

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032409.D
 Acq On : 10 Nov 2025 16:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 11 03:35:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	473870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	839187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	738113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	330535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	286867	46.956	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	93.920%
35) Dibromofluoromethane	7.904	113	240784	47.923	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.840%
50) Toluene-d8	10.325	98	948663	49.216	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.617	95	348133	47.811	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	117696	48.496	ug/l	100
3) Chloromethane	2.253	50	193400	46.930	ug/l	100
4) Vinyl Chloride	2.405	62	255152	49.059	ug/l	100
5) Bromomethane	2.826	94	169422	48.699	ug/l	100
6) Chloroethane	2.972	64	168250	49.446	ug/l	100
7) Trichlorofluoromethane	3.308	101	217703	53.389	ug/l	100
8) Diethyl Ether	3.722	74	161055	48.309	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	221350	49.832	ug/l	100
10) Methyl Iodide	4.307	142	352515	49.273	ug/l	100
11) Tert butyl alcohol	5.216	59	127100	240.595	ug/l	100
12) 1,1-Dichloroethene	4.082	96	255938	50.249	ug/l	100
13) Acrolein	3.929	56	213422	240.790	ug/l	100
14) Allyl chloride	4.704	41	493300	50.363	ug/l	100
15) Acrylonitrile	5.405	53	480718	249.389	ug/l	100
16) Acetone	4.161	43	440757	241.146	ug/l	100
17) Carbon Disulfide	4.423	76	761956	50.614	ug/l	100
18) Methyl Acetate	4.710	43	219594	48.517	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	539886	50.284	ug/l	100
20) Methylene Chloride	4.954	84	303080	46.367	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	285957	49.100	ug/l	100
22) Diisopropyl ether	6.337	45	987895	49.536	ug/l	100
23) Vinyl Acetate	6.283	43	3459955	253.227	ug/l	100
24) 1,1-Dichloroethane	6.246	63	543885	49.778	ug/l	100
25) 2-Butanone	7.191	43	663205	246.293	ug/l	100
26) 2,2-Dichloropropane	7.185	77	293455	48.192	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	345581	49.660	ug/l	100
28) Bromochloromethane	7.532	49	237900	46.067	ug/l	100
29) Tetrahydrofuran	7.551	42	429579	251.347	ug/l	100
30) Chloroform	7.691	83	525290	49.110	ug/l	100
31) Cyclohexane	7.971	56	486431	48.128	ug/l	100
32) 1,1,1-Trichloroethane	7.892	97	387016	50.649	ug/l	100
36) 1,1-Dichloropropene	8.099	75	382172	51.624	ug/l	100
37) Ethyl Acetate	7.270	43	283001	51.410	ug/l	100
38) Carbon Tetrachloride	8.081	117	334794	50.897	ug/l	100
39) Methylcyclohexane	9.343	83	501951	52.340	ug/l	100
40) Benzene	8.337	78	1206225	50.596	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	157157	51.970	ug/l	100
42) 1,2-Dichloroethane	8.410	62	353418	50.470	ug/l	100
43) Isopropyl Acetate	8.435	43	506886	52.003	ug/l	100
44) Trichloroethene	9.099	130	280938	50.643	ug/l	100
45) 1,2-Dichloropropane	9.374	63	298715	50.321	ug/l	100
46) Dibromomethane	9.465	93	177243	51.095	ug/l	100
47) Bromodichloromethane	9.654	83	404213	51.082	ug/l	100
48) Methyl methacrylate	9.441	41	254032	54.845	ug/l	100
49) 1,4-Dioxane	9.465	88	51534	1060.466	ug/l #	100
51) 4-Methyl-2-Pentanone	10.209	43	1411536	261.951	ug/l	100
52) Toluene	10.392	92	750381	50.957	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	422565	51.852	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	485529	51.519	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	245652	51.620	ug/l	100
56) Ethyl methacrylate	10.648	69	384615	52.675	ug/l	100
57) 1,3-Dichloropropane	10.934	76	438483	51.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	947852	243.759	ug/l	100
59) 2-Hexanone	10.971	43	1024540	259.873	ug/l	100
60) Dibromochloromethane	11.129	129	268368	50.499	ug/l	100
61) 1,2-Dibromoethane	11.239	107	235648	50.842	ug/l	100
64) Tetrachloroethene	10.867	164	221732	50.729	ug/l	100
65) Chlorobenzene	11.654	112	836572	52.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	249919	50.760	ug/l	100
67) Ethyl Benzene	11.727	91	1434522	52.113	ug/l	100
68) m/p-Xylenes	11.836	106	1080126	104.508	ug/l	100
69) o-Xylene	12.166	106	503049	50.833	ug/l	100
70) Styrene	12.178	104	891578	52.373	ug/l	100
71) Bromoform	12.349	173	149754	51.352	ug/l	100
73) Isopropylbenzene	12.464	105	1311412	54.022	ug/l	100
74) N-amyl acetate	12.269	43	463709	54.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	306330	53.171	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	392713	86.638	ug/l	33
77) Bromobenzene	12.745	156	311375	54.174	ug/l	100
78) n-propylbenzene	12.800	91	1592697	53.874	ug/l	100
79) 2-Chlorotoluene	12.891	91	949870	52.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1071434	53.498	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	108494	54.830	ug/l	100
82) 4-Chlorotoluene	12.983	91	994389	52.976	ug/l	100
83) tert-Butylbenzene	13.202	119	952056	54.647	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	1087654	53.395	ug/l	100
85) sec-Butylbenzene	13.379	105	1387291	53.468	ug/l	100
86) p-Isopropyltoluene	13.495	119	1135093	52.985	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	568988	52.213	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	586517	52.535	ug/l	100
89) n-Butylbenzene	13.818	91	1119974	53.512	ug/l	100
90) Hexachloroethane	14.086	117	206125	53.365	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	510688	51.050	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.482	75	52673	53.072	ug/l	100
93) 1,2,4-Trichlorobenzene	15.129	180	341171	53.593	ug/l	100
94) Hexachlorobutadiene	15.226	225	139533	52.766	ug/l	100
95) Naphthalene	15.360	128	858633	54.088	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	297797	51.526	ug/l	100

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QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

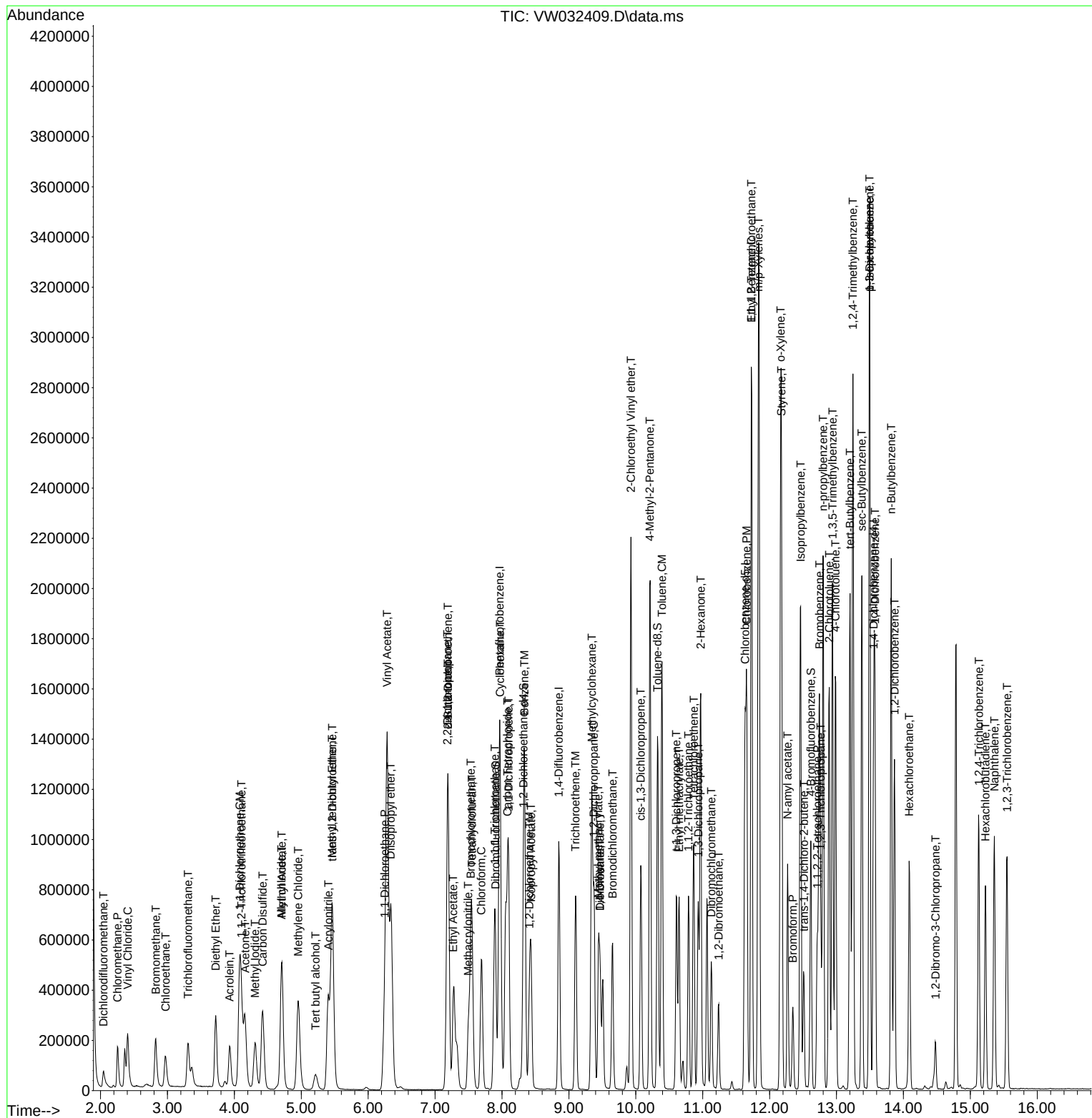
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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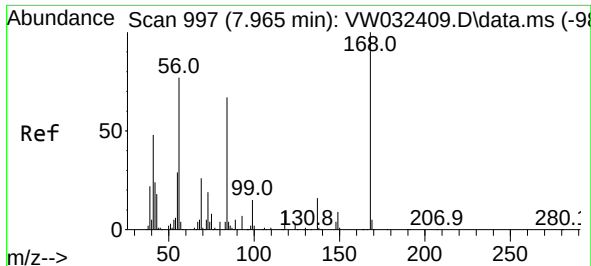
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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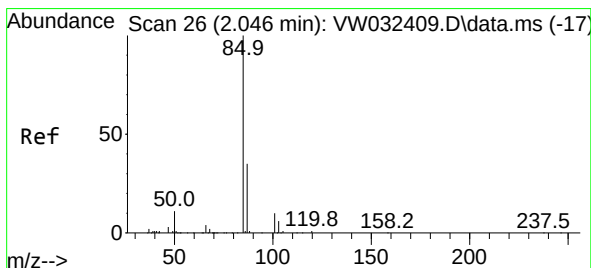
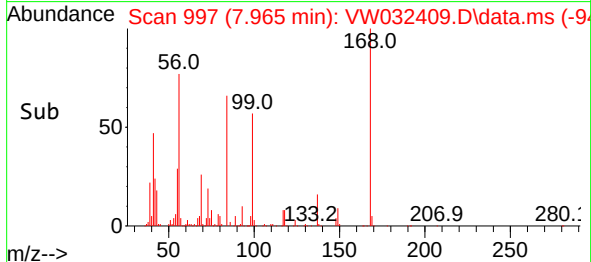
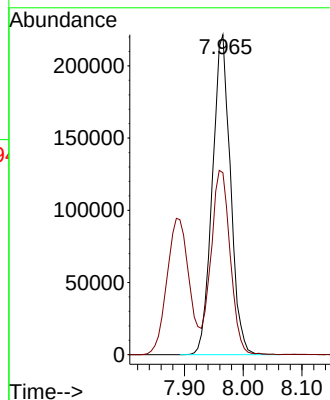
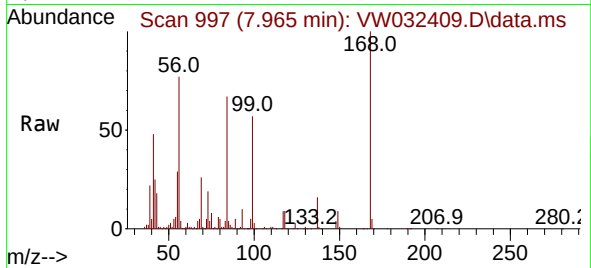




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032409.D
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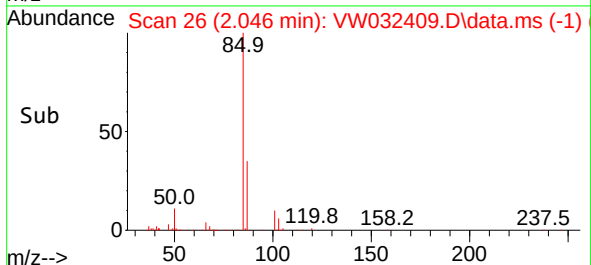
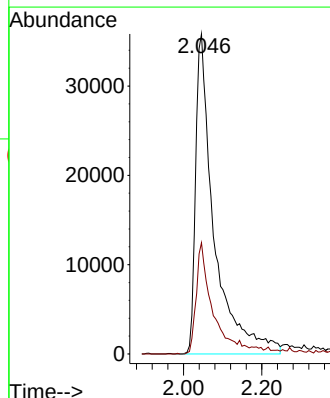
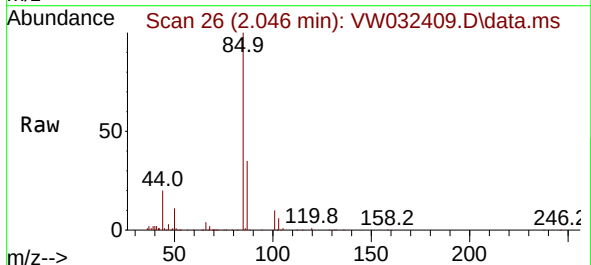
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

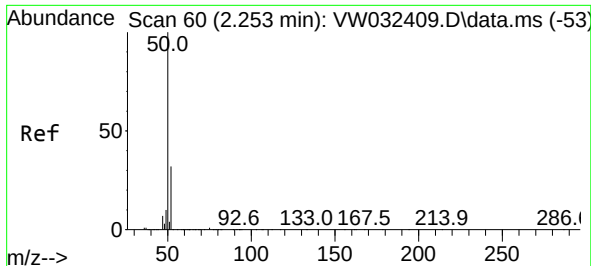
Tgt Ion:168 Resp: 473870
Ion Ratio Lower Upper
168 100
99 56.8 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 48.496 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 85 Resp: 117696
Ion Ratio Lower Upper
85 100
87 34.8 17.4 52.2

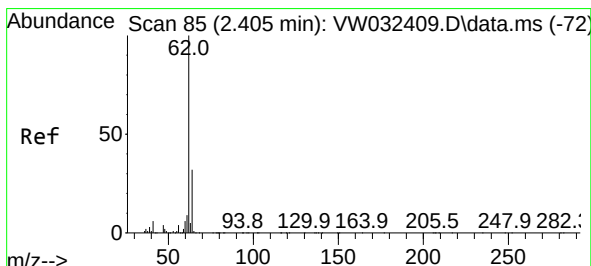
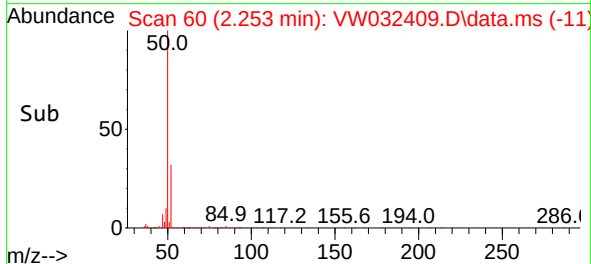
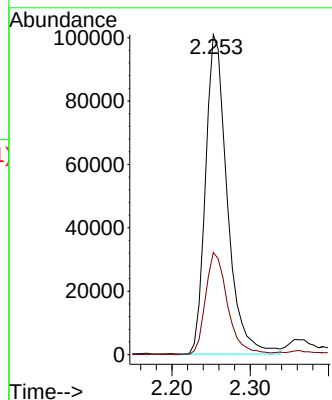
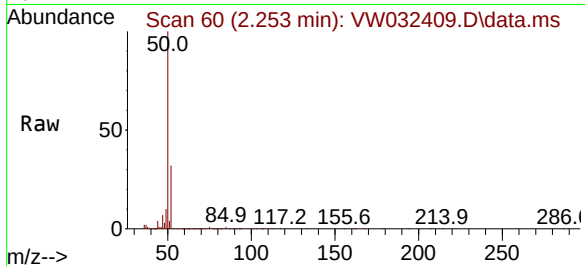




#3
Chloromethane
Concen: 46.930 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

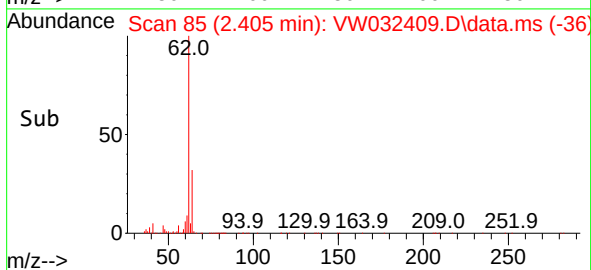
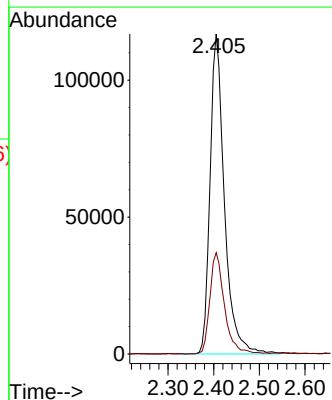
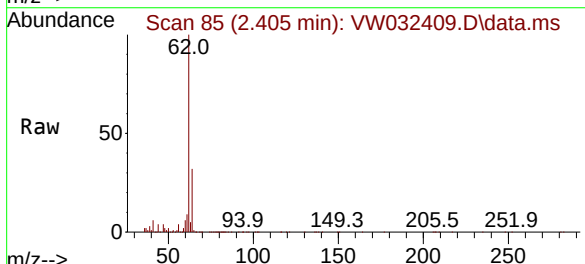
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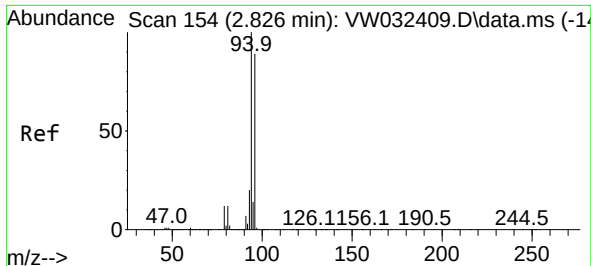
Tgt Ion: 50 Resp: 193400
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 49.059 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 62 Resp: 255152
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

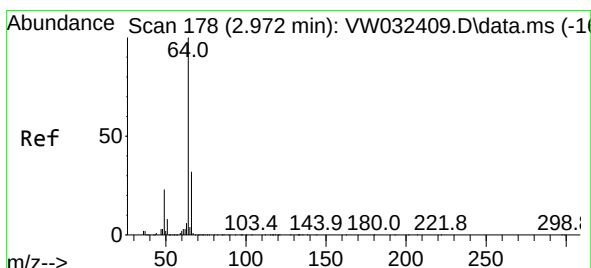
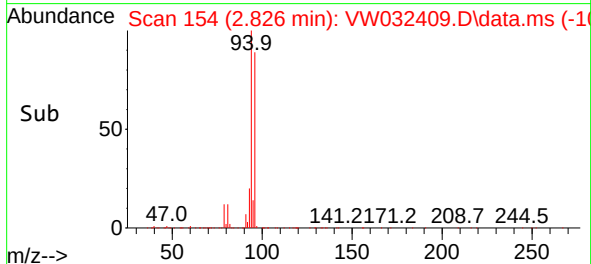
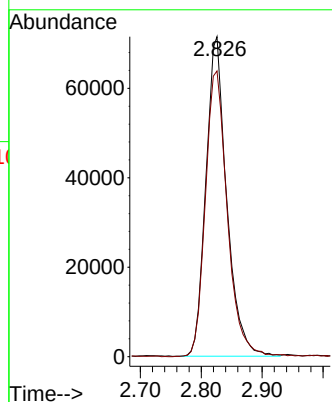
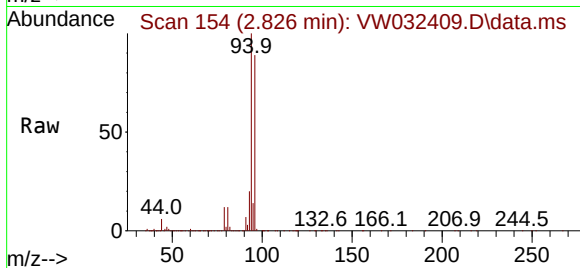




#5
Bromomethane
Concen: 48.699 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

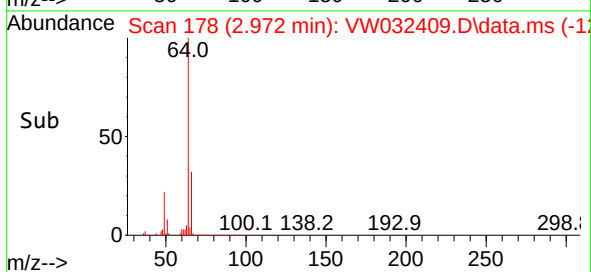
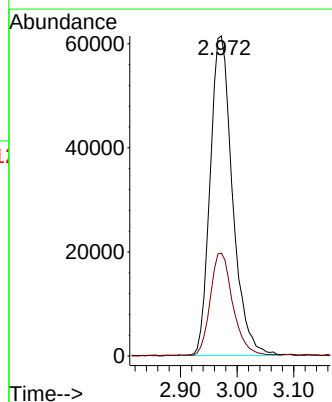
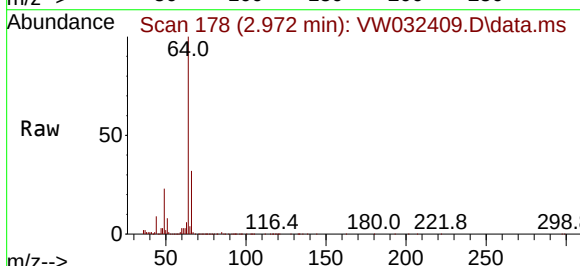
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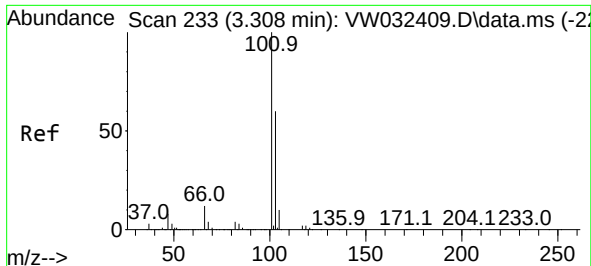
Tgt Ion: 94 Resp: 169422
Ion Ratio Lower Upper
94 100
96 89.3 71.4 107.2



