

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031891.D
 Acq On : 22 Jul 2025 09:05
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 23 07:59:12 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	7.965	168	228235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	449234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	394805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	183530	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.325	65	20528	5.946	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	11.900%#
35) Dibromofluoromethane	7.904	113	16097	5.273	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	10.540%#
50) Toluene-d8	10.325	98	62567	5.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	10.840%#
62) 4-Bromofluorobenzene	12.617	95	24327	5.484	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	10.960%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.052	85	9741	5.742	ug/l	97
3) Chloromethane	2.265	50	12168	5.589	ug/l	95
4) Vinyl Chloride	2.412	62	14484	5.121	ug/l	98
5) Bromomethane	2.832	94	11418	5.482	ug/l	98
6) Chloroethane	2.985	64	10231	5.481	ug/l	95
7) Trichlorofluoromethane	3.320	101	15281	5.334	ug/l	96
8) Diethyl Ether	3.735	74	11778	6.155	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.112	101	15377	5.581	ug/l	99
10) Methyl Iodide	4.314	142	22169	5.381	ug/l	97
11) Tert butyl alcohol	5.222	59	5422	26.716	ug/l	99
12) 1,1-Dichloroethene	4.082	96	16290	5.353	ug/l	94
13) Acrolein	3.942	56	9673	25.862	ug/l	97
14) Allyl chloride	4.716	41	24887	5.253	ug/l	97
15) Acrylonitrile	5.411	53	23139	27.048	ug/l	98
16) Acetone	4.173	43	23464	28.639	ug/l	99
17) Carbon Disulfide	4.423	76	40508	5.132	ug/l	98
18) Methyl Acetate	4.716	43	12046	5.337	ug/l	95
19) Methyl tert-butyl Ether	5.472	73	29007	5.516	ug/l	93
20) Methylene Chloride	4.966	84	36859	6.466	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	17499	5.419	ug/l	96
22) Diisopropyl ether	6.344	45	50407	5.317	ug/l #	88
23) Vinyl Acetate	6.289	43	160114	25.853	ug/l	98
24) 1,1-Dichloroethane	6.258	63	31324	5.307	ug/l	98
25) 2-Butanone	7.203	43	29641	26.442	ug/l	97
26) 2,2-Dichloropropane	7.191	77	18572	5.558	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	20040	5.279	ug/l	100
28) Bromochloromethane	7.539	49	13347	5.401	ug/l	99
29) Tetrahydrofuran	7.557	42	19682	26.780	ug/l	98
30) Chloroform	7.697	83	32764	5.294	ug/l	99
31) Cyclohexane	7.972	56	31936	6.031	ug/l #	79
32) 1,1,1-Trichloroethane	7.886	97	25435	5.401	ug/l	96
36) 1,1-Dichloropropene	8.100	75	23778	5.072	ug/l	98
37) Ethyl Acetate	7.277	43	13182	4.929	ug/l #	91
38) Carbon Tetrachloride	8.087	117	21986	4.887	ug/l	93
39) Methylcyclohexane	9.343	83	29428	4.988	ug/l	98
40) Benzene	8.343	78	69976	5.043	ug/l	95

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 23 07:59:12 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)
41) Methacrylonitrile	7.502	41	7259	4.608	ug/l #	86
42) 1,2-Dichloroethane	8.417	62	22835	5.141	ug/l	100
43) Isopropyl Acetate	8.435	43	24443	5.049	ug/l	99
44) Trichloroethene	9.105	130	16617	5.038	ug/l	97
45) 1,2-Dichloropropane	9.380	63	17128	5.125	ug/l	98
46) Dibromomethane	9.471	93	10488	5.062	ug/l	98
47) Bromodichloromethane	9.654	83	24125	4.856	ug/l	96
48) Methyl methacrylate	9.447	41	10983	4.768	ug/l	95
49) 1,4-Dioxane	9.465	88	1664	80.493	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	65866	24.860	ug/l	98
52) Toluene	10.392	92	44580	4.997	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	22560	4.734	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	26530	4.875	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	14199	5.160	ug/l	99
56) Ethyl methacrylate	10.648	69	17819	4.585	ug/l	92
57) 1,3-Dichloropropane	10.934	76	24166	4.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	46965	23.525	ug/l	99
59) 2-Hexanone	10.971	43	45962	24.957	ug/l	96
60) Dibromochloromethane	11.130	129	15663	4.882	ug/l	96
61) 1,2-Dibromoethane	11.239	107	13545	4.981	ug/l	99
64) Tetrachloroethene	10.861	164	13609	5.228	ug/l #	88
65) Chlorobenzene	11.660	112	47998	4.967	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	14955	4.992	ug/l	99
67) Ethyl Benzene	11.733	91	85548	5.039	ug/l	100
68) m/p-Xylenes	11.843	106	63820	9.986	ug/l	100
69) o-Xylene	12.166	106	28989	4.793	ug/l	94
70) Styrene	12.178	104	50399	4.894	ug/l	98
71) Bromoform	12.349	173	7989	4.877	ug/l #	95
73) Isopropylbenzene	12.459	105	76941	4.832	ug/l	100
74) N-amyl acetate	12.270	43	20889	4.852	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	17372	5.139	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	21731	8.649	ug/l #	100
77) Bromobenzene	12.745	156	16967	4.924	ug/l	98
78) n-propylbenzene	12.806	91	97940	5.008	ug/l	100
79) 2-Chlorotoluene	12.885	91	58659	5.023	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	64888	4.859	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	5052	4.603	ug/l	94
82) 4-Chlorotoluene	12.989	91	62666	5.115	ug/l	99
83) tert-Butylbenzene	13.202	119	56981	5.009	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	67882	5.022	ug/l	97
85) sec-Butylbenzene	13.379	105	86541	5.066	ug/l	98
86) p-Isopropyltoluene	13.489	119	71432	5.059	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	37803	5.271	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	37516	5.340	ug/l	94
89) n-Butylbenzene	13.818	91	70505	5.090	ug/l	98
90) Hexachloroethane	14.086	117	12586	5.154	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	33137	5.213	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	3359	5.501	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	20425	5.328	ug/l	93
94) Hexachlorobutadiene	15.226	225	9622	5.297	ug/l	99
95) Naphthalene	15.360	128	47376	5.027	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	17912	5.157	ug/l	94

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Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

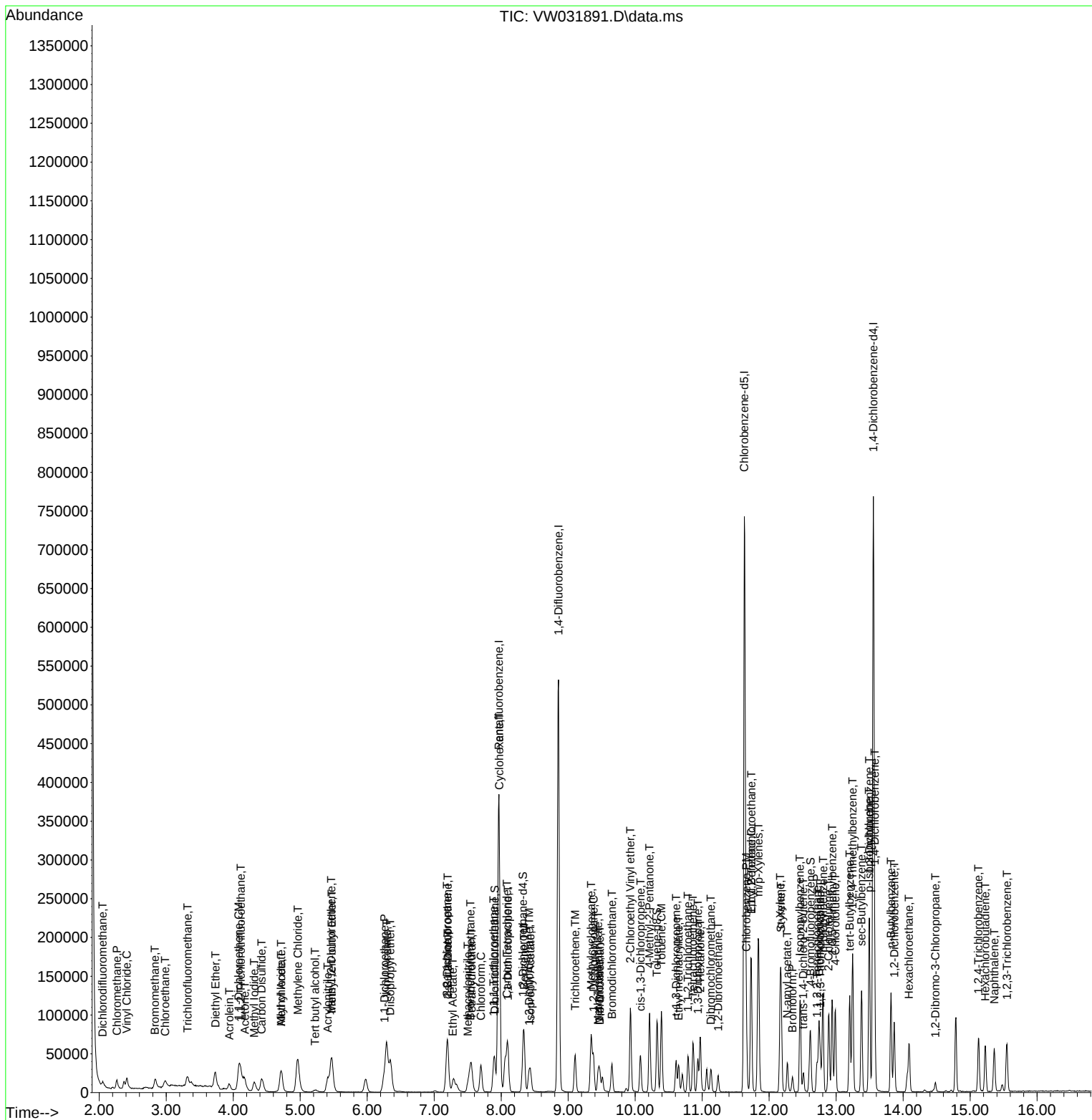
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MSVOA_W
ClientSampleId :
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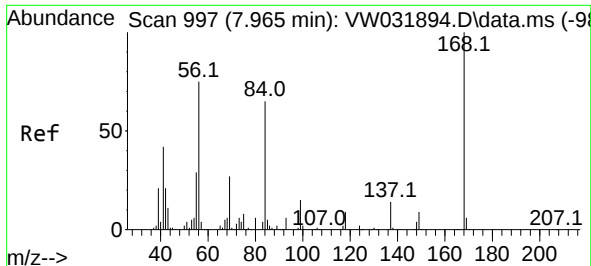
Quant Time: Jul 23 07:59:12 2025
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 07:57:09 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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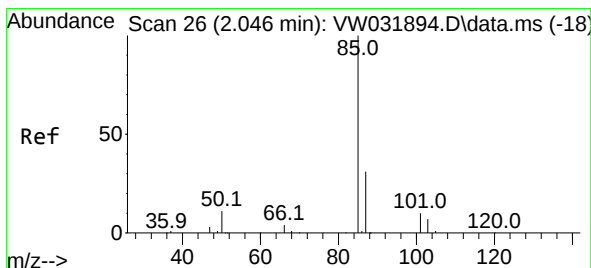
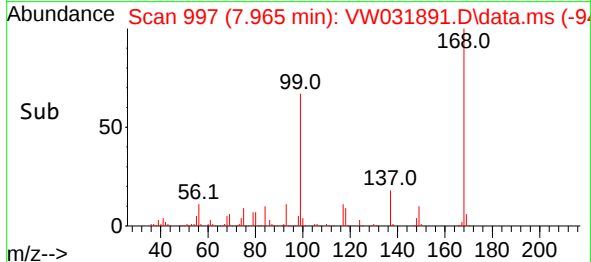
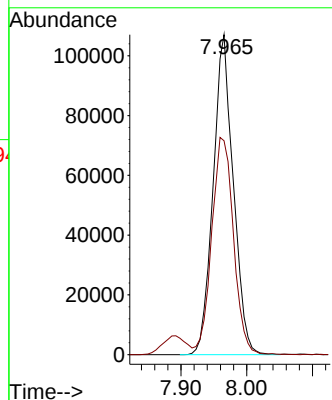
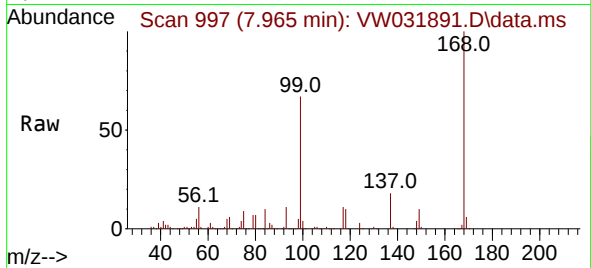




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

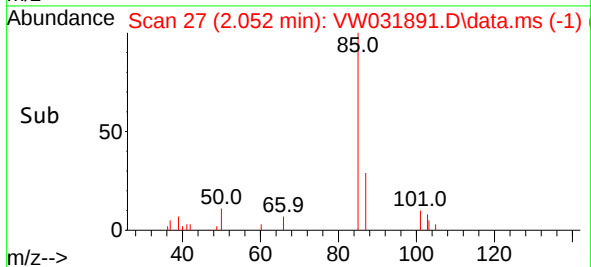
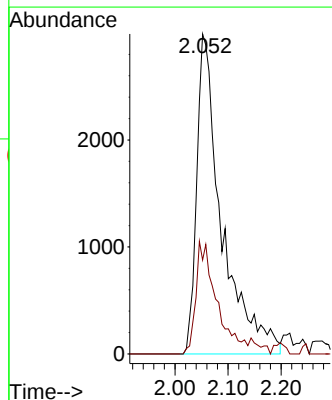
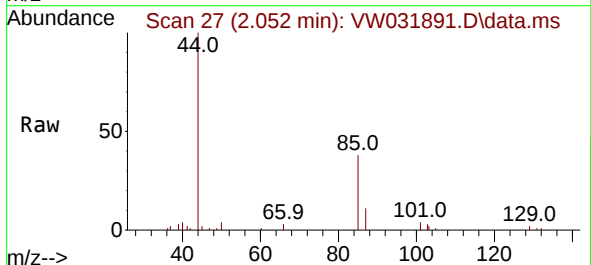
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

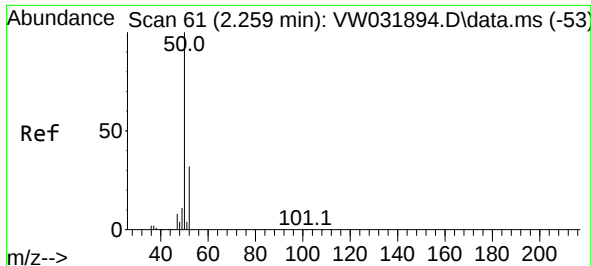
Tgt Ion:168 Resp: 228235
Ion Ratio Lower Upper
168 100
99 66.8 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 5.742 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 85 Resp: 9741
Ion Ratio Lower Upper
85 100
87 29.3 15.5 46.5

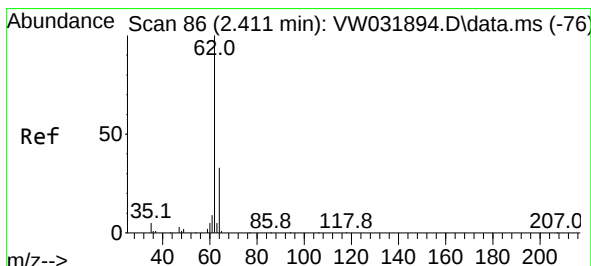
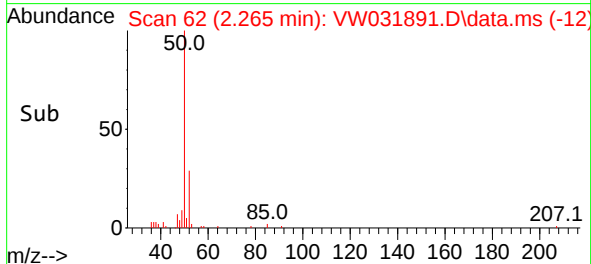
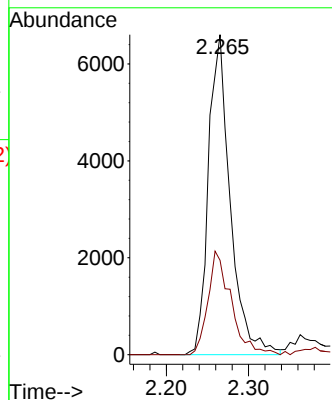
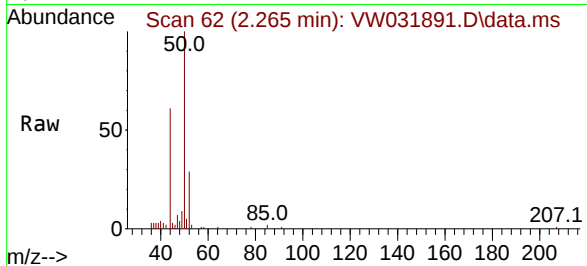




#3
Chloromethane
Concen: 5.589 ug/l
RT: 2.265 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

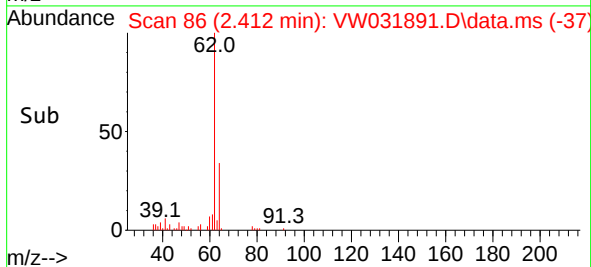
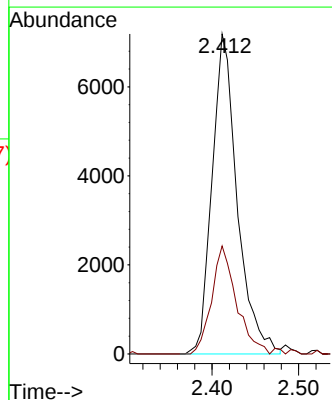
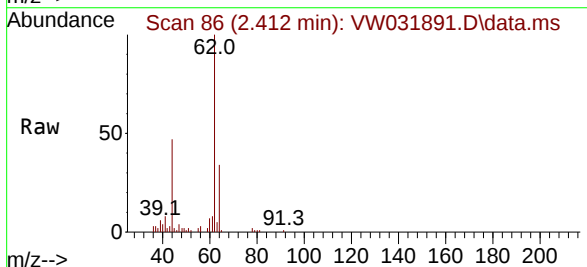
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

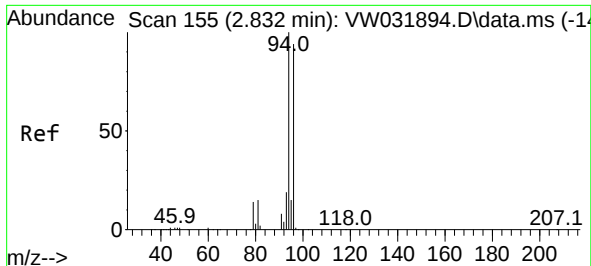
Tgt Ion: 50 Resp: 12168
Ion Ratio Lower Upper
50 100
52 29.5 25.7 38.5



#4
Vinyl Chloride
Concen: 5.121 ug/l
RT: 2.412 min Scan# 86
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 62 Resp: 14484
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2

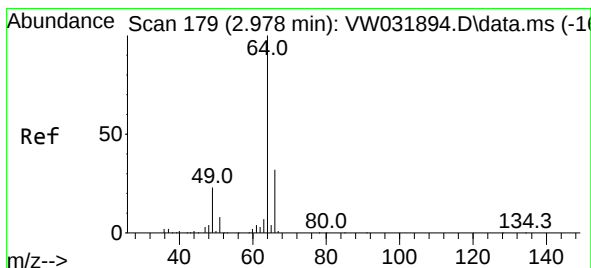
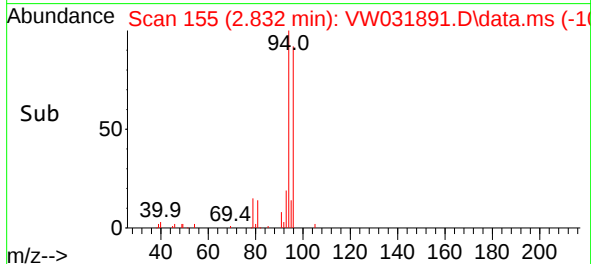
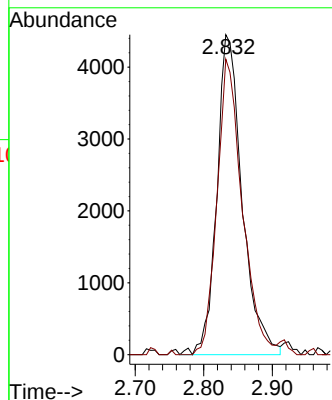
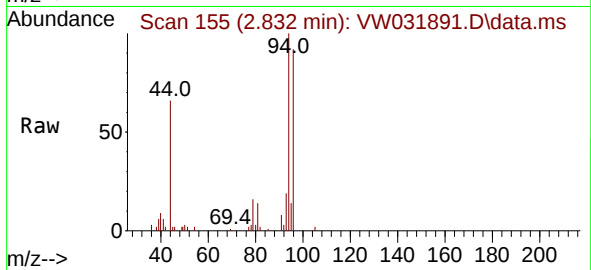




#5
Bromomethane
Concen: 5.482 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

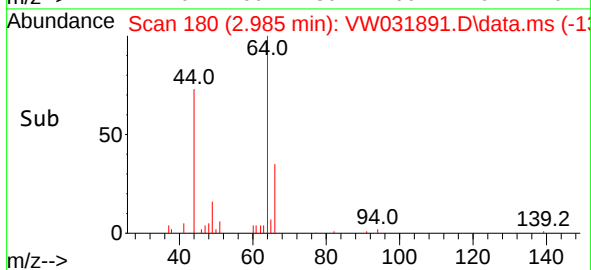
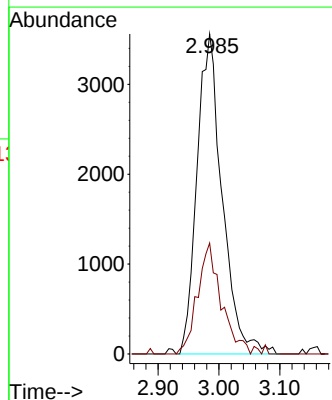
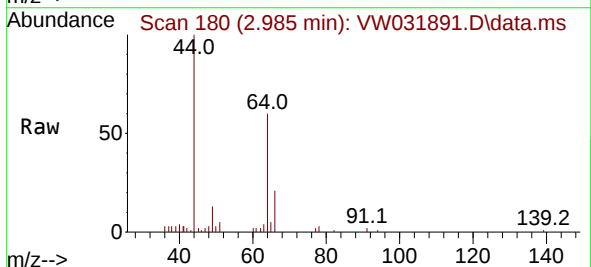
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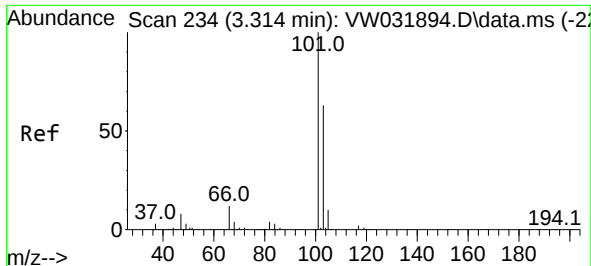
Tgt Ion: 94 Resp: 11418
Ion Ratio Lower Upper
94 100
96 92.3 75.0 112.6



#6
Chloroethane
Concen: 5.481 ug/l
RT: 2.985 min Scan# 180
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 64 Resp: 10231
Ion Ratio Lower Upper
64 100
66 34.7 25.6 38.4

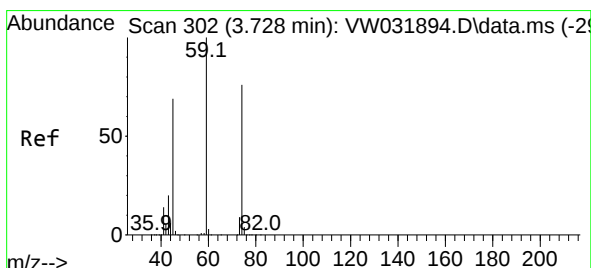
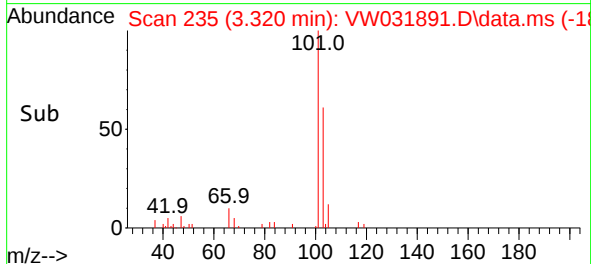
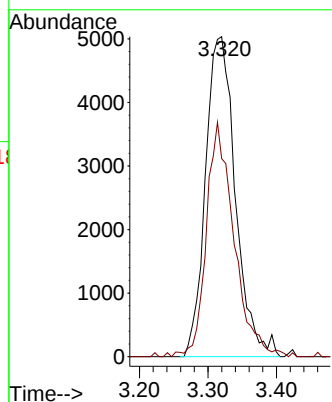
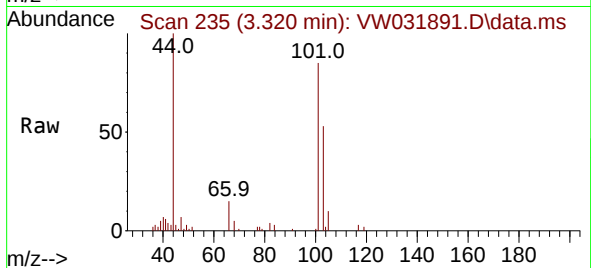




#7
 Trichlorofluoromethane
 Concen: 5.334 ug/l
 RT: 3.320 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

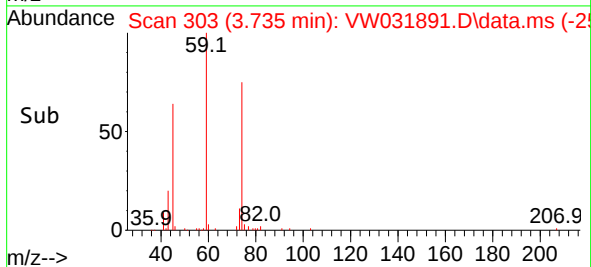
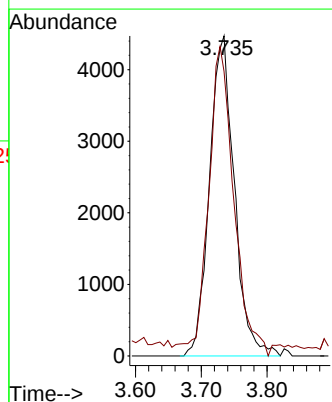
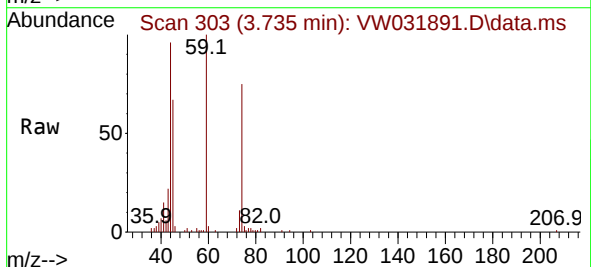
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

