

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032488.D
 Acq On : 18 Nov 2025 17:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 00:30:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	342149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	668124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	614970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	280431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	253690	57.512	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 115.020%	
35) Dibromofluoromethane	7.898	113	205510	51.375	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.740%	
50) Toluene-d8	10.325	98	798093	52.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.617	95	306932	52.945	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	86239	49.679	ug/l	92
3) Chloromethane	2.253	50	154021	51.763	ug/l	99
4) Vinyl Chloride	2.405	62	190166	50.640	ug/l	98
5) Bromomethane	2.826	94	133442	53.123	ug/l	93
6) Chloroethane	2.972	64	129090	52.543	ug/l	95
7) Trichlorofluoromethane	3.308	101	139171	47.269	ug/l	92
8) Diethyl Ether	3.722	74	131768	54.740	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	164472	51.282	ug/l	98
10) Methyl Iodide	4.308	142	262670	50.850	ug/l	99
11) Tert butyl alcohol	5.222	59	103392	271.064	ug/l	100
12) 1,1-Dichloroethene	4.082	96	187599	51.011	ug/l	93
13) Acrolein	3.930	56	105576	164.972	ug/l	100
14) Allyl chloride	4.704	41	370759	52.425	ug/l	98
15) Acrylonitrile	5.399	53	395860	284.428	ug/l	100
16) Acetone	4.161	43	328385	248.833	ug/l	100
17) Carbon Disulfide	4.423	76	543607	50.012	ug/l	98
18) Methyl Acetate	4.710	43	212584	65.050	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	424029	54.698	ug/l	98
20) Methylene Chloride	4.960	84	258244	54.718	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	221390	52.648	ug/l	94
22) Diisopropyl ether	6.338	45	791720	54.983	ug/l	99
23) Vinyl Acetate	6.283	43	2674801	271.128	ug/l	99
24) 1,1-Dichloroethane	6.240	63	438068	55.528	ug/l	99
25) 2-Butanone	7.191	43	537330	276.369	ug/l	100
26) 2,2-Dichloropropane	7.185	77	210029	47.770	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	274427	54.617	ug/l	98
28) Bromochloromethane	7.533	49	217850	58.425	ug/l	99
29) Tetrahydrofuran	7.551	42	360997	292.536	ug/l	99
30) Chloroform	7.691	83	434251	56.228	ug/l	99
31) Cyclohexane	7.965	56	362438	49.665	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	287424	52.097	ug/l	98
36) 1,1-Dichloropropene	8.093	75	298873	50.709	ug/l	99
37) Ethyl Acetate	7.277	43	233082	53.182	ug/l	99
38) Carbon Tetrachloride	8.081	117	255626	48.812	ug/l	97
39) Methylcyclohexane	9.343	83	363319	47.584	ug/l	95
40) Benzene	8.337	78	969685	51.088	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	130347	54.141	ug/l	98
42) 1,2-Dichloroethane	8.410	62	298651	53.568	ug/l	99
43) Isopropyl Acetate	8.435	43	409294	52.741	ug/l	99
44) Trichloroethene	9.099	130	217655	49.281	ug/l	95
45) 1,2-Dichloropropane	9.374	63	247027	52.268	ug/l	97
46) Dibromomethane	9.465	93	143623	52.003	ug/l	98
47) Bromodichloromethane	9.648	83	330551	52.469	ug/l	100
48) Methyl methacrylate	9.441	41	193041	52.348	ug/l	92
49) 1,4-Dioxane	9.465	88	43214	1116.938	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1197453	279.118	ug/l	100
52) Toluene	10.392	92	600531	51.222	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	334311	51.526	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	392259	52.279	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	196440	51.848	ug/l	96
56) Ethyl methacrylate	10.648	69	310865	53.475	ug/l	99
57) 1,3-Dichloropropane	10.934	76	363329	53.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	848264	274.001	ug/l	100
59) 2-Hexanone	10.971	43	838450	267.123	ug/l	100
60) Dibromochloromethane	11.129	129	219971	51.990	ug/l	100
61) 1,2-Dibromoethane	11.233	107	195000	52.844	ug/l	98
64) Tetrachloroethene	10.867	164	190851	52.407	ug/l #	83
65) Chlorobenzene	11.654	112	655294	49.438	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	201727	49.176	ug/l	98
67) Ethyl Benzene	11.727	91	1129243	49.238	ug/l	98
68) m/p-Xylenes	11.843	106	869904	101.022	ug/l	99
69) o-Xylene	12.166	106	400742	48.604	ug/l	98
70) Styrene	12.178	104	721699	50.883	ug/l	99
71) Bromoform	12.349	173	122517	50.424	ug/l #	94
73) Isopropylbenzene	12.459	105	1034308	50.219	ug/l	98
74) N-amyl acetate	12.270	43	376621	52.624	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	257948	52.773	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	325572	84.670	ug/l	32
77) Bromobenzene	12.745	156	246521	50.554	ug/l	95
78) n-propylbenzene	12.800	91	1277855	50.947	ug/l	99
79) 2-Chlorotoluene	12.891	91	769931	50.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	860862	50.664	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	85557	50.963	ug/l	94
82) 4-Chlorotoluene	12.983	91	812640	51.029	ug/l	99
83) tert-Butylbenzene	13.202	119	729377	49.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	874991	50.629	ug/l	99
85) sec-Butylbenzene	13.379	105	1075809	48.871	ug/l	99
86) p-Isopropyltoluene	13.495	119	888347	48.876	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	483126	52.255	ug/l	93
88) 1,4-Dichlorobenzene	13.574	146	461365	48.709	ug/l	97
89) n-Butylbenzene	13.818	91	883297	49.744	ug/l	100
90) Hexachloroethane	14.086	117	155840	47.555	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	449217	52.929	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43469	51.623	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	260059	48.150	ug/l	99
94) Hexachlorobutadiene	15.226	225	104071	46.387	ug/l	94
95) Naphthalene	15.360	128	670165	49.758	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	249694	50.922	ug/l	92

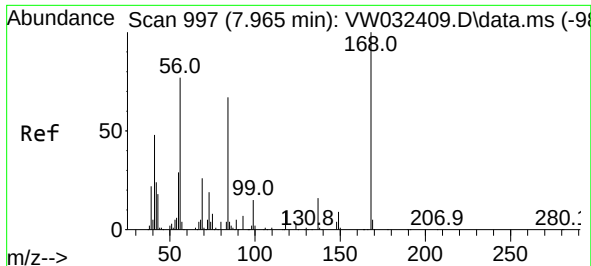
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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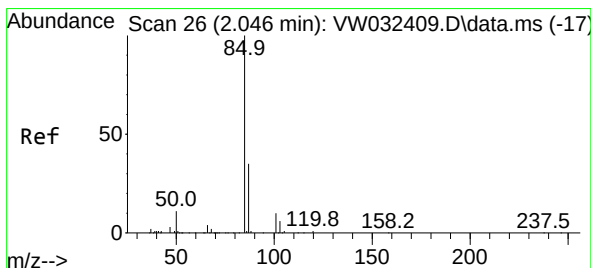
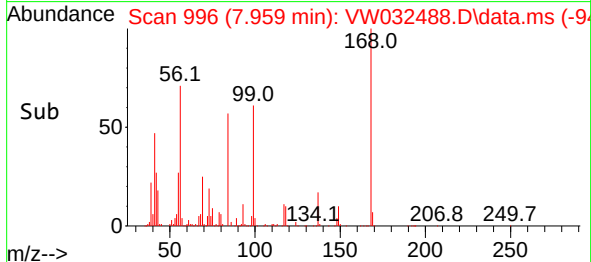
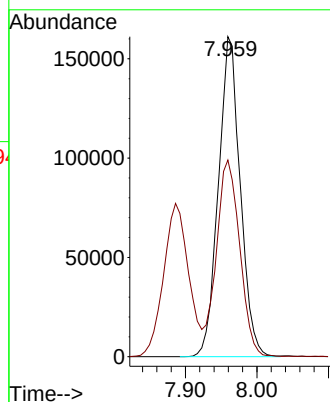
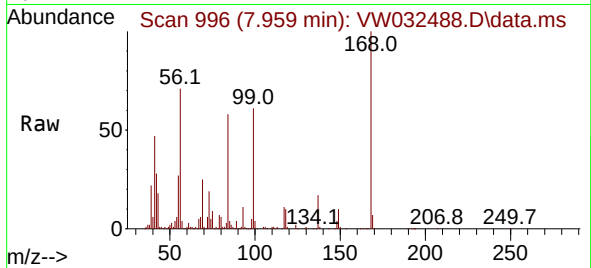
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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Acq: 18 Nov 2025 17:43

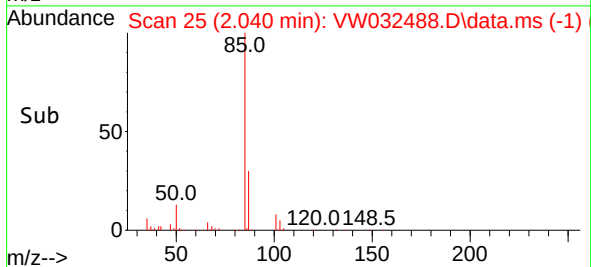
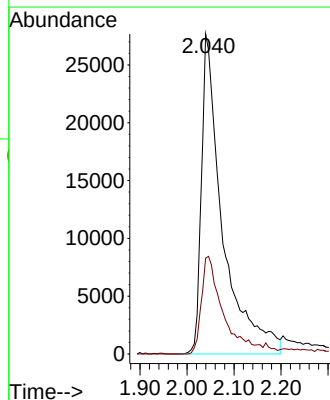
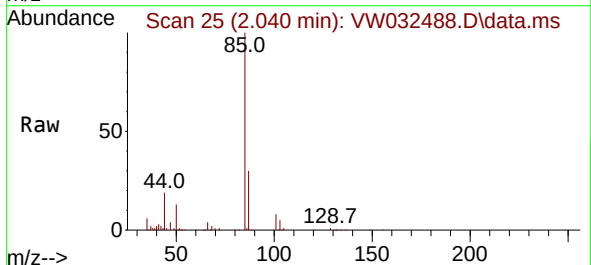
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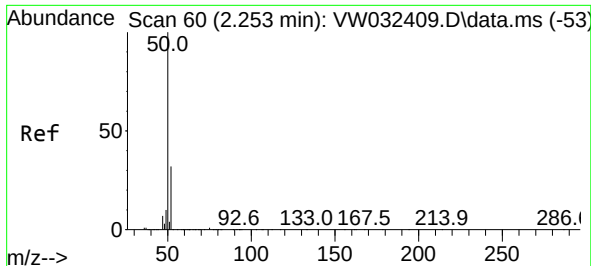
Tgt Ion:168 Resp: 342149
Ion Ratio Lower Upper
168 100
99 61.4 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 49.679 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 85 Resp: 86239
Ion Ratio Lower Upper
85 100
87 30.0 17.4 52.2

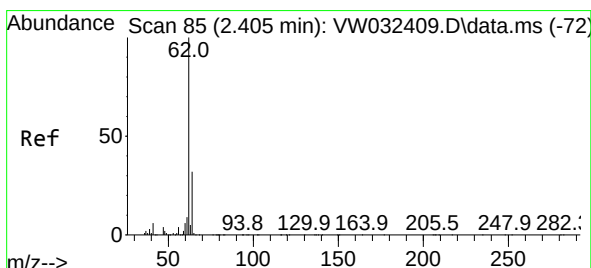
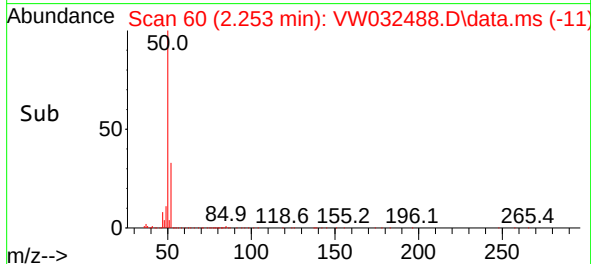
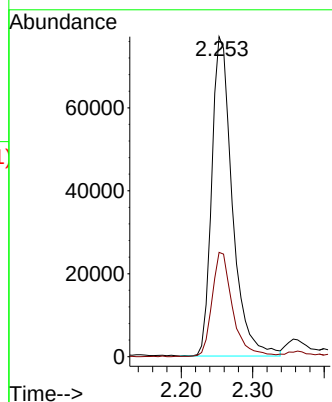
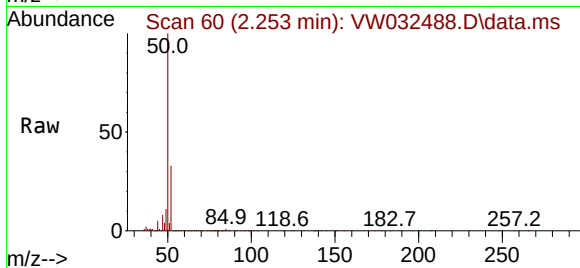




#3
Chloromethane
Concen: 51.763 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

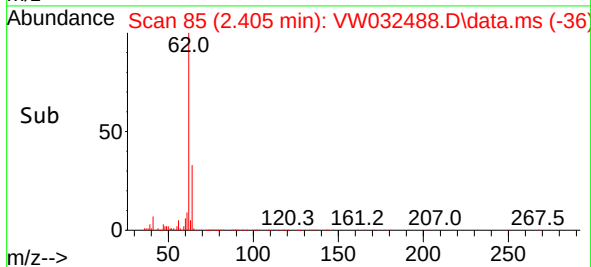
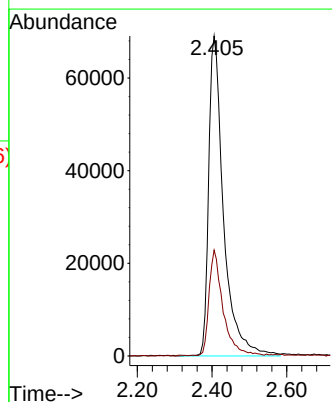
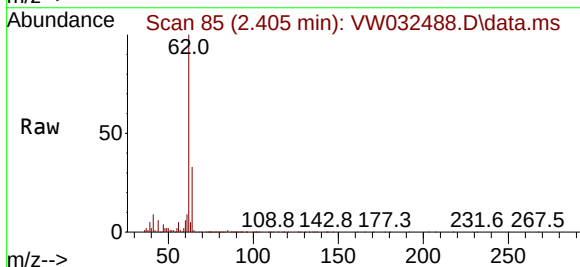
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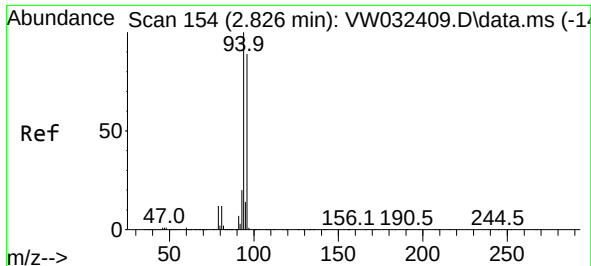
Tgt Ion: 50 Resp: 154021
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3



#4
Vinyl Chloride
Concen: 50.640 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 62 Resp: 190166
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8

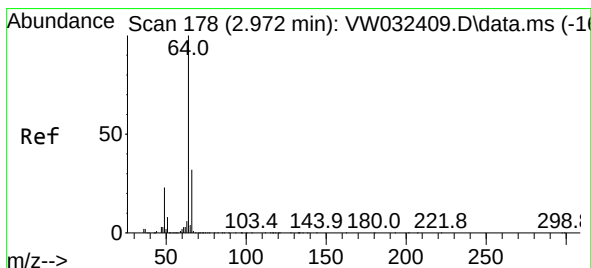
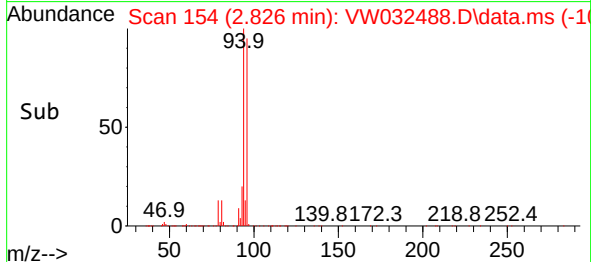
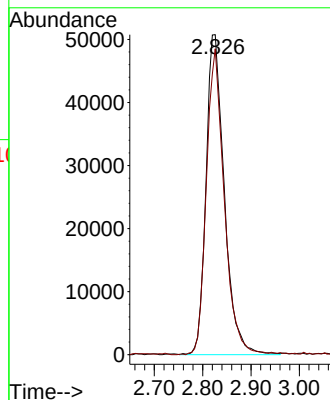
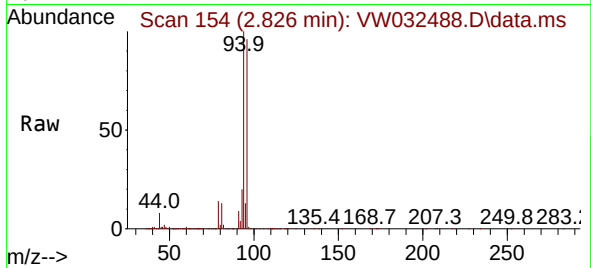




#5
Bromomethane
Concen: 53.123 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

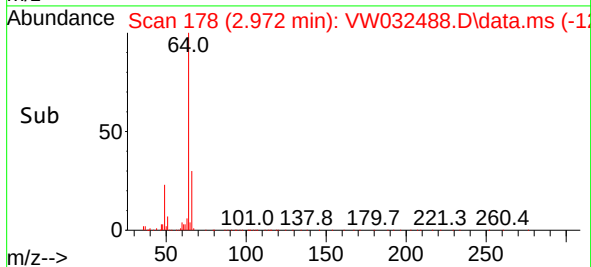
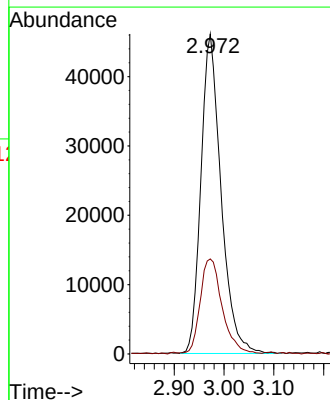
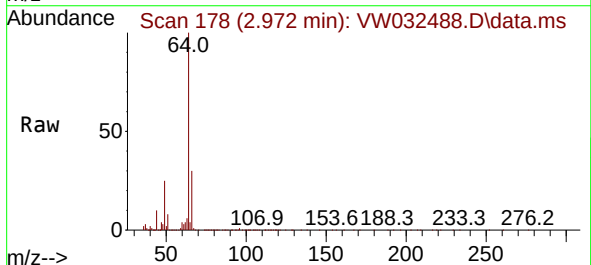
Instrument :
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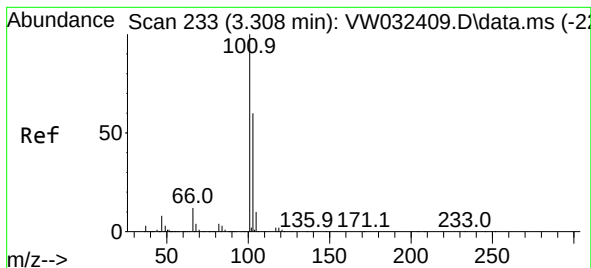
Tgt Ion: 94 Resp: 133442
Ion Ratio Lower Upper
94 100
96 95.5 71.4 107.2



#6
Chloroethane
Concen: 52.543 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 64 Resp: 129090
Ion Ratio Lower Upper
64 100
66 29.4 25.6 38.4





#7

Trichlorofluoromethane

Concen: 47.269 ug/l

RT: 3.308 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

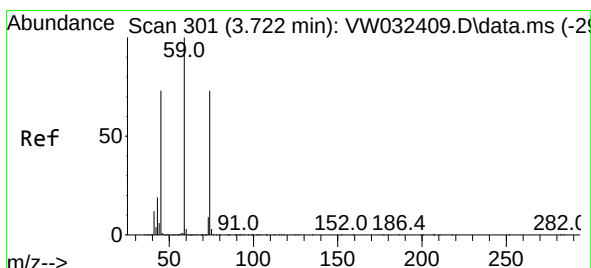
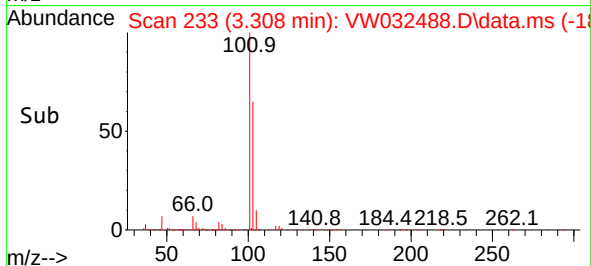
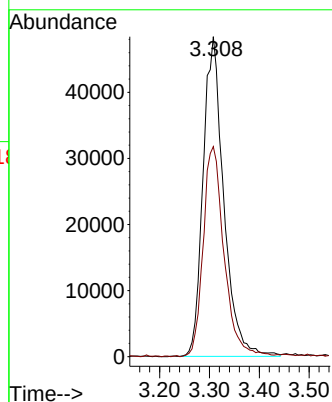
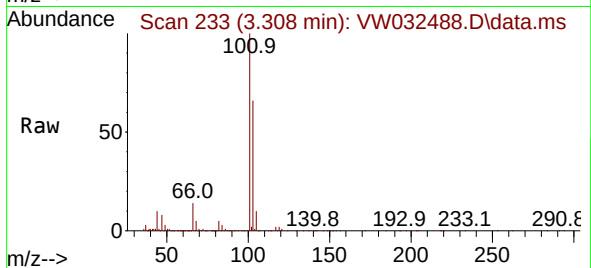
VSTDCCC050EC

Tgt Ion:101 Resp: 139171

Ion Ratio Lower Upper

101 100

103 65.7 48.0 72.0



#8

Diethyl Ether

Concen: 54.740 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032488.D

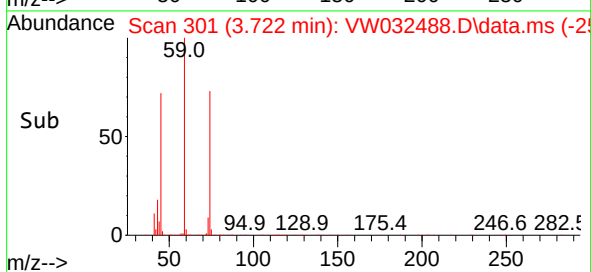
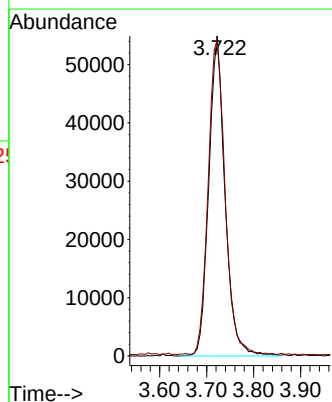
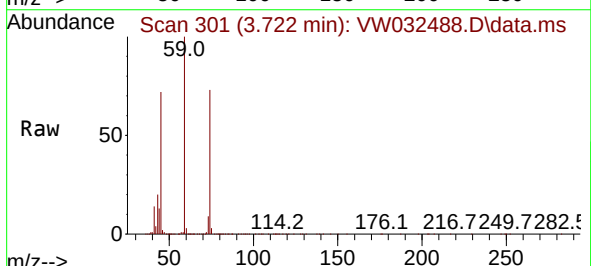
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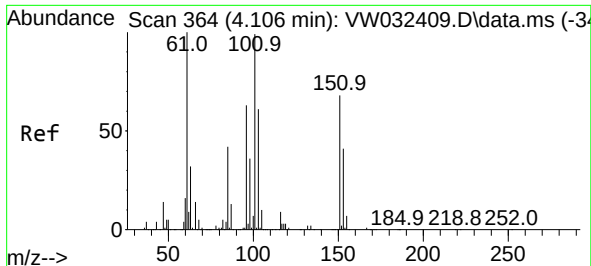
Tgt Ion: 74 Resp: 131768

Ion Ratio Lower Upper

74 100

45 102.3 51.8 155.4

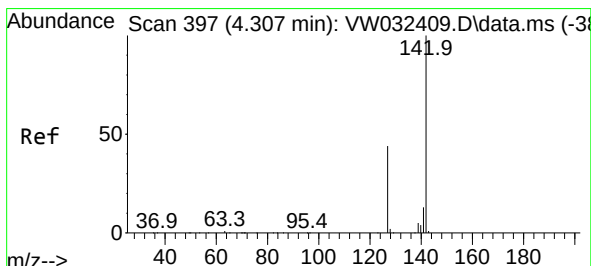
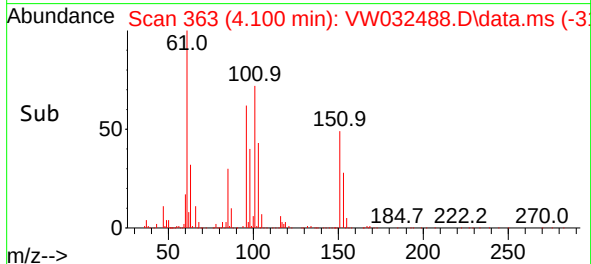
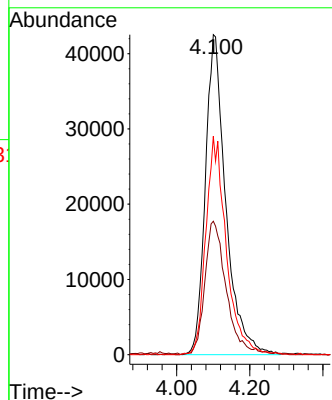
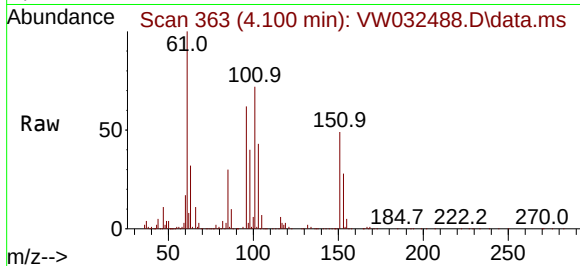




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.282 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
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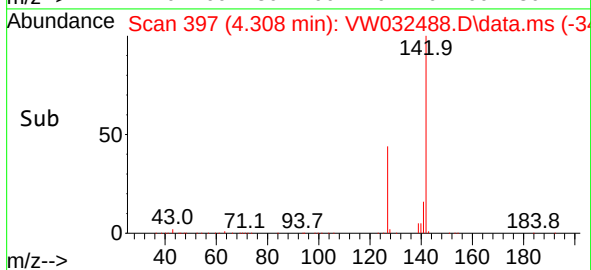
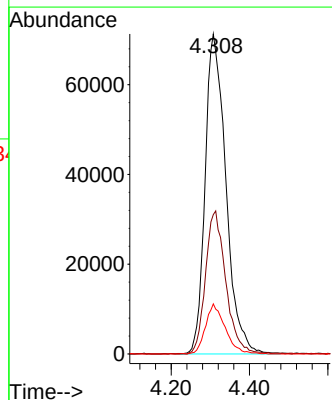
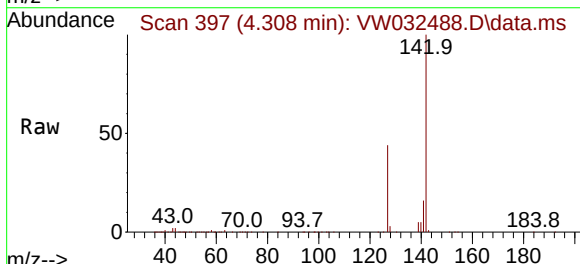
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MSVOA_W
ClientSampleId :
VSTDCCC050EC