#6
Chloroethane
Concen: 49.446 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 64 Resp: 168250
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

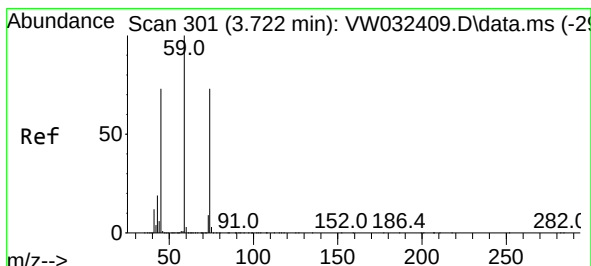
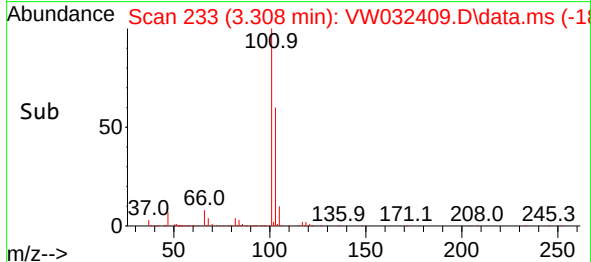
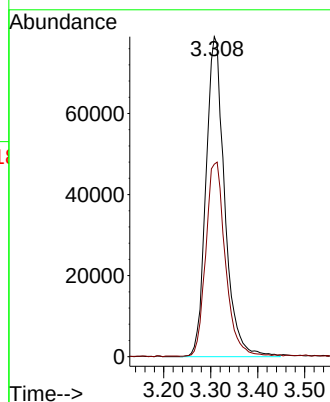
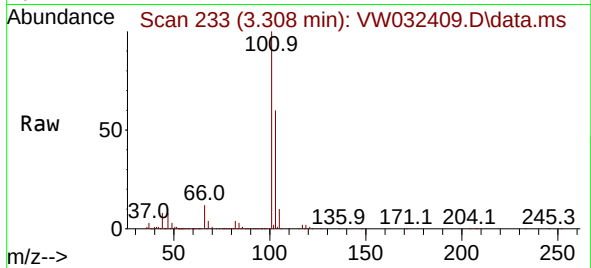




#7
 Trichlorofluoromethane
 Concen: 53.389 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032409.D
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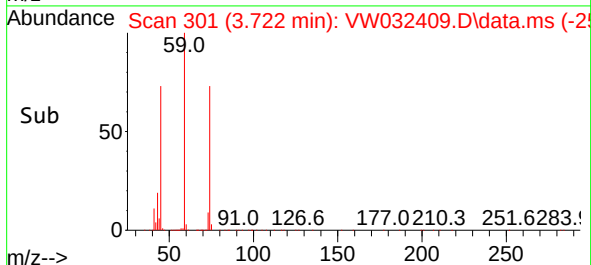
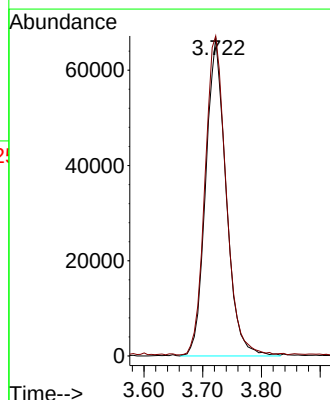
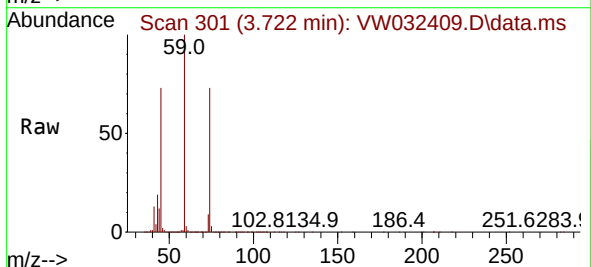
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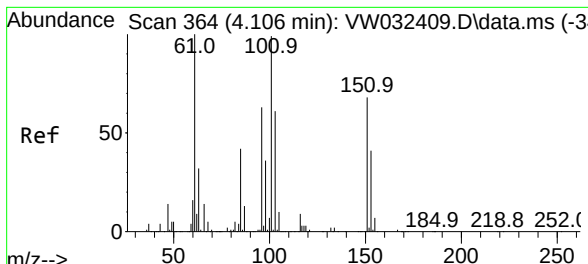
Tgt Ion:101 Resp: 217703
 Ion Ratio Lower Upper
 101 100
 103 60.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.309 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 161055
 Ion Ratio Lower Upper
 74 100
 45 103.6 51.8 155.4



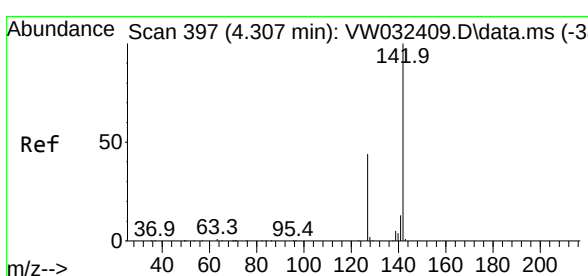
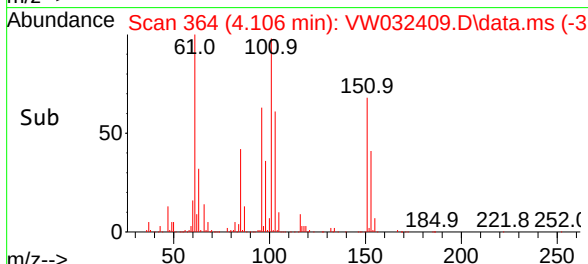
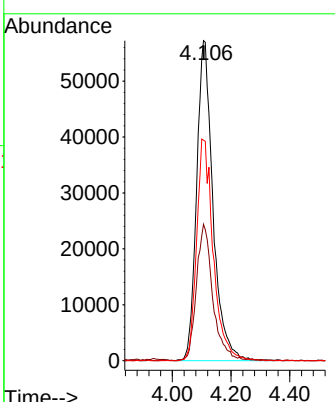
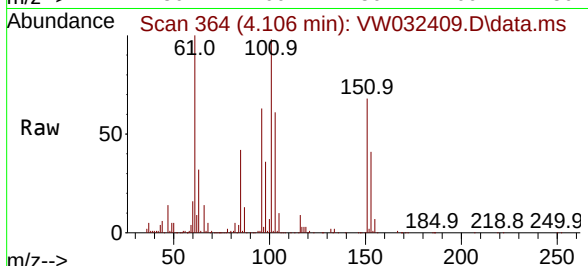


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.832 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 221350

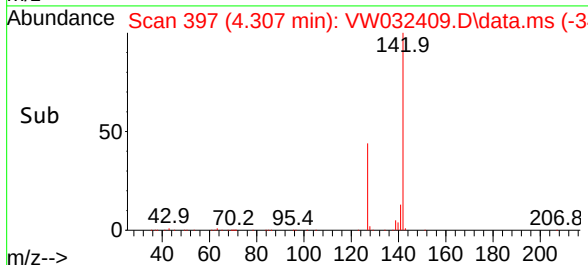
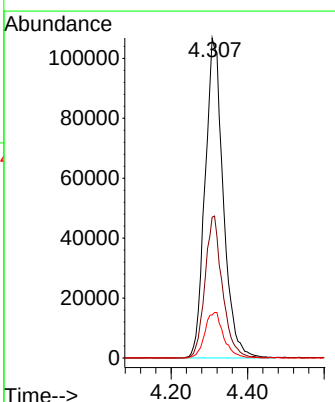
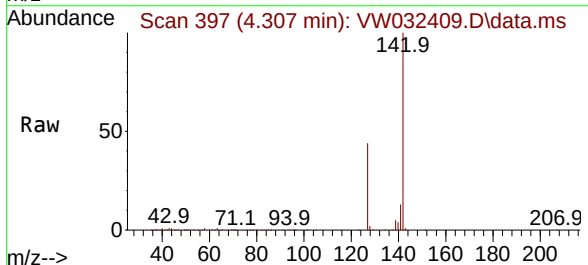
Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.1	51.1
151	70.5	56.4	84.6

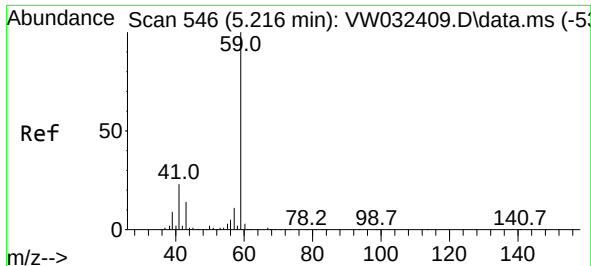


#10
 Methyl Iodide
 Concen: 49.273 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion:142 Resp: 352515

Ion	Ratio	Lower	Upper
142	100		
127	42.7	34.2	51.2
141	14.8	11.8	17.8

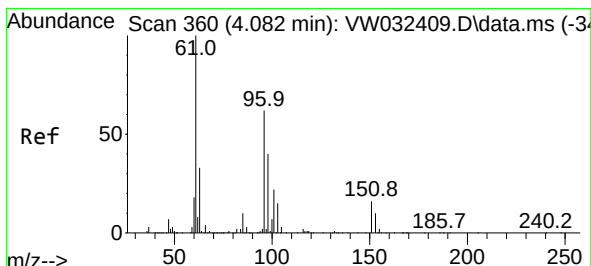
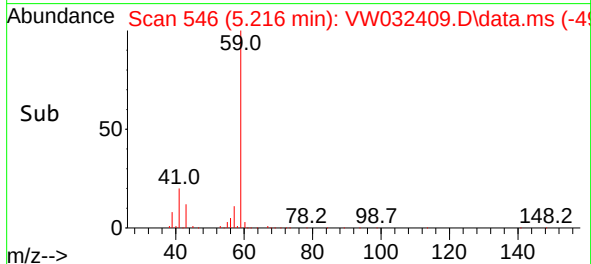
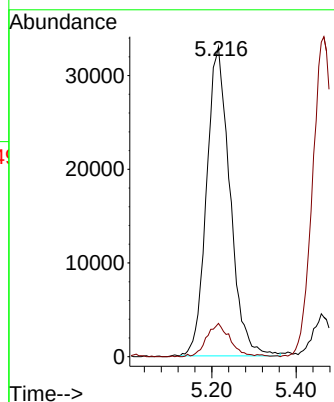
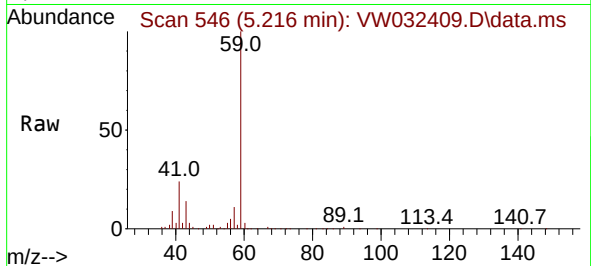




#11
Tert butyl alcohol
Concen: 240.595 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

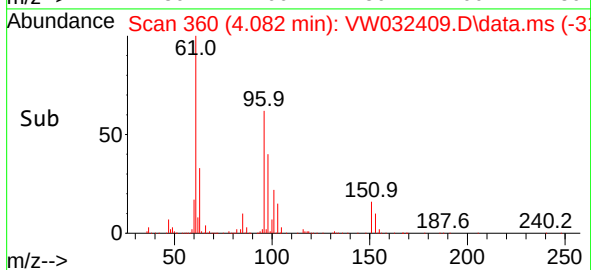
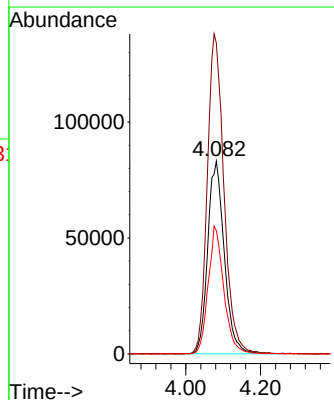
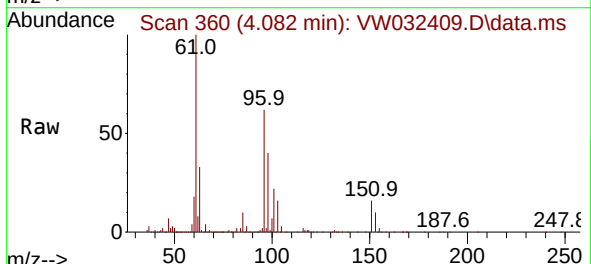
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

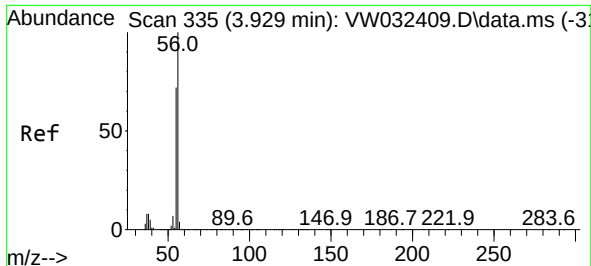
Tgt Ion: 59 Resp: 127100
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.249 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 96 Resp: 255938
Ion Ratio Lower Upper
96 100
61 161.3 129.0 193.6
98 63.9 51.1 76.7

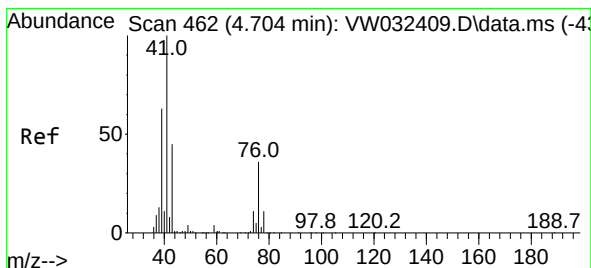
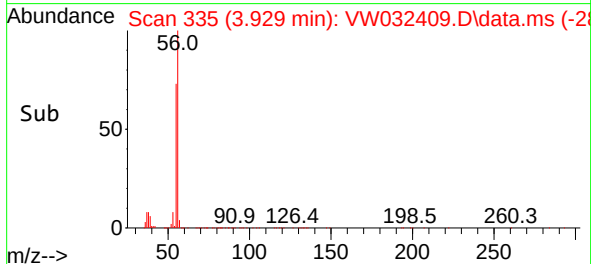
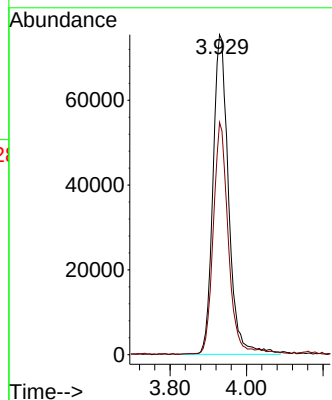
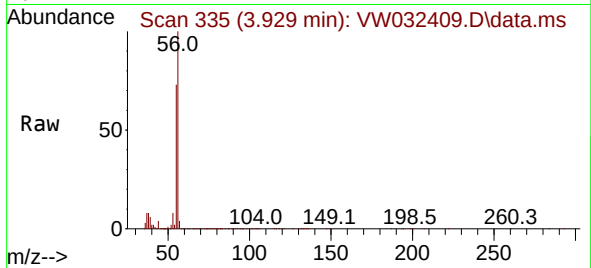




#13
Acrolein
Concen: 240.790 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

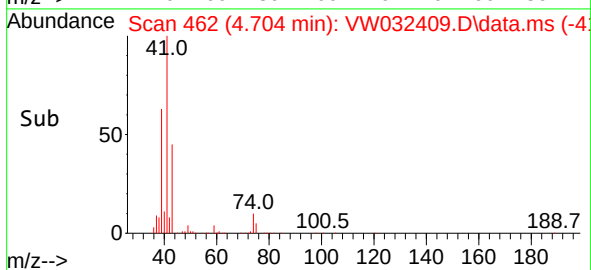
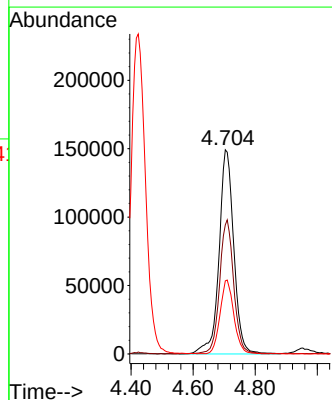
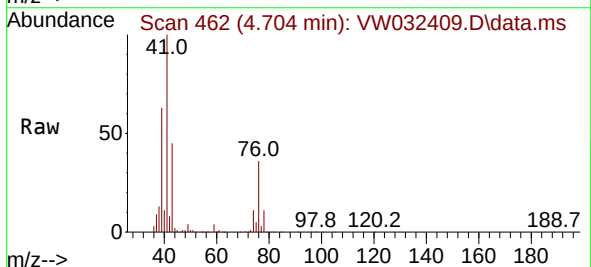
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

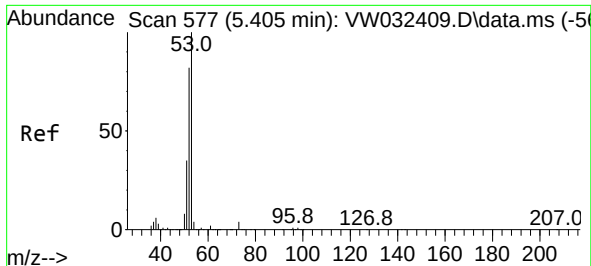
Tgt Ion: 56 Resp: 213422
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5



#14
Allyl chloride
Concen: 50.363 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 41 Resp: 493300
Ion Ratio Lower Upper
41 100
39 62.7 50.2 75.2
76 33.8 27.0 40.6

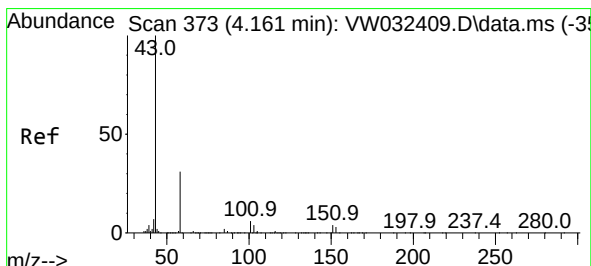
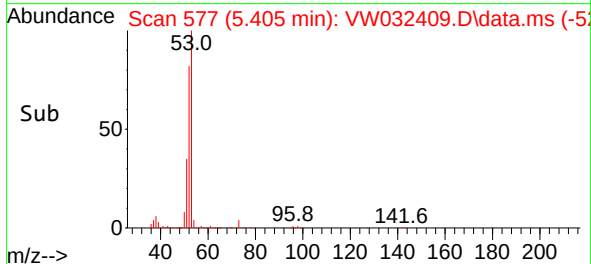
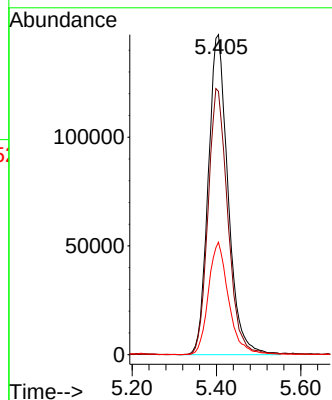
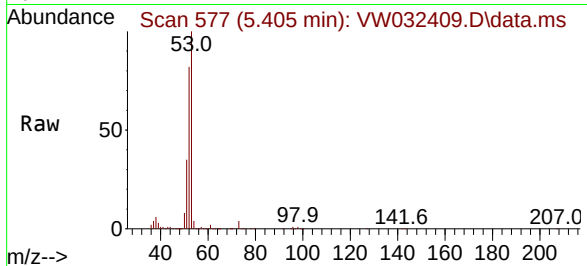




#15
Acrylonitrile
Concen: 249.389 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

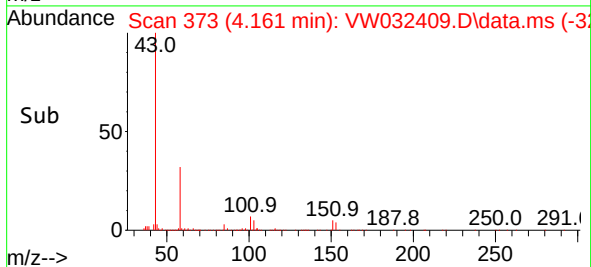
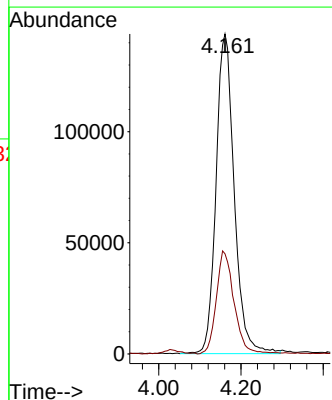
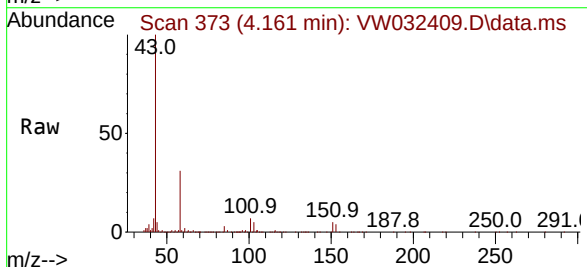
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

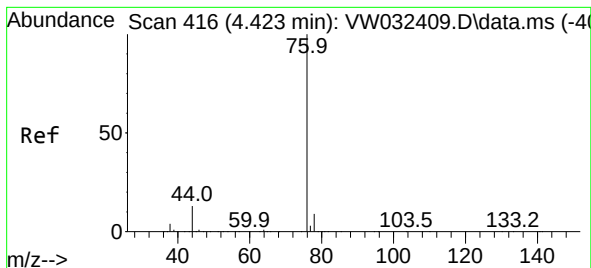
Tgt Ion: 53 Resp: 480718
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 35.8 28.6 43.0



#16
Acetone
Concen: 241.146 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 43 Resp: 440757
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