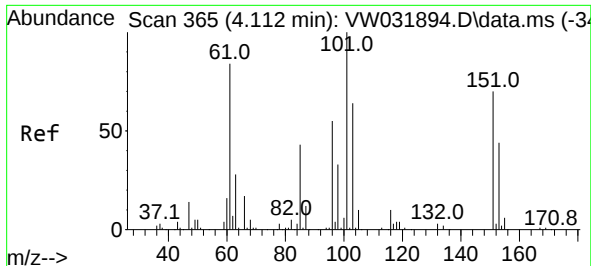
Tgt Ion:101 Resp: 15281
 Ion Ratio Lower Upper
 101 100
 103 60.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 6.155 ug/l
 RT: 3.735 min Scan# 303
 Delta R.T. 0.006 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

Tgt Ion: 74 Resp: 11778
 Ion Ratio Lower Upper
 74 100
 45 97.3 45.5 136.5

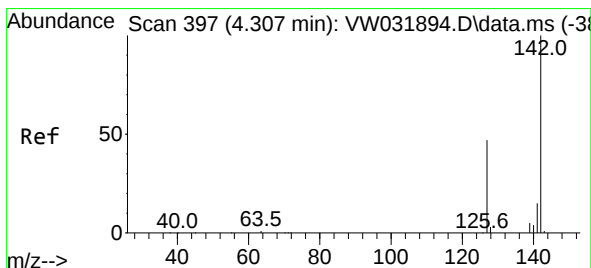
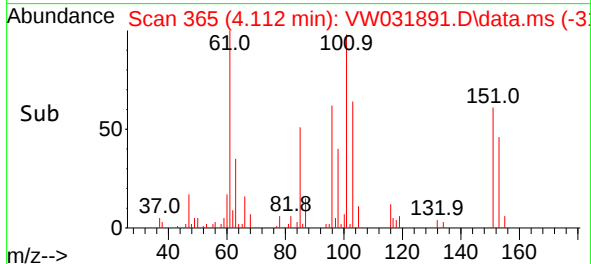
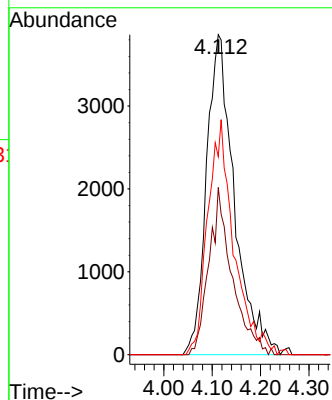
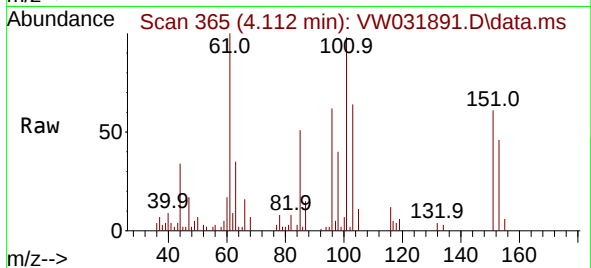




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.581 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

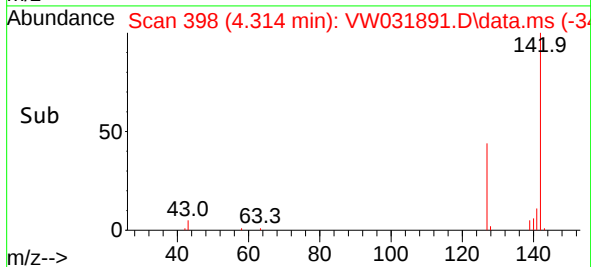
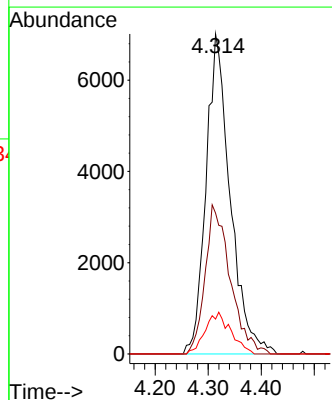
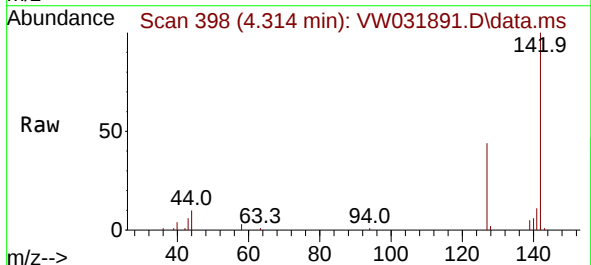
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

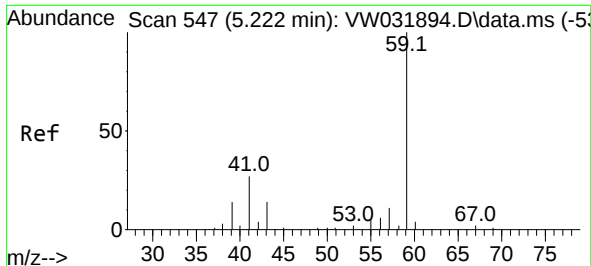
Tgt Ion:101 Resp: 15377
Ion Ratio Lower Upper
101 100
85 43.8 35.5 53.3
151 67.0 54.6 81.8



#10
Methyl Iodide
Concen: 5.381 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:142 Resp: 22169
Ion Ratio Lower Upper
142 100
127 48.5 37.4 56.2
141 13.8 11.9 17.9

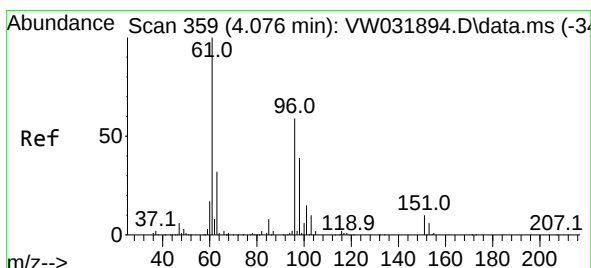
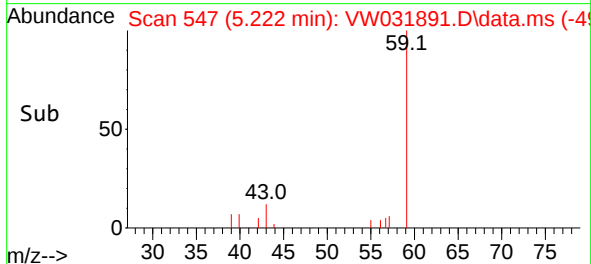
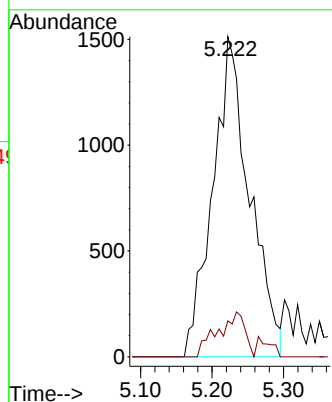
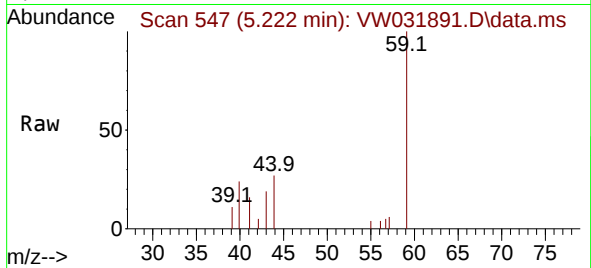




#11
Tert butyl alcohol
Concen: 26.716 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

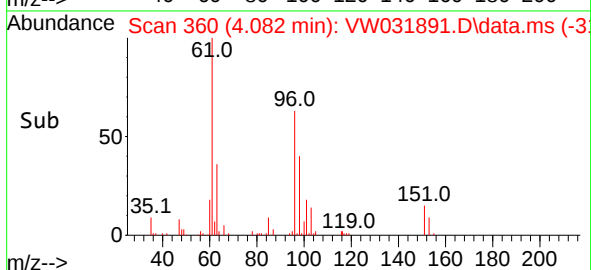
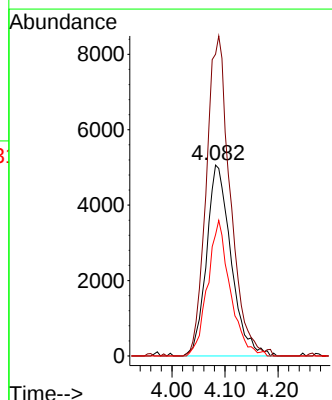
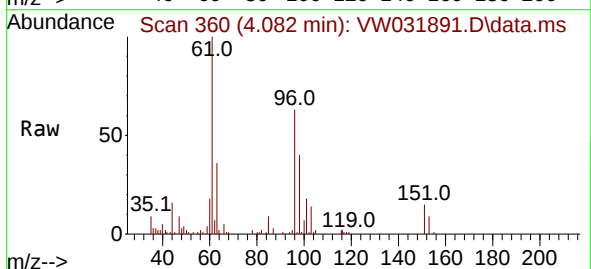
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

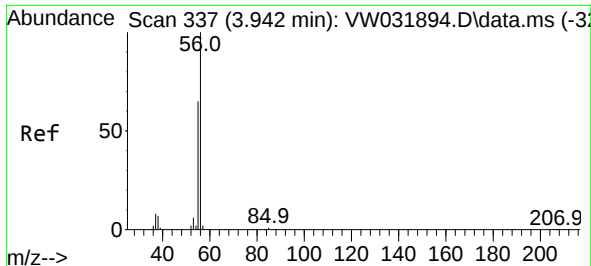
Tgt Ion: 59 Resp: 5422
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 5.353 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 96 Resp: 16290
Ion Ratio Lower Upper
96 100
61 158.1 135.0 202.6
98 63.5 52.3 78.5

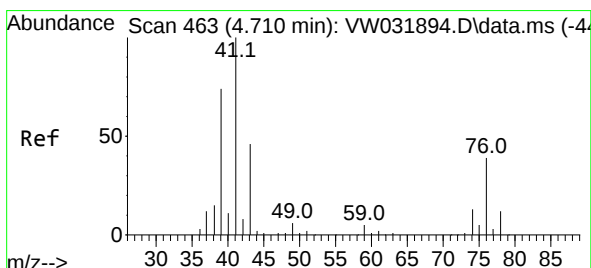
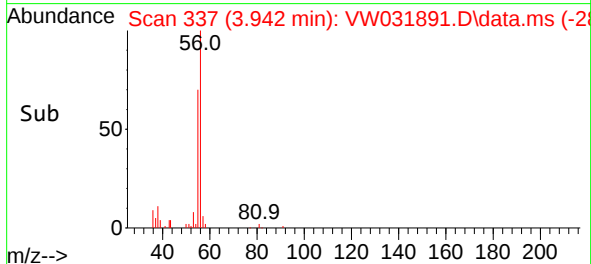
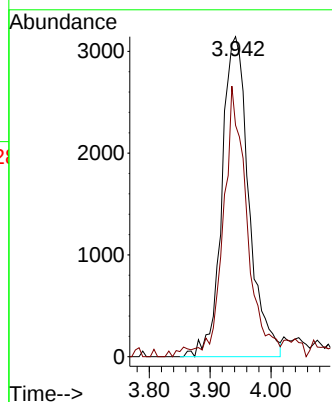
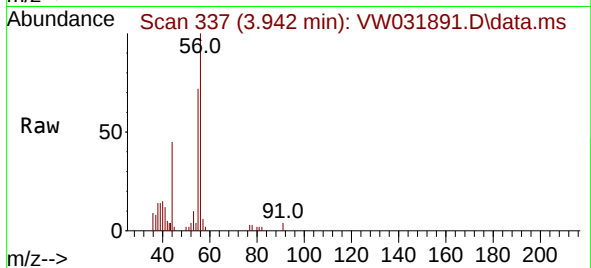




#13
Acrolein
Concen: 25.862 ug/l
RT: 3.942 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

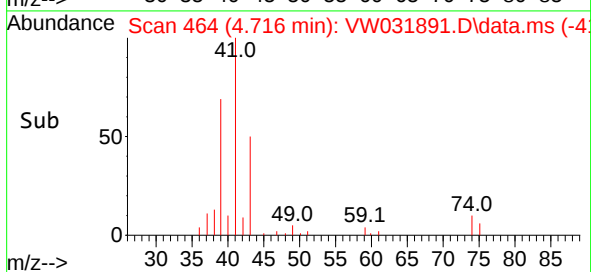
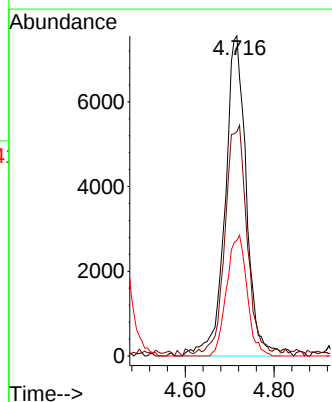
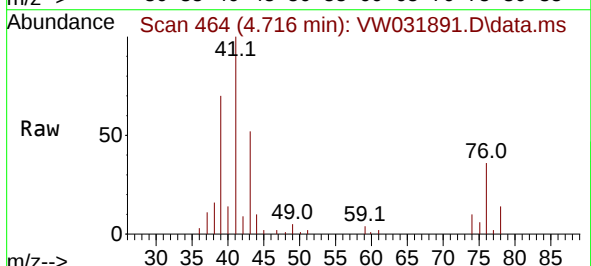
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

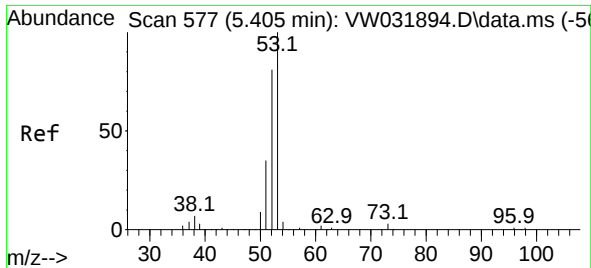
Tgt Ion: 56 Resp: 9673
Ion Ratio Lower Upper
56 100
55 68.2 56.7 85.1



#14
Allyl chloride
Concen: 5.253 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 41 Resp: 24887
Ion Ratio Lower Upper
41 100
39 74.1 56.6 85.0
76 36.4 30.1 45.1

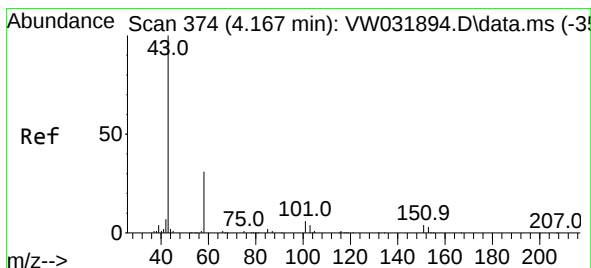
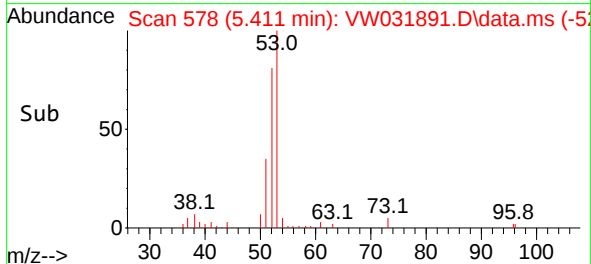
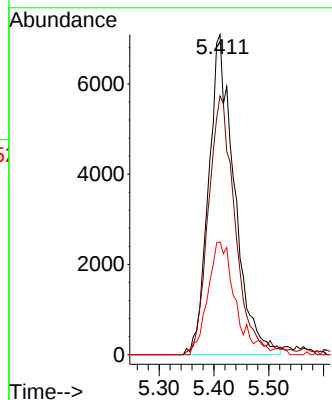
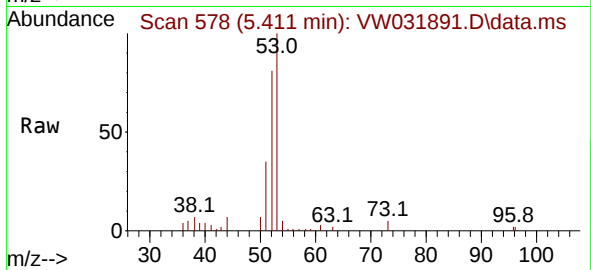




#15
Acrylonitrile
Concen: 27.048 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

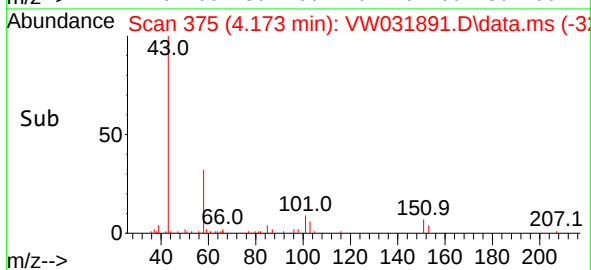
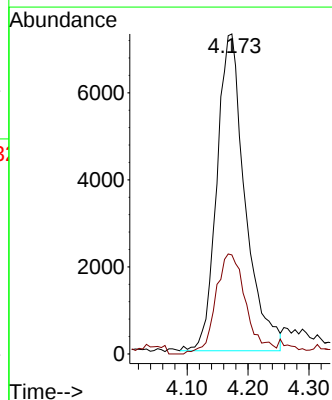
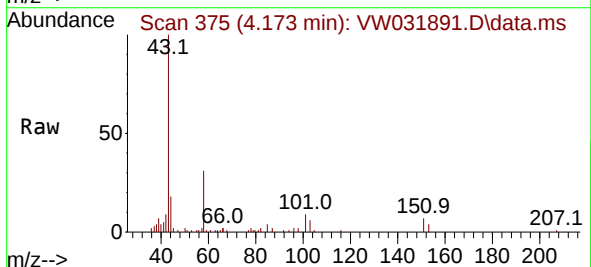
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

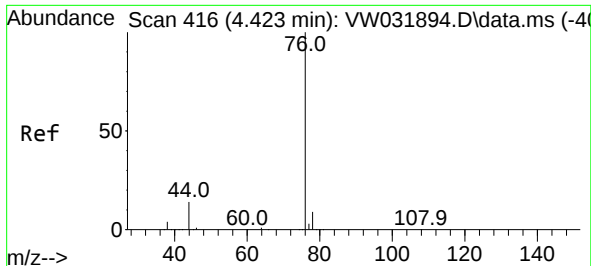
Tgt Ion: 53	Resp: 23139
Ion Ratio	Lower Upper
53 100	
52 82.1	67.0 100.4
51 38.0	29.9 44.9



#16
Acetone
Concen: 28.639 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 43	Resp: 23464
Ion Ratio	Lower Upper
43 100	
58 31.3	25.5 38.3

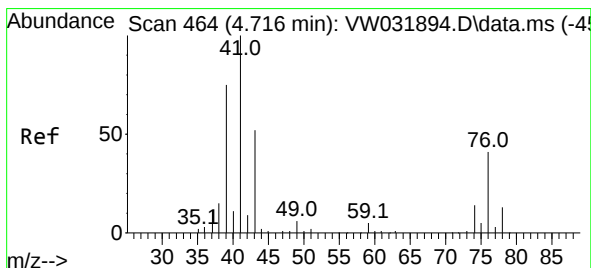
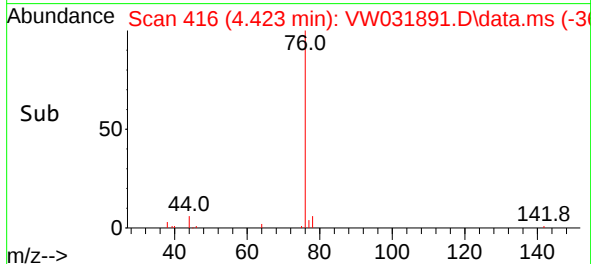
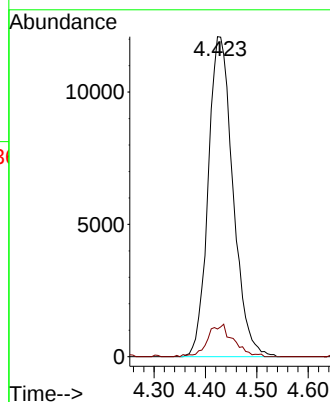
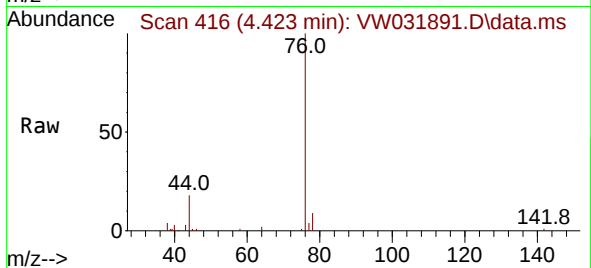




#17
Carbon Disulfide
Concen: 5.132 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

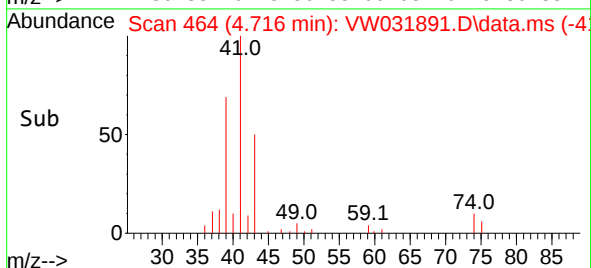
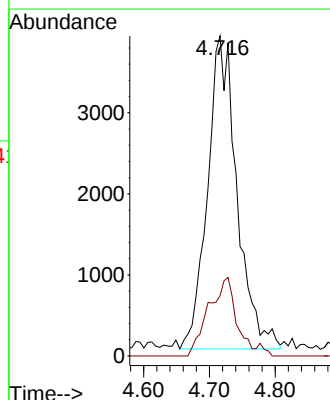
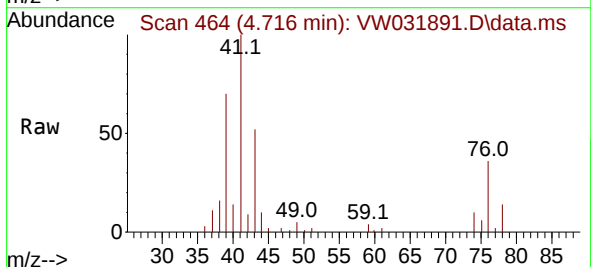
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

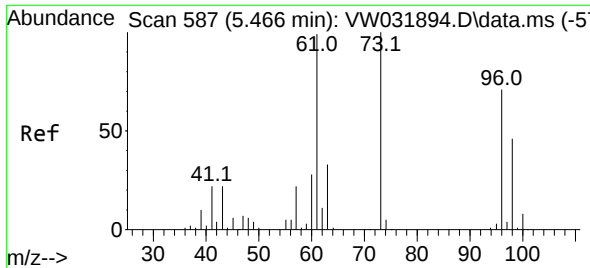
Tgt Ion: 76 Resp: 40508
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 5.337 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 43 Resp: 12046
Ion Ratio Lower Upper
43 100
74 23.5 20.6 31.0

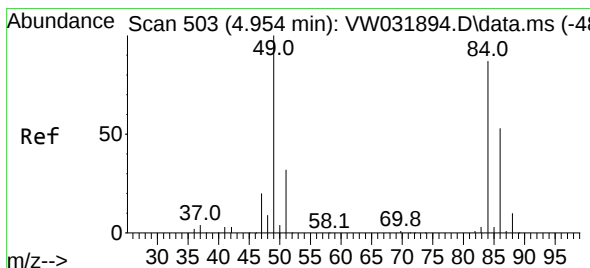
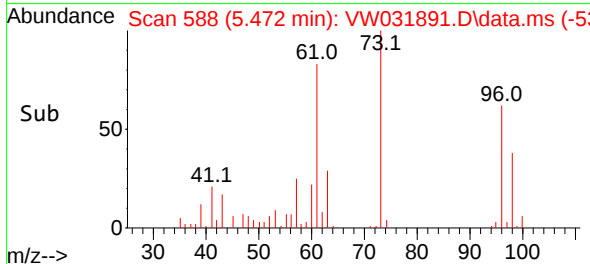
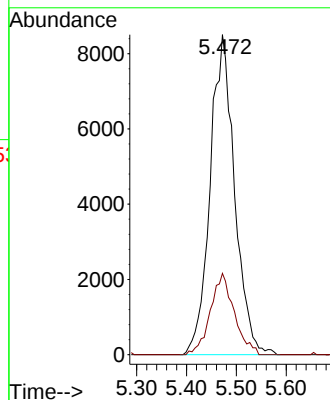
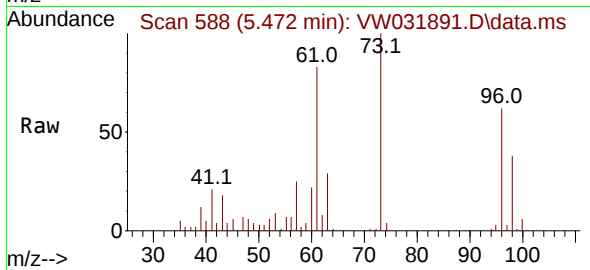




#19
Methyl tert-butyl Ether
Concen: 5.516 ug/l
RT: 5.472 min Scan# 505
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

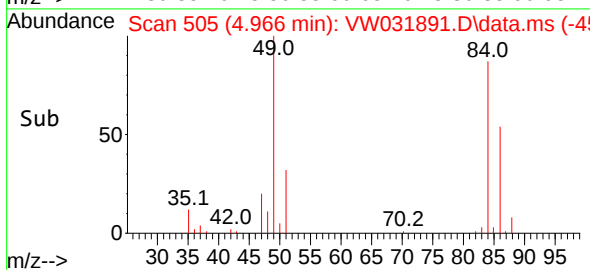
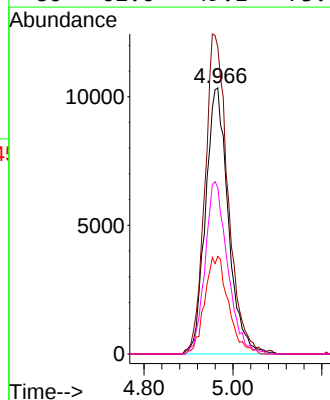
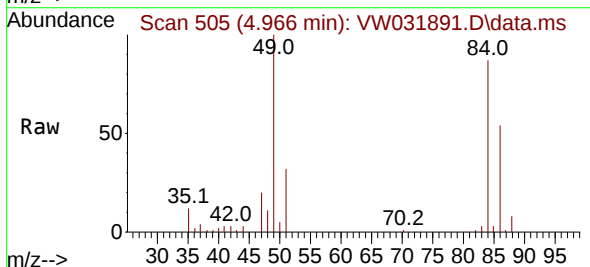
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

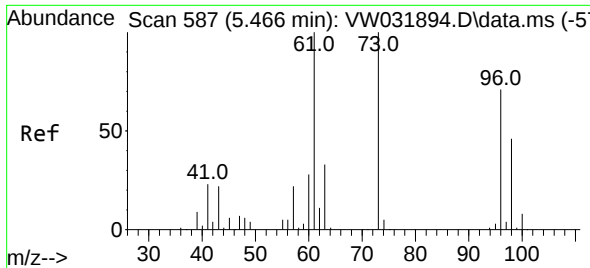
Tgt Ion: 73 Resp: 29007
Ion Ratio Lower Upper
73 100
57 25.4 17.5 26.3



#20
Methylene Chloride
Concen: 6.466 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 84 Resp: 36859
Ion Ratio Lower Upper
84 100
49 115.3 91.9 137.9
51 36.7 29.0 43.6
86 62.6 49.1 73.7

