

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032410.D
 Acq On : 10 Nov 2025 16:39
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 11 03:36:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	429725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	800384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	693653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	316801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	550189	99.309	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 198.620%#	
35) Dibromofluoromethane	7.898	113	474936	99.108	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 198.220%#	
50) Toluene-d8	10.324	98	1818950	98.942	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 197.880%#	
62) 4-Bromofluorobenzene	12.617	95	681369	98.113	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 196.220%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	209198	95.054	ug/l	97
3) Chloromethane	2.253	50	376296	100.692	ug/l	100
4) Vinyl Chloride	2.405	62	466906	98.996	ug/l	96
5) Bromomethane	2.820	94	312741	99.129	ug/l	99
6) Chloroethane	2.966	64	310998	100.786	ug/l	99
7) Trichlorofluoromethane	3.307	101	379643	102.667	ug/l	95
8) Diethyl Ether	3.722	74	301478	99.719	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	393269	97.631	ug/l	100
10) Methyl Iodide	4.307	142	670896	103.409	ug/l	97
11) Tert butyl alcohol	5.216	59	233477	487.365	ug/l	99
12) 1,1-Dichloroethene	4.076	96	462998	100.240	ug/l	98
13) Acrolein	3.929	56	403577	502.106	ug/l	100
14) Allyl chloride	4.703	41	915284	103.044	ug/l	99
15) Acrylonitrile	5.405	53	878664	502.664	ug/l	100
16) Acetone	4.161	43	816608	492.679	ug/l	99
17) Carbon Disulfide	4.417	76	1412864	103.493	ug/l	98
18) Methyl Acetate	4.710	43	409034	99.655	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	967405	99.359	ug/l	99
20) Methylene Chloride	4.953	84	565294	95.367	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	536141	101.514	ug/l	99
22) Diisopropyl ether	6.343	45	1834328	101.428	ug/l	93
23) Vinyl Acetate	6.282	43	6417015	517.894	ug/l	98
24) 1,1-Dichloroethane	6.246	63	1003793	101.307	ug/l	99
25) 2-Butanone	7.191	43	1219983	499.605	ug/l	99
26) 2,2-Dichloropropane	7.191	77	540572	97.893	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	642856	101.868	ug/l	99
28) Bromochloromethane	7.532	49	462255	98.707	ug/l	98
29) Tetrahydrofuran	7.551	42	781708	504.365	ug/l	100
30) Chloroform	7.697	83	980958	101.132	ug/l	98
31) Cyclohexane	7.971	56	861642	94.009	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	701923	101.298	ug/l	100
36) 1,1-Dichloropropene	8.099	75	697975	98.854	ug/l	99
37) Ethyl Acetate	7.270	43	511684	97.458	ug/l	99
38) Carbon Tetrachloride	8.087	117	617665	98.453	ug/l	98
39) Methylcyclohexane	9.343	83	898941	98.279	ug/l	93
40) Benzene	8.337	78	2261437	99.457	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	292045	101.259	ug/l	98
42) 1,2-Dichloroethane	8.410	62	655360	98.125	ug/l	100
43) Isopropyl Acetate	8.434	43	929467	99.979	ug/l	100
44) Trichloroethene	9.099	130	516649	97.647	ug/l	94
45) 1,2-Dichloropropane	9.373	63	560668	99.027	ug/l	98
46) Dibromomethane	9.465	93	322963	97.615	ug/l	99
47) Bromodichloromethane	9.648	83	769561	101.968	ug/l	97
48) Methyl methacrylate	9.440	41	439533	99.494	ug/l	94
49) 1,4-Dioxane	9.459	88	92138	1987.934	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	2535868	493.417	ug/l	100
52) Toluene	10.391	92	1393077	99.188	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	813483	104.660	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	921332	102.501	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	445589	98.174	ug/l	97
56) Ethyl methacrylate	10.648	69	718120	103.118	ug/l	99
57) 1,3-Dichloropropane	10.934	76	795798	98.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	1907914	514.445	ug/l	100
59) 2-Hexanone	10.971	43	1848731	491.662	ug/l	99
60) Dibromochloromethane	11.129	129	512808	101.174	ug/l	99
61) 1,2-Dibromoethane	11.239	107	434659	98.325	ug/l	99
64) Tetrachloroethene	10.867	164	419713	102.178	ug/l	93
65) Chlorobenzene	11.660	112	1515655	101.377	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	479510	103.634	ug/l	99
67) Ethyl Benzene	11.727	91	2656753	102.700	ug/l	99
68) m/p-Xylenes	11.836	106	1963495	202.156	ug/l	99
69) o-Xylene	12.166	106	969597	104.258	ug/l	97
70) Styrene	12.178	104	1681973	105.135	ug/l	99
71) Bromoform	12.348	173	284967	103.980	ug/l #	98
73) Isopropylbenzene	12.464	105	2395772	102.968	ug/l	100
74) N-amyl acetate	12.269	43	845015	104.515	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	551839	99.938	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	709106	163.220	ug/l #	1
77) Bromobenzene	12.745	156	546510	99.206	ug/l	92
78) n-propylbenzene	12.800	91	2892121	102.070	ug/l	99
79) 2-Chlorotoluene	12.891	91	1767116	102.163	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1955044	101.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	204550	107.855	ug/l	97
82) 4-Chlorotoluene	12.989	91	1810987	100.663	ug/l	99
83) tert-Butylbenzene	13.202	119	1702452	101.956	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	1945604	99.654	ug/l	98
85) sec-Butylbenzene	13.379	105	2472114	99.408	ug/l	100
86) p-Isopropyltoluene	13.495	119	2083658	101.480	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	1051226	100.648	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	1050230	98.149	ug/l	99
89) n-Butylbenzene	13.818	91	2017115	100.554	ug/l	100
90) Hexachloroethane	14.092	117	379045	102.388	ug/l	97
91) 1,2-Dichlorobenzene	13.866	146	955867	99.694	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	96032	100.954	ug/l	97
93) 1,2,4-Trichlorobenzene	15.128	180	615828	100.931	ug/l	96
94) Hexachlorobutadiene	15.226	225	255953	100.987	ug/l	98
95) Naphthalene	15.360	128	1638729	107.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	557493	100.642	ug/l	98

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ClientSampleId :
VSTDICC100

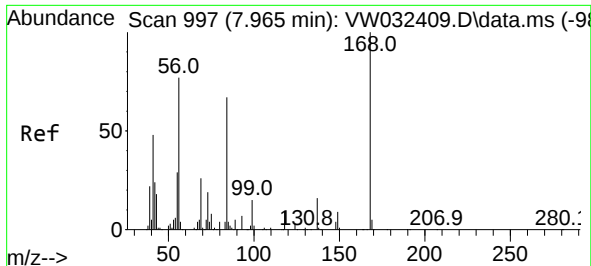
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

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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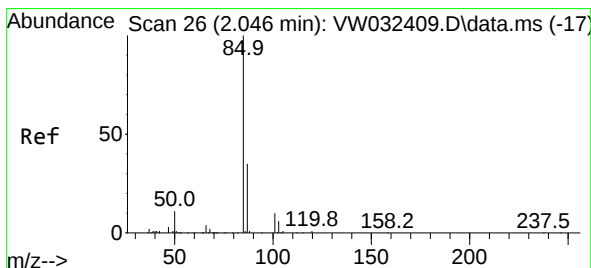
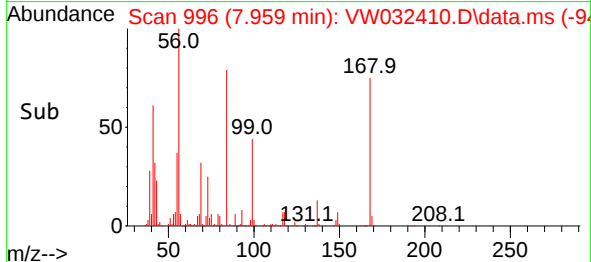
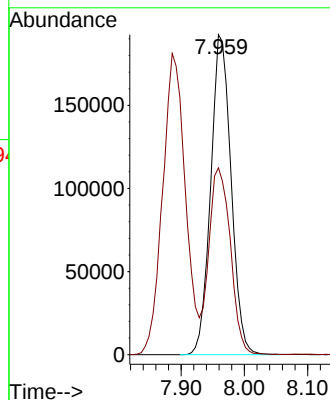
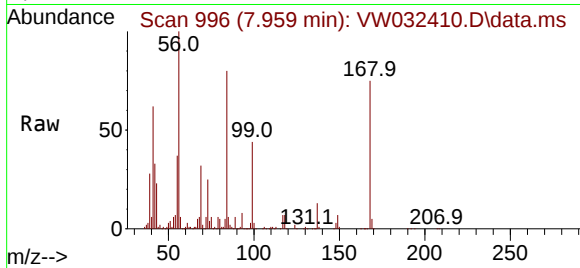




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

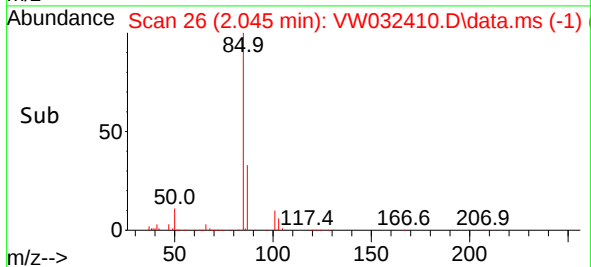
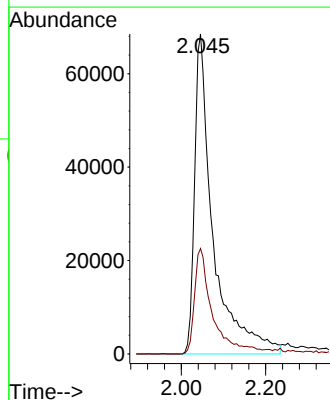
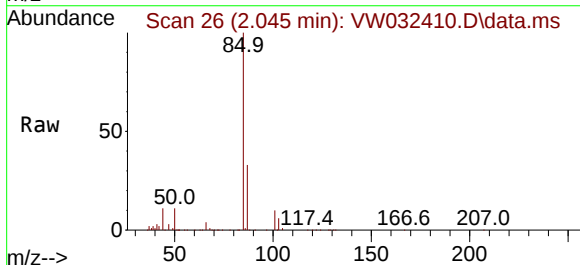
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

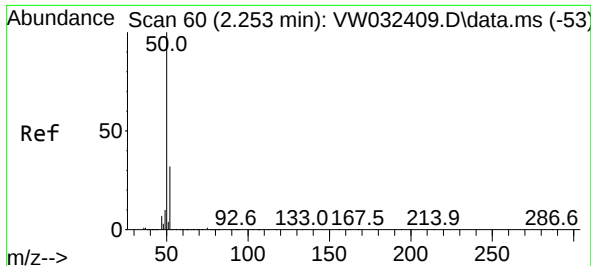
Tgt Ion:168 Resp: 429725
Ion Ratio Lower Upper
168 100
99 58.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 95.054 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 85 Resp: 209198
Ion Ratio Lower Upper
85 100
87 32.9 17.4 52.2

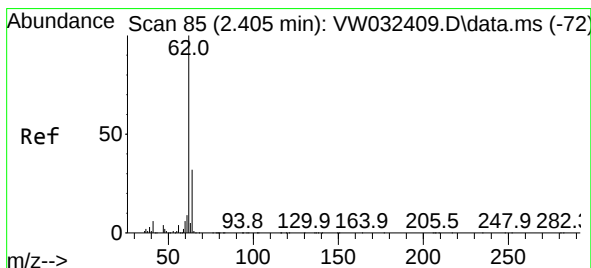
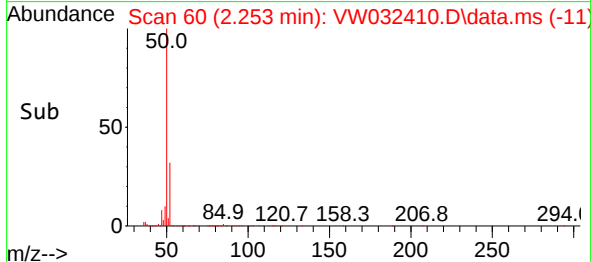
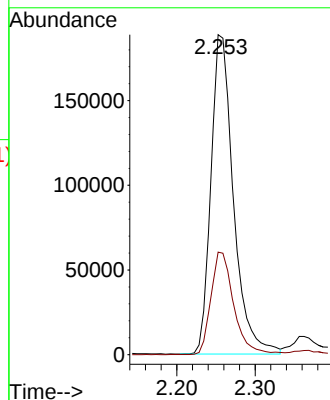
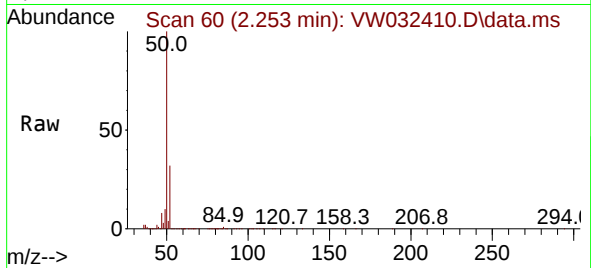




#3
Chloromethane
Concen: 100.692 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

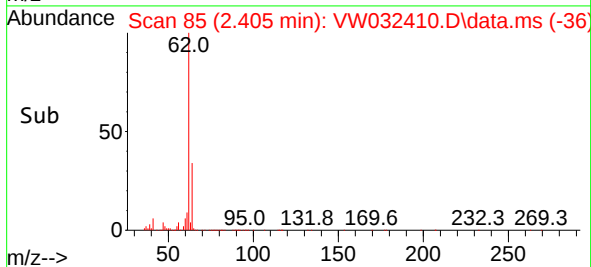
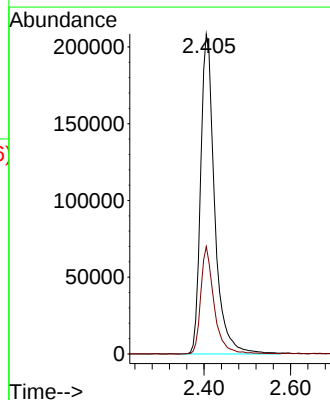
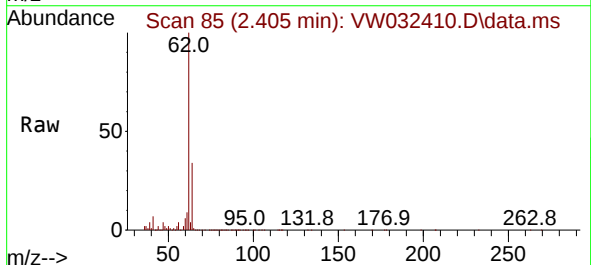
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 50 Resp: 376296
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3



#4
Vinyl Chloride
Concen: 98.996 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 62 Resp: 466906
Ion Ratio Lower Upper
62 100
64 33.6 25.2 37.8

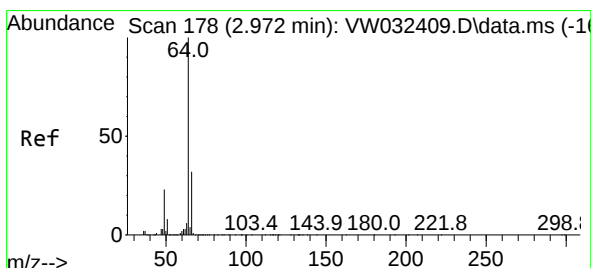
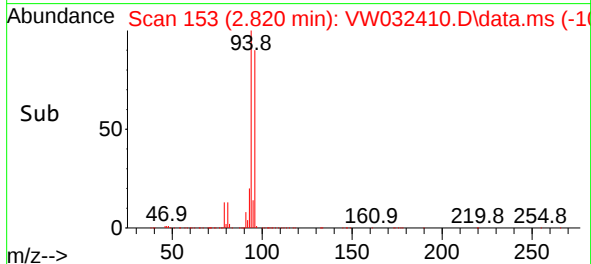
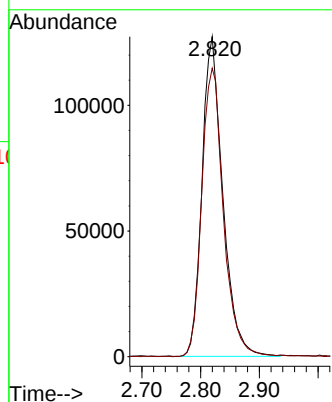
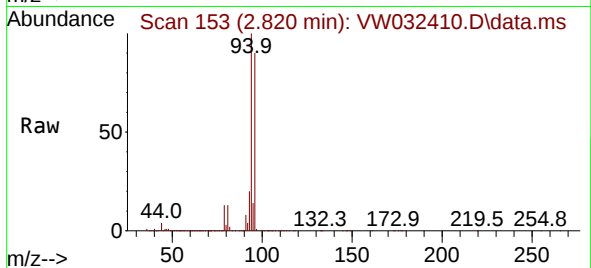




#5
Bromomethane
Concen: 99.129 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

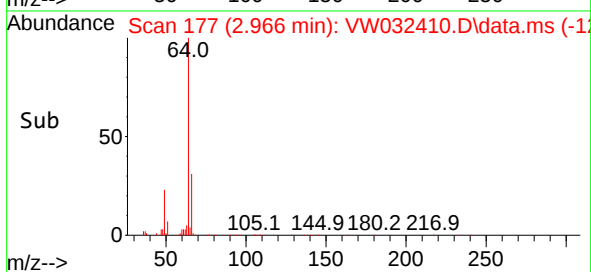
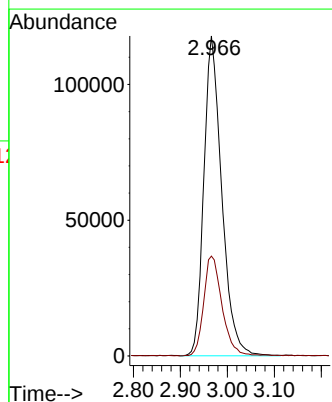
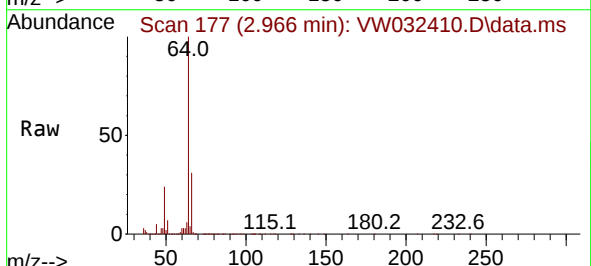
Instrument :
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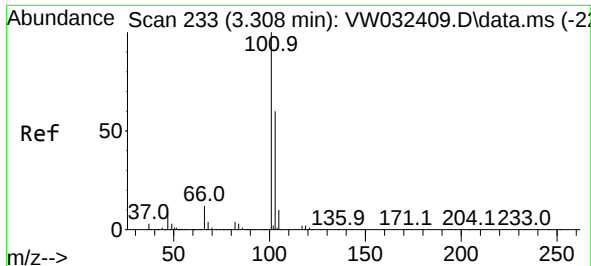
Tgt Ion: 94 Resp: 312741
Ion Ratio Lower Upper
94 100
96 90.2 71.4 107.2



#6
Chloroethane
Concen: 100.786 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 64 Resp: 310998
Ion Ratio Lower Upper
64 100
66 31.2 25.6 38.4

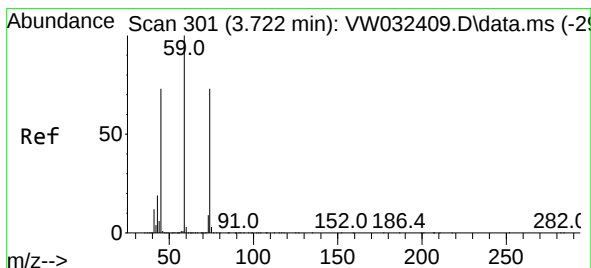
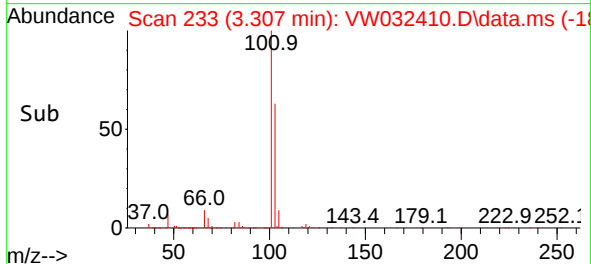
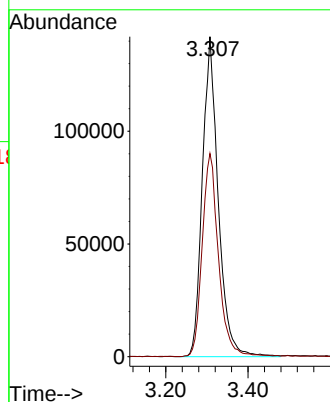
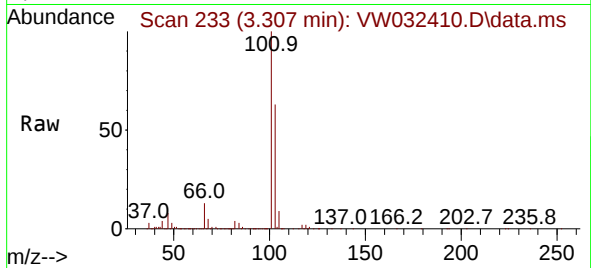




#7
Trichlorofluoromethane
Concen: 102.667 ug/l
RT: 3.307 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

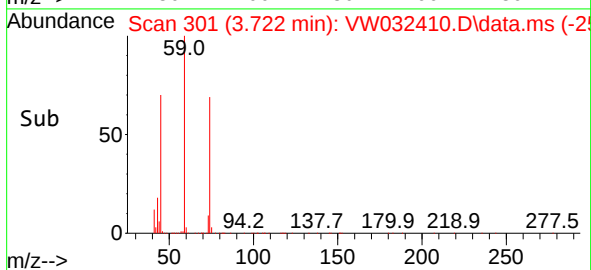
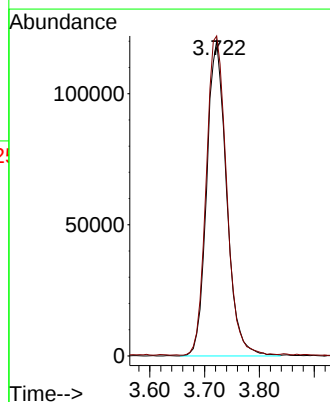
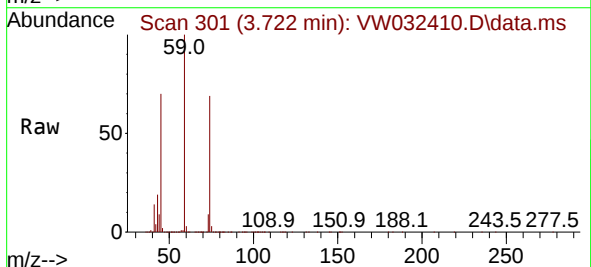
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

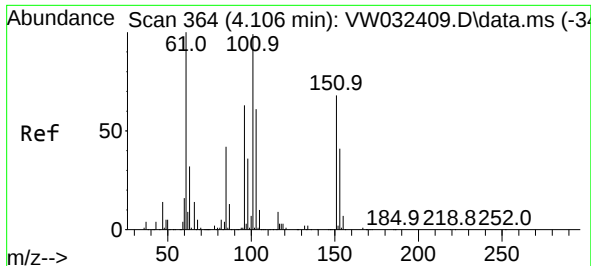
Tgt Ion:101 Resp: 379643
Ion Ratio Lower Upper
101 100
103 63.4 48.0 72.0



#8
Diethyl Ether
Concen: 99.719 ug/l
RT: 3.722 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 74 Resp: 301478
Ion Ratio Lower Upper
74 100
45 104.0 51.8 155.4

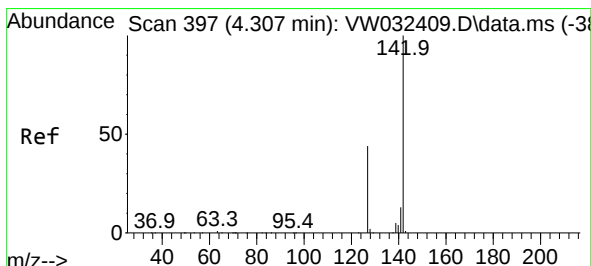
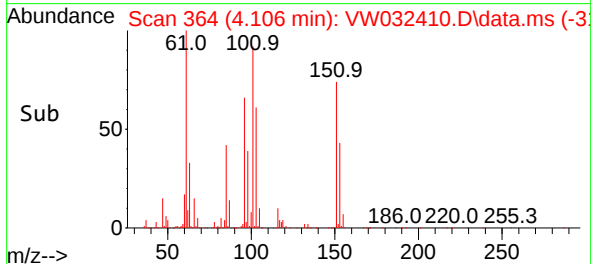
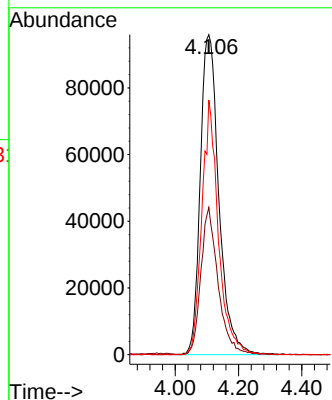
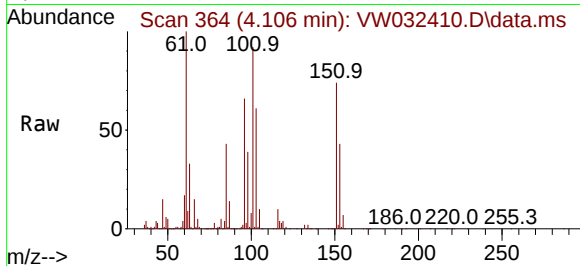




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.631 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032410.D
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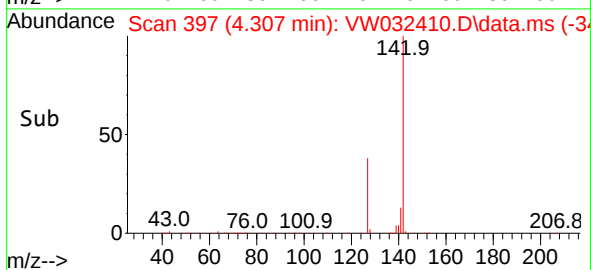
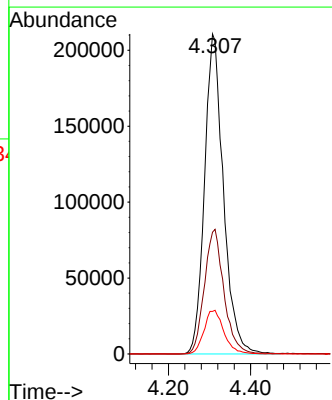
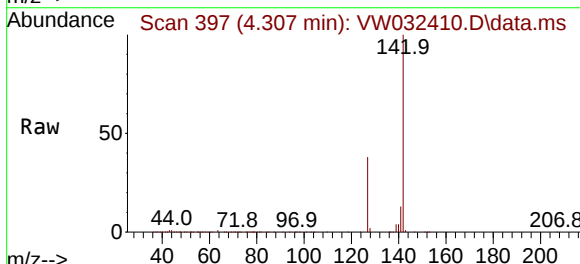
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