#17

Carbon Disulfide

Concen: 50.614 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

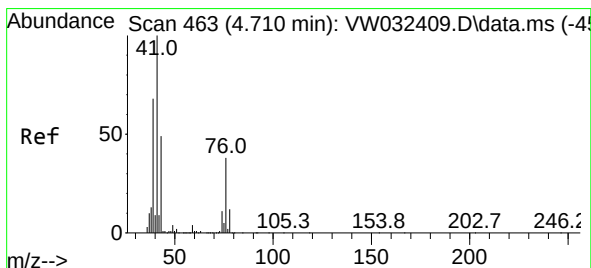
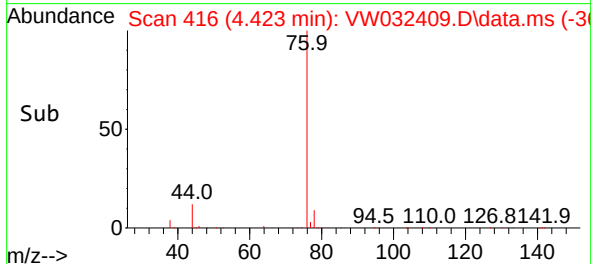
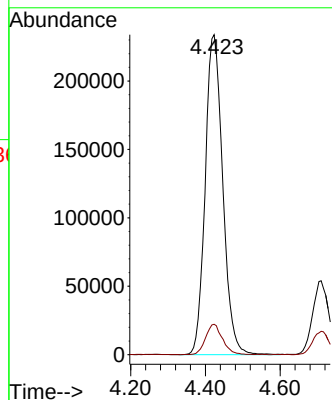
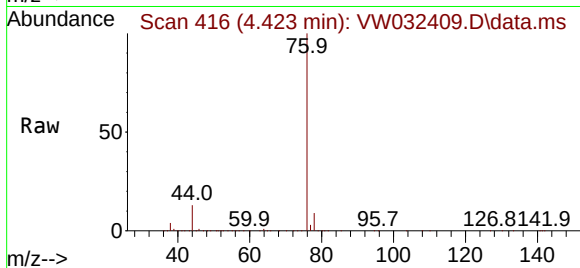
VSTDICCC050

Tgt Ion: 76 Resp: 761956

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4



#18

Methyl Acetate

Concen: 48.517 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032409.D

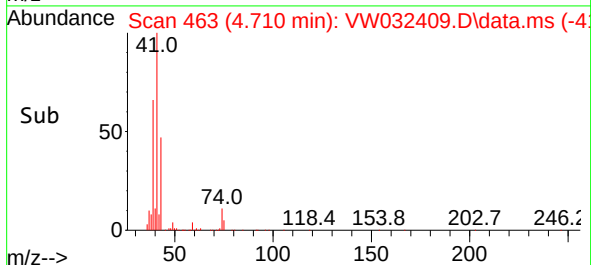
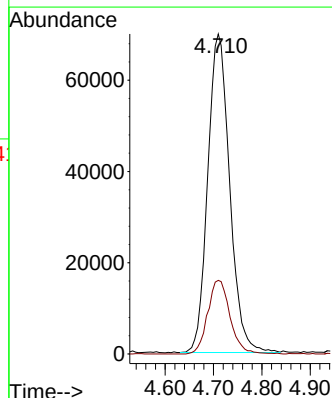
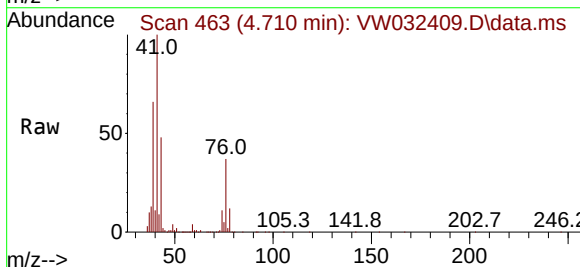
Acq: 10 Nov 2025 16:17

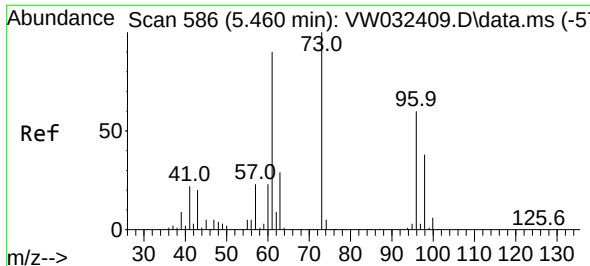
Tgt Ion: 43 Resp: 219594

Ion Ratio Lower Upper

43 100

74 23.6 18.9 28.3

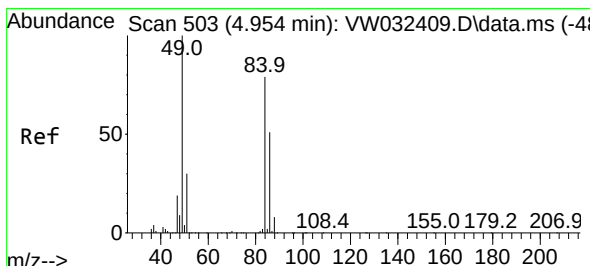
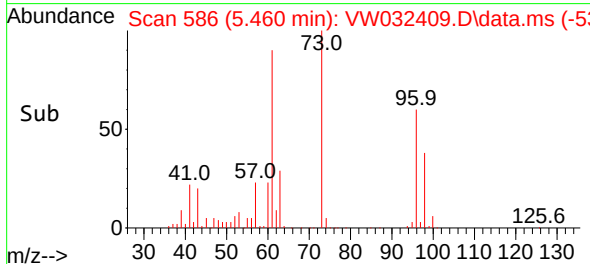
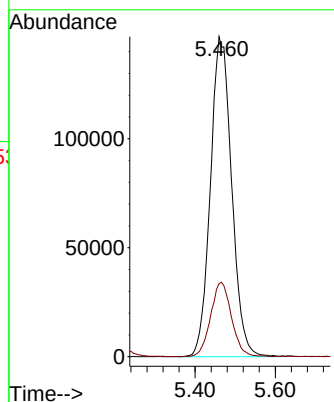
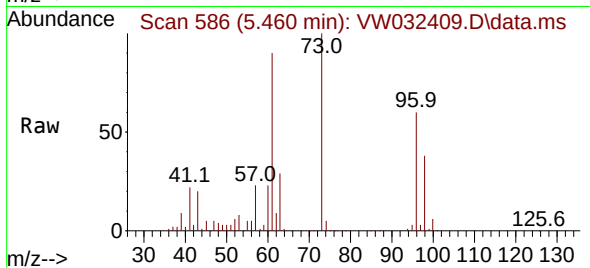




#19
Methyl tert-butyl Ether
Concen: 50.284 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

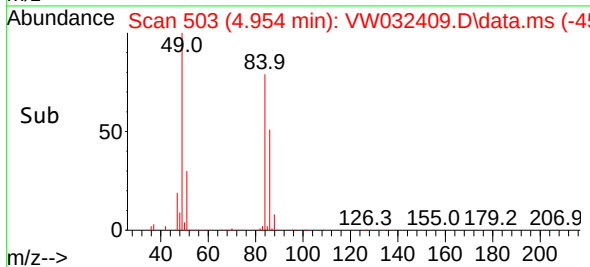
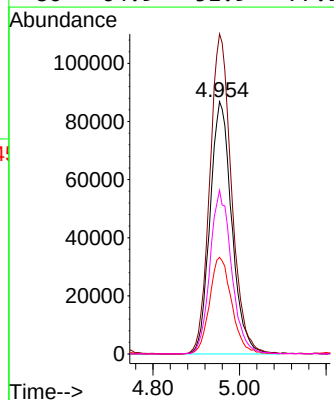
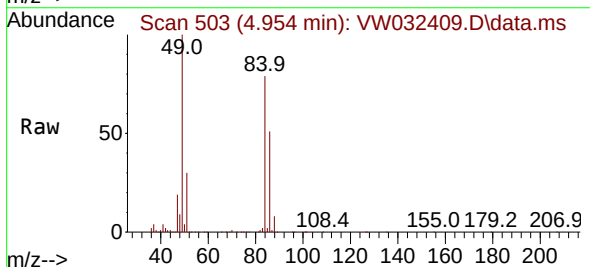
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

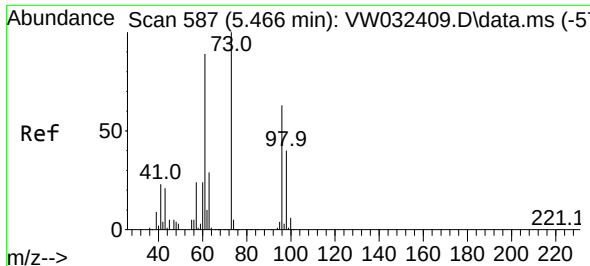
Tgt Ion: 73 Resp: 539886
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 46.367 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 84 Resp: 303080
Ion Ratio Lower Upper
84 100
49 126.9 101.5 152.3
51 38.3 30.6 46.0
86 64.9 51.9 77.9

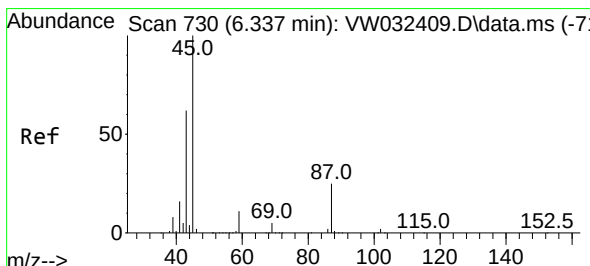
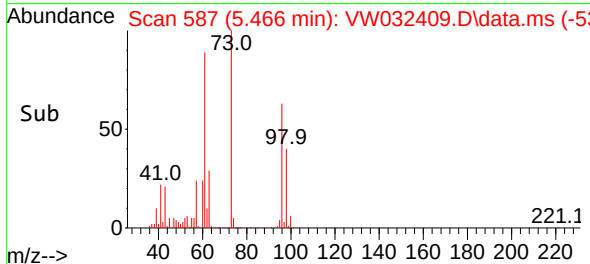
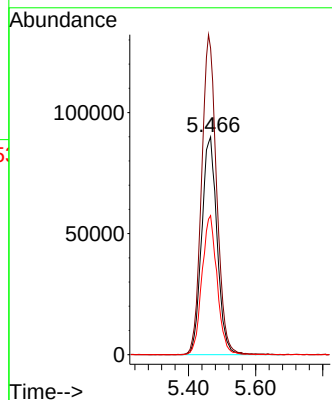
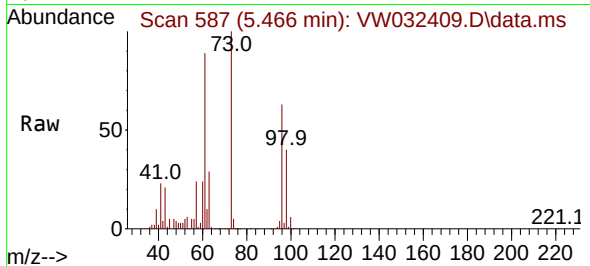




#21
trans-1,2-Dichloroethene
Concen: 49.100 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

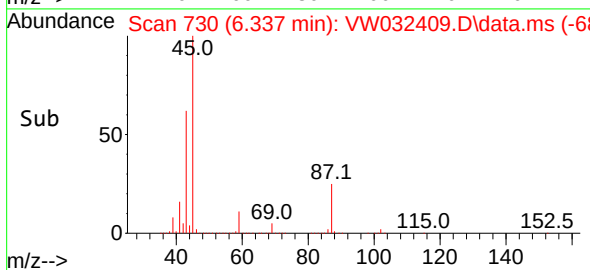
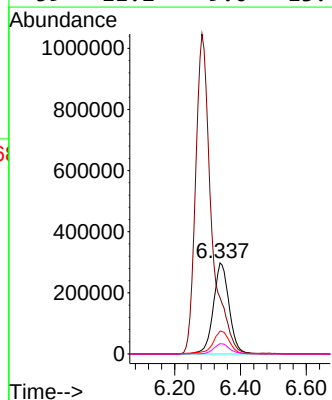
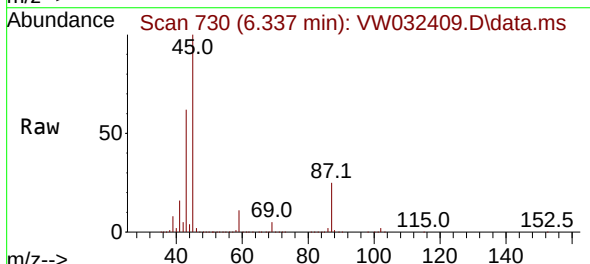
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

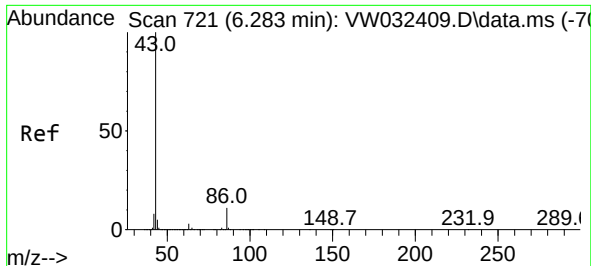
Tgt Ion: 96 Resp: 285957
Ion Ratio Lower Upper
96 100
61 140.6 112.5 168.7
98 63.9 51.1 76.7



#22
Diisopropyl ether
Concen: 49.536 ug/l
RT: 6.337 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 45 Resp: 987895
Ion Ratio Lower Upper
45 100
43 61.8 49.4 74.2
87 25.1 20.1 30.1
59 11.2 9.0 13.4

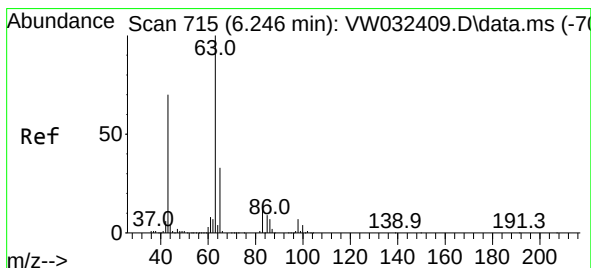
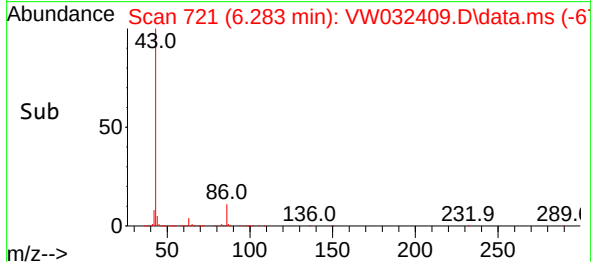
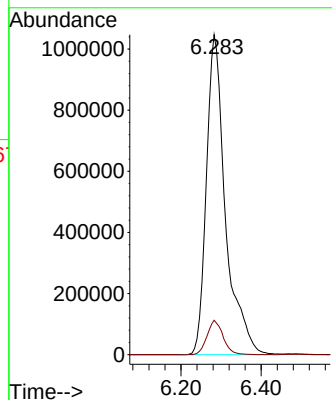
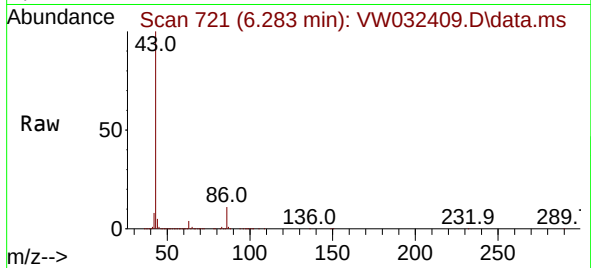




#23
 Vinyl Acetate
 Concen: 253.227 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

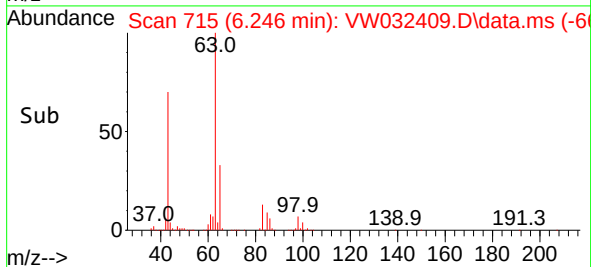
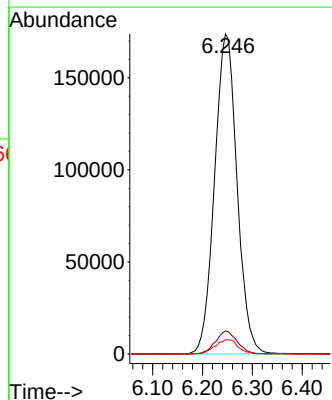
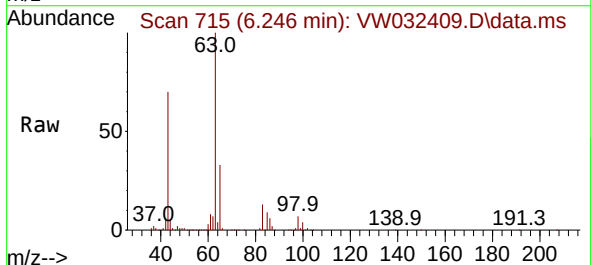
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

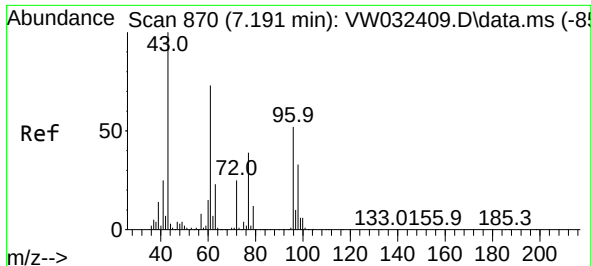
Tgt Ion: 43 Resp: 3459955
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.778 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion: 63 Resp: 543885
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.5 2.3 6.8

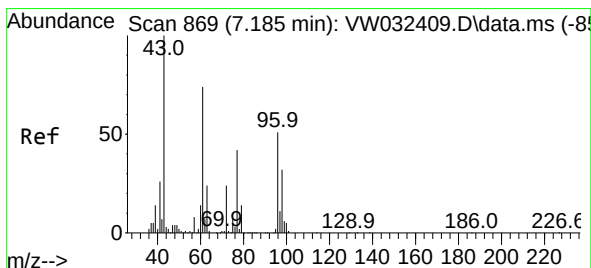
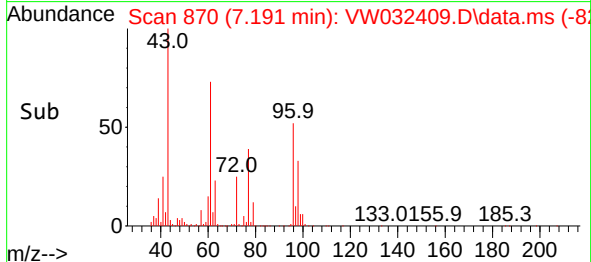
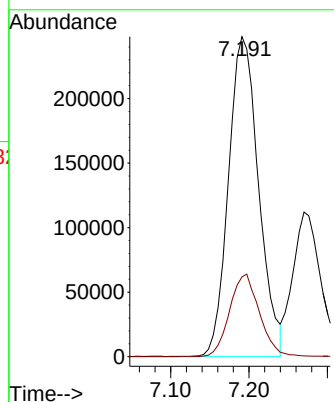
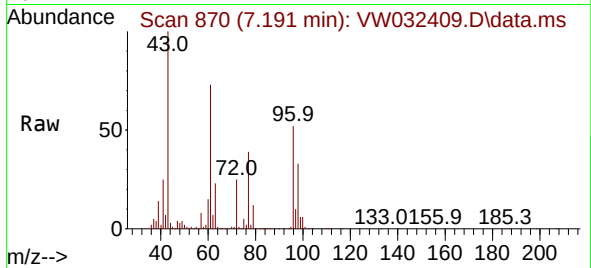




#25
2-Butanone
Concen: 246.293 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

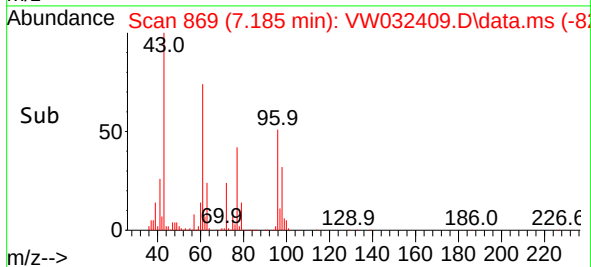
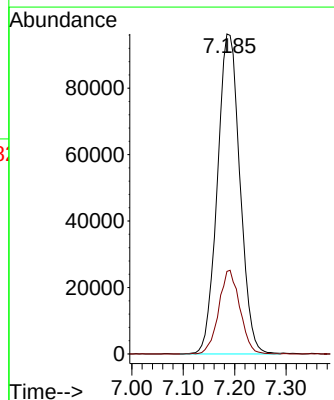
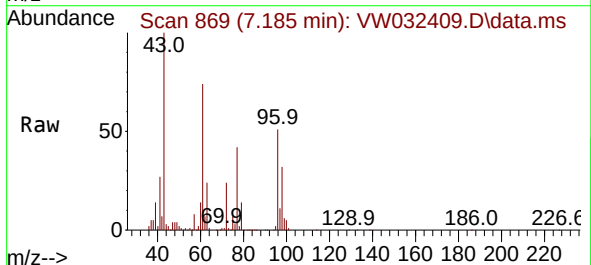
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

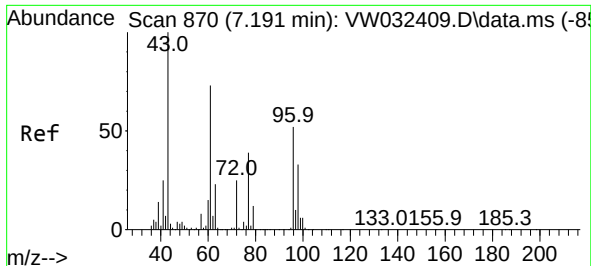
Tgt Ion: 43 Resp: 663205
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0



#26
2,2-Dichloropropane
Concen: 48.192 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 77 Resp: 293455
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 49.660 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