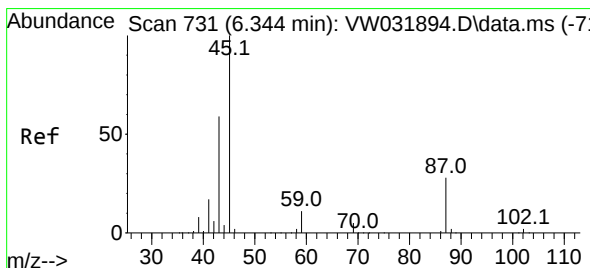
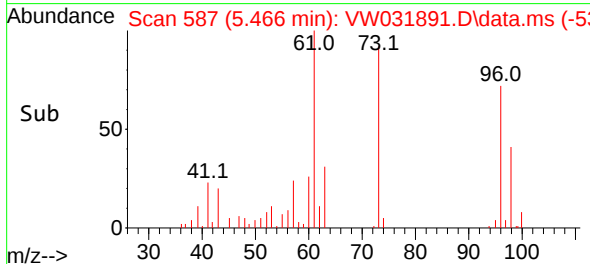
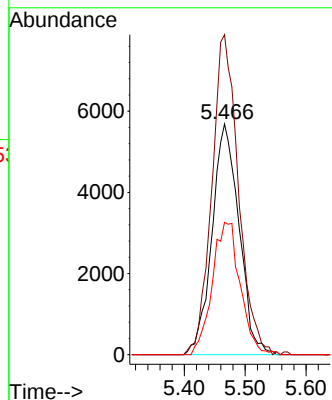
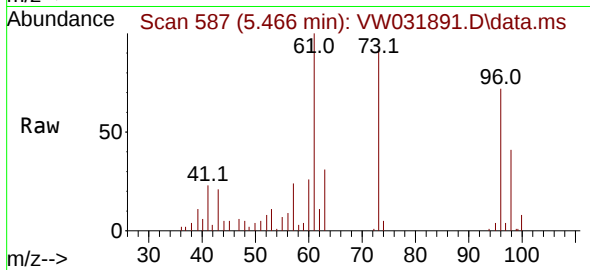




#21
trans-1,2-Dichloroethene
Concen: 5.419 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

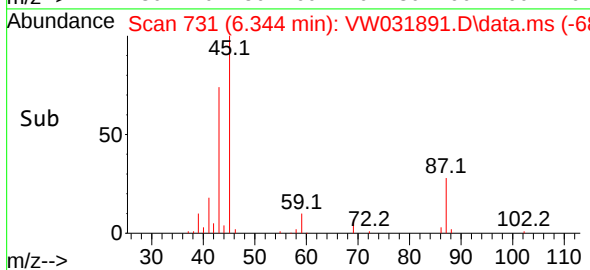
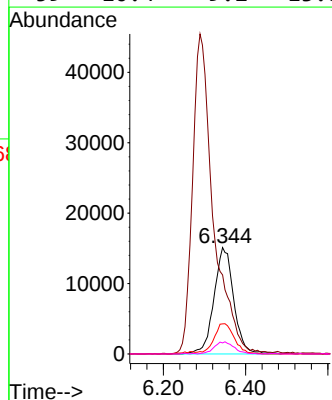
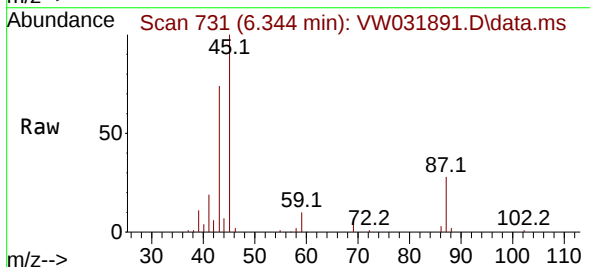
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

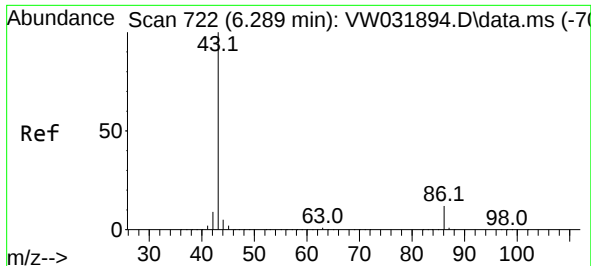
Tgt Ion: 96 Resp: 17499
Ion Ratio Lower Upper
96 100
61 138.7 112.8 169.2
98 57.4 51.9 77.9



#22
Diisopropyl ether
Concen: 5.317 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 45 Resp: 50407
Ion Ratio Lower Upper
45 100
43 72.9 47.0 70.6#
87 28.3 22.8 34.2
59 10.4 9.2 13.8

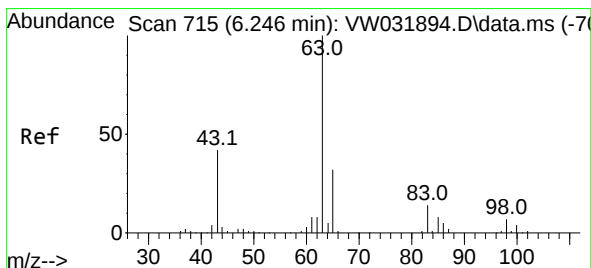
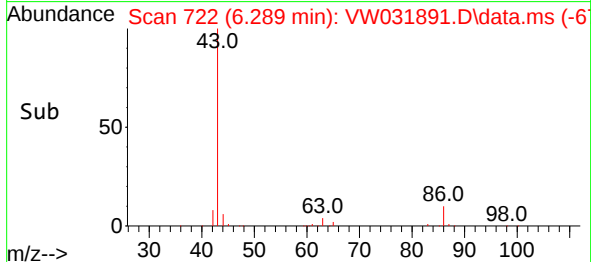
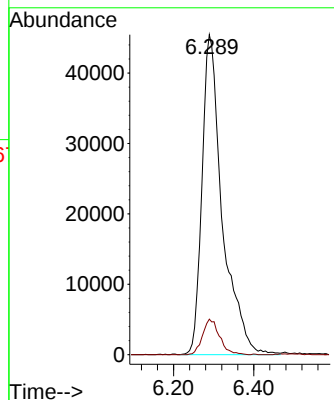
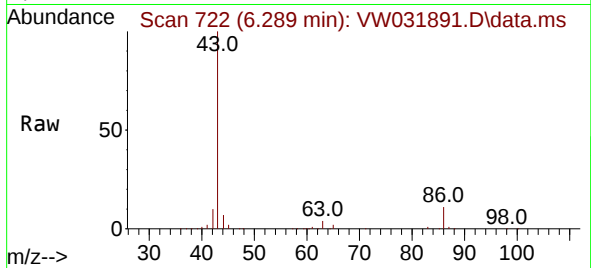




#23
 Vinyl Acetate
 Concen: 25.853 ug/l
 RT: 6.289 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

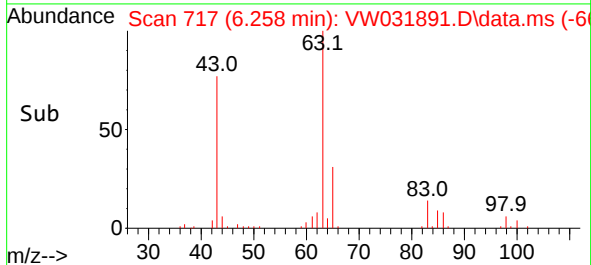
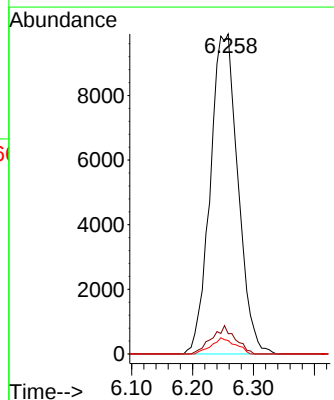
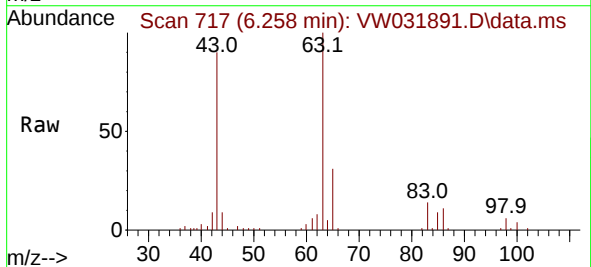
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

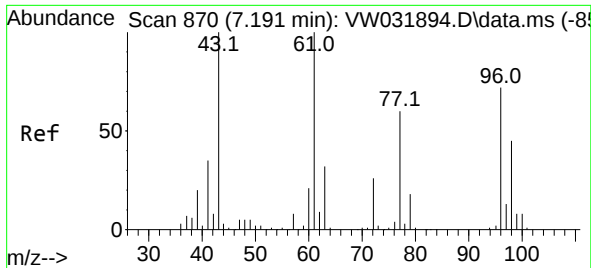
Tgt Ion: 43 Resp: 160114
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 5.307 ug/l
 RT: 6.258 min Scan# 717
 Delta R.T. 0.012 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

Tgt Ion: 63 Resp: 31324
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.2 2.2 6.6

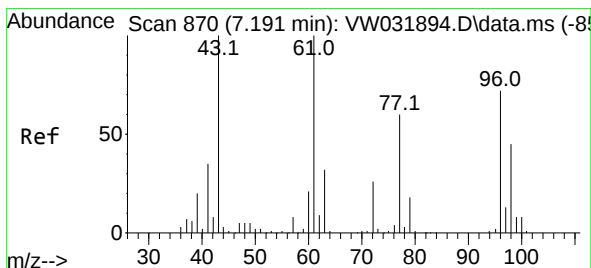
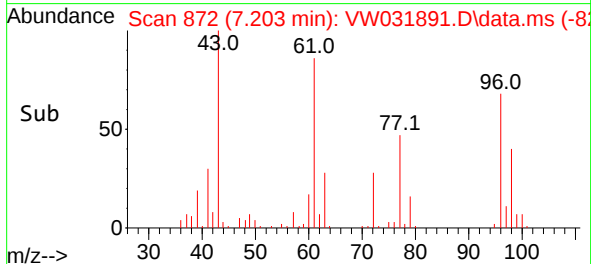
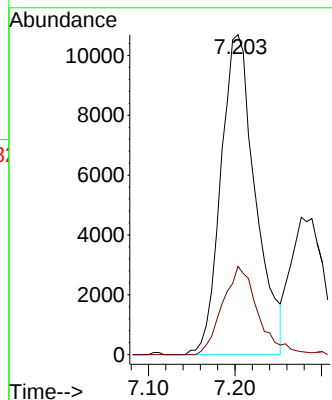
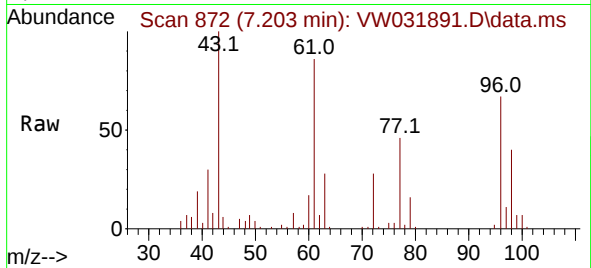




#25
2-Butanone
Concen: 26.442 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

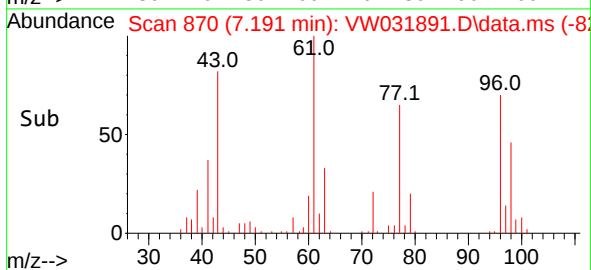
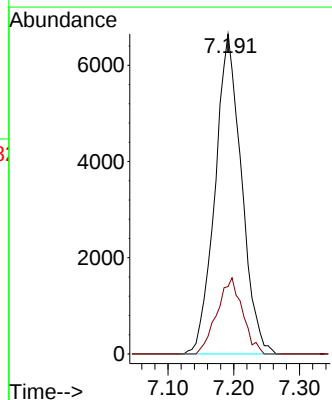
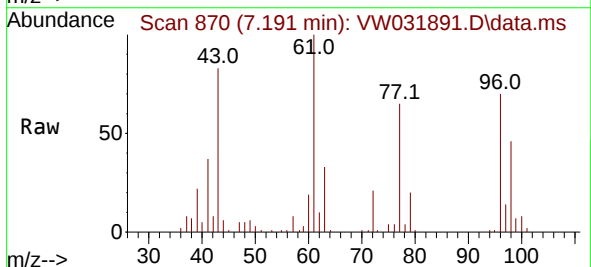
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

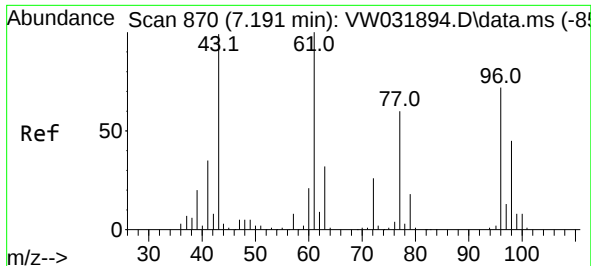
Tgt Ion: 43 Resp: 29641
Ion Ratio Lower Upper
43 100
72 27.6 20.8 31.2



#26
2,2-Dichloropropane
Concen: 5.558 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 77 Resp: 18572
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.279 ug/l

RT: 7.203 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

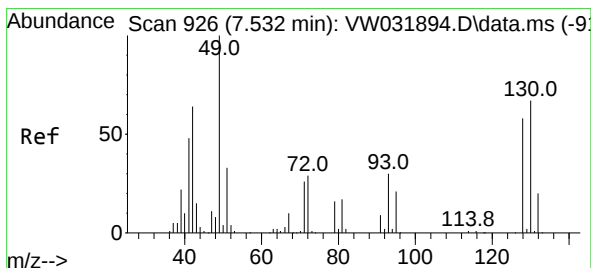
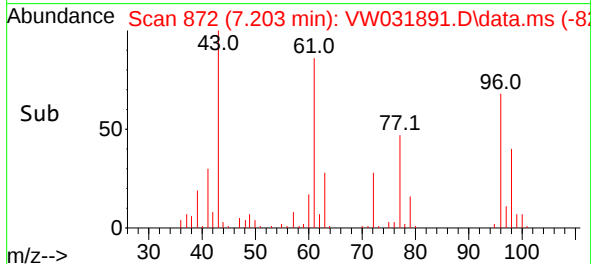
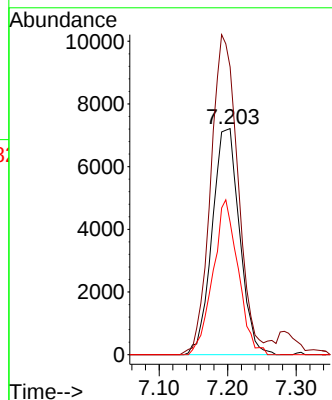
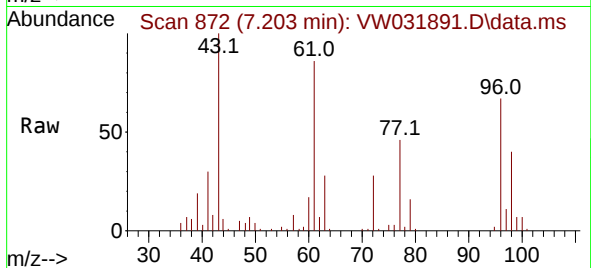
Tgt Ion: 96 Resp: 20040

Ion Ratio Lower Upper

96 100

61 140.4 0.0 280.2

98 62.8 0.0 126.8



#28

Bromochloromethane

Concen: 5.401 ug/l

RT: 7.539 min Scan# 927

Delta R.T. 0.006 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

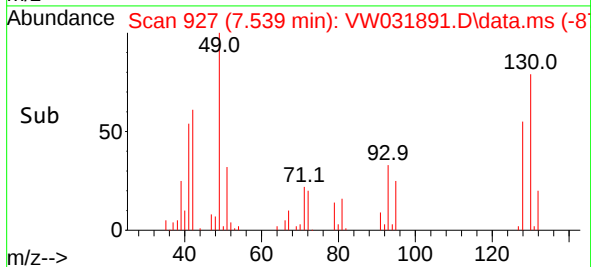
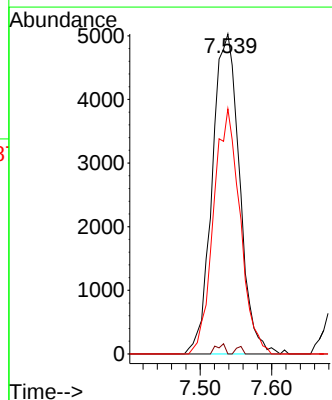
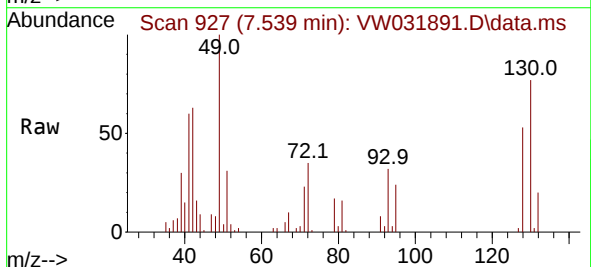
Tgt Ion: 49 Resp: 13347

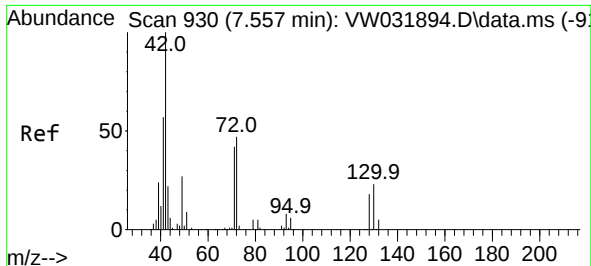
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.4

130 74.4 59.0 88.4





#29

Tetrahydrofuran

Concen: 26.780 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

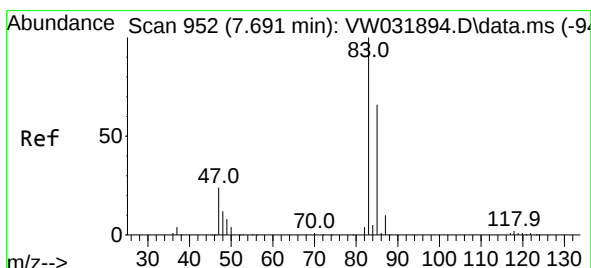
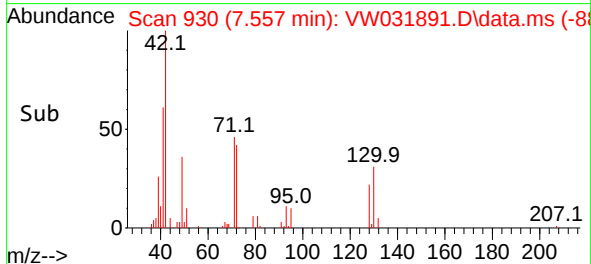
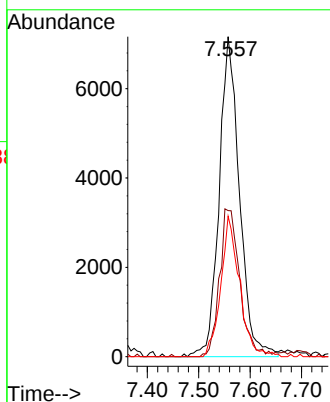
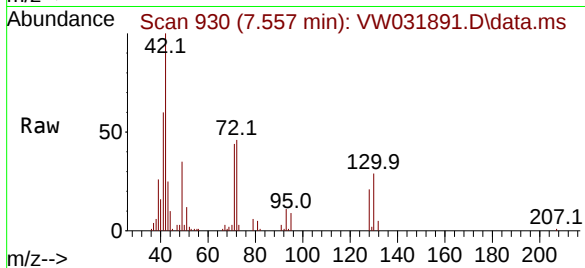
Tgt Ion: 42 Resp: 19682

Ion Ratio Lower Upper

42 100

72 46.0 37.0 55.6

71 40.6 34.5 51.7



#30

Chloroform

Concen: 5.294 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031891.D

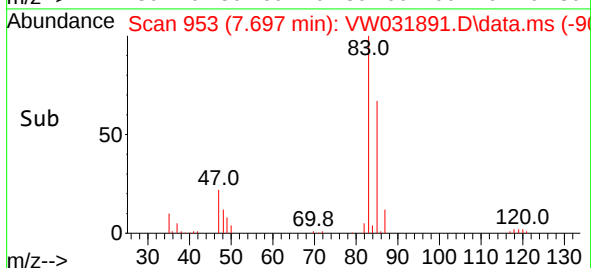
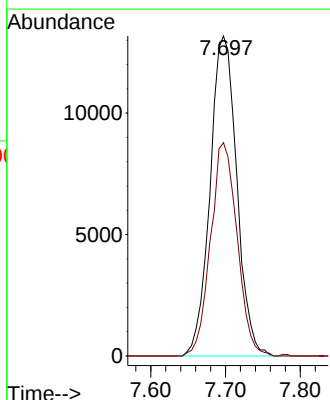
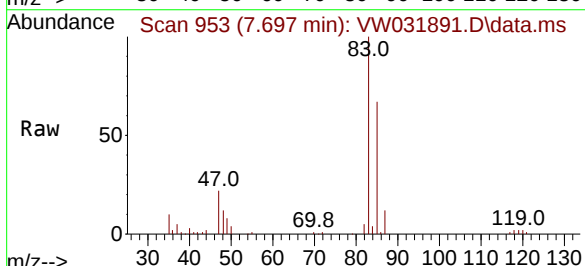
Acq: 22 Jul 2025 09:05

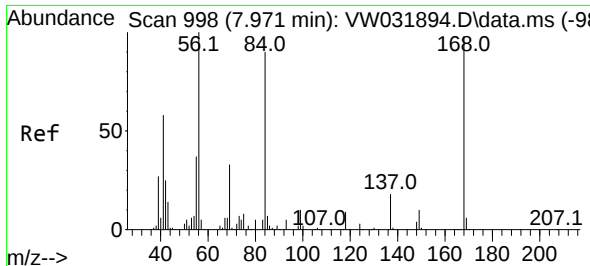
Tgt Ion: 83 Resp: 32764

Ion Ratio Lower Upper

83 100

85 66.6 52.6 78.8

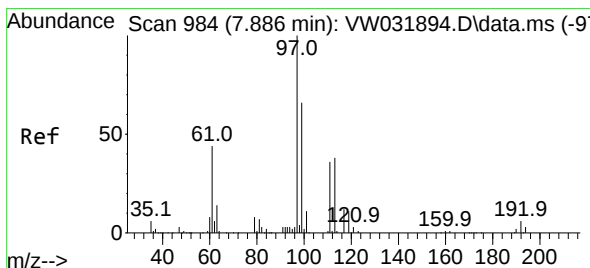
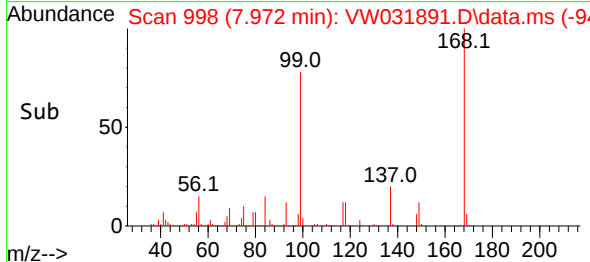
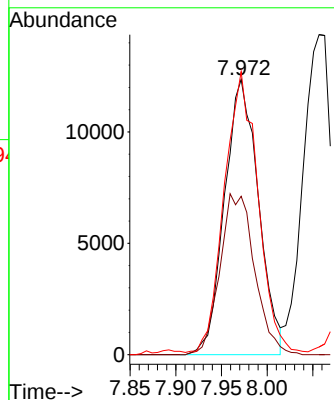
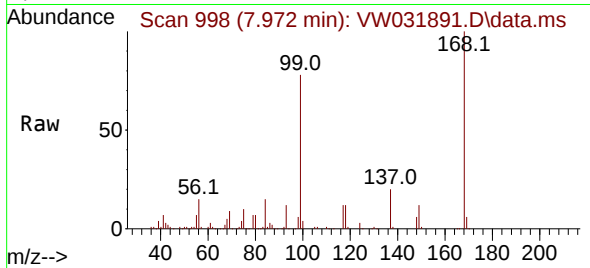




#31
Cyclohexane
Concen: 6.031 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

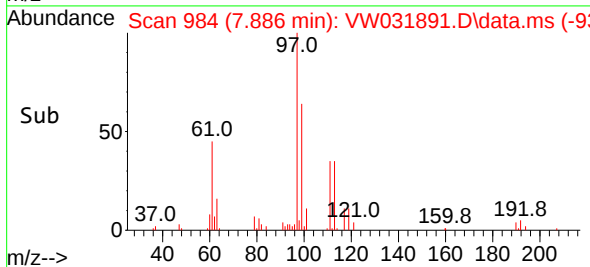
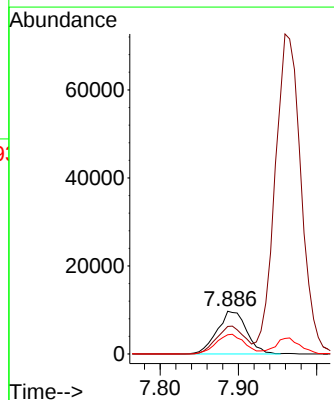
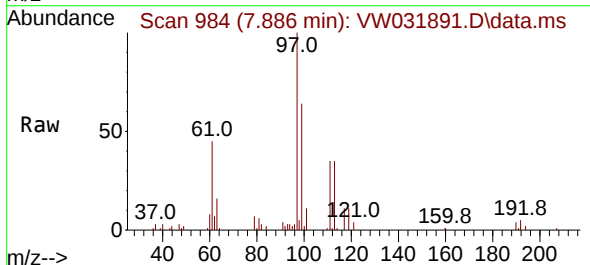
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

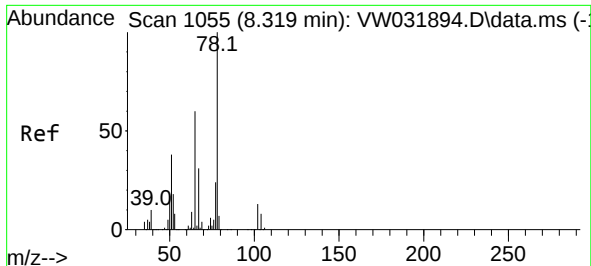
Tgt Ion: 56 Resp: 31936
Ion Ratio Lower Upper
56 100
69 57.6 26.7 40.1#
84 101.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.401 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 97 Resp: 25435
Ion Ratio Lower Upper
97 100
99 61.3 53.0 79.4
61 44.4 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 5.946 ug/l