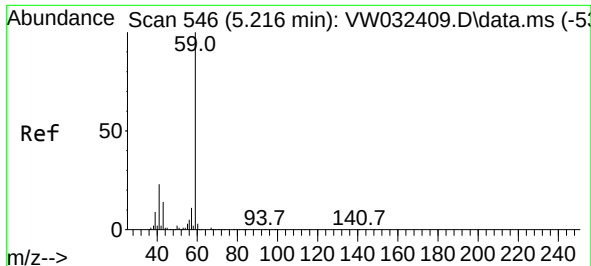
Tgt Ion:101 Resp: 164472
Ion Ratio Lower Upper
101 100
85 43.9 34.1 51.1
151 68.8 56.4 84.6



#10
Methyl Iodide
Concen: 50.850 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:142 Resp: 262670
Ion Ratio Lower Upper
142 100
127 43.5 34.2 51.2
141 14.8 11.8 17.8

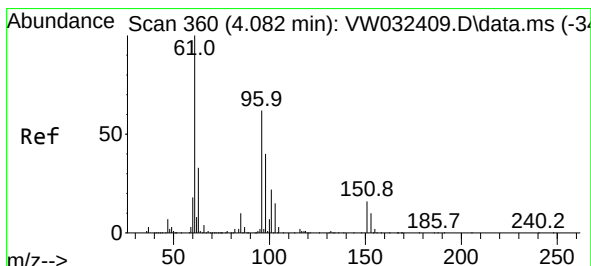
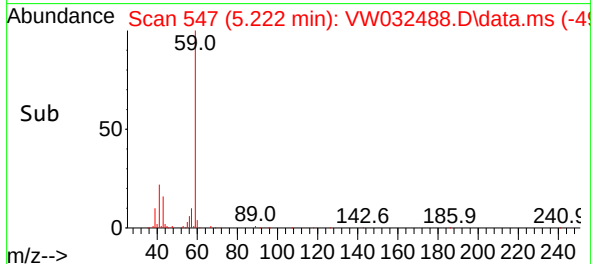
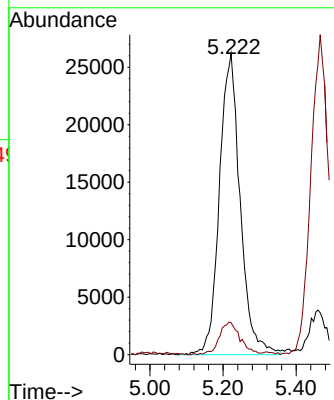
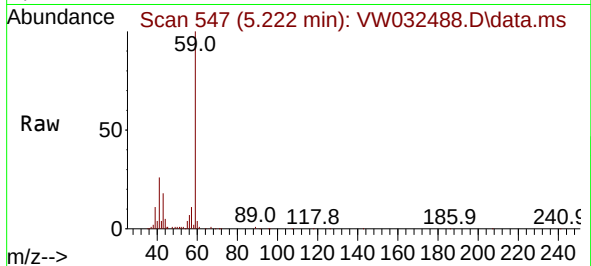




#11
Tert butyl alcohol
Concen: 271.064 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

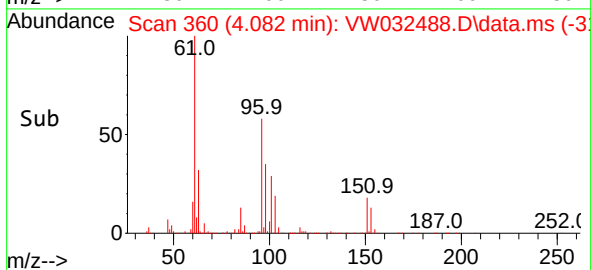
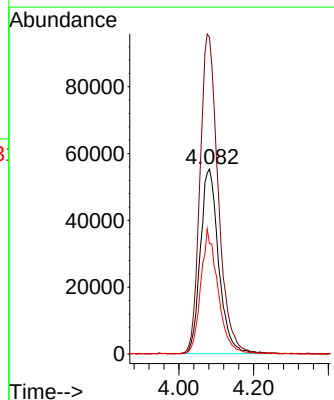
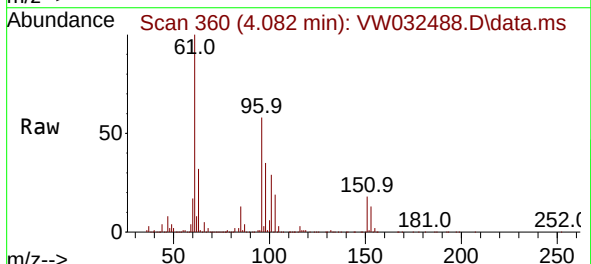
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

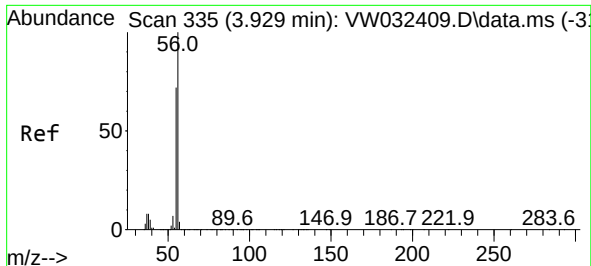
Tgt Ion: 59 Resp: 103392
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.011 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 96 Resp: 187599
Ion Ratio Lower Upper
96 100
61 171.2 129.0 193.6
98 59.7 51.1 76.7

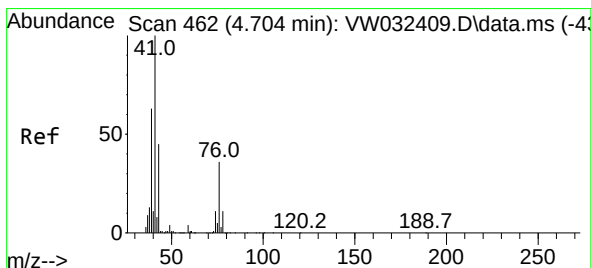
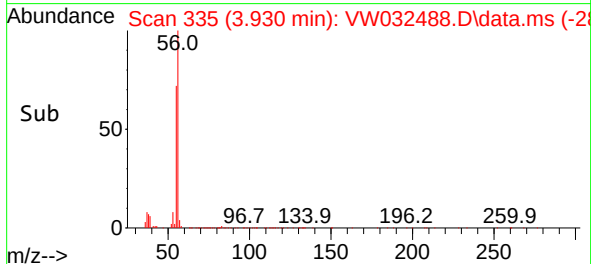
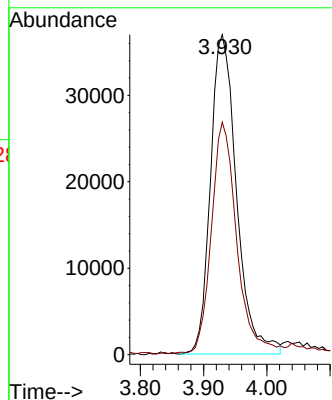
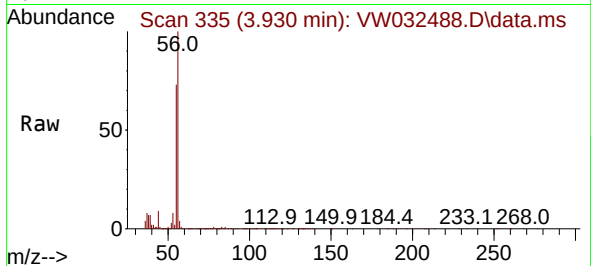




#13
Acrolein
Concen: 164.972 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

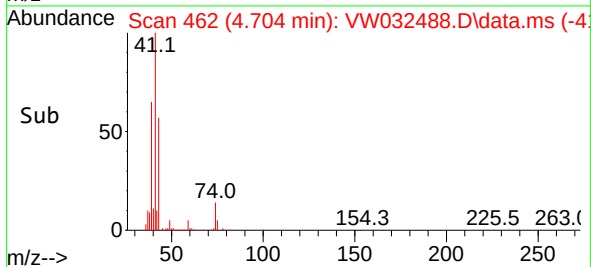
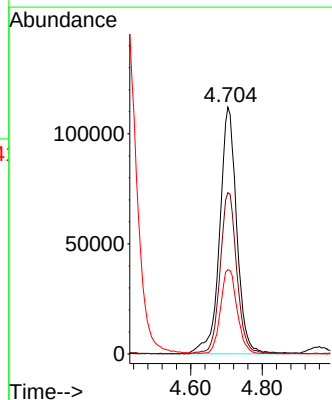
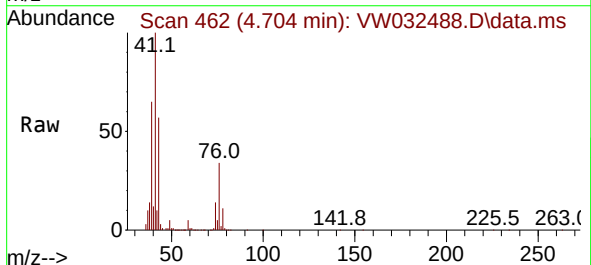
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

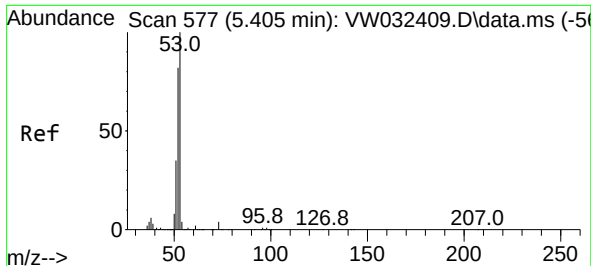
Tgt Ion: 56 Resp: 105576
Ion Ratio Lower Upper
56 100
55 70.7 56.3 84.5



#14
Allyl chloride
Concen: 52.425 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 41 Resp: 370759
Ion Ratio Lower Upper
41 100
39 64.3 50.2 75.2
76 33.1 27.0 40.6

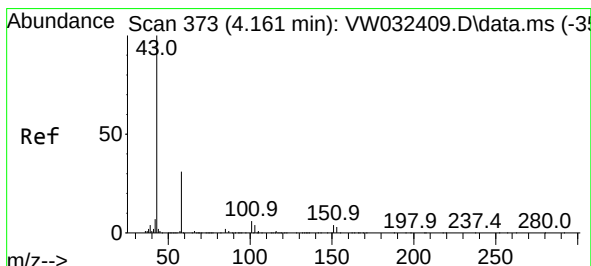
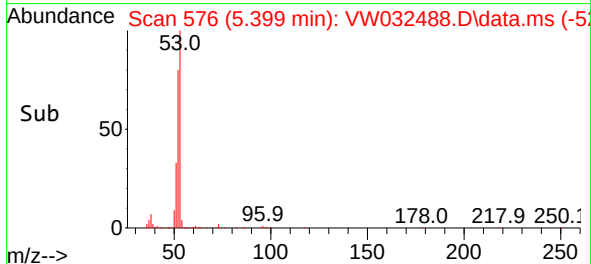
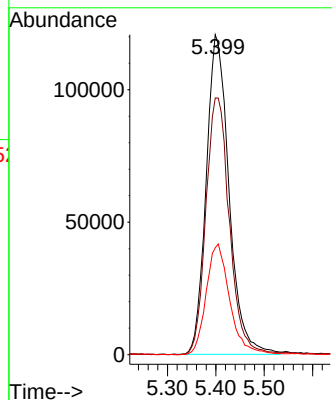
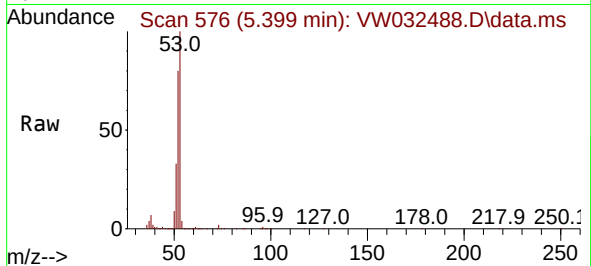




#15
Acrylonitrile
Concen: 284.428 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

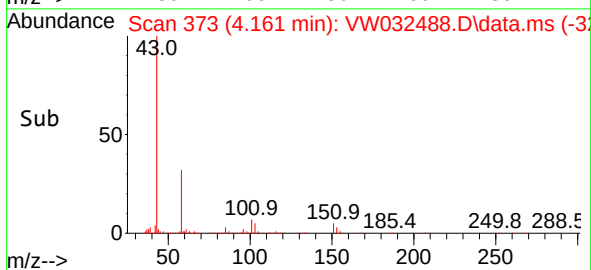
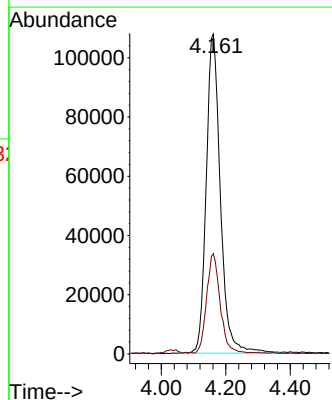
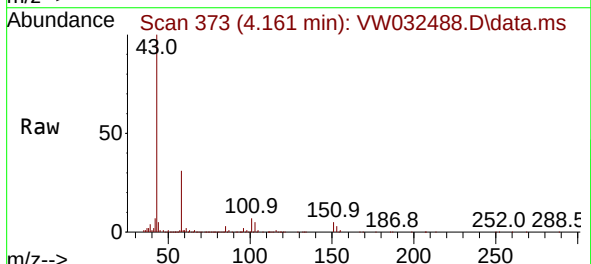
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

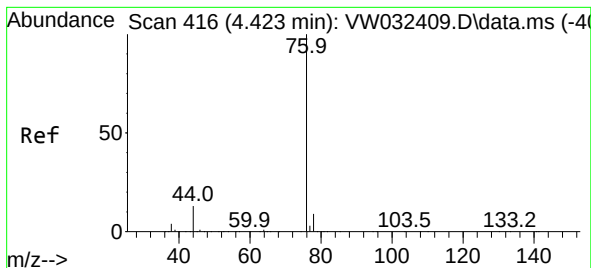
Tgt Ion: 53 Resp: 395860
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 35.9 28.6 43.0



#16
Acetone
Concen: 248.833 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 43 Resp: 328385
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2





#17

Carbon Disulfide

Concen: 50.012 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

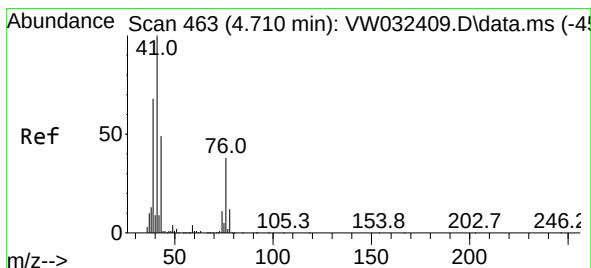
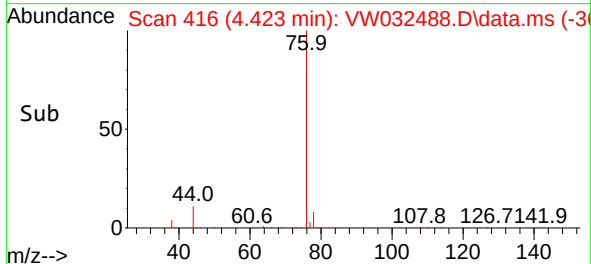
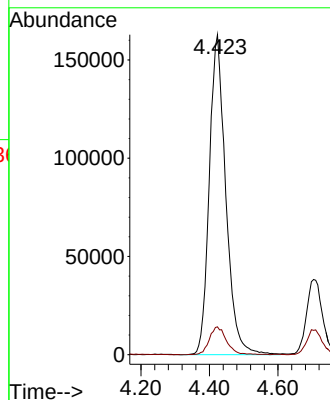
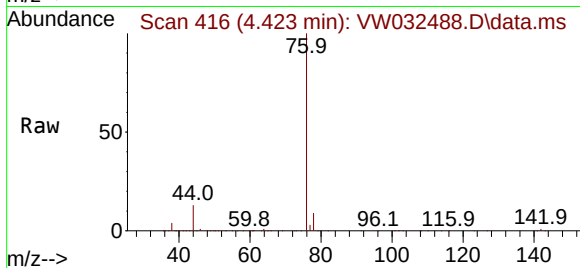
VSTDCCC050EC

Tgt Ion: 76 Resp: 543607

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4



#18

Methyl Acetate

Concen: 65.050 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032488.D

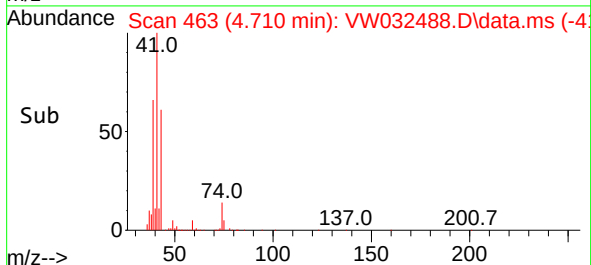
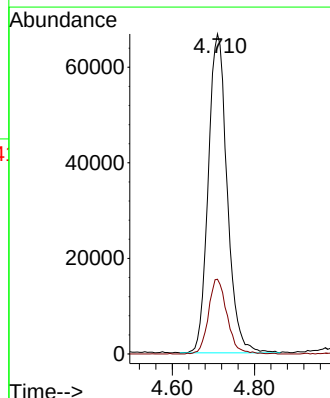
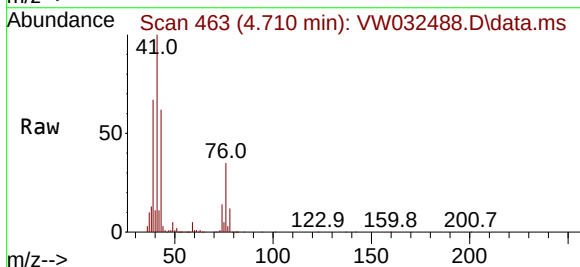
Acq: 18 Nov 2025 17:43

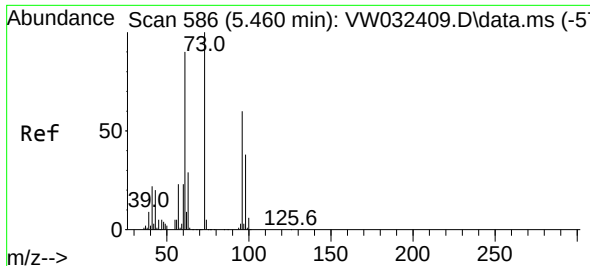
Tgt Ion: 43 Resp: 212584

Ion Ratio Lower Upper

43 100

74 23.1 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 54.698 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

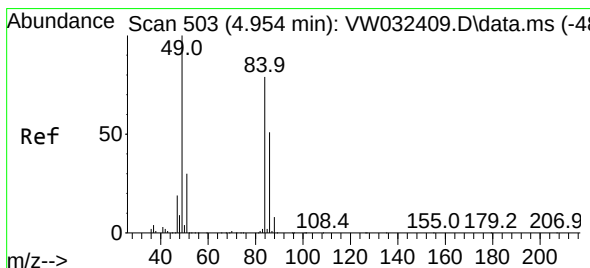
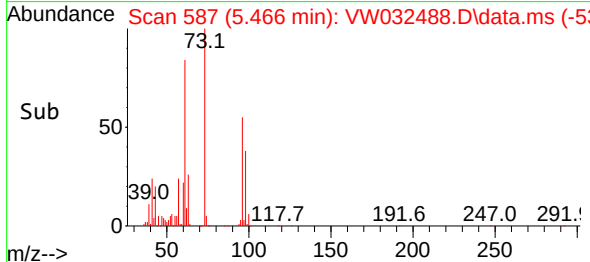
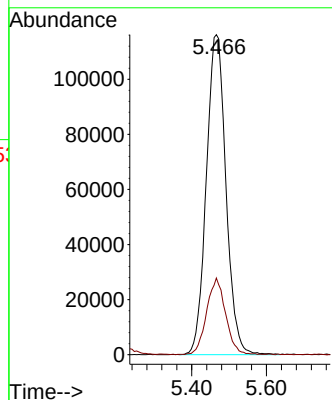
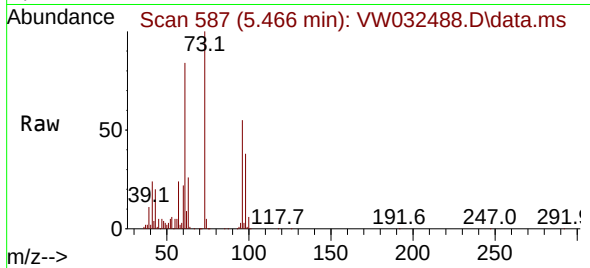
VSTDCCC050EC

Tgt Ion: 73 Resp: 424029

Ion Ratio Lower Upper

73 100

57 23.9 18.3 27.5



#20

Methylene Chloride

Concen: 54.718 ug/l

RT: 4.960 min Scan# 504

Delta R.T. 0.006 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Tgt Ion: 84 Resp: 258244

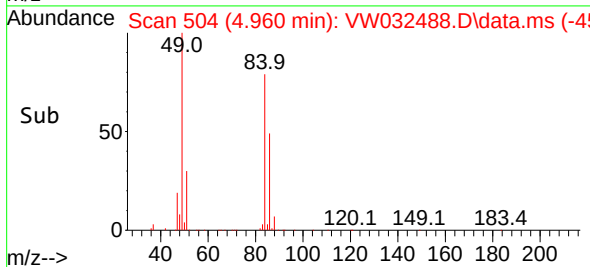
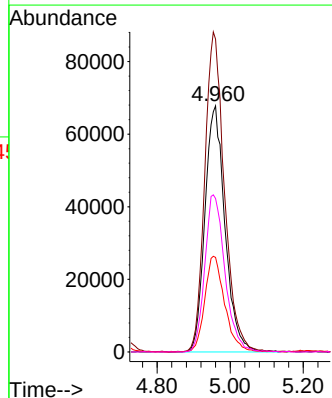
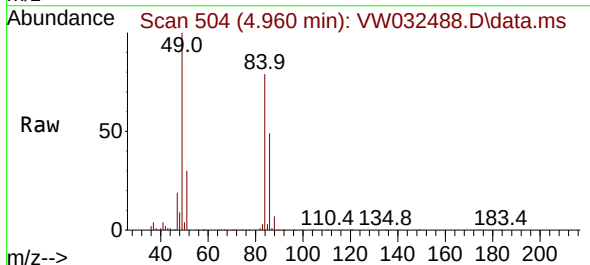
Ion Ratio Lower Upper

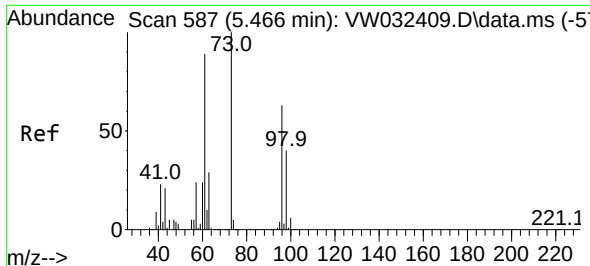
84 100

49 126.9 101.5 152.3

51 38.3 30.6 46.0

86 62.4 51.9 77.9

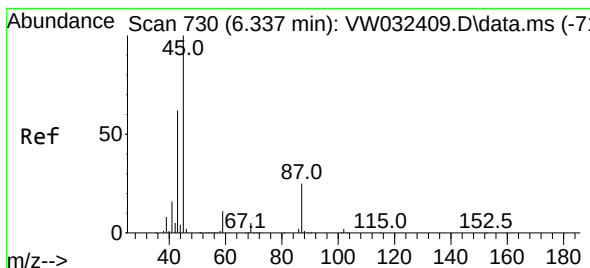
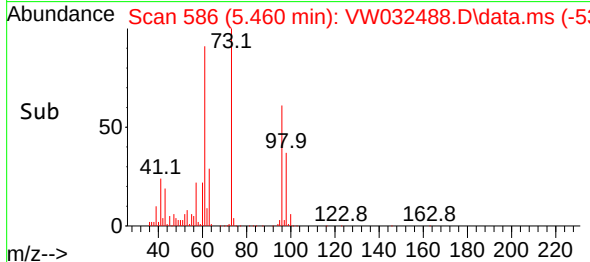
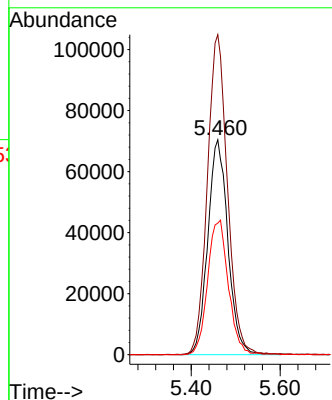
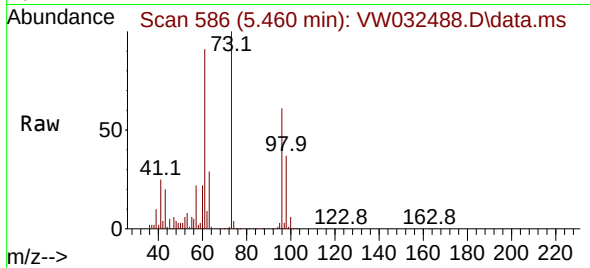




#21
trans-1,2-Dichloroethene
Concen: 52.648 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

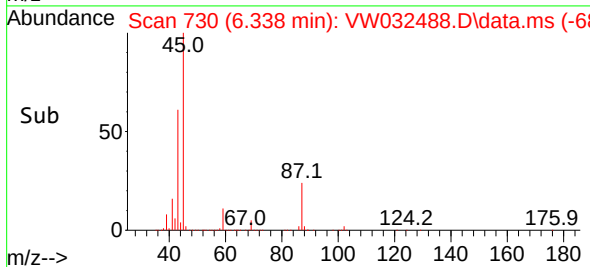
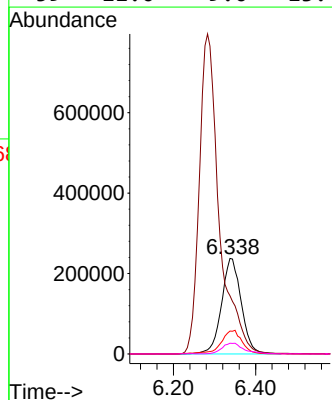
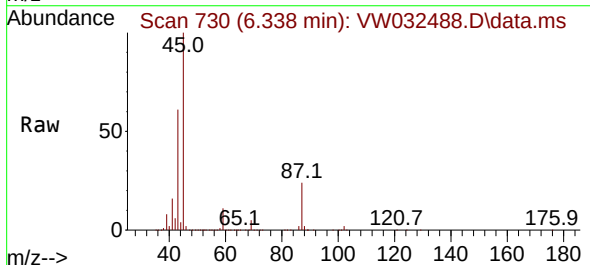
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