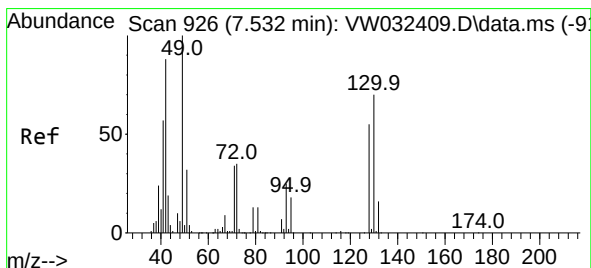
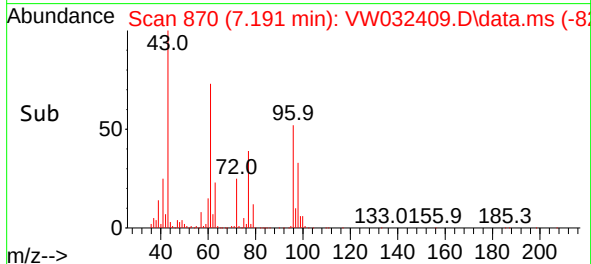
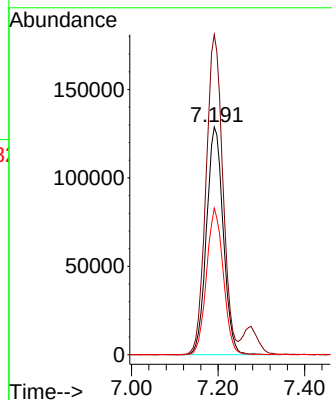
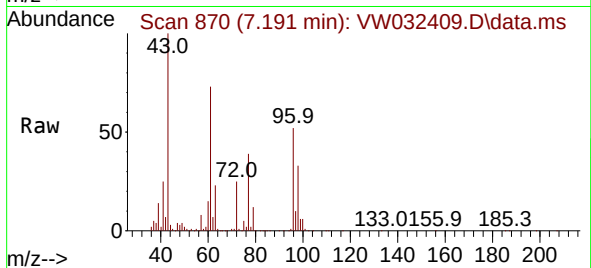
Tgt Ion: 96 Resp: 345581

Ion Ratio Lower Upper

96 100

61 141.3 0.0 282.6

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 46.067 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

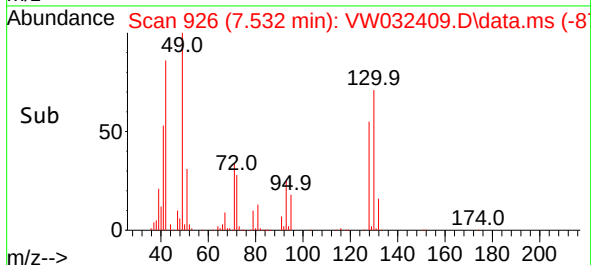
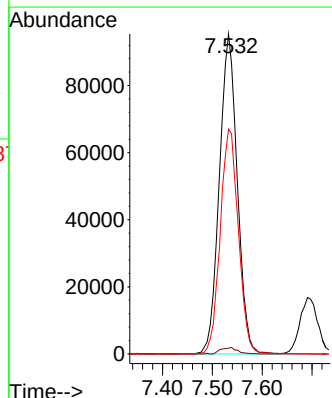
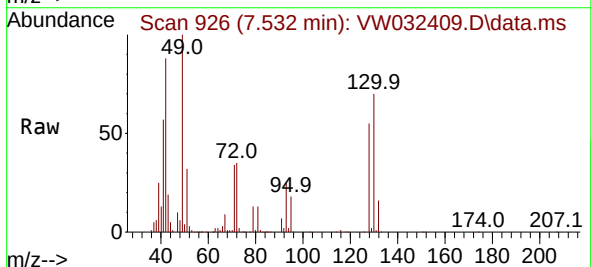
Tgt Ion: 49 Resp: 237900

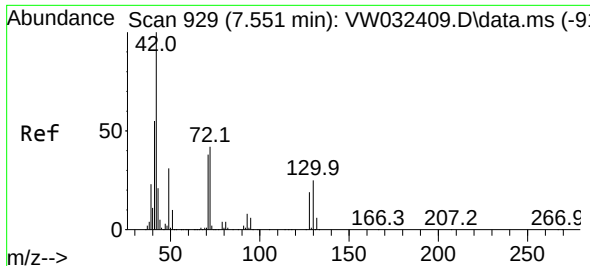
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 251.347 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

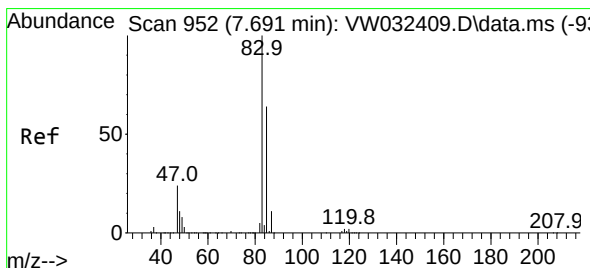
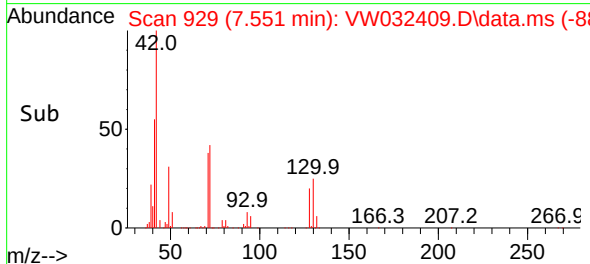
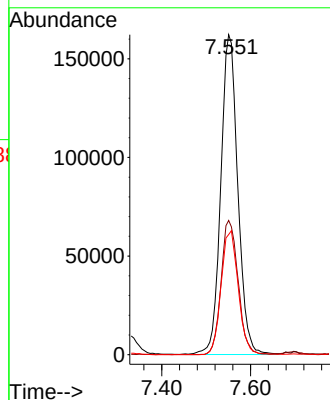
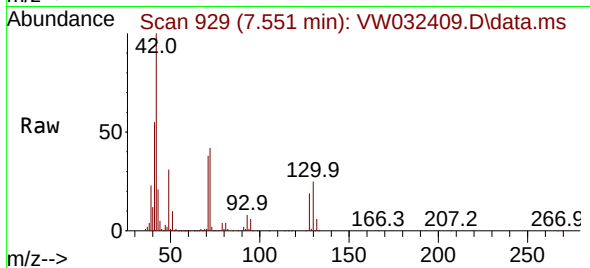
Tgt Ion: 42 Resp: 429579

Ion Ratio Lower Upper

42 100

72 42.0 33.6 50.4

71 39.2 31.4 47.0



#30

Chloroform

Concen: 49.110 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032409.D

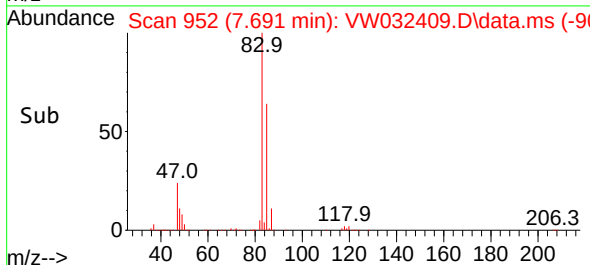
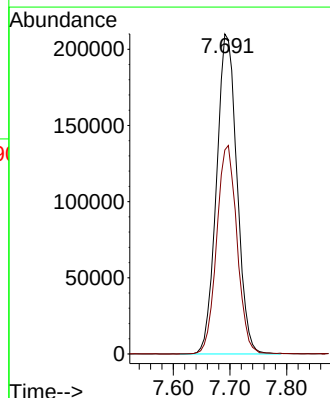
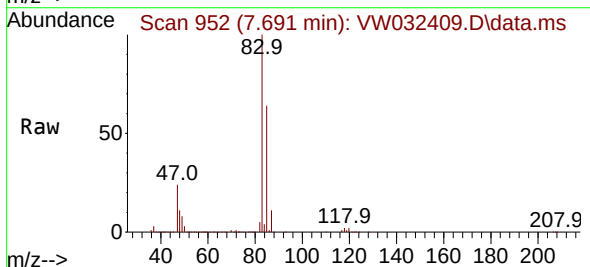
Acq: 10 Nov 2025 16:17

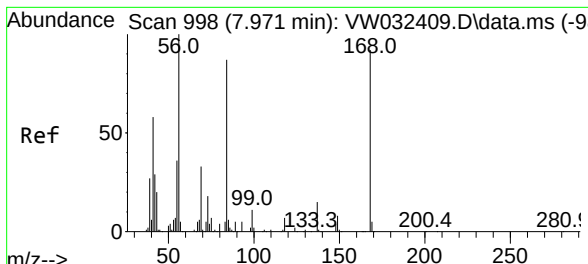
Tgt Ion: 83 Resp: 525290

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4



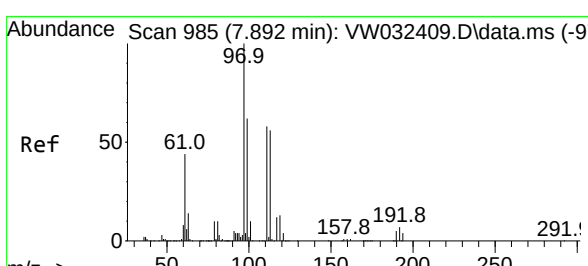
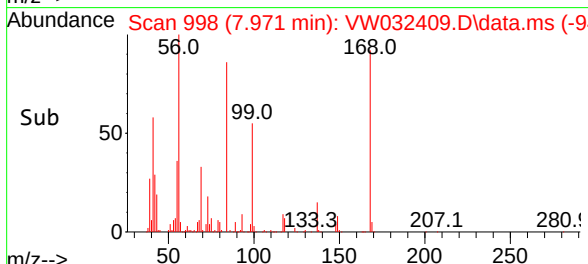
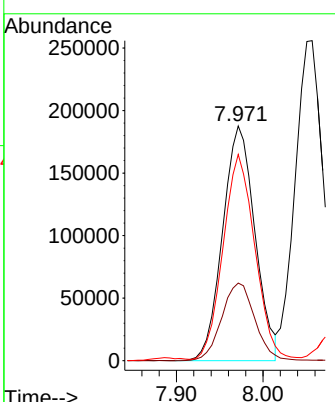
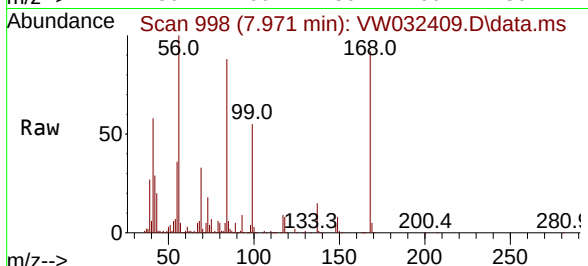


#31
Cyclohexane
Concen: 48.128 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 486431

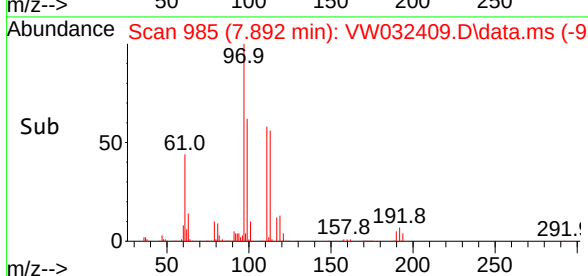
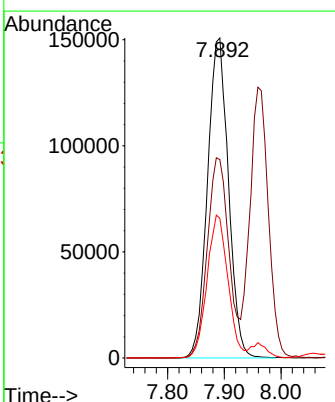
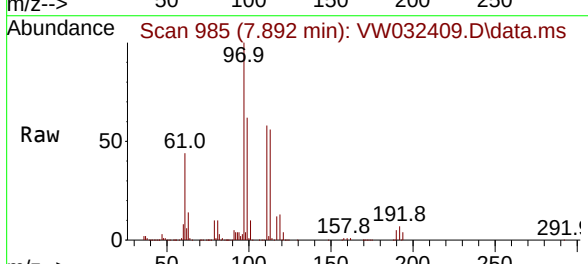
Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.5	39.7
84	87.0	69.6	104.4

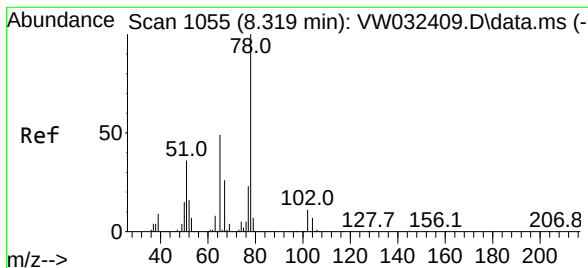


#32
1,1,1-Trichloroethane
Concen: 50.649 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 97 Resp: 387016

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	44.4	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 46.956 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

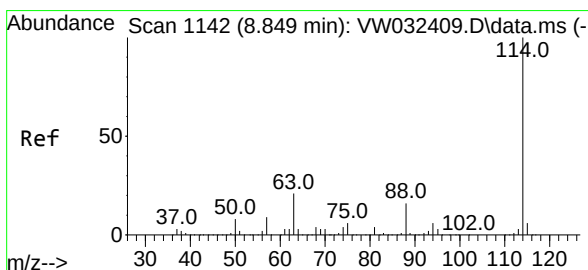
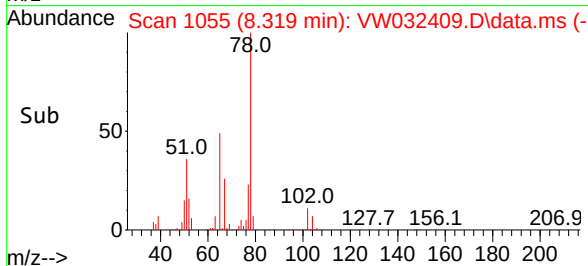
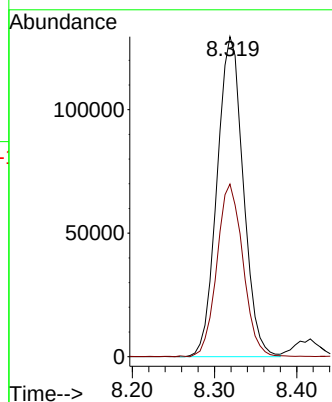
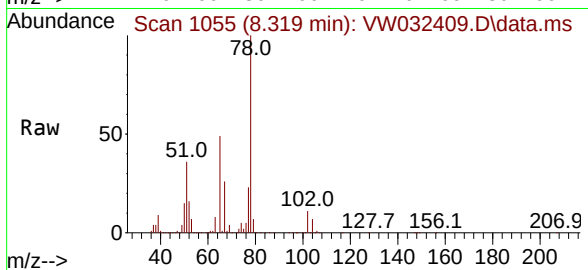
VSTDICCC050

Tgt Ion: 65 Resp: 286867

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: VW032409.D

Acq: 10 Nov 2025 16:17

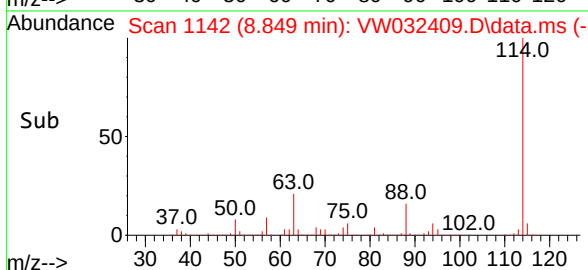
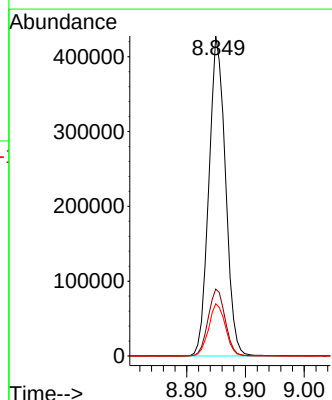
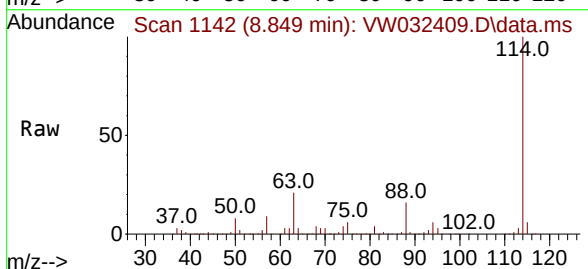
Tgt Ion: 114 Resp: 839187

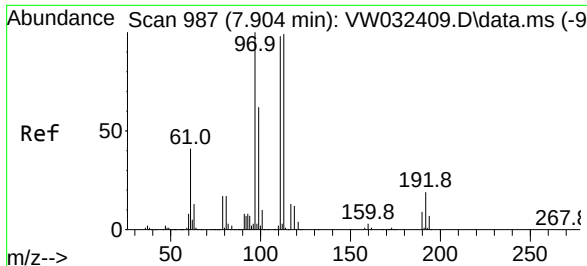
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.8

88 16.3 0.0 32.6

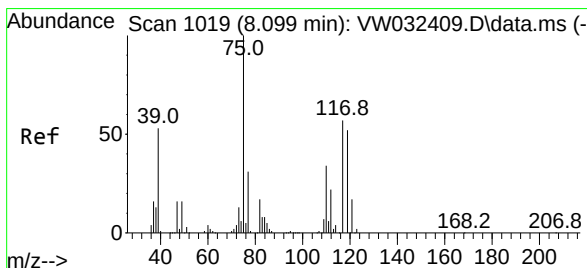
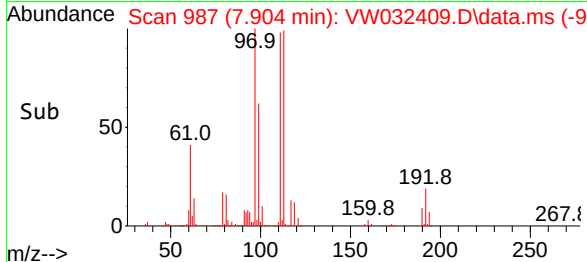
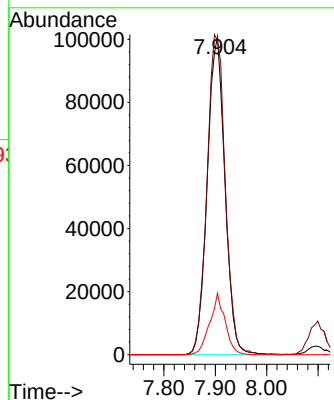
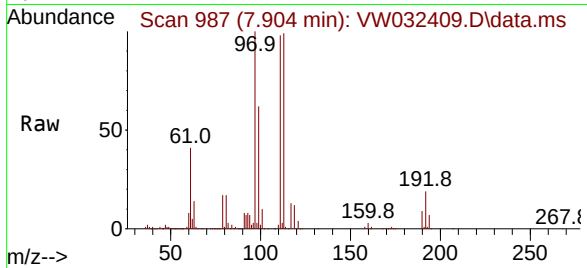




#35
Dibromofluoromethane
Concen: 47.923 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

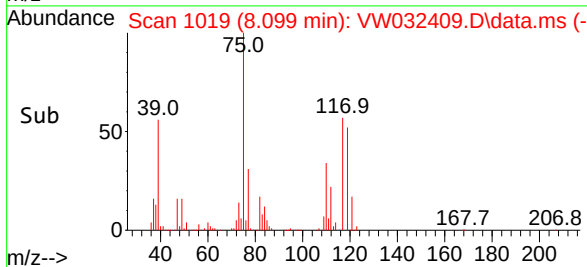
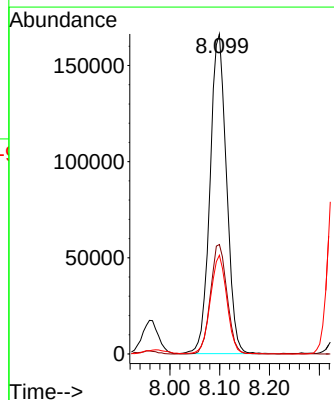
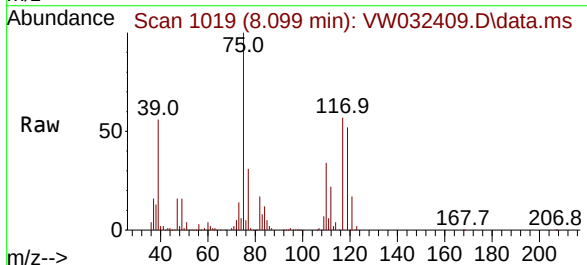
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

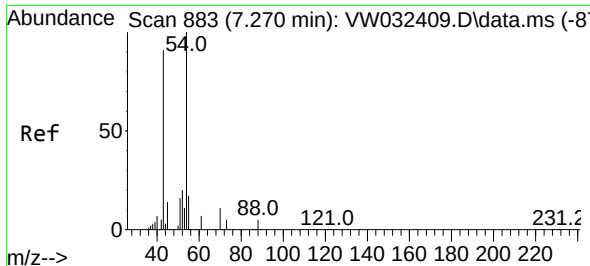
Tgt Ion:113 Resp: 240784
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 16.8 13.4 20.2



#36
1,1-Dichloropropene
Concen: 51.624 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 75 Resp: 382172
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 30.6 24.5 36.7

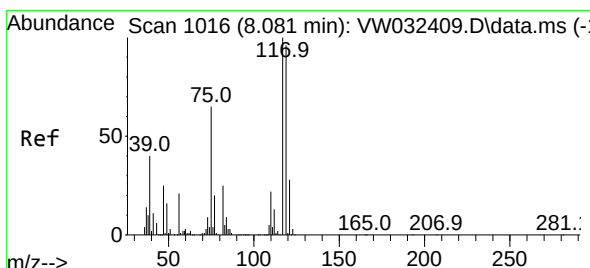
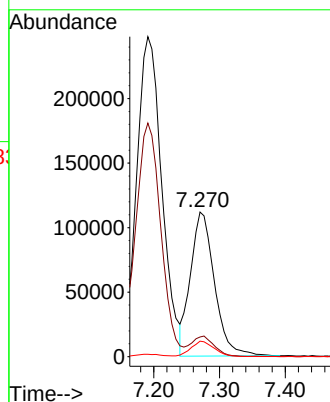
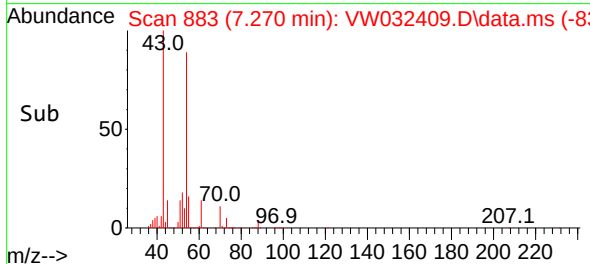
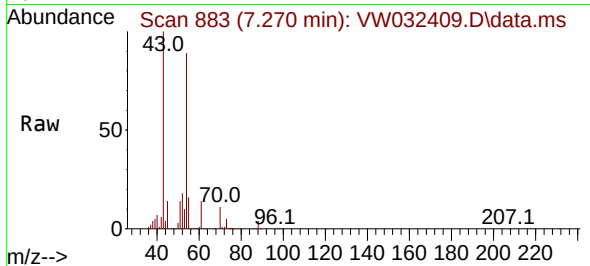




