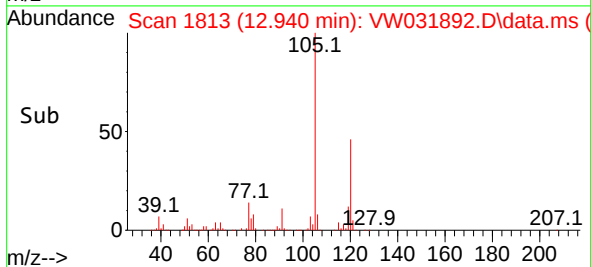
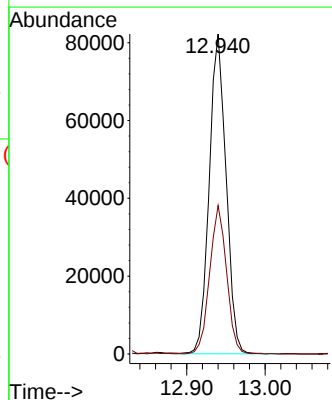
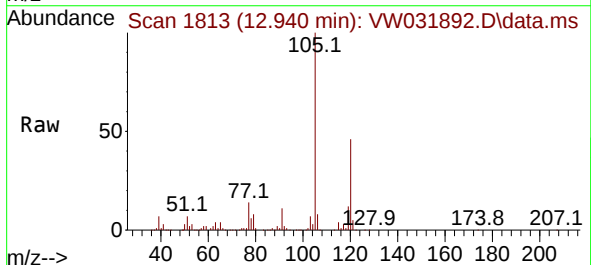
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 108108
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 9.626 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 105 Resp: 122504
Ion Ratio Lower Upper
105 100
120 46.6 23.5 70.5

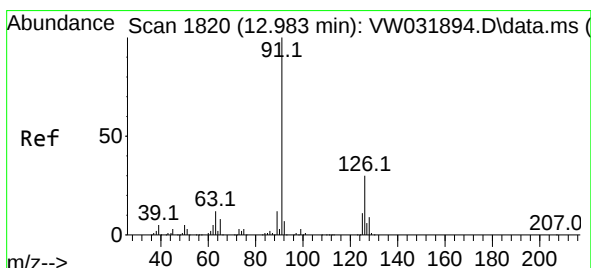
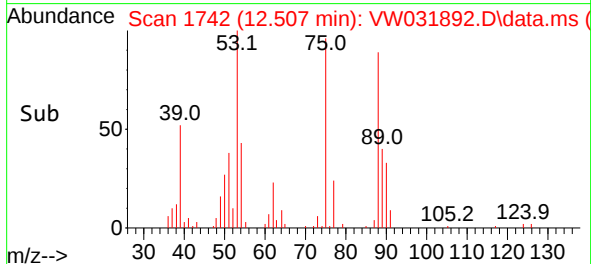
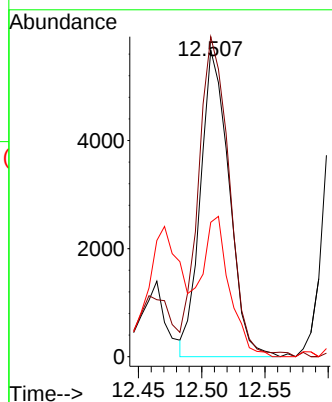
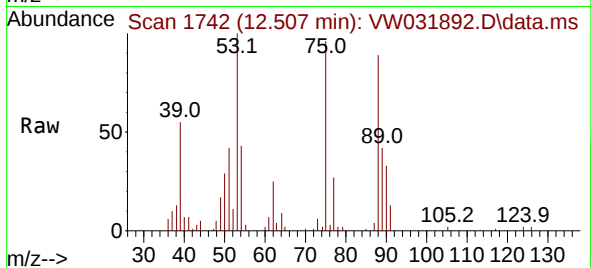




#81
trans-1,4-Dichloro-2-butene
Concen: 8.558 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