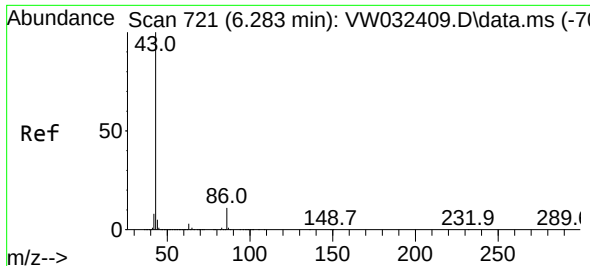
Tgt Ion: 96 Resp: 221390
Ion Ratio Lower Upper
96 100
61 148.8 112.5 168.7
98 61.2 51.1 76.7



#22
Diisopropyl ether
Concen: 54.983 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 45 Resp: 791720
Ion Ratio Lower Upper
45 100
43 60.9 49.4 74.2
87 23.8 20.1 30.1
59 11.0 9.0 13.4

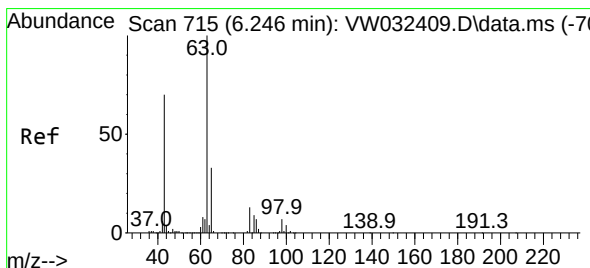
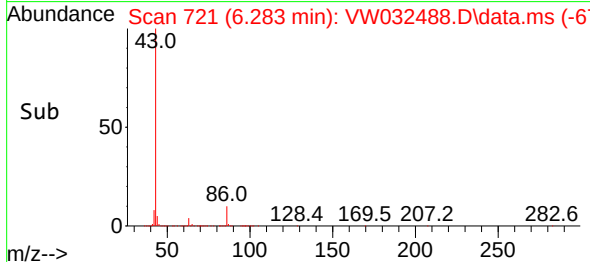
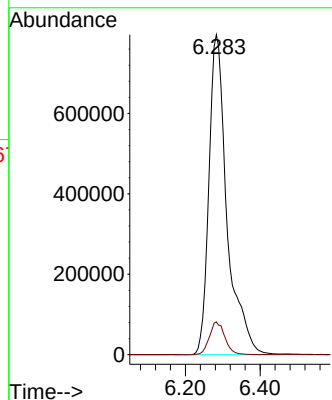
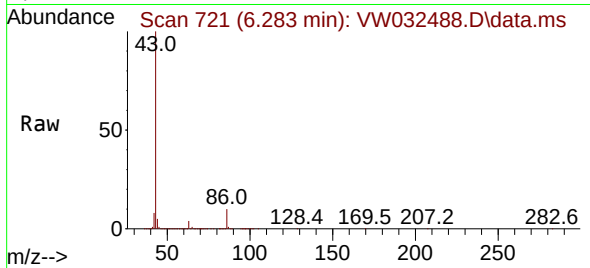




#23
 Vinyl Acetate
 Concen: 271.128 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

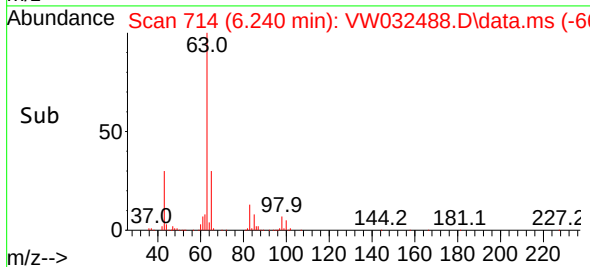
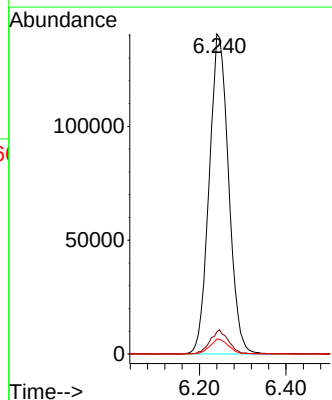
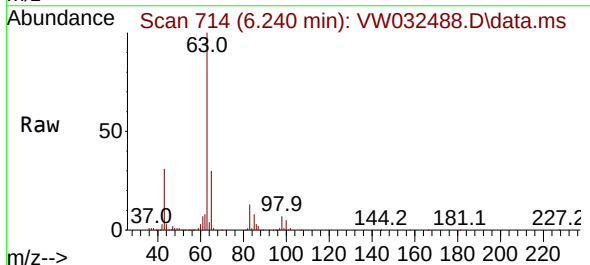
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

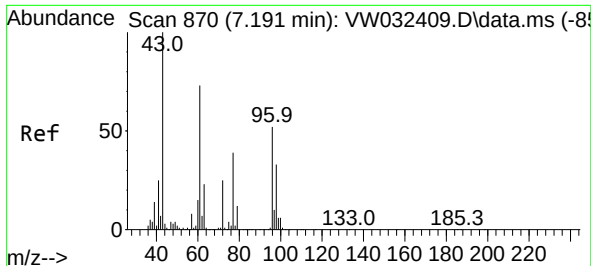
Tgt Ion: 43 Resp: 2674801
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.528 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

Tgt Ion: 63 Resp: 438068
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.7 2.3 6.8

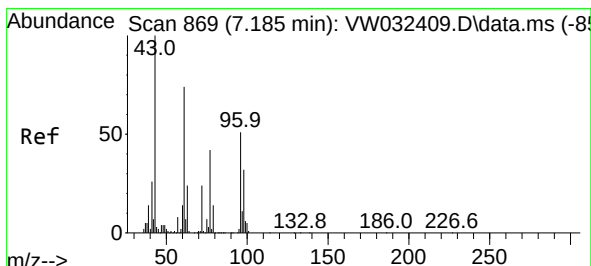
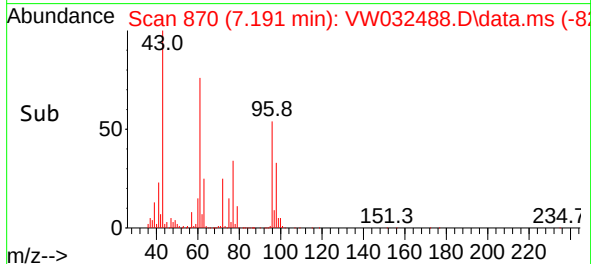
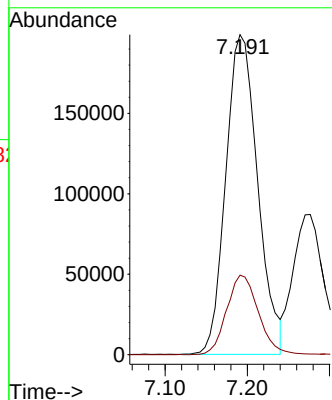
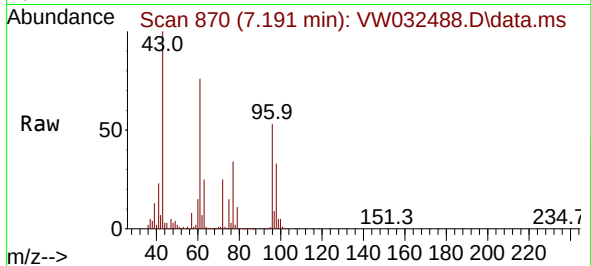




#25
2-Butanone
Concen: 276.369 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

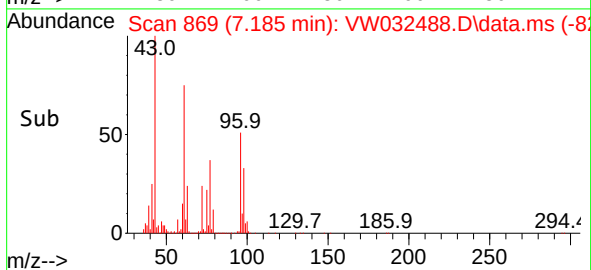
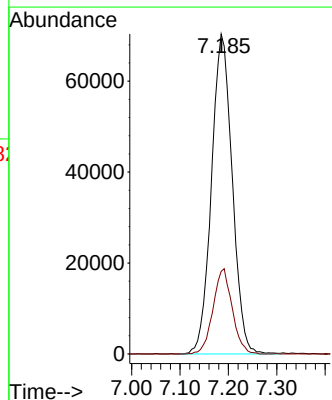
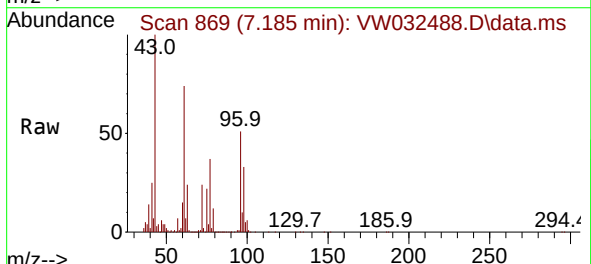
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

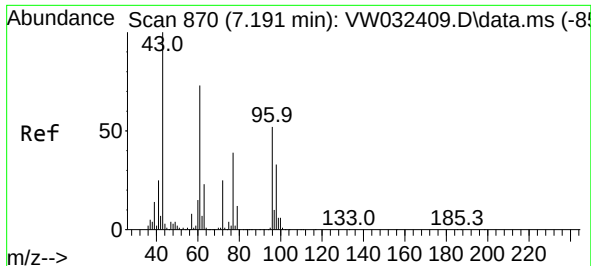
Tgt Ion: 43 Resp: 537330
Ion Ratio Lower Upper
43 100
72 24.8 20.0 30.0



#26
2,2-Dichloropropane
Concen: 47.770 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 77 Resp: 210029
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.8

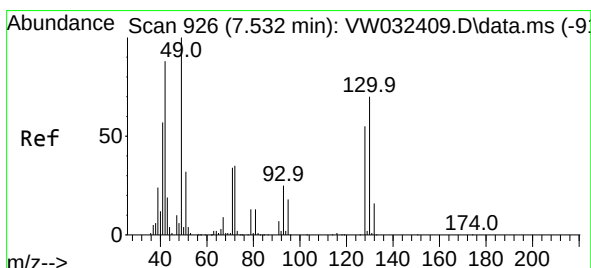
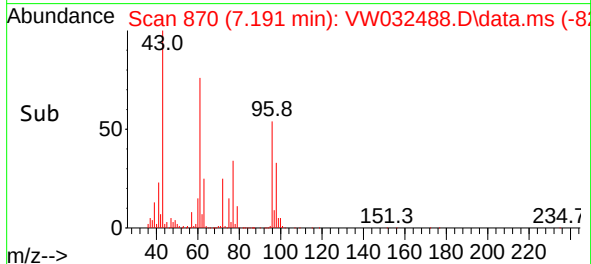
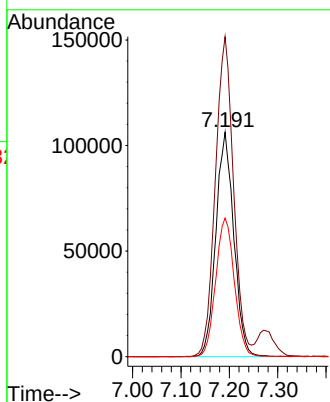
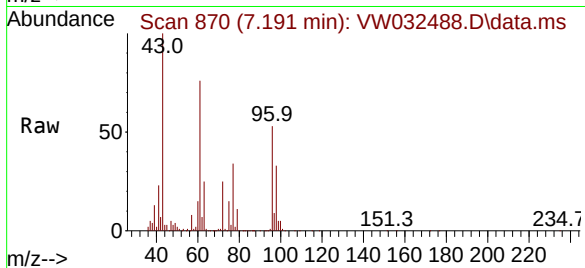




#27
 cis-1,2-Dichloroethene
 Concen: 54.617 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

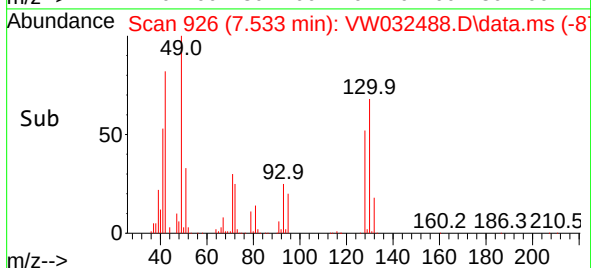
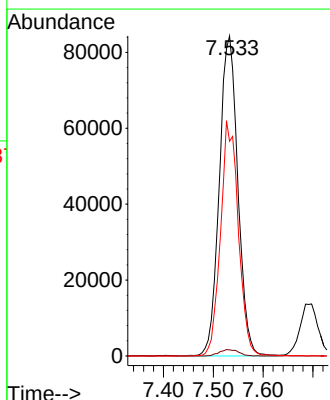
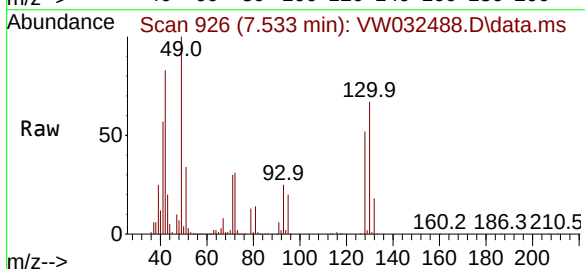
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

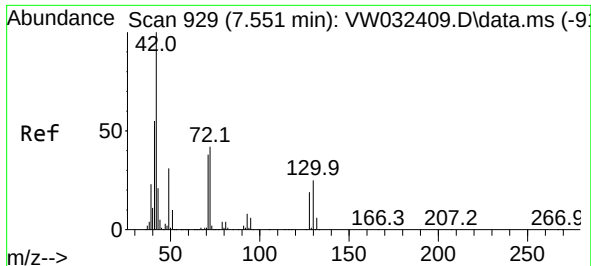
Tgt Ion: 96 Resp: 274427
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 282.6
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.425 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

Tgt Ion: 49 Resp: 217850
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 70.3 56.9 85.3





#29

Tetrahydrofuran

Concen: 292.536 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

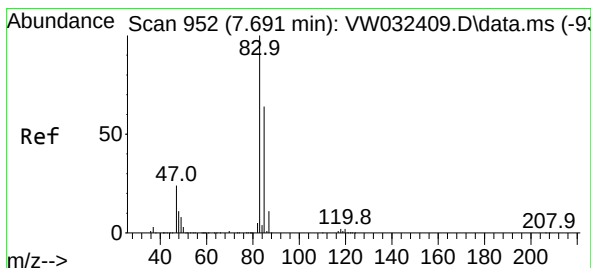
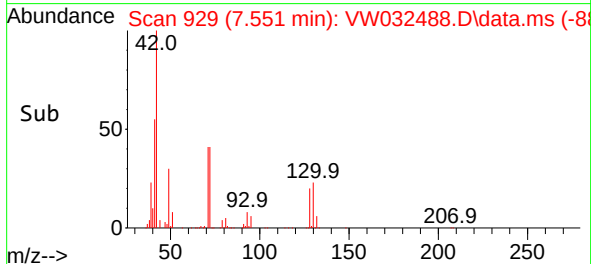
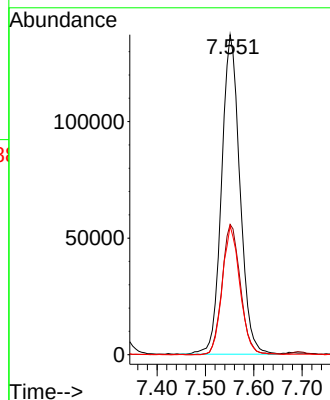
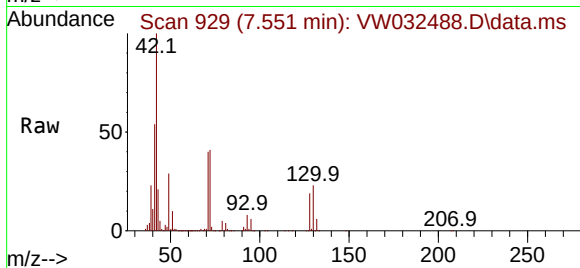
Tgt Ion: 42 Resp: 360997

Ion Ratio Lower Upper

42 100

72 40.9 33.6 50.4

71 38.9 31.4 47.0



#30

Chloroform

Concen: 56.228 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032488.D

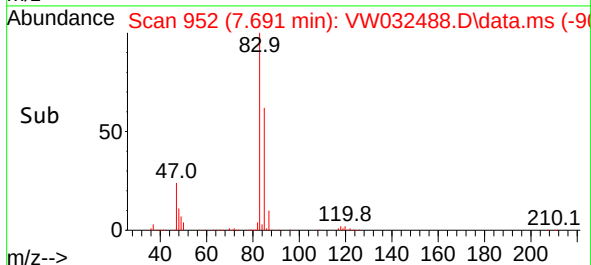
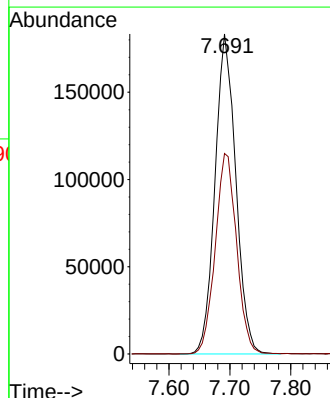
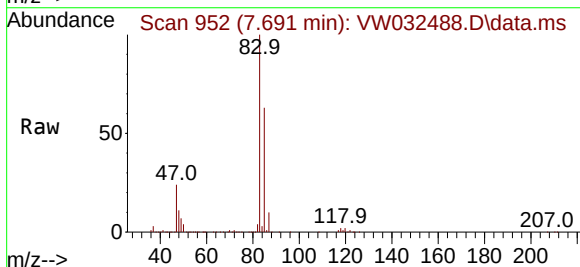
Acq: 18 Nov 2025 17:43

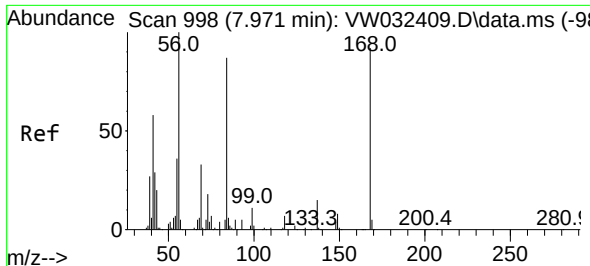
Tgt Ion: 83 Resp: 434251

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.4

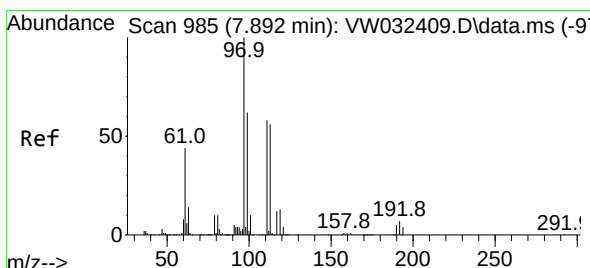
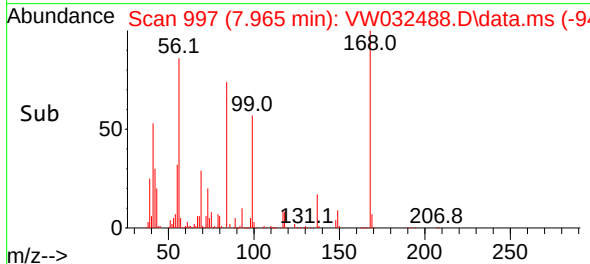
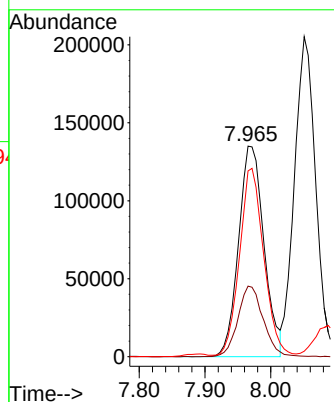
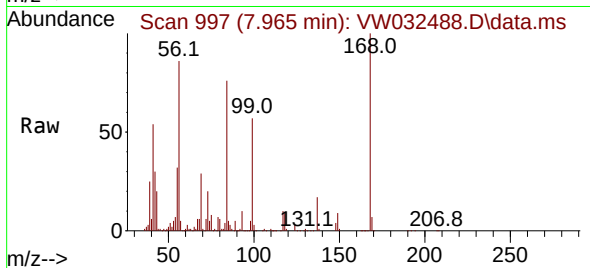




#31
Cyclohexane
Concen: 49.665 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

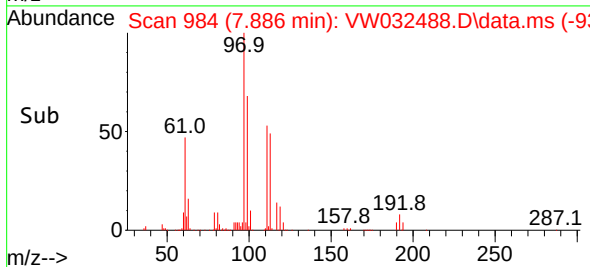
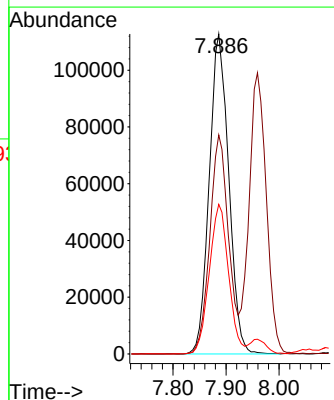
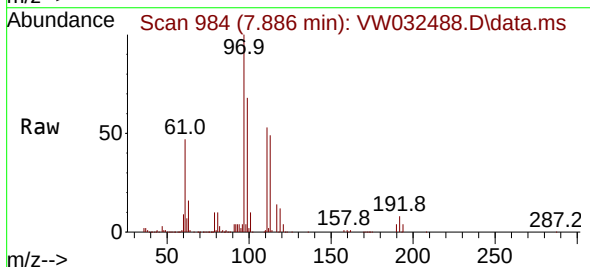
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

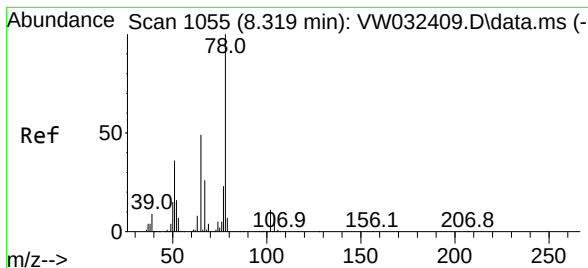
Tgt Ion: 56 Resp: 362438
Ion Ratio Lower Upper
56 100
69 33.5 26.5 39.7
84 87.8 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 52.097 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 97 Resp: 287424
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 46.5 35.5 53.3

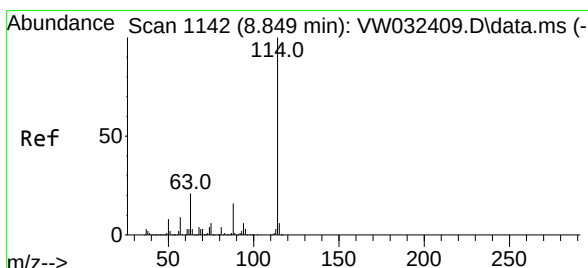
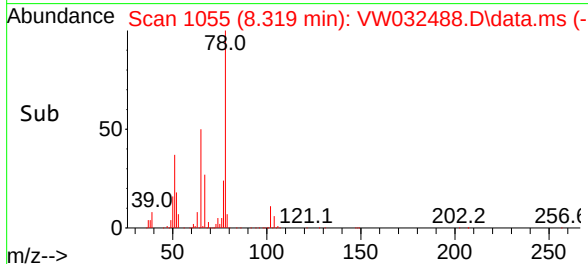
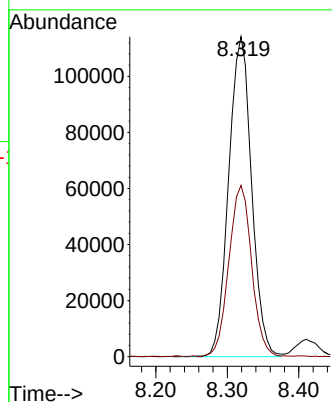
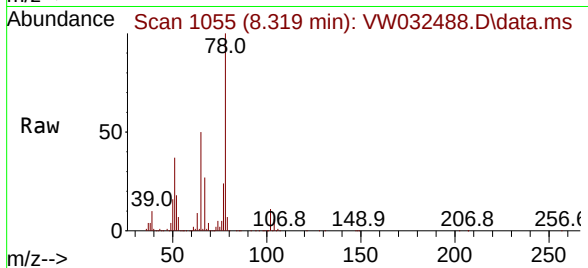




#33
 1,2-Dichloroethane-d4
 Concen: 57.512 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

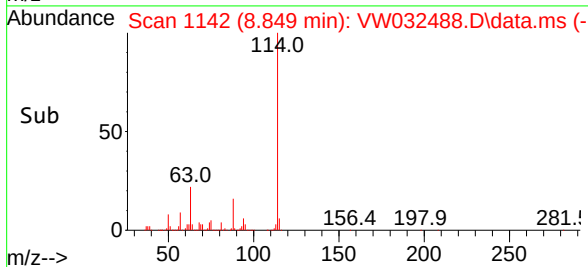
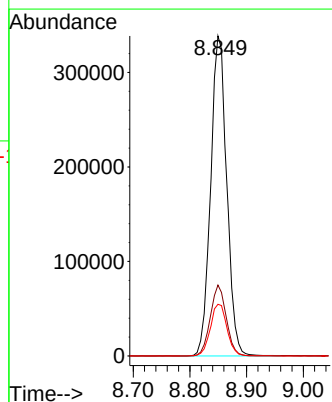
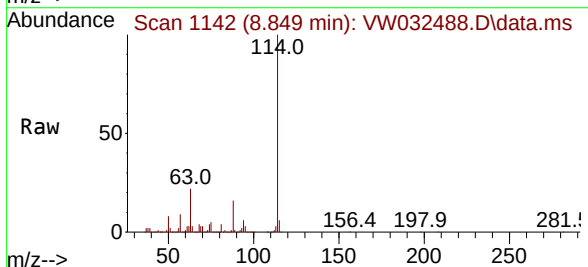
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

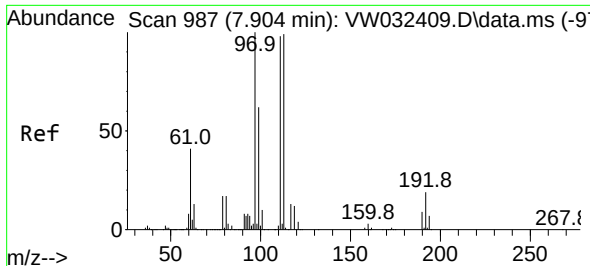
Tgt Ion: 65 Resp: 253690
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