RT: 8.325 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

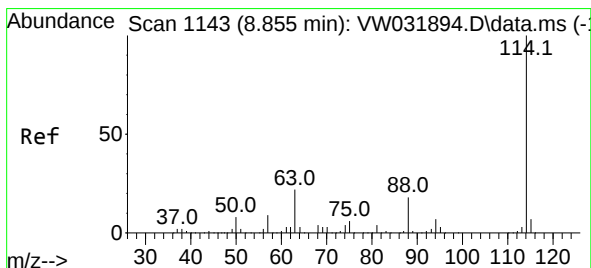
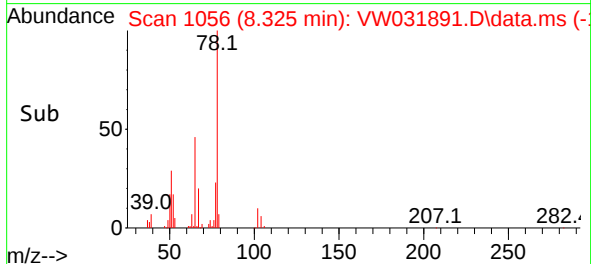
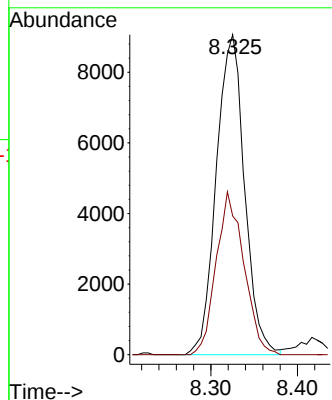
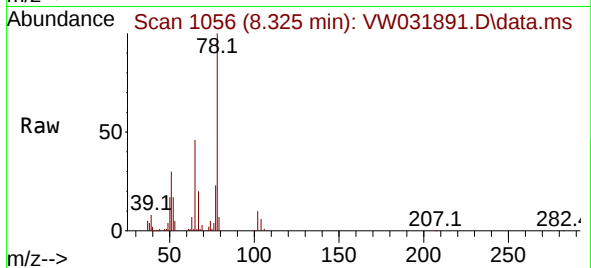
VSTDIC005

Tgt Ion: 65 Resp: 20528

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

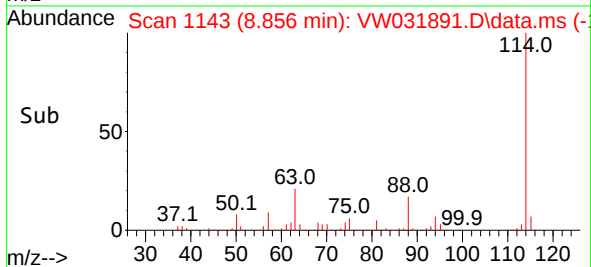
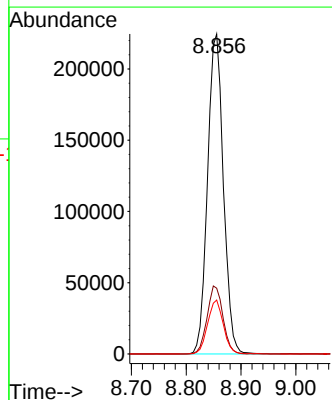
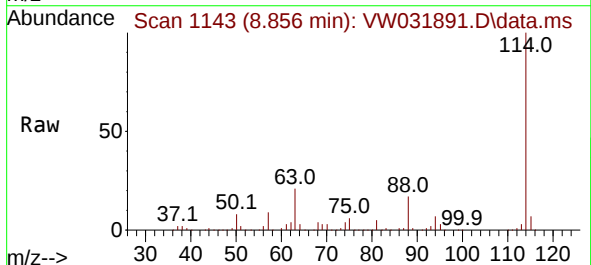
Tgt Ion: 114 Resp: 449234

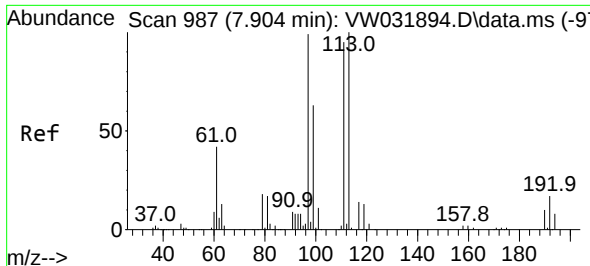
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 16.8 0.0 35.6

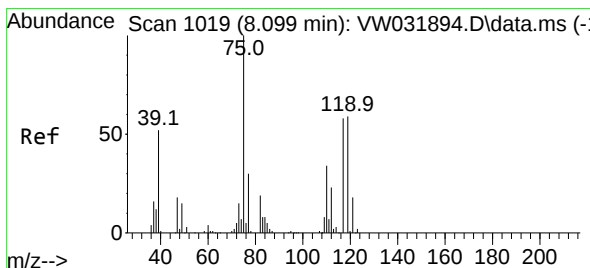
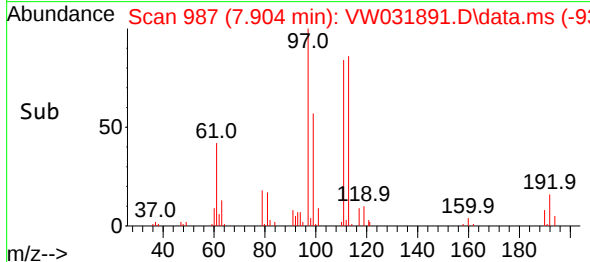
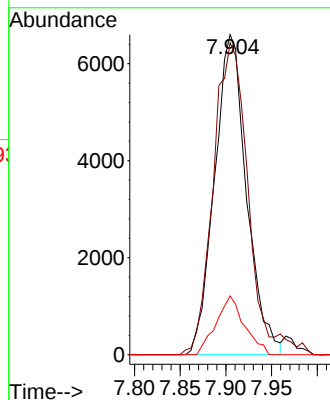
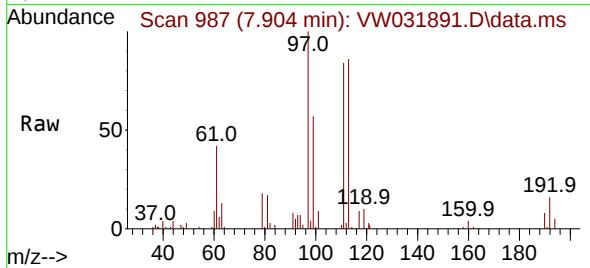




#35
 Dibromofluoromethane
 Concen: 5.273 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

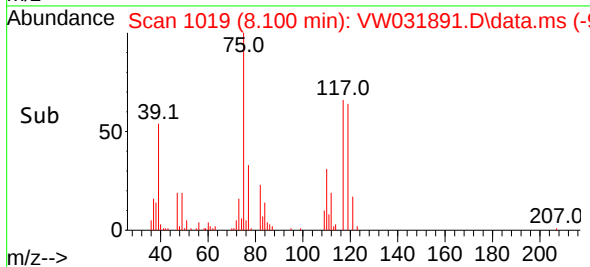
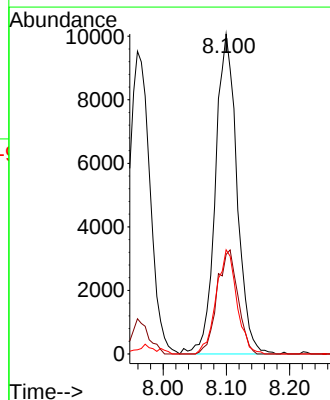
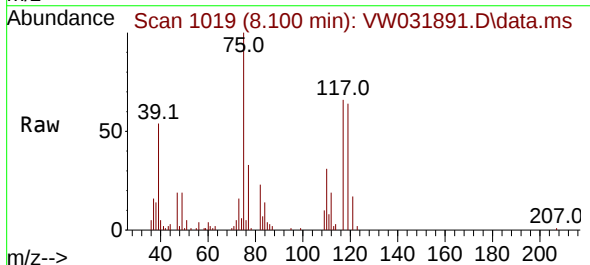
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

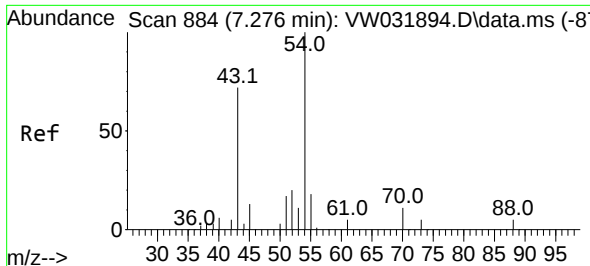
Tgt Ion: 113 Resp: 16097
 Ion Ratio Lower Upper
 113 100
 111 106.3 79.9 119.9
 192 16.2 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 5.072 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

Tgt Ion: 75 Resp: 23778
 Ion Ratio Lower Upper
 75 100
 110 31.6 17.0 50.9
 77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 4.929 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

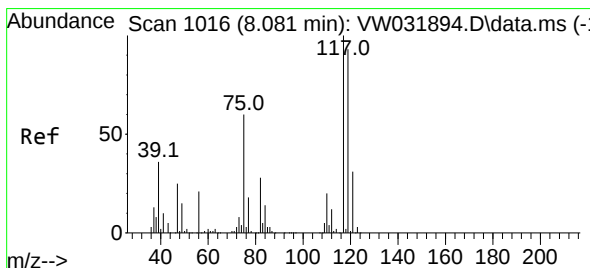
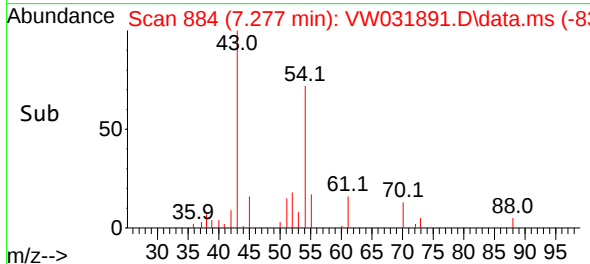
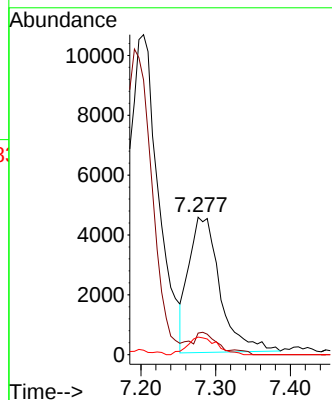
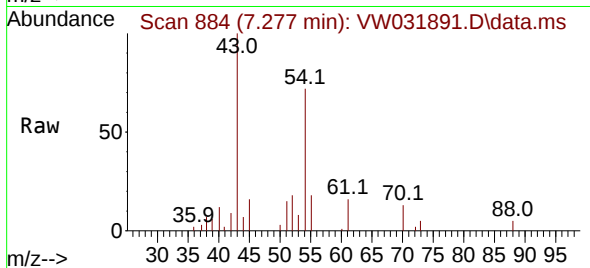
Tgt Ion: 43 Resp: 13182

Ion Ratio Lower Upper

43 100

61 7.4 10.6 15.8#

70 12.2 9.0 13.4



#38

Carbon Tetrachloride

Concen: 4.887 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

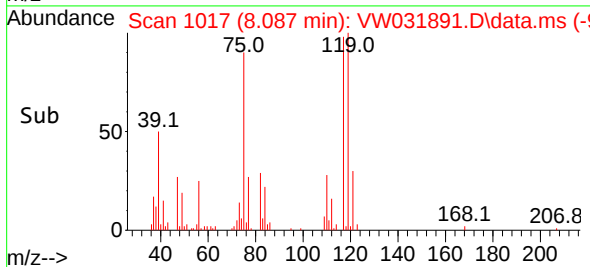
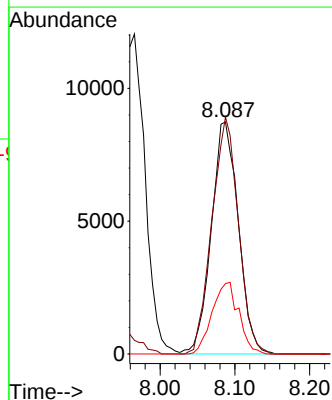
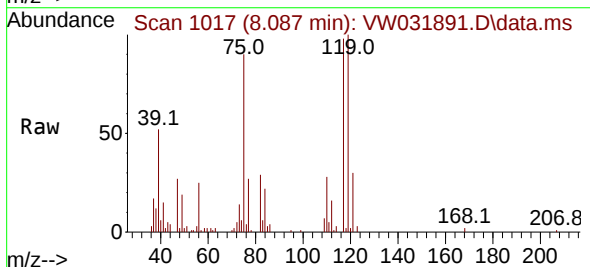
Tgt Ion: 117 Resp: 21986

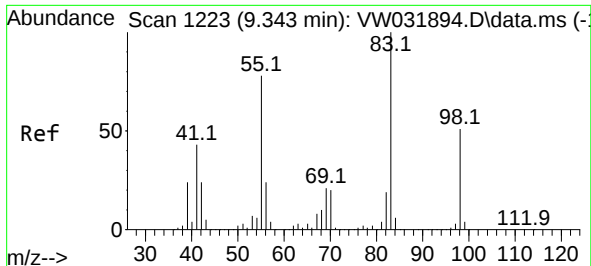
Ion Ratio Lower Upper

117 100

119 102.2 74.3 111.5

121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 4.988 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

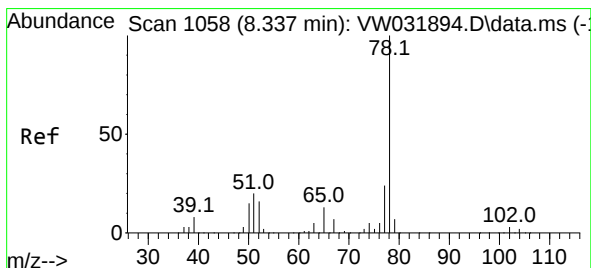
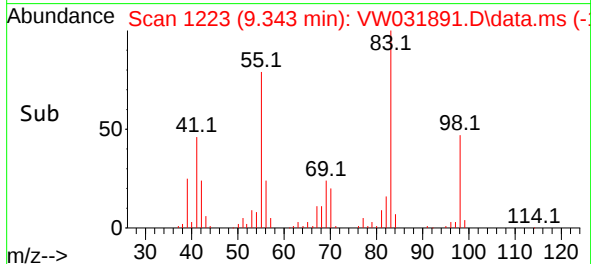
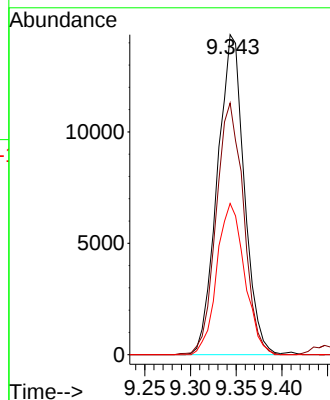
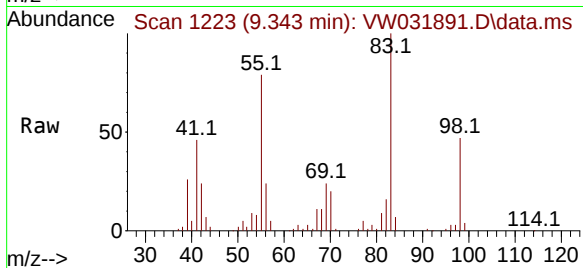
Tgt Ion: 83 Resp: 29428

Ion Ratio Lower Upper

83 100

55 78.6 62.5 93.7

98 47.3 40.6 61.0



#40

Benzene

Concen: 5.043 ug/l

RT: 8.343 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VW031891.D

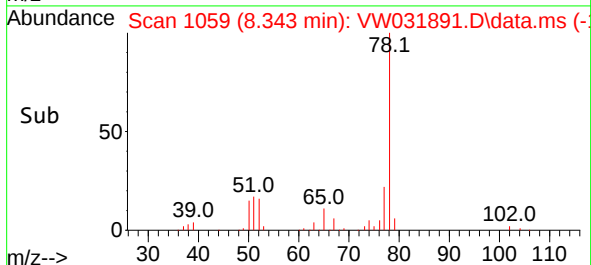
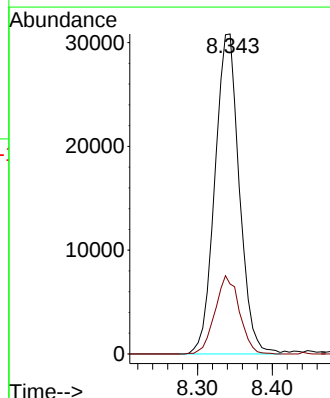
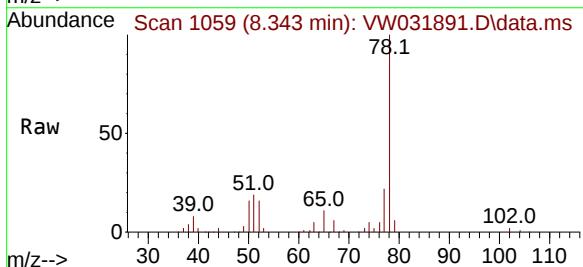
Acq: 22 Jul 2025 09:05

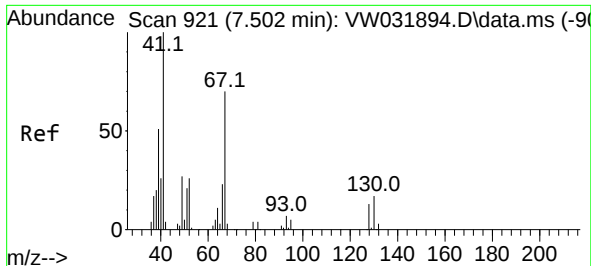
Tgt Ion: 78 Resp: 69976

Ion Ratio Lower Upper

78 100

77 21.9 19.3 28.9

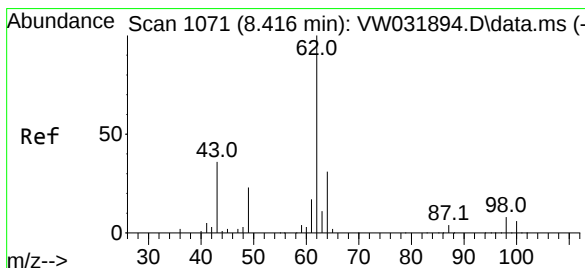
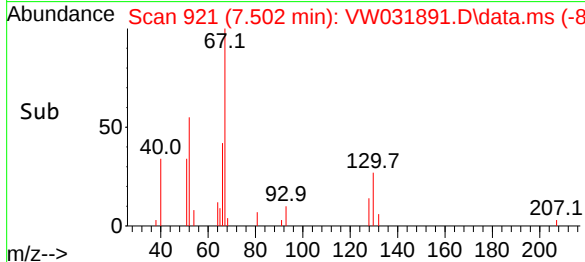
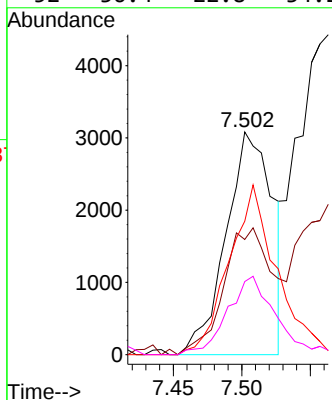
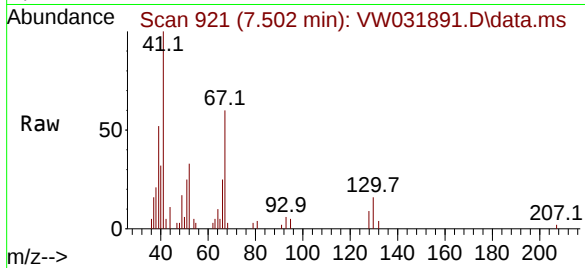




#41
Methacrylonitrile
Concen: 4.608 ug/l
RT: 7.502 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

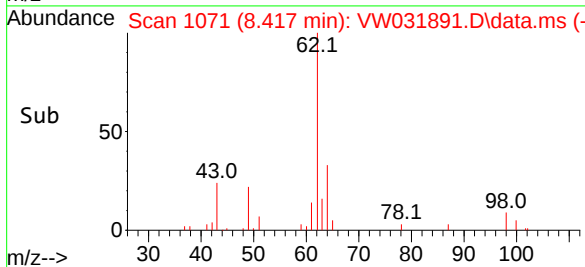
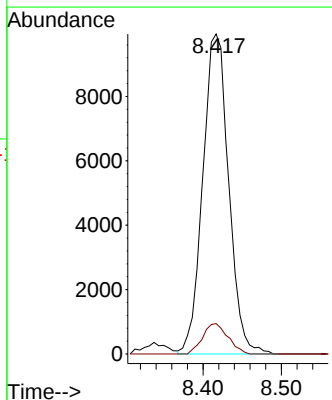
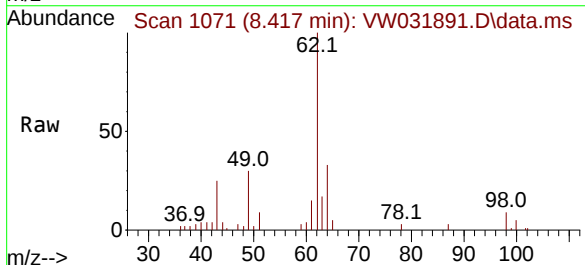
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

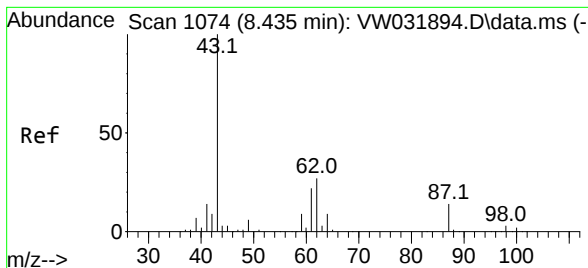
Tgt Ion:	41	Resp:	7259
Ion	Ratio	Lower	Upper
41	100		
39	63.1	41.1	61.7#
67	79.1	56.2	84.4
52	36.4	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 5.141 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:	62	Resp:	22835
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

Isopropyl Acetate

Concen: 5.049 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

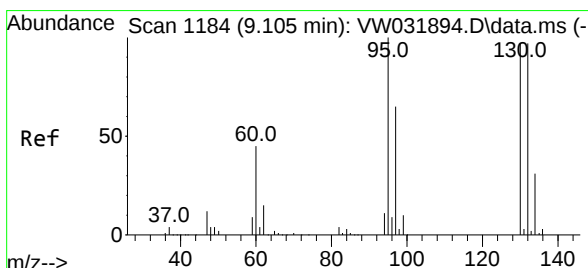
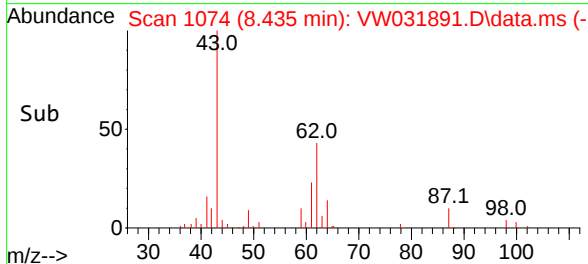
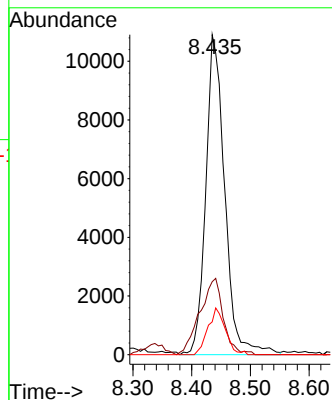
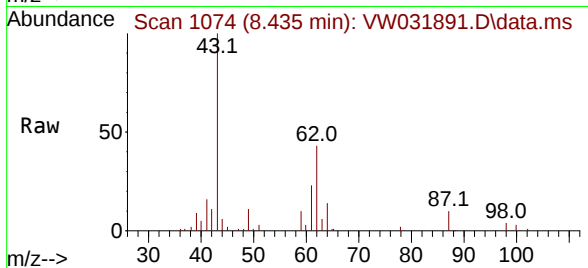
Tgt Ion: 43 Resp: 24443

Ion Ratio Lower Upper

43 100

61 29.5 24.0 36.0

87 13.4 11.1 16.7



#44

Trichloroethene

Concen: 5.038 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.000 min

Lab File: VW031891.D

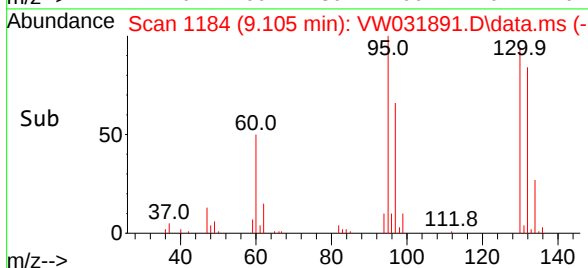
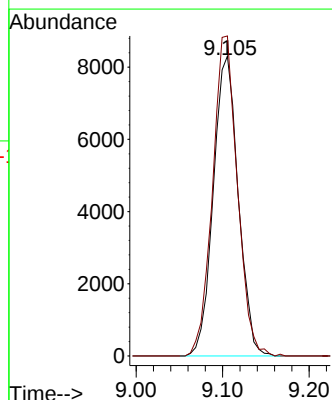
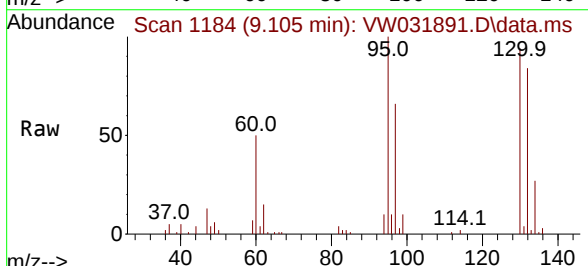
Acq: 22 Jul 2025 09:05

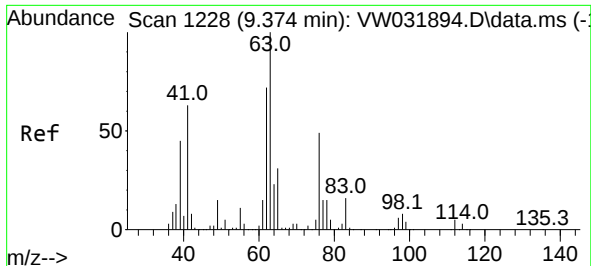
Tgt Ion:130 Resp: 16617

Ion Ratio Lower Upper

130 100

95 106.7 0.0 206.4





#45

1,2-Dichloropropane

Concen: 5.125 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

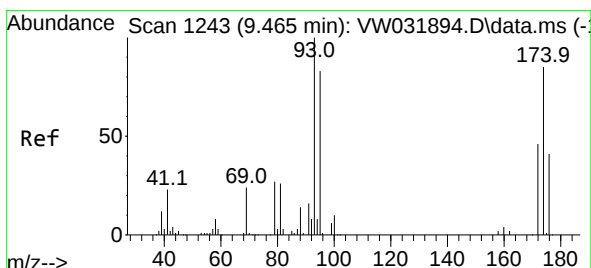
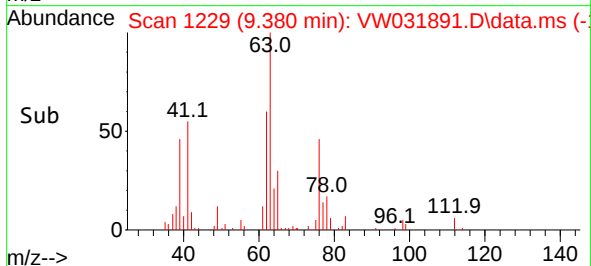
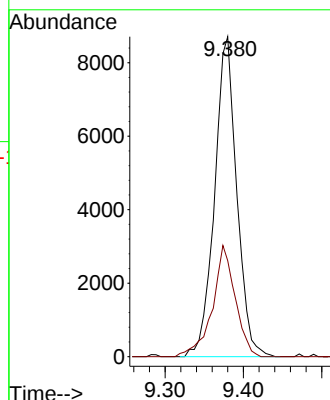
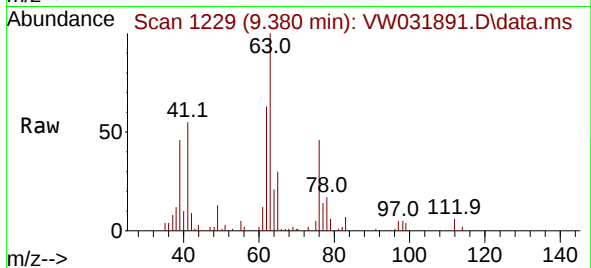
VSTDICC005