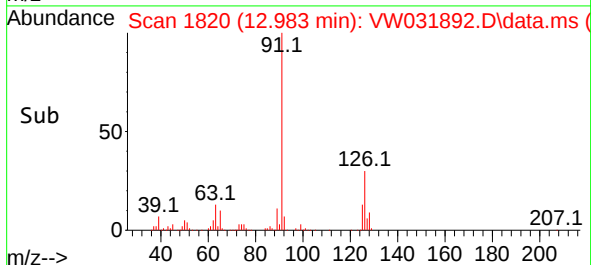
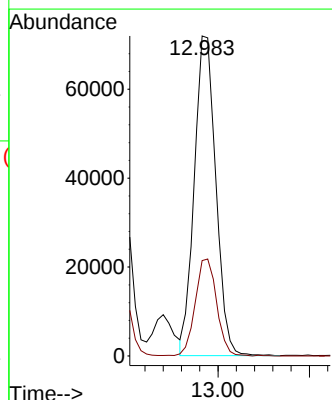
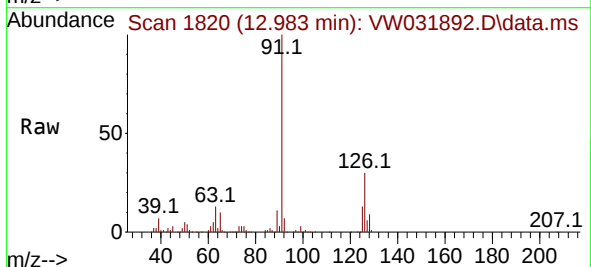
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

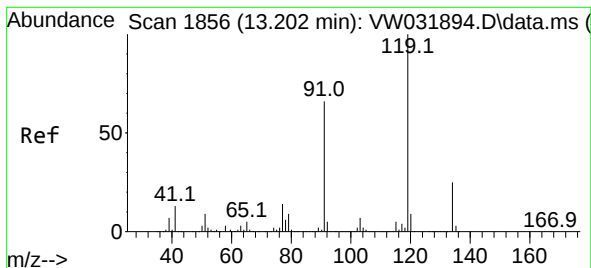
Tgt Ion: 75 Resp: 8950
Ion Ratio Lower Upper
75 100
53 112.4 83.7 125.5
89 46.0 39.0 58.6



#82
4-Chlorotoluene
Concen: 10.068 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 91 Resp: 117523
Ion Ratio Lower Upper
91 100
126 30.3 15.8 47.3

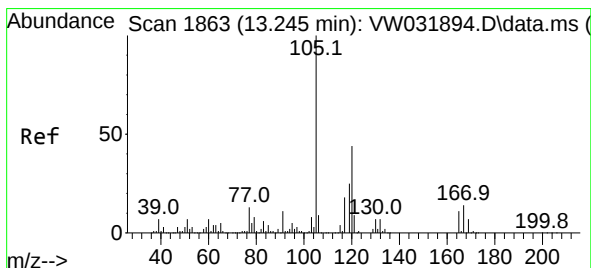
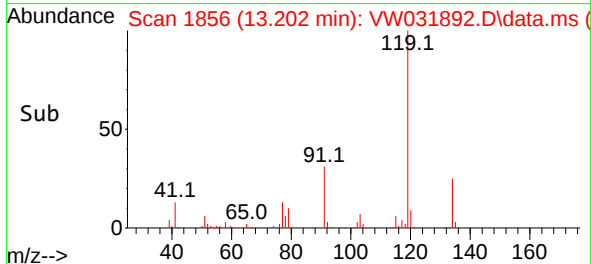
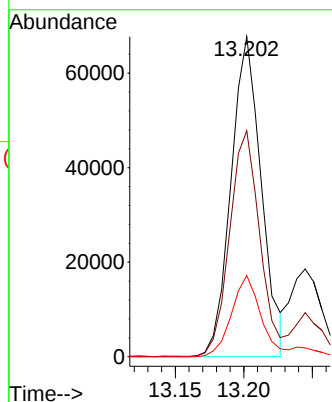
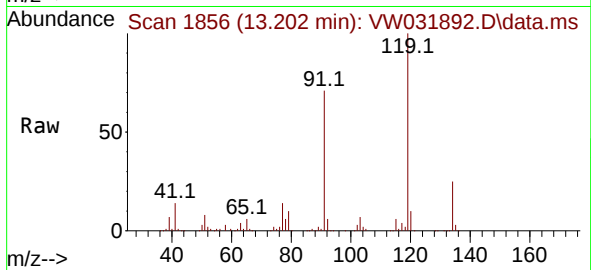




#83
tert-Butylbenzene
Concen: 9.630 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