Tgt Ion: 114 Resp: 668124
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.8
 88 16.1 0.0 32.6

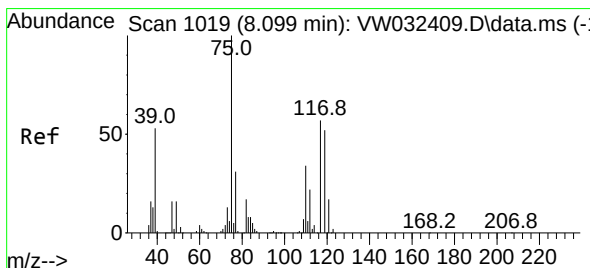
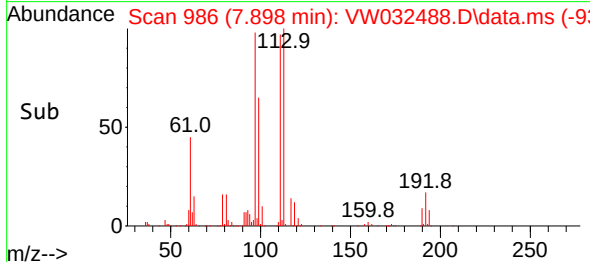
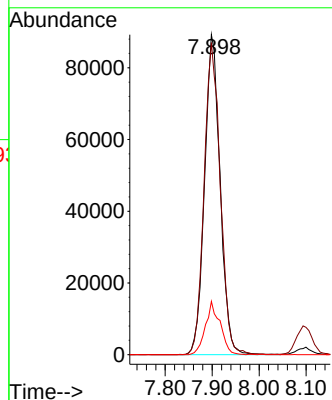
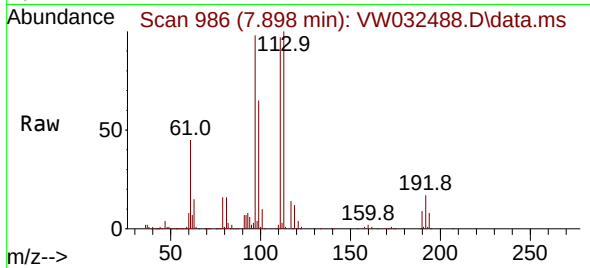




#35
Dibromofluoromethane
Concen: 51.375 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

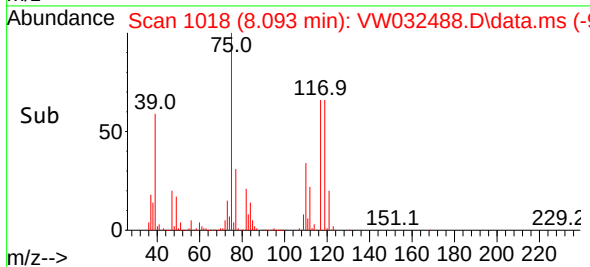
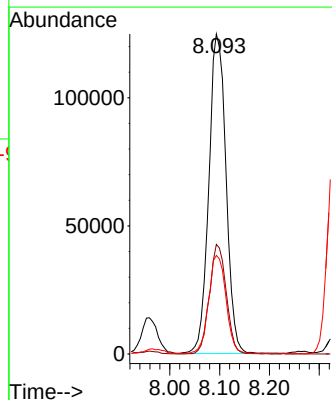
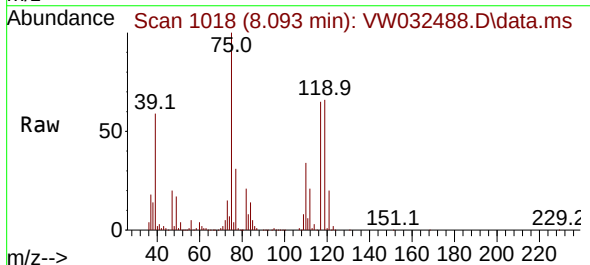
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

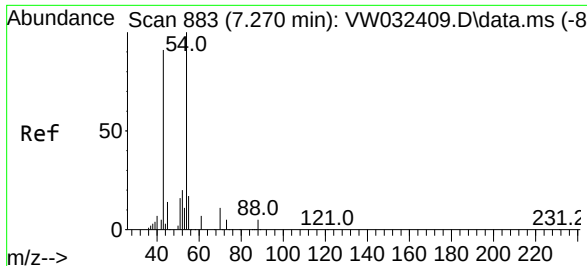
Tgt Ion:113 Resp: 205510
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 15.7 13.4 20.2



#36
1,1-Dichloropropene
Concen: 50.709 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 75 Resp: 298873
Ion Ratio Lower Upper
75 100
110 33.6 17.2 51.5
77 31.2 24.5 36.7

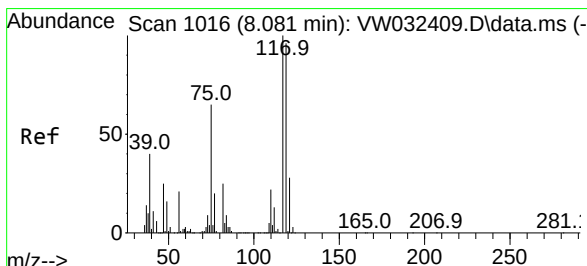
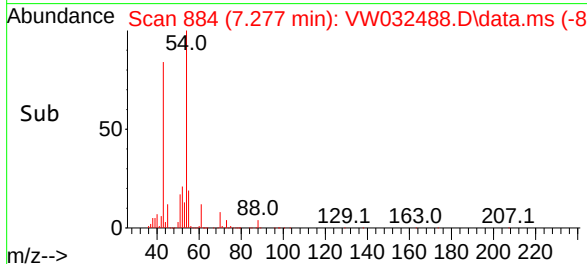
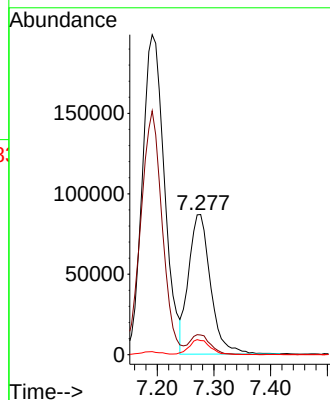
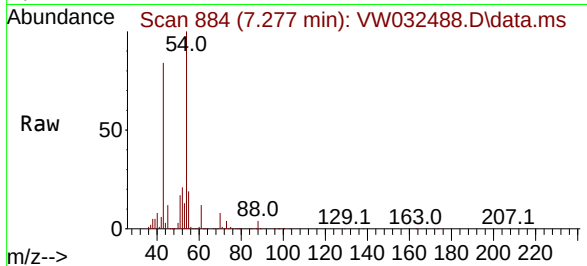




#37
Ethyl Acetate
Concen: 53.182 ug/l
RT: 7.277 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

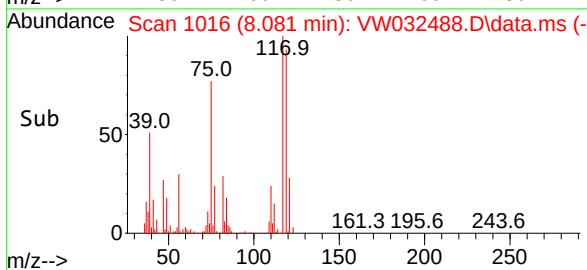
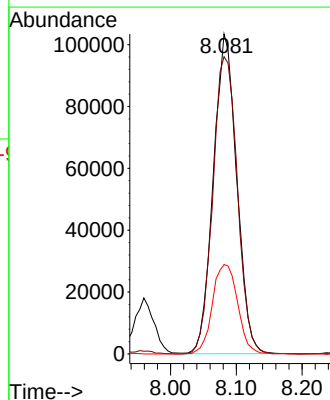
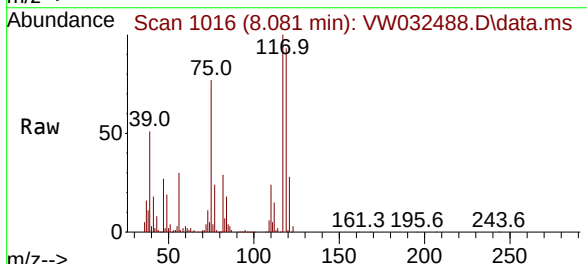
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

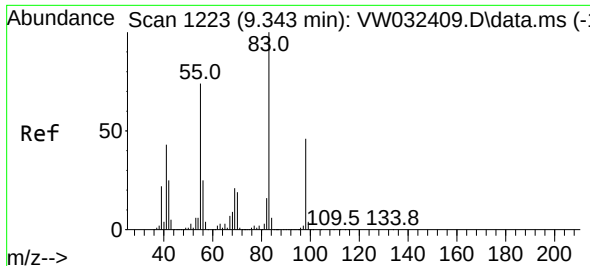
Tgt Ion: 43 Resp: 233082
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 48.812 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 117 Resp: 255626
Ion Ratio Lower Upper
117 100
119 93.0 77.0 115.4
121 28.0 22.0 33.0

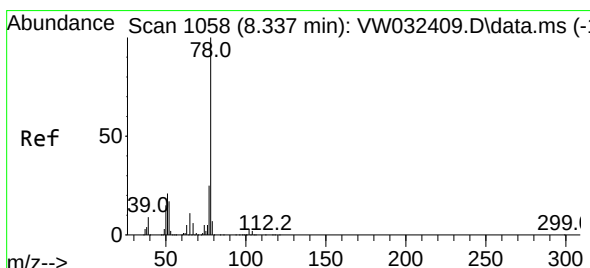
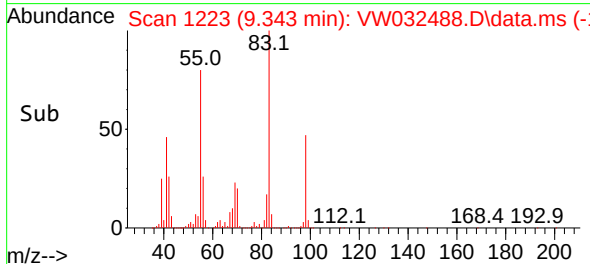
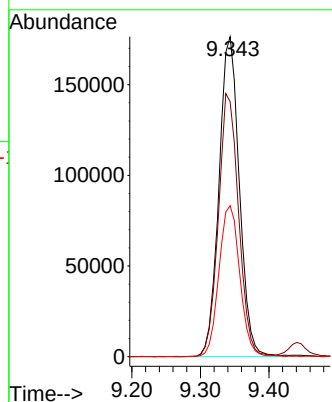
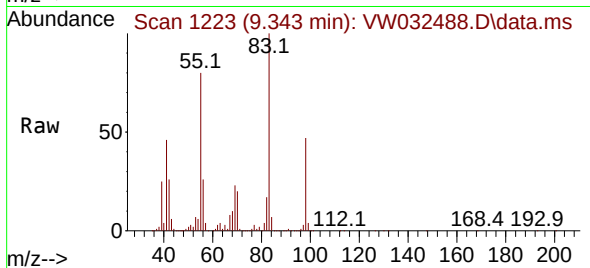




#39
Methylcyclohexane
Concen: 47.584 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

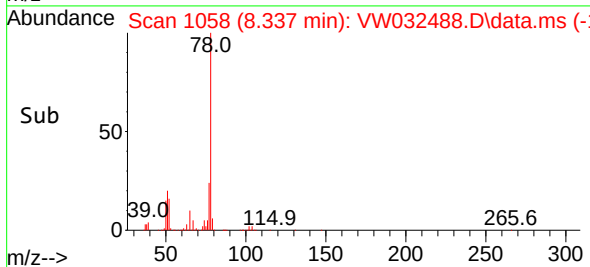
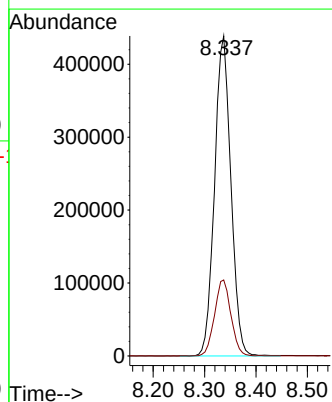
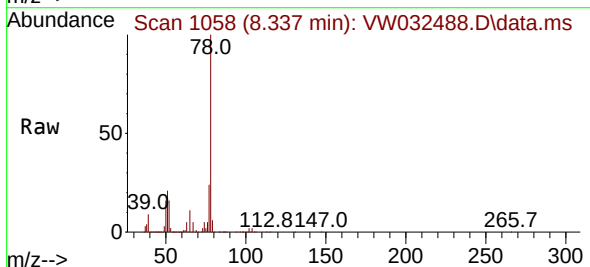
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

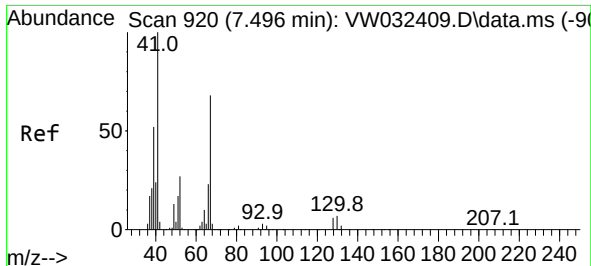
Tgt Ion: 83 Resp: 363319
Ion Ratio Lower Upper
83 100
55 79.6 59.2 88.8
98 47.2 36.6 54.8



#40
Benzene
Concen: 51.088 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 78 Resp: 969685
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4



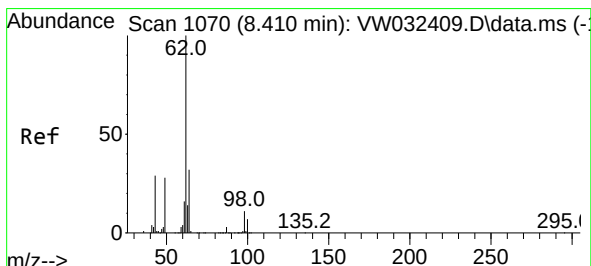
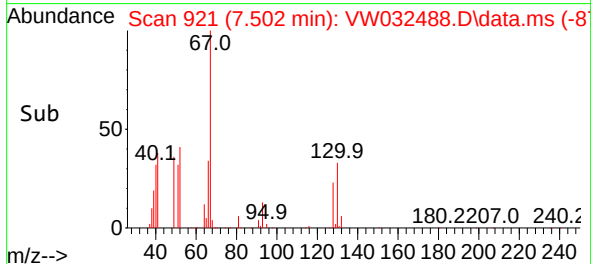
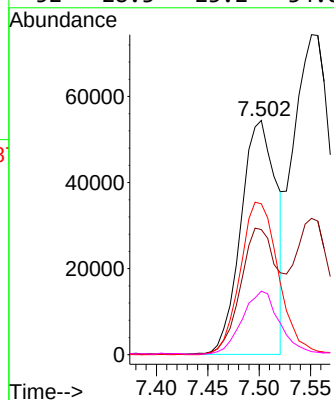
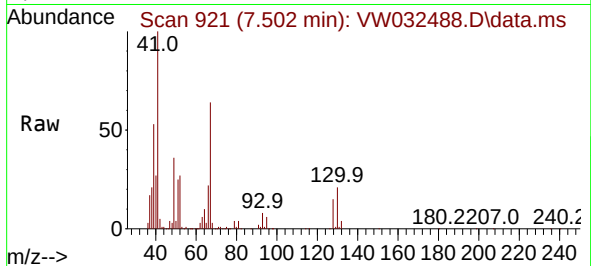


#41
Methacrylonitrile
Concen: 54.141 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 130347

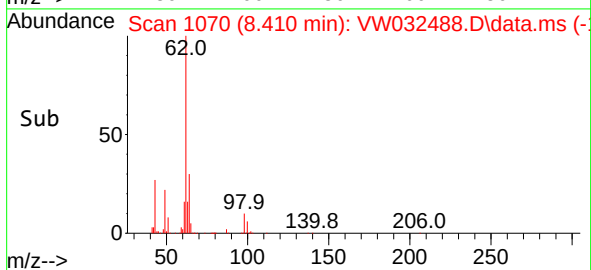
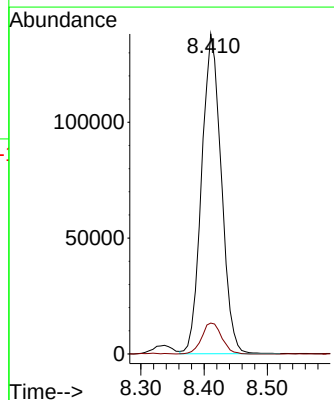
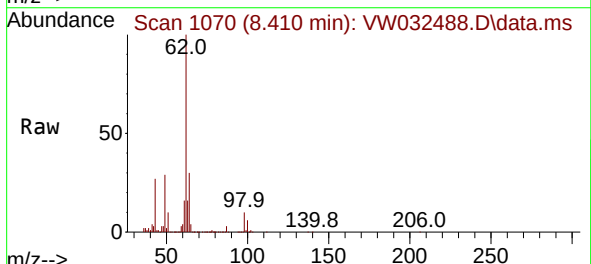
Ion	Ratio	Lower	Upper
41	100		
39	58.9	44.6	66.8
67	71.1	57.6	86.4
52	28.3	23.2	34.8

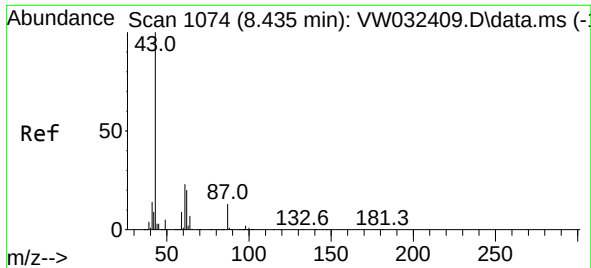


#42
1,2-Dichloroethane
Concen: 53.568 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 62 Resp: 298651

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.741 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

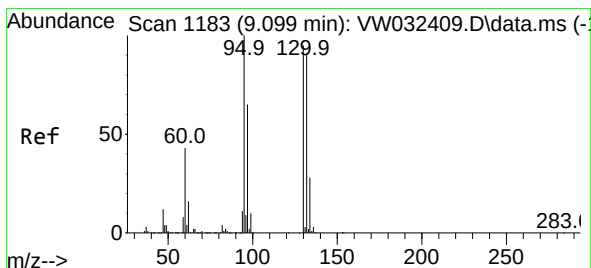
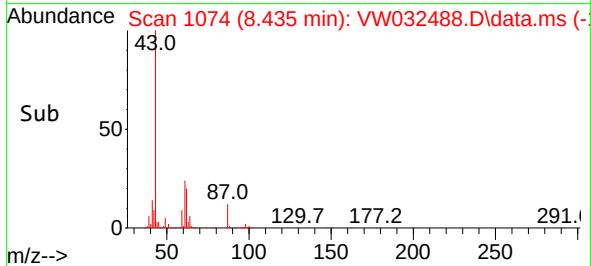
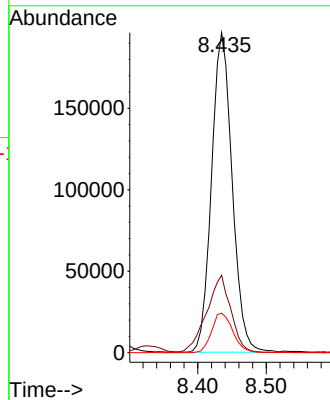
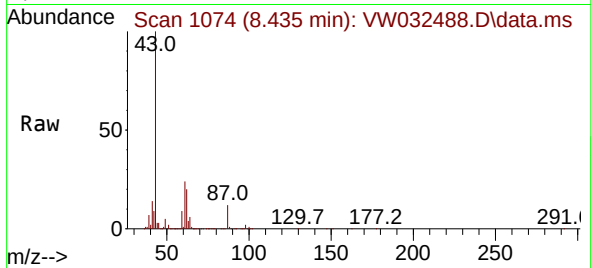
Tgt Ion: 43 Resp: 409294

Ion Ratio Lower Upper

43 100

61 28.5 22.6 33.8

87 12.8 10.6 15.8



#44

Trichloroethene

Concen: 49.281 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW032488.D

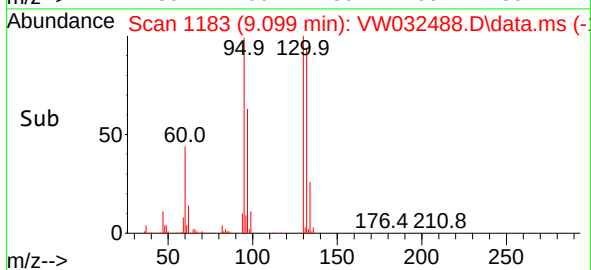
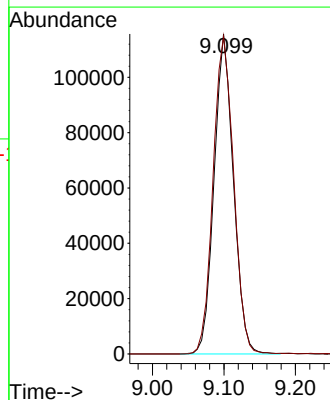
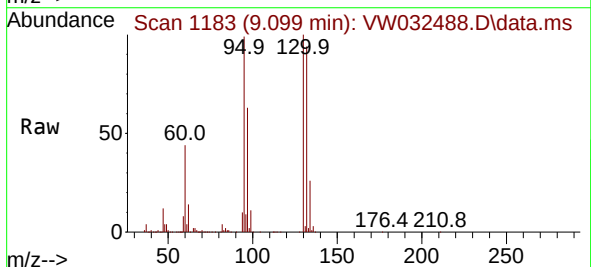
Acq: 18 Nov 2025 17:43

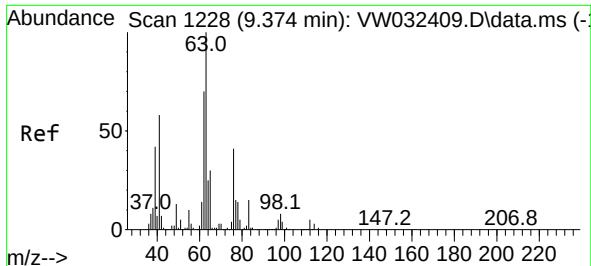
Tgt Ion:130 Resp: 217655

Ion Ratio Lower Upper

130 100

95 99.3 0.0 209.6

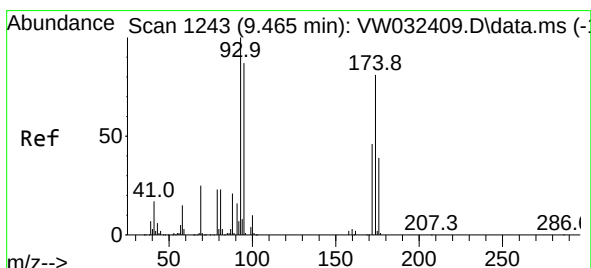
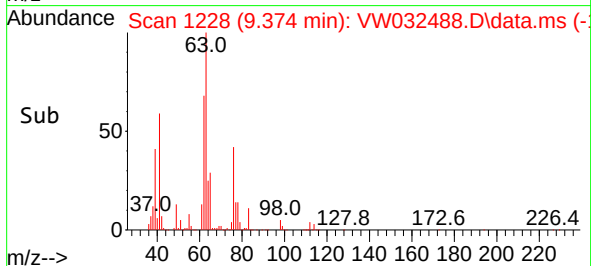
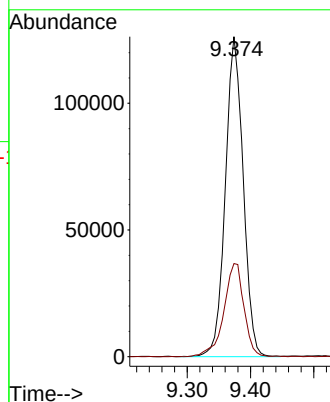
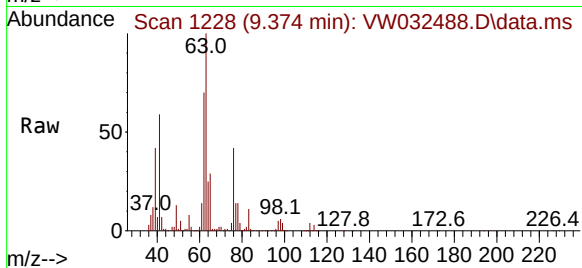




#45
1,2-Dichloropropane
Concen: 52.268 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

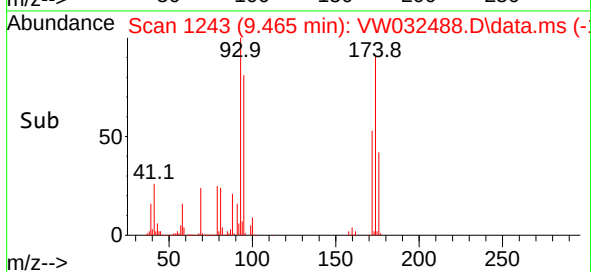
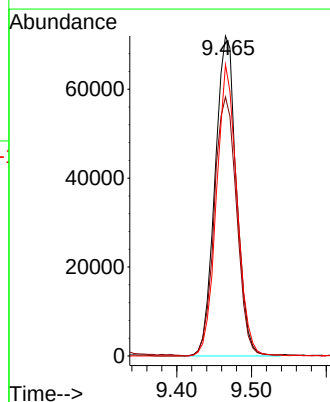
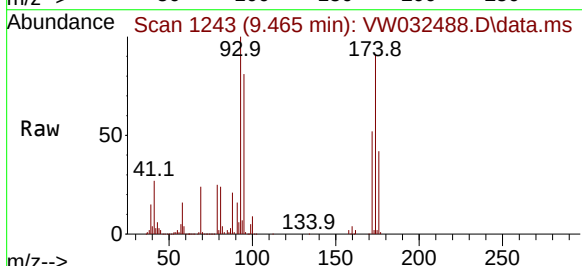
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

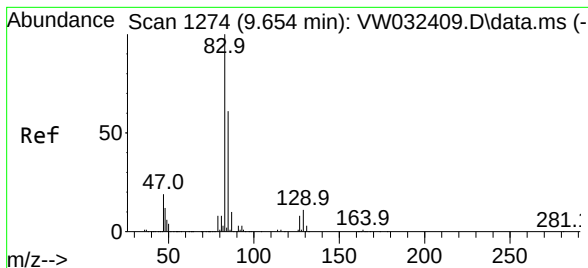
Tgt Ion: 63 Resp: 247027
Ion Ratio Lower Upper
63 100
65 29.1 24.4 36.6



#46
Dibromomethane
Concen: 52.003 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 93 Resp: 143623
Ion Ratio Lower Upper
93 100
95 84.6 67.1 100.7
174 87.7 68.2 102.4