Tgt Ion: 63 Resp: 17128

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.4



#46

Dibromomethane

Concen: 5.062 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

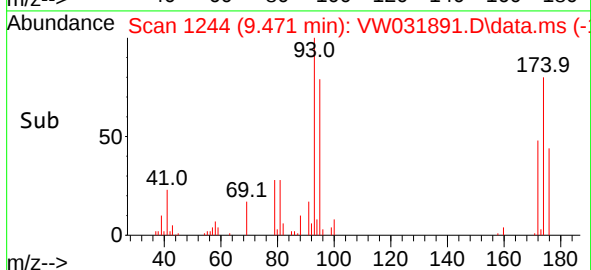
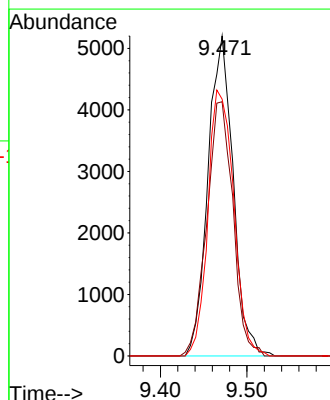
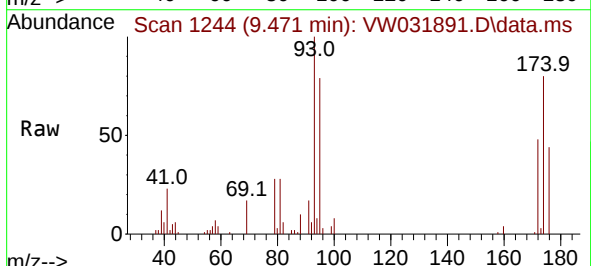
Tgt Ion: 93 Resp: 10488

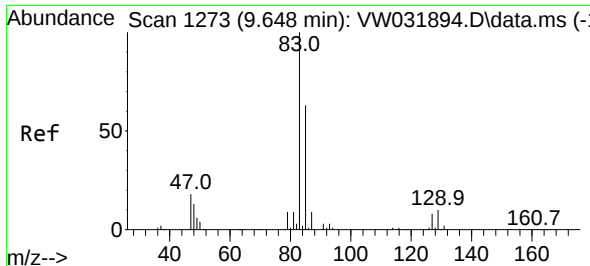
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 85.2 70.2 105.2

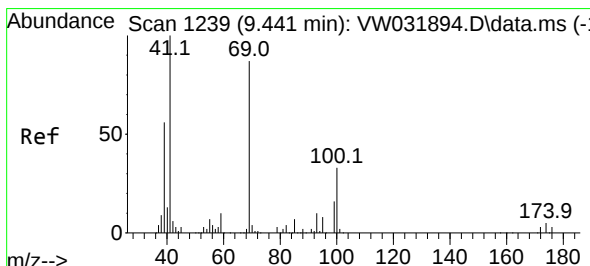
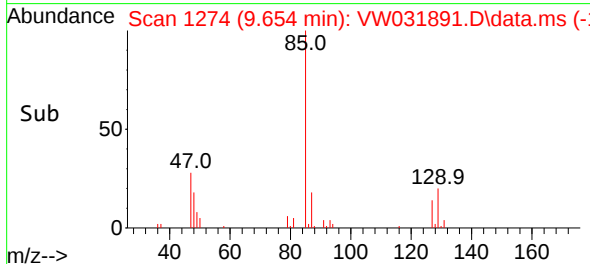
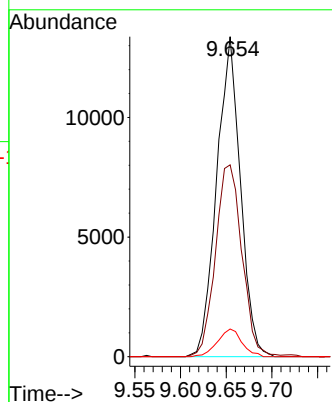
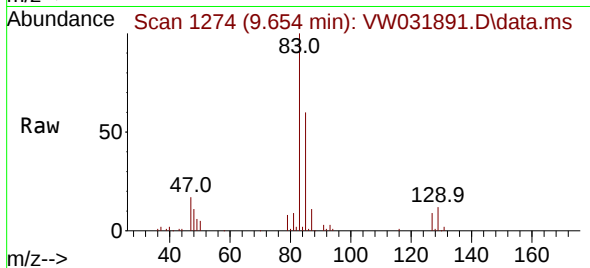




#47
Bromodichloromethane
Concen: 4.856 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

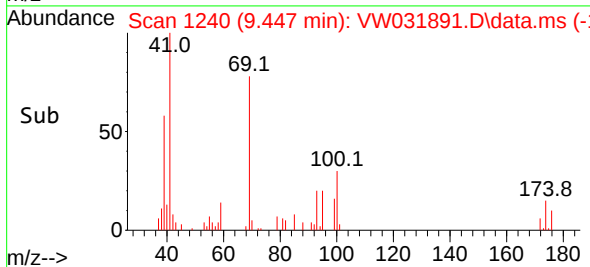
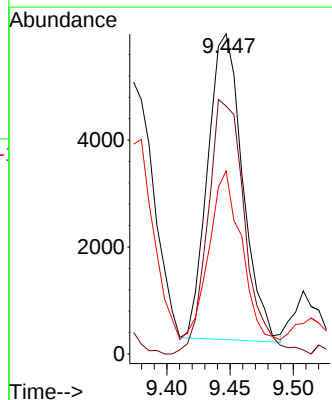
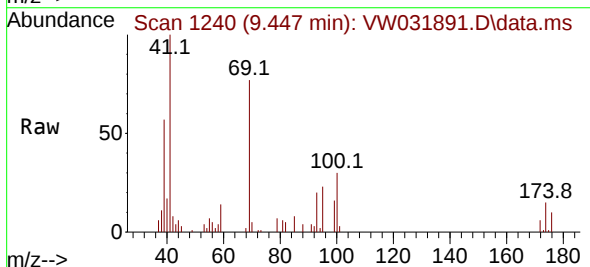
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

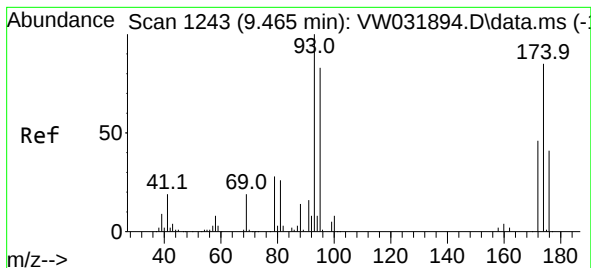
Tgt Ion: 83 Resp: 24125
Ion Ratio Lower Upper
83 100
85 59.9 50.6 76.0
127 8.7 6.5 9.7



#48
Methyl methacrylate
Concen: 4.768 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 41 Resp: 10983
Ion Ratio Lower Upper
41 100
69 88.6 73.6 110.4
39 52.3 45.5 68.3





#49

1,4-Dioxane

Concen: 80.493 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

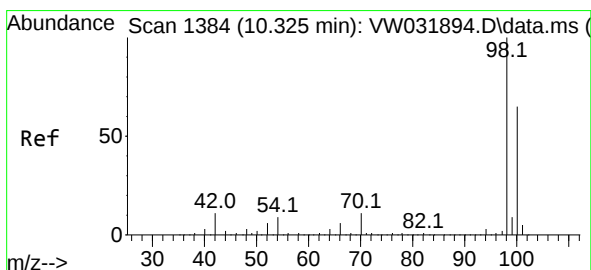
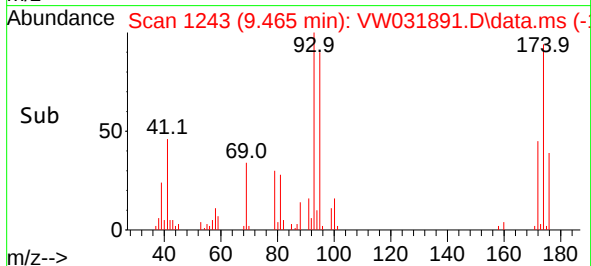
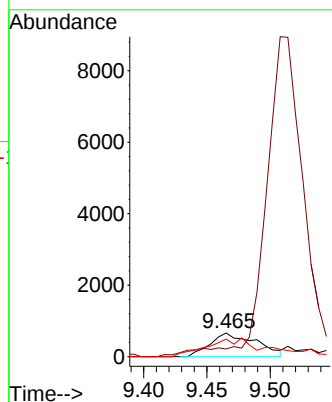
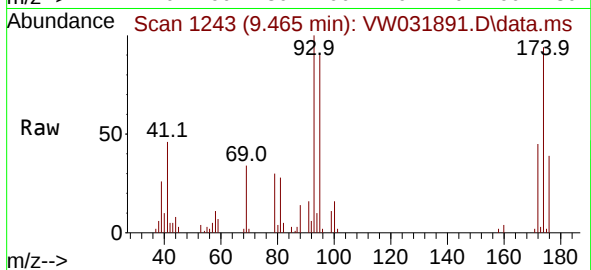
Tgt Ion: 88 Resp: 1664

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 71.4 58.2 87.2



#50

Toluene-d8

Concen: 5.416 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031891.D

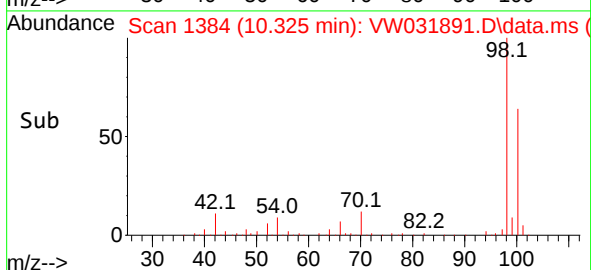
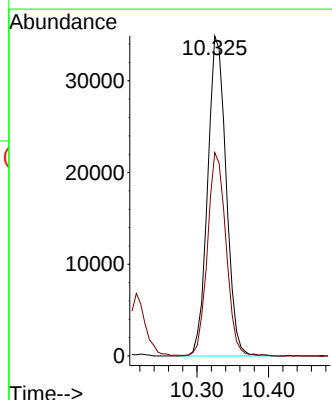
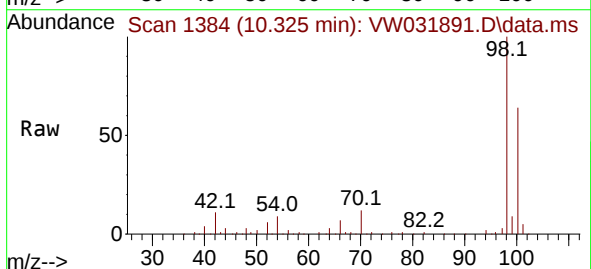
Acq: 22 Jul 2025 09:05

Tgt Ion: 98 Resp: 62567

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

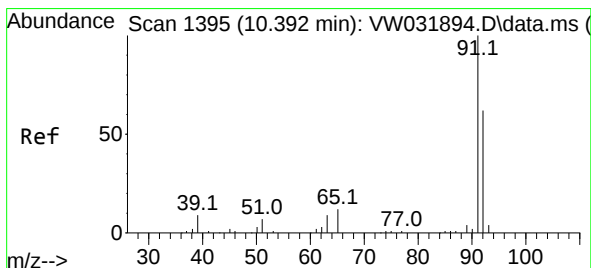
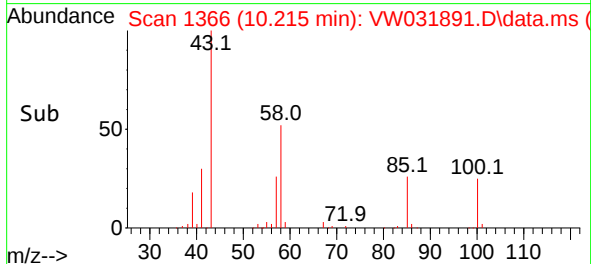
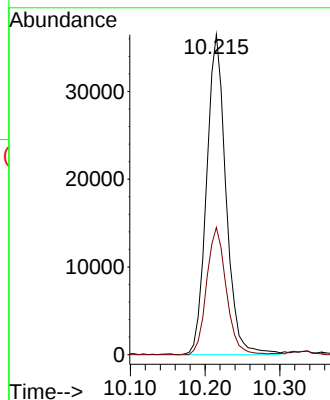
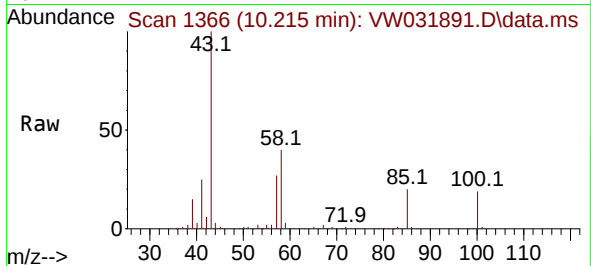




#51
4-Methyl-2-Pentanone
Concen: 24.860 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

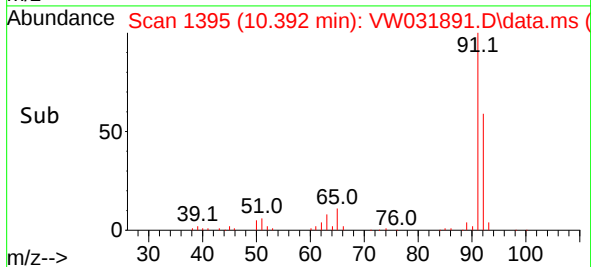
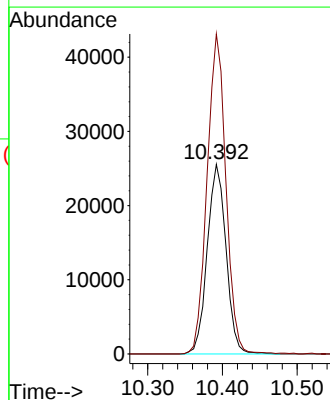
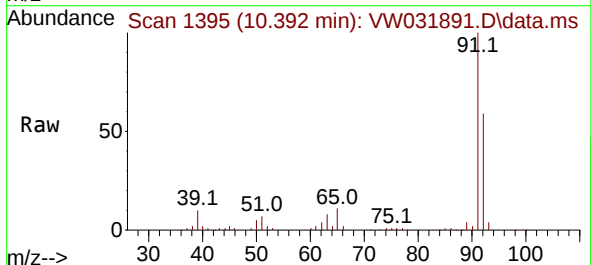
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

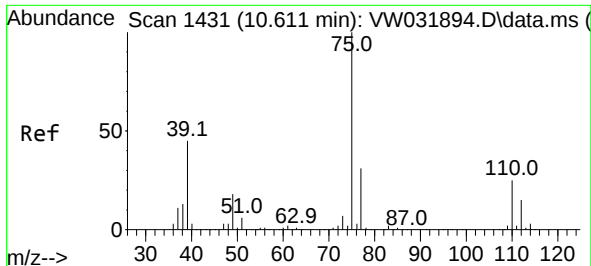
Tgt Ion: 43 Resp: 65866
Ion Ratio Lower Upper
43 100
58 40.1 32.8 49.2



#52
Toluene
Concen: 4.997 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 92 Resp: 44580
Ion Ratio Lower Upper
92 100
91 169.1 133.7 200.5

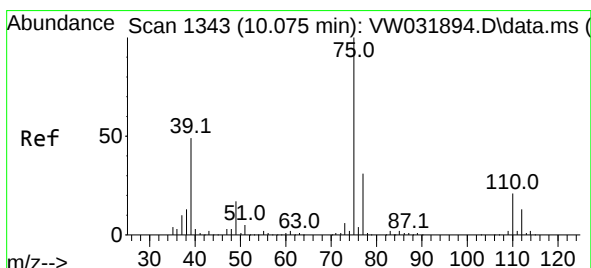
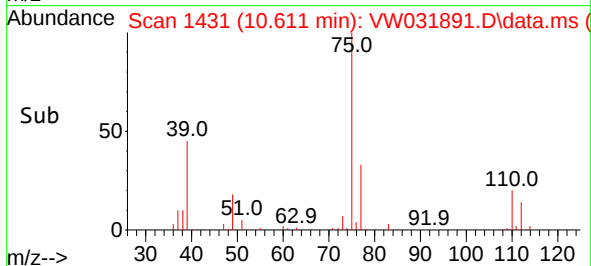
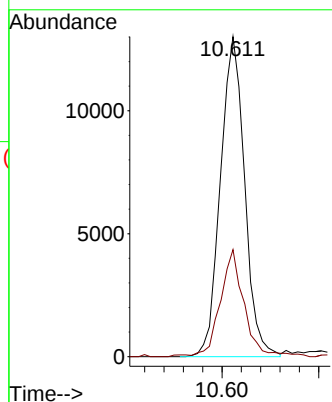
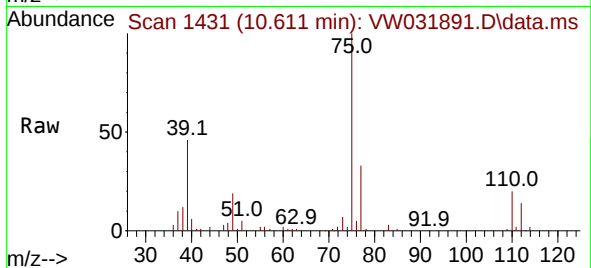




#53
t-1,3-Dichloropropene
Concen: 4.734 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

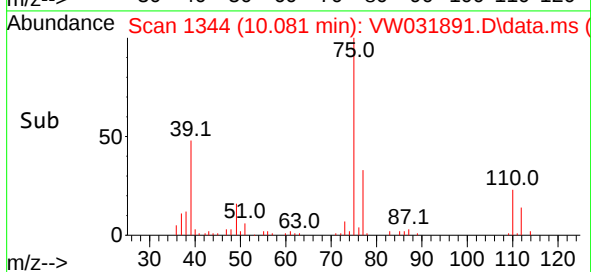
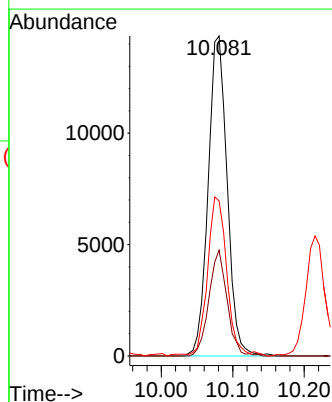
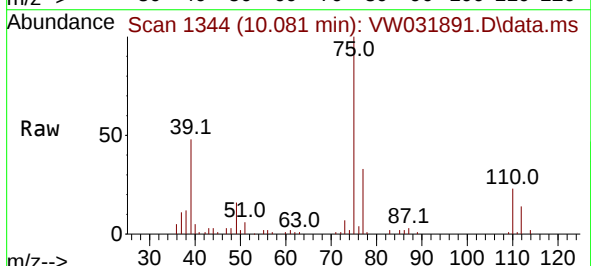
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

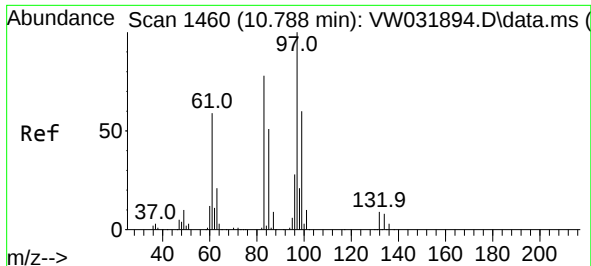
Tgt Ion: 75 Resp: 22560
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 4.875 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 75 Resp: 26530
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 48.0 39.3 58.9

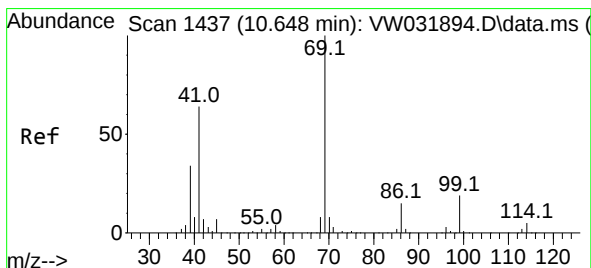
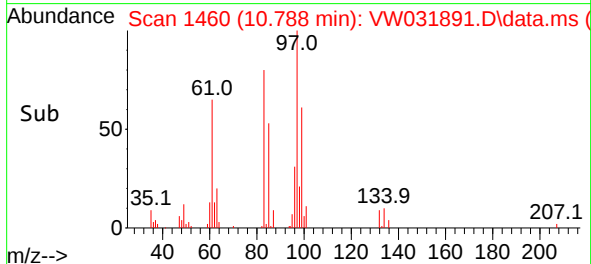
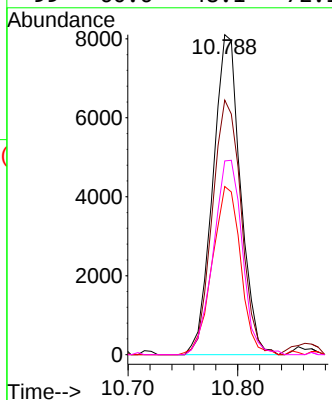
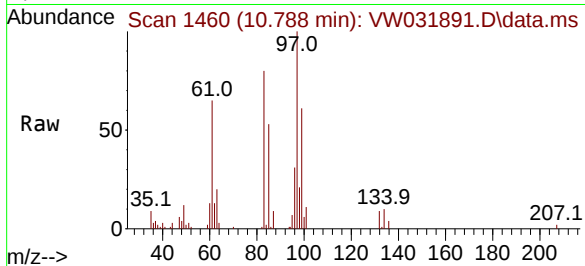




#55
1,1,2-Trichloroethane
Concen: 5.160 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

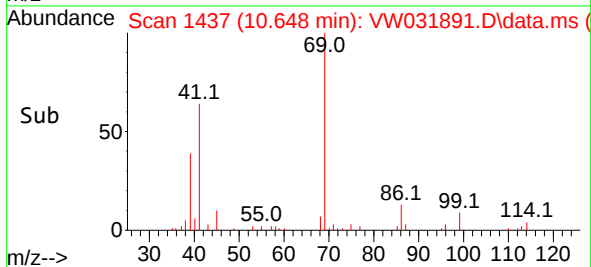
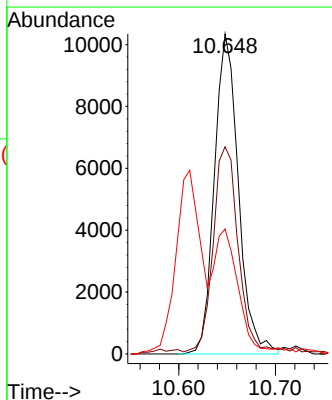
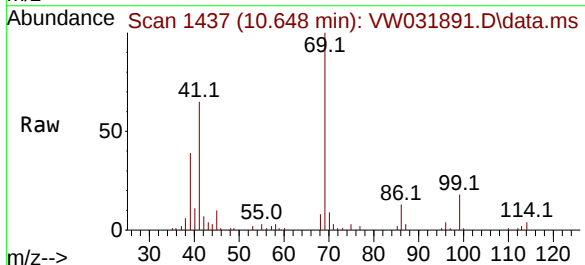
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

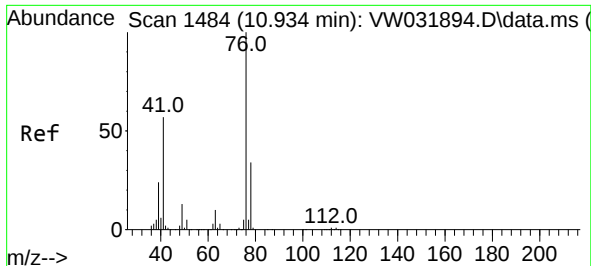
Tgt Ion: 97	Resp: 14199
Ion Ratio	Lower Upper
97 100	
83 79.5	62.4 93.6
85 52.5	41.0 61.6
99 60.6	48.1 72.1



#56
Ethyl methacrylate
Concen: 4.585 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 69	Resp: 17819
Ion Ratio	Lower Upper
69 100	
41 70.0	52.0 78.0
39 39.5	26.6 40.0





#57

1,3-Dichloropropane

Concen: 4.985 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

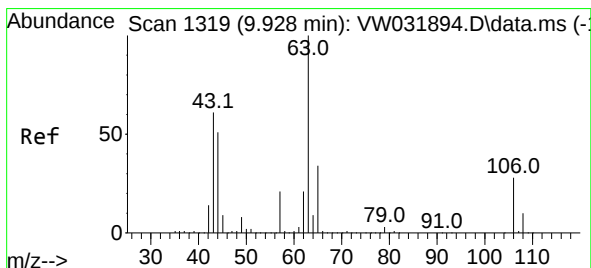
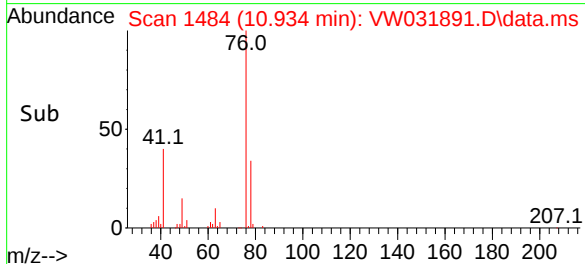
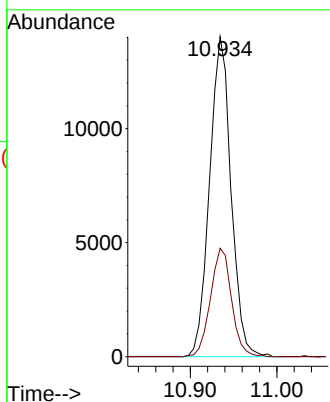
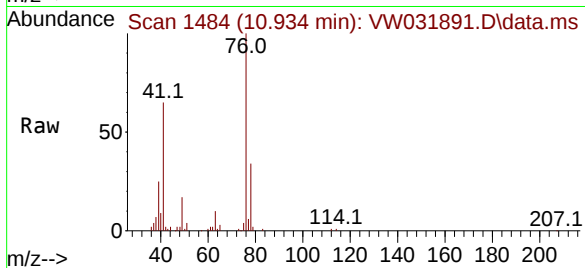
VSTDIC005

Tgt Ion: 76 Resp: 24166

Ion Ratio Lower Upper

76 100

78 33.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 23.525 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031891.D

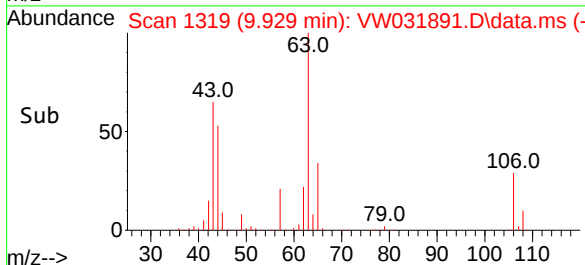
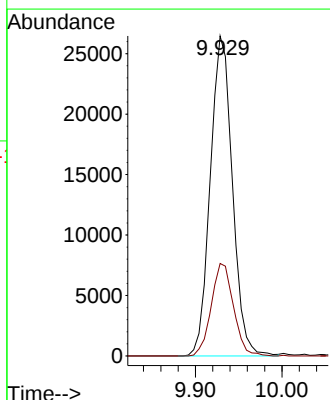
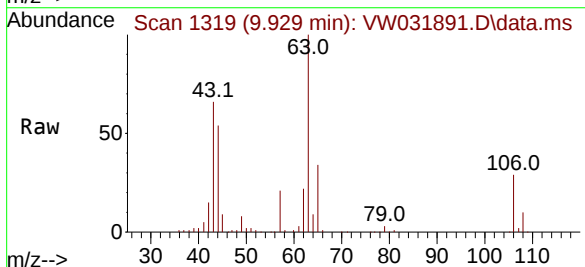
Acq: 22 Jul 2025 09:05