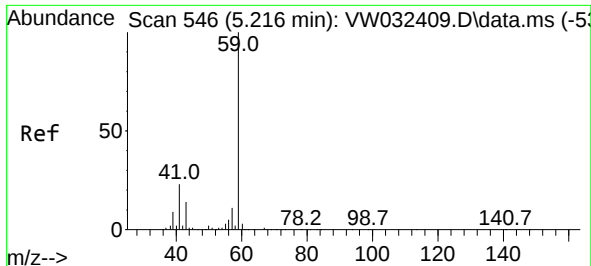
Tgt Ion:101 Resp: 393269
Ion Ratio Lower Upper
101 100
85 42.2 34.1 51.1
151 70.6 56.4 84.6



#10
Methyl Iodide
Concen: 103.409 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:142 Resp: 670896
Ion Ratio Lower Upper
142 100
127 40.5 34.2 51.2
141 14.4 11.8 17.8

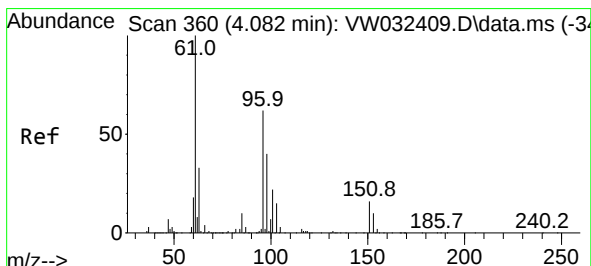
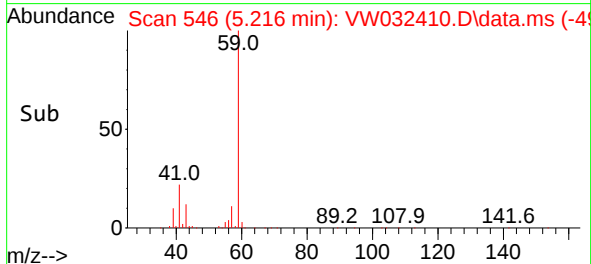
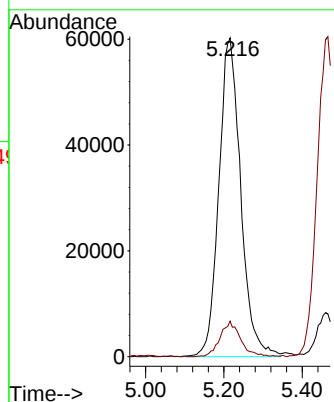
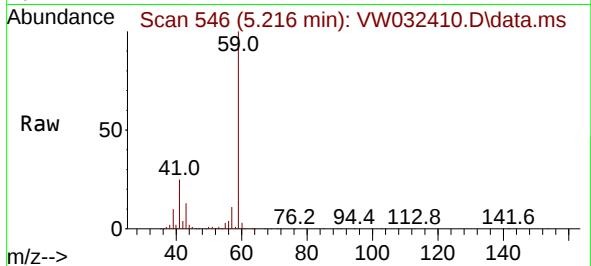




#11
Tert butyl alcohol
Concen: 487.365 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

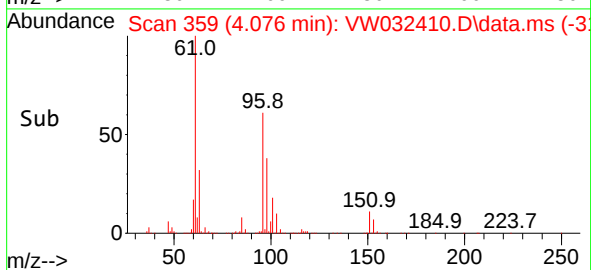
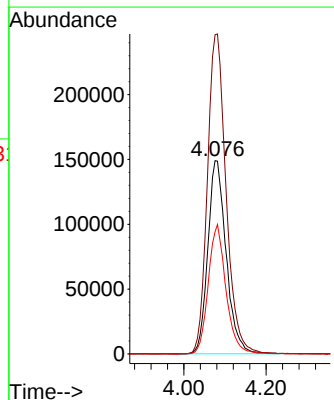
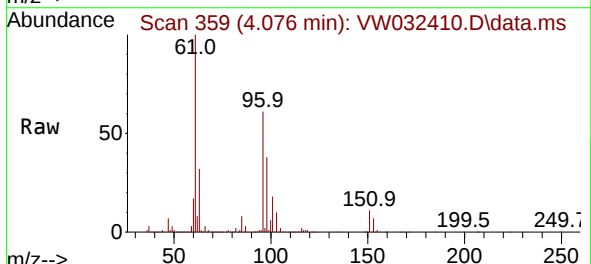
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

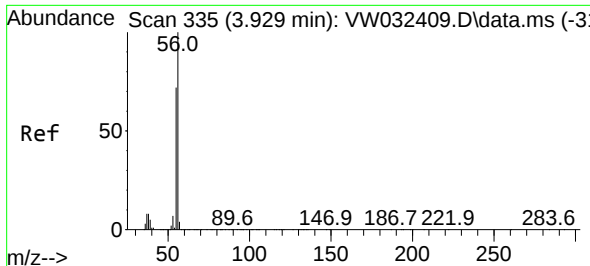
Tgt Ion: 59 Resp: 233477
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 100.240 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 96 Resp: 462998
Ion Ratio Lower Upper
96 100
61 165.2 129.0 193.6
98 63.2 51.1 76.7

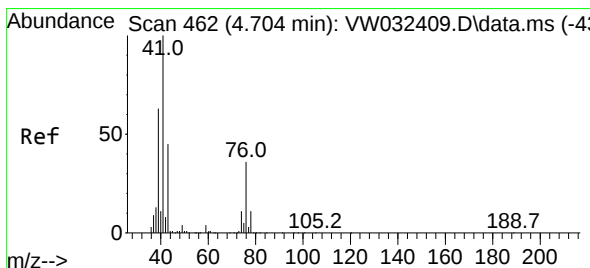
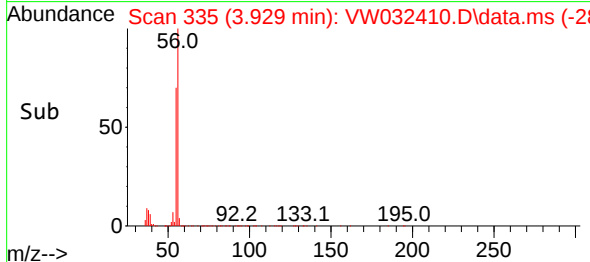
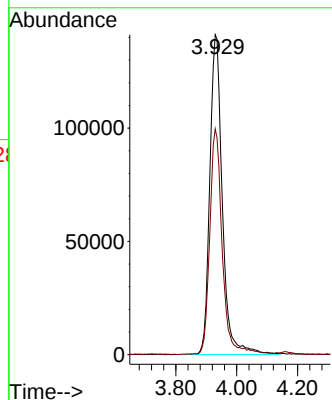
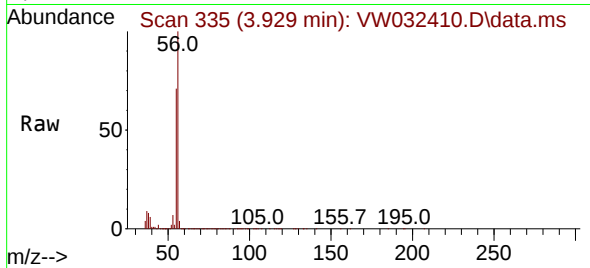




#13
Acrolein
Concen: 502.106 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

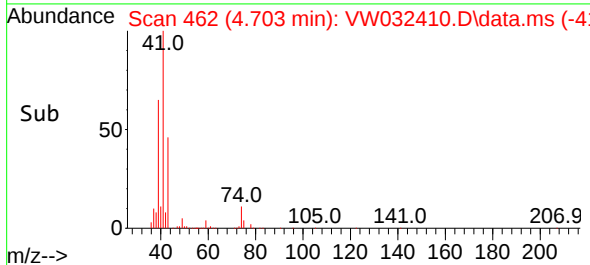
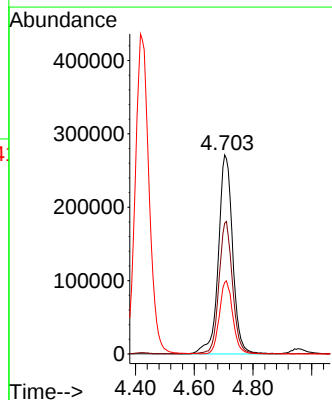
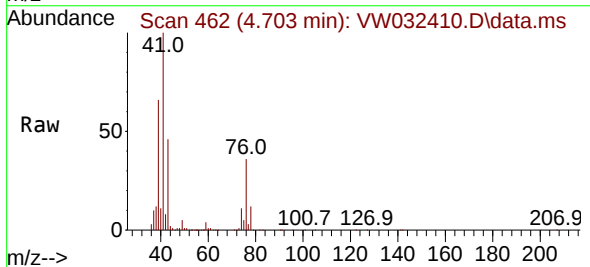
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

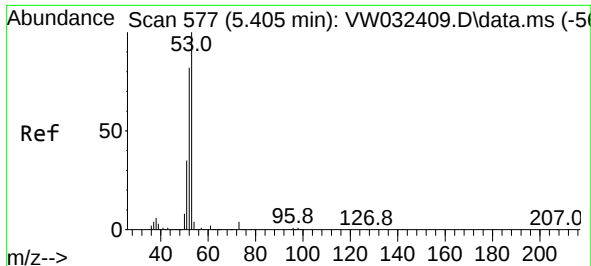
Tgt Ion: 56 Resp: 403577
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5



#14
Allyl chloride
Concen: 103.044 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 41 Resp: 915284
Ion Ratio Lower Upper
41 100
39 63.2 50.2 75.2
76 34.1 27.0 40.6

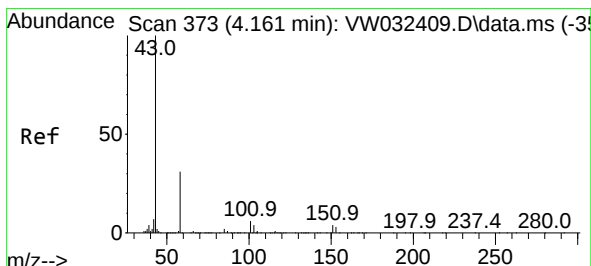
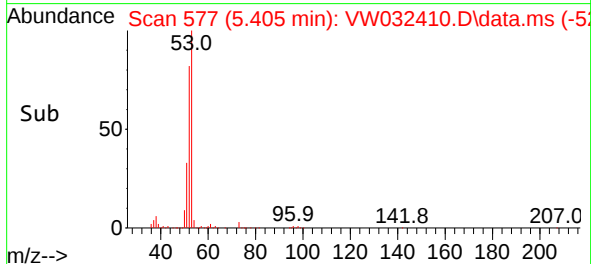
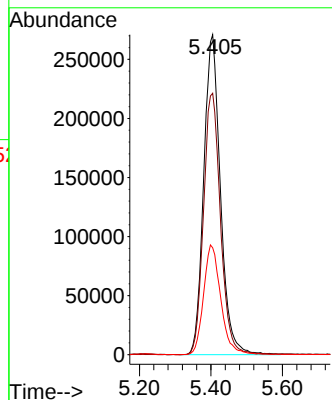
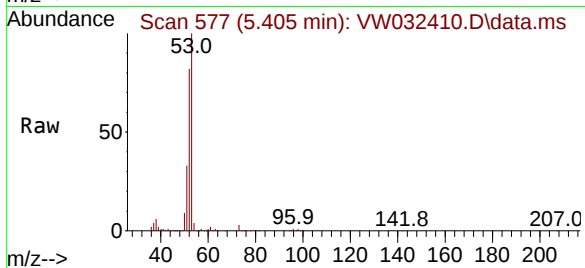




#15
Acrylonitrile
Concen: 502.664 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

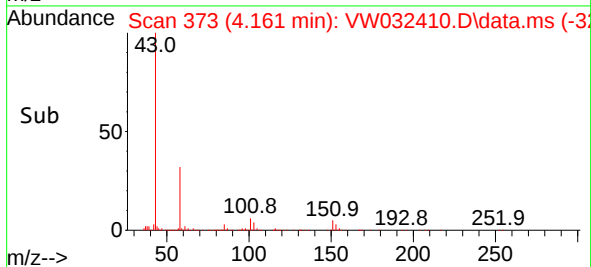
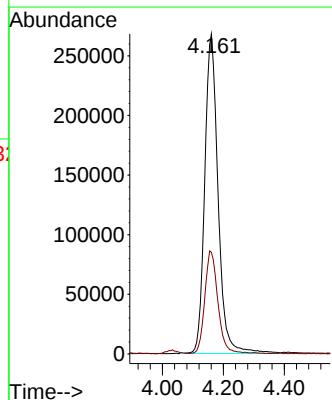
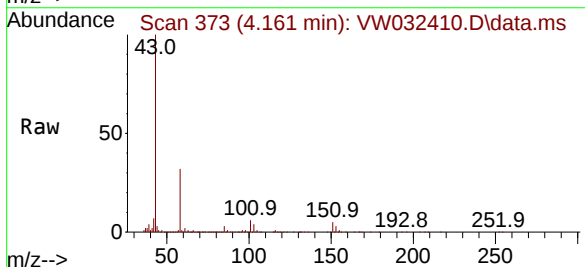
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

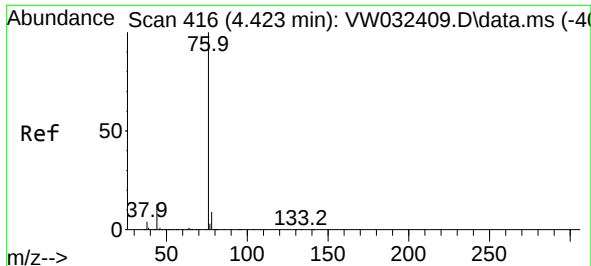
Tgt Ion: 53 Resp: 878664
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 35.4 28.6 43.0



#16
Acetone
Concen: 492.679 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 43 Resp: 816608
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2

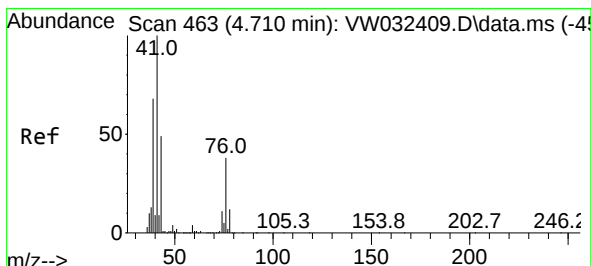
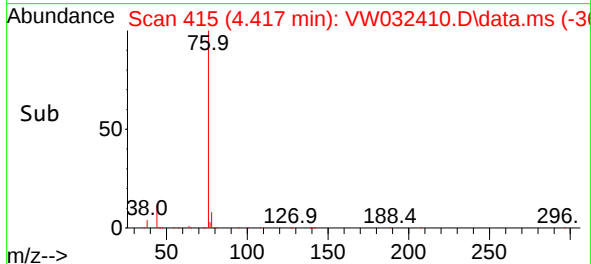
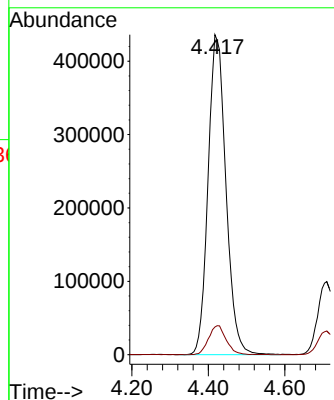
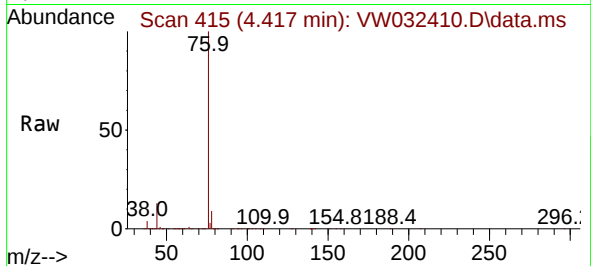




#17
Carbon Disulfide
Concen: 103.493 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

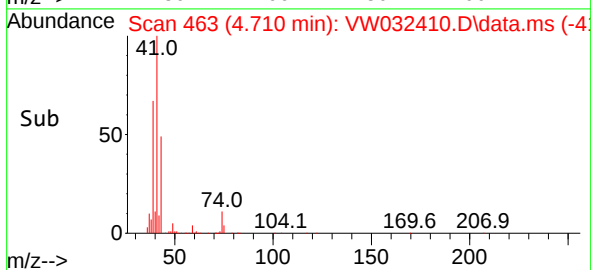
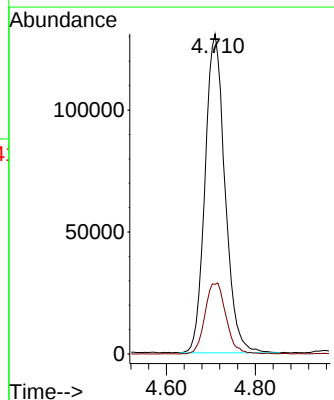
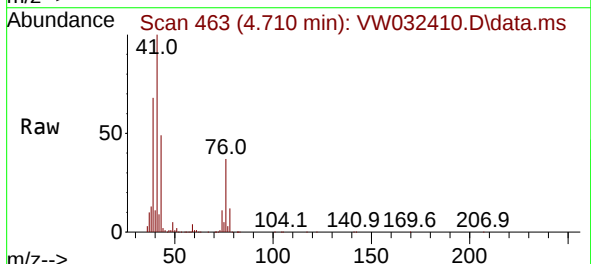
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

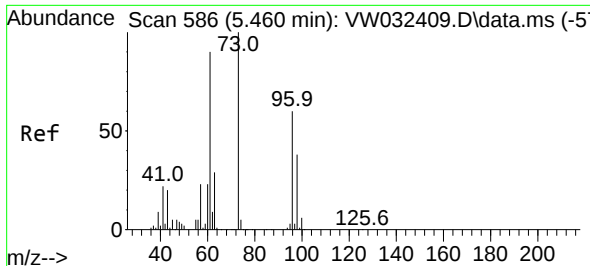
Tgt Ion: 76 Resp: 1412864
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 99.655 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 43 Resp: 409034
Ion Ratio Lower Upper
43 100
74 23.4 18.9 28.3

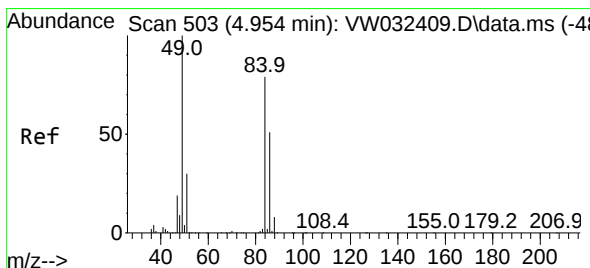
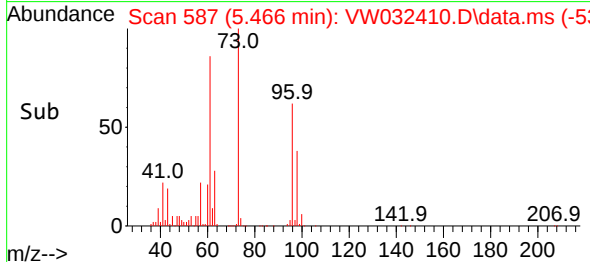
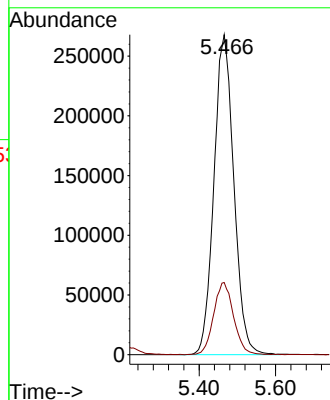
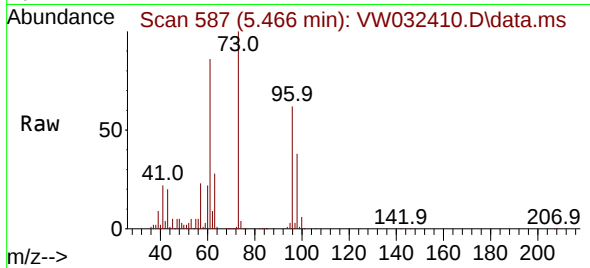




#19
Methyl tert-butyl Ether
Concen: 99.359 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

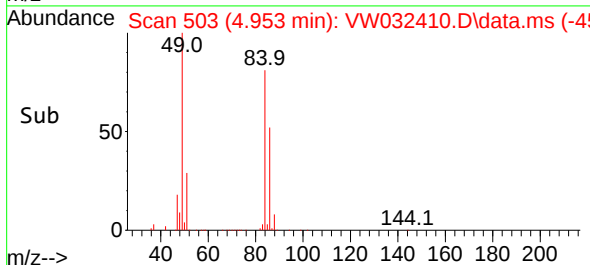
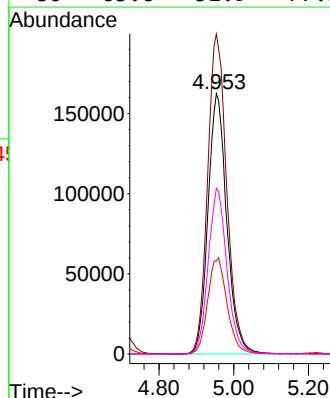
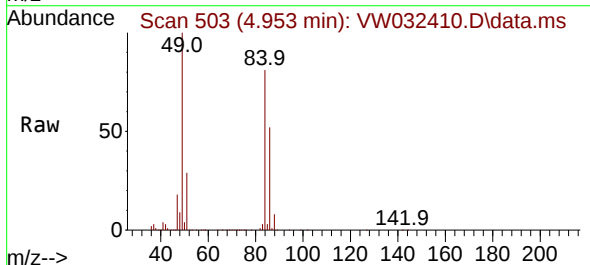
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

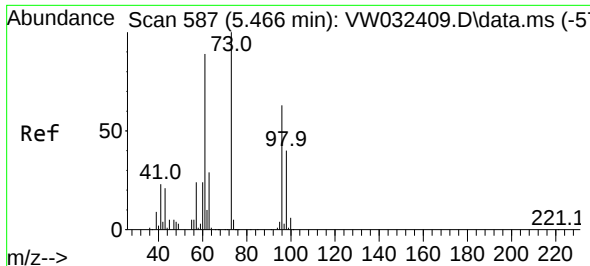
Tgt Ion: 73 Resp: 967405
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 95.367 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 84 Resp: 565294
Ion Ratio Lower Upper
84 100
49 122.9 101.5 152.3
51 35.6 30.6 46.0
86 63.6 51.9 77.9

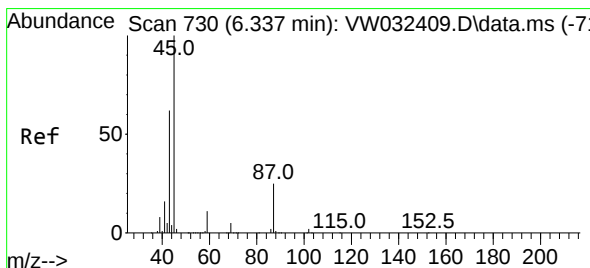
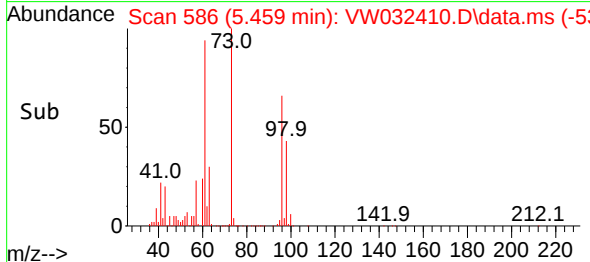
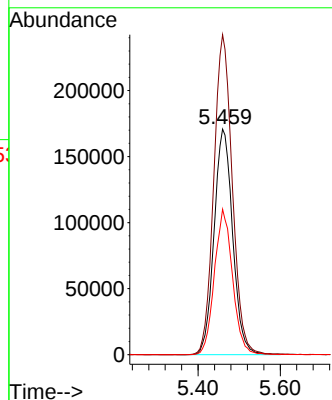
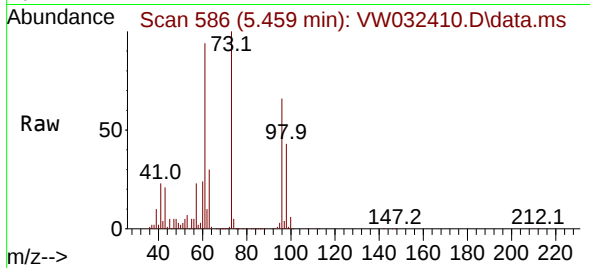




#21
trans-1,2-Dichloroethene
Concen: 101.514 ug/l
RT: 5.459 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

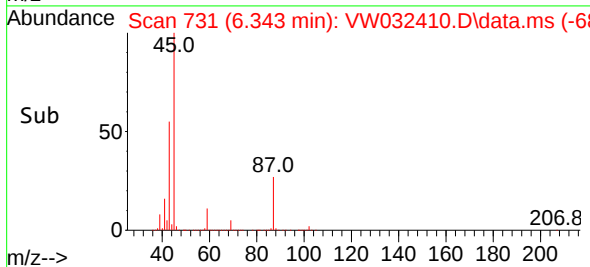
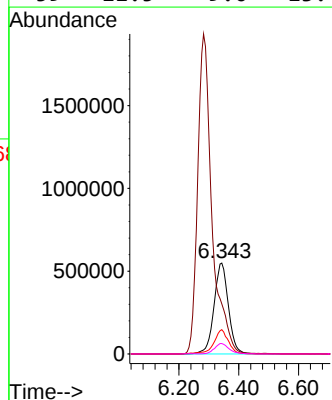
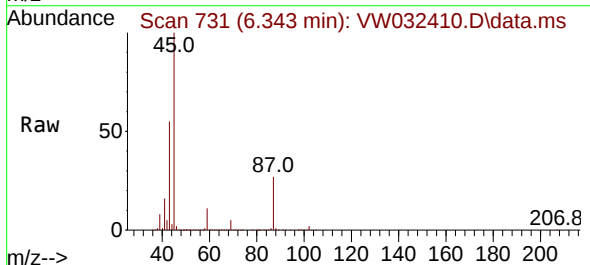
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