#37
Ethyl Acetate
Concen: 51.410 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

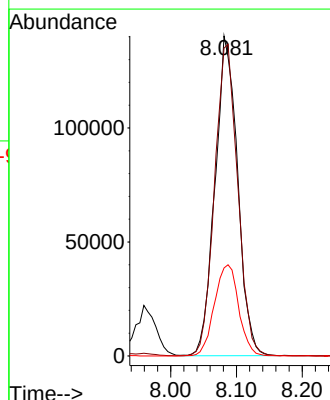
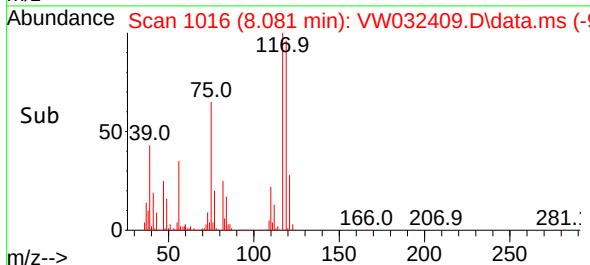
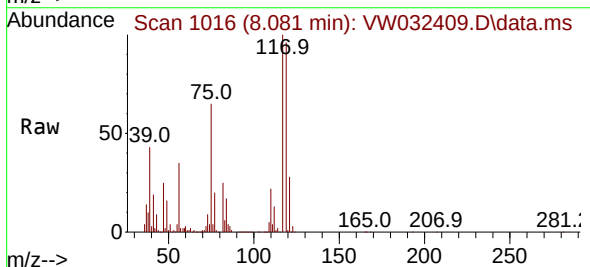
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

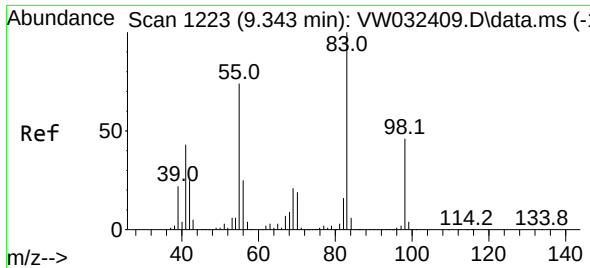
Tgt Ion: 43 Resp: 283001
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 50.897 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 117 Resp: 334794
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
121 27.5 22.0 33.0

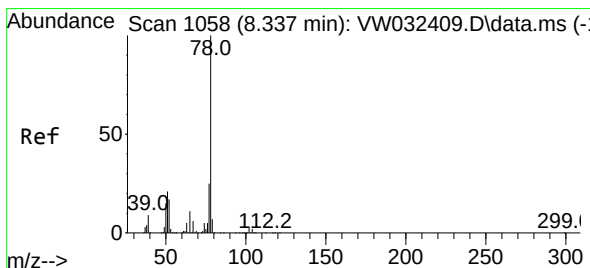
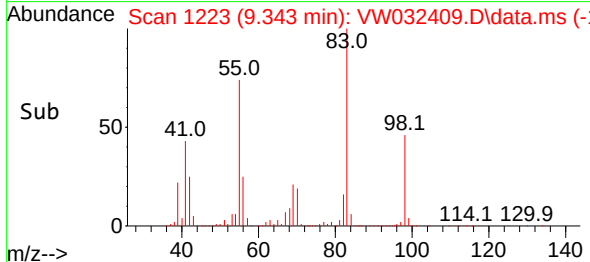
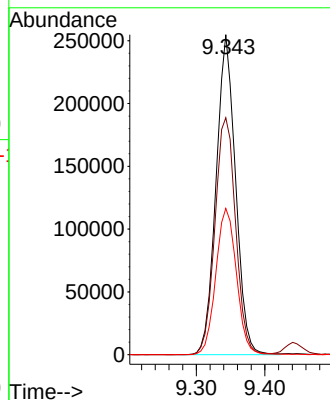
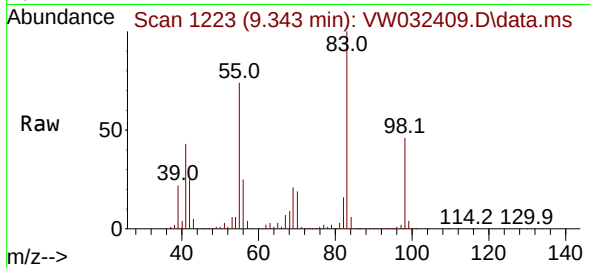




#39
Methylcyclohexane
Concen: 52.340 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

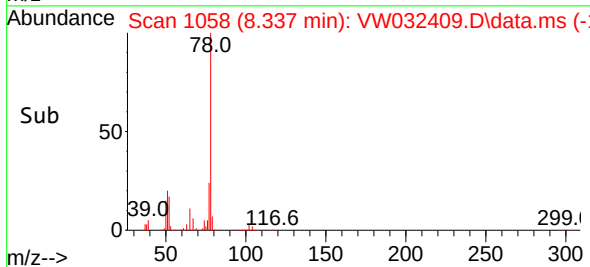
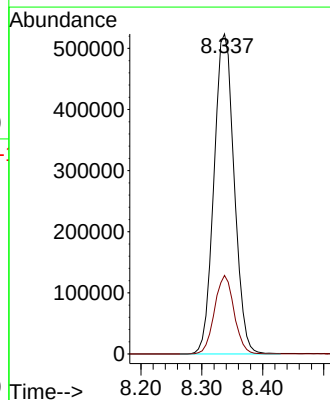
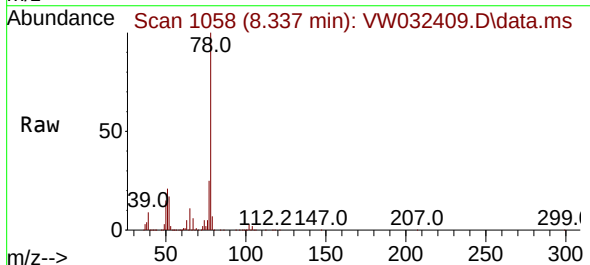
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

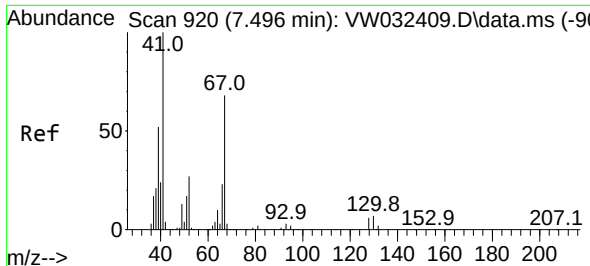
Tgt Ion: 83 Resp: 501951
Ion Ratio Lower Upper
83 100
55 74.0 59.2 88.8
98 45.7 36.6 54.8



#40
Benzene
Concen: 50.596 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 78 Resp: 1206225
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



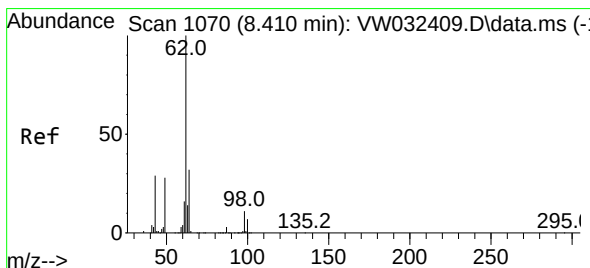
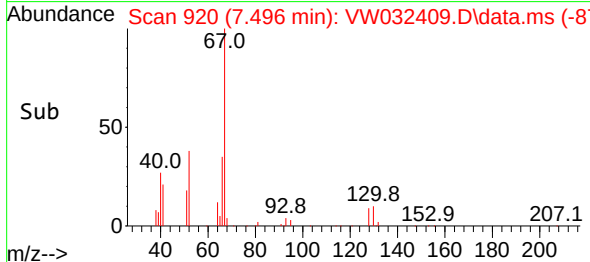
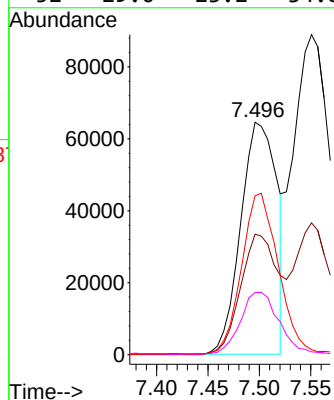
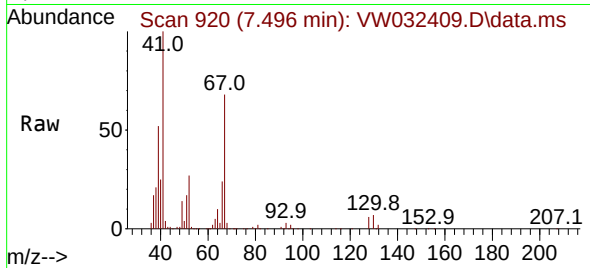


#41
Methacrylonitrile
Concen: 51.970 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 157157

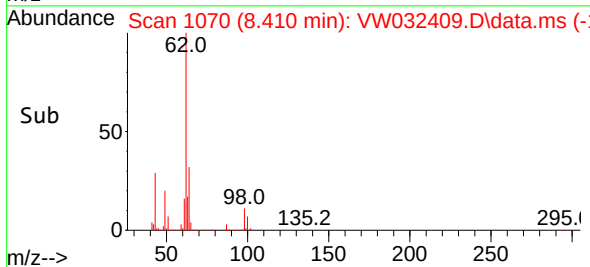
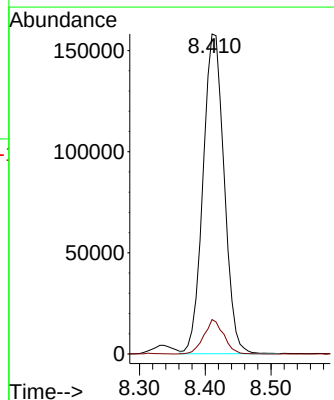
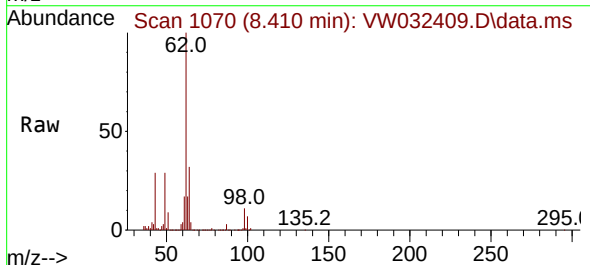
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.6	66.8
67	72.0	57.6	86.4
52	29.0	23.2	34.8

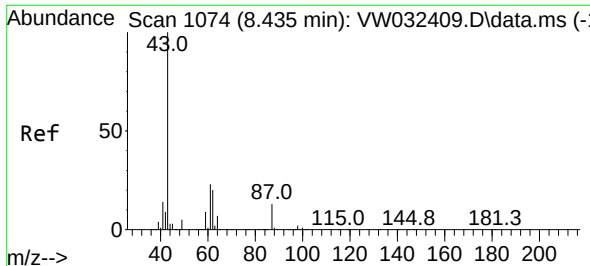


#42
1,2-Dichloroethane
Concen: 50.470 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 62 Resp: 353418

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

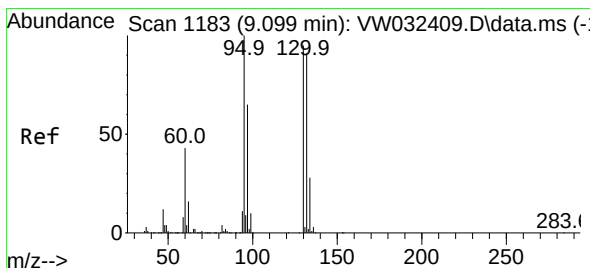
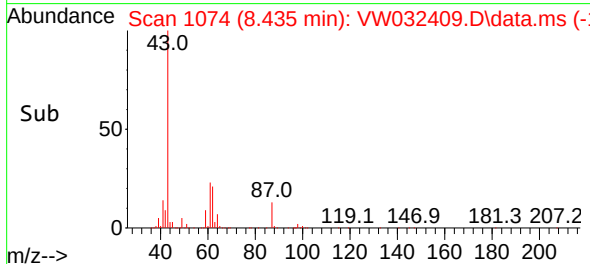
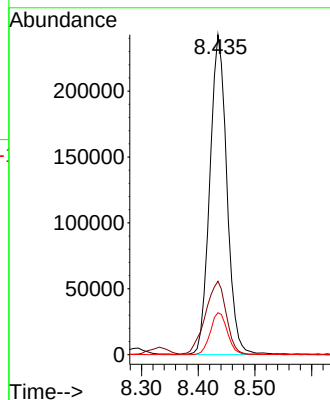
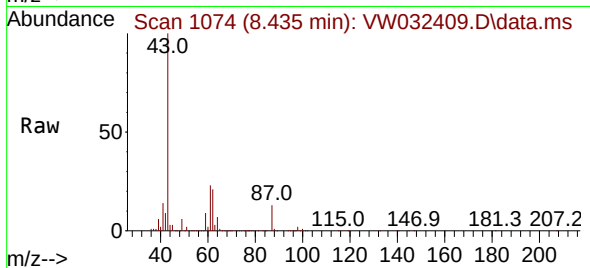




#43
Isopropyl Acetate
Concen: 52.003 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

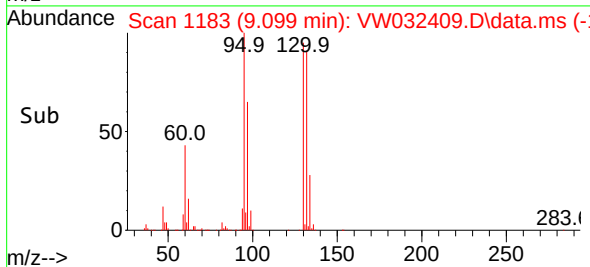
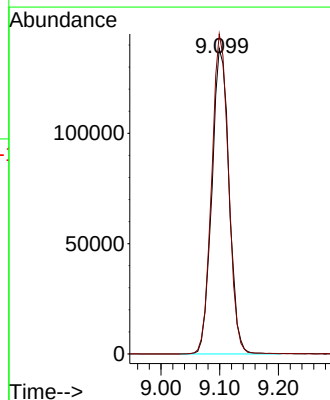
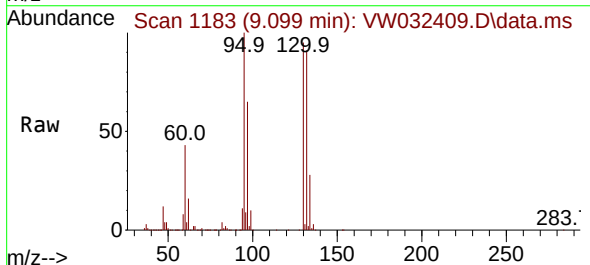
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

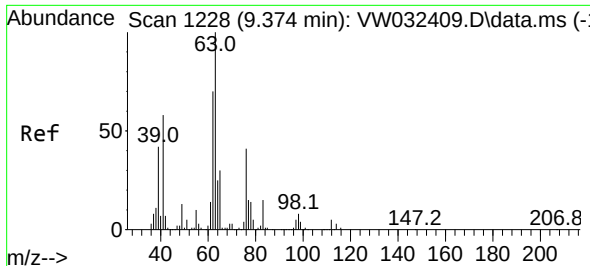
Tgt Ion: 43 Resp: 506886
Ion Ratio Lower Upper
43 100
61 28.2 22.6 33.8
87 13.2 10.6 15.8



#44
Trichloroethene
Concen: 50.643 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion:130 Resp: 280938
Ion Ratio Lower Upper
130 100
95 104.8 0.0 209.6

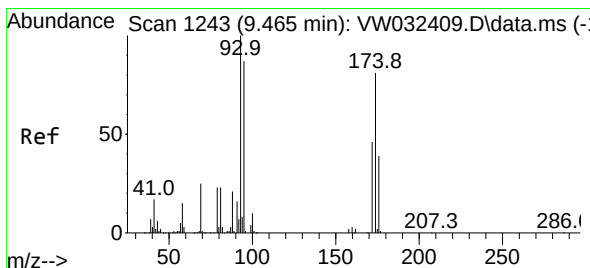
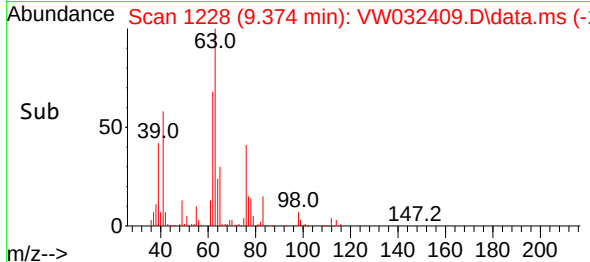
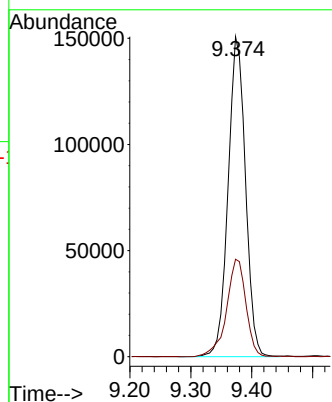
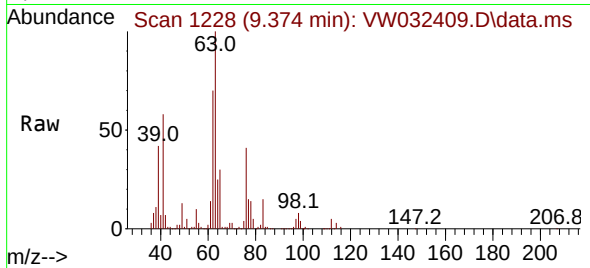




#45
1,2-Dichloropropane
Concen: 50.321 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

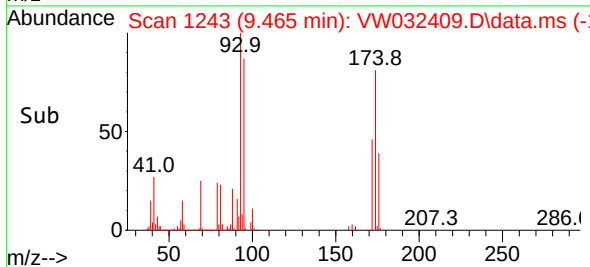
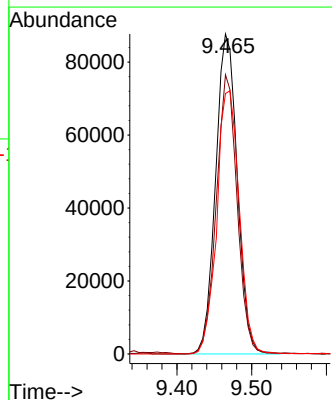
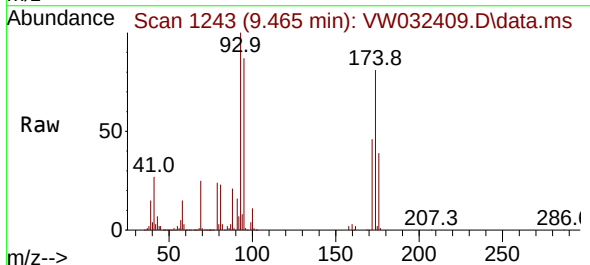
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

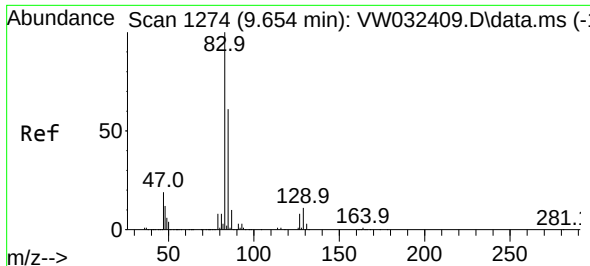
Tgt Ion: 63 Resp: 298715
Ion Ratio Lower Upper
63 100
65 30.5 24.4 36.6



#46
Dibromomethane
Concen: 51.095 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 93 Resp: 177243
Ion Ratio Lower Upper
93 100
95 83.9 67.1 100.7
174 85.3 68.2 102.4

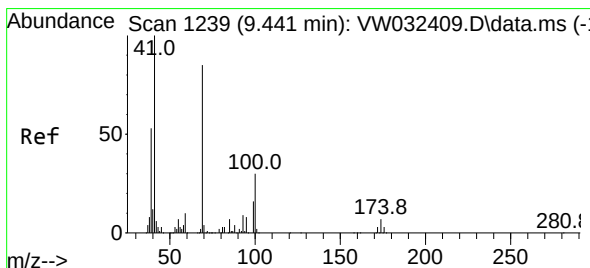
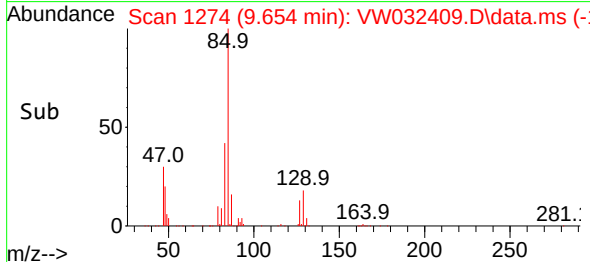
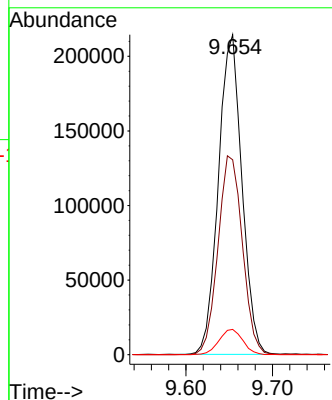
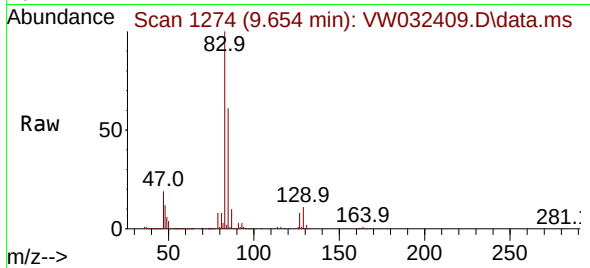