#47

Bromodichloromethane

Concen: 52.469 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

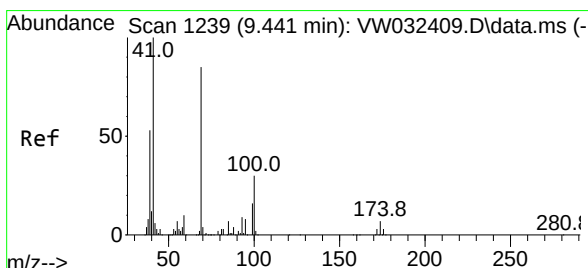
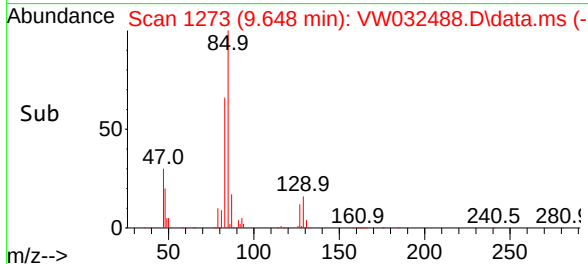
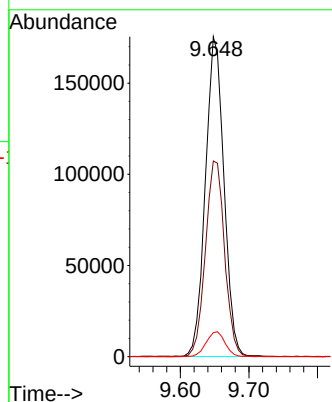
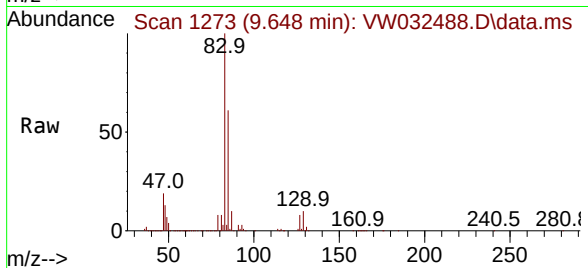
Tgt Ion: 83 Resp: 330551

Ion Ratio Lower Upper

83 100

85 61.1 48.7 73.1

127 7.5 6.3 9.5



#48

Methyl methacrylate

Concen: 52.348 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

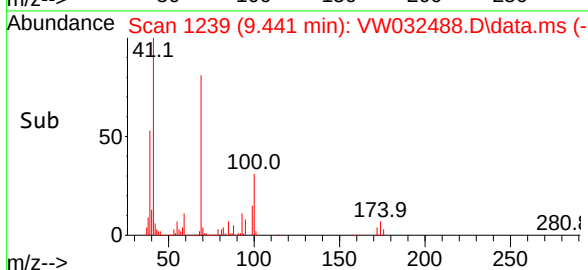
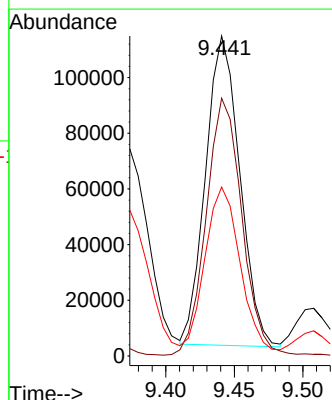
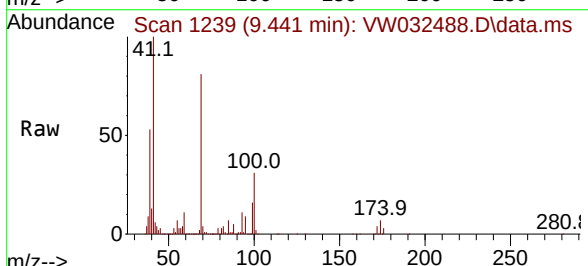
Tgt Ion: 41 Resp: 193041

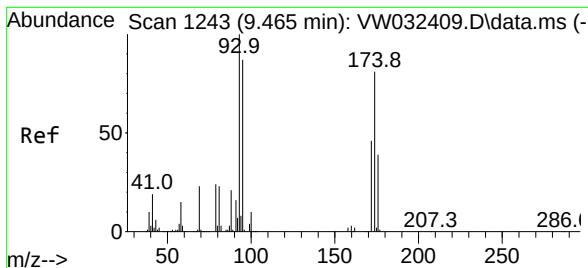
Ion Ratio Lower Upper

41 100

69 87.1 65.8 98.6

39 57.2 38.6 57.8





#49

1,4-Dioxane

Concen: 1116.938 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

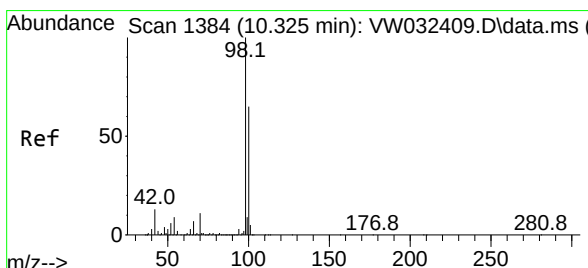
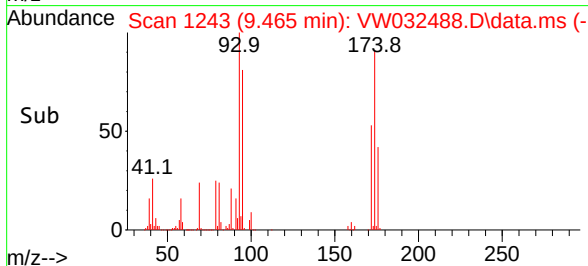
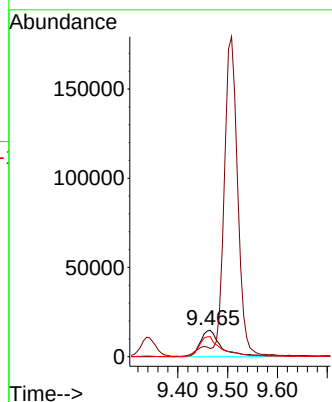
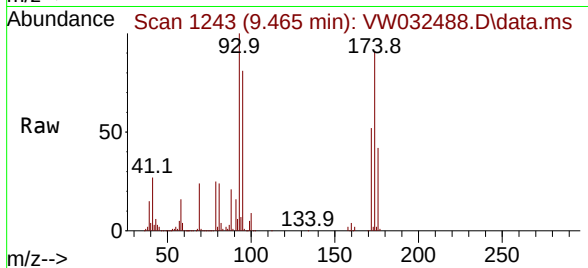
Tgt Ion: 88 Resp: 43214

Ion Ratio Lower Upper

88 100

43 25.7 0.0 0.0#

58 82.1 63.0 94.4



#50

Toluene-d8

Concen: 52.006 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032488.D

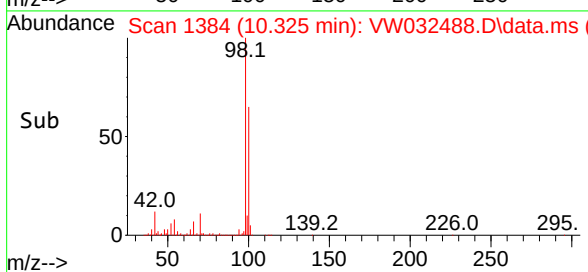
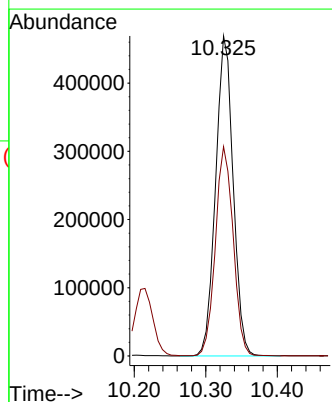
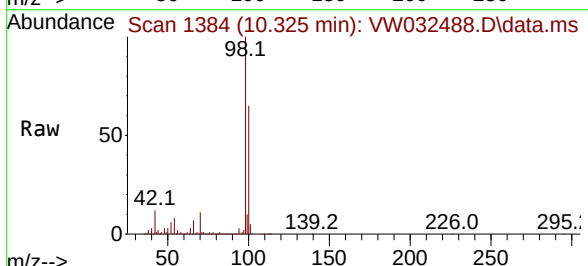
Acq: 18 Nov 2025 17:43

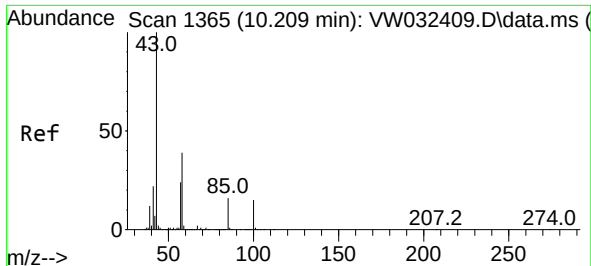
Tgt Ion: 98 Resp: 798093

Ion Ratio Lower Upper

98 100

100 66.4 53.3 79.9

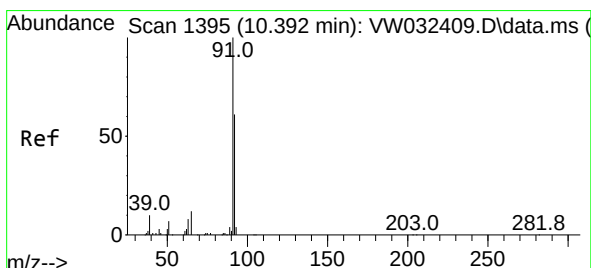
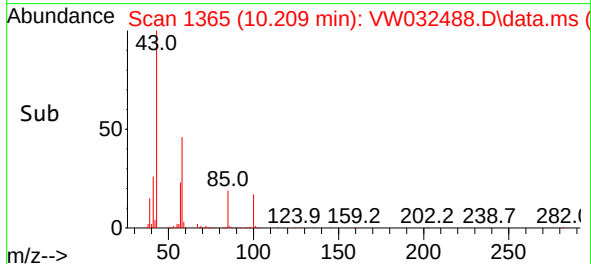
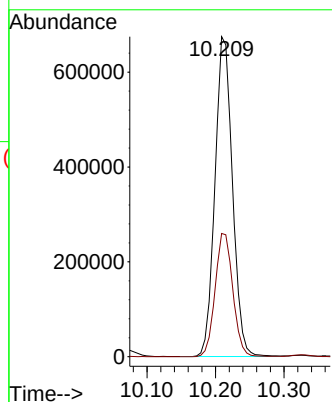
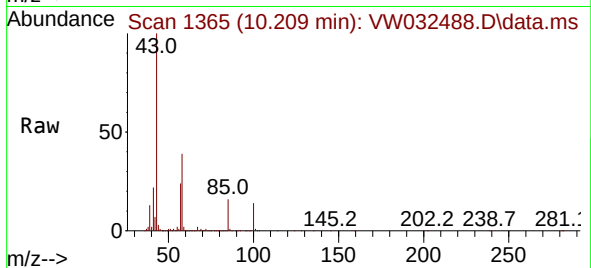




#51
4-Methyl-2-Pentanone
Concen: 279.118 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

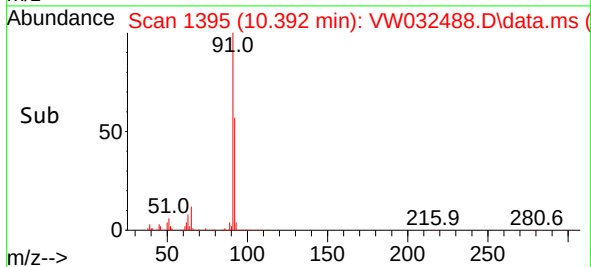
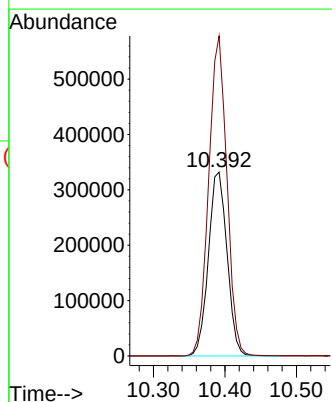
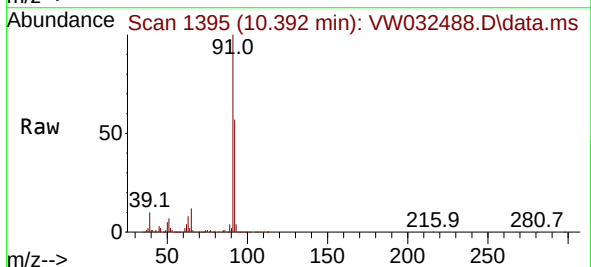
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

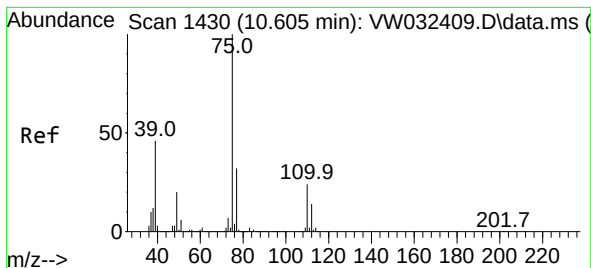
Tgt Ion: 43 Resp: 1197453
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 51.222 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 92 Resp: 600531
Ion Ratio Lower Upper
92 100
91 170.3 136.6 205.0

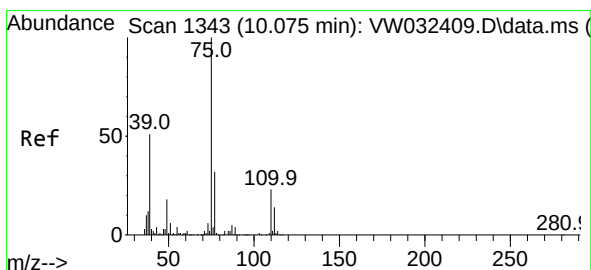
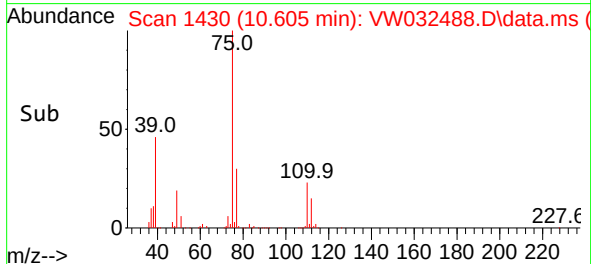
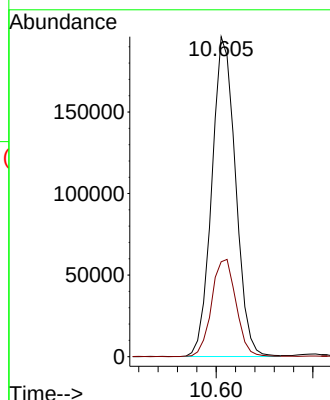
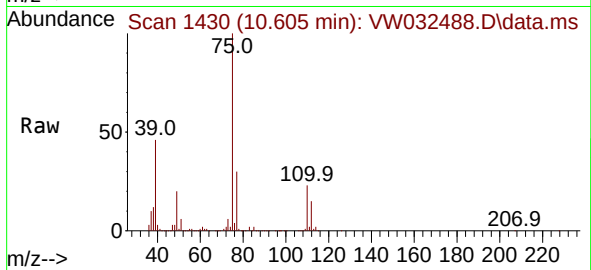




#53
t-1,3-Dichloropropene
Concen: 51.526 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

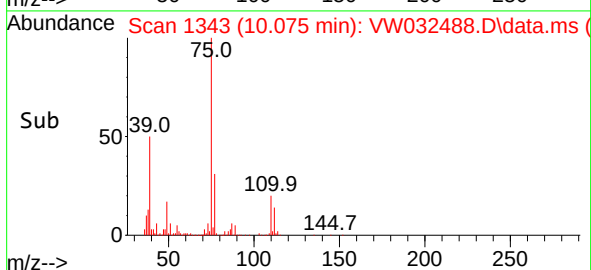
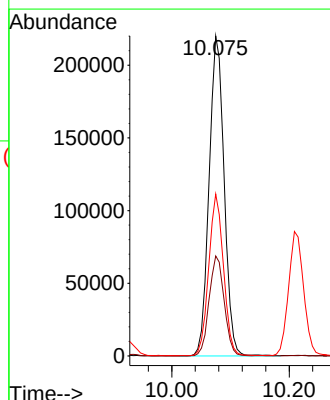
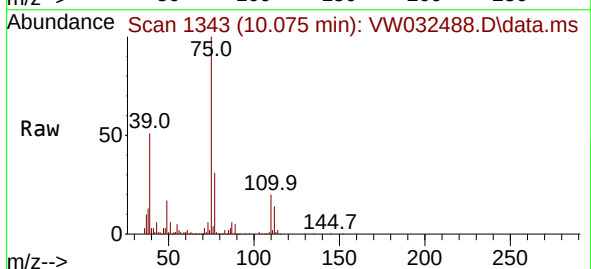
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

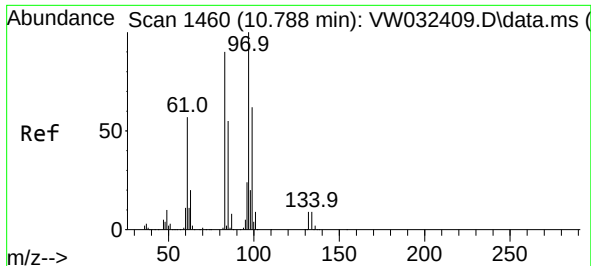
Tgt Ion: 75 Resp: 334311
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.279 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 75 Resp: 392259
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 50.5 40.7 61.1

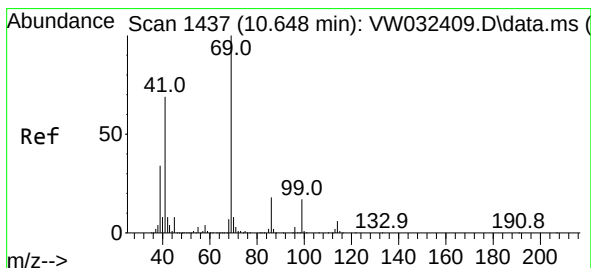
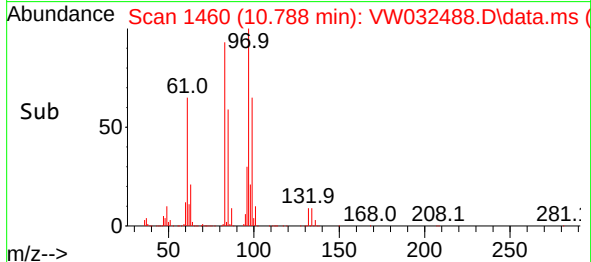
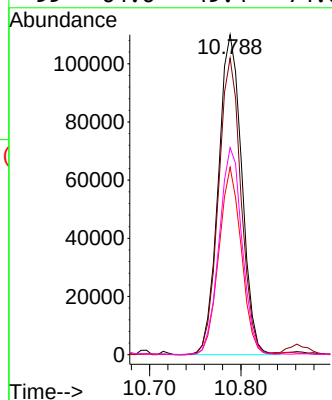
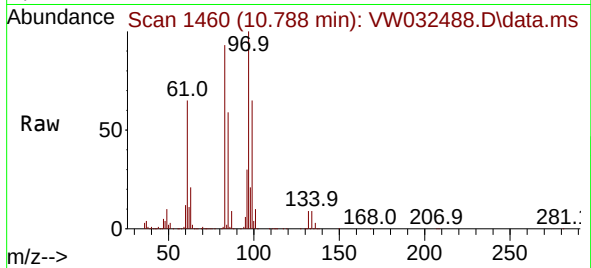




#55
1,1,2-Trichloroethane
Concen: 51.848 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

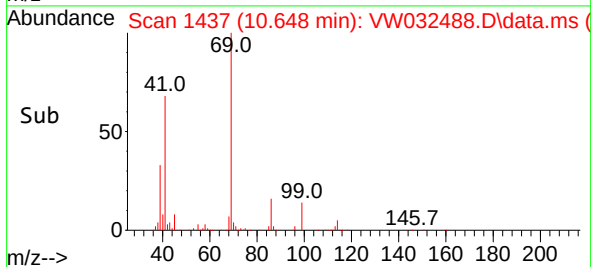
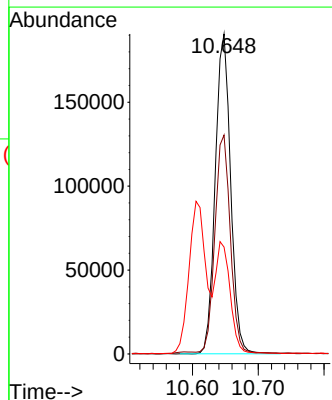
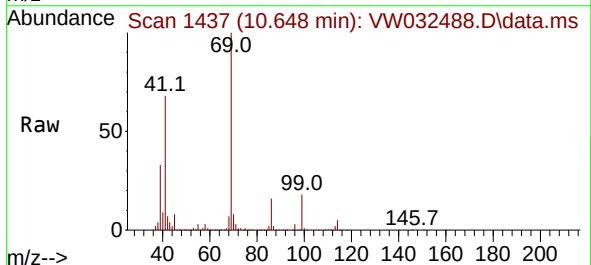
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

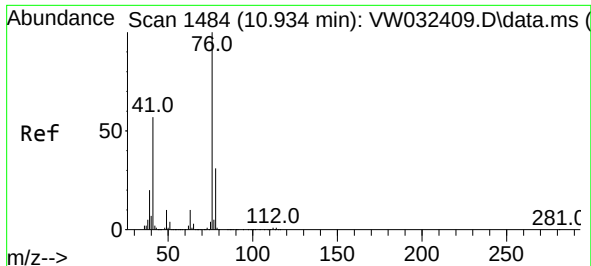
Tgt Ion:	97	Resp:	196440
Ion	Ratio	Lower	Upper
97	100		
83	92.7	72.2	108.4
85	58.6	43.8	65.8
99	64.6	49.4	74.0



#56
Ethyl methacrylate
Concen: 53.475 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:	69	Resp:	310865
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.4	81.6
39	32.2	25.4	38.0

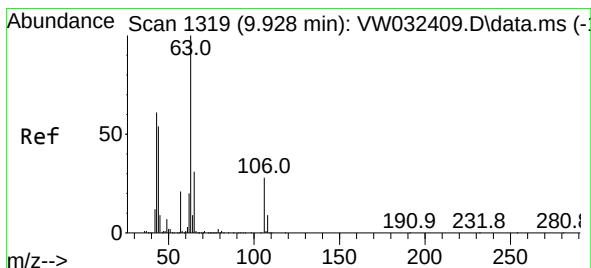
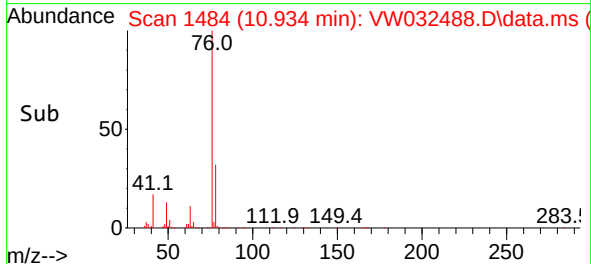
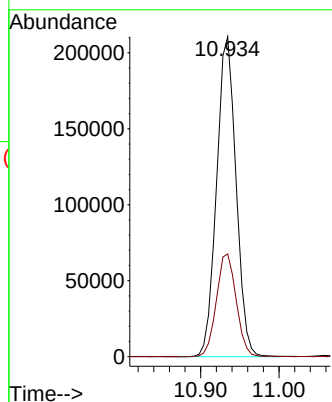
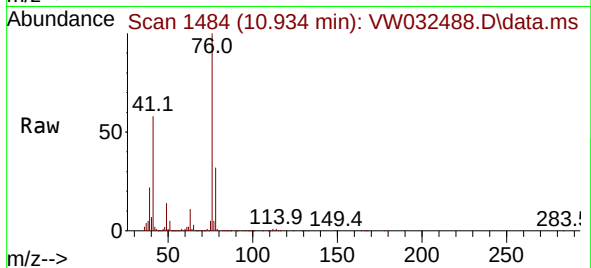




#57
1,3-Dichloropropane
Concen: 53.692 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

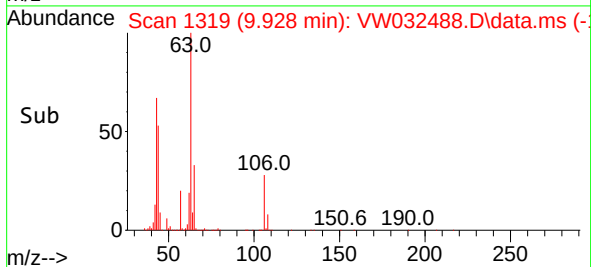
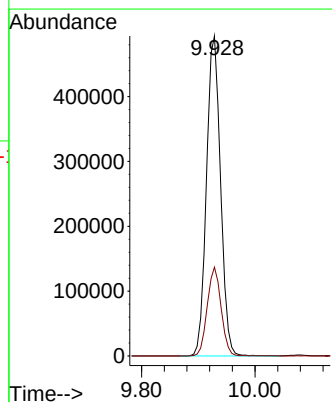
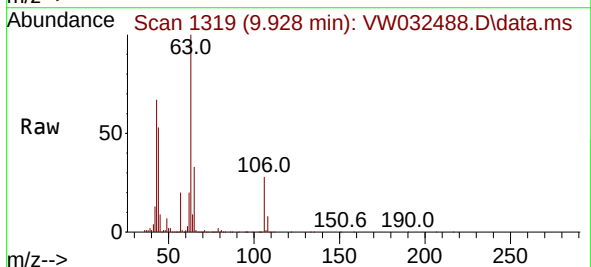
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

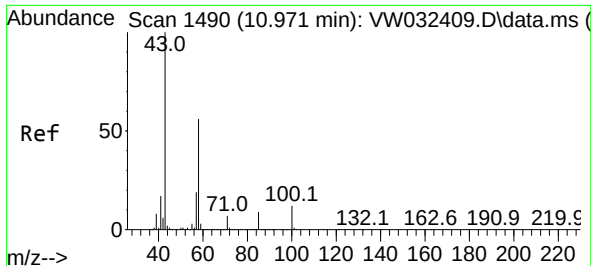
Tgt Ion: 76 Resp: 363329
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 274.001 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 63 Resp: 848264
Ion Ratio Lower Upper
63 100
106 27.3 22.0 33.0