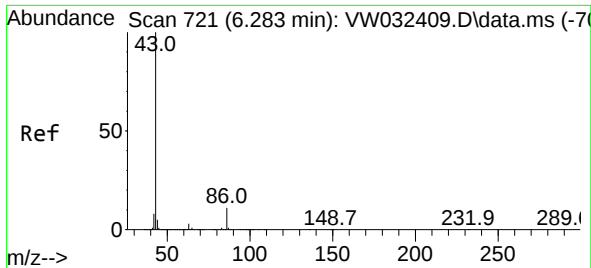
Tgt Ion: 96 Resp: 536141
Ion Ratio Lower Upper
96 100
61 141.9 112.5 168.7
98 64.5 51.1 76.7



#22
Diisopropyl ether
Concen: 101.428 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 45 Resp: 1834328
Ion Ratio Lower Upper
45 100
43 55.0 49.4 74.2
87 26.8 20.1 30.1
59 11.5 9.0 13.4

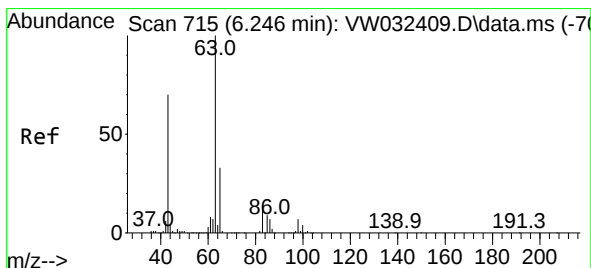
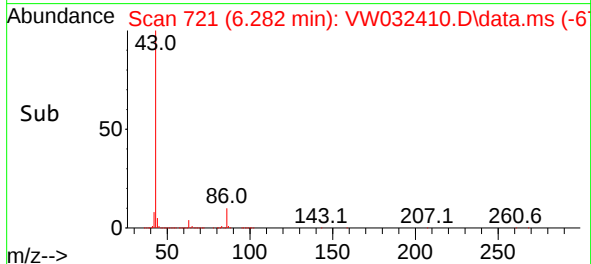
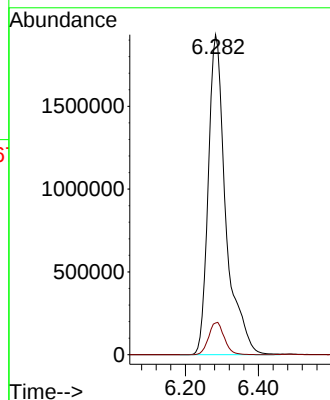
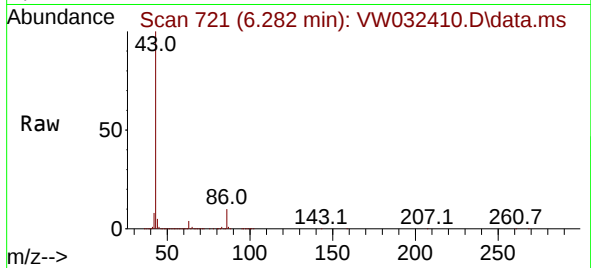




#23
 Vinyl Acetate
 Concen: 517.894 ug/l
 RT: 6.282 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032410.D
 Acq: 10 Nov 2025 16:39

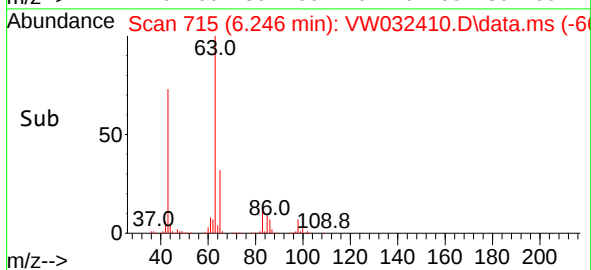
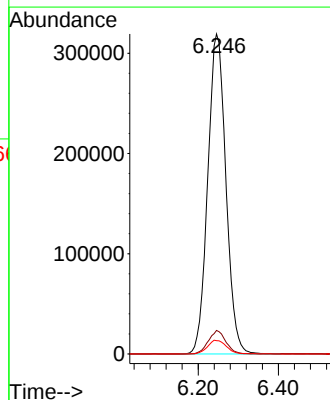
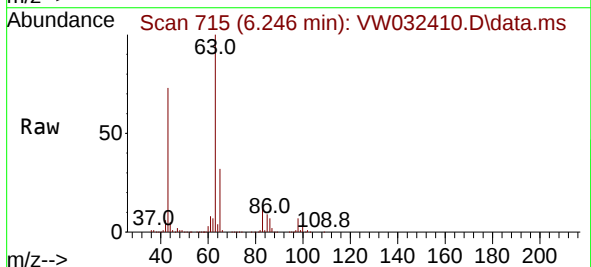
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

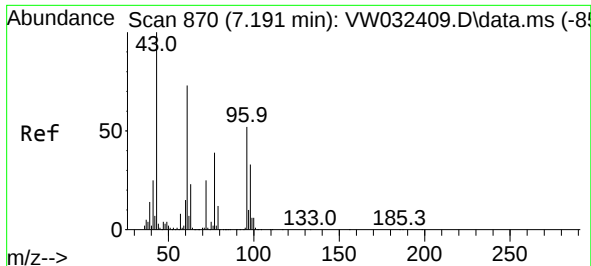
Tgt Ion: 43 Resp: 6417015
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 101.307 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032410.D
 Acq: 10 Nov 2025 16:39

Tgt Ion: 63 Resp: 1003793
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.1 2.3 6.8

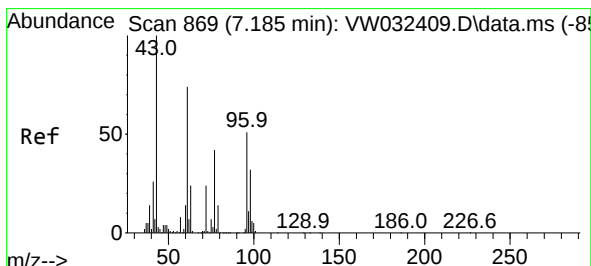
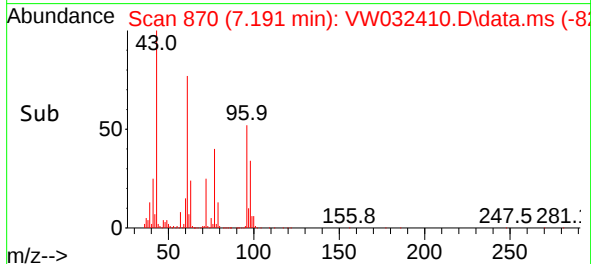
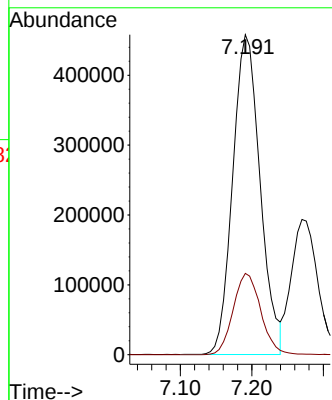
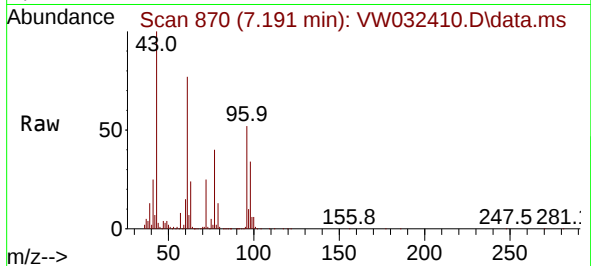




#25
2-Butanone
Concen: 499.605 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

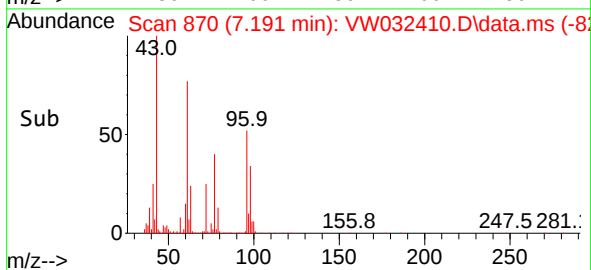
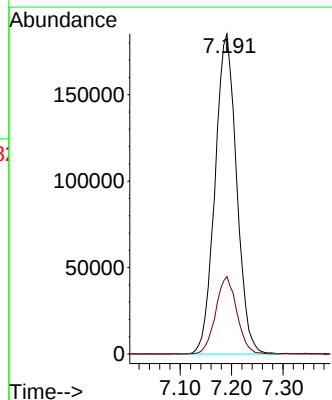
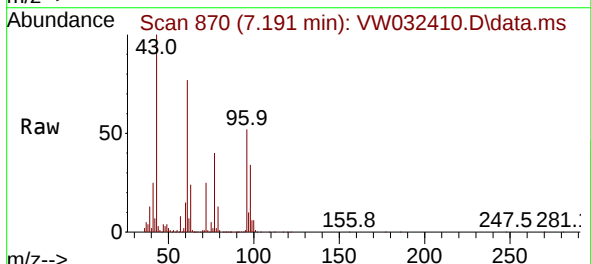
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

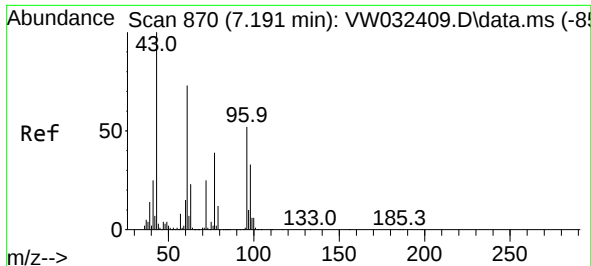
Tgt Ion: 43 Resp: 1219983
Ion Ratio Lower Upper
43 100
72 25.4 20.0 30.0



#26
2,2-Dichloropropane
Concen: 97.893 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 77 Resp: 540572
Ion Ratio Lower Upper
77 100
97 23.7 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 101.868 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

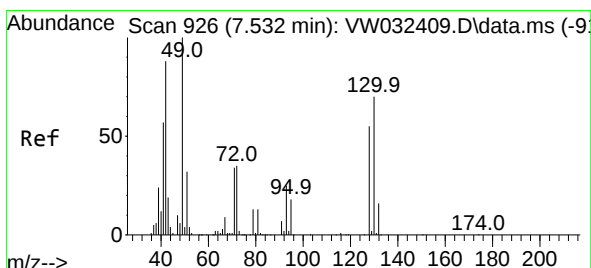
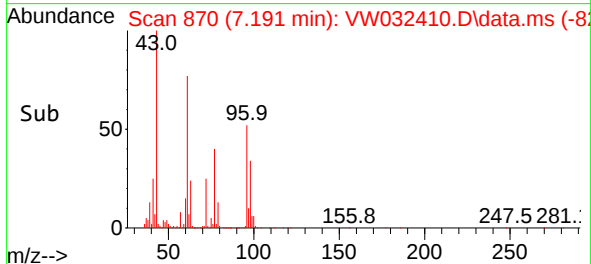
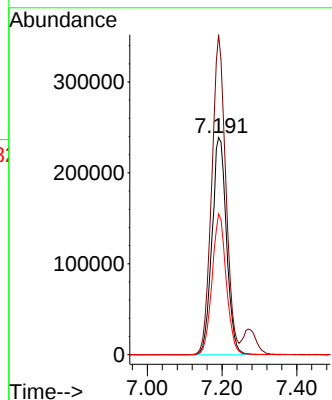
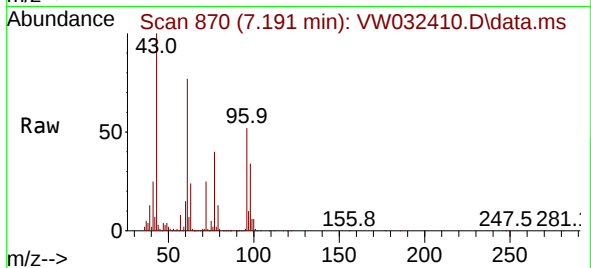
Tgt Ion: 96 Resp: 642856

Ion Ratio Lower Upper

96 100

61 143.0 0.0 282.6

98 63.4 0.0 128.6



#28

Bromochloromethane

Concen: 98.707 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

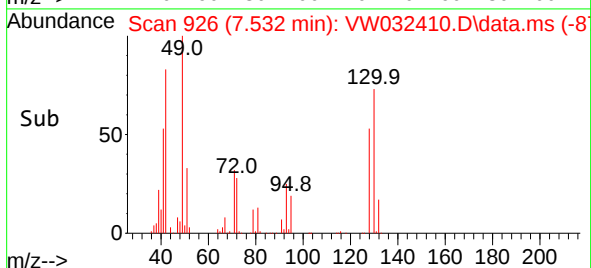
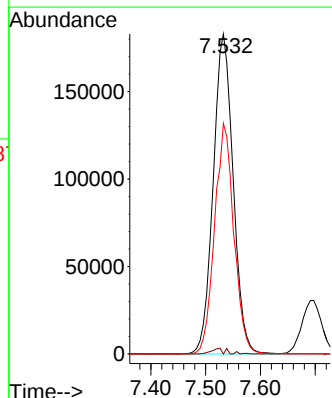
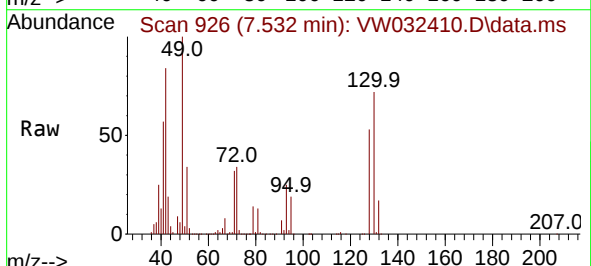
Tgt Ion: 49 Resp: 462255

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 69.7 56.9 85.3





#29

Tetrahydrofuran

Concen: 504.365 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

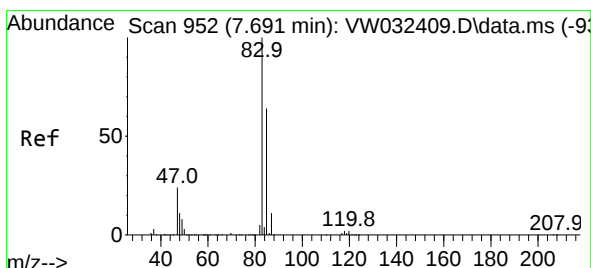
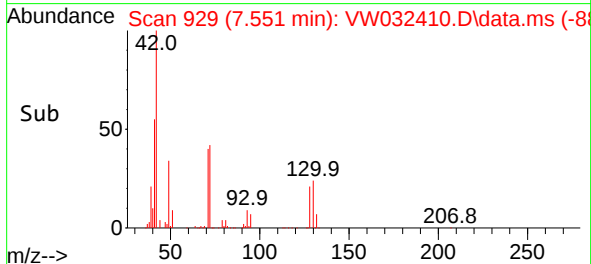
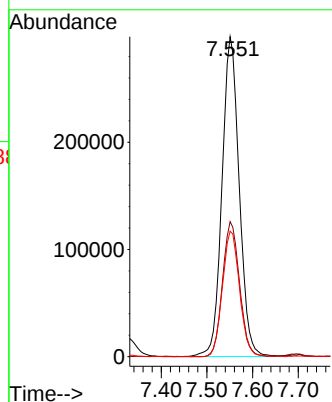
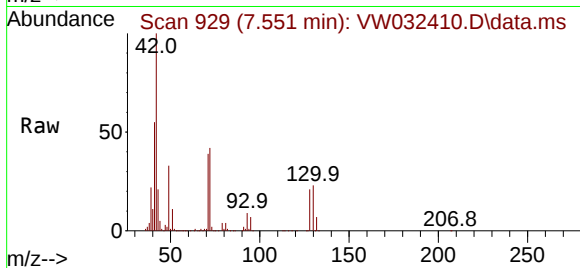
Tgt Ion: 42 Resp: 781708

Ion Ratio Lower Upper

42 100

72 41.8 33.6 50.4

71 39.0 31.4 47.0



#30

Chloroform

Concen: 101.132 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032410.D

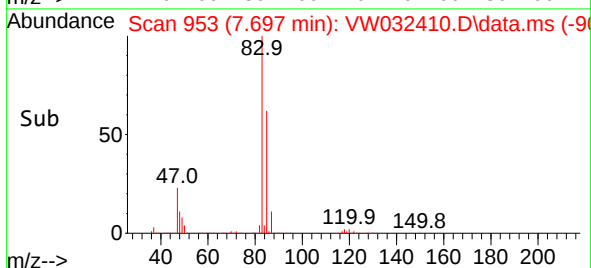
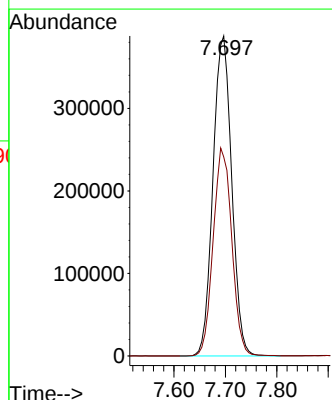
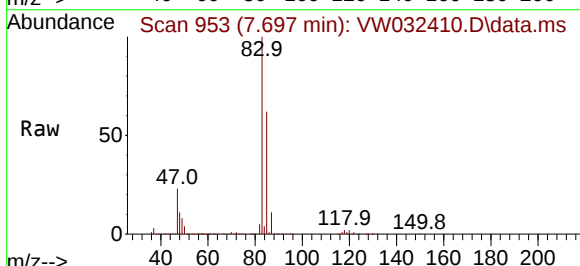
Acq: 10 Nov 2025 16:39

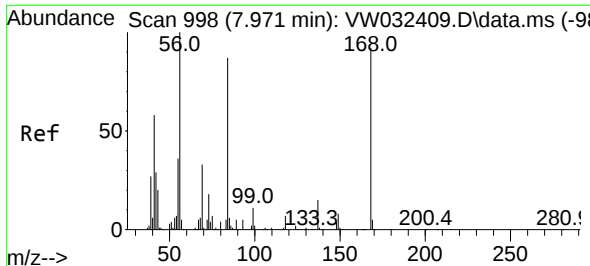
Tgt Ion: 83 Resp: 980958

Ion Ratio Lower Upper

83 100

85 62.2 51.0 76.4

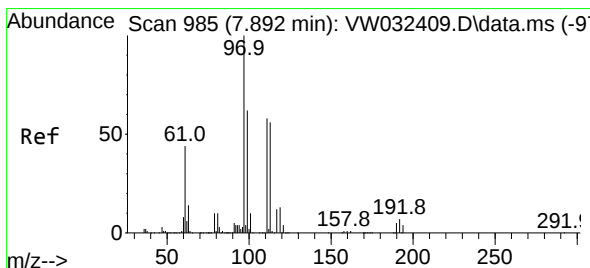
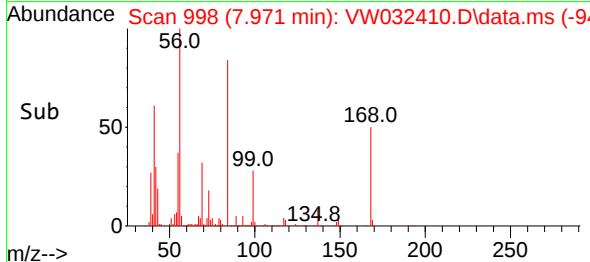
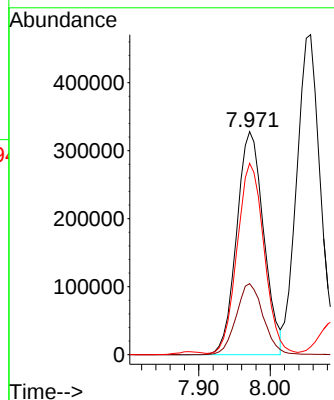
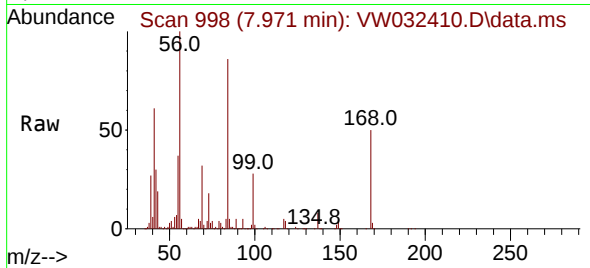




#31
Cyclohexane
Concen: 94.009 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

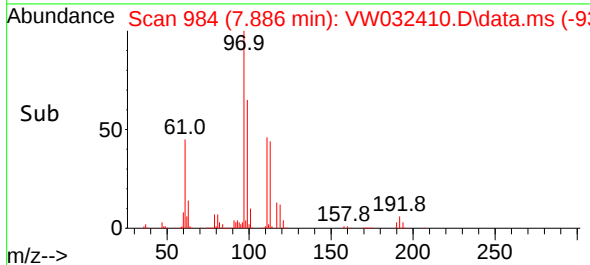
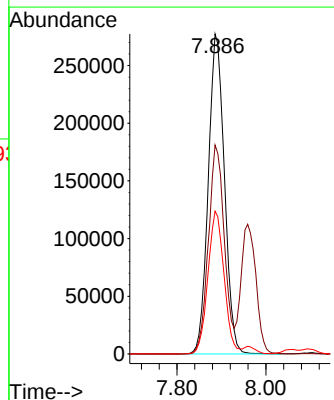
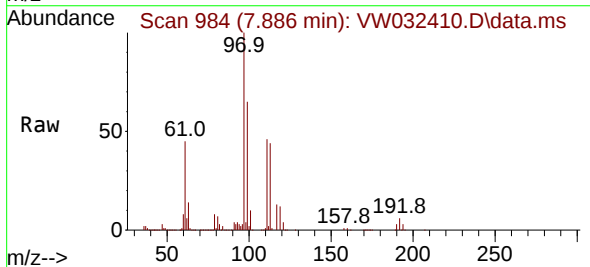
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

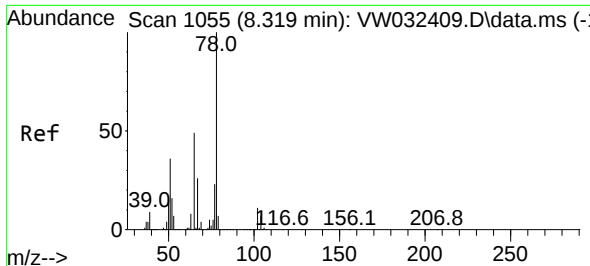
Tgt Ion: 56 Resp: 861642
Ion Ratio Lower Upper
56 100
69 31.8 26.5 39.7
84 85.0 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 101.298 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 97 Resp: 701923
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 44.9 35.5 53.3

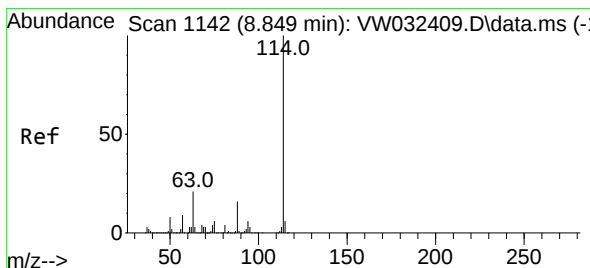
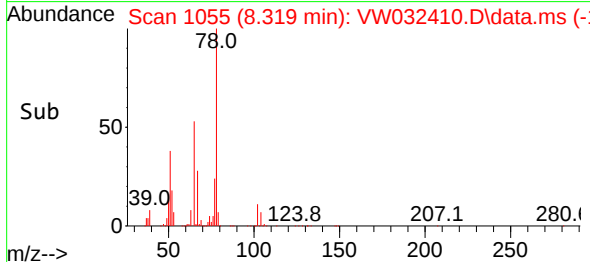
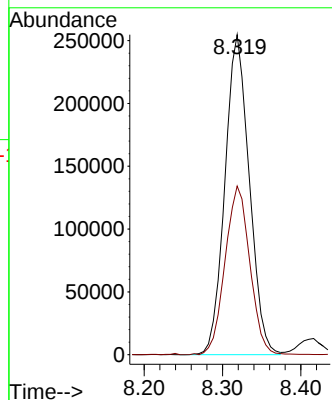
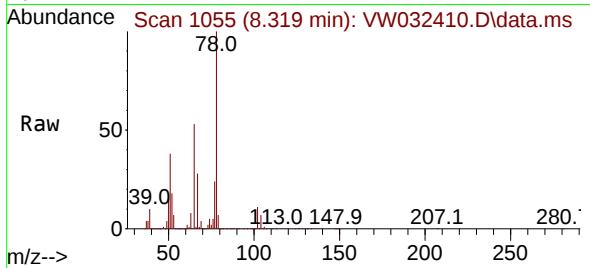




#33
 1,2-Dichloroethane-d4
 Concen: 99.309 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032410.D
 Acq: 10 Nov 2025 16:39

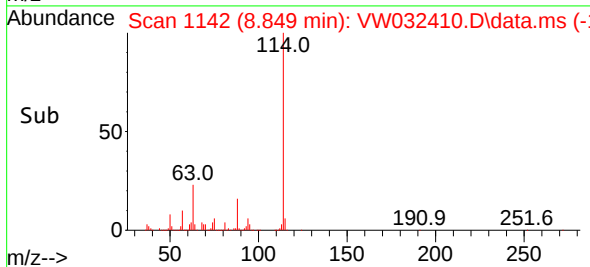
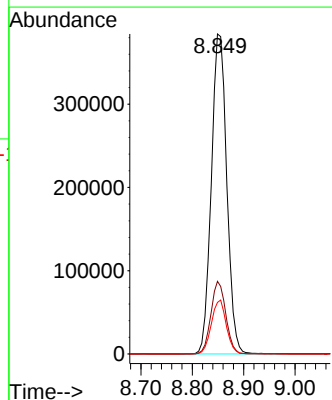
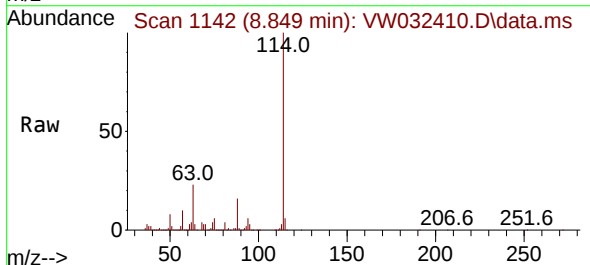
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