#47
 Bromodichloromethane
 Concen: 51.082 ug/l
 RT: 9.654 min Scan# 1274
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

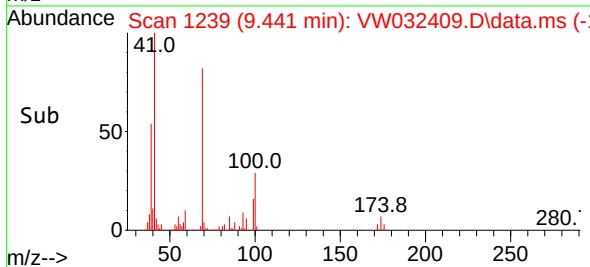
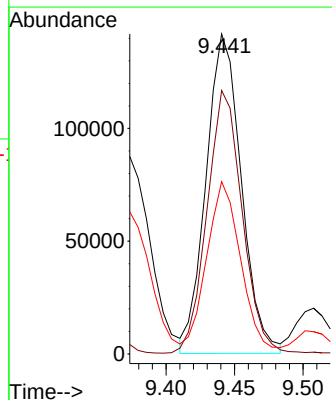
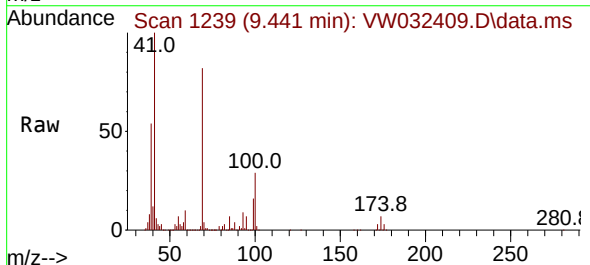
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

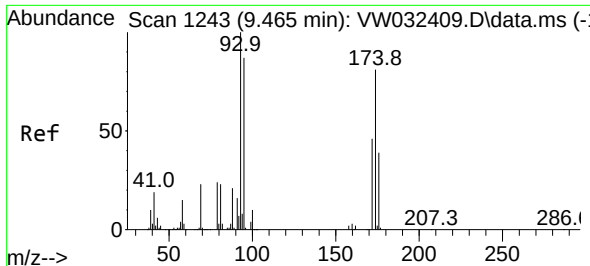
Tgt Ion: 83 Resp: 404213
 Ion Ratio Lower Upper
 83 100
 85 60.9 48.7 73.1
 127 7.9 6.3 9.5



#48
 Methyl methacrylate
 Concen: 54.845 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion: 41 Resp: 254032
 Ion Ratio Lower Upper
 41 100
 69 82.2 65.8 98.6
 39 48.2 38.6 57.8

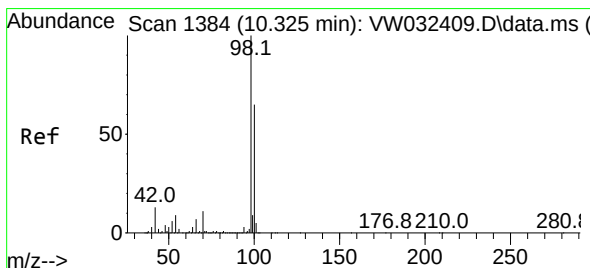
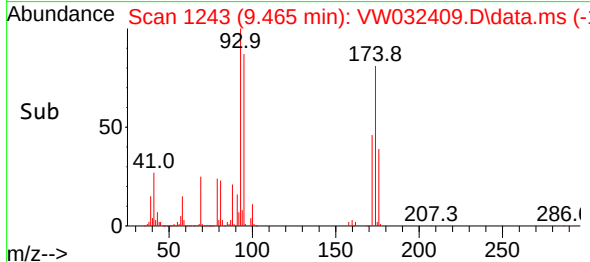
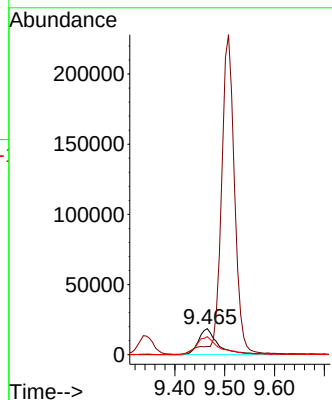
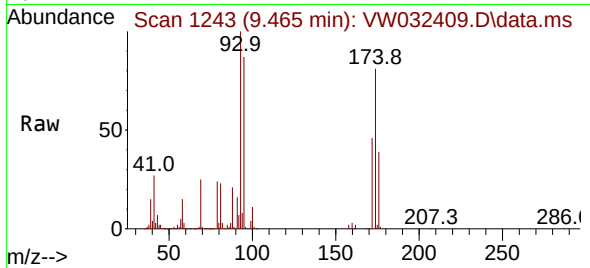




#49
1,4-Dioxane
Concen: 1060.466 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

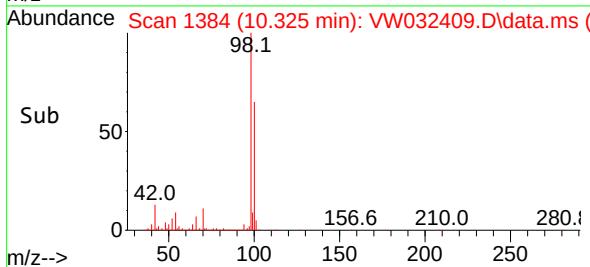
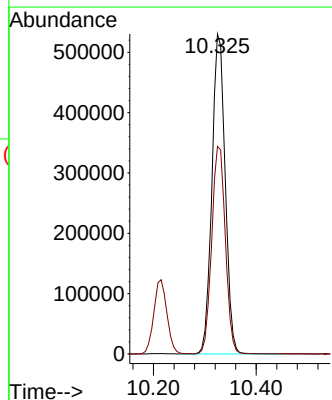
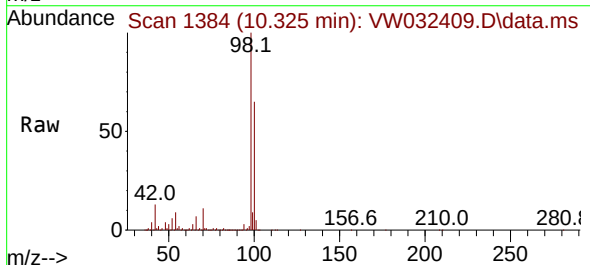
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

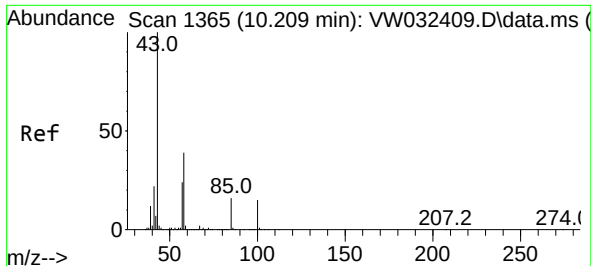
Tgt Ion: 88 Resp: 51534
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.7 63.0 94.4



#50
Toluene-d8
Concen: 49.216 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 98 Resp: 948663
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9

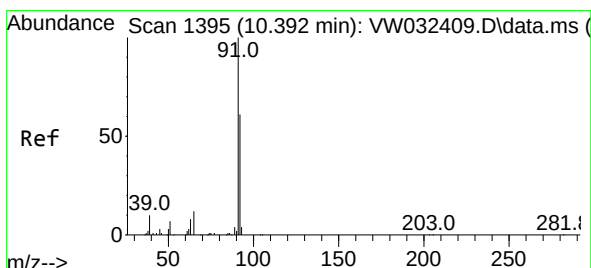
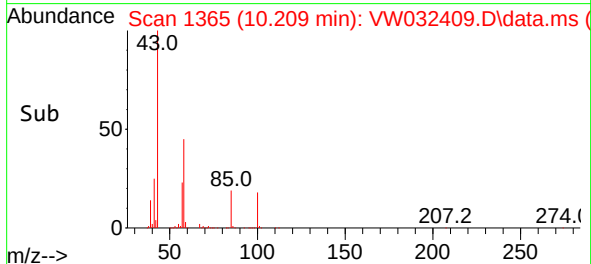
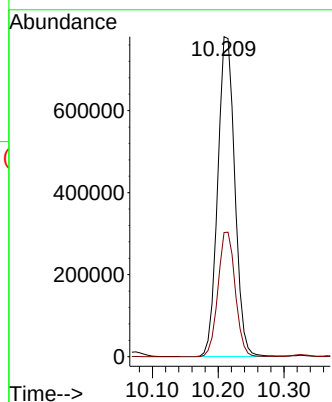
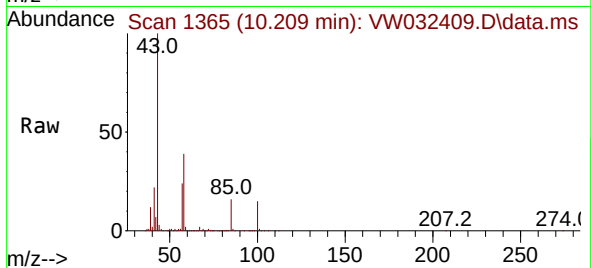




#51
4-Methyl-2-Pentanone
Concen: 261.951 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

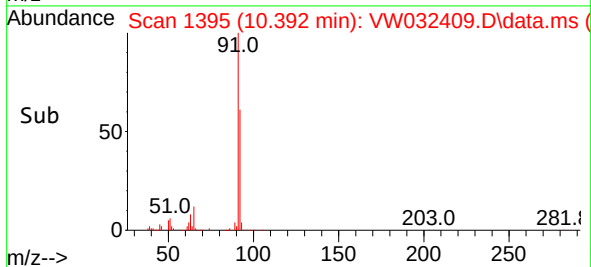
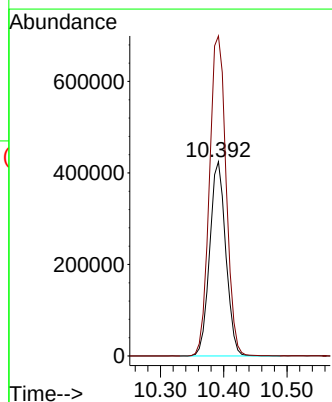
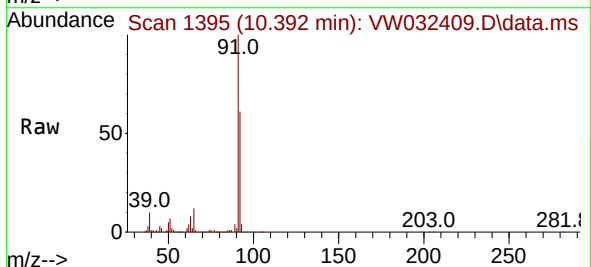
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

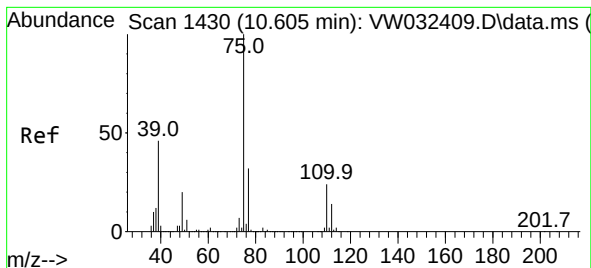
Tgt Ion: 43 Resp: 1411536
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2



#52
Toluene
Concen: 50.957 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 92 Resp: 750381
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0

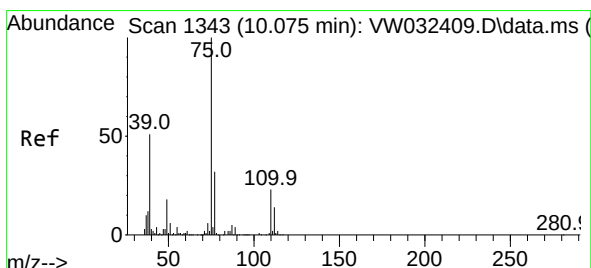
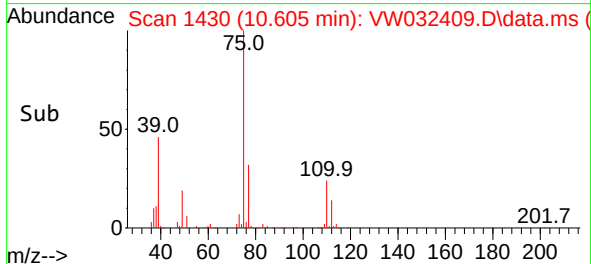
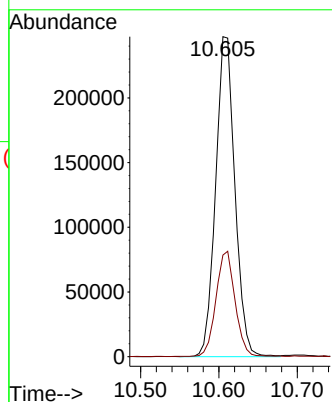
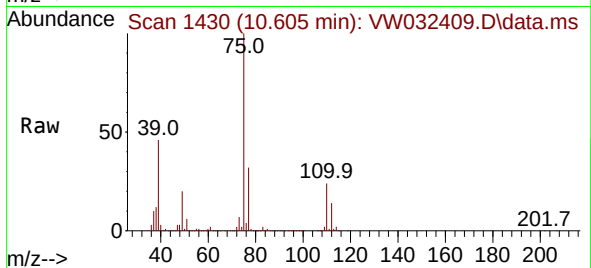




#53
t-1,3-Dichloropropene
Concen: 51.852 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

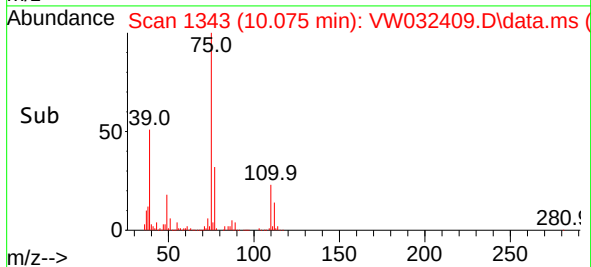
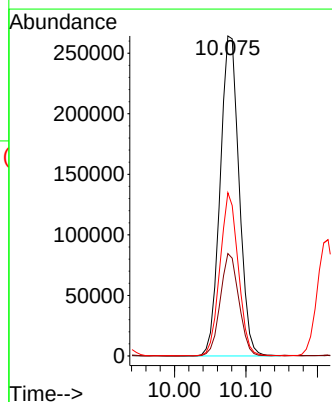
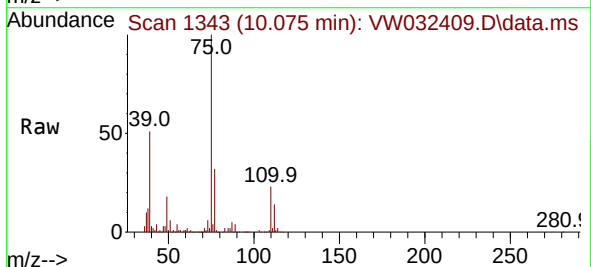
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

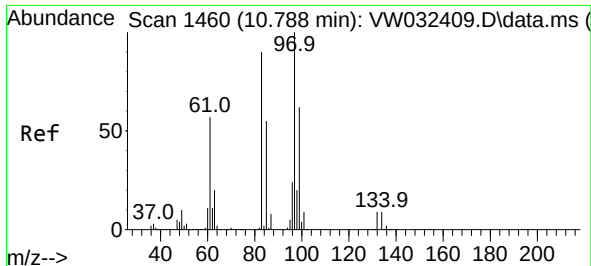
Tgt Ion: 75 Resp: 422565
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 51.519 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 75 Resp: 485529
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 50.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 51.620 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 245652

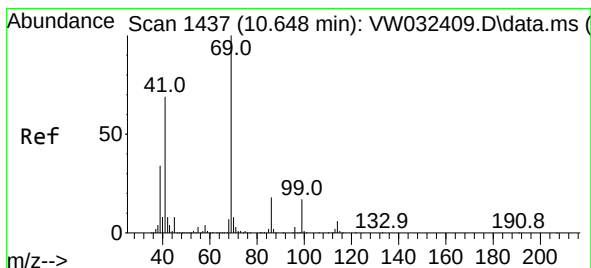
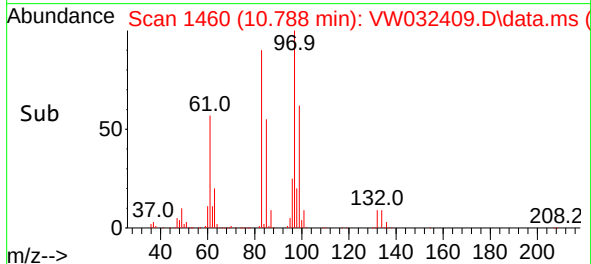
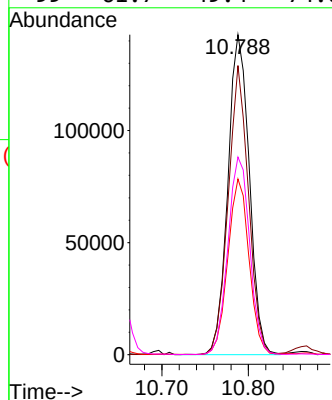
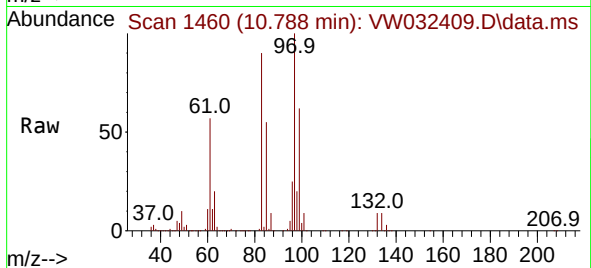
Ion Ratio Lower Upper

97 100

83 90.3 72.2 108.4

85 54.8 43.8 65.8

99 61.7 49.4 74.0



#56

Ethyl methacrylate

Concen: 52.675 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

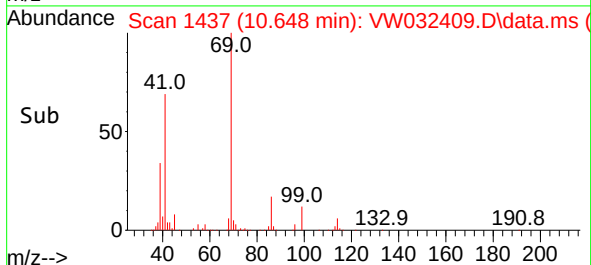
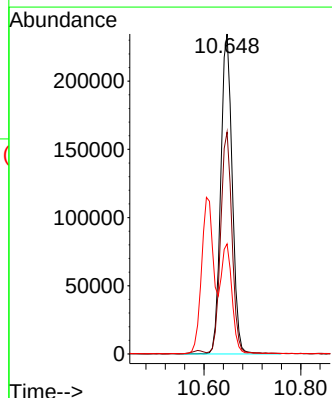
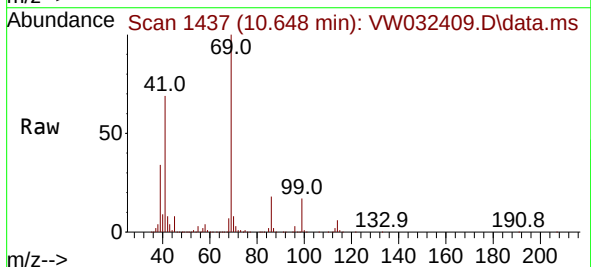
Tgt Ion: 69 Resp: 384615

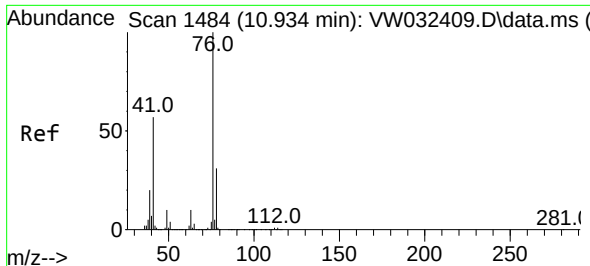
Ion Ratio Lower Upper

69 100

41 68.0 54.4 81.6

39 31.7 25.4 38.0

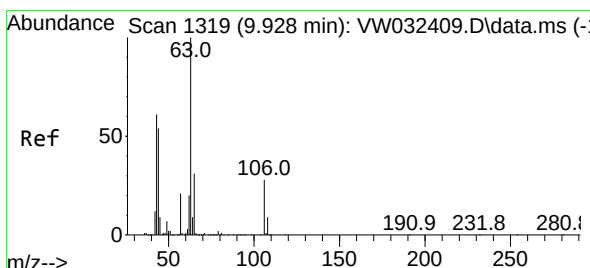
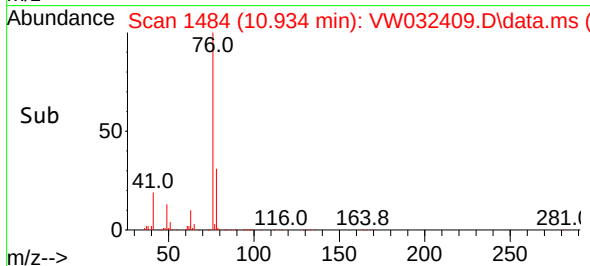
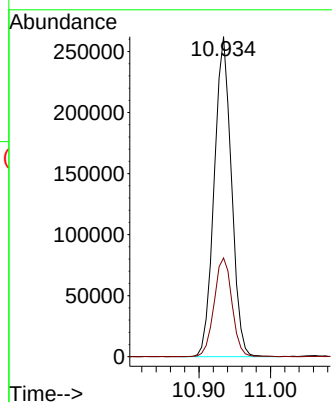
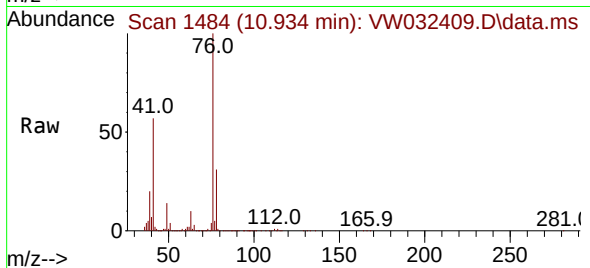




#57
1,3-Dichloropropane
Concen: 51.590 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