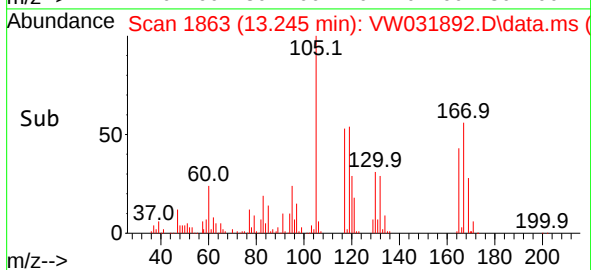
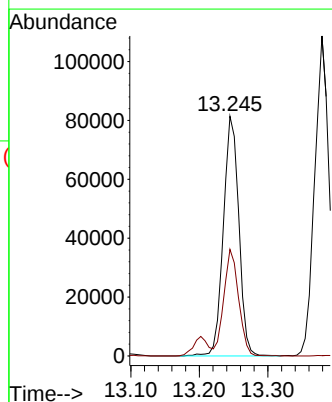
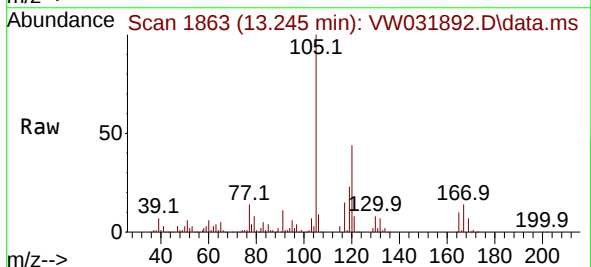
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

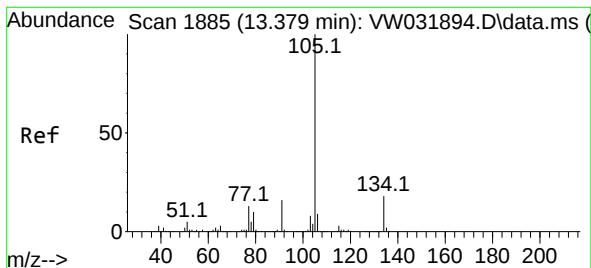
Tgt Ion:119 Resp: 104397
Ion Ratio Lower Upper
119 100
91 70.1 35.5 106.5
134 24.5 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 9.883 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:105 Resp: 127309
Ion Ratio Lower Upper
105 100
120 42.5 21.3 63.9





#85

sec-Butylbenzene

Concen: 9.861 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

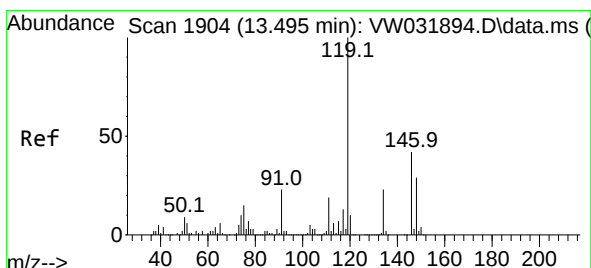
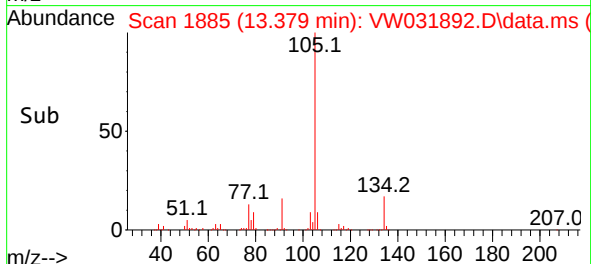
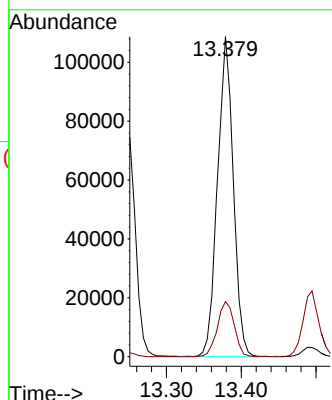
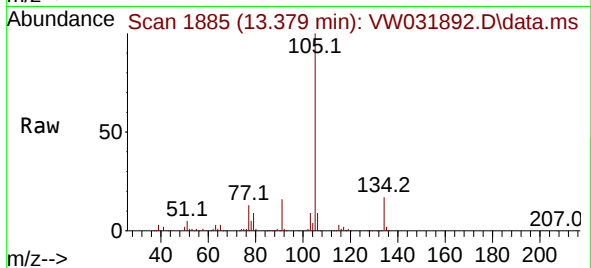
VSTDIC010