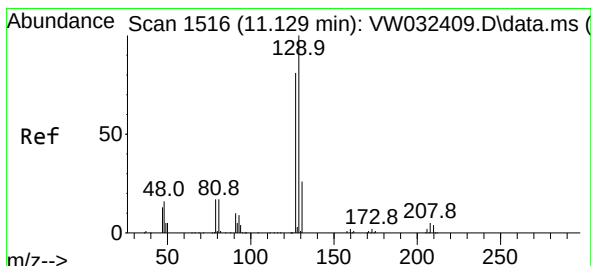
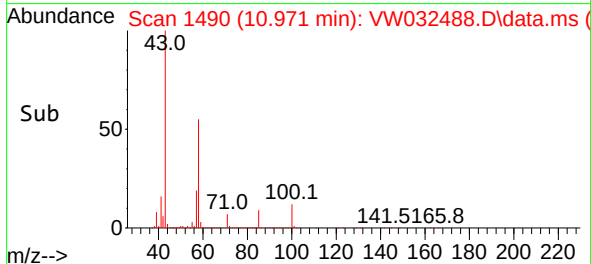
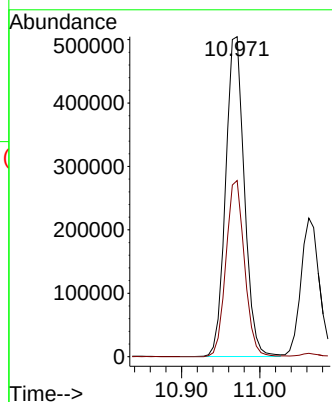
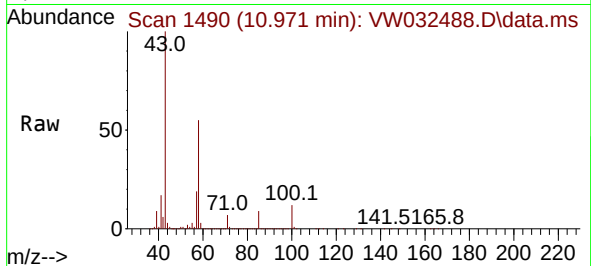




#59
2-Hexanone
Concen: 267.123 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

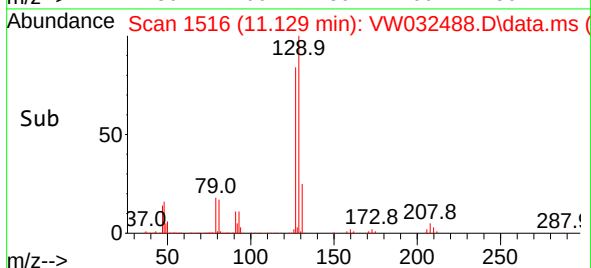
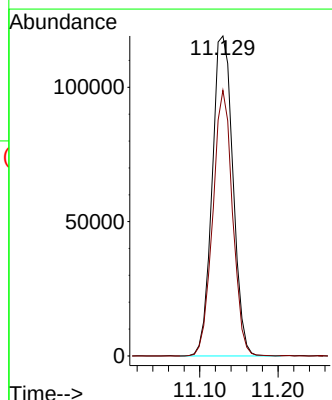
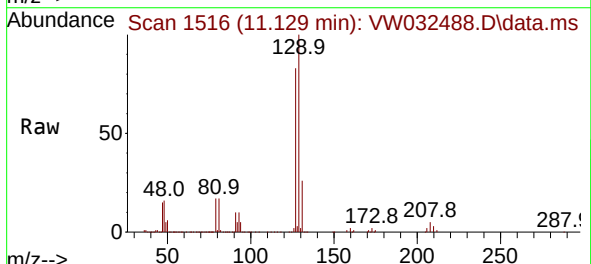
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

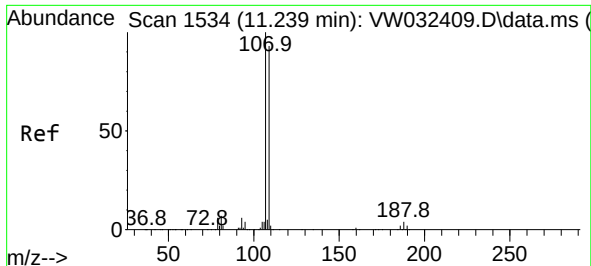
Tgt Ion: 43 Resp: 838450
Ion Ratio Lower Upper
43 100
58 54.7 27.4 82.2



#60
Dibromochloromethane
Concen: 51.990 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 129 Resp: 219971
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

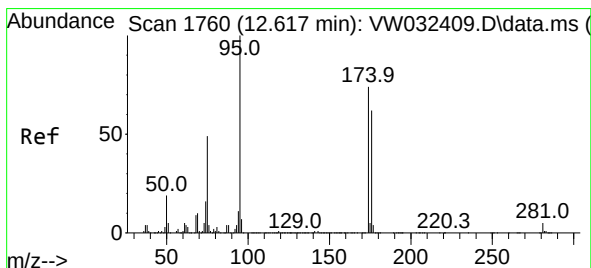
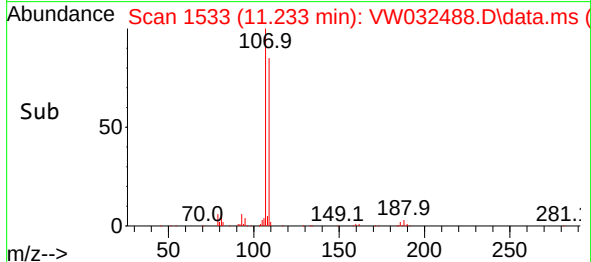
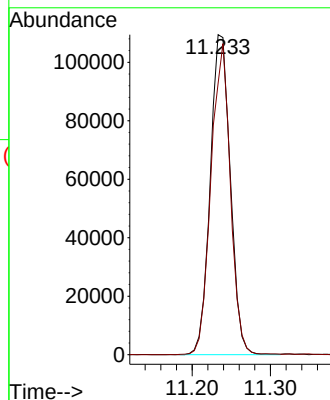
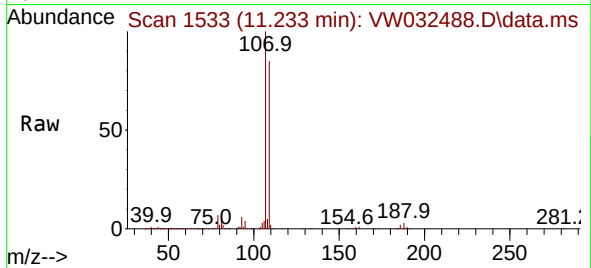




#61
1,2-Dibromoethane
Concen: 52.844 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

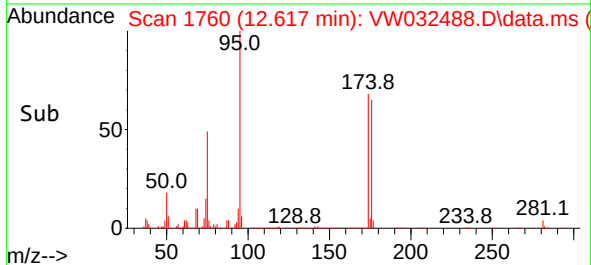
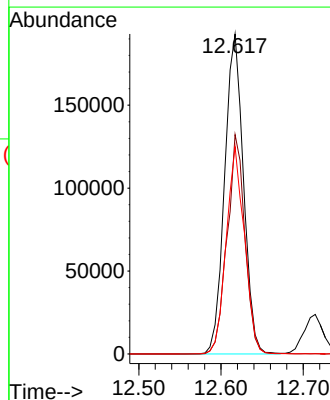
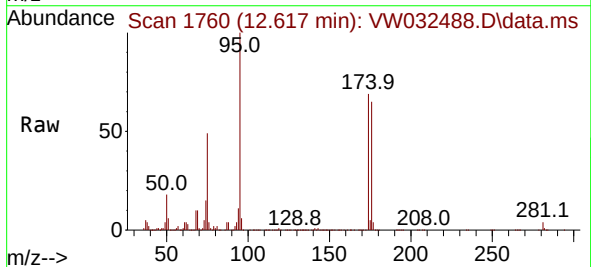
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

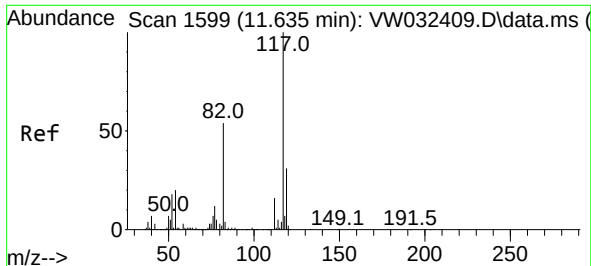
Tgt Ion:107 Resp: 195000
Ion Ratio Lower Upper
107 100
109 93.9 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.945 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 95 Resp: 306932
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.4
176 63.2 0.0 131.8

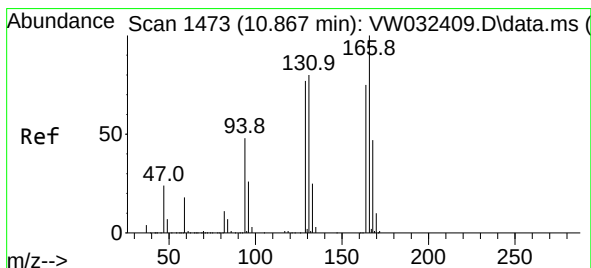
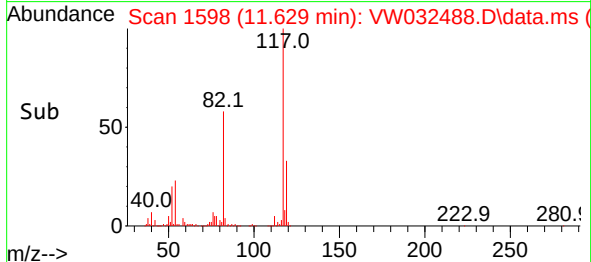
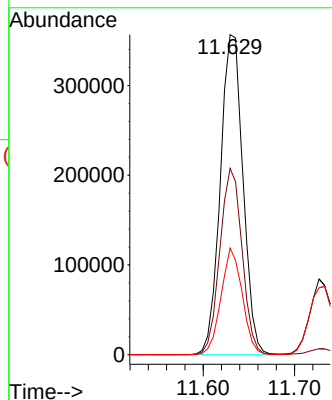
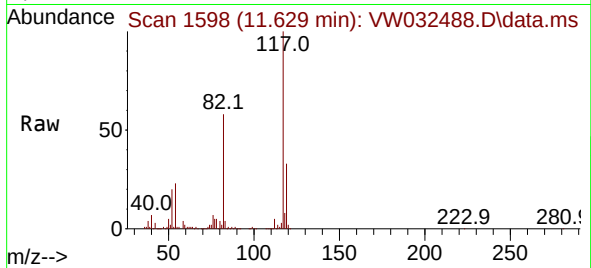




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

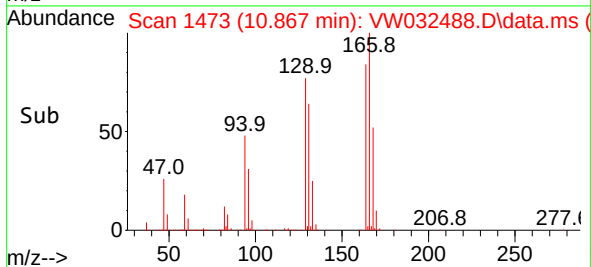
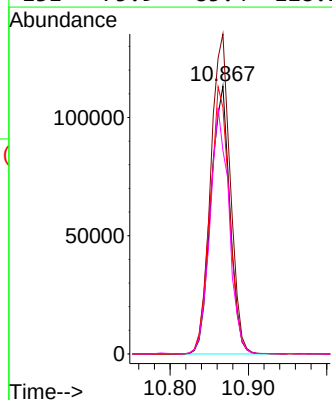
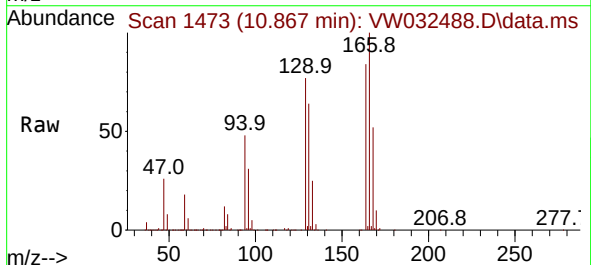
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

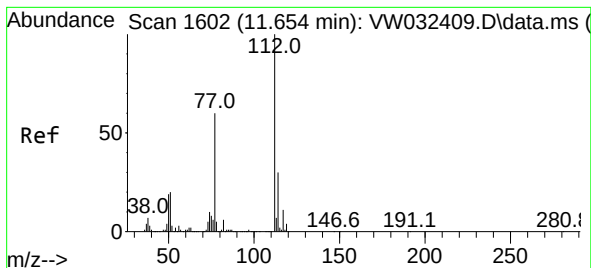
Tgt Ion:117 Resp: 614970
Ion Ratio Lower Upper
117 100
82 58.2 43.0 64.4
119 33.3 25.0 37.6



#64
Tetrachloroethene
Concen: 52.407 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:164 Resp: 190851
Ion Ratio Lower Upper
164 100
166 119.5 107.0 160.4
129 92.0 82.9 124.3
131 75.9 85.4 128.2#

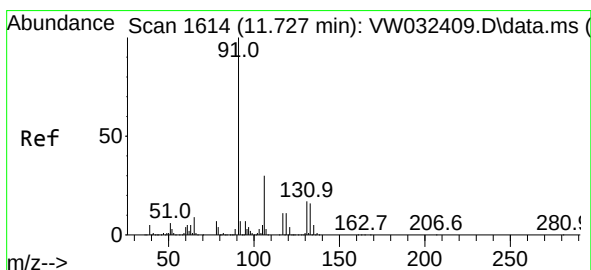
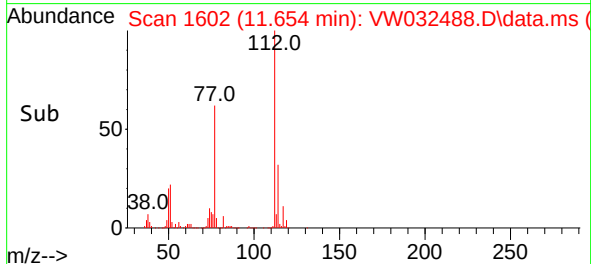
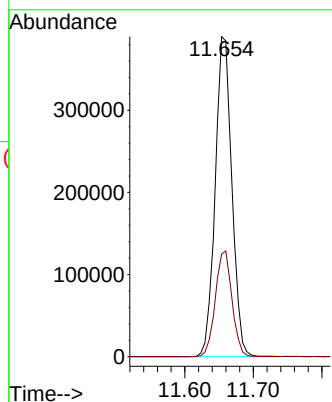
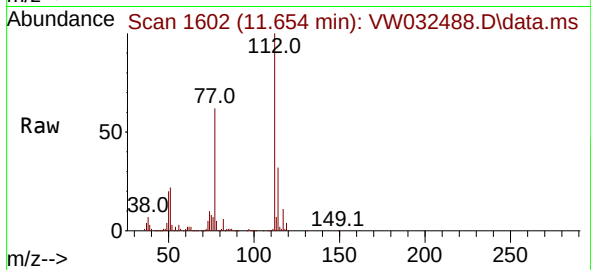




#65
Chlorobenzene
Concen: 49.438 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

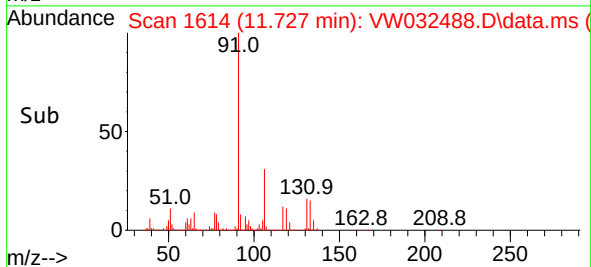
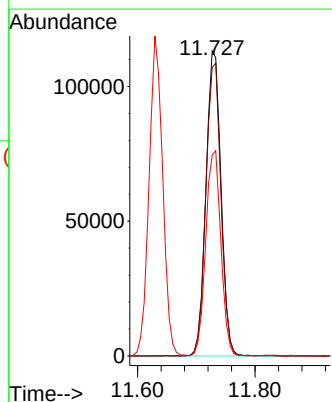
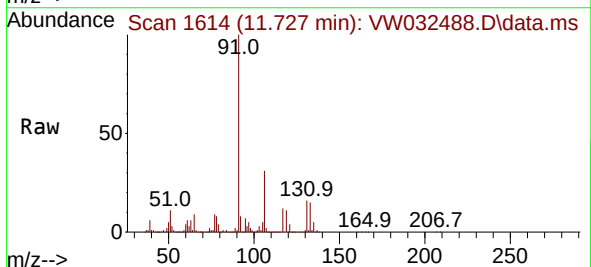
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

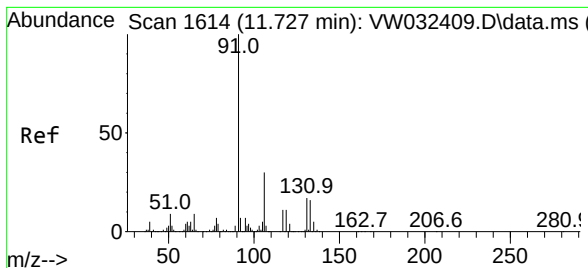
Tgt Ion:112 Resp: 655294
Ion Ratio Lower Upper
112 100
114 32.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.176 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:131 Resp: 201727
Ion Ratio Lower Upper
131 100
133 95.9 46.9 140.6
119 67.7 33.4 100.2

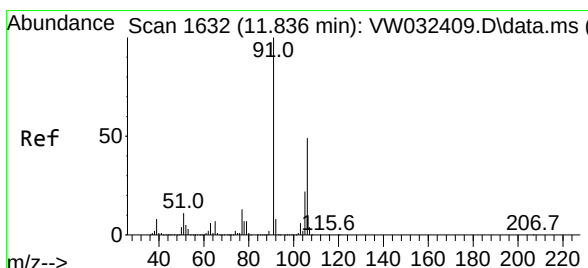
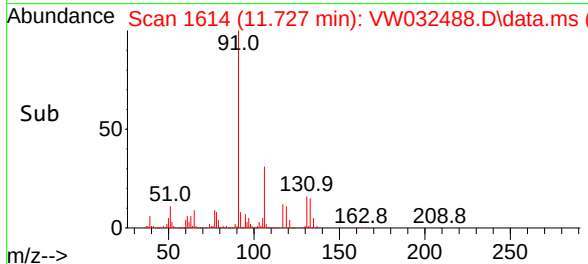
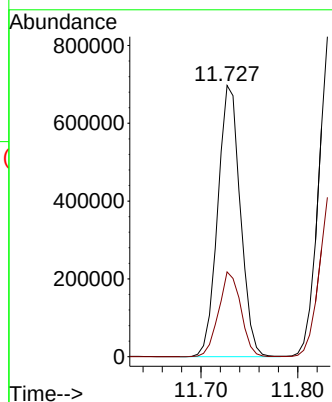
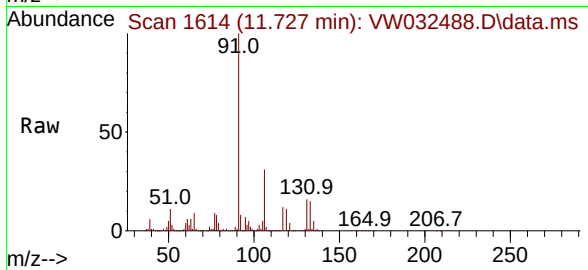




#67
Ethyl Benzene
Concen: 49.238 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

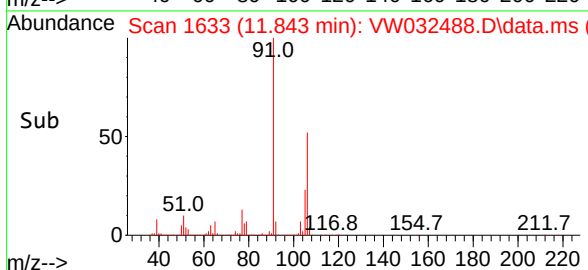
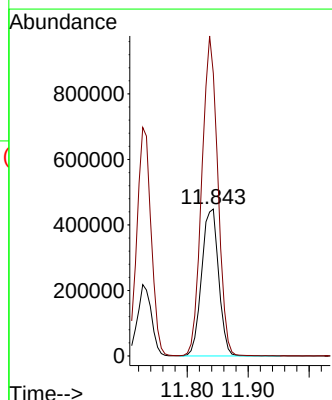
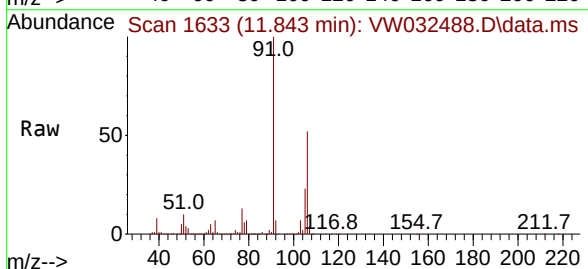
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

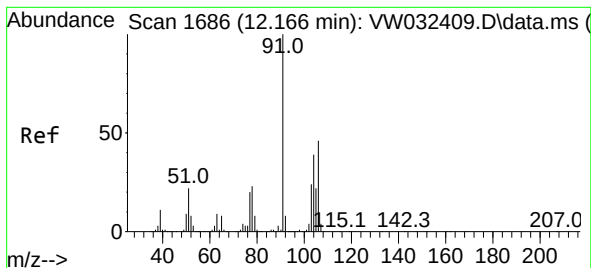
Tgt Ion: 91 Resp: 1129243
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



#68
m/p-Xylenes
Concen: 101.022 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:106 Resp: 869904
Ion Ratio Lower Upper
106 100
91 205.0 165.5 248.3

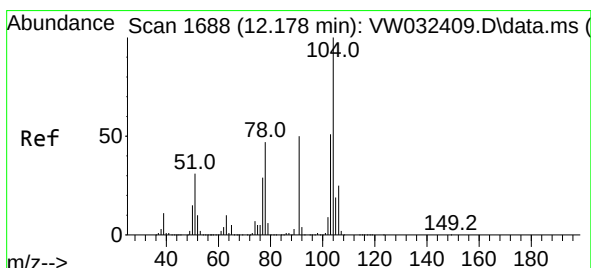
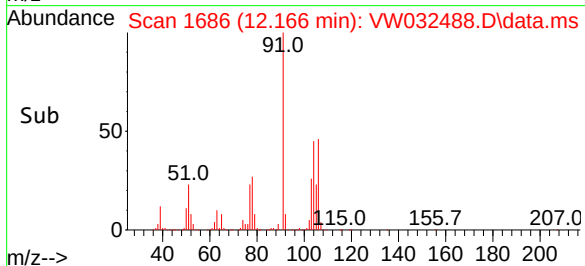
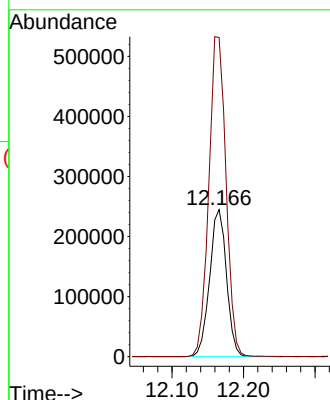
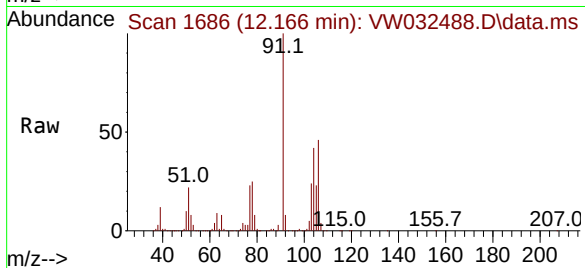




#69
o-Xylene
Concen: 48.604 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

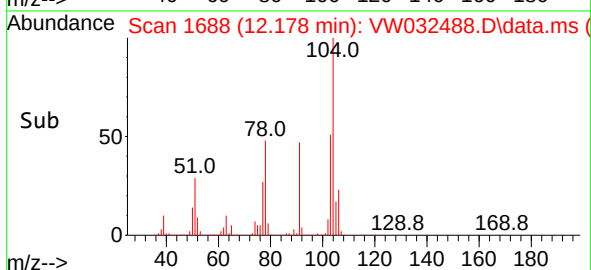
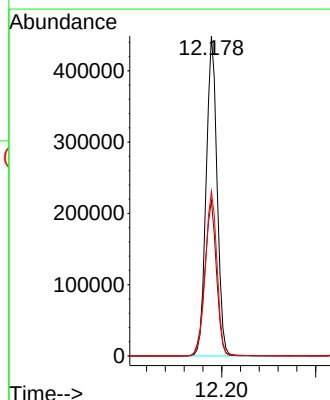
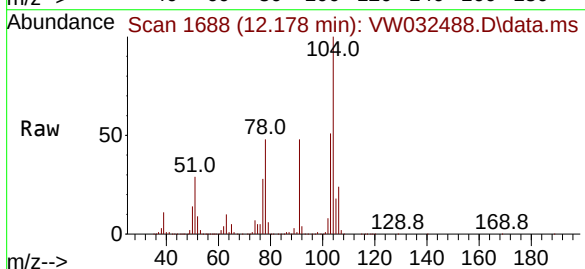
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

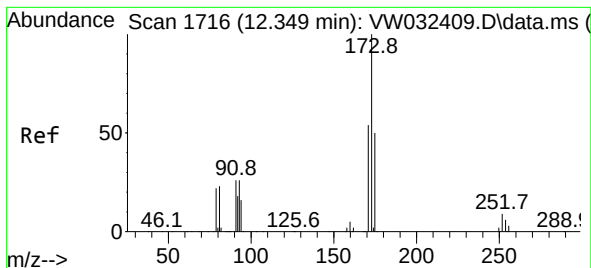
Tgt Ion:106 Resp: 400742
Ion Ratio Lower Upper
106 100
91 222.1 109.3 327.8



#70
Styrene
Concen: 50.883 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:104 Resp: 721699
Ion Ratio Lower Upper
104 100
78 51.7 40.7 61.1
103 55.2 43.9 65.9





#71

Bromoform

Concen: 50.424 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

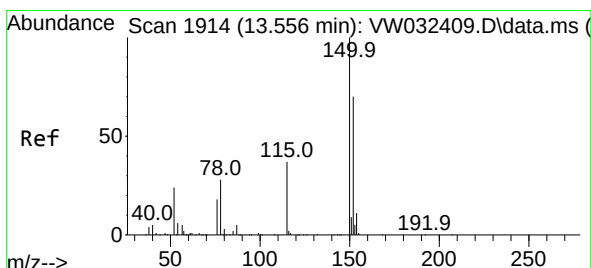
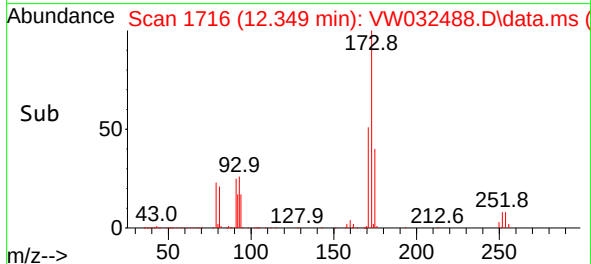
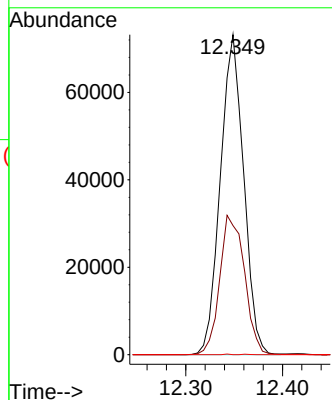
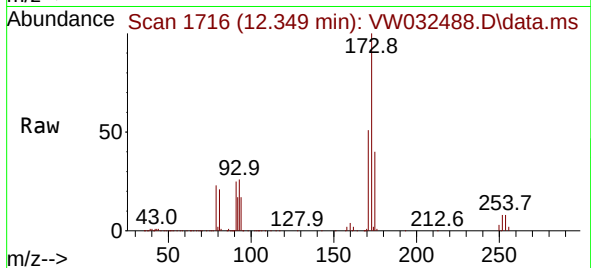
Tgt Ion:173 Resp: 122517