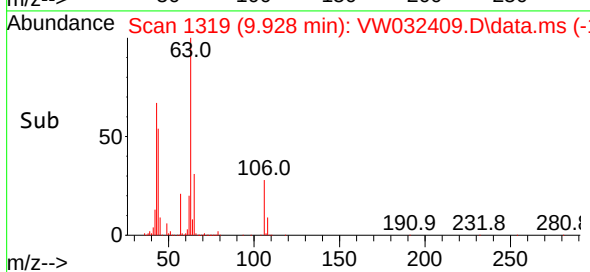
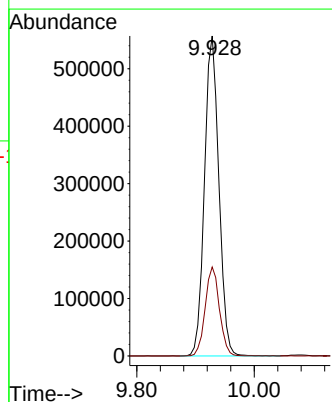
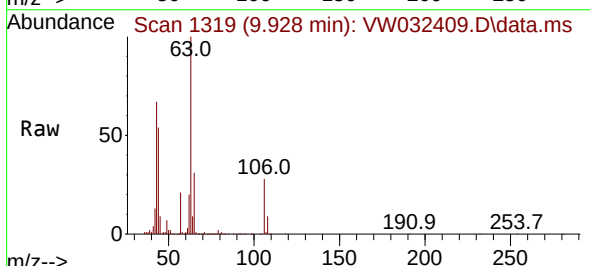
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

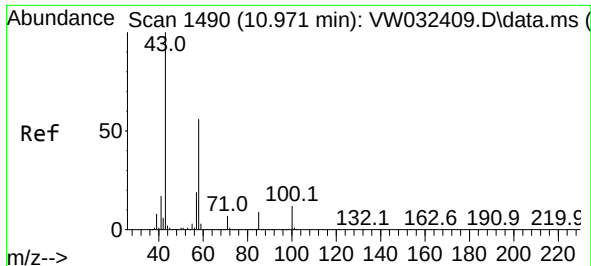
Tgt Ion: 76 Resp: 438483
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 243.759 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 63 Resp: 947852
Ion Ratio Lower Upper
63 100
106 27.5 22.0 33.0

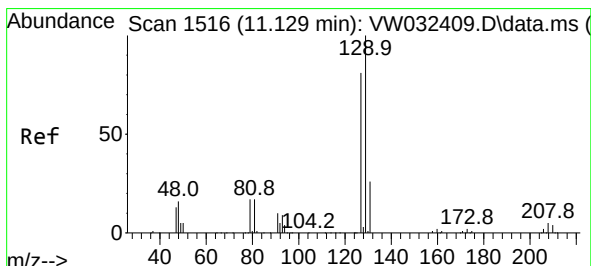
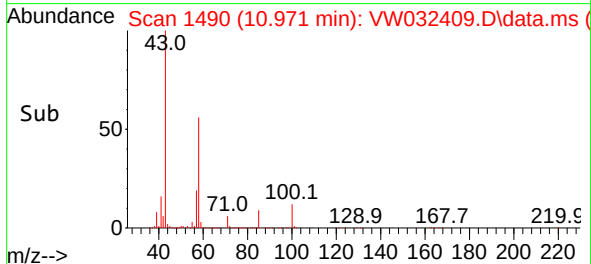
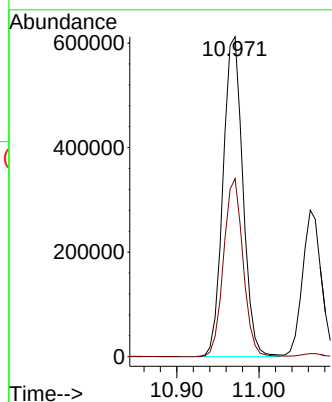
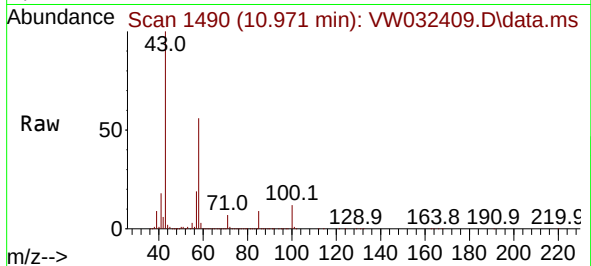




#59
2-Hexanone
Concen: 259.873 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

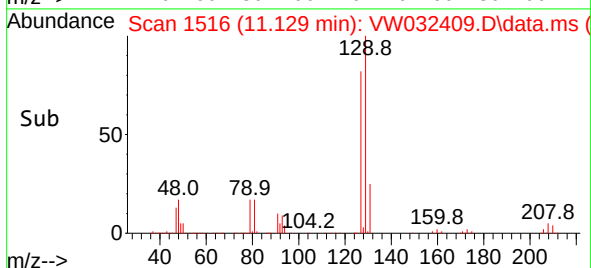
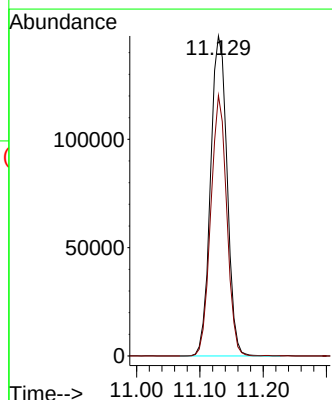
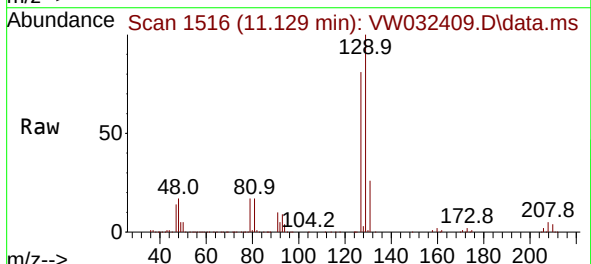
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

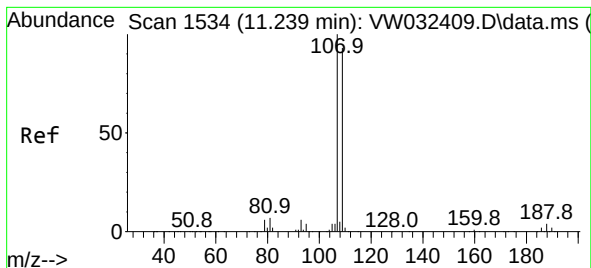
Tgt Ion: 43 Resp: 1024540
Ion Ratio Lower Upper
43 100
58 54.8 27.4 82.2



#60
Dibromochloromethane
Concen: 50.499 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion:129 Resp: 268368
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

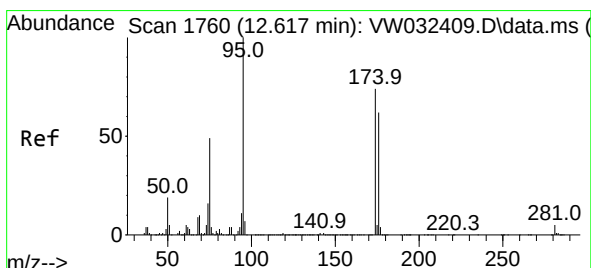
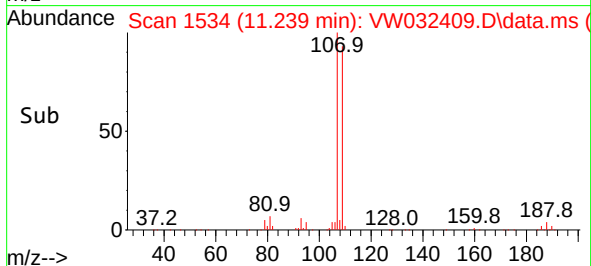
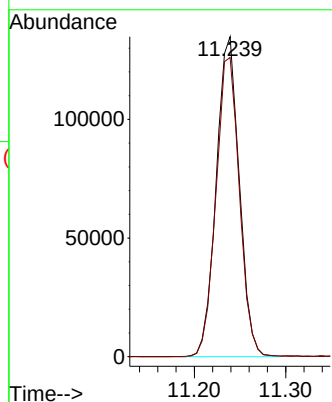
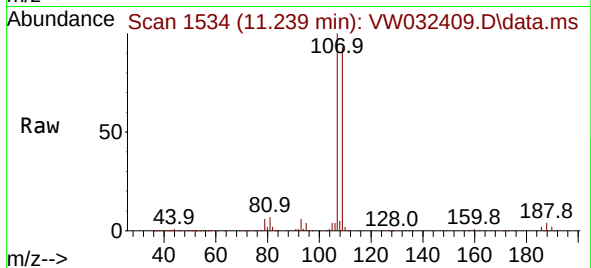




#61
1,2-Dibromoethane
Concen: 50.842 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

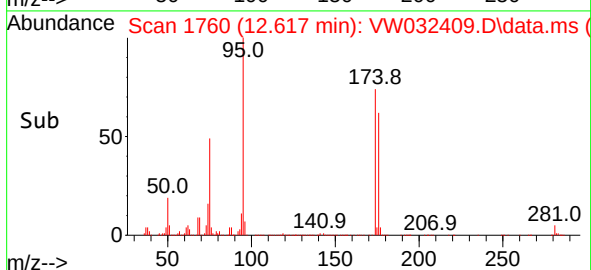
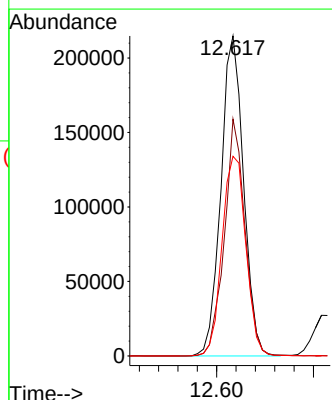
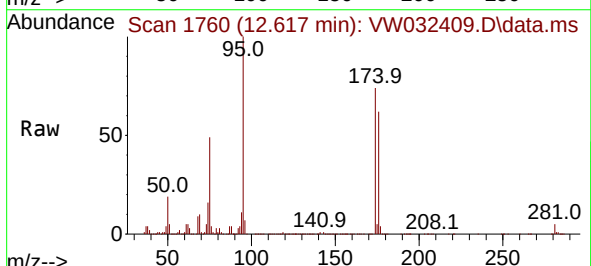
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

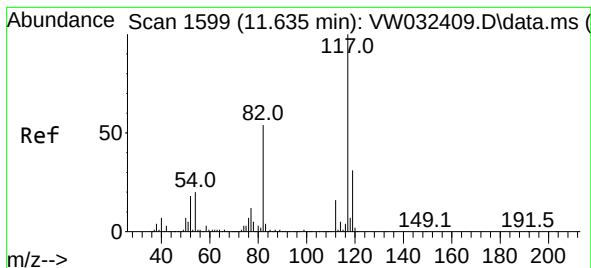
Tgt Ion:107 Resp: 235648
Ion Ratio Lower Upper
107 100
109 95.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 47.811 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 95 Resp: 348133
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.4
176 65.9 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

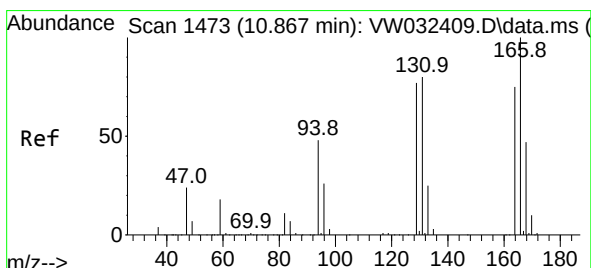
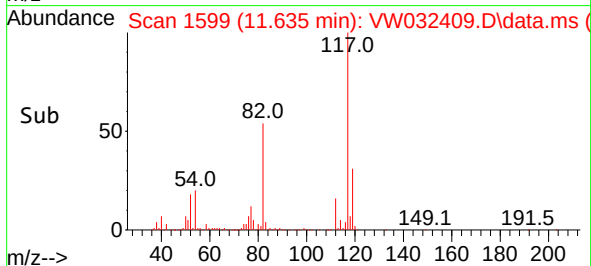
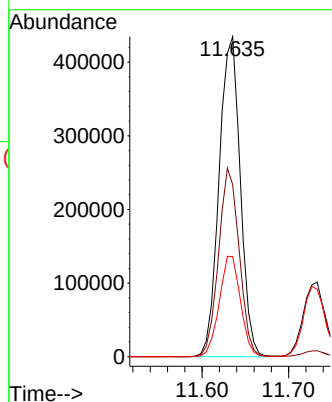
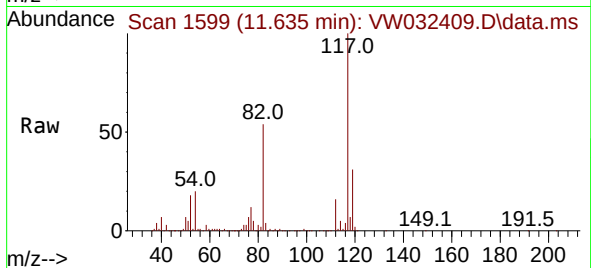
Tgt Ion:117 Resp: 738113

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

119 31.3 25.0 37.6



#64

Tetrachloroethene

Concen: 50.729 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Tgt Ion:164 Resp: 221732

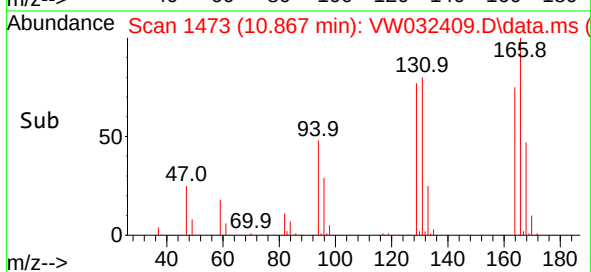
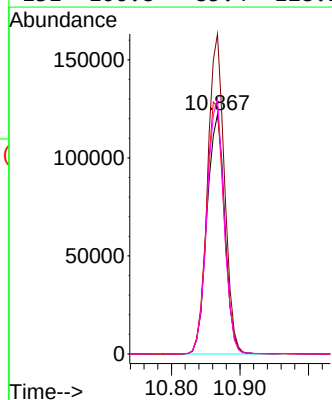
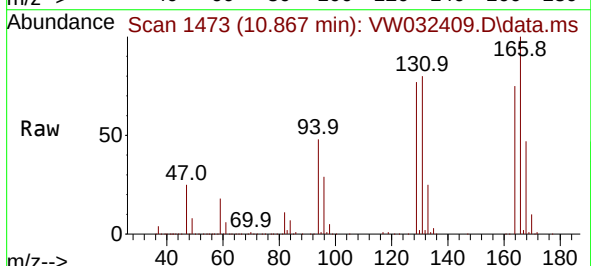
Ion Ratio Lower Upper

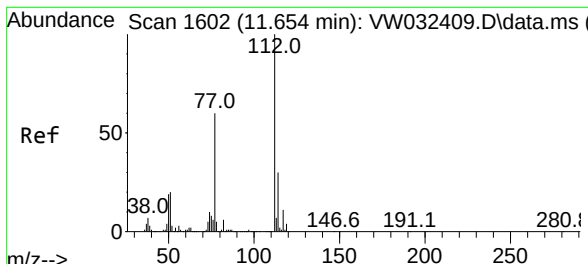
164 100

166 133.7 107.0 160.4

129 103.6 82.9 124.3

131 106.8 85.4 128.2

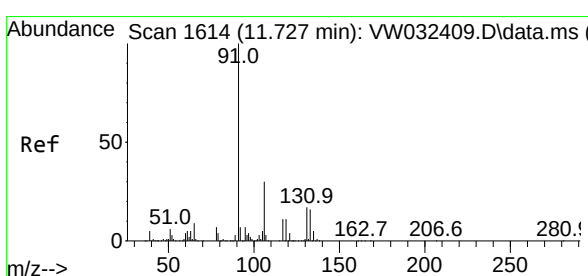
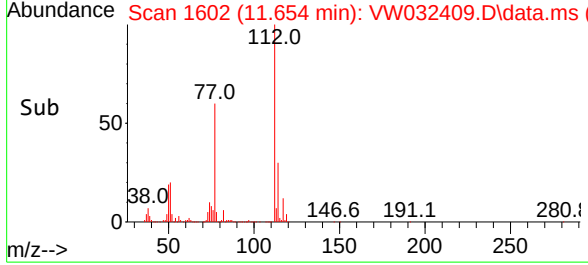
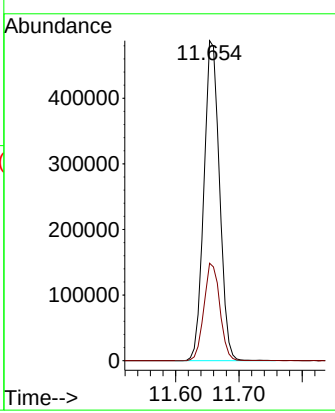
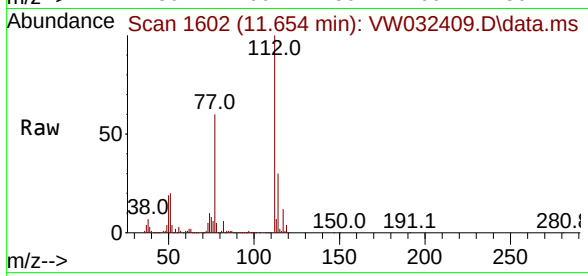




#65
Chlorobenzene
Concen: 52.585 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

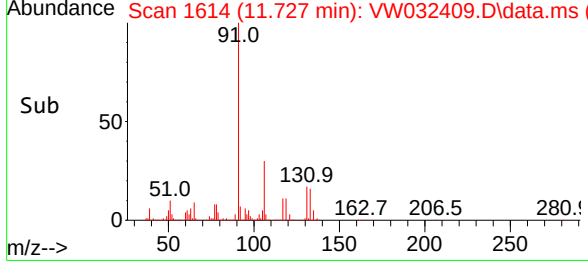
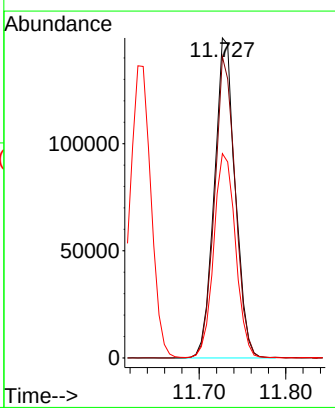
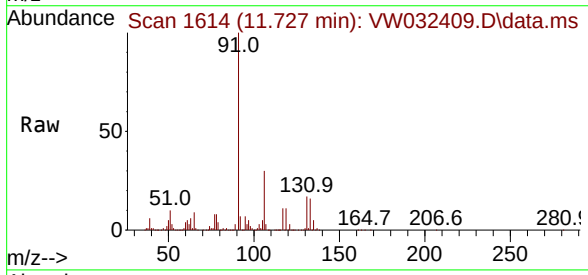
Instrument : MSVOA_W
ClientSampleId : VSTDICCC050

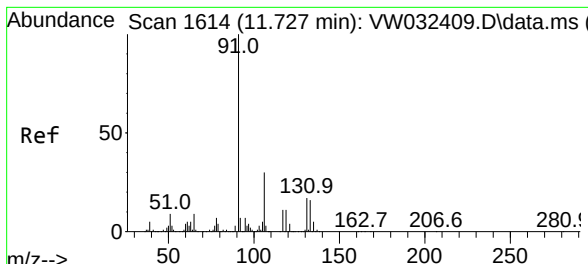
Tgt Ion:	112	Resp:	836572
Ion Ratio	Lower	Upper	
112	100		
114	30.5	24.4	36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.760 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion:	131	Resp:	249919
Ion Ratio	Lower	Upper	
131	100		
133	93.7	46.9	140.6
119	66.8	33.4	100.2

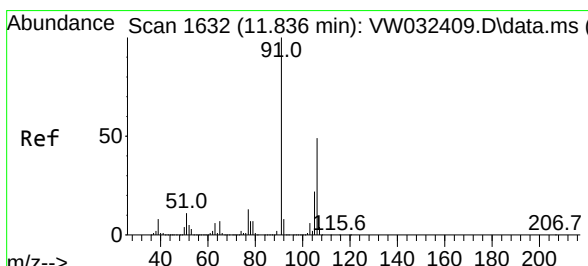
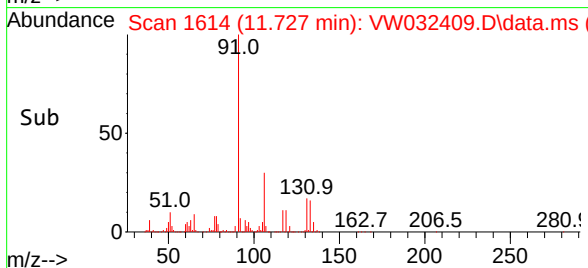
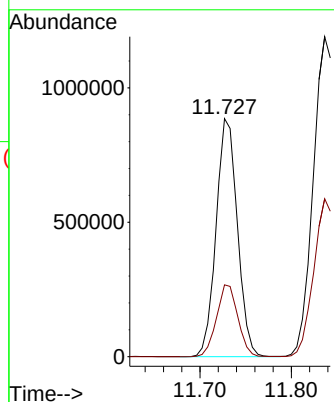
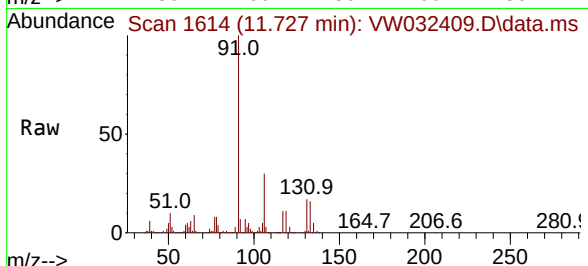




#67
Ethyl Benzene
Concen: 52.113 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

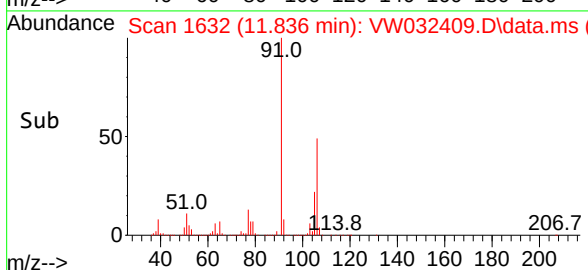
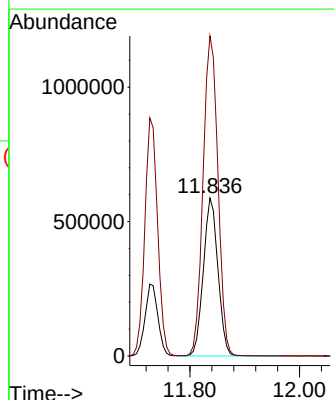
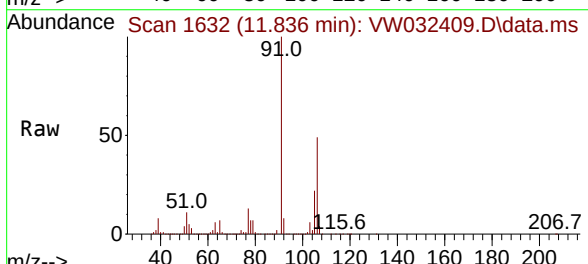
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