Tgt Ion:105 Resp: 160534

Ion Ratio Lower Upper

105 100

134 18.4 9.2 27.6



#86

p-Isopropyltoluene

Concen: 9.737 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

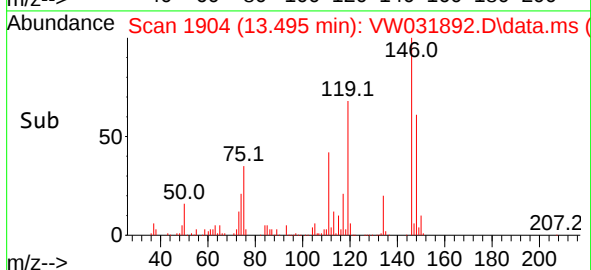
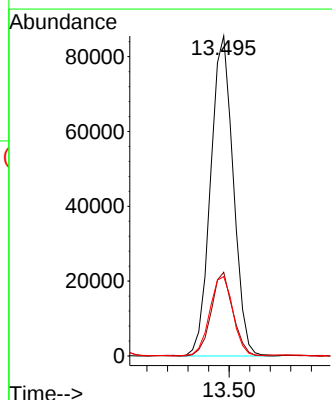
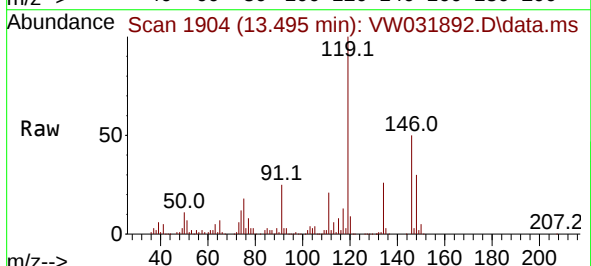
Tgt Ion:119 Resp: 131018

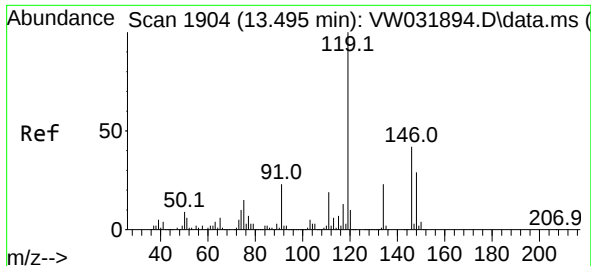
Ion Ratio Lower Upper

119 100

134 25.0 13.0 39.0

91 25.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 9.727 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

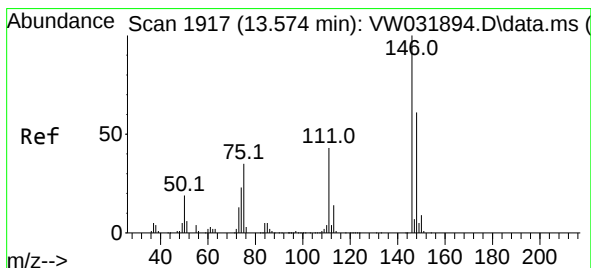
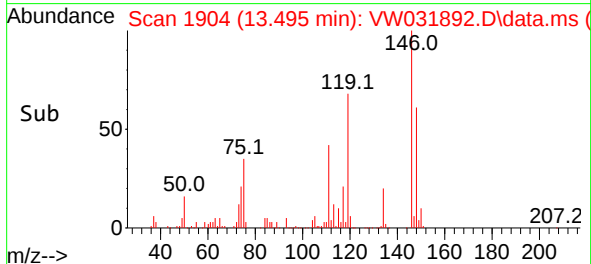
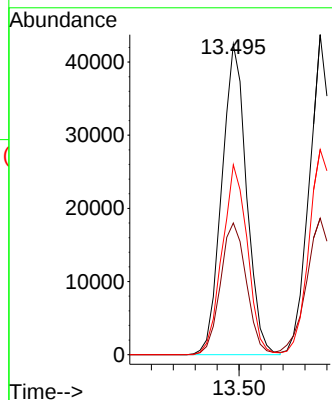
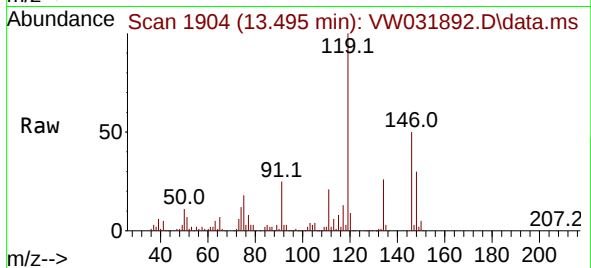
Tgt Ion:146 Resp: 66474

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.7

148 62.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 9.961 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