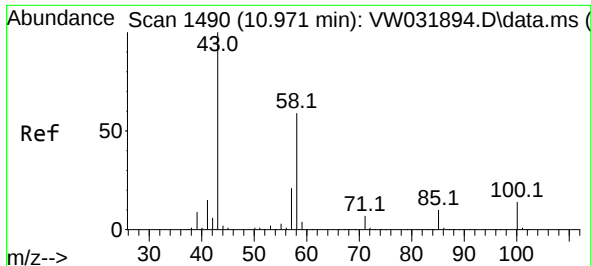
Tgt Ion: 63 Resp: 46965

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

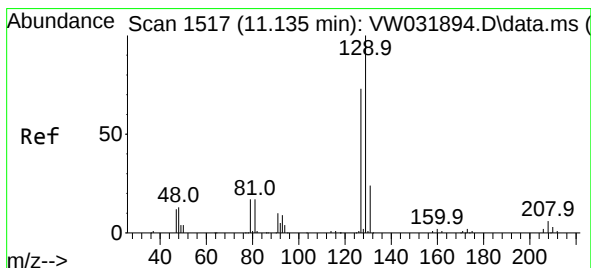
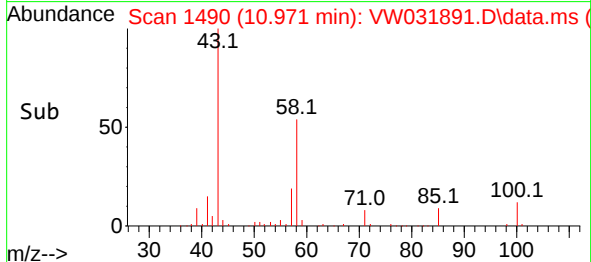
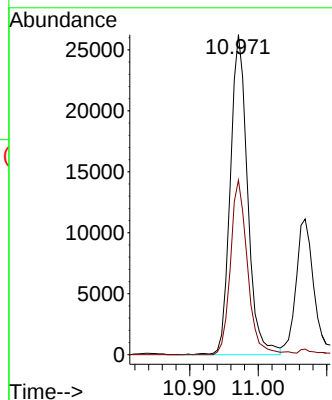
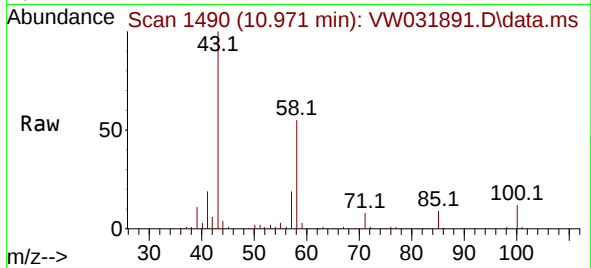




#59
2-Hexanone
Concen: 24.957 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

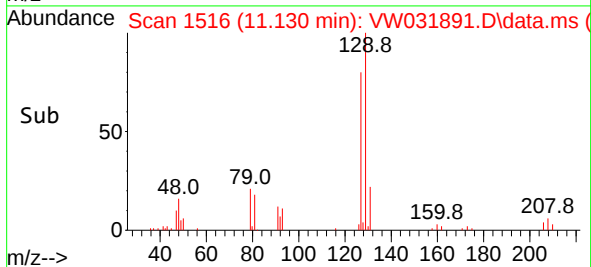
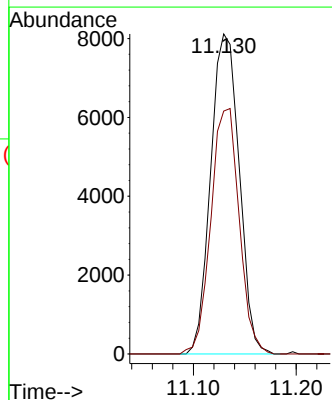
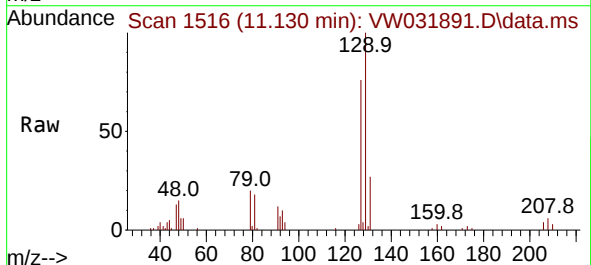
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

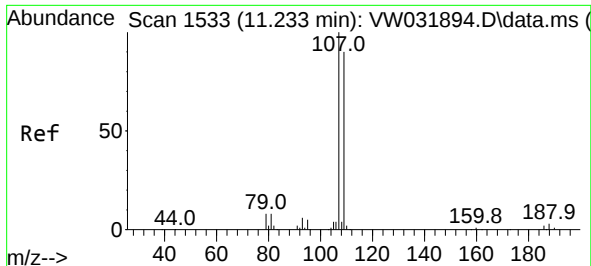
Tgt Ion: 43 Resp: 45962
Ion Ratio Lower Upper
43 100
58 53.9 28.5 85.6



#60
Dibromochloromethane
Concen: 4.882 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 129 Resp: 15663
Ion Ratio Lower Upper
129 100
127 76.0 39.6 118.8

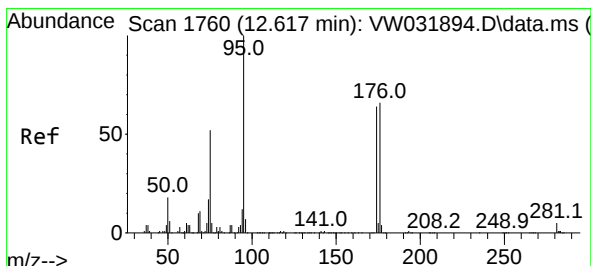
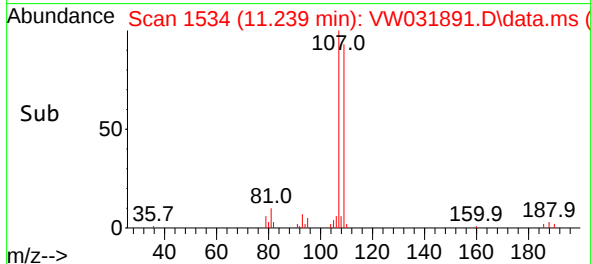
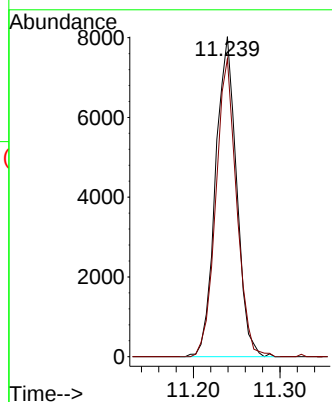
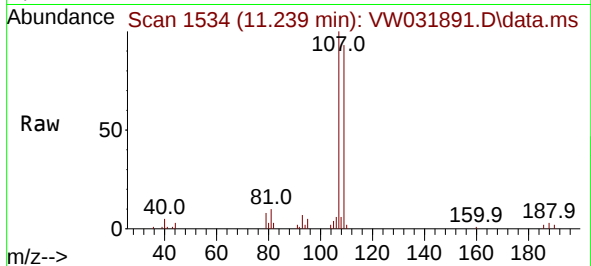




#61
1,2-Dibromoethane
Concen: 4.981 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

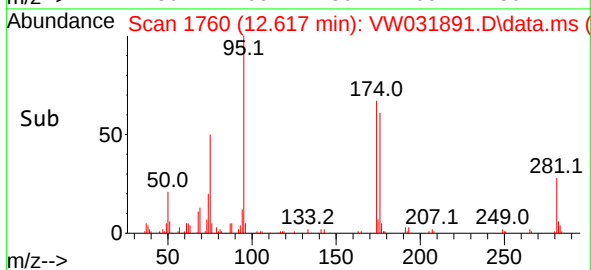
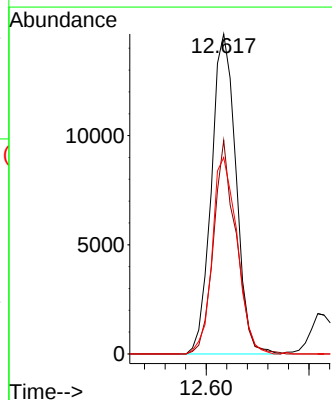
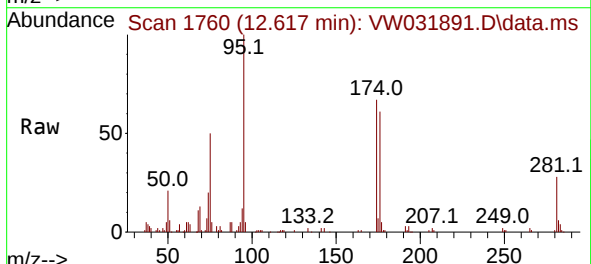
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

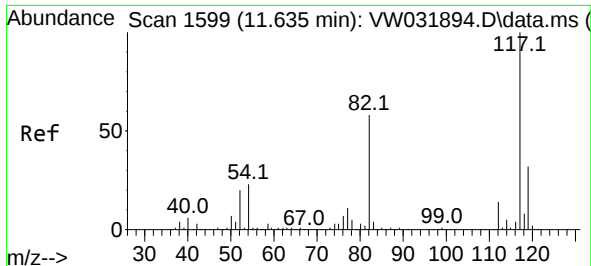
Tgt Ion:107 Resp: 13545
Ion Ratio Lower Upper
107 100
109 91.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 5.484 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 95 Resp: 24327
Ion Ratio Lower Upper
95 100
174 61.1 0.0 129.8
176 62.4 0.0 130.4

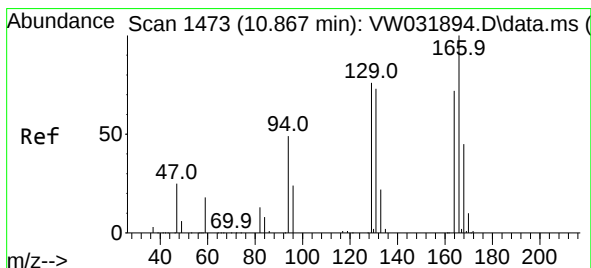
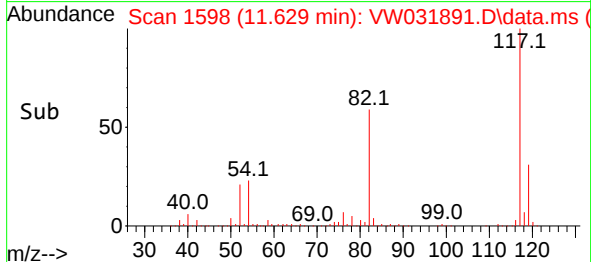
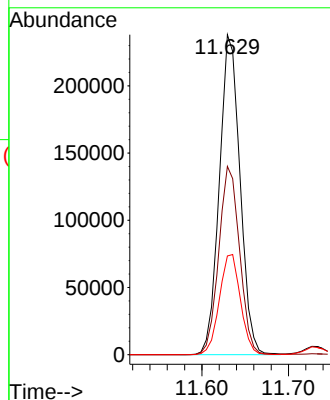
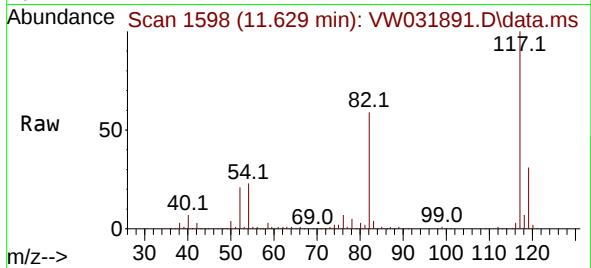




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

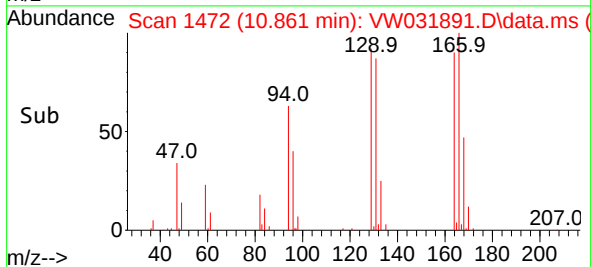
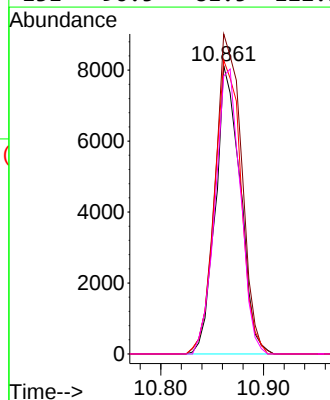
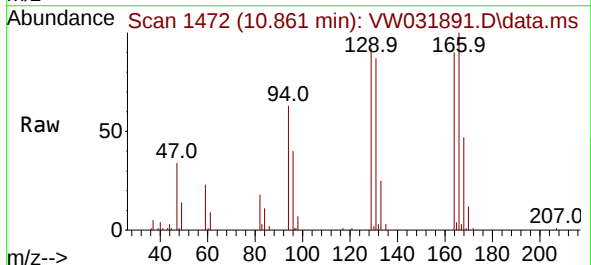
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

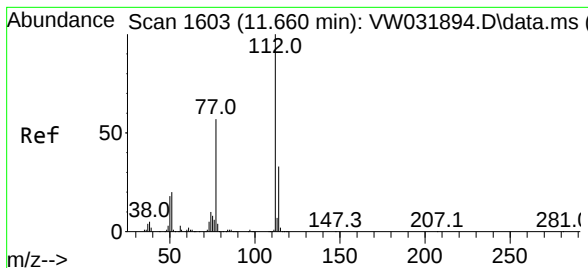
Tgt Ion:117 Resp: 394805
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 5.228 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:164 Resp: 13609
Ion Ratio Lower Upper
164 100
166 111.0 111.5 167.3#
129 101.9 85.1 127.7
131 96.5 81.5 122.3

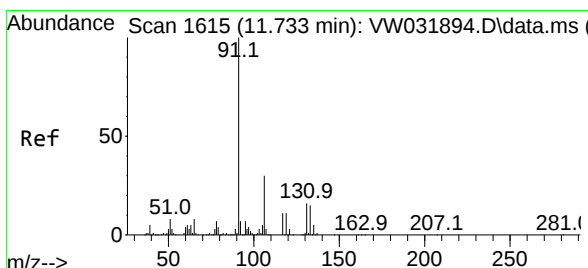
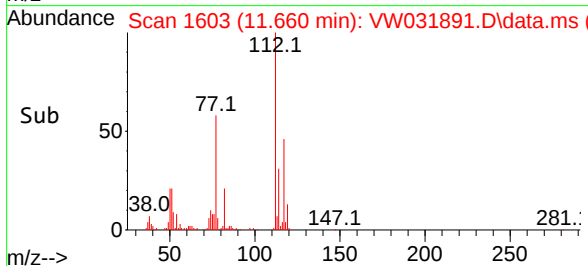
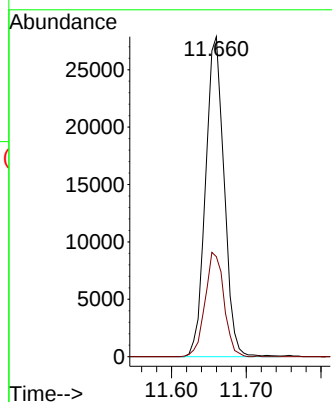
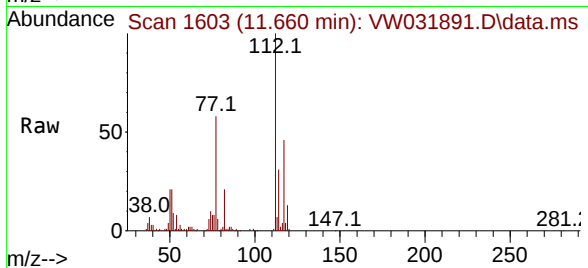




#65
Chlorobenzene
Concen: 4.967 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

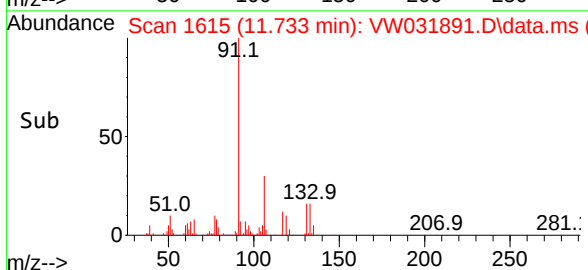
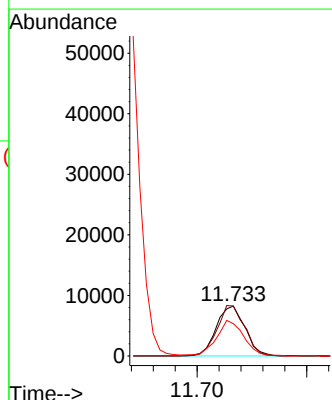
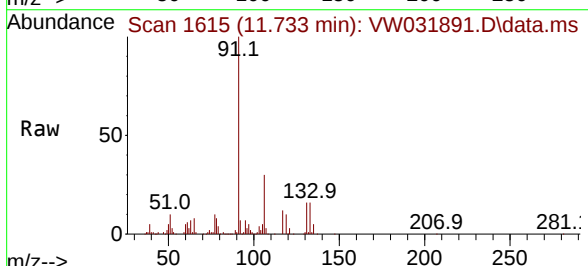
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

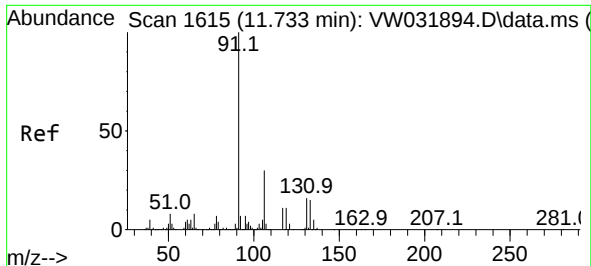
Tgt Ion:112 Resp: 47998
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.992 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:131 Resp: 14955
Ion Ratio Lower Upper
131 100
133 97.5 48.1 144.4
119 68.3 33.7 101.1





#67

Ethyl Benzene

Concen: 5.039 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

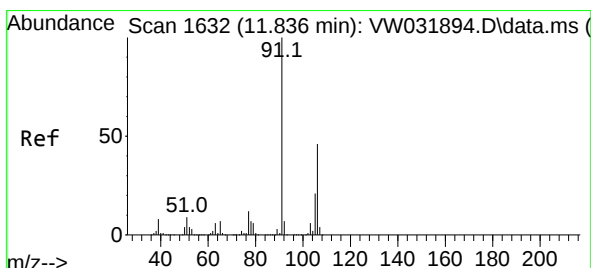
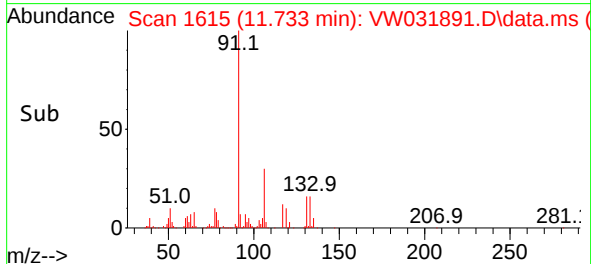
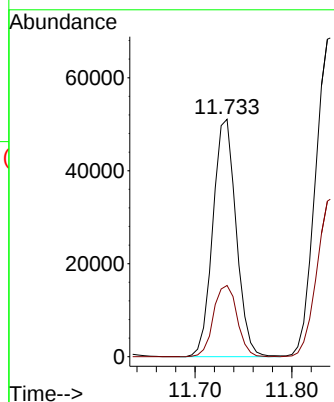
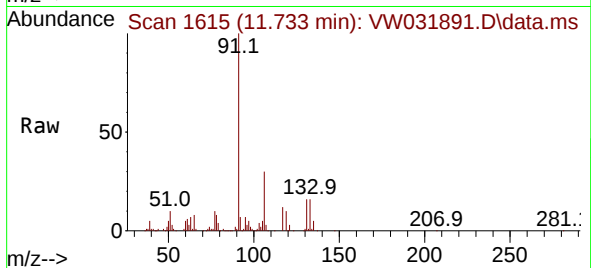
VSTDICC005

Tgt Ion: 91 Resp: 85548

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.6



#68

m/p-Xylenes

Concen: 9.986 ug/l

RT: 11.843 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW031891.D

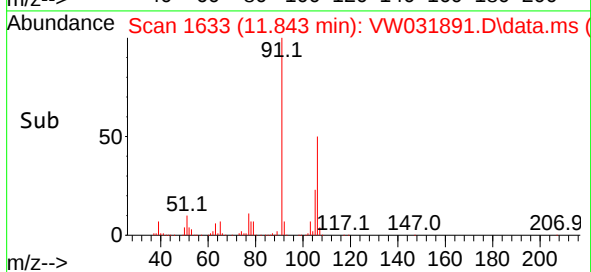
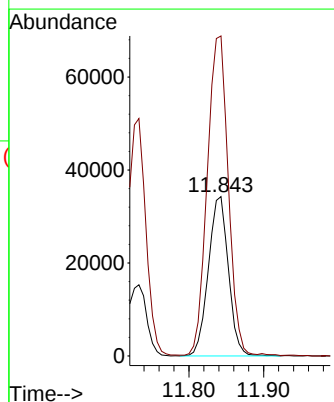
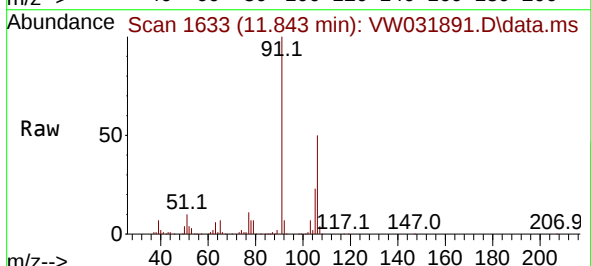
Acq: 22 Jul 2025 09:05

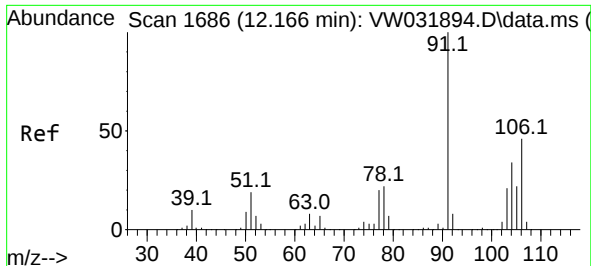
Tgt Ion:106 Resp: 63820

Ion Ratio Lower Upper

106 100

91 209.0 167.7 251.5

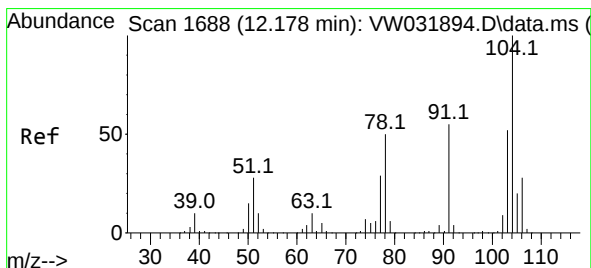
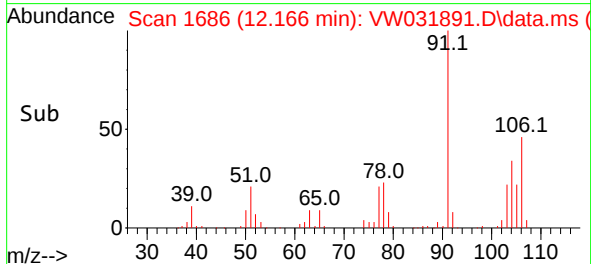
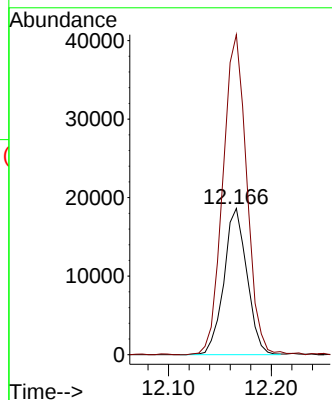
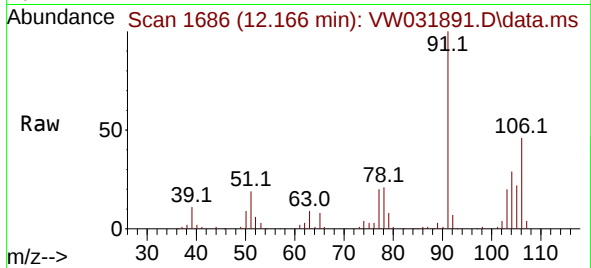




#69
o-Xylene
Concen: 4.793 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

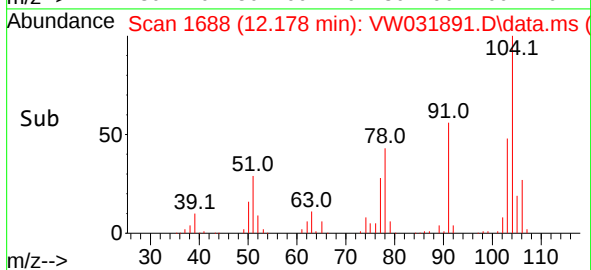
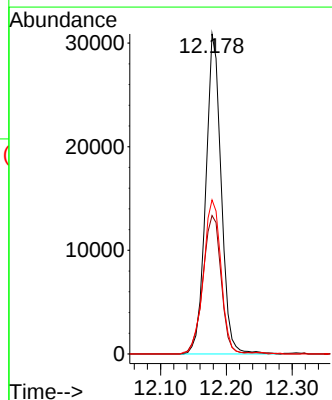
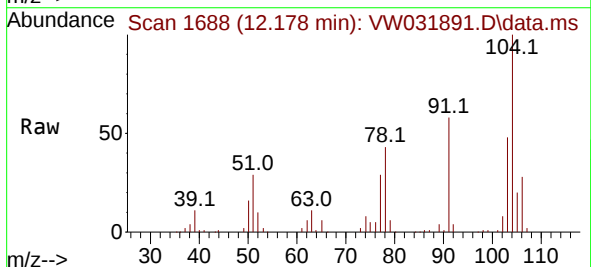
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

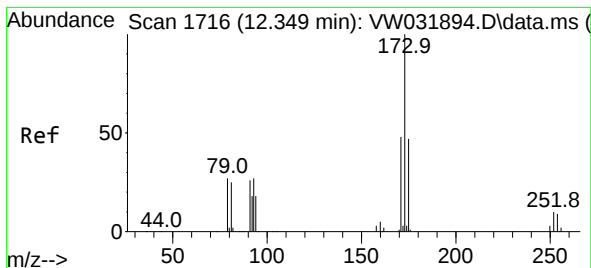
Tgt Ion:106 Resp: 28989
Ion Ratio Lower Upper
106 100
91 226.5 108.2 324.6



#70
Styrene
Concen: 4.894 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:104 Resp: 50399
Ion Ratio Lower Upper
104 100
78 51.3 42.2 63.4
103 54.7 42.8 64.2