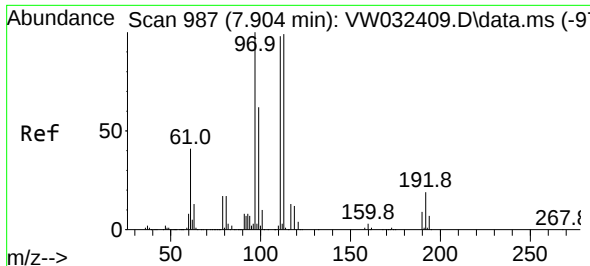
Tgt Ion: 65 Resp: 550189
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032410.D
 Acq: 10 Nov 2025 16:39

Tgt Ion: 114 Resp: 800384
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.8
 88 16.1 0.0 32.6

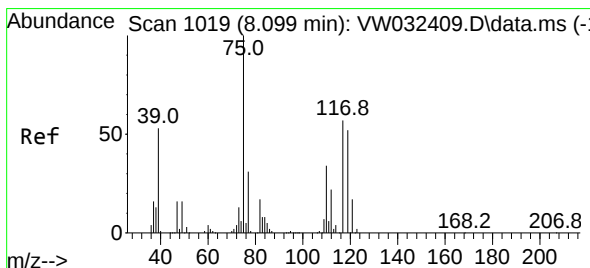
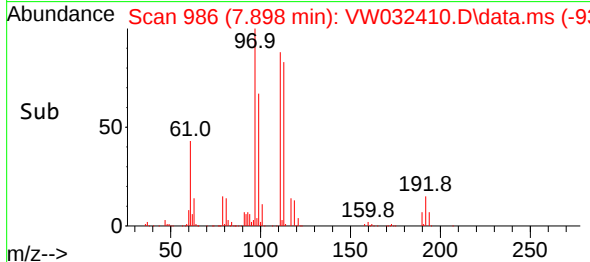
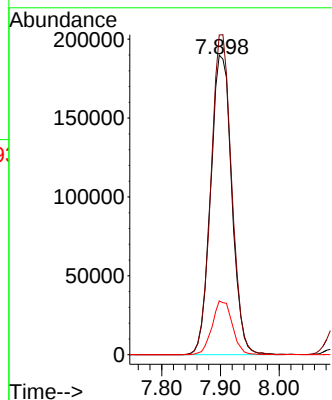
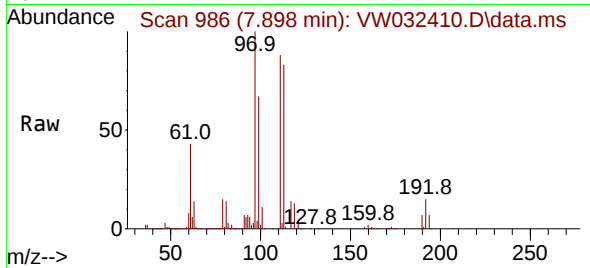




#35
Dibromofluoromethane
Concen: 99.108 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

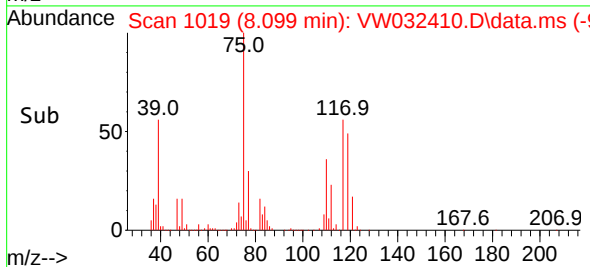
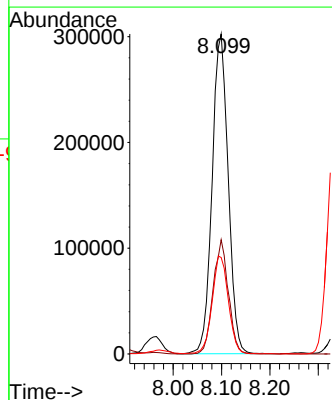
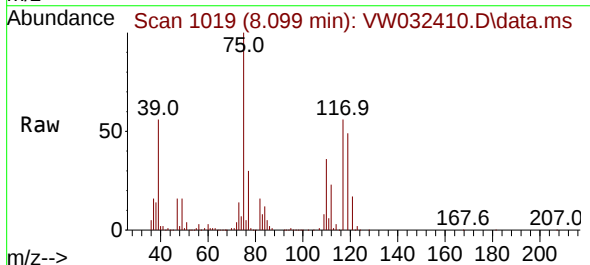
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

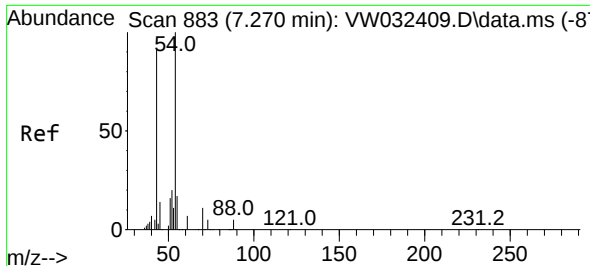
Tgt Ion:113 Resp: 474936
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.1 13.4 20.2



#36
1,1-Dichloropropene
Concen: 98.854 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 75 Resp: 697975
Ion Ratio Lower Upper
75 100
110 33.9 17.2 51.5
77 30.9 24.5 36.7



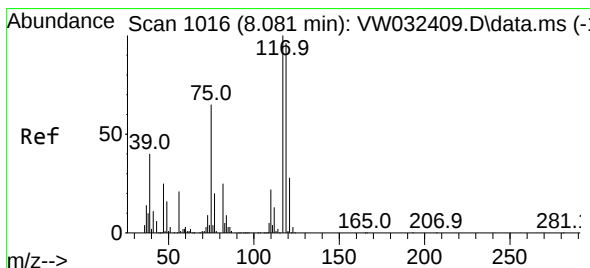
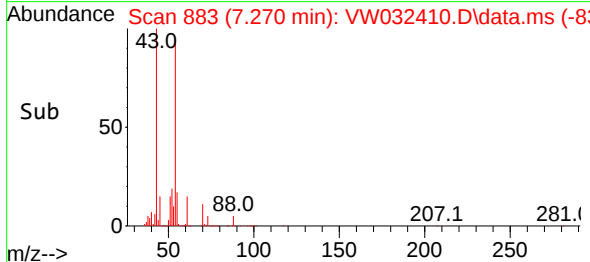
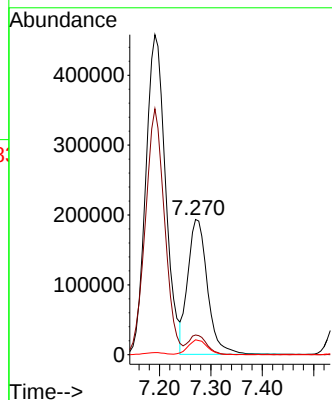
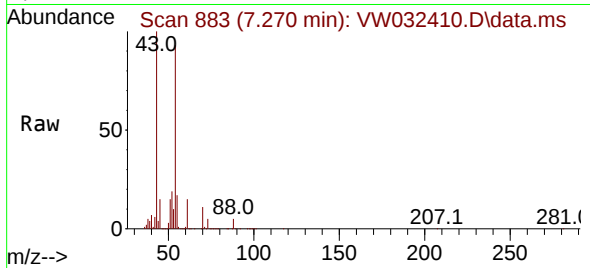


#37
Ethyl Acetate
Concen: 97.458 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 511684

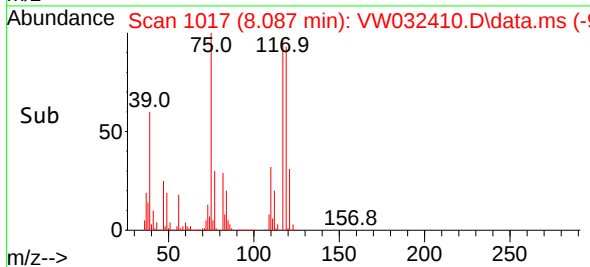
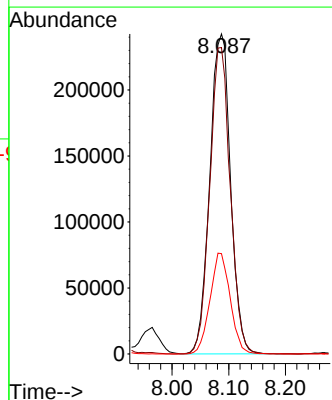
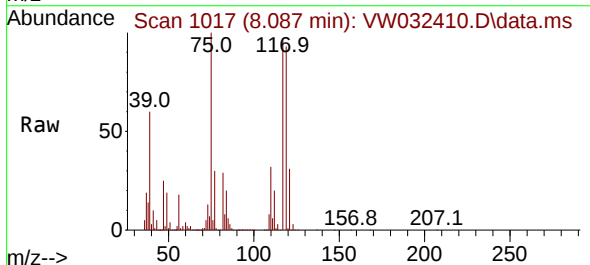
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.6
70	10.6	8.3	12.5

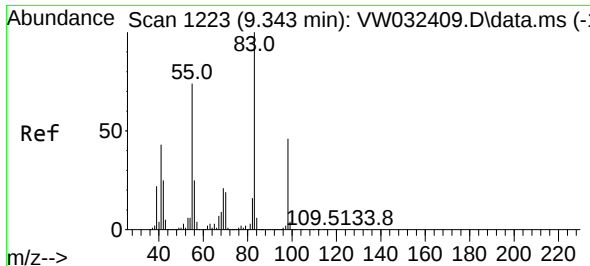


#38
Carbon Tetrachloride
Concen: 98.453 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 117 Resp: 617665

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
121	31.3	22.0	33.0

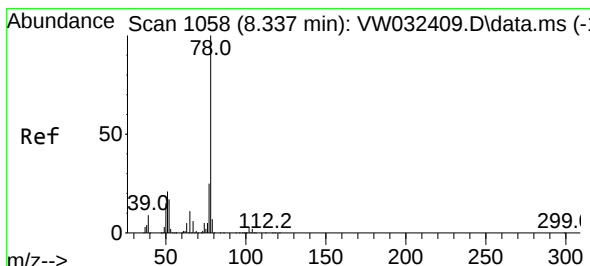
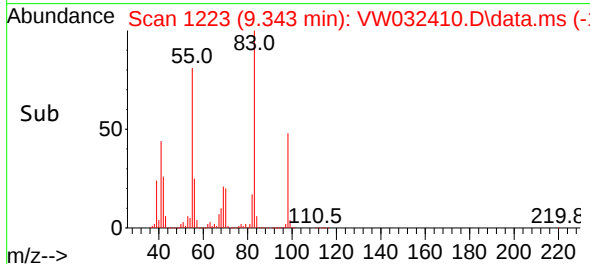
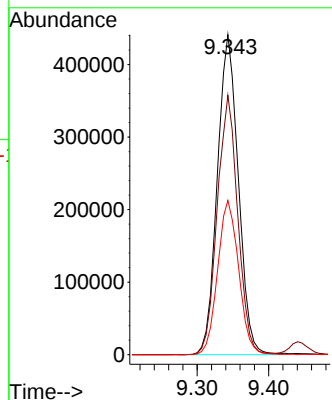
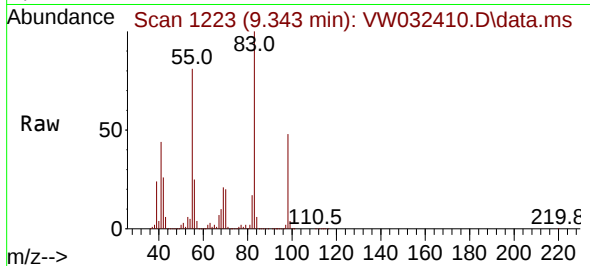




#39
Methylcyclohexane
Concen: 98.279 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

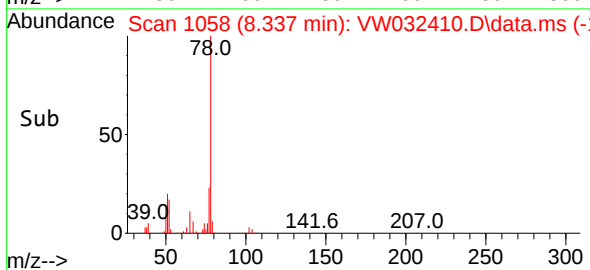
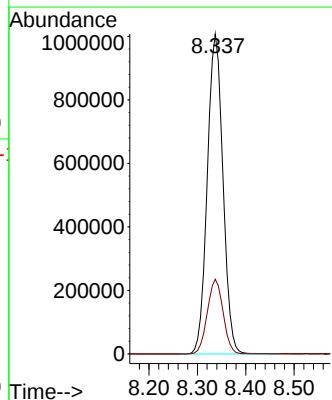
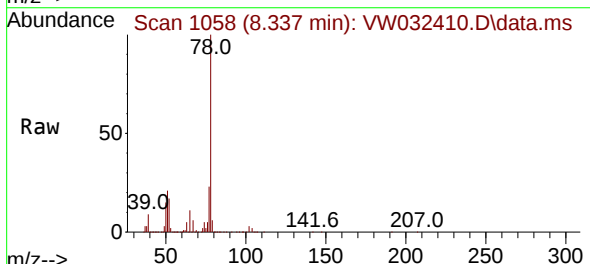
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

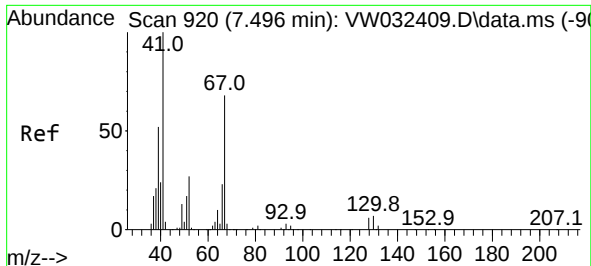
Tgt Ion: 83 Resp: 898941
Ion Ratio Lower Upper
83 100
55 81.0 59.2 88.8
98 48.2 36.6 54.8



#40
Benzene
Concen: 99.457 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 78 Resp: 2261437
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4



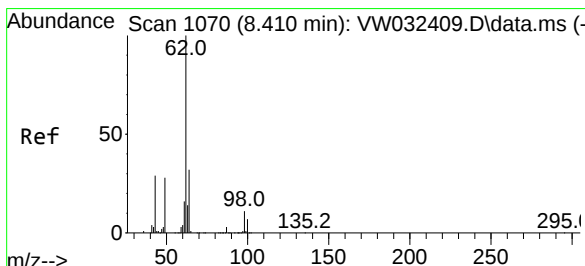
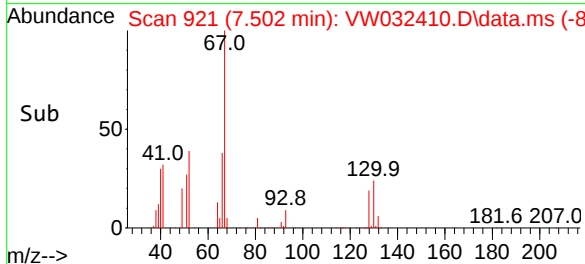
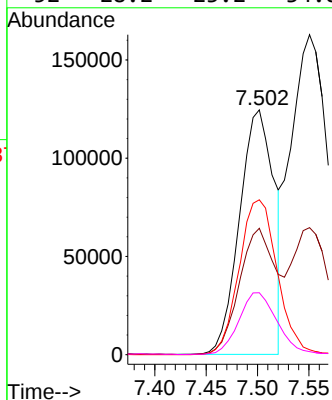
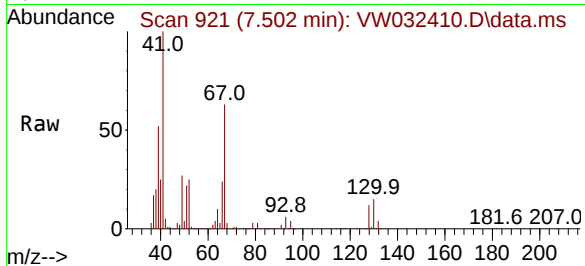


#41
Methacrylonitrile
Concen: 101.259 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 292045

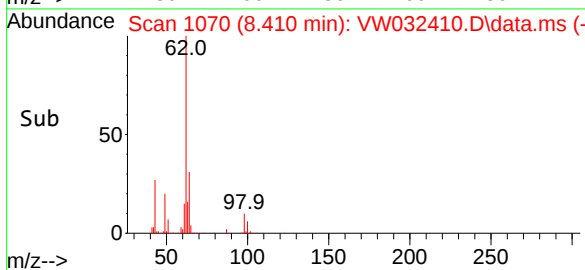
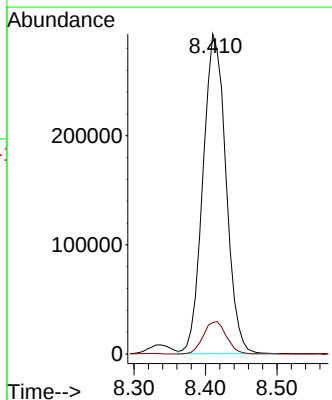
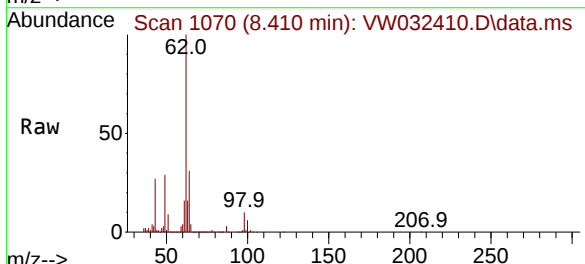
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.6	66.8
67	70.3	57.6	86.4
52	28.2	23.2	34.8

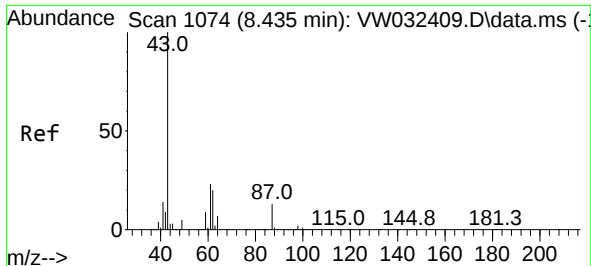


#42
1,2-Dichloroethane
Concen: 98.125 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 62 Resp: 655360

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

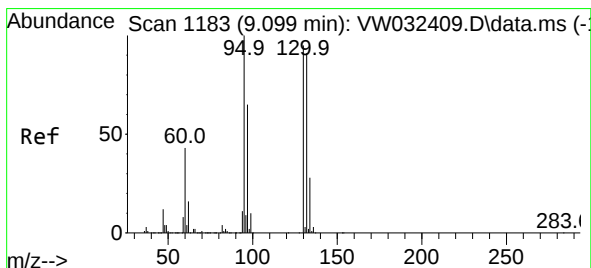
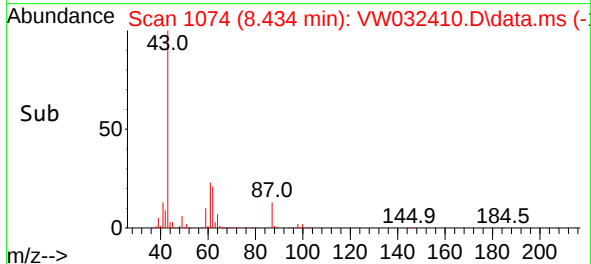
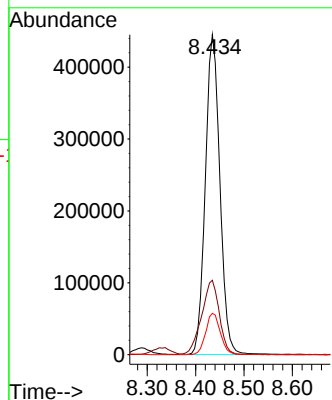
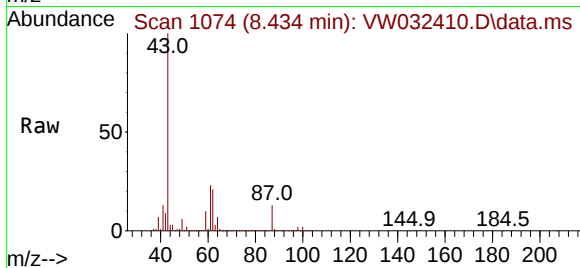




#43
Isopropyl Acetate
Concen: 99.979 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

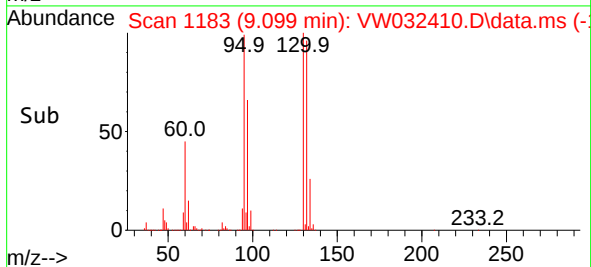
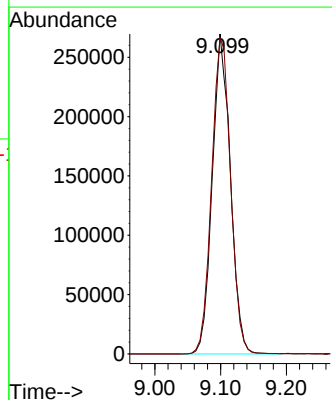
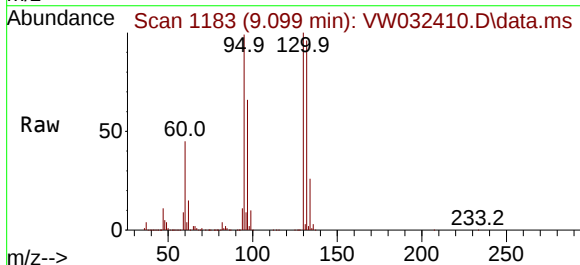
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

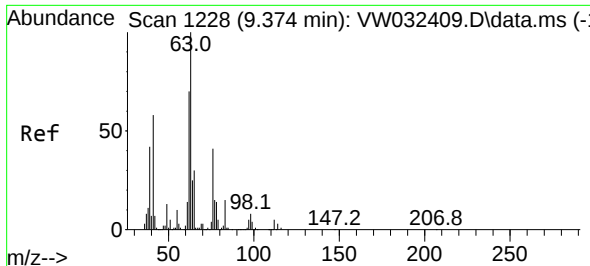
Tgt Ion: 43 Resp: 929467
Ion Ratio Lower Upper
43 100
61 28.2 22.6 33.8
87 13.1 10.6 15.8



#44
Trichloroethene
Concen: 97.647 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:130 Resp: 516649
Ion Ratio Lower Upper
130 100
95 98.8 0.0 209.6





#45

1,2-Dichloropropane

Concen: 99.027 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

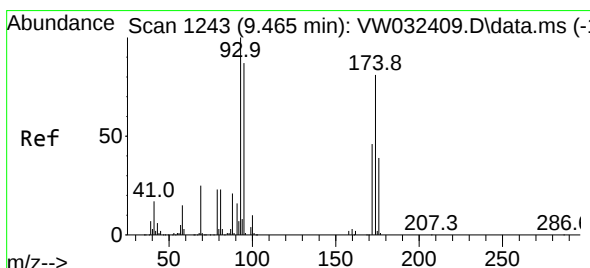
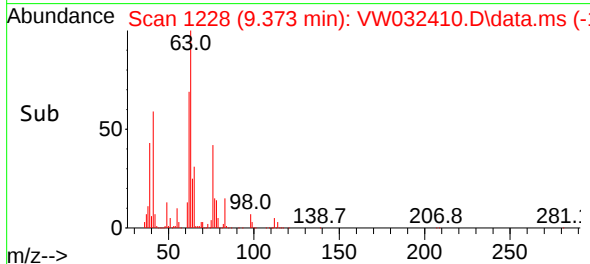
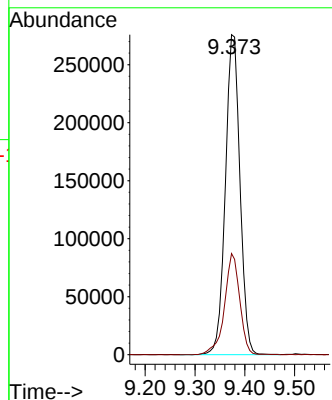
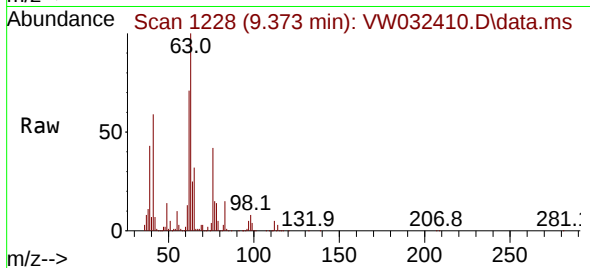
VSTDIC100

Tgt Ion: 63 Resp: 560668

Ion Ratio Lower Upper

63 100

65 31.6 24.4 36.6



#46

Dibromomethane

Concen: 97.615 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

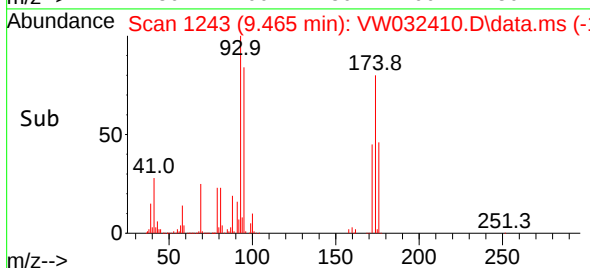
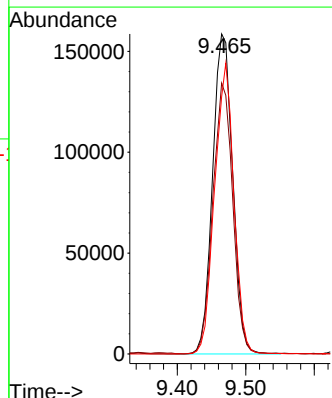
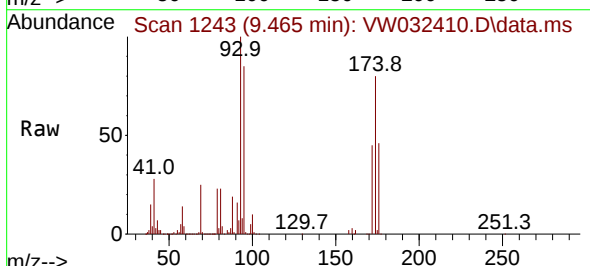
Tgt Ion: 93 Resp: 322963

Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 87.0 68.2 102.4

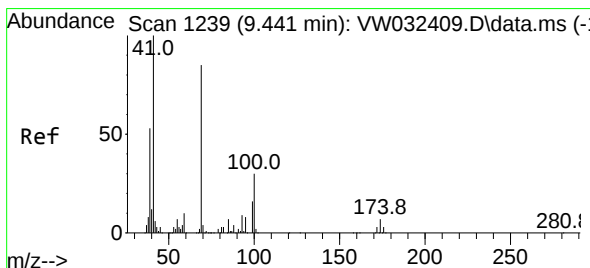
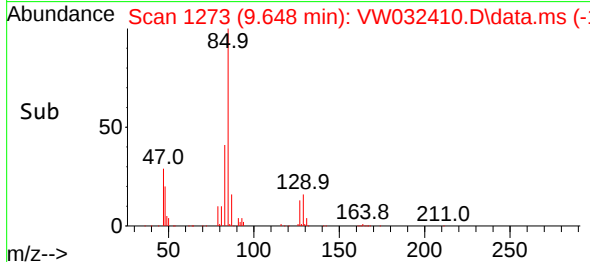
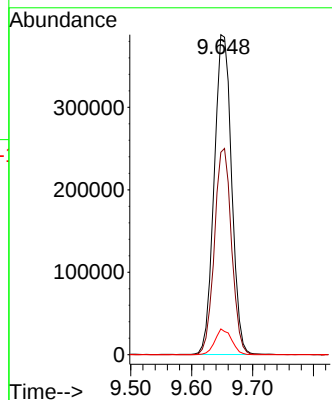
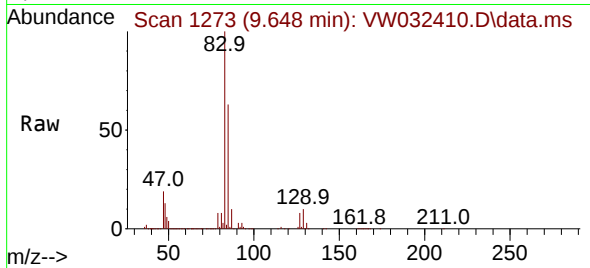




#47
Bromodichloromethane
Concen: 101.968 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

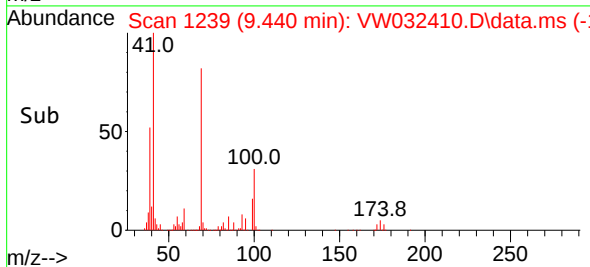
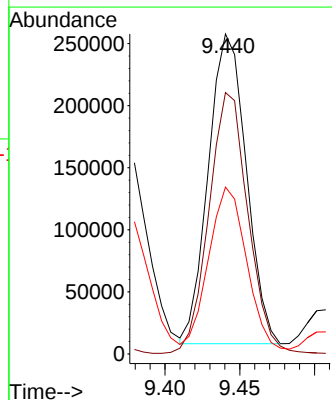
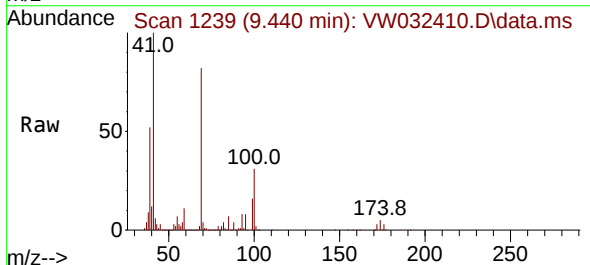
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

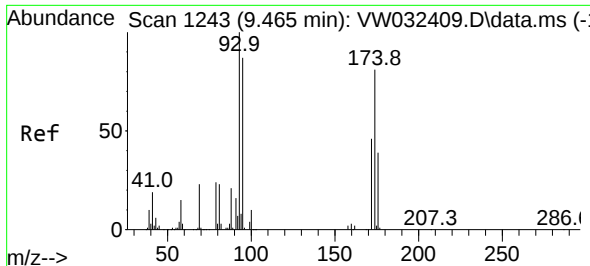
Tgt Ion: 83 Resp: 769561
Ion Ratio Lower Upper
83 100
85 63.3 48.7 73.1
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 99.494 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 41 Resp: 439533
Ion Ratio Lower Upper
41 100
69 87.5 65.8 98.6
39 51.8 38.6 57.8

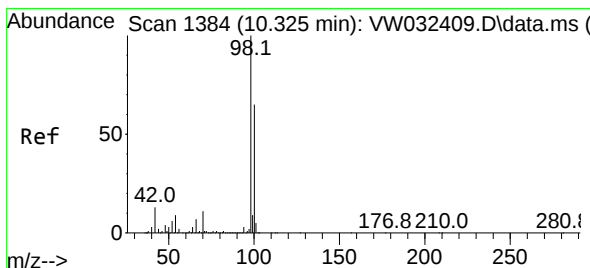
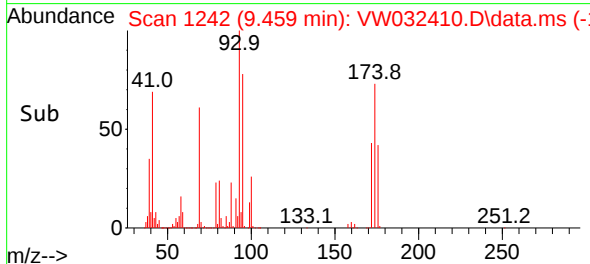
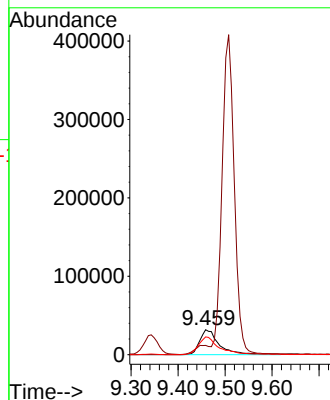
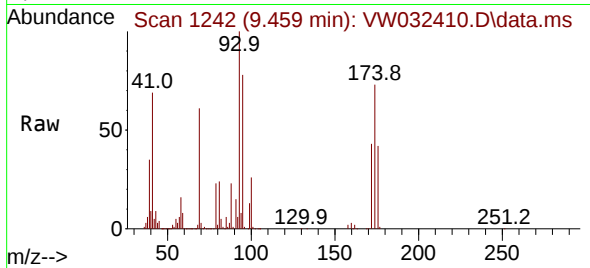




#49
1,4-Dioxane
Concen: 1987.934 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

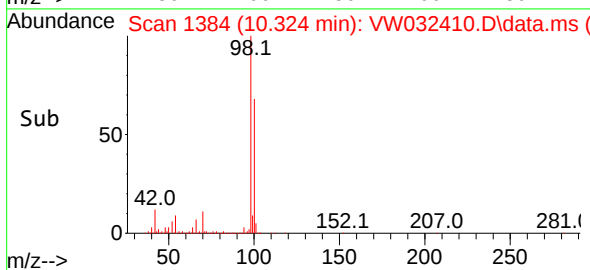
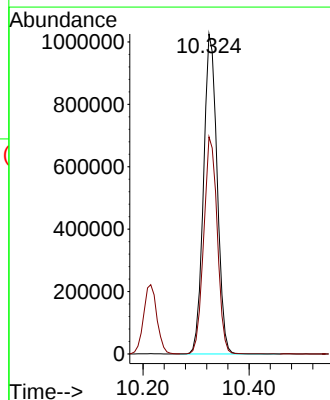
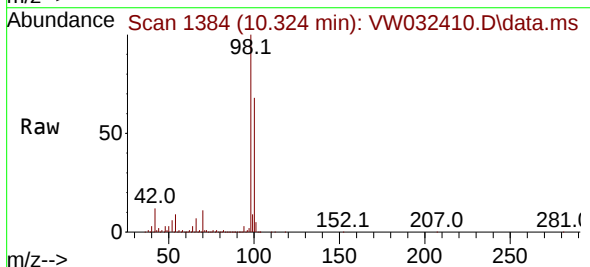
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

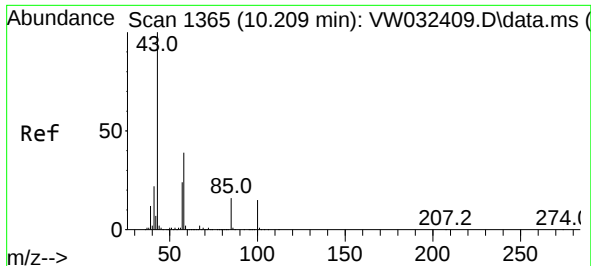
Tgt Ion: 88 Resp: 92138
Ion Ratio Lower Upper
88 100
43 25.6 0.0 0.0#
58 75.7 63.0 94.4



#50
Toluene-d8
Concen: 98.942 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 98 Resp: 1818950
Ion Ratio Lower Upper
98 100
100 67.7 53.3 79.9

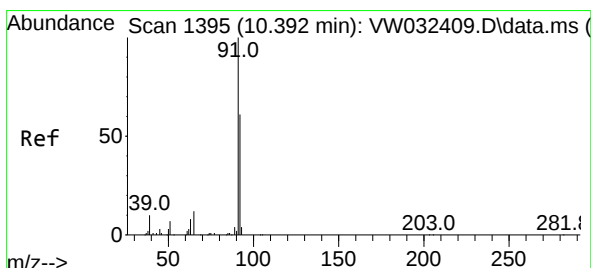
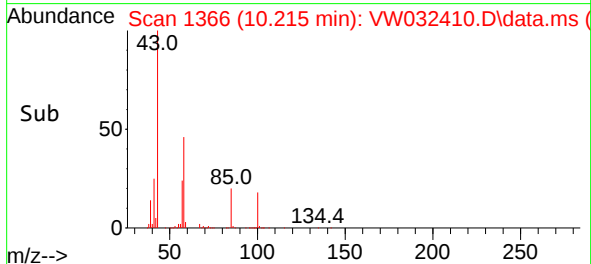
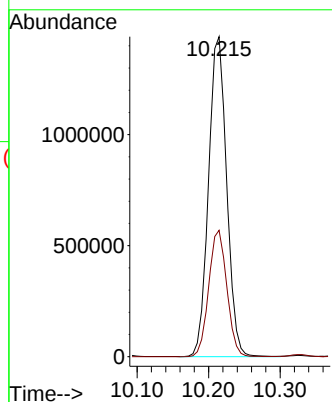
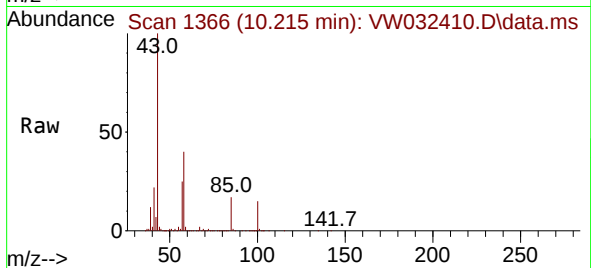




#51
4-Methyl-2-Pentanone
Concen: 493.417 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

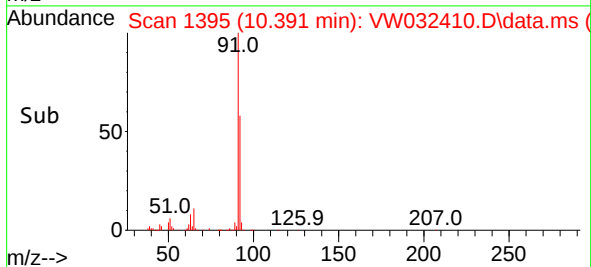
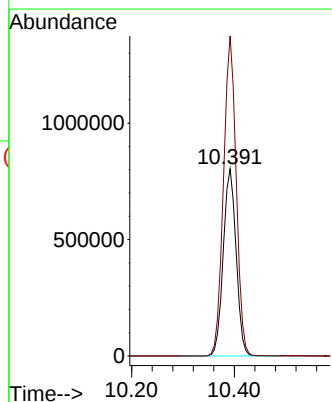
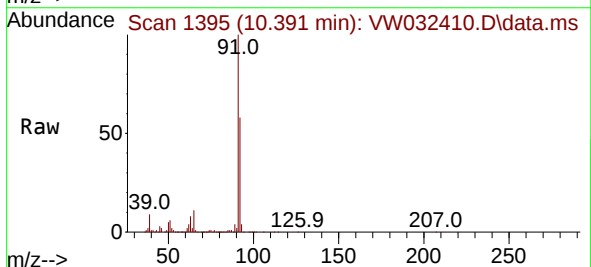
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

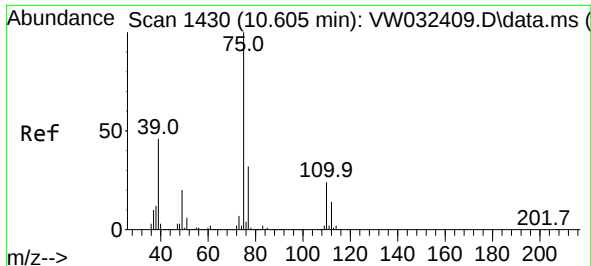
Tgt Ion: 43 Resp: 2535868
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.2



#52
Toluene
Concen: 99.188 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 92 Resp: 1393077
Ion Ratio Lower Upper
92 100
91 169.2 136.6 205.0

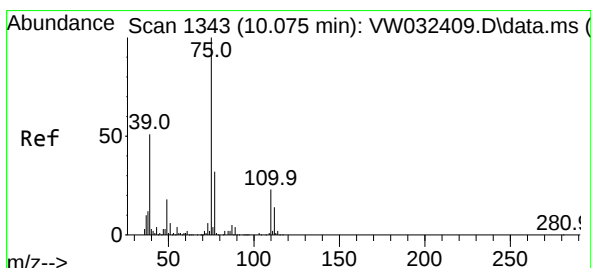
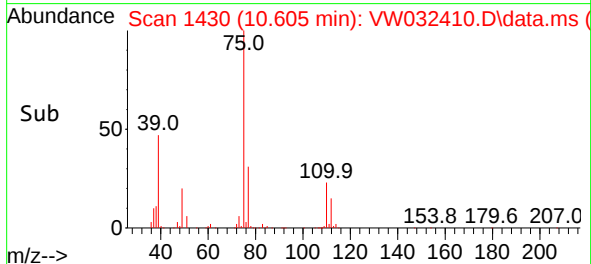
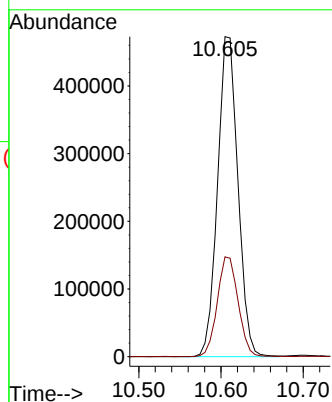
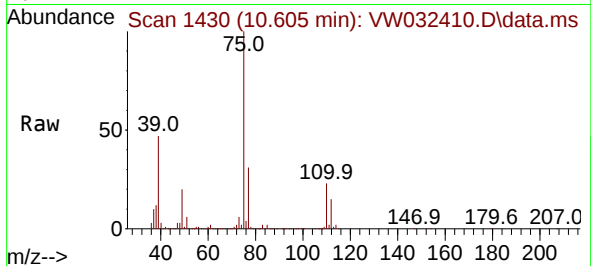




#53
t-1,3-Dichloropropene
Concen: 104.660 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

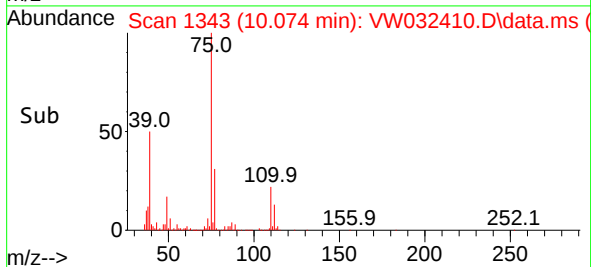
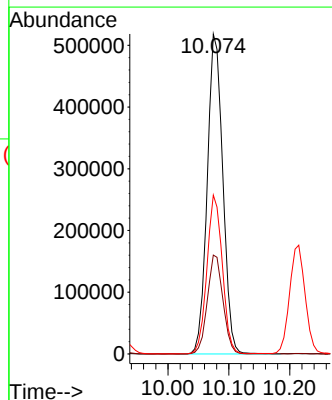
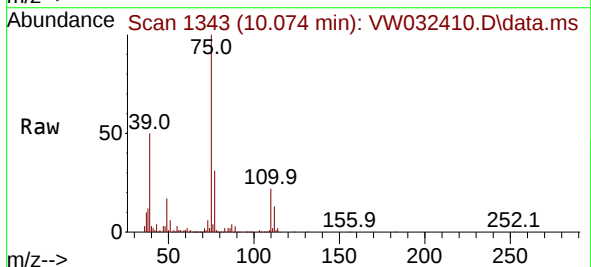
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

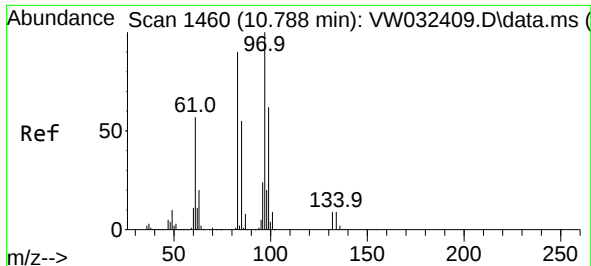
Tgt Ion: 75 Resp: 813483
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 102.501 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 75 Resp: 921332
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 49.6 40.7 61.1

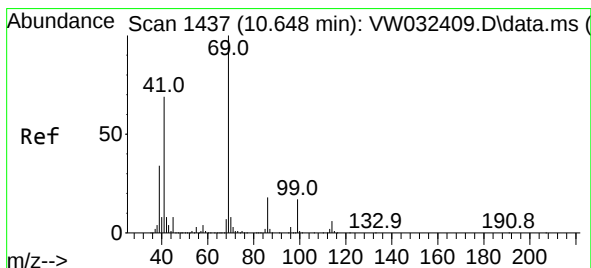
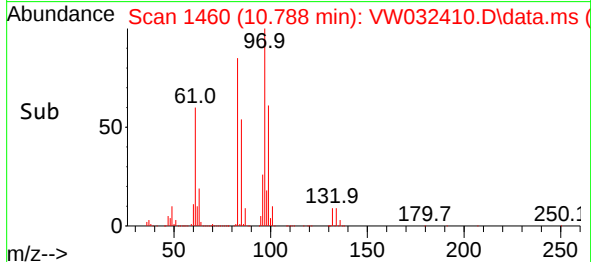
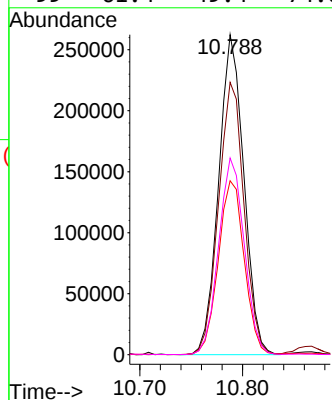
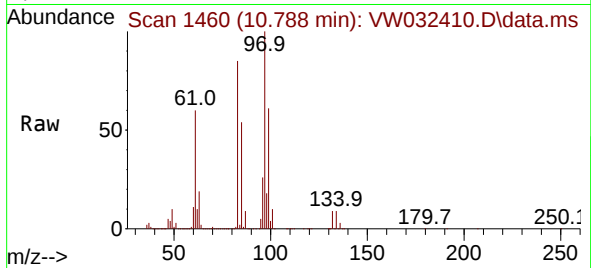




#55
1,1,2-Trichloroethane
Concen: 98.174 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

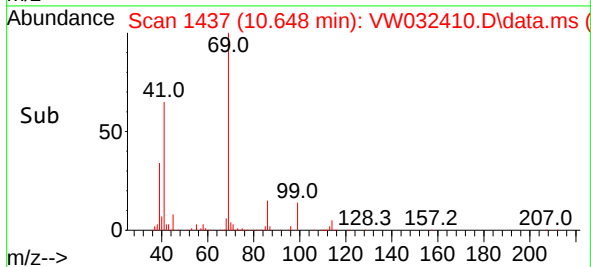
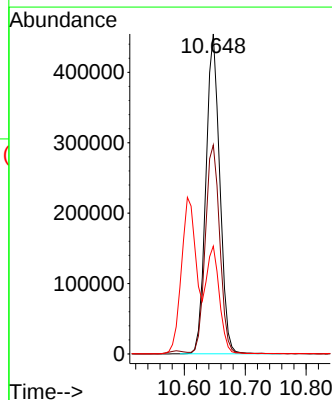
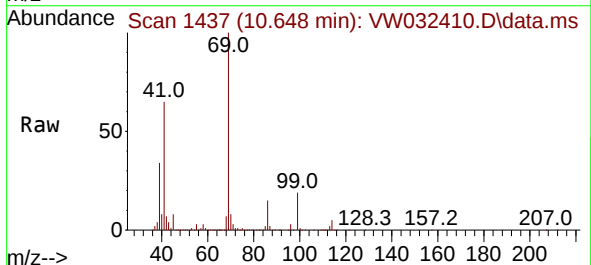
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	97	Resp:	445589
Ion	Ratio	Lower	Upper
97	100		
83	85.1	72.2	108.4
85	54.3	43.8	65.8
99	61.4	49.4	74.0



#56
Ethyl methacrylate
Concen: 103.118 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:	69	Resp:	718120
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.4	81.6
39	31.4	25.4	38.0





#57

1,3-Dichloropropane

Concen: 98.169 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

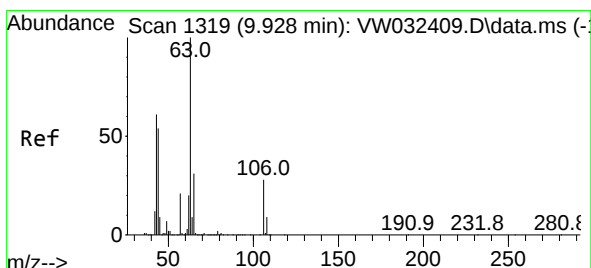
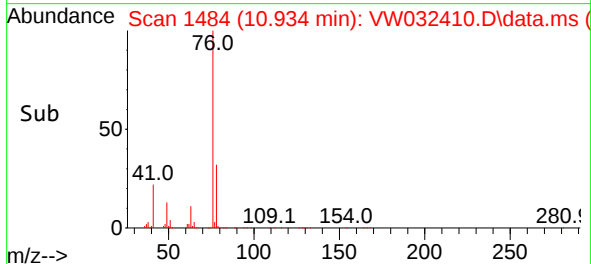
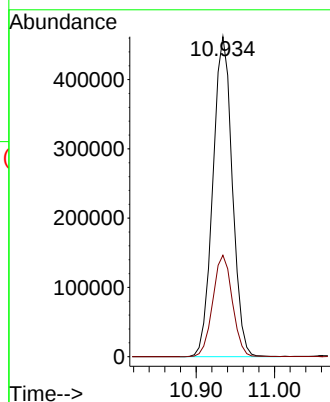
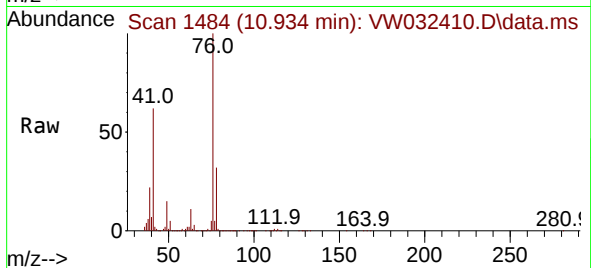
VSTDIC100

Tgt Ion: 76 Resp: 795798

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 514.445 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032410.D

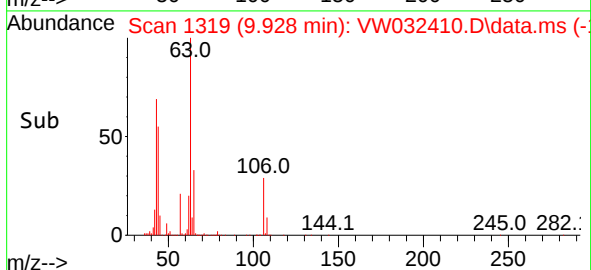
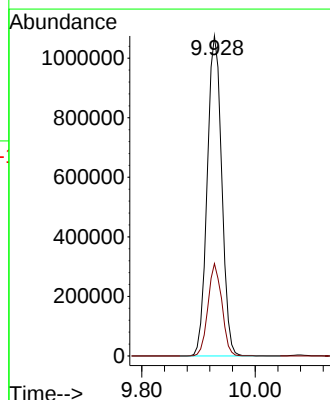
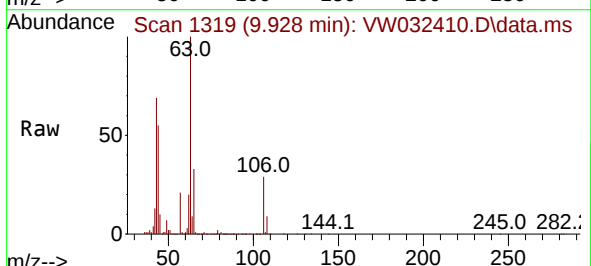
Acq: 10 Nov 2025 16:39