Ion Ratio Lower Upper

173 100

175 46.2 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: VW032488.D

Acq: 18 Nov 2025 17:43

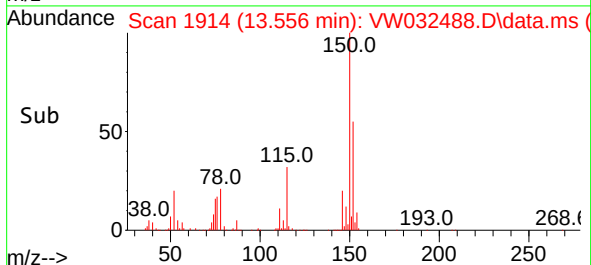
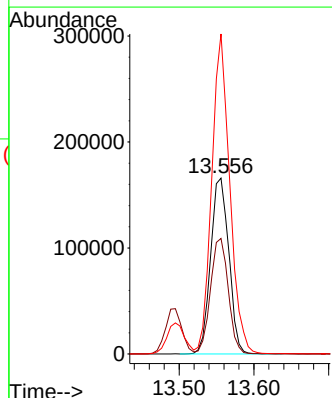
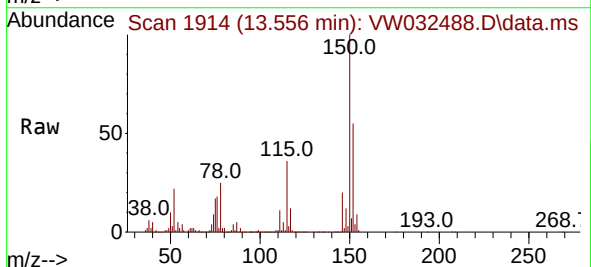
Tgt Ion:152 Resp: 280431

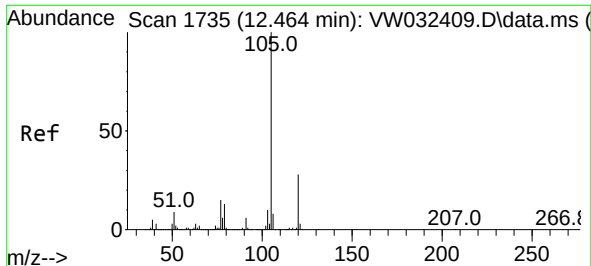
Ion Ratio Lower Upper

152 100

115 64.1 32.8 98.3

150 180.1 0.0 356.6

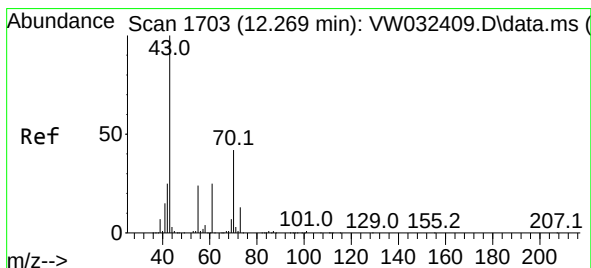
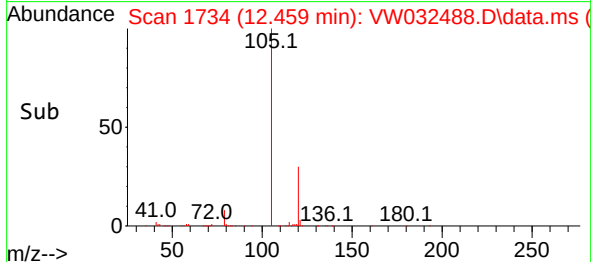
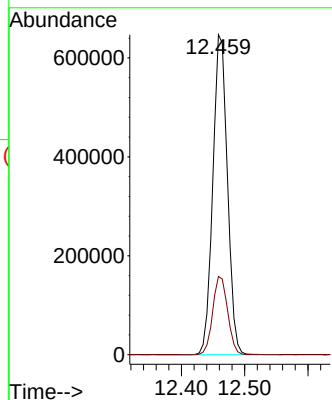
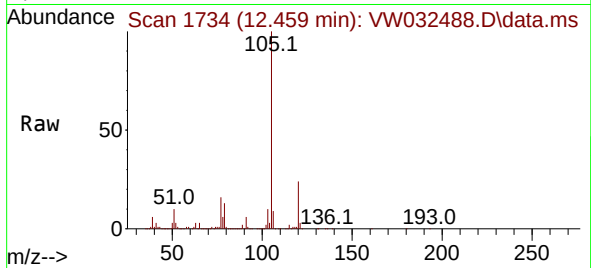




#73
Isopropylbenzene
Concen: 50.219 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

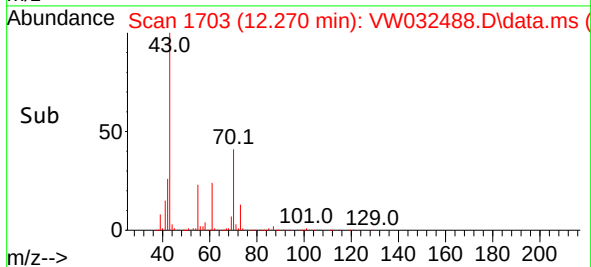
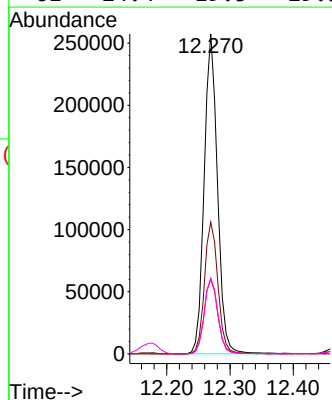
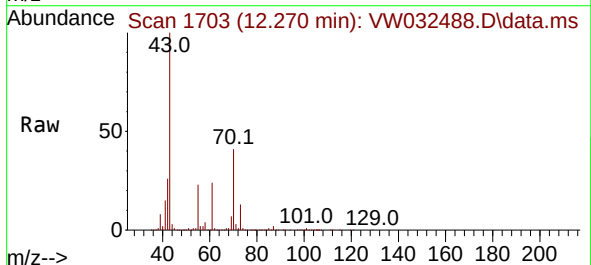
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

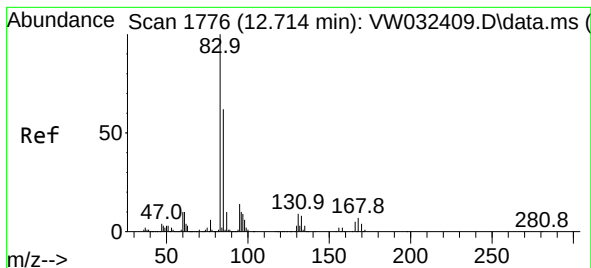
Tgt Ion:105 Resp: 1034308
Ion Ratio Lower Upper
105 100
120 25.0 13.2 39.5



#74
N-ethyl acetate
Concen: 52.624 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 43 Resp: 376621
Ion Ratio Lower Upper
43 100
70 42.2 33.5 50.3
55 24.5 19.3 28.9
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.773 ug/l

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

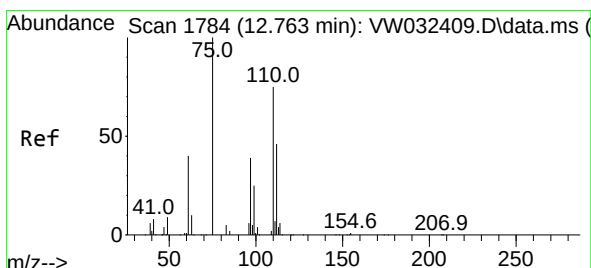
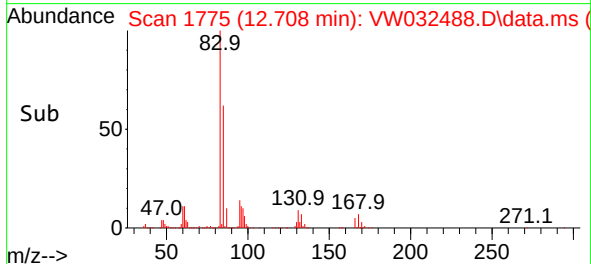
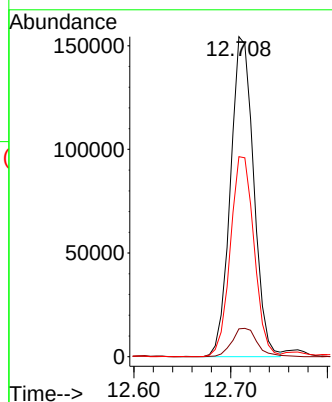
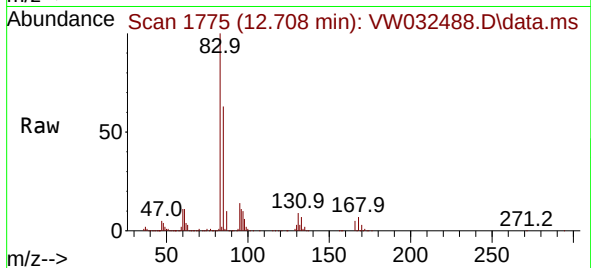
Tgt Ion: 83 Resp: 257948

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 63.9 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 84.670 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032488.D

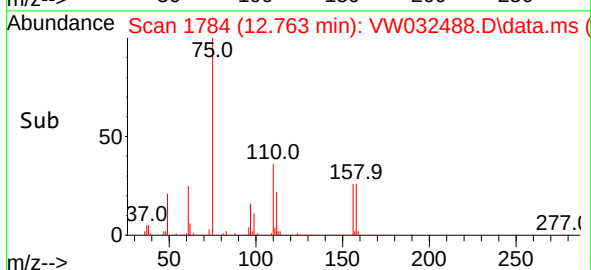
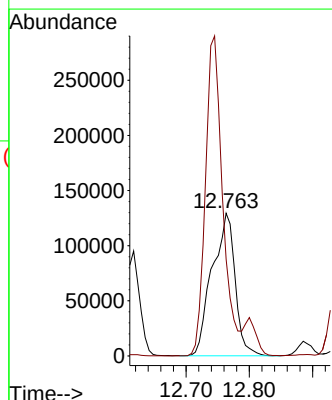
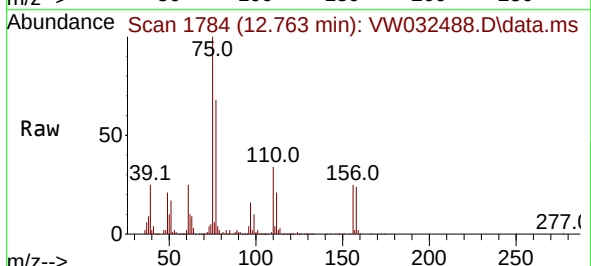
Acq: 18 Nov 2025 17:43

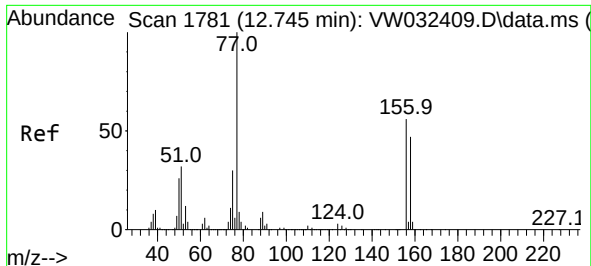
Tgt Ion: 75 Resp: 325572

Ion Ratio Lower Upper

75 100

77 169.8 151.6 454.8

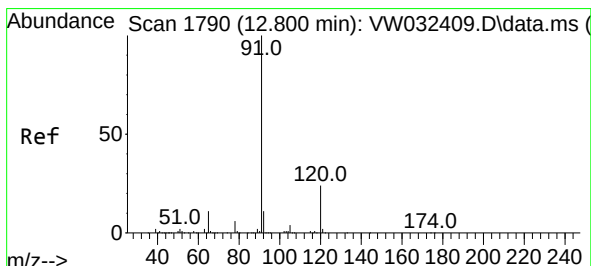
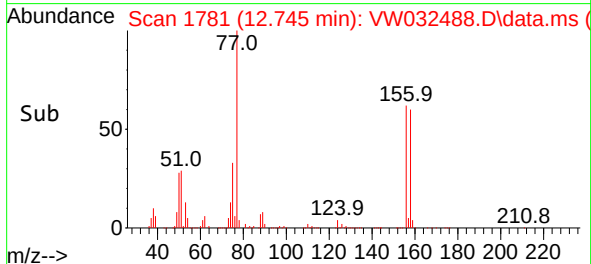
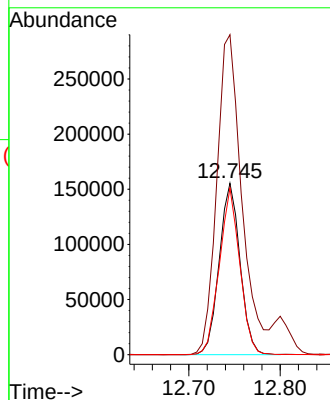
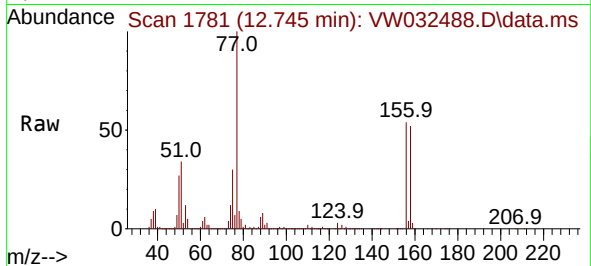




#77
Bromobenzene
Concen: 50.554 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

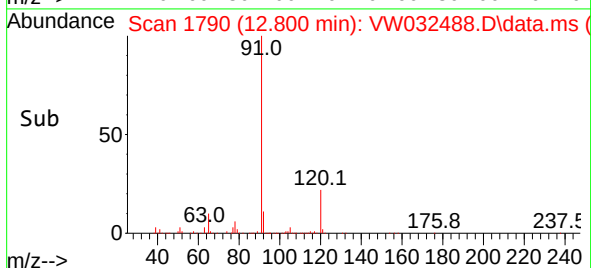
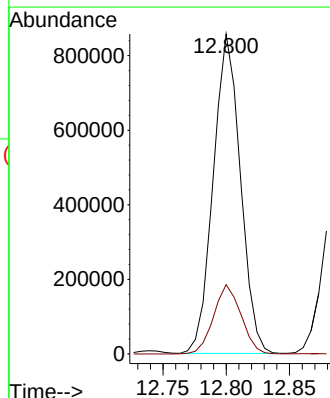
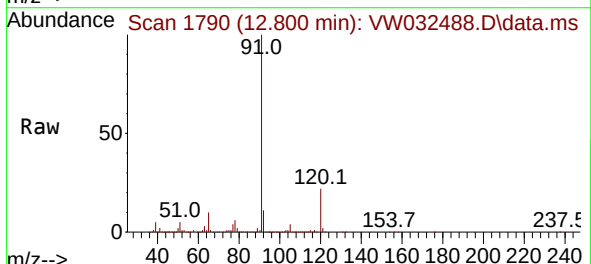
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

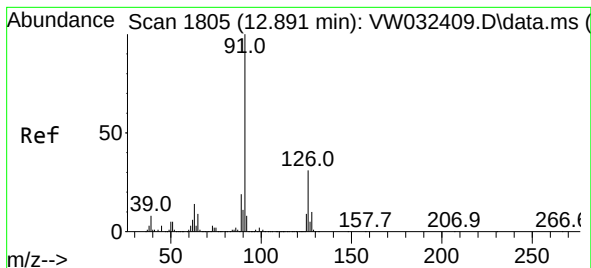
Tgt Ion:156 Resp: 246521
Ion Ratio Lower Upper
156 100
77 224.2 108.0 324.0
158 95.7 45.1 135.5



#78
n-propylbenzene
Concen: 50.947 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 91 Resp: 1277855
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9

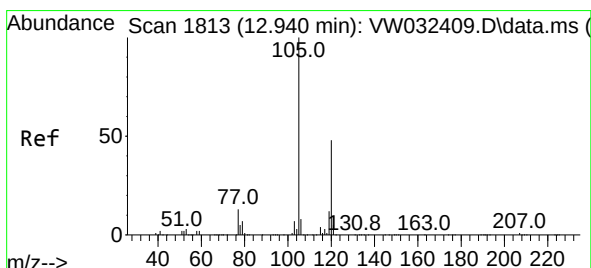
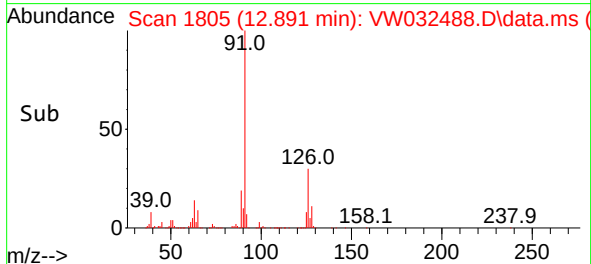
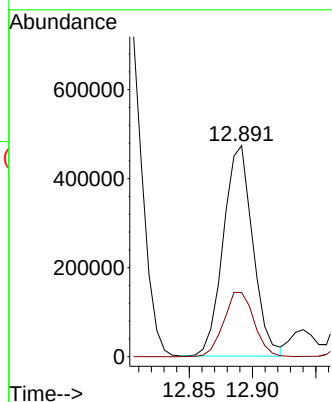
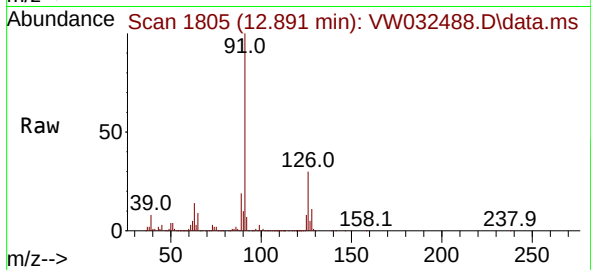




#79
2-Chlorotoluene
Concen: 50.285 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

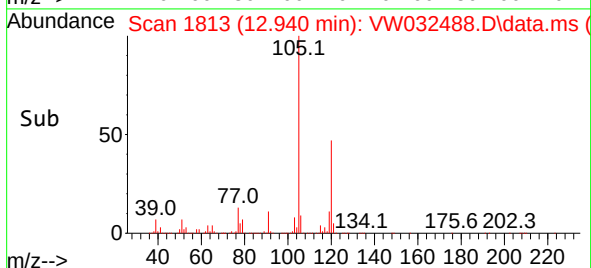
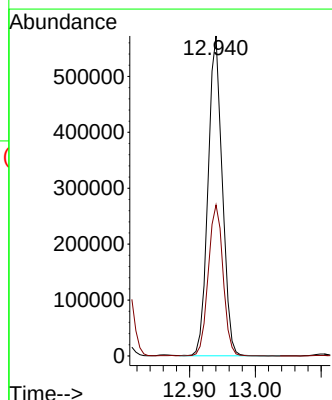
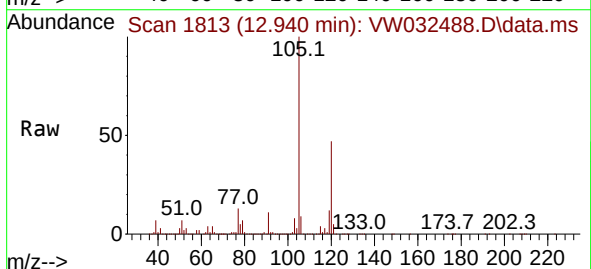
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

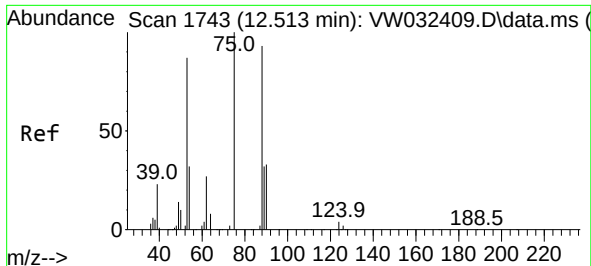
Tgt Ion: 91 Resp: 769931
Ion Ratio Lower Upper
91 100
126 31.4 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 50.664 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 105 Resp: 860862
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

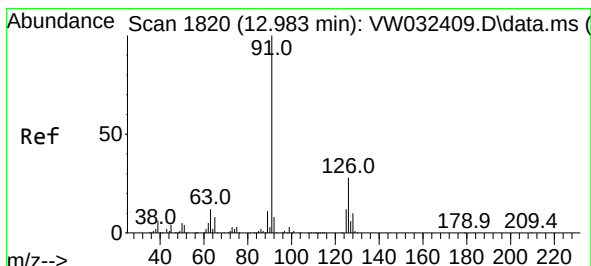
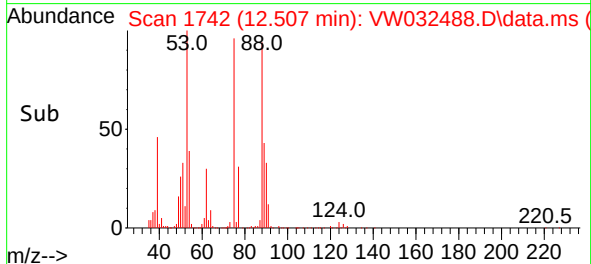
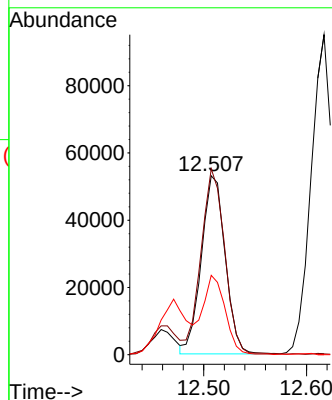
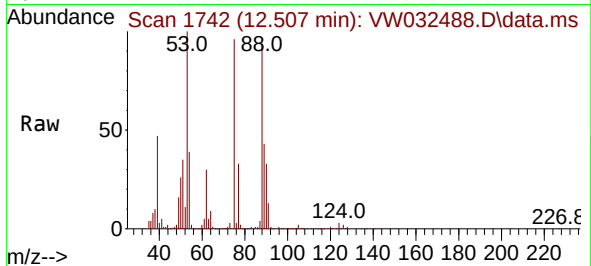




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.963 ug/l
 RT: 12.507 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

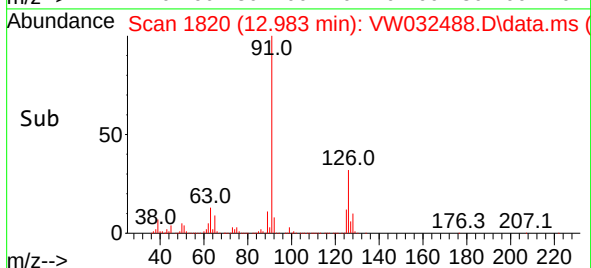
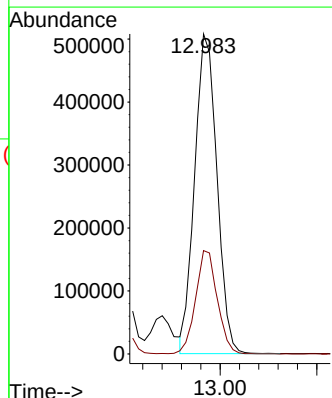
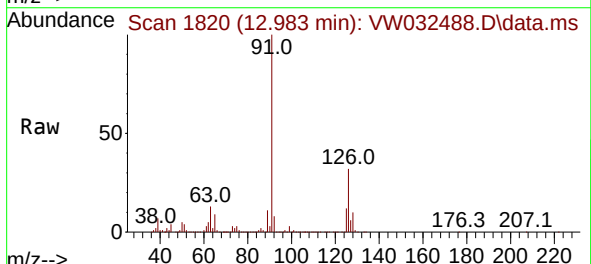
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

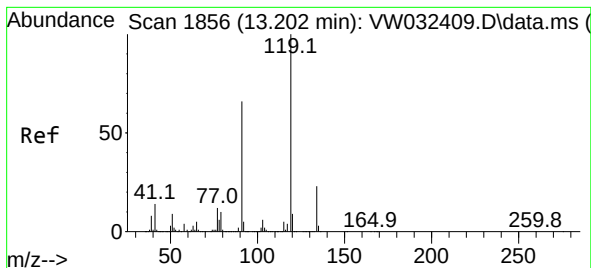
Tgt Ion: 75 Resp: 85557
 Ion Ratio Lower Upper
 75 100
 53 104.4 77.8 116.8
 89 41.8 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 51.029 ug/l
 RT: 12.983 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

Tgt Ion: 91 Resp: 812640
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.5 46.5

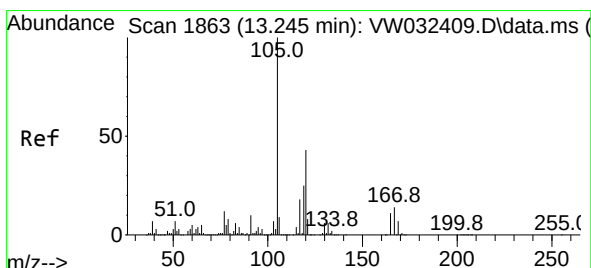
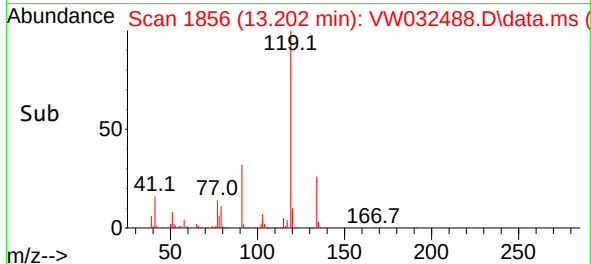
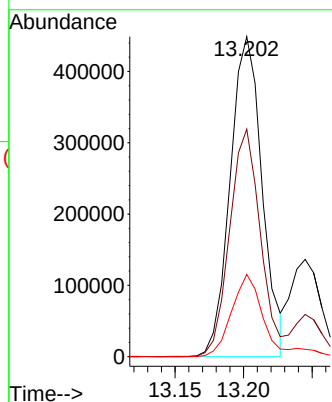
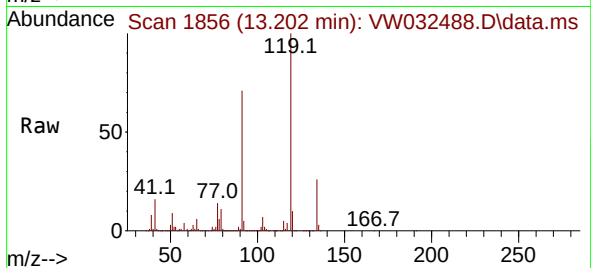