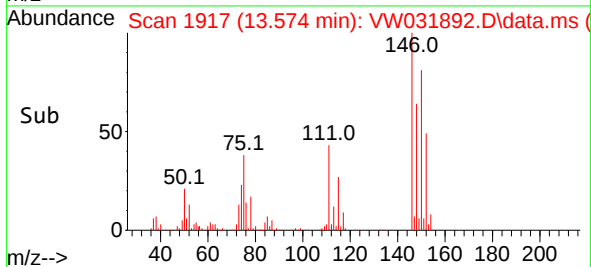
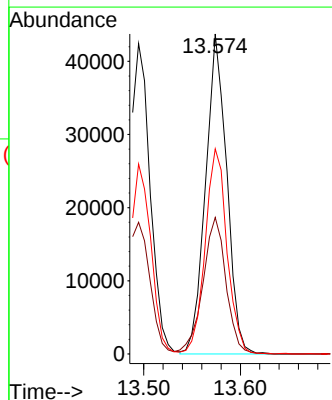
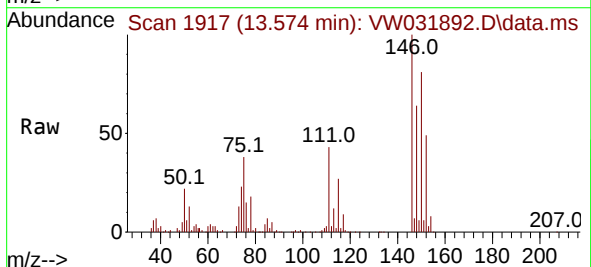
Tgt Ion:146 Resp: 66689

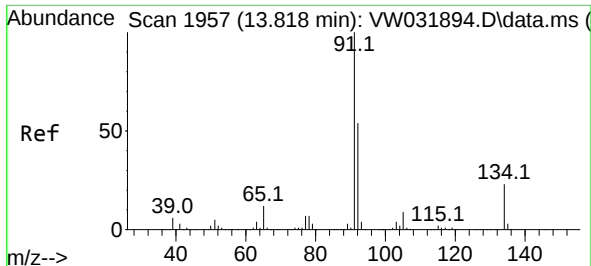
Ion Ratio Lower Upper

146 100

111 46.6 22.1 66.3

148 66.1 31.8 95.3





#89

n-Butylbenzene

Concen: 9.534 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

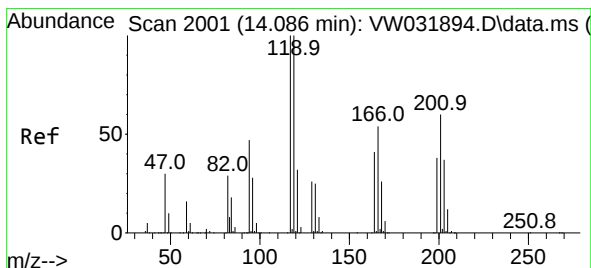
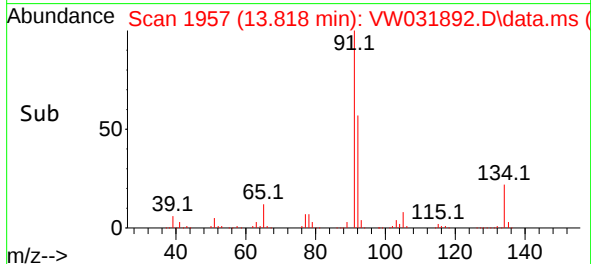
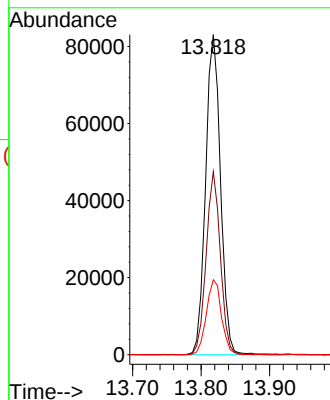
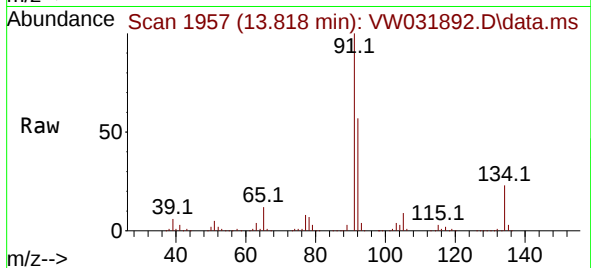
Tgt Ion: 91 Resp: 125846