#71

Bromoform

Concen: 4.877 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

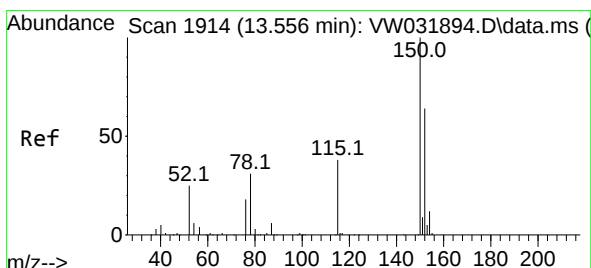
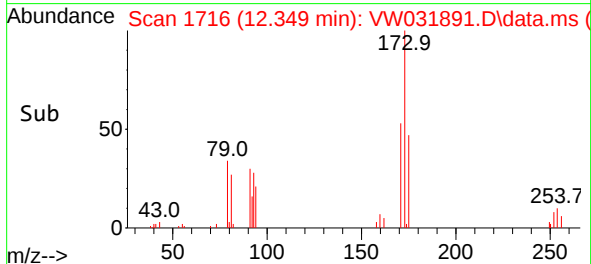
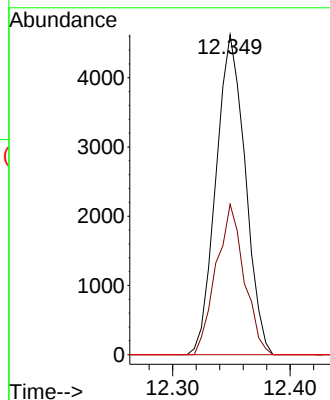
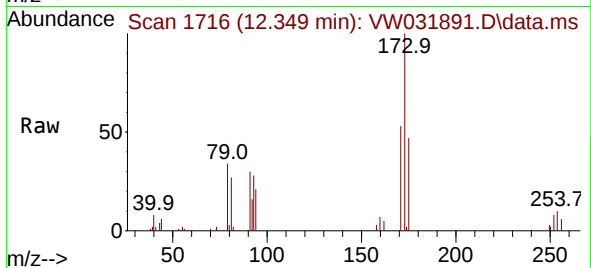
Tgt Ion:173 Resp: 7989

Ion Ratio Lower Upper

173 100

175 45.2 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: VW031891.D

Acq: 22 Jul 2025 09:05

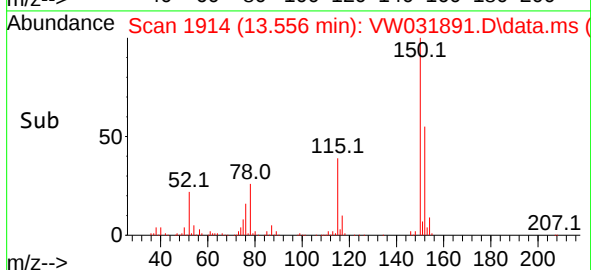
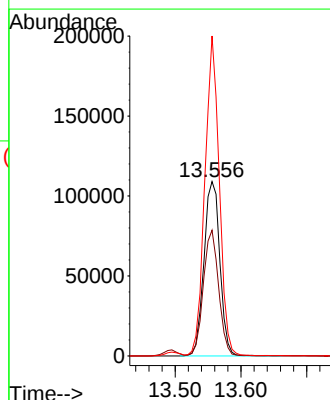
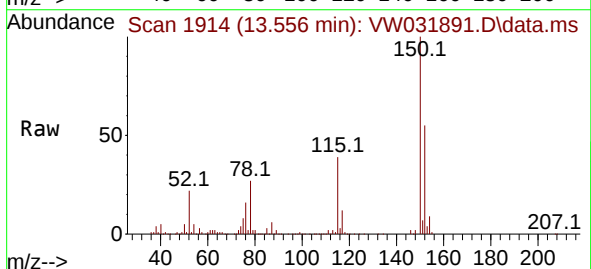
Tgt Ion:152 Resp: 183530

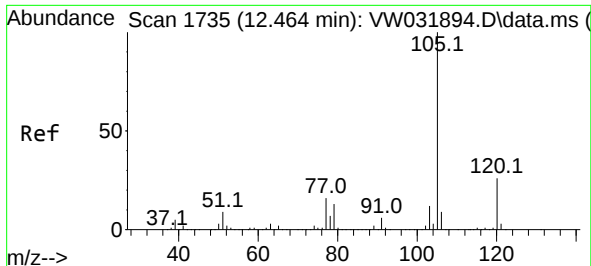
Ion Ratio Lower Upper

152 100

115 69.1 33.4 100.1

150 165.3 0.0 352.2

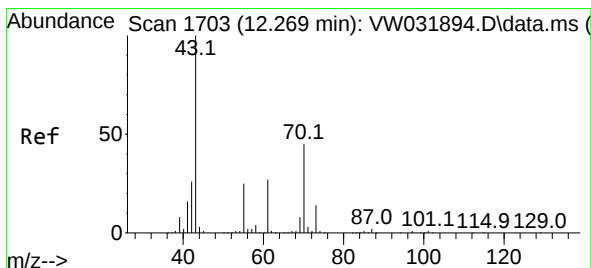
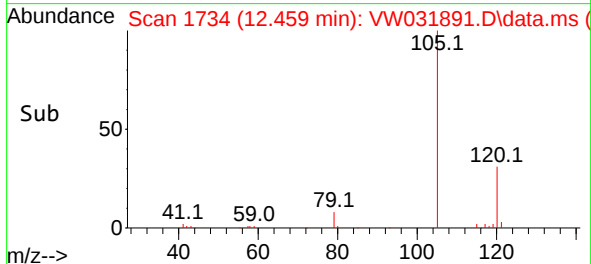
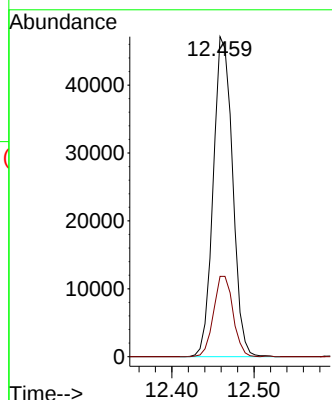
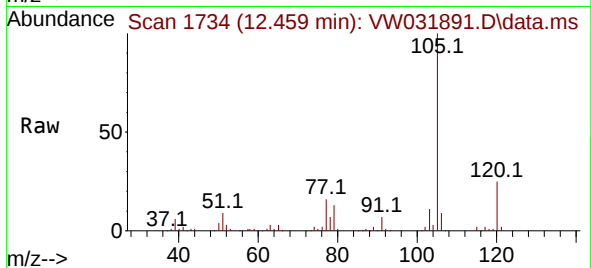




#73
Isopropylbenzene
Concen: 4.832 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

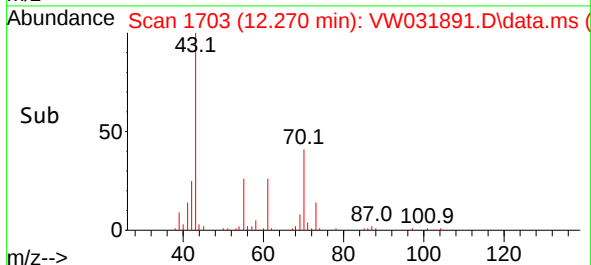
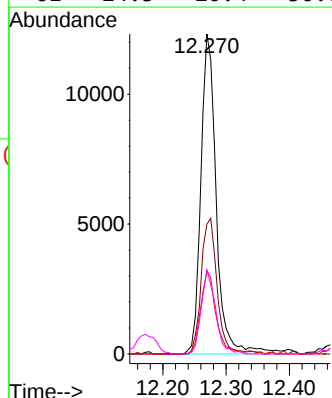
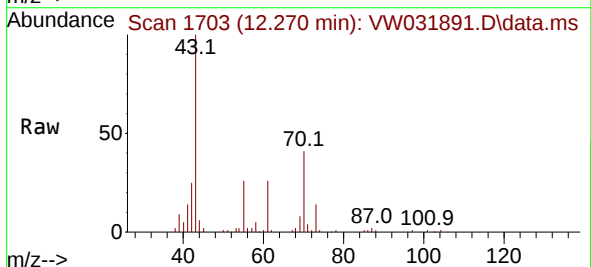
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

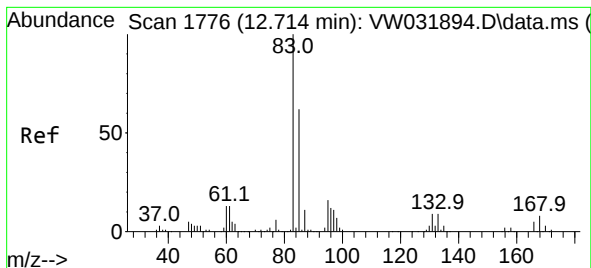
Tgt Ion:105 Resp: 76941
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#74
N-ethyl acetate
Concen: 4.852 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 43 Resp: 20889
Ion Ratio Lower Upper
43 100
70 43.9 36.6 55.0
55 25.8 20.7 31.1
61 24.3 20.4 30.6

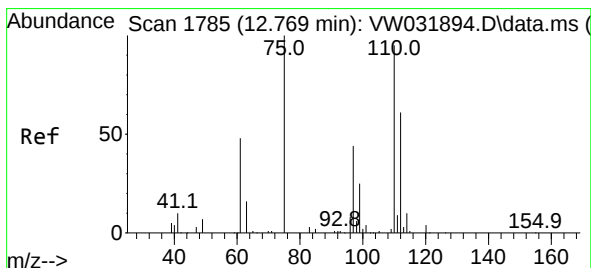
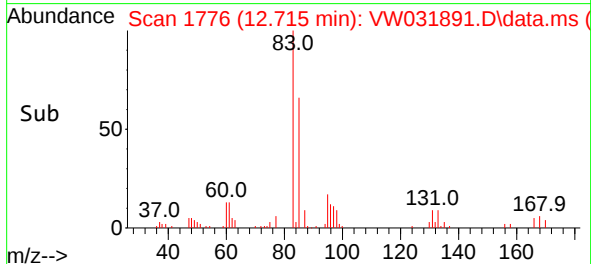
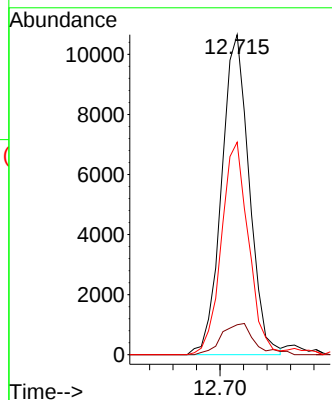
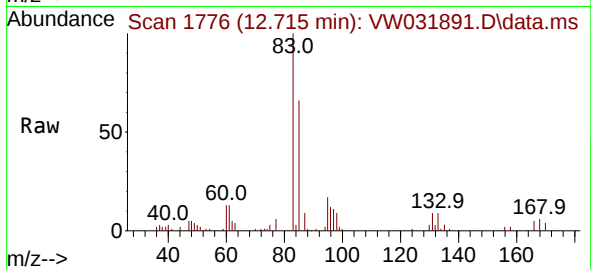




#75
1,1,2-Tetrachloroethane
Concen: 5.139 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

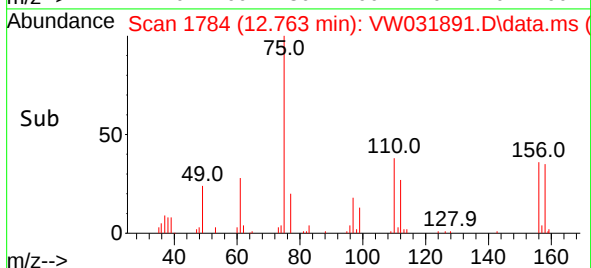
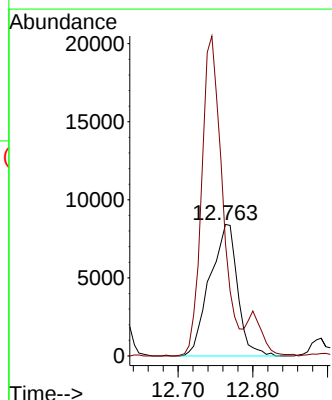
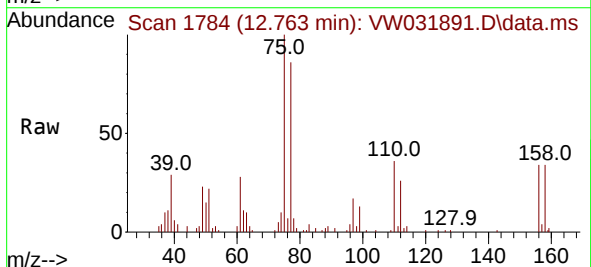
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

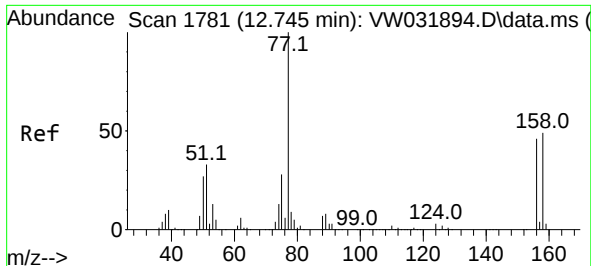
Tgt Ion: 83 Resp: 17372
Ion Ratio Lower Upper
83 100
131 11.7 5.0 15.0
85 65.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 8.649 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 75 Resp: 21731
Ion Ratio Lower Upper
75 100
77 182.8 0.0 0.0#

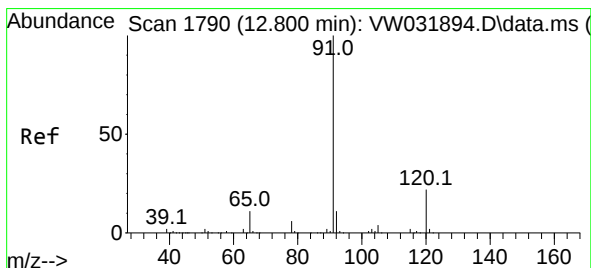
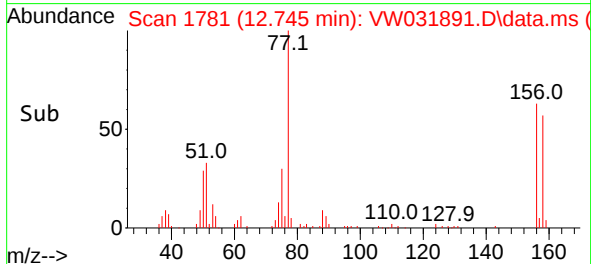
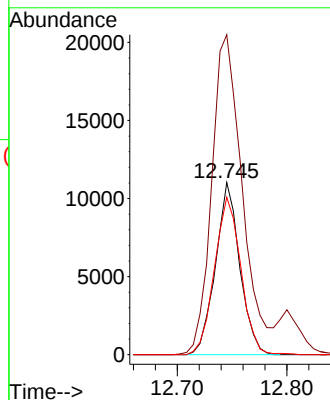
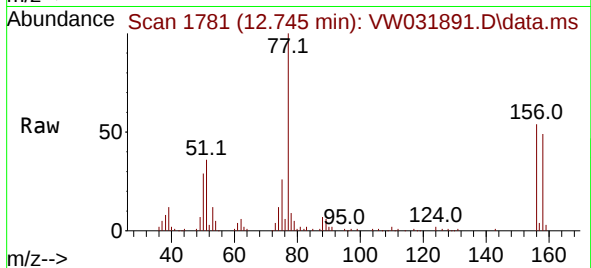




#77
Bromobenzene
Concen: 4.924 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

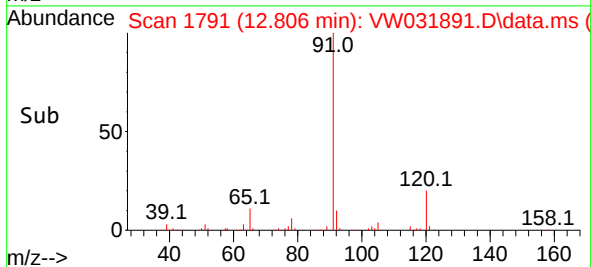
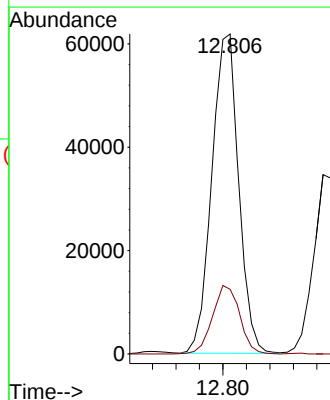
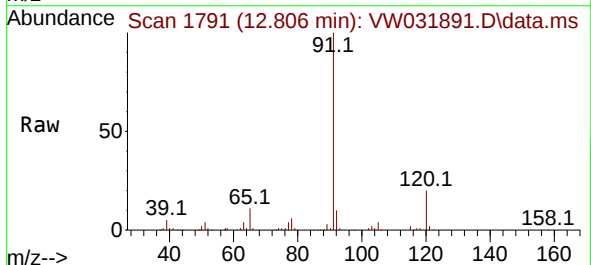
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

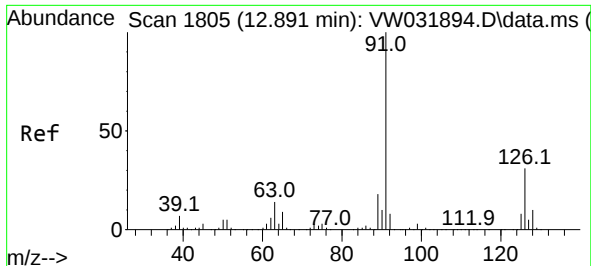
Tgt Ion:156 Resp: 16967
Ion Ratio Lower Upper
156 100
77 234.1 115.3 345.8
158 99.4 50.1 150.3



#78
n-propylbenzene
Concen: 5.008 ug/l
RT: 12.806 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 91 Resp: 97940
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6

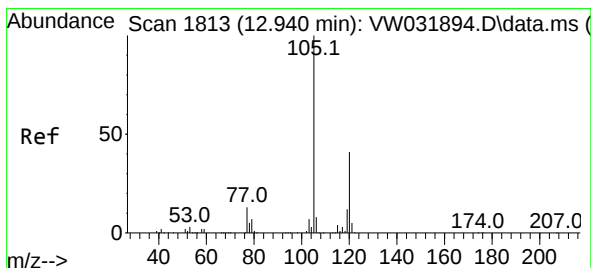
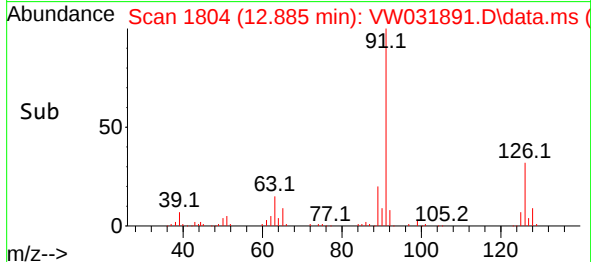
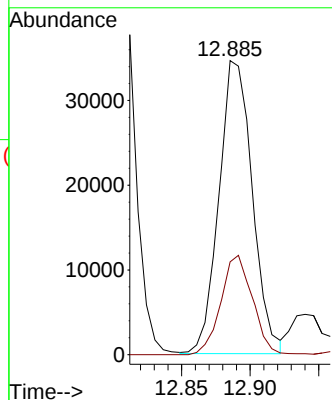
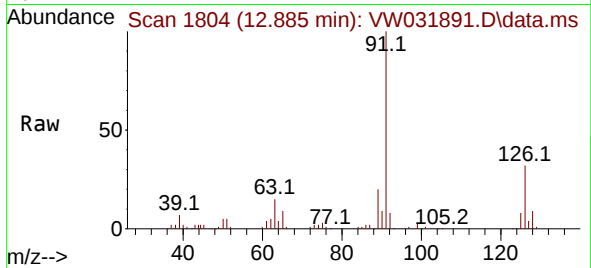




#79
2-Chlorotoluene
Concen: 5.023 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

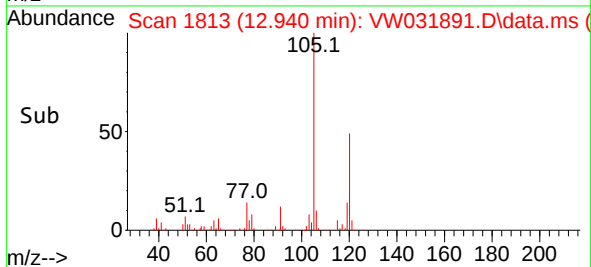
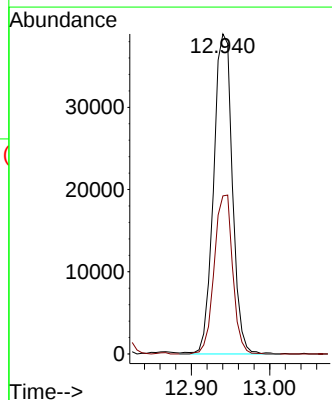
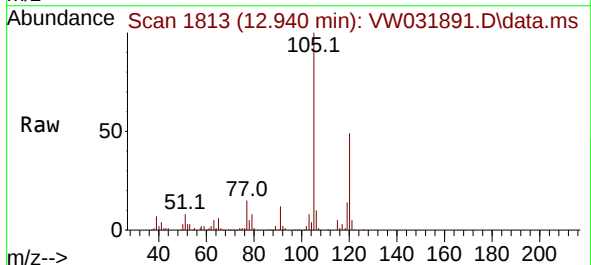
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 58659
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 4.859 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 105 Resp: 64888
Ion Ratio Lower Upper
105 100
120 48.7 23.5 70.5

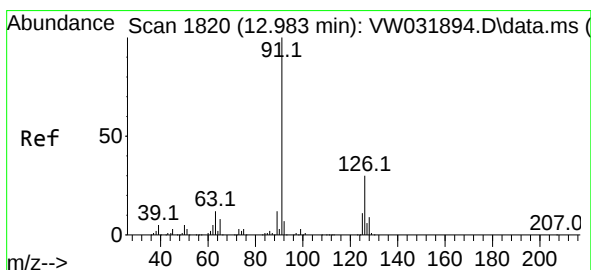
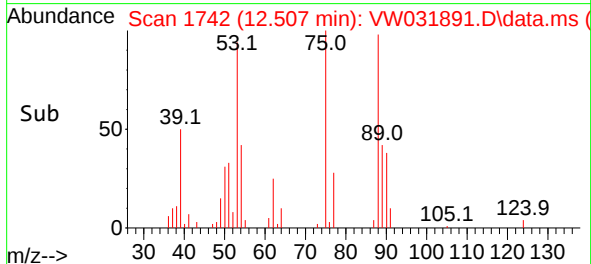
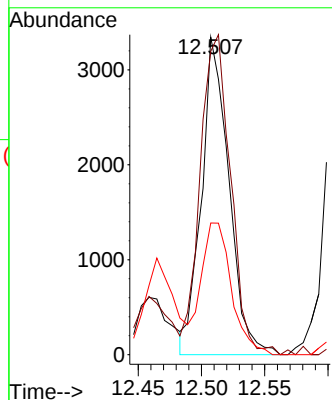
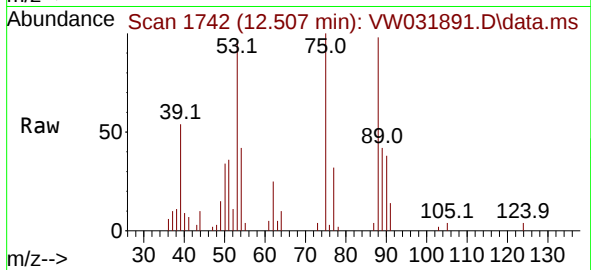




#81
trans-1,4-Dichloro-2-butene
Concen: 4.603 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

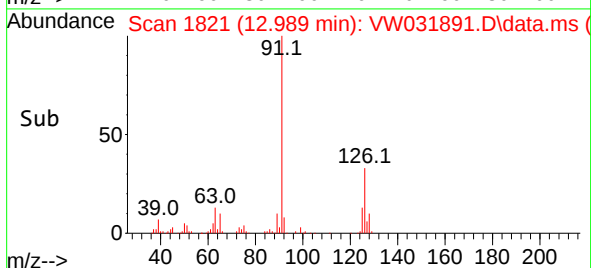
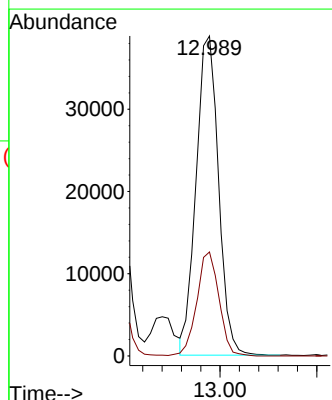
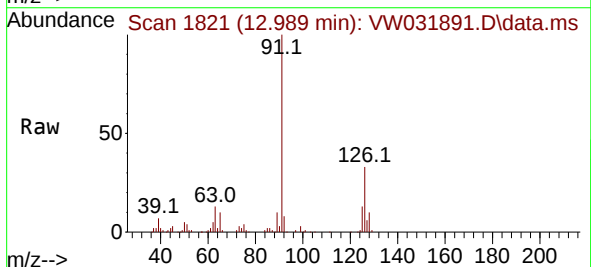
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

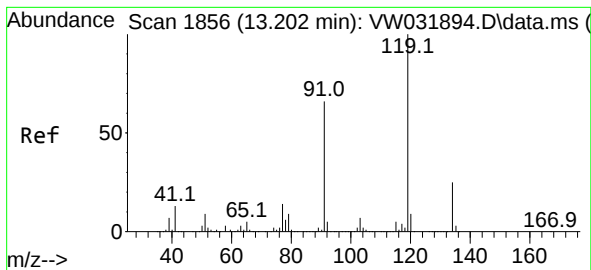
Tgt Ion: 75 Resp: 5052
Ion Ratio Lower Upper
75 100
53 111.4 83.7 125.5
89 45.8 39.0 58.6



#82
4-Chlorotoluene
Concen: 5.115 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 91 Resp: 62666
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.3

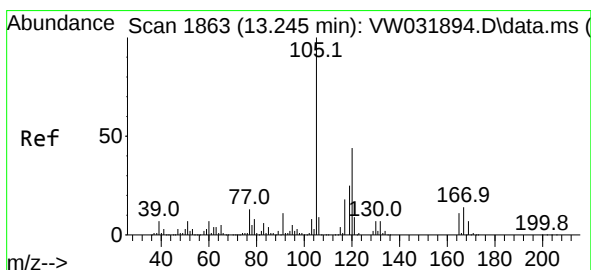
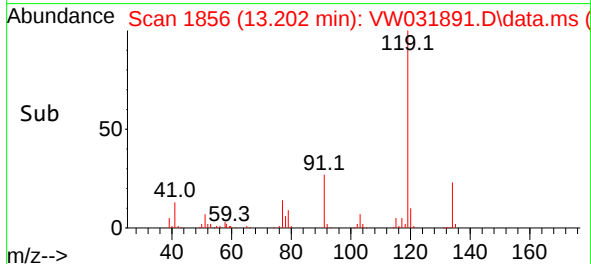
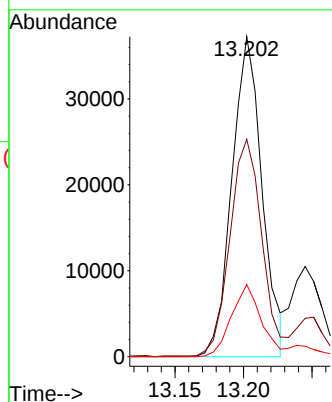
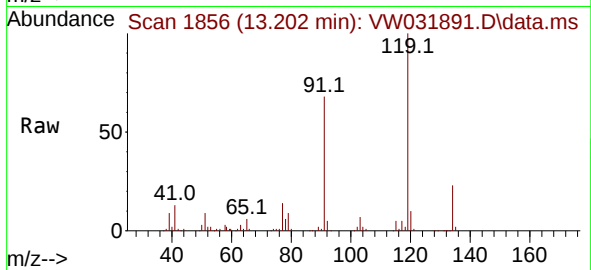