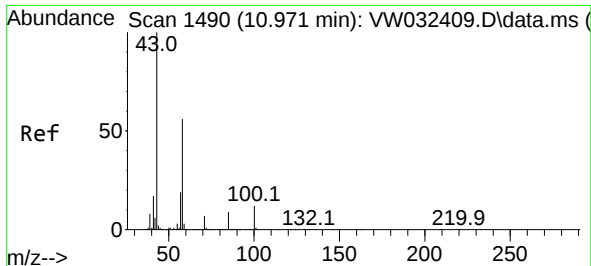
Tgt Ion: 63 Resp: 1907914

Ion Ratio Lower Upper

63 100

106 27.5 22.0 33.0

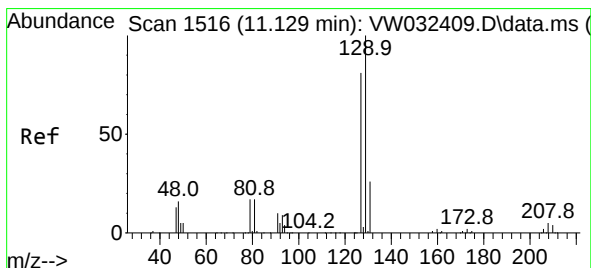
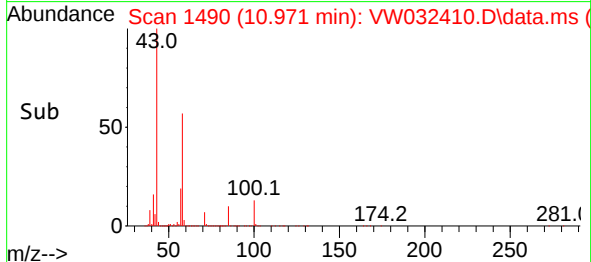
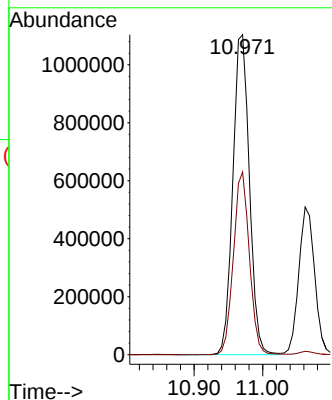
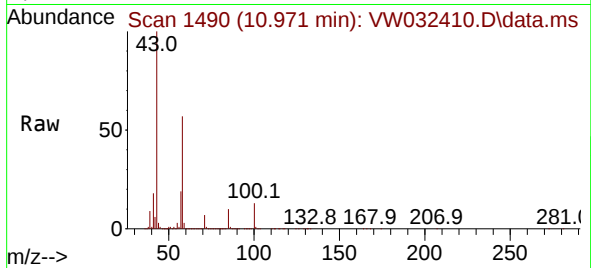




#59
2-Hexanone
Concen: 491.662 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

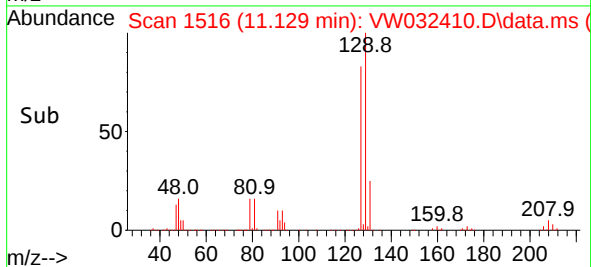
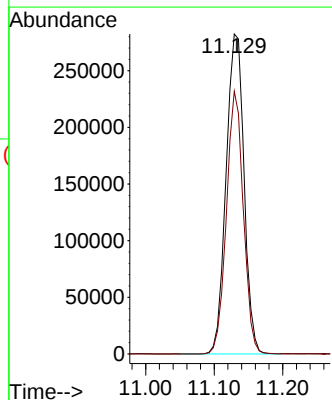
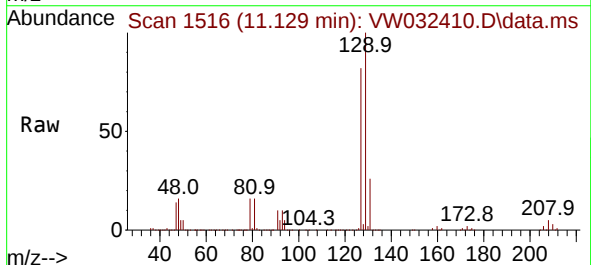
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

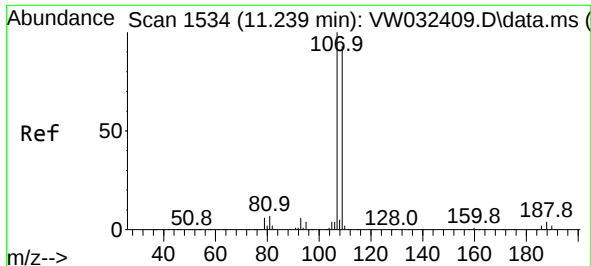
Tgt Ion: 43 Resp: 1848731
Ion Ratio Lower Upper
43 100
58 55.2 27.4 82.2



#60
Dibromochloromethane
Concen: 101.174 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:129 Resp: 512808
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

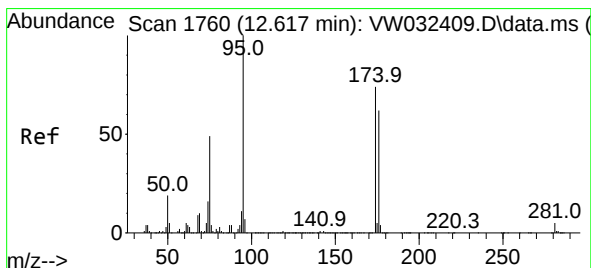
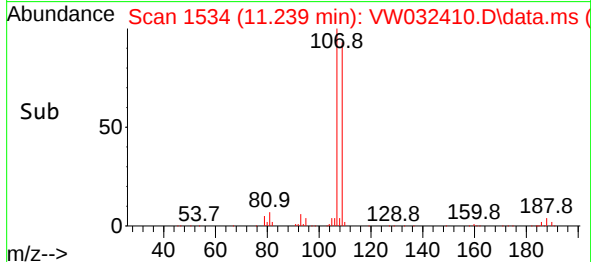
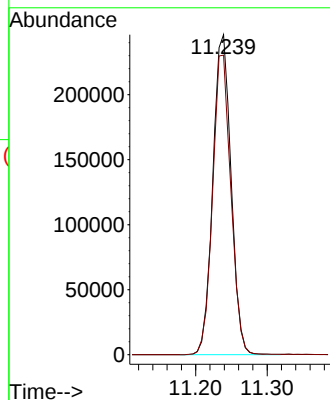
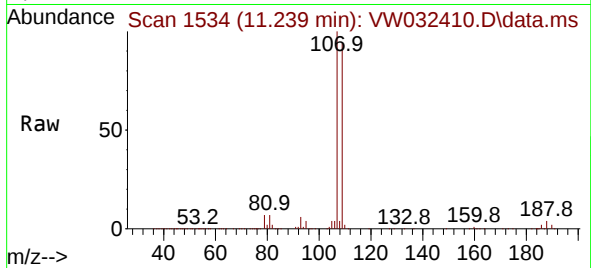




#61
1,2-Dibromoethane
Concen: 98.325 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

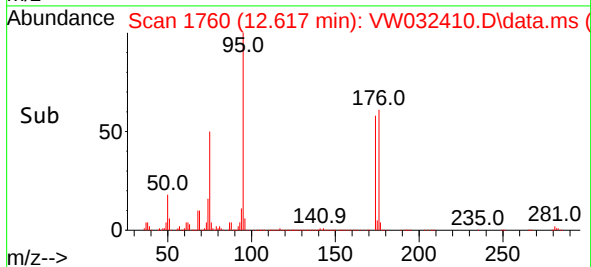
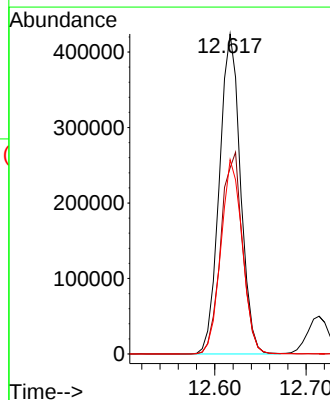
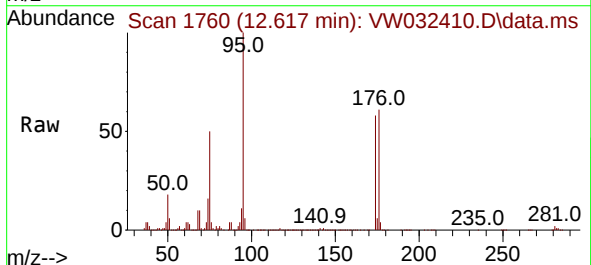
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

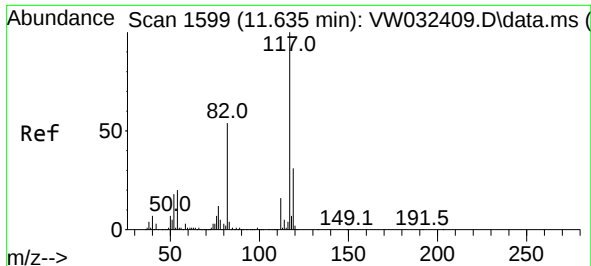
Tgt Ion:107 Resp: 434659
Ion Ratio Lower Upper
107 100
109 94.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 98.113 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 95 Resp: 681369
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.4
176 61.8 0.0 131.8

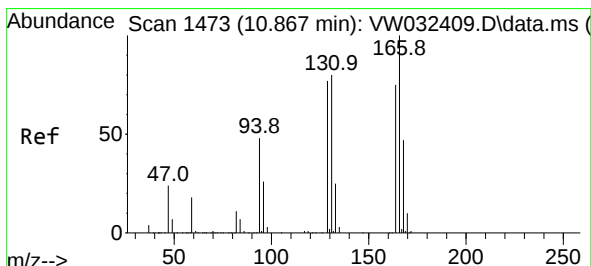
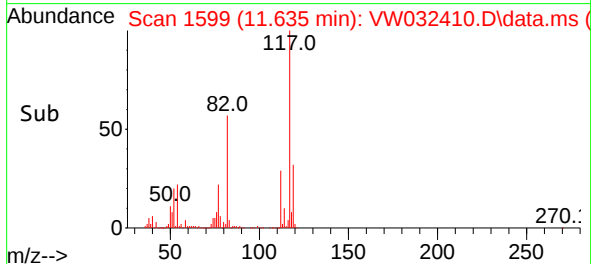
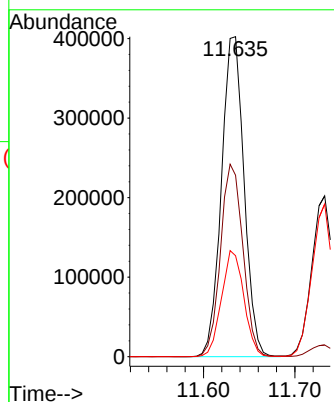
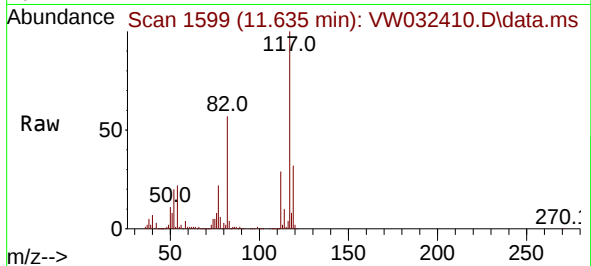




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

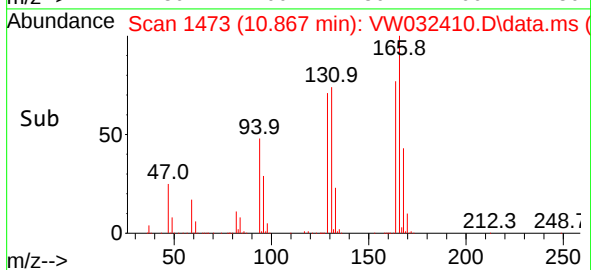
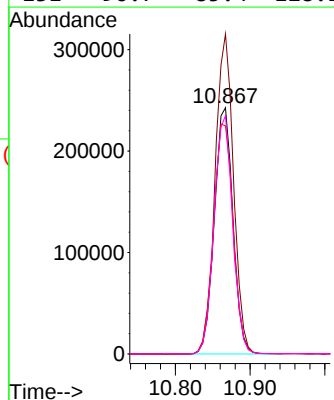
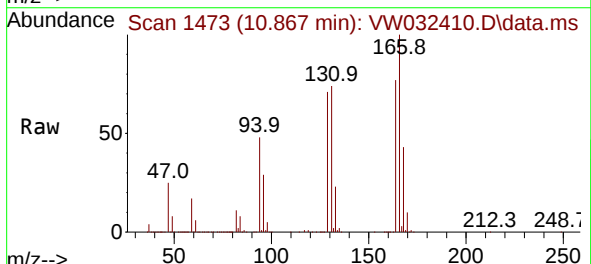
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 693653
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.6 25.0 37.6



#64
Tetrachloroethene
Concen: 102.178 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:164 Resp: 419713
Ion Ratio Lower Upper
164 100
166 129.9 107.0 160.4
129 92.6 82.9 124.3
131 96.7 85.4 128.2





#65

Chlorobenzene

Concen: 101.377 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

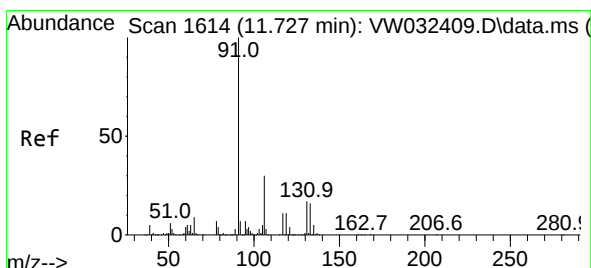
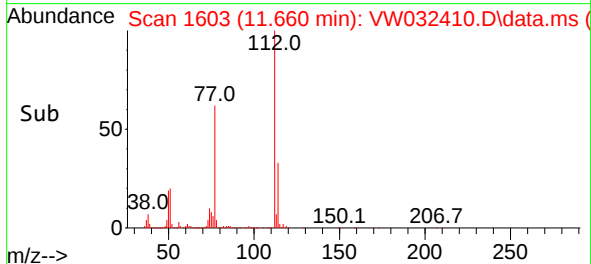
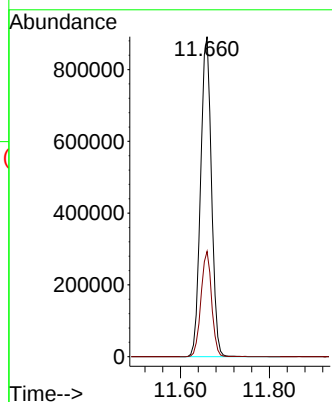
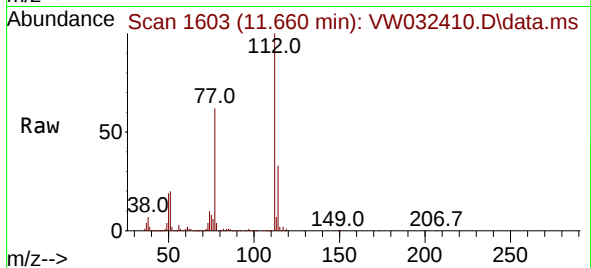
VSTDICC100

Tgt Ion:112 Resp: 1515655

Ion Ratio Lower Upper

112 100

114 32.9 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 103.634 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

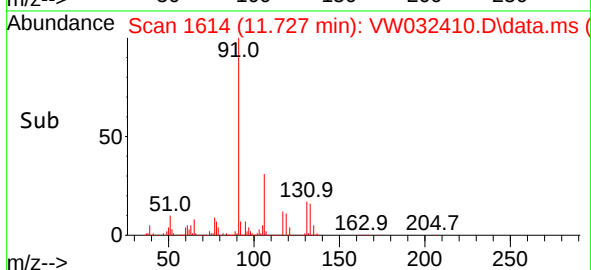
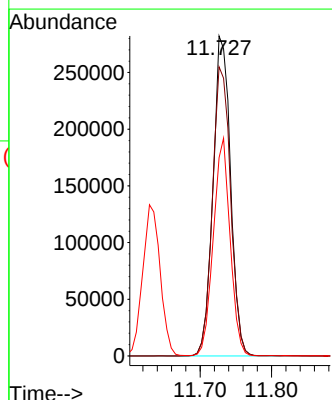
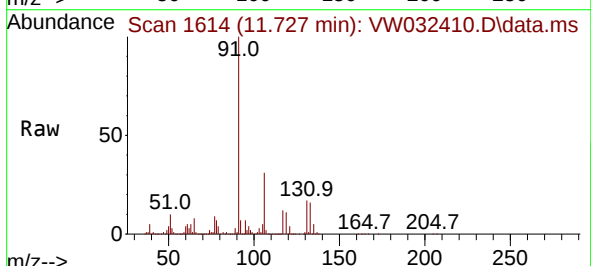
Tgt Ion:131 Resp: 479510

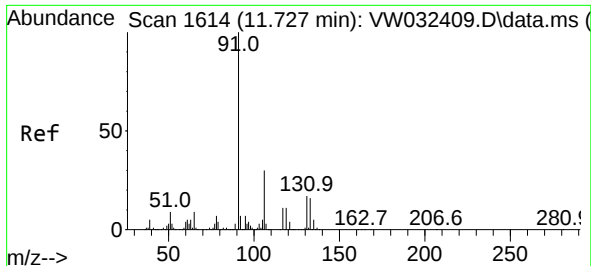
Ion Ratio Lower Upper

131 100

133 93.8 46.9 140.6

119 65.2 33.4 100.2

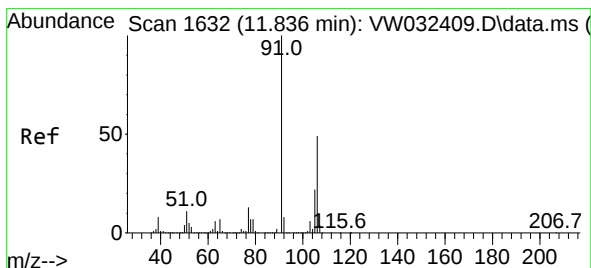
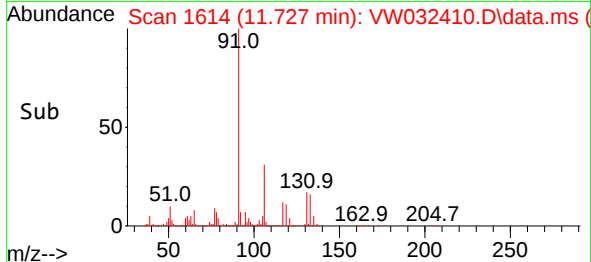
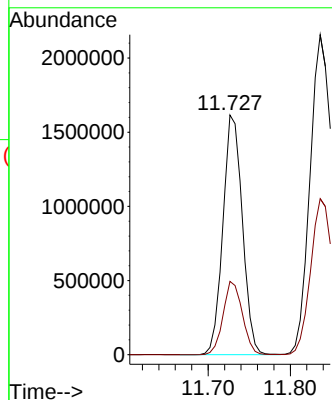
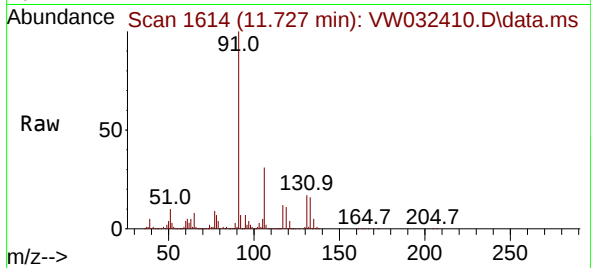




#67
Ethyl Benzene
Concen: 102.700 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

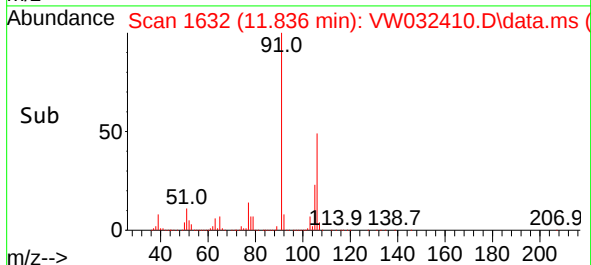
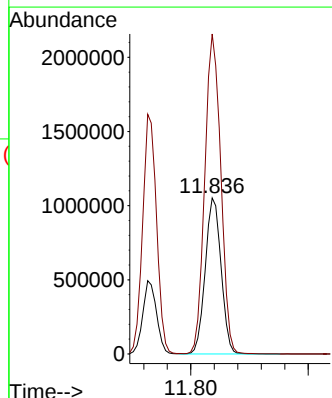
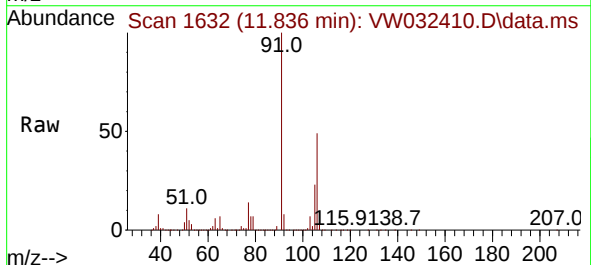
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

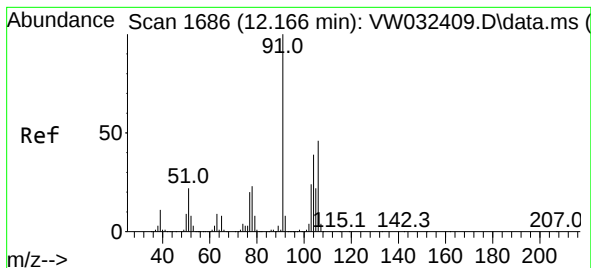
Tgt Ion: 91 Resp: 2656753
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2



#68
m/p-Xylenes
Concen: 202.156 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:106 Resp: 1963495
Ion Ratio Lower Upper
106 100
91 208.0 165.5 248.3

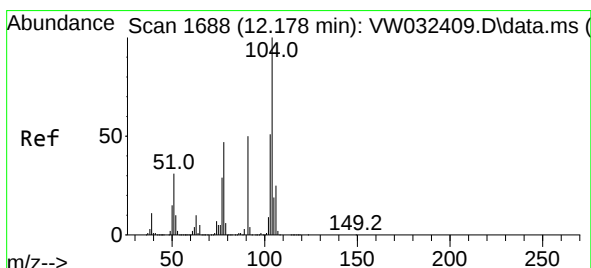
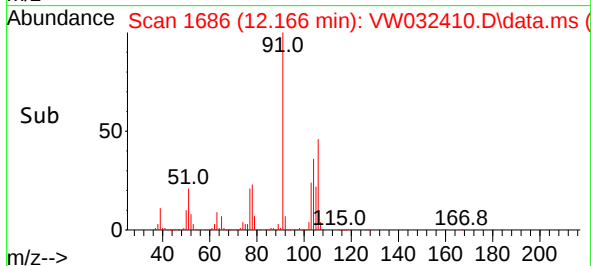
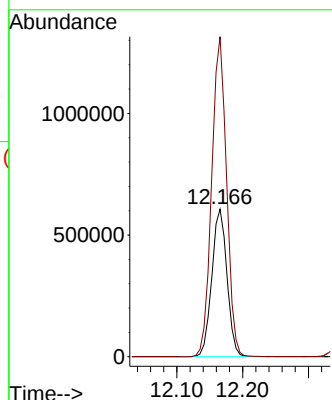
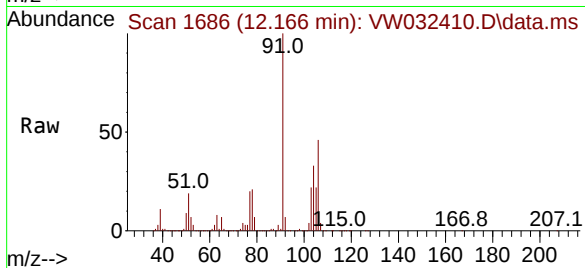




#69
o-Xylene
Concen: 104.258 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

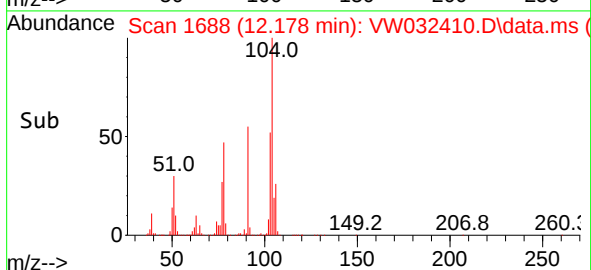
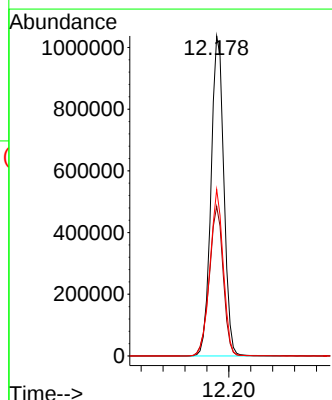
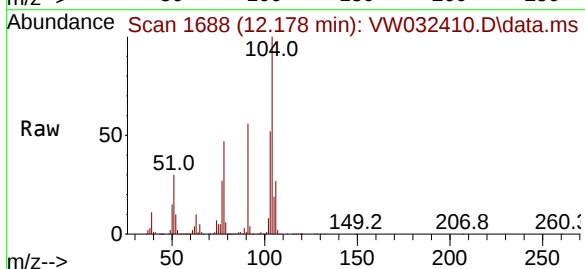
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

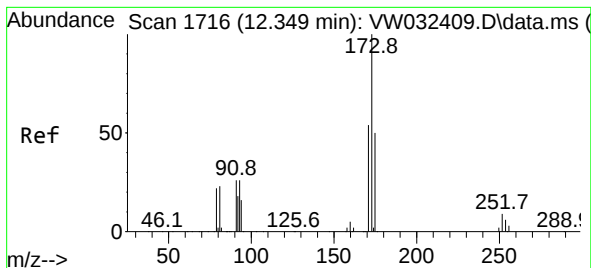
Tgt Ion:106 Resp: 969597
Ion Ratio Lower Upper
106 100
91 213.8 109.3 327.8



#70
Styrene
Concen: 105.135 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:104 Resp: 1681973
Ion Ratio Lower Upper
104 100
78 50.3 40.7 61.1
103 54.0 43.9 65.9