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 23.7 11.6 34.7



#90

Hexachloroethane

Concen: 9.026 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031892.D

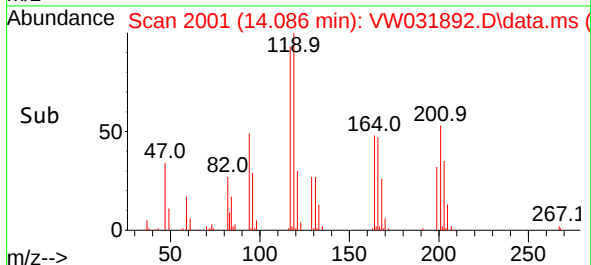
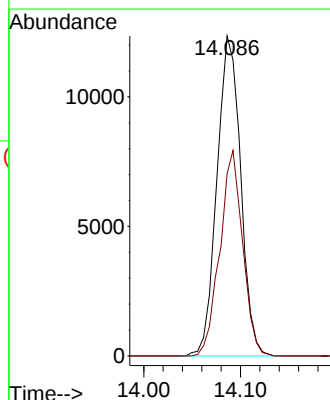
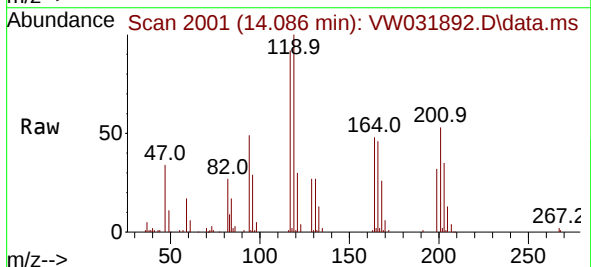
Acq: 22 Jul 2025 09:37

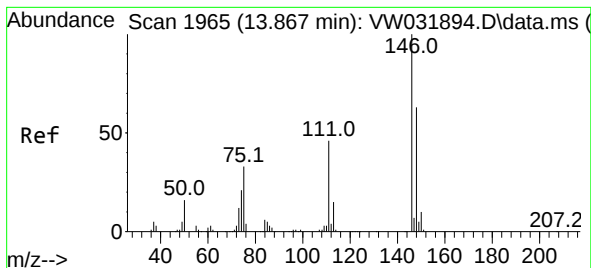
Tgt Ion: 117 Resp: 21002

Ion Ratio Lower Upper

117 100

201 61.7 28.4 85.2

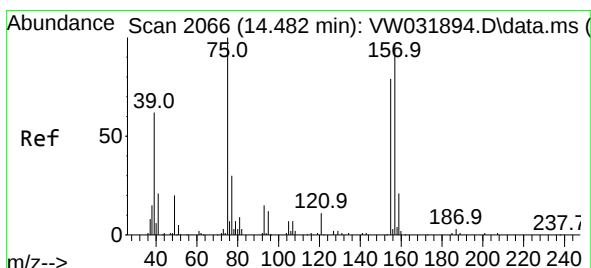
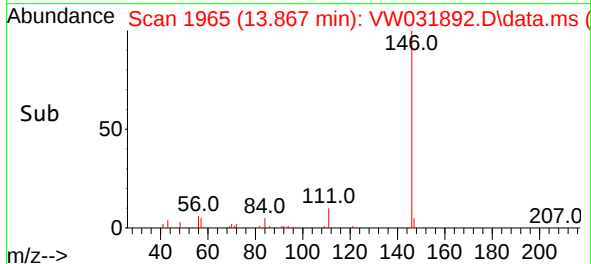
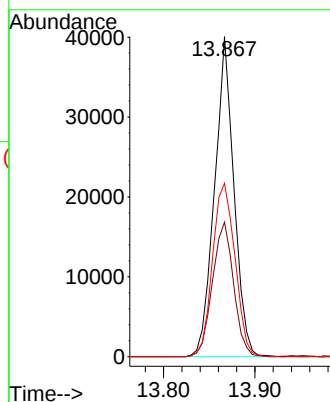
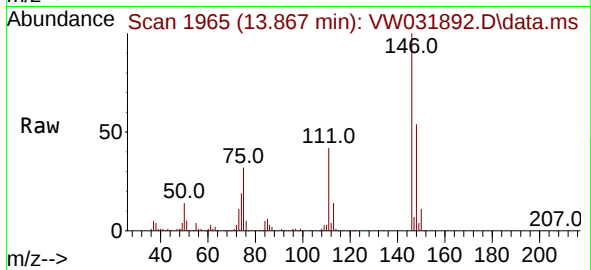




#91
1,2-Dichlorobenzene
Concen: 9.785 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