#83
tert-Butylbenzene
Concen: 5.009 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

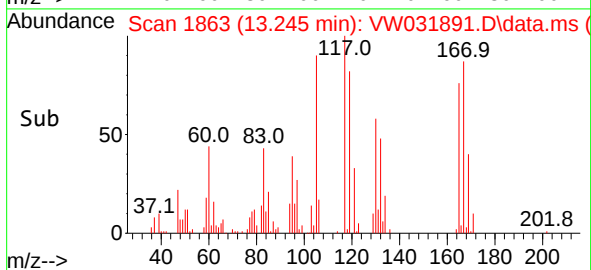
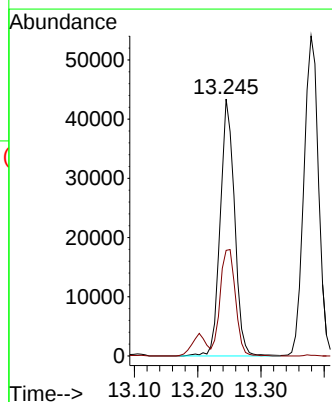
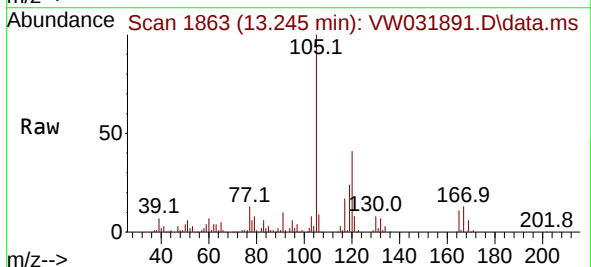
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

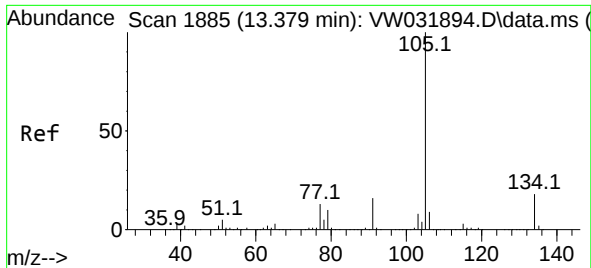
Tgt Ion:119 Resp: 56981
Ion Ratio Lower Upper
119 100
91 73.2 35.5 106.5
134 22.8 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 5.022 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:105 Resp: 67882
Ion Ratio Lower Upper
105 100
120 44.3 21.3 63.9

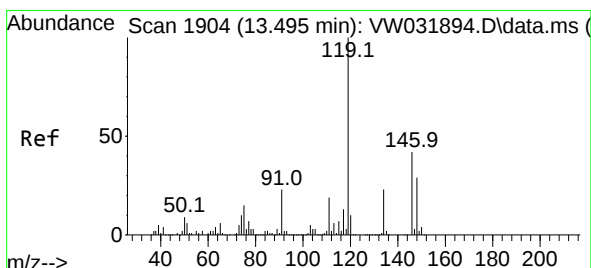
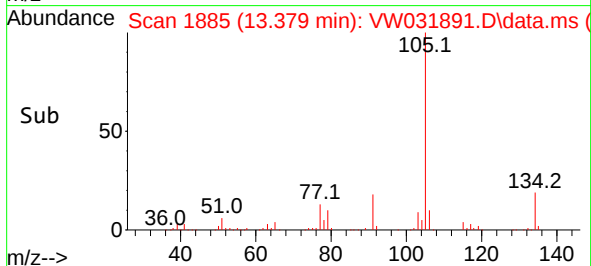
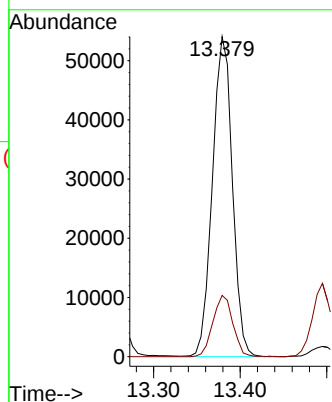
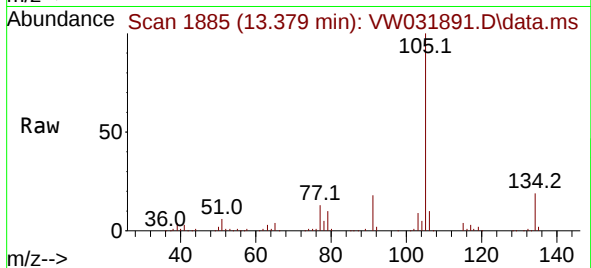




#85
 sec-Butylbenzene
 Concen: 5.066 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

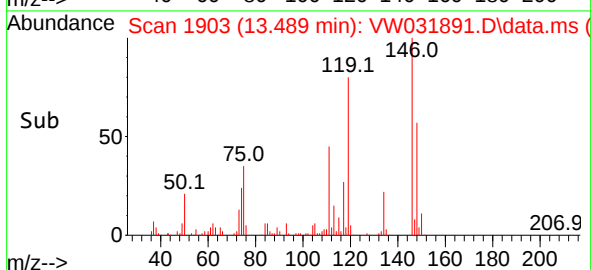
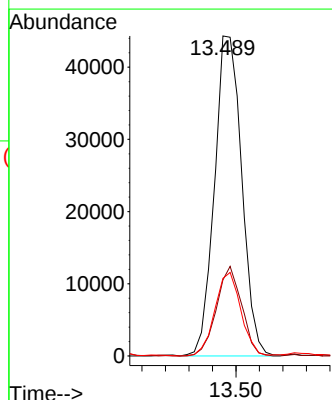
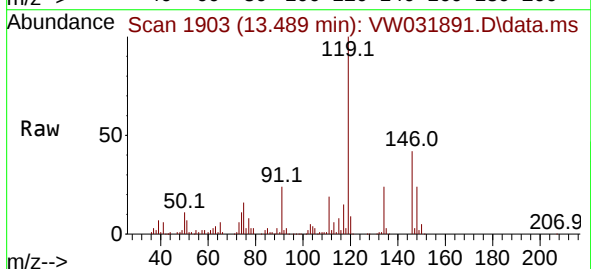
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

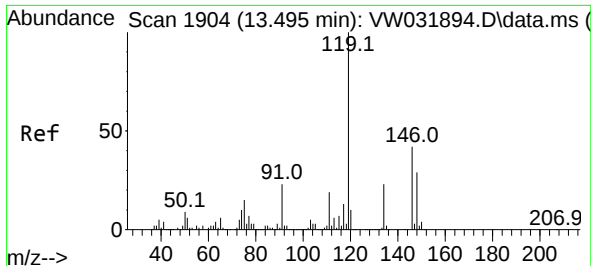
Tgt Ion:105 Resp: 86541
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 5.059 ug/l
 RT: 13.489 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VW031891.D
 Acq: 22 Jul 2025 09:05

Tgt Ion:119 Resp: 71432
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 25.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 5.271 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

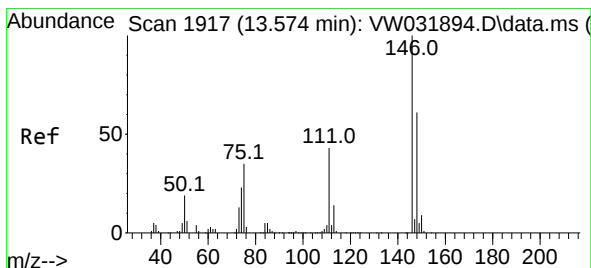
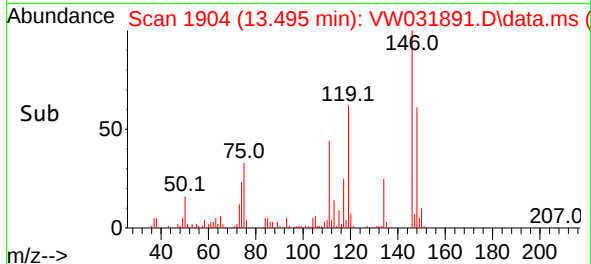
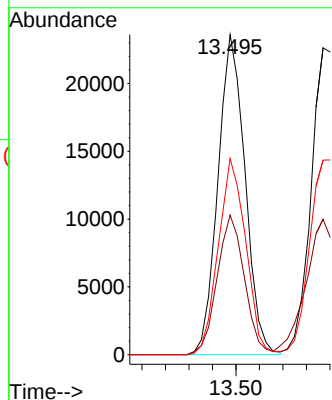
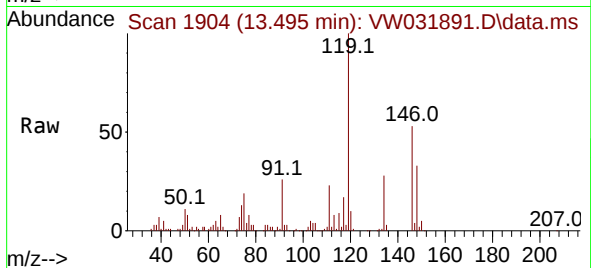
Tgt Ion:146 Resp: 37803

Ion Ratio Lower Upper

146 100

111 44.0 21.9 65.7

148 61.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 5.340 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

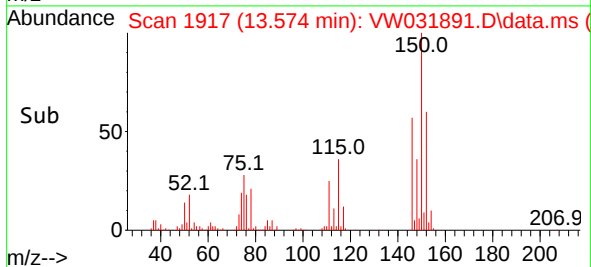
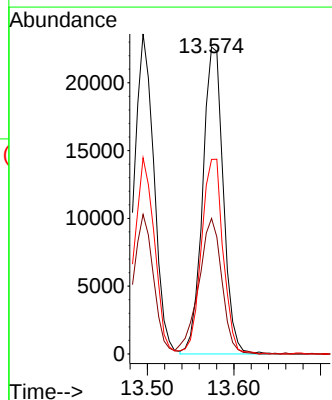
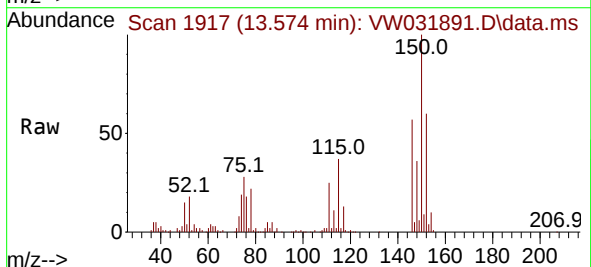
Tgt Ion:146 Resp: 37516

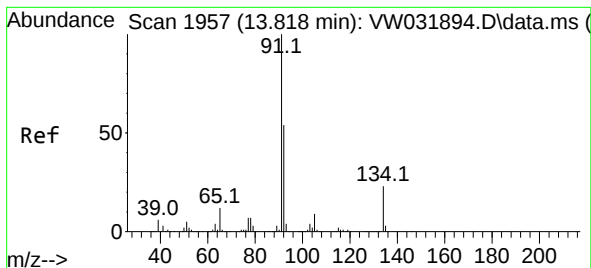
Ion Ratio Lower Upper

146 100

111 49.5 22.1 66.3

148 67.1 31.8 95.3





#89

n-Butylbenzene

Concen: 5.090 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031891.D

Acq: 22 Jul 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

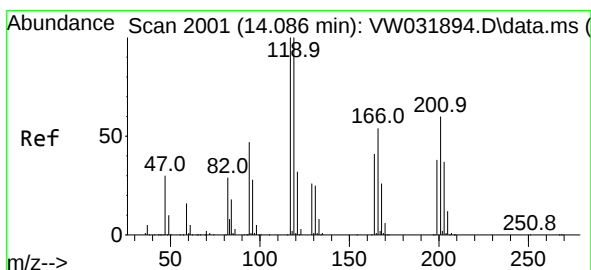
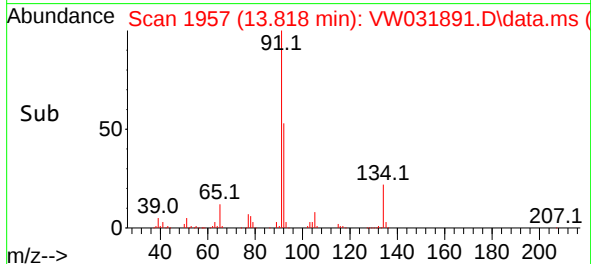
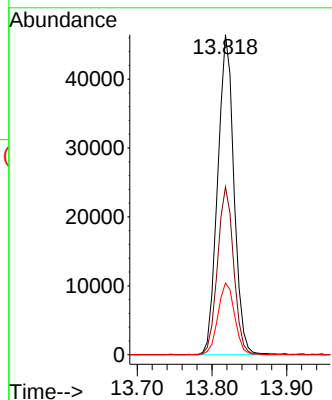
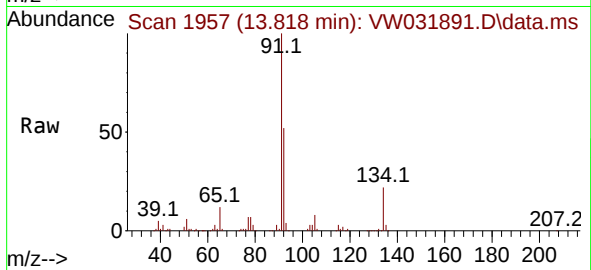
Tgt Ion: 91 Resp: 70505

Ion Ratio Lower Upper

91 100

92 51.8 27.2 81.5

134 23.0 11.6 34.7



#90

Hexachloroethane

Concen: 5.154 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031891.D

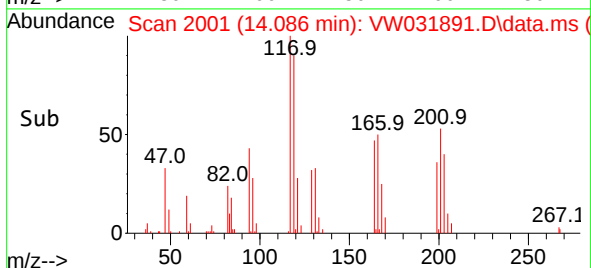
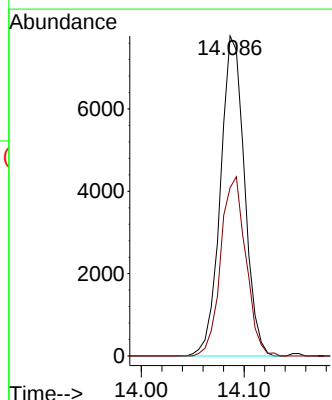
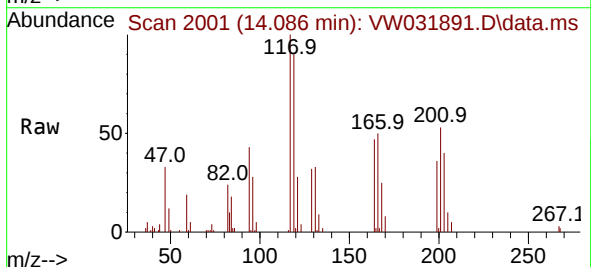
Acq: 22 Jul 2025 09:05

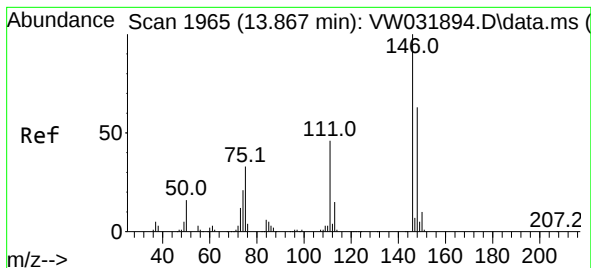
Tgt Ion: 117 Resp: 12586

Ion Ratio Lower Upper

117 100

201 58.5 28.4 85.2

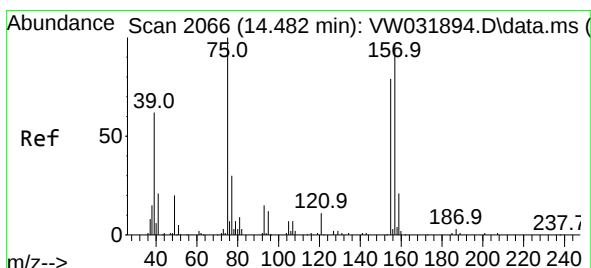
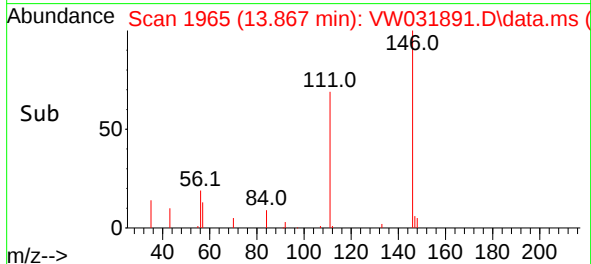
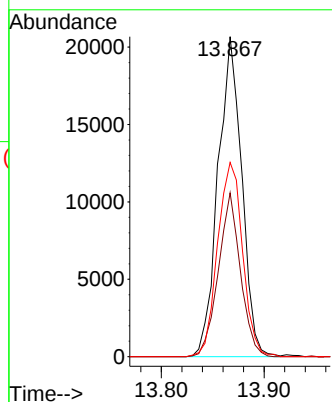
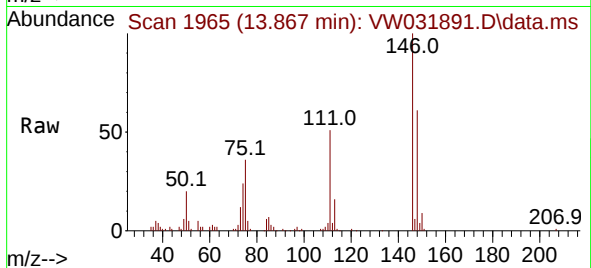




#91
1,2-Dichlorobenzene
Concen: 5.213 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

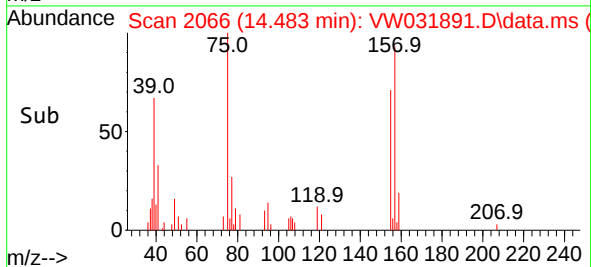
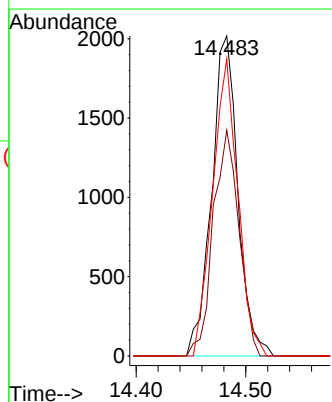
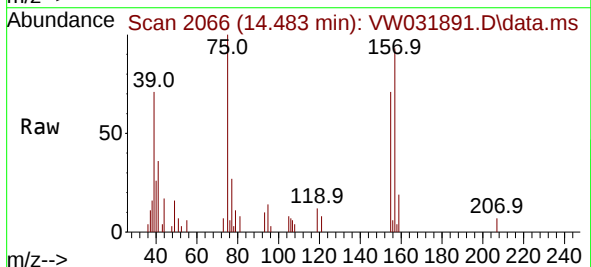
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

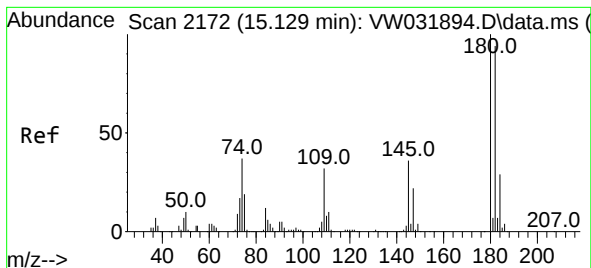
Tgt Ion:146 Resp: 33137
Ion Ratio Lower Upper
146 100
111 47.6 23.6 71.0
148 63.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.501 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion: 75 Resp: 3359
Ion Ratio Lower Upper
75 100
155 69.4 35.9 107.7
157 89.6 47.4 142.2

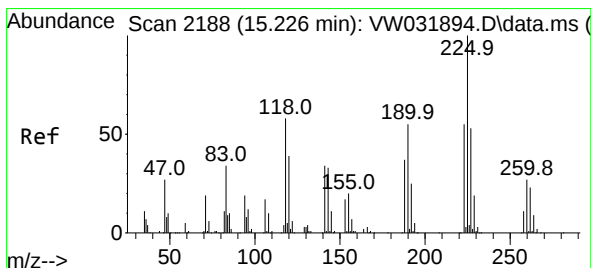
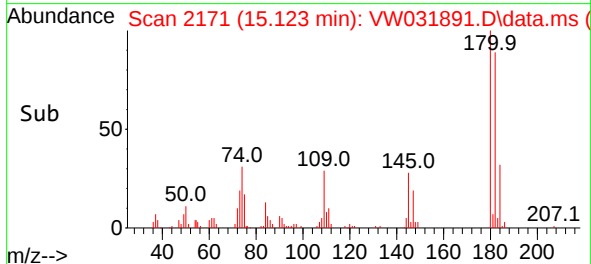
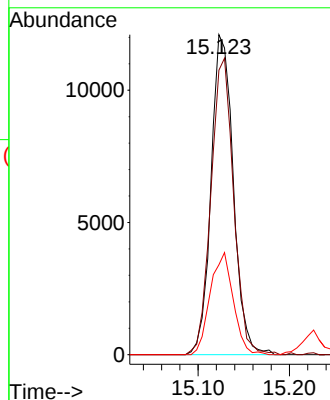
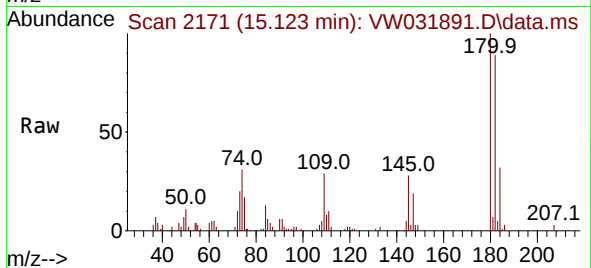




#93
1,2,4-Trichlorobenzene
Concen: 5.328 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

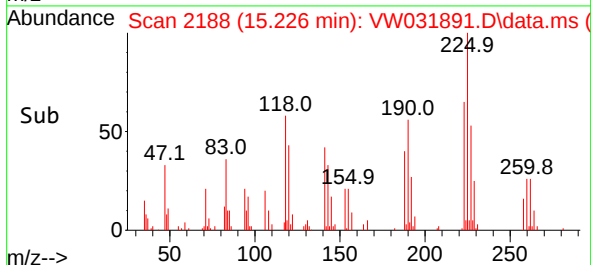
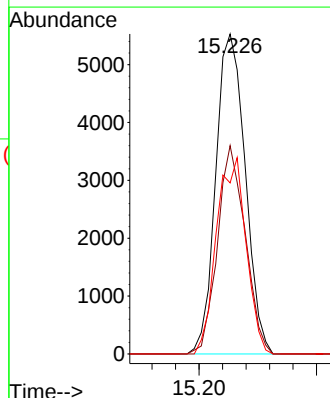
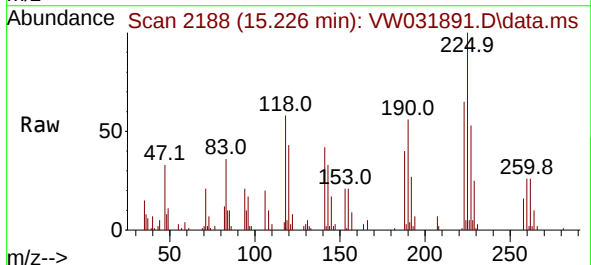
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

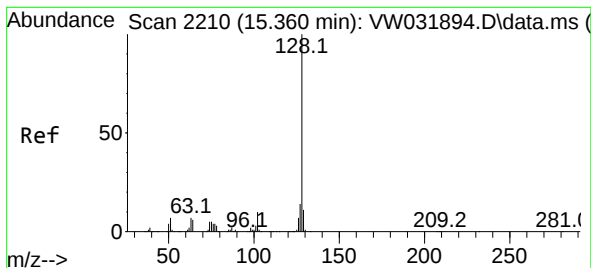
Tgt Ion:180 Resp: 20425
Ion Ratio Lower Upper
180 100
182 94.4 51.0 153.1
145 33.2 18.4 55.4



#94
Hexachlorobutadiene
Concen: 5.297 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:225 Resp: 9622
Ion Ratio Lower Upper
225 100
223 61.3 30.9 92.7
227 61.6 30.0 90.1

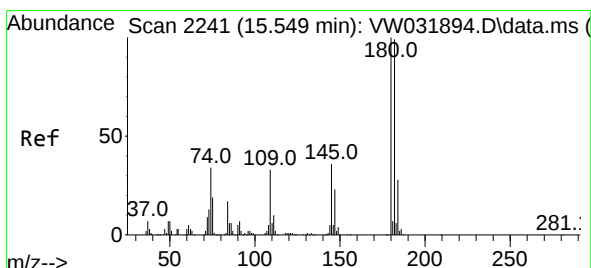
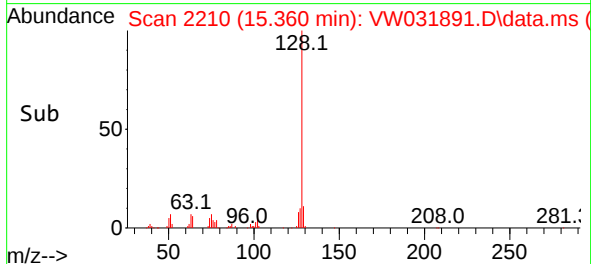
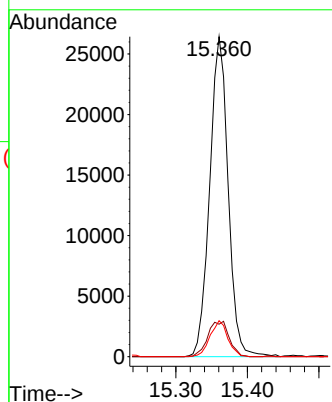
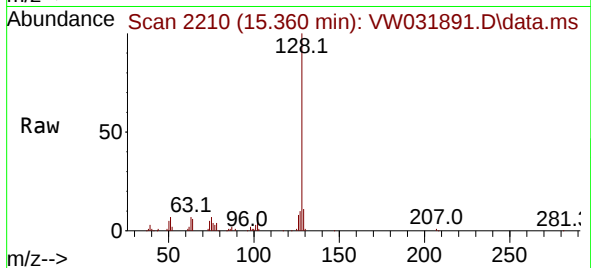




#95
Naphthalene
Concen: 5.027 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	47376
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.7	16.1
129	10.8	9.2	13.8



#96
1,2,3-Trichlorobenzene
Concen: 5.157 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031891.D
Acq: 22 Jul 2025 09:05

Tgt Ion:	180	Resp:	17912
Ion Ratio	Lower	Upper	
180	100		
182	94.9	50.4	151.2
145	41.1	18.6	55.8