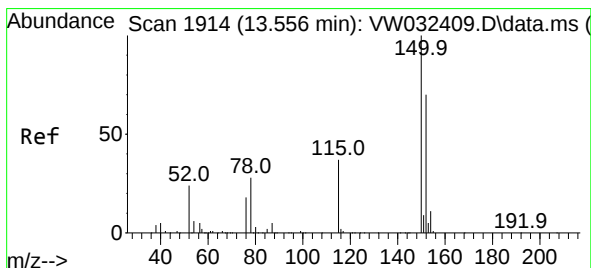
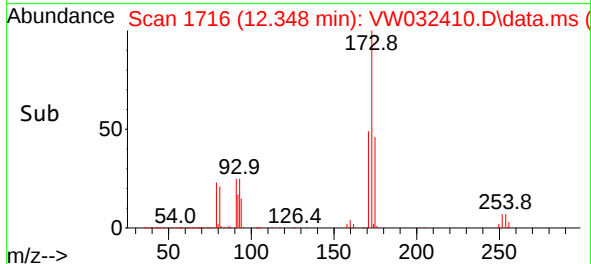
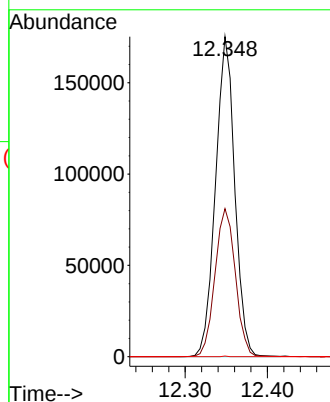
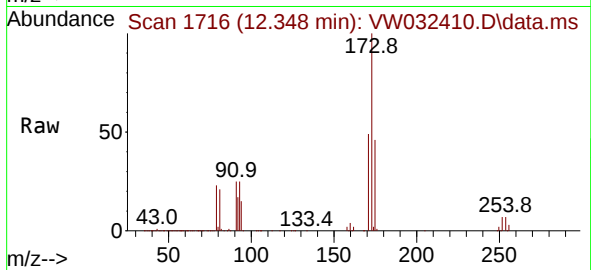




#71
Bromoform
Concen: 103.980 ug/l
RT: 12.348 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

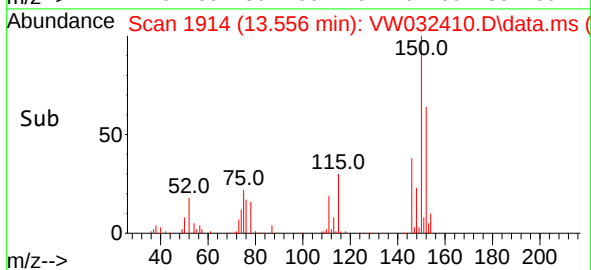
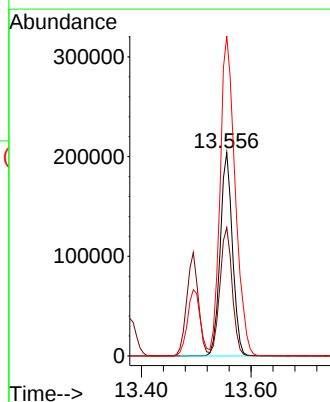
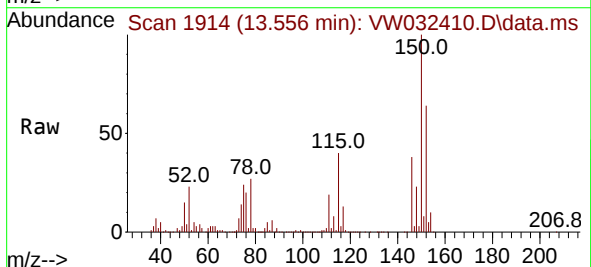
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

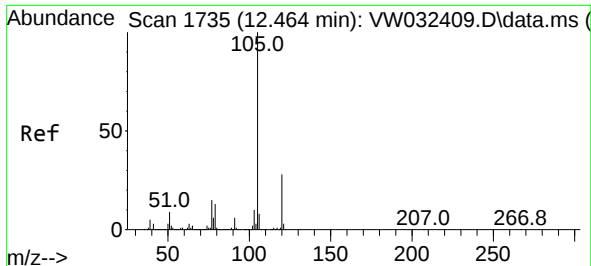
Tgt Ion:173 Resp: 284967
Ion Ratio Lower Upper
173 100
175 49.0 25.1 75.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:152 Resp: 316801
Ion Ratio Lower Upper
152 100
115 62.9 32.8 98.3
150 192.6 0.0 356.6

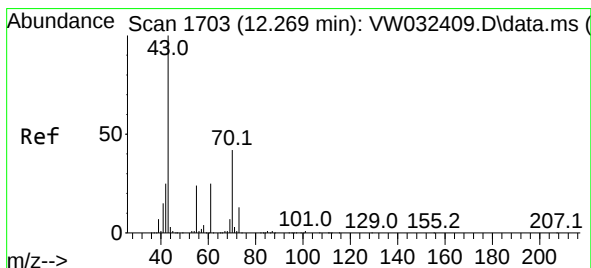
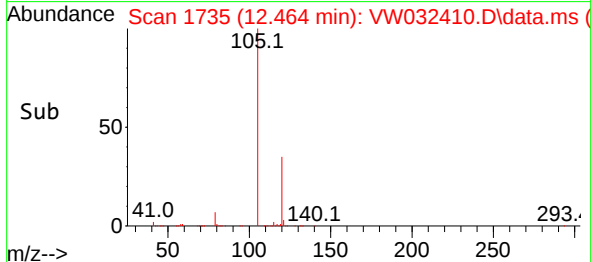
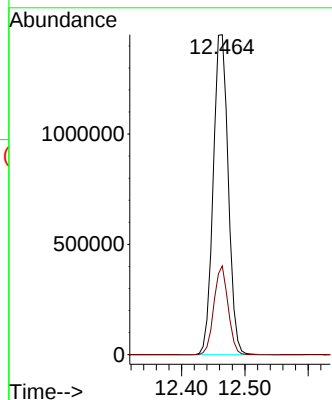
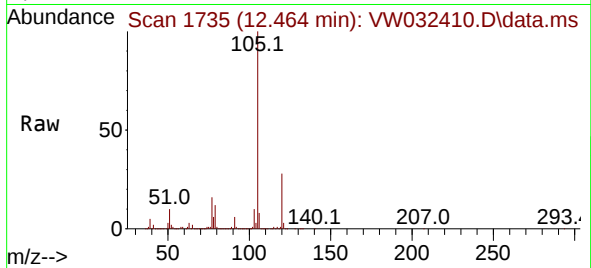




#73
Isopropylbenzene
Concen: 102.968 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

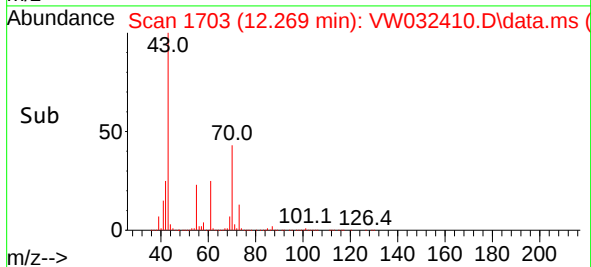
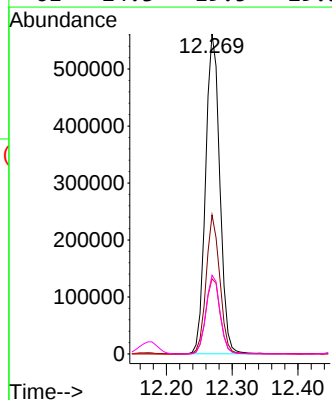
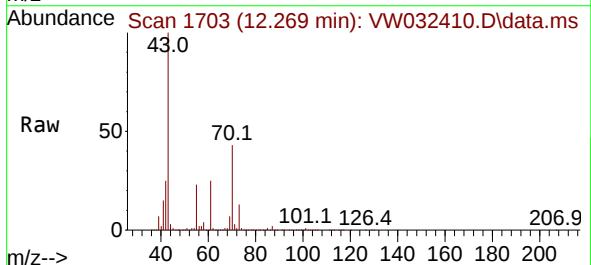
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

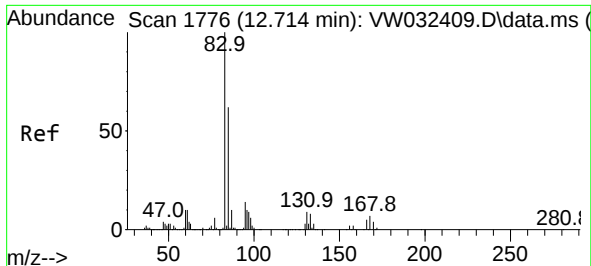
Tgt Ion:105 Resp: 2395772
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5



#74
N-ethyl acetate
Concen: 104.515 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 43 Resp: 845015
Ion Ratio Lower Upper
43 100
70 41.6 33.5 50.3
55 23.9 19.3 28.9
61 24.3 19.5 29.3

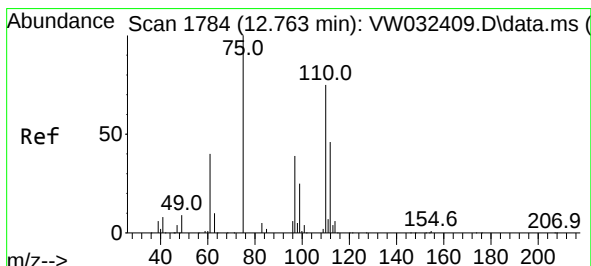
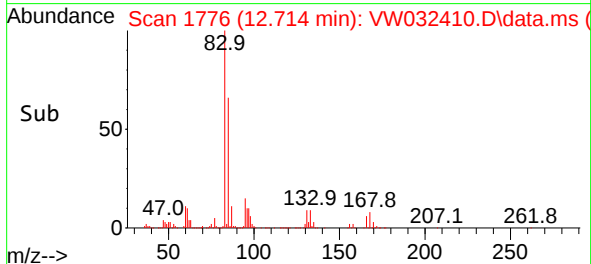
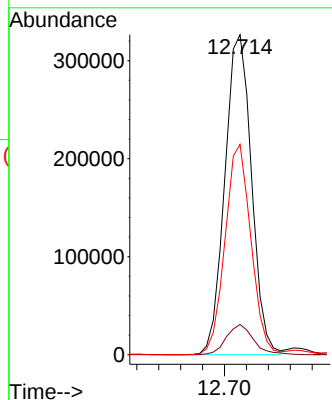
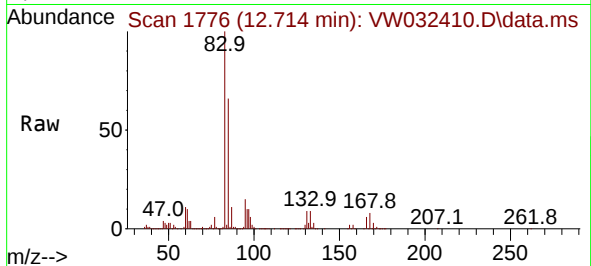




#75
1,1,2,2-Tetrachloroethane
Concen: 99.938 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

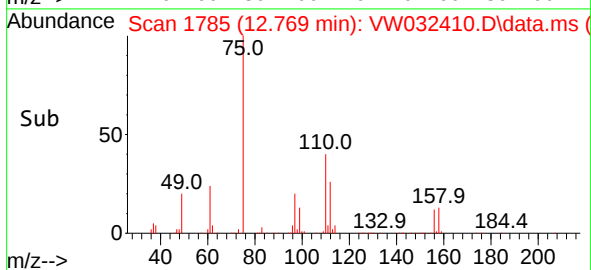
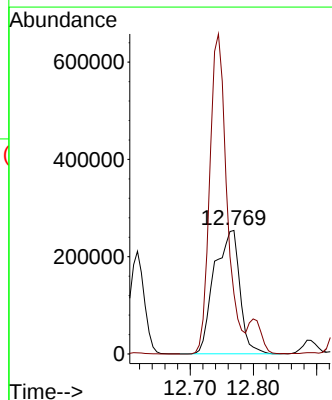
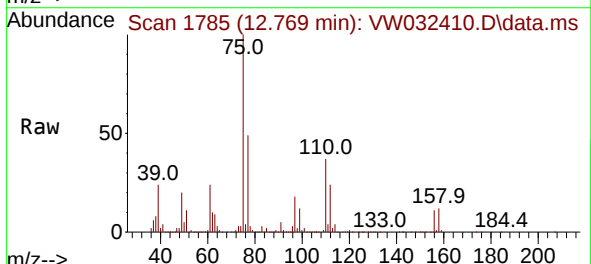
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

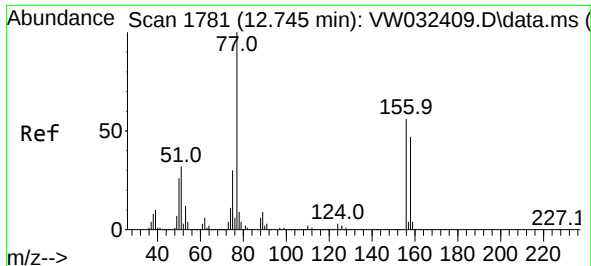
Tgt Ion: 83 Resp: 551839
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.9 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 163.220 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 75 Resp: 709106
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#

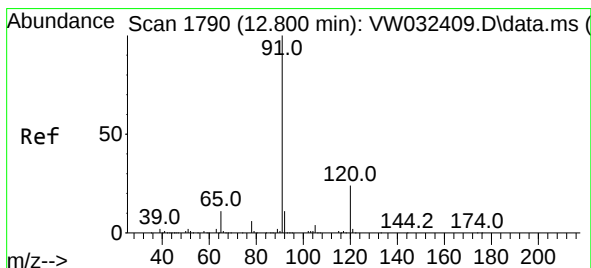
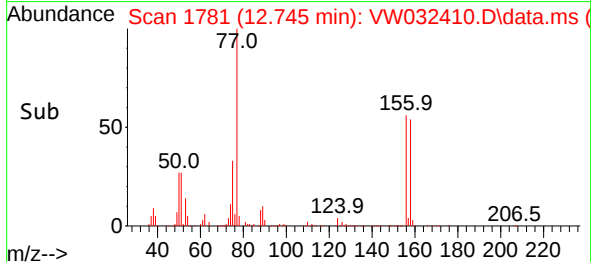
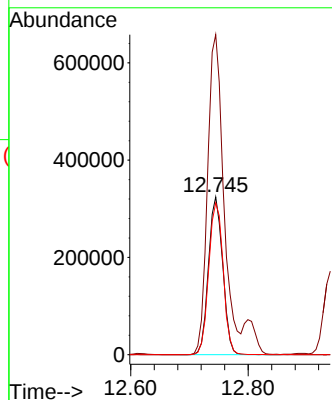
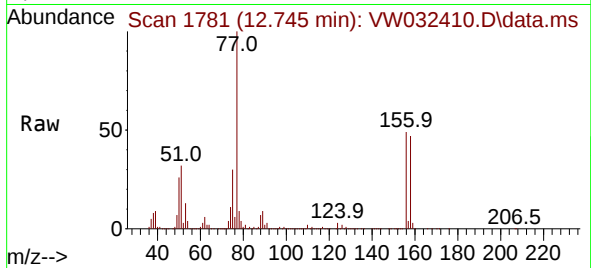




#77
Bromobenzene
Concen: 99.206 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

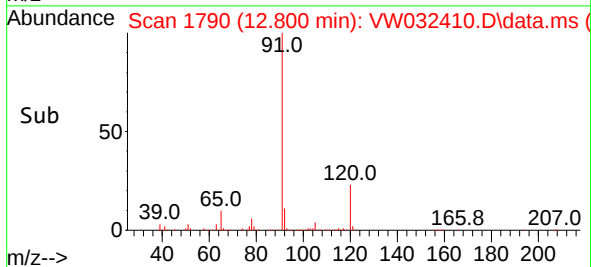
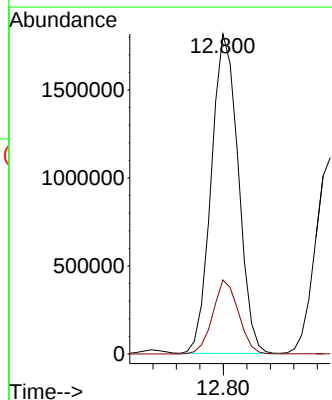
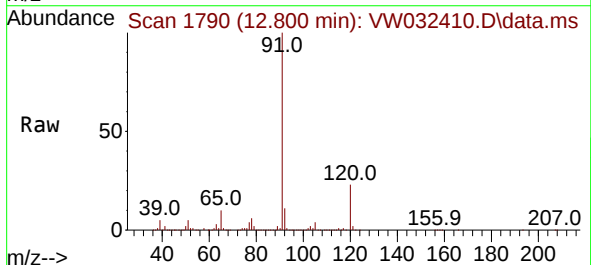
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

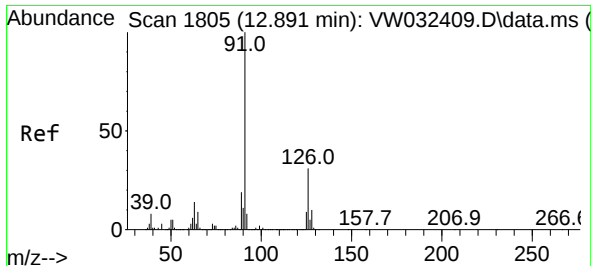
Tgt Ion:156 Resp: 546510
Ion Ratio Lower Upper
156 100
77 228.3 108.0 324.0
158 97.7 45.1 135.5



#78
n-propylbenzene
Concen: 102.070 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 91 Resp: 2892121
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 102.163 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

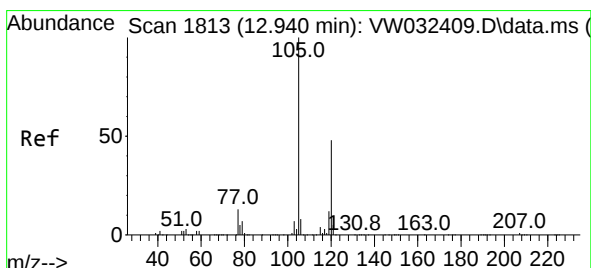
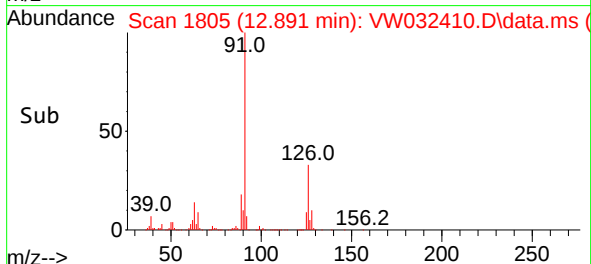
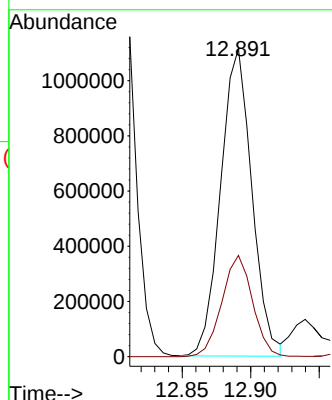
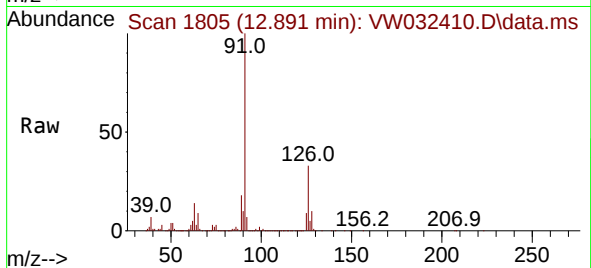
VSTDIC100

Tgt Ion: 91 Resp: 1767116

Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 101.850 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032410.D

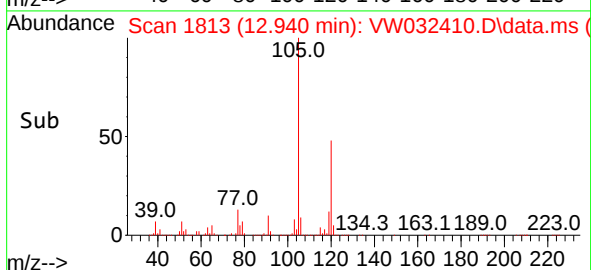
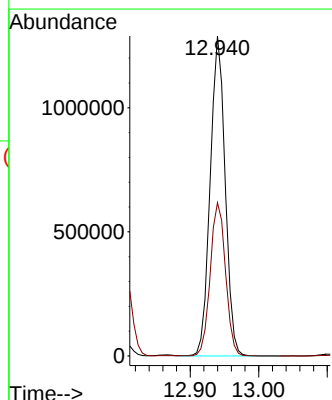
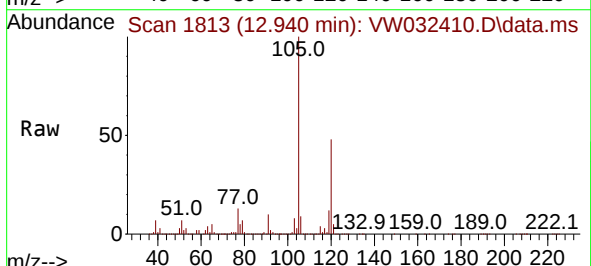
Acq: 10 Nov 2025 16:39

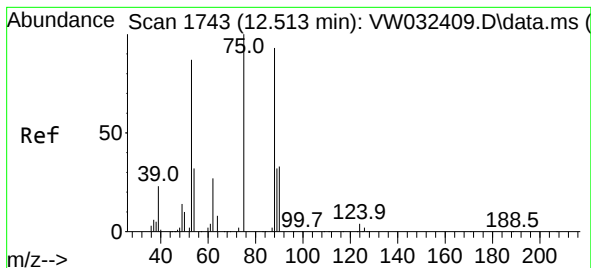
Tgt Ion:105 Resp: 1955044

Ion Ratio Lower Upper

105 100

120 48.9 24.2 72.6

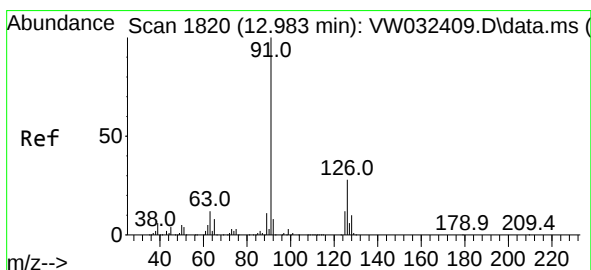
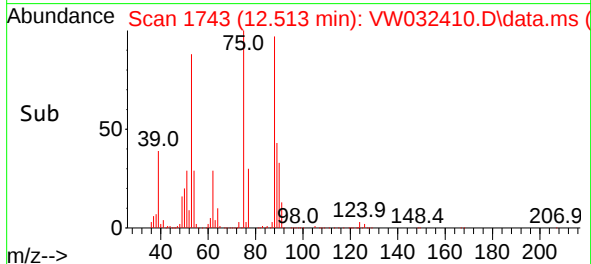
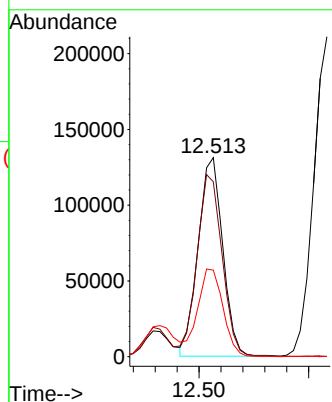
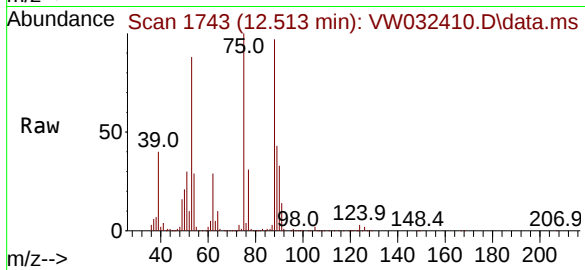




#81
trans-1,4-Dichloro-2-butene
Concen: 107.855 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

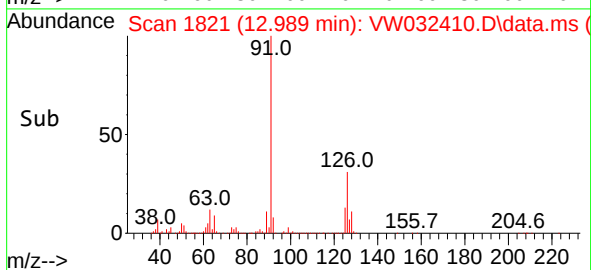
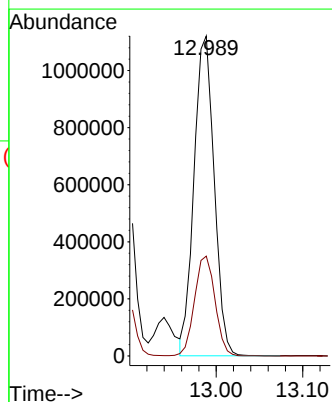
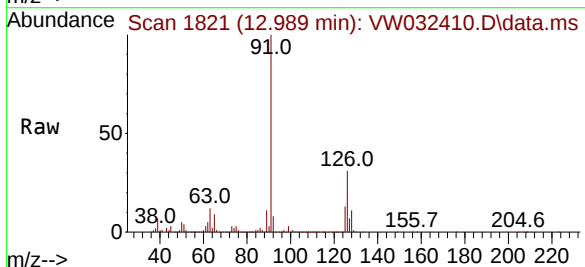
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

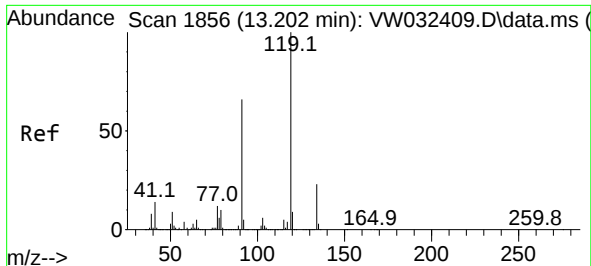
Tgt Ion: 75 Resp: 204550
Ion Ratio Lower Upper
75 100
53 94.4 77.8 116.8
89 46.2 35.6 53.4



#82
4-Chlorotoluene
Concen: 100.663 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 91 Resp: 1810987
Ion Ratio Lower Upper
91 100
126 31.8 15.5 46.5

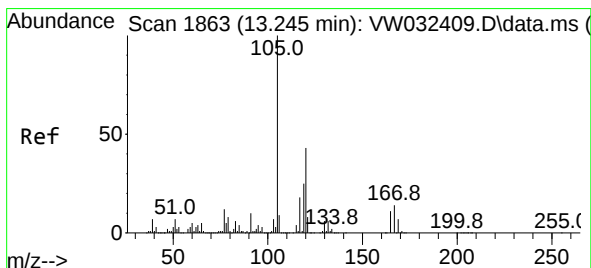
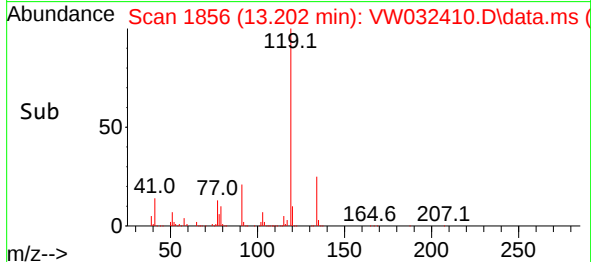
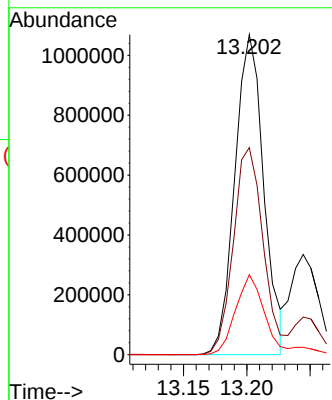
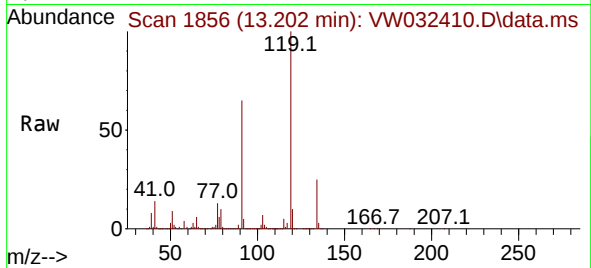