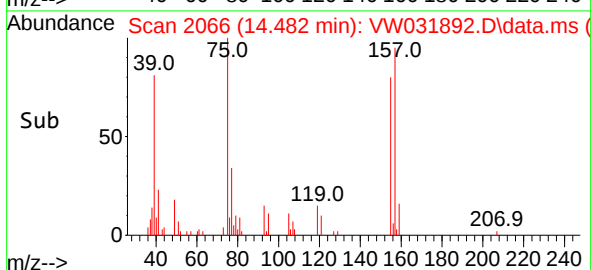
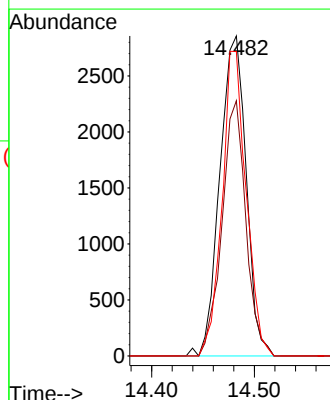
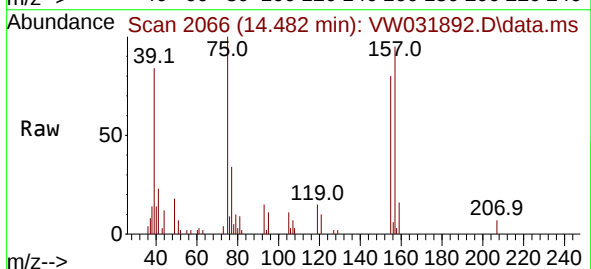
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

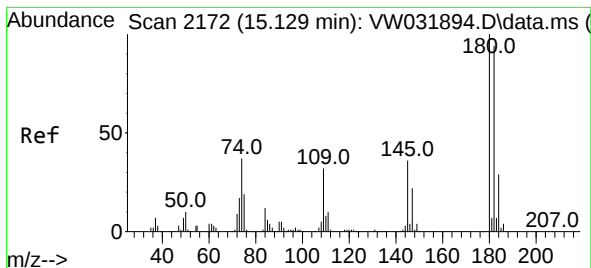
Tgt Ion:146 Resp: 59263
Ion Ratio Lower Upper
146 100
111 45.7 23.6 71.0
148 62.5 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.716 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion: 75 Resp: 5072
Ion Ratio Lower Upper
75 100
155 72.6 35.9 107.7
157 87.2 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 9.114 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

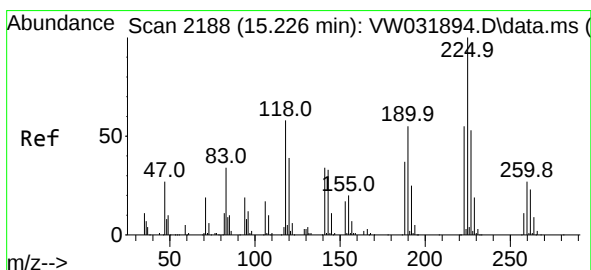
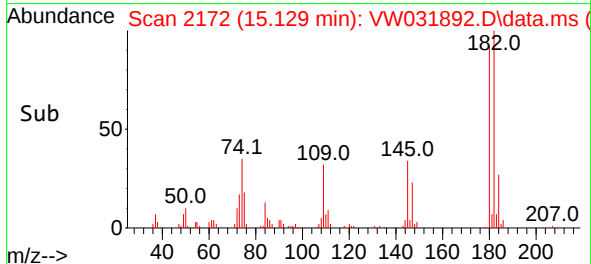
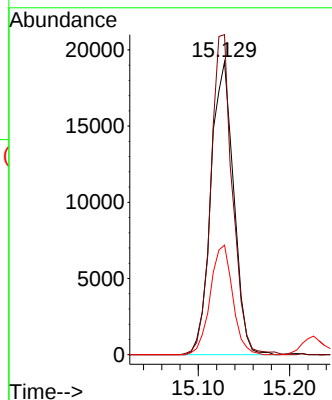
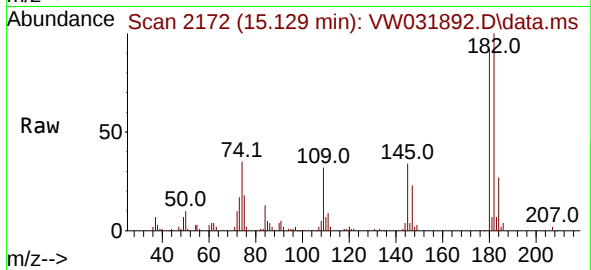
Tgt Ion:180 Resp: 33290