#83
tert-Butylbenzene
Concen: 49.346 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

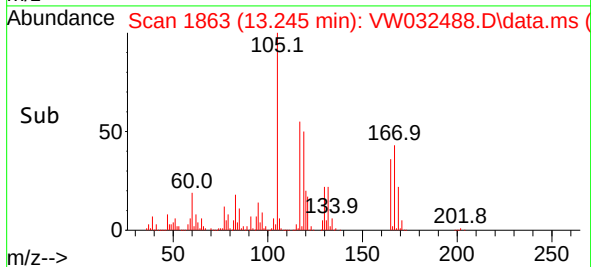
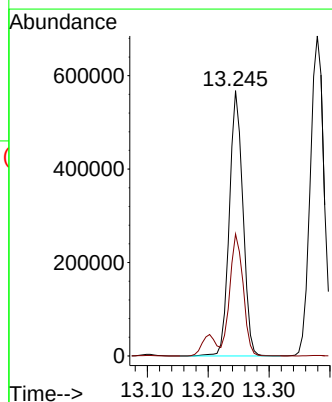
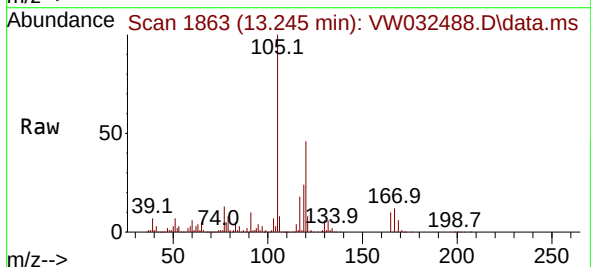
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

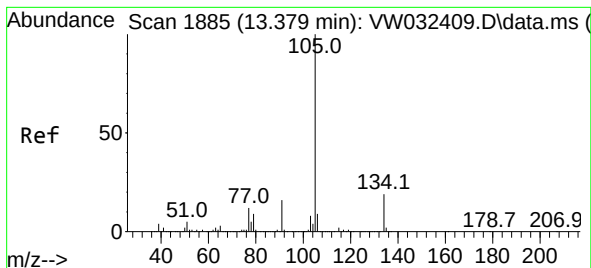
Tgt Ion:119 Resp: 729377
Ion Ratio Lower Upper
119 100
91 68.0 33.3 99.9
134 24.5 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 50.629 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion:105 Resp: 874991
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5

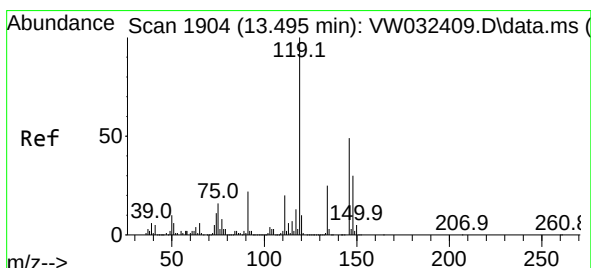
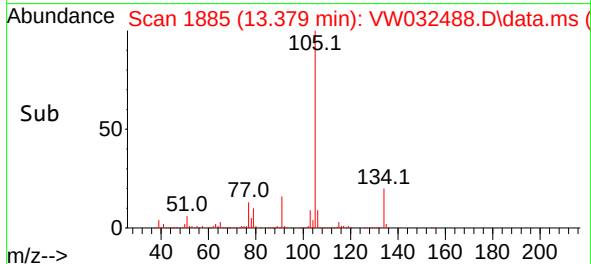
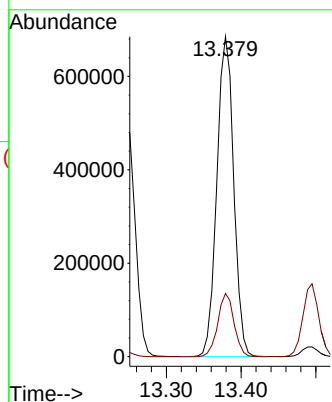
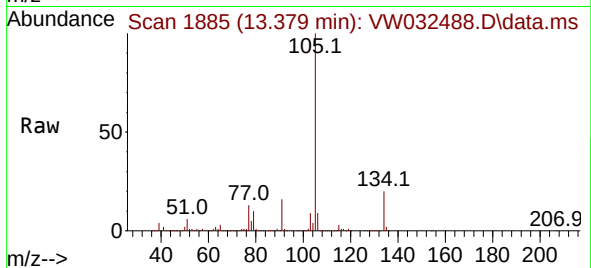




#85
 sec-Butylbenzene
 Concen: 48.871 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

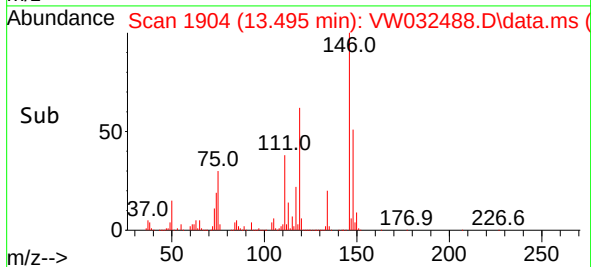
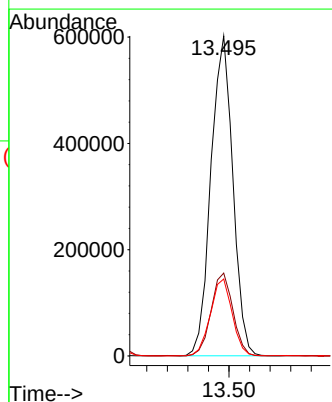
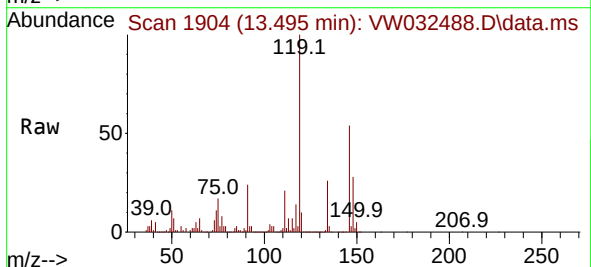
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

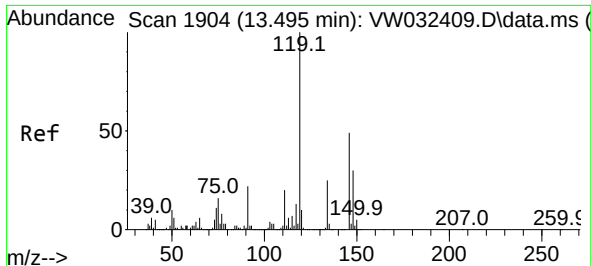
Tgt Ion:105 Resp: 1075809
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.876 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032488.D
 Acq: 18 Nov 2025 17:43

Tgt Ion:119 Resp: 888347
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.255 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

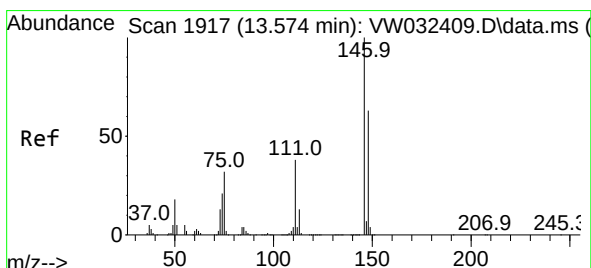
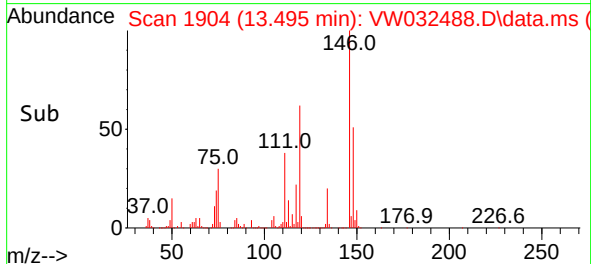
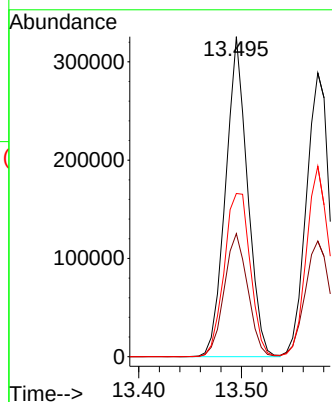
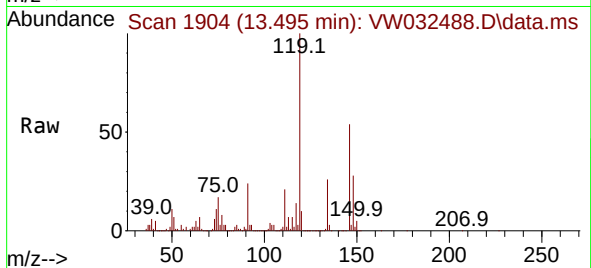
Tgt Ion:146 Resp: 483126

Ion Ratio Lower Upper

146 100

111 41.1 22.2 66.6

148 60.6 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 48.709 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

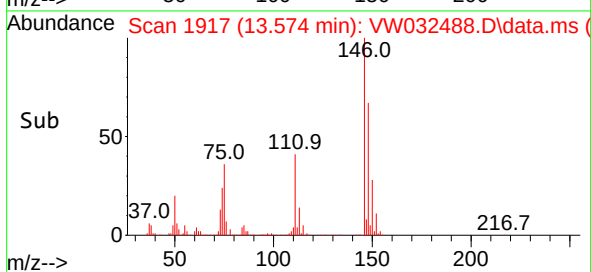
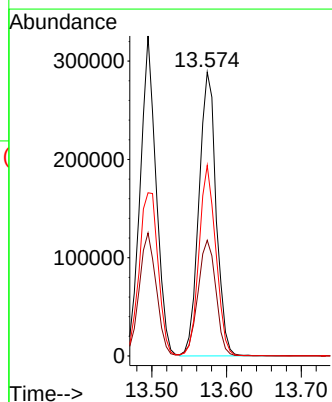
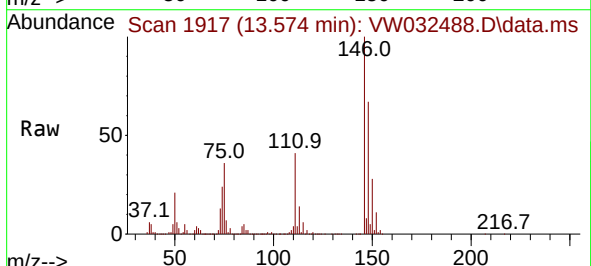
Tgt Ion:146 Resp: 461365

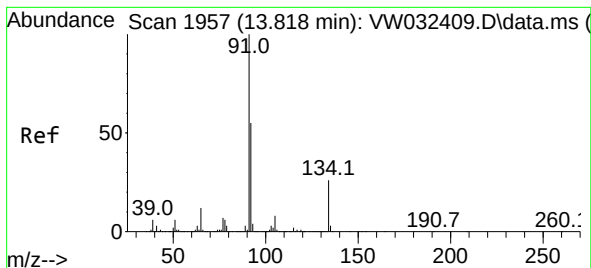
Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.6

148 65.7 31.2 93.6

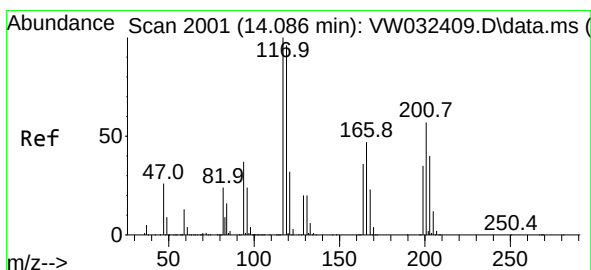
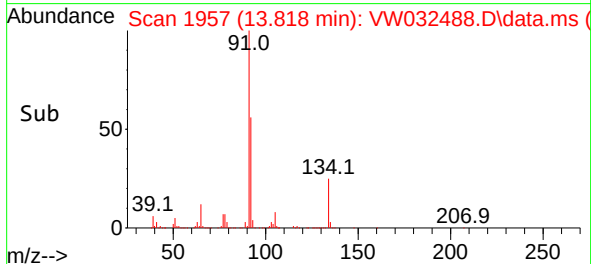
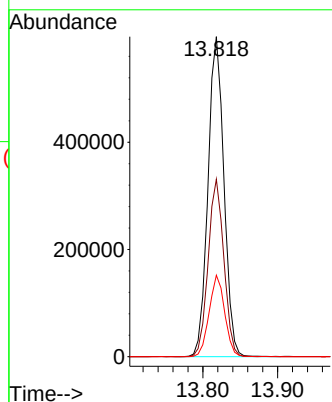
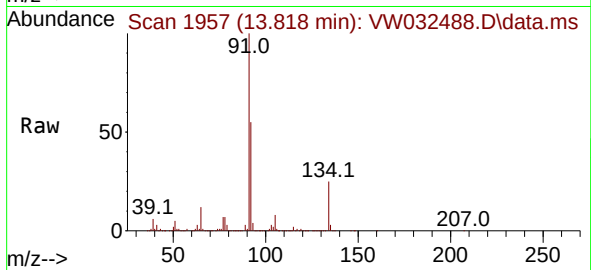




#89
n-Butylbenzene
Concen: 49.744 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

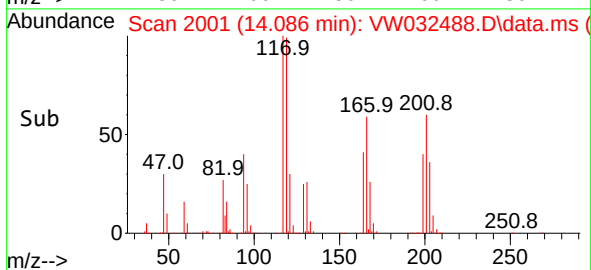
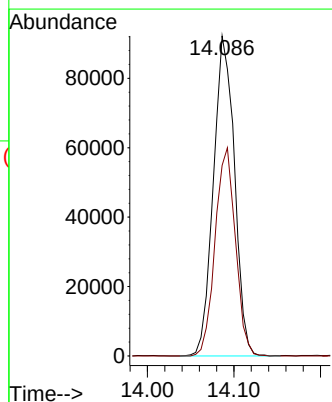
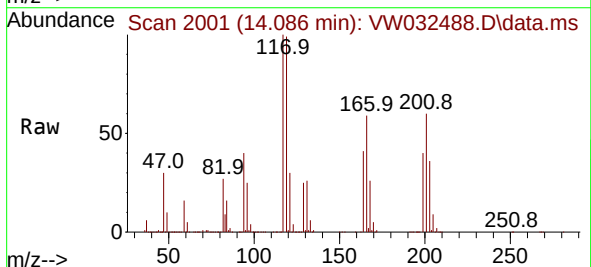
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

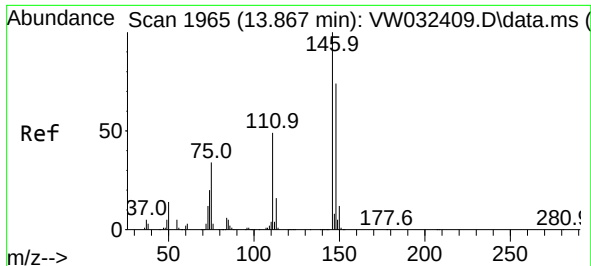
Tgt Ion: 91 Resp: 883297
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 24.8 12.4 37.4



#90
Hexachloroethane
Concen: 47.555 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 117 Resp: 155840
Ion Ratio Lower Upper
117 100
201 62.8 32.0 96.0

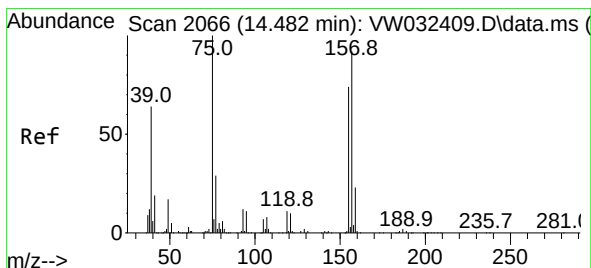
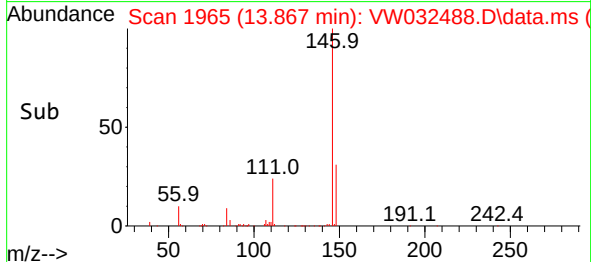
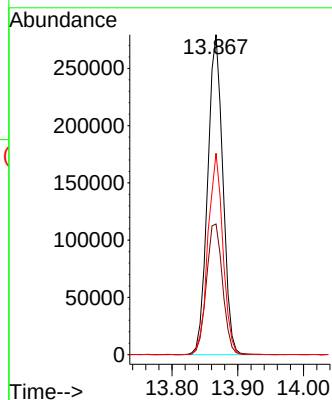
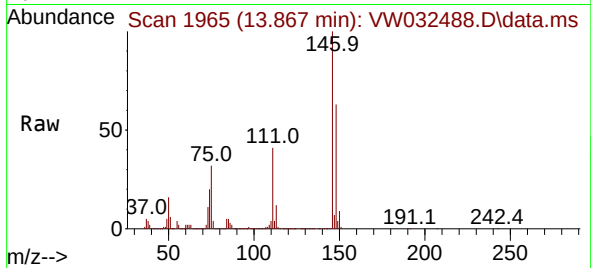




#91
1,2-Dichlorobenzene
Concen: 52.929 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

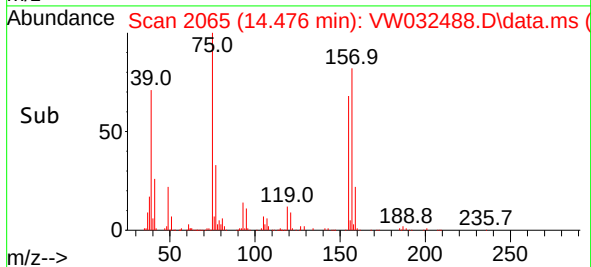
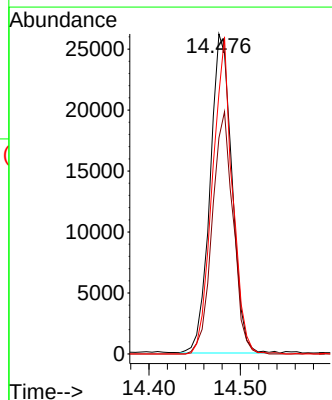
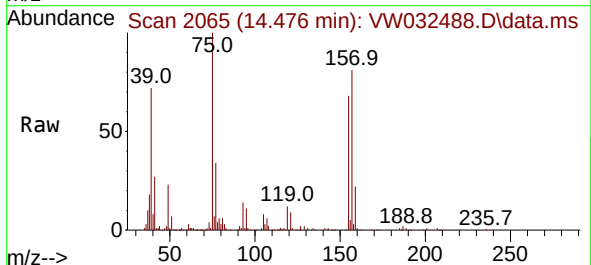
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

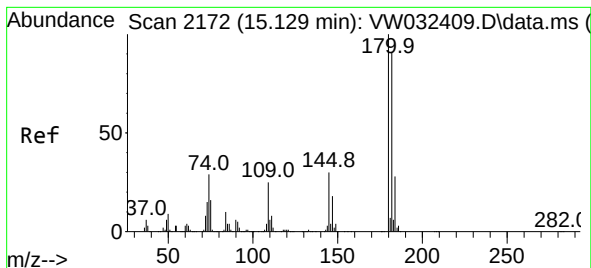
Tgt Ion:146 Resp: 449217
Ion Ratio Lower Upper
146 100
111 43.5 23.4 70.2
148 61.8 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.623 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032488.D
Acq: 18 Nov 2025 17:43

Tgt Ion: 75 Resp: 43469
Ion Ratio Lower Upper
75 100
155 72.6 36.2 108.6
157 90.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.150 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

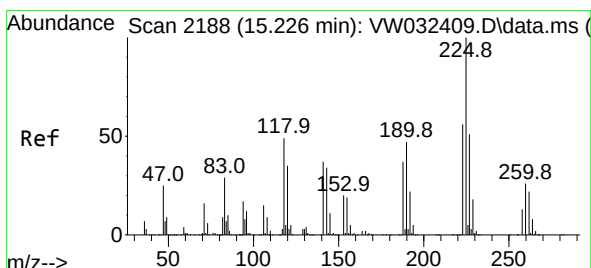
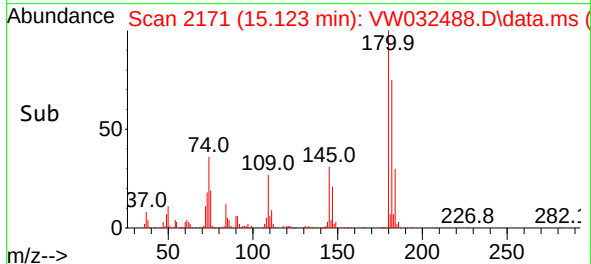
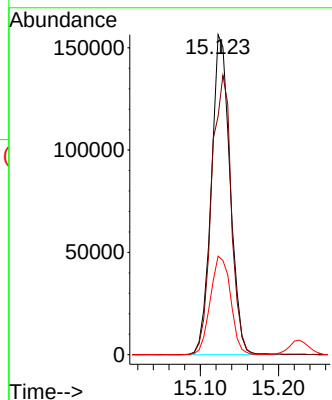
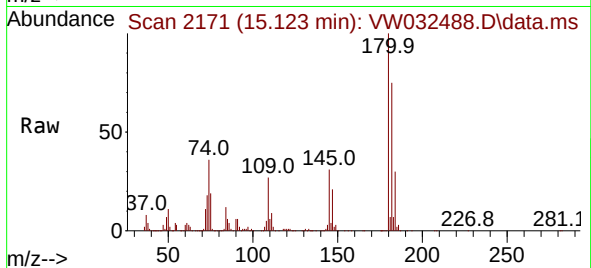
Tgt Ion:180 Resp: 260059

Ion Ratio Lower Upper

180 100

182 91.7 45.3 135.9

145 33.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.387 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

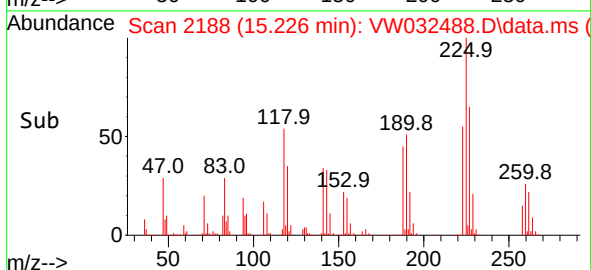
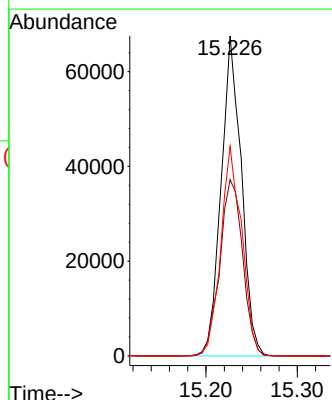
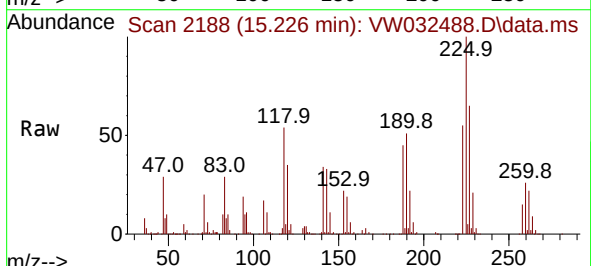
Tgt Ion:225 Resp: 104071

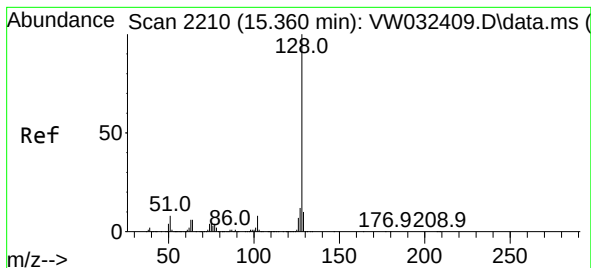
Ion Ratio Lower Upper

225 100

223 62.1 30.6 91.8

227 68.0 29.8 89.4





#95

Naphthalene

Concen: 49.758 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

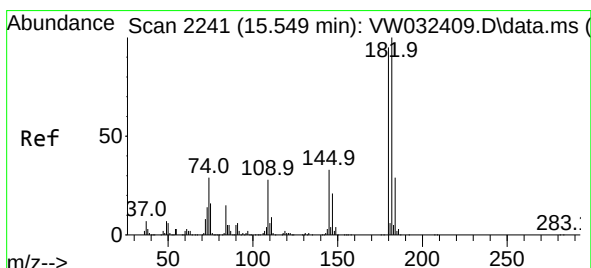
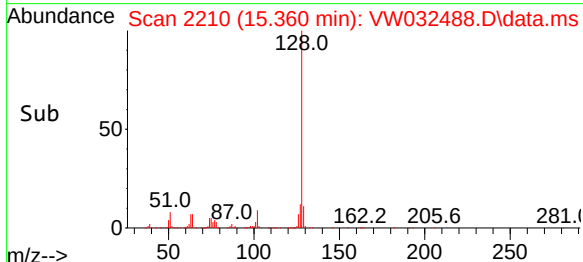
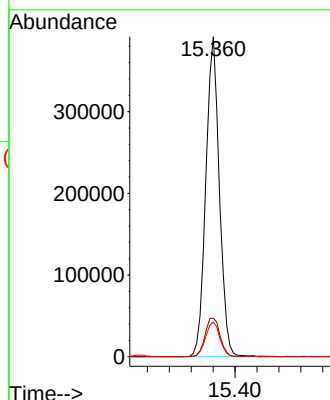
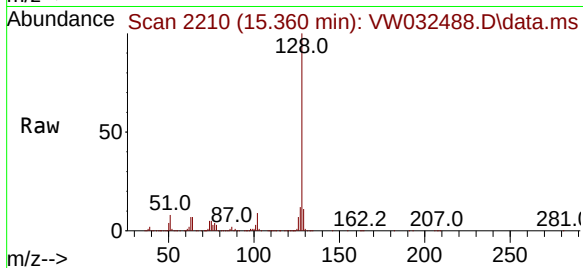
Tgt Ion:128 Resp: 670165

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.922 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032488.D

Acq: 18 Nov 2025 17:43

Tgt Ion:180 Resp: 249694

Ion Ratio Lower Upper

180 100

182 90.7 50.3 151.0

145 34.8 17.8 53.3