#83
tert-Butylbenzene
Concen: 101.956 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

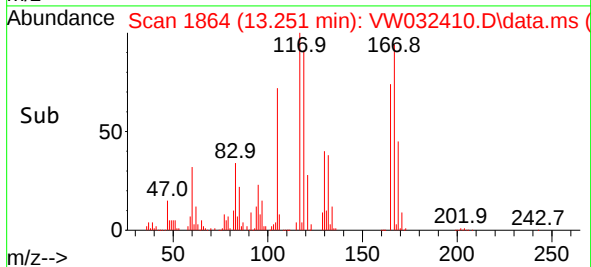
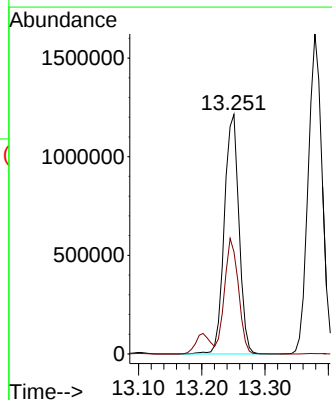
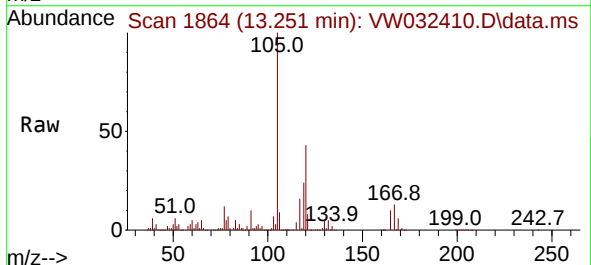
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

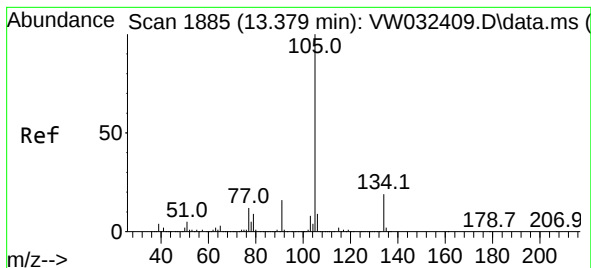
Tgt Ion:119 Resp: 1702452
Ion Ratio Lower Upper
119 100
91 67.4 33.3 99.9
134 26.6 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 99.654 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion:105 Resp: 1945604
Ion Ratio Lower Upper
105 100
120 45.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 99.408 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

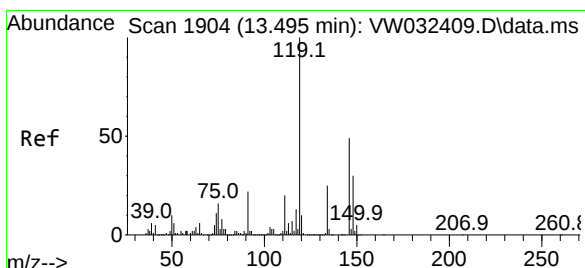
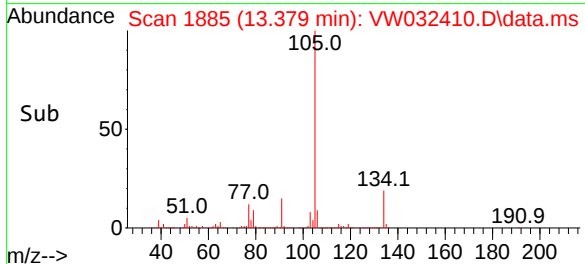
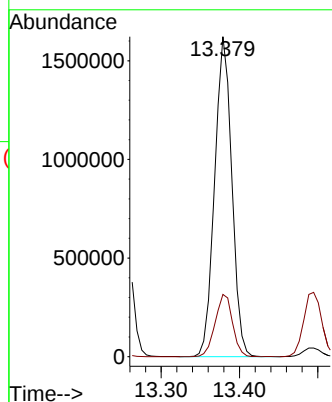
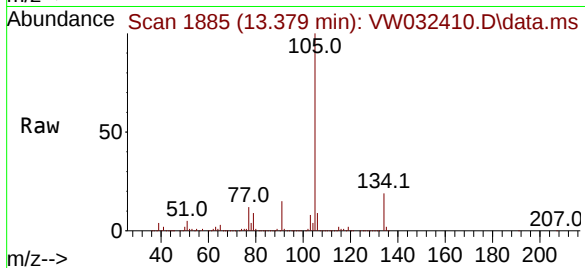
VSTDICC100

Tgt Ion:105 Resp: 2472114

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 101.480 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

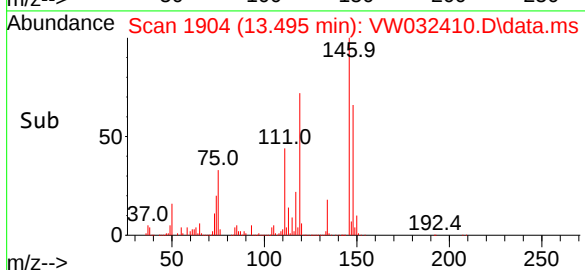
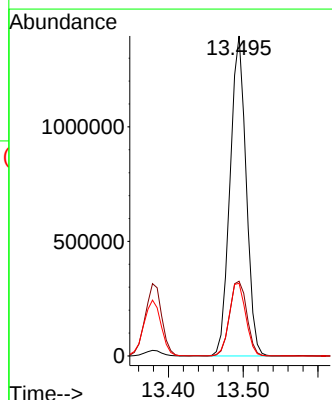
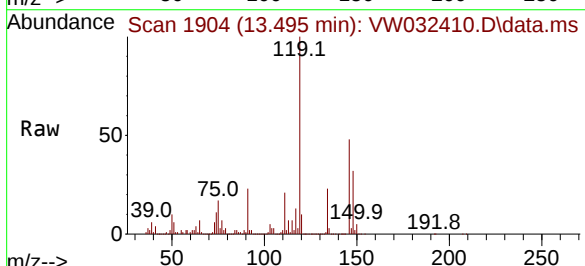
Tgt Ion:119 Resp: 2083658

Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 100.648 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

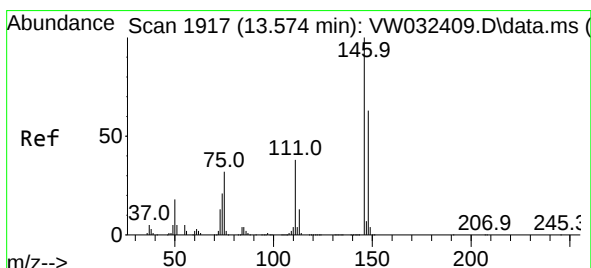
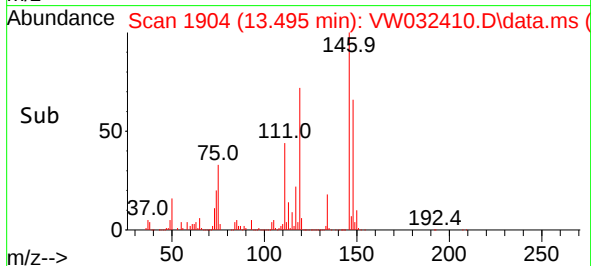
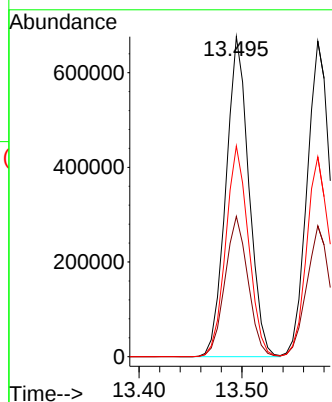
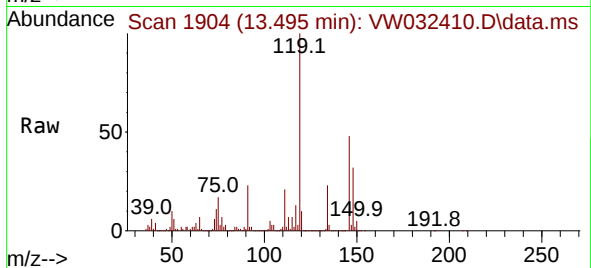
Tgt Ion:146 Resp: 1051226

Ion Ratio Lower Upper

146 100

111 43.8 22.2 66.6

148 65.2 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 98.149 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

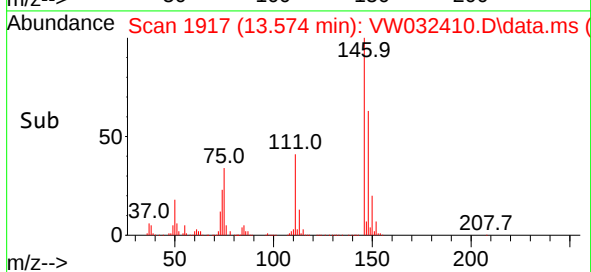
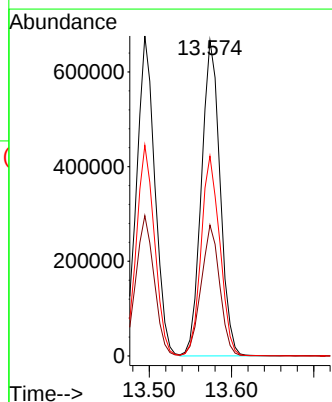
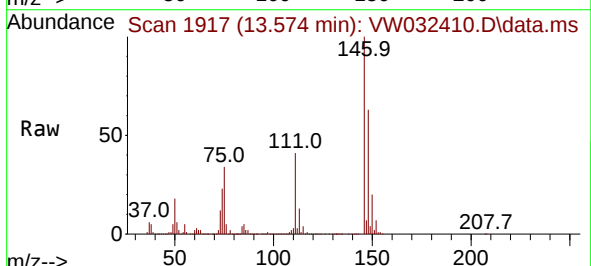
Tgt Ion:146 Resp: 1050230

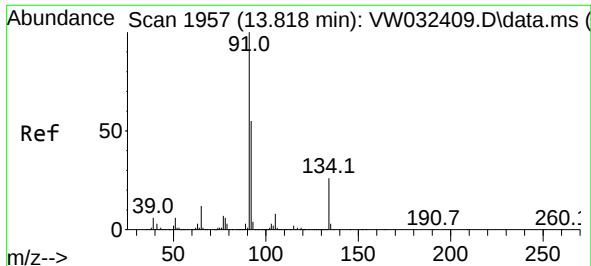
Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

148 63.6 31.2 93.6

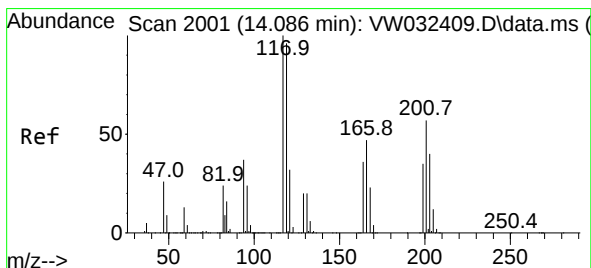
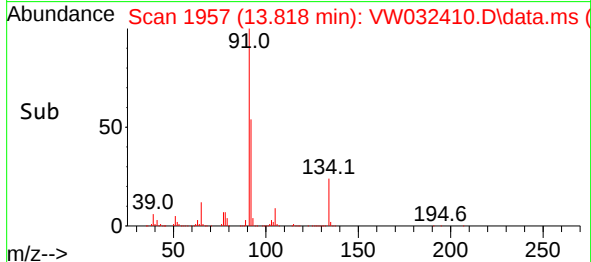
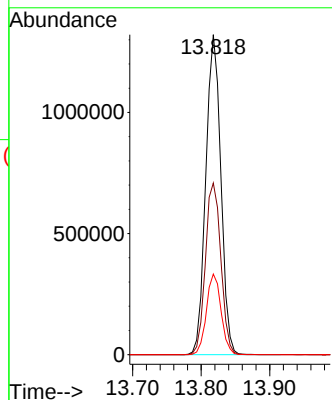
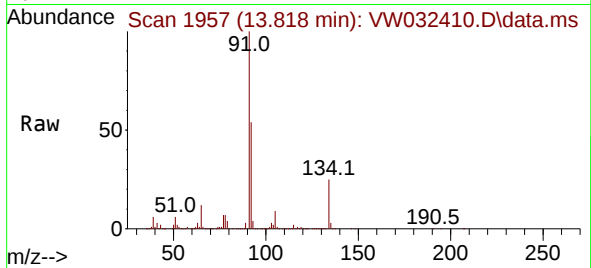




#89
n-Butylbenzene
Concen: 100.554 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

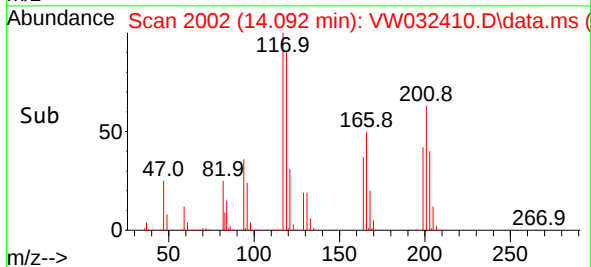
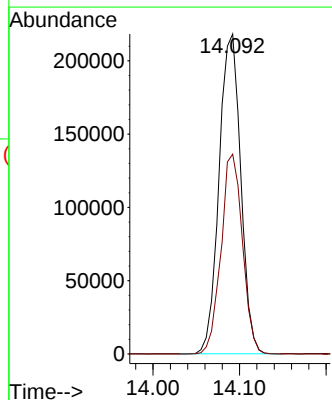
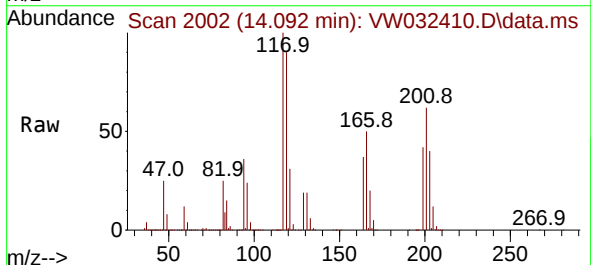
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

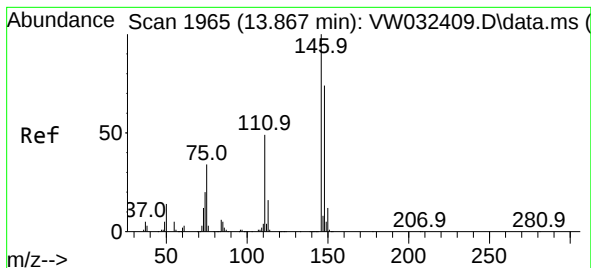
Tgt Ion: 91 Resp: 2017115
Ion Ratio Lower Upper
91 100
92 55.2 27.4 82.2
134 24.7 12.4 37.4



#90
Hexachloroethane
Concen: 102.388 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 117 Resp: 379045
Ion Ratio Lower Upper
117 100
201 61.8 32.0 96.0

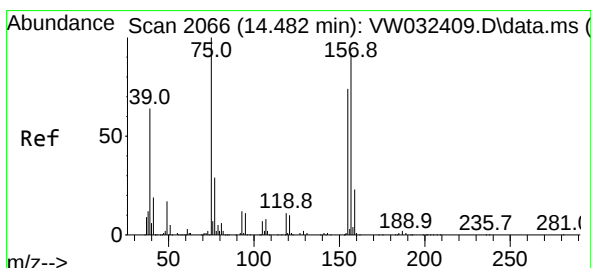
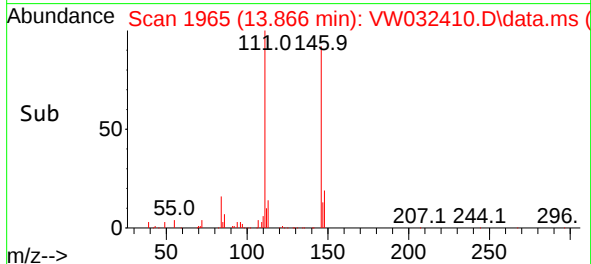
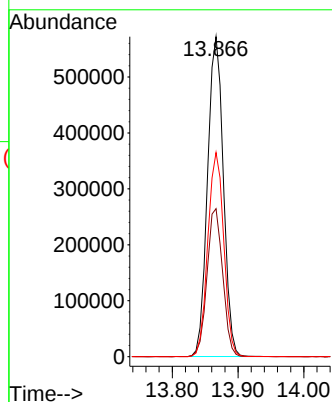
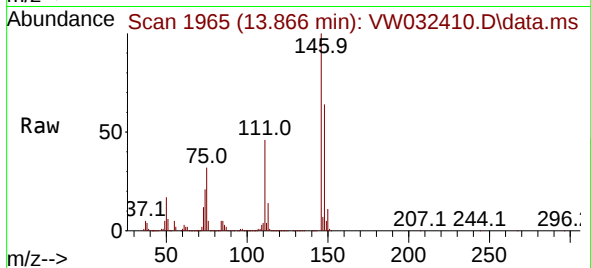




#91
1,2-Dichlorobenzene
Concen: 99.694 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

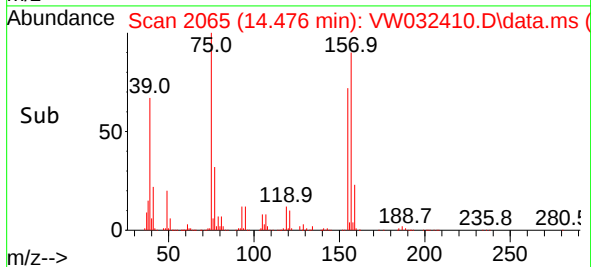
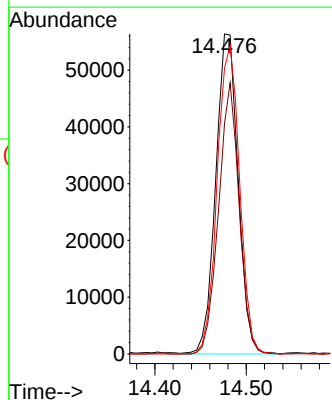
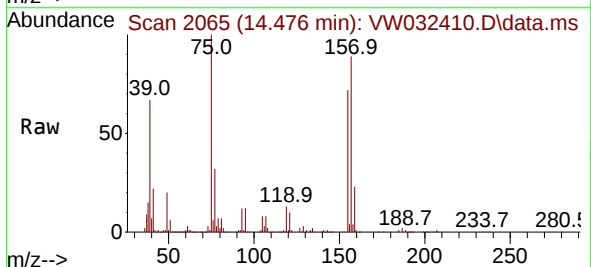
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 955867
Ion Ratio Lower Upper
146 100
111 46.0 23.4 70.2
148 64.2 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 100.954 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032410.D
Acq: 10 Nov 2025 16:39

Tgt Ion: 75 Resp: 96032
Ion Ratio Lower Upper
75 100
155 77.9 36.2 108.6
157 96.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 100.931 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

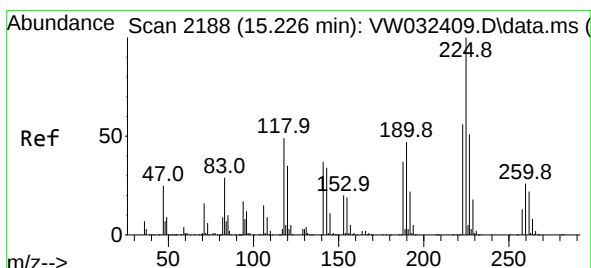
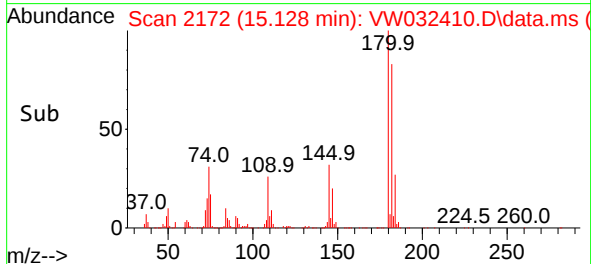
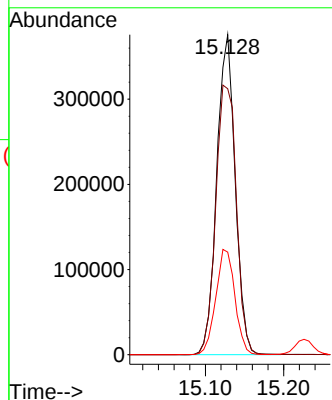
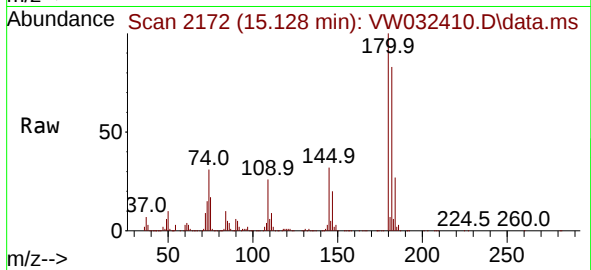
Tgt Ion:180 Resp: 615828

Ion Ratio Lower Upper

180 100

182 94.3 45.3 135.9

145 34.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 100.987 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

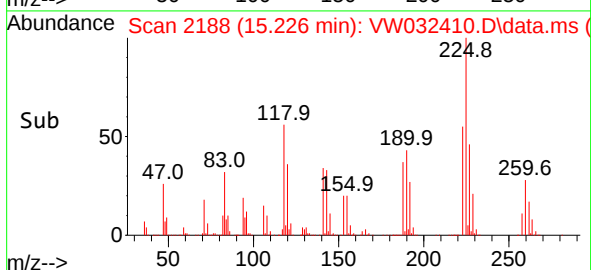
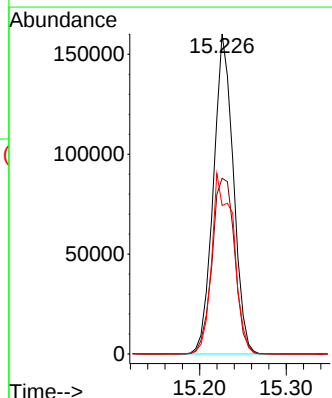
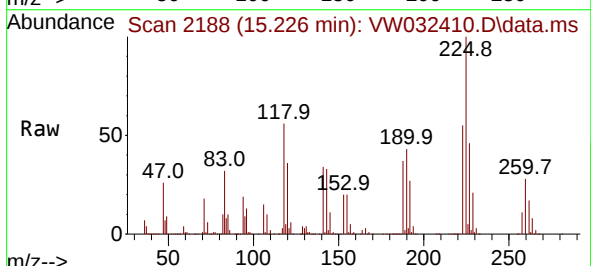
Tgt Ion:225 Resp: 255953

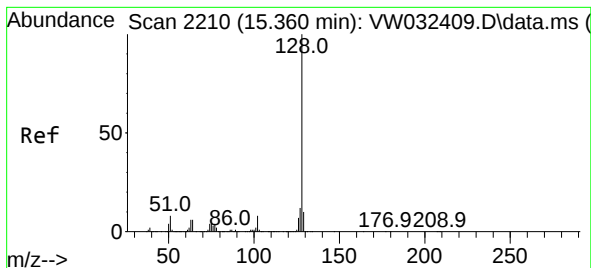
Ion Ratio Lower Upper

225 100

223 62.1 30.6 91.8

227 61.2 29.8 89.4





#95

Naphthalene

Concen: 107.703 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

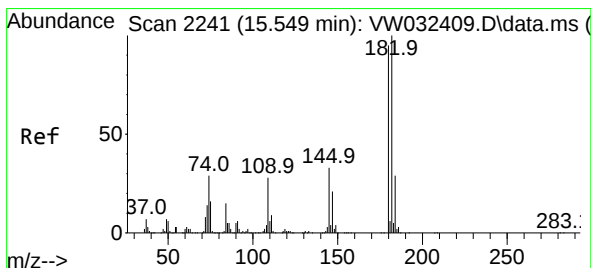
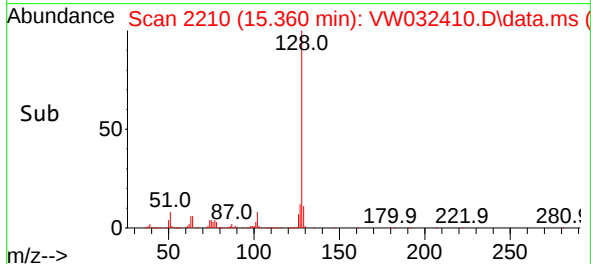
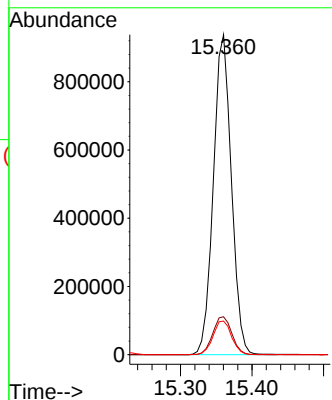
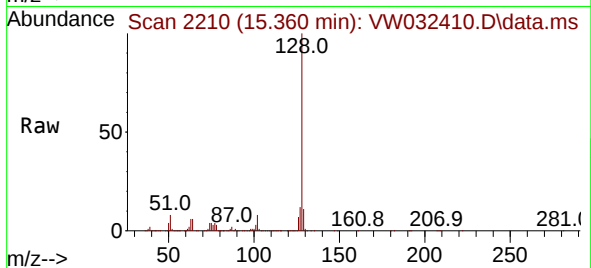
Tgt Ion:128 Resp: 1638729

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 100.642 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032410.D

Acq: 10 Nov 2025 16:39

Tgt Ion:180 Resp: 557493

Ion Ratio Lower Upper

180 100

182 97.5 50.3 151.0

145 35.4 17.8 53.3