Ion Ratio Lower Upper

180 100

182 103.4 51.0 153.1

145 36.8 18.4 55.4



#94

Hexachlorobutadiene

Concen: 9.281 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031892.D

Acq: 22 Jul 2025 09:37

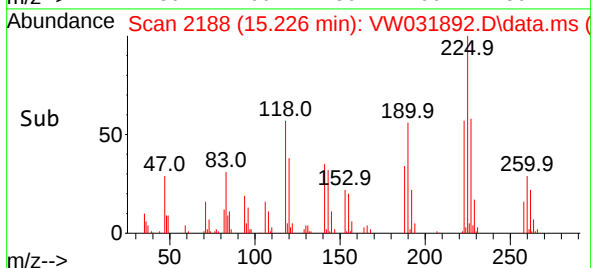
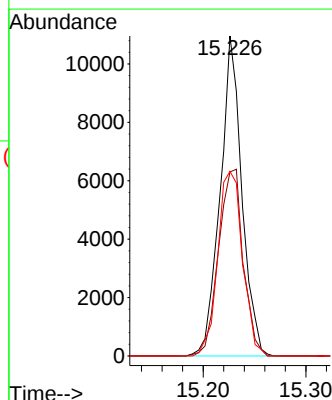
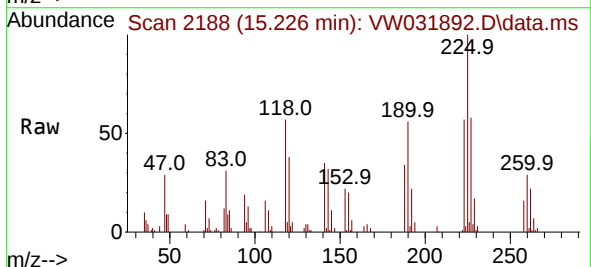
Tgt Ion:225 Resp: 16064

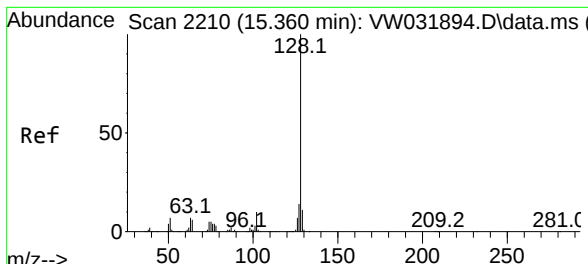
Ion Ratio Lower Upper

225 100

223 66.2 30.9 92.7

227 65.6 30.0 90.1

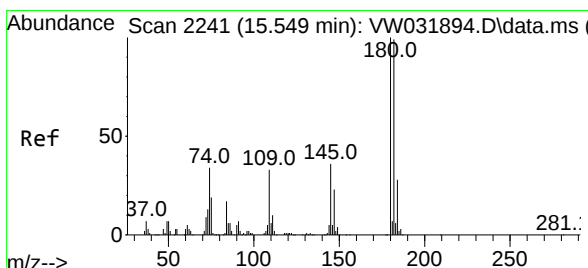
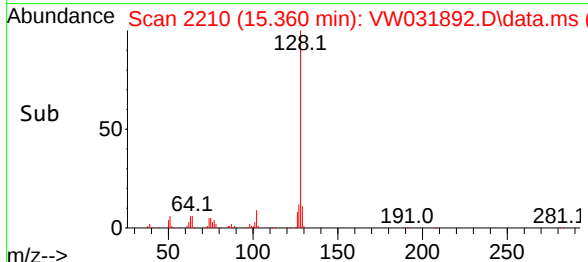
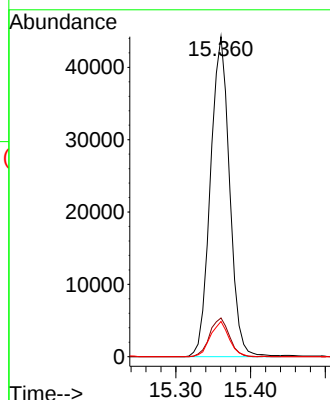
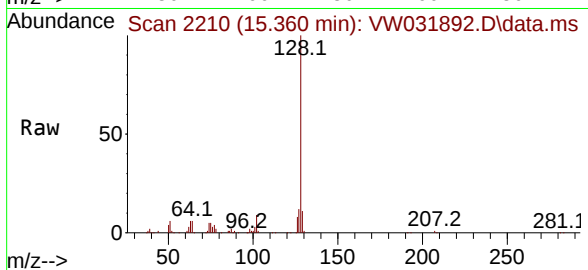




#95
Naphthalene
Concen: 8.792 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	78956
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.7	16.1
129	10.8	9.2	13.8



#96
1,2,3-Trichlorobenzene
Concen: 9.486 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031892.D
Acq: 22 Jul 2025 09:37

Tgt Ion:	180	Resp:	31394
Ion Ratio	Lower	Upper	
180	100		
182	89.3	50.4	151.2
145	36.9	18.6	55.8