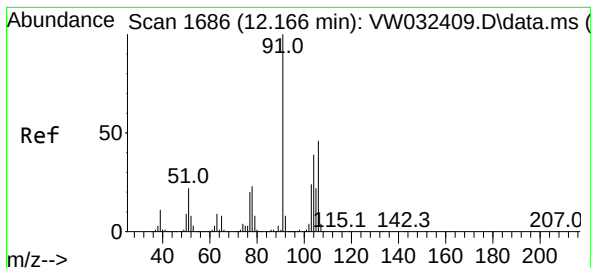
Tgt Ion: 91 Resp: 1434522
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 104.508 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 106 Resp: 1080126
Ion Ratio Lower Upper
106 100
91 206.9 165.5 248.3

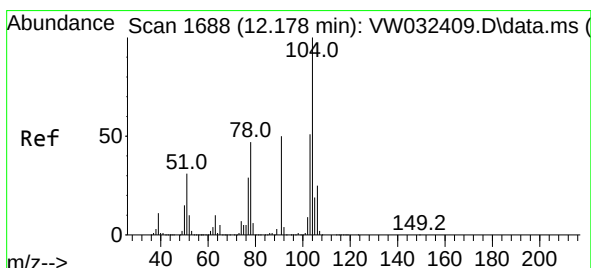
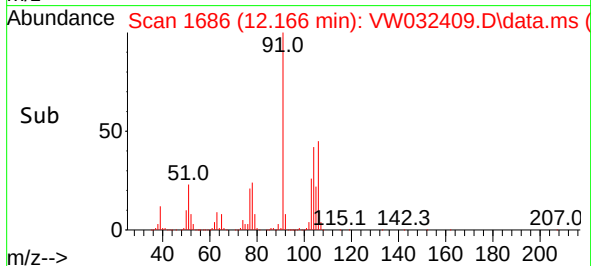
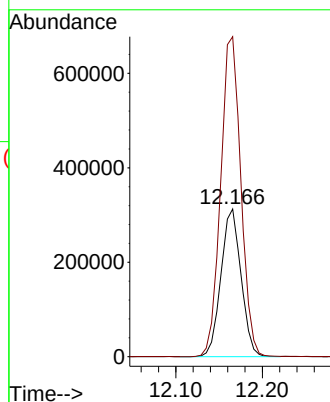
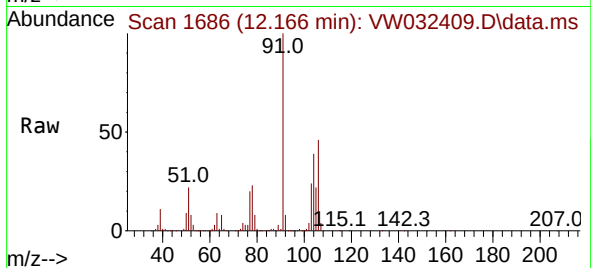




#69
o-Xylene
Concen: 50.833 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

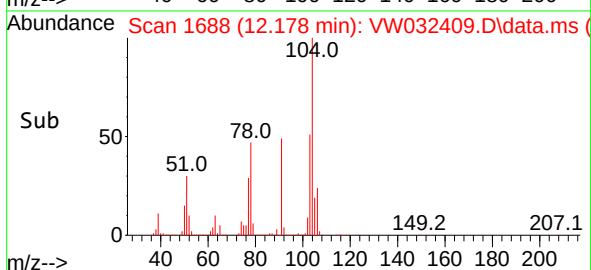
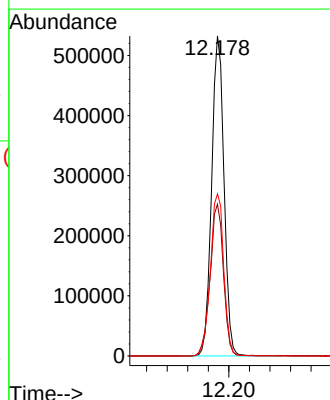
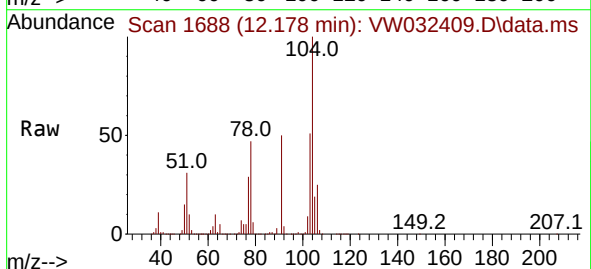
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

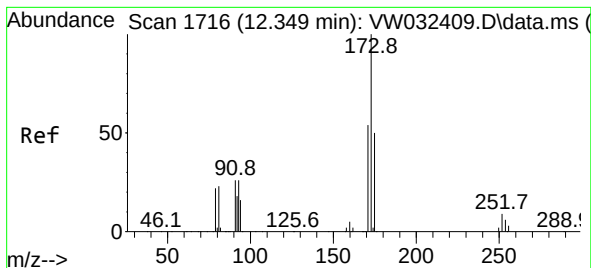
Tgt Ion:106 Resp: 503049
Ion Ratio Lower Upper
106 100
91 218.5 109.3 327.8



#70
Styrene
Concen: 52.373 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion:104 Resp: 891578
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.9 43.9 65.9





#71

Bromoform

Concen: 51.352 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

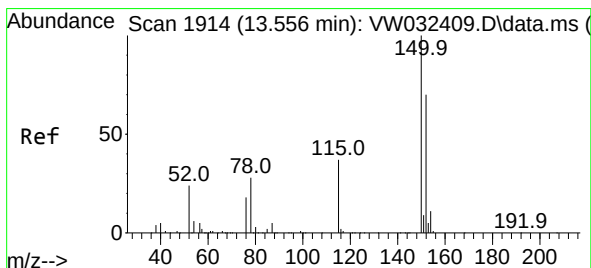
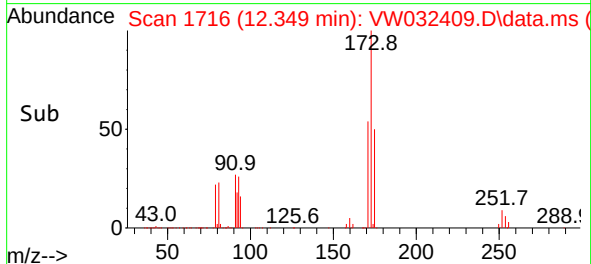
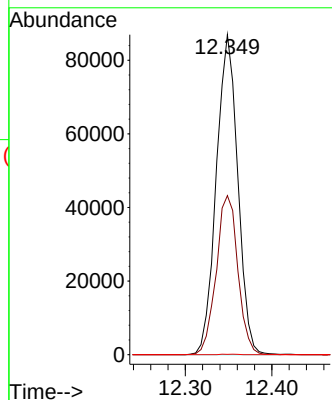
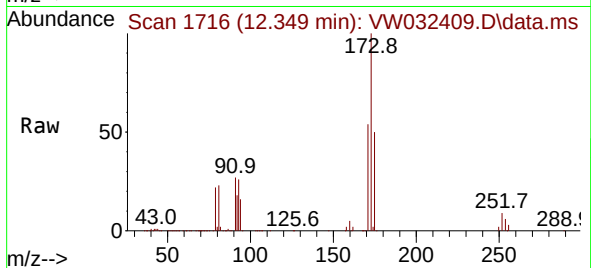
Tgt Ion:173 Resp: 149754

Ion Ratio Lower Upper

173 100

175 50.1 25.1 75.2

254 0.1 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: VW032409.D

Acq: 10 Nov 2025 16:17

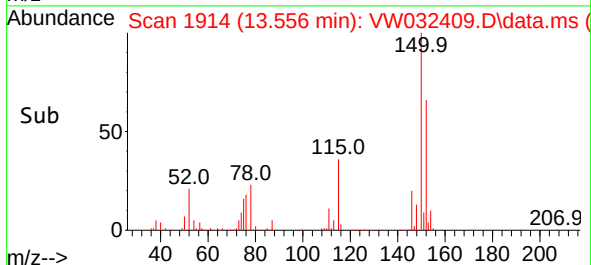
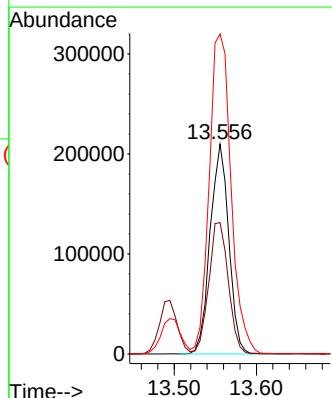
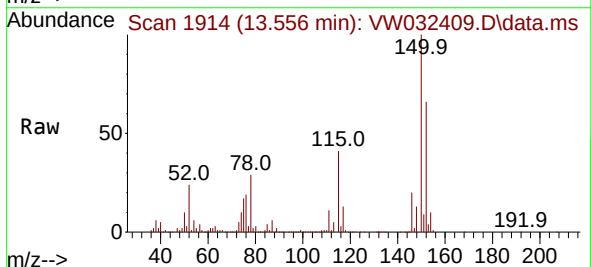
Tgt Ion:152 Resp: 330535

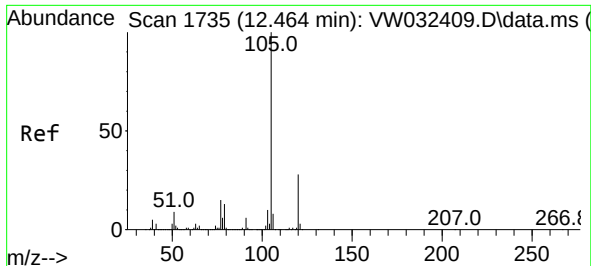
Ion Ratio Lower Upper

152 100

115 65.5 32.8 98.3

150 178.3 0.0 356.6

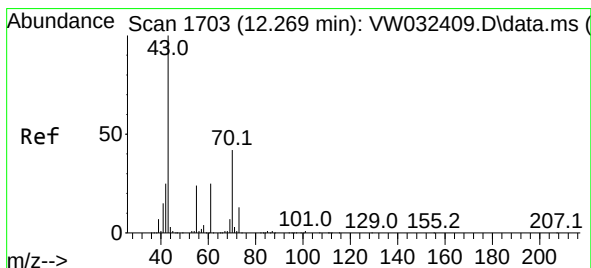
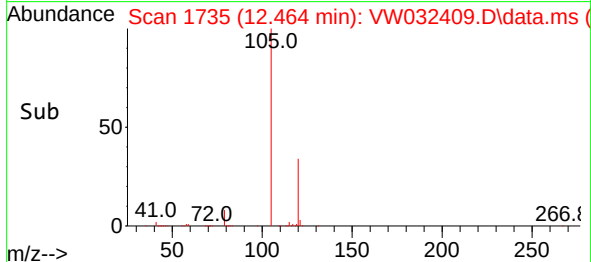
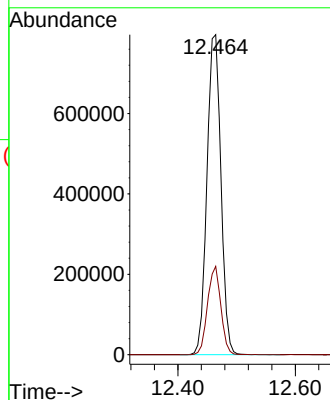
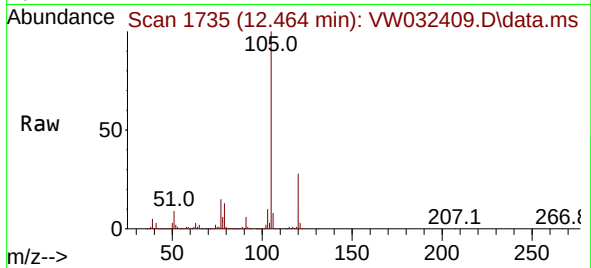




#73
Isopropylbenzene
Concen: 54.022 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

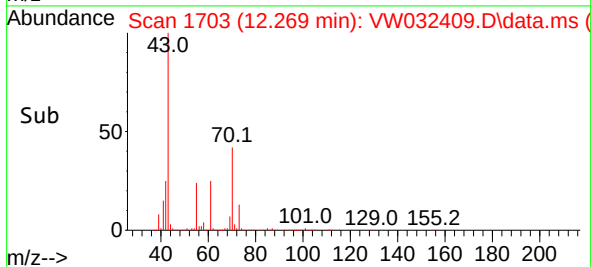
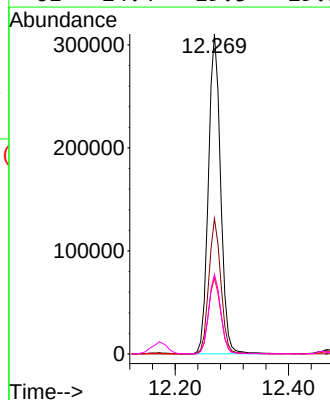
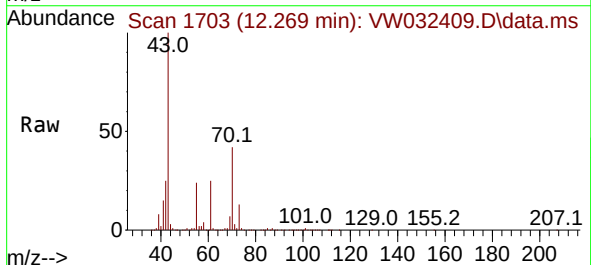
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

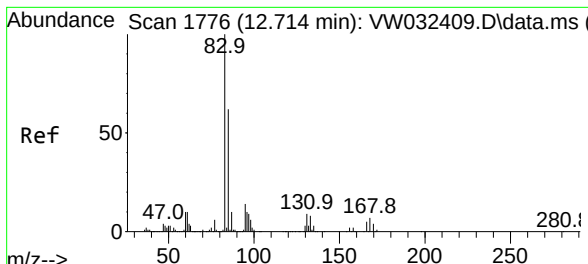
Tgt Ion:105 Resp: 1311412
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 54.971 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 43 Resp: 463709
Ion Ratio Lower Upper
43 100
70 41.9 33.5 50.3
55 24.1 19.3 28.9
61 24.4 19.5 29.3

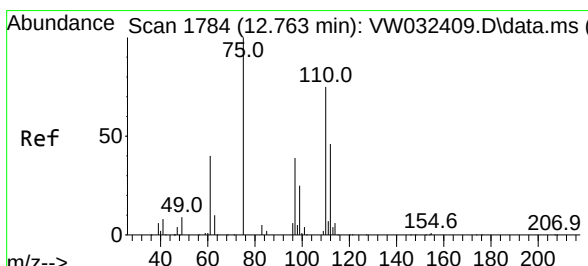
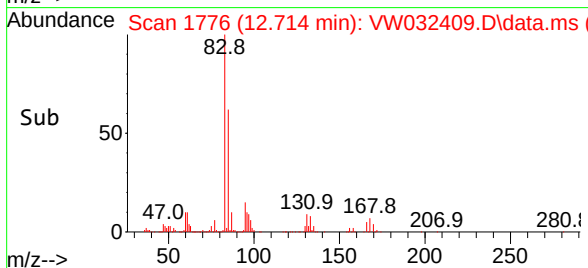
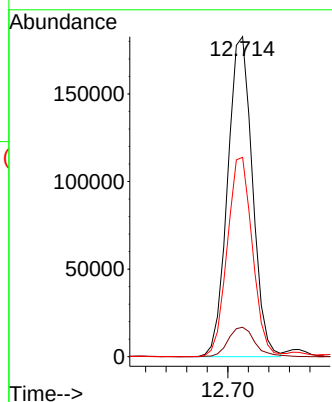
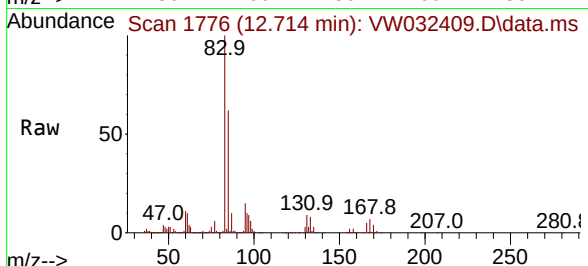




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.171 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

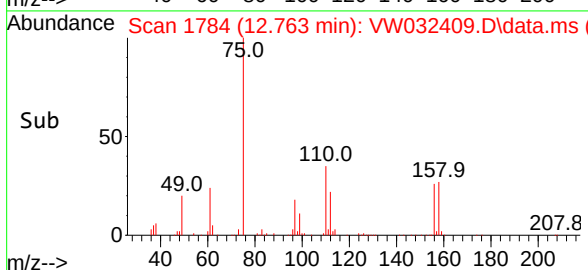
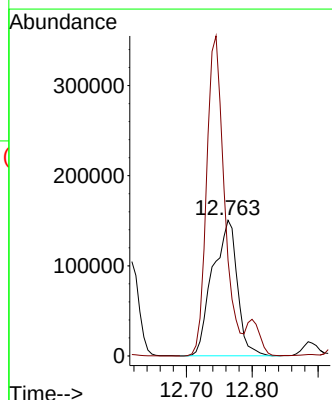
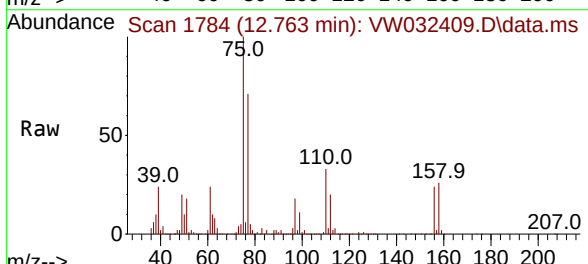
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

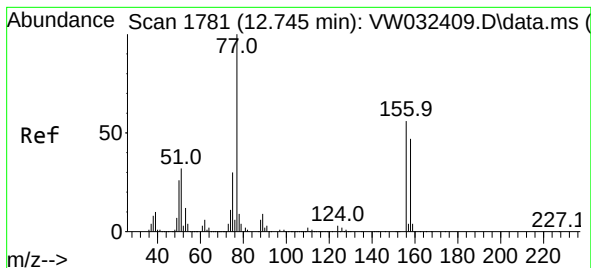
Tgt Ion: 83 Resp: 306330
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 63.2 31.6 94.8



#76
 1,2,3-Trichloropropane
 Concen: 86.638 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion: 75 Resp: 392713
 Ion Ratio Lower Upper
 75 100
 77 171.2 151.6 454.8

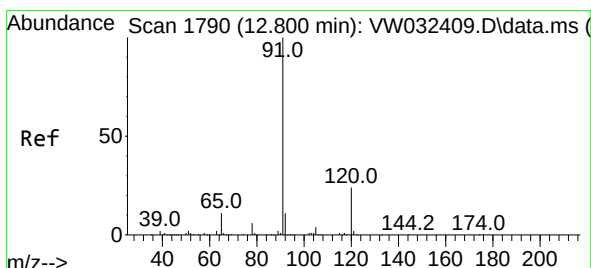
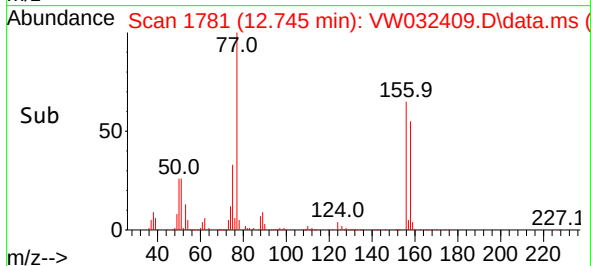
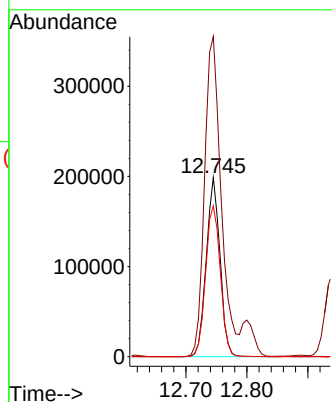
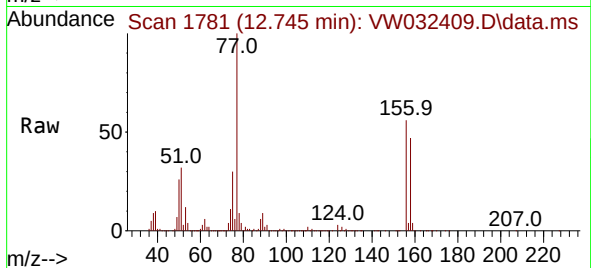




#77
Bromobenzene
Concen: 54.174 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

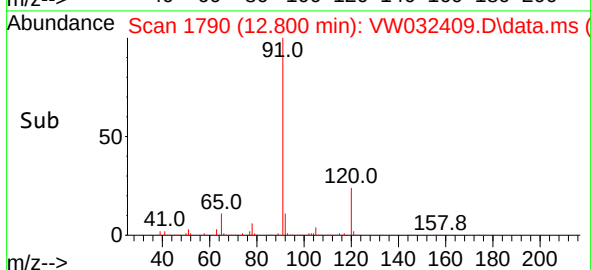
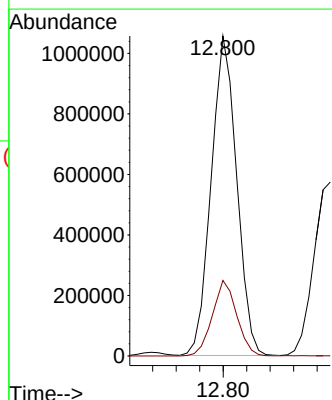
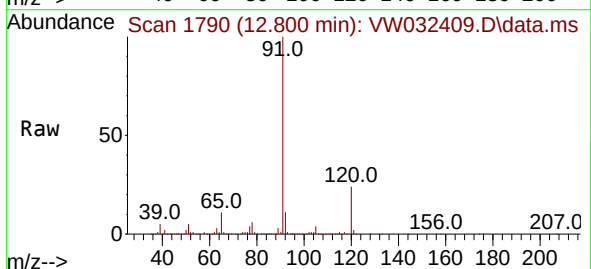
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

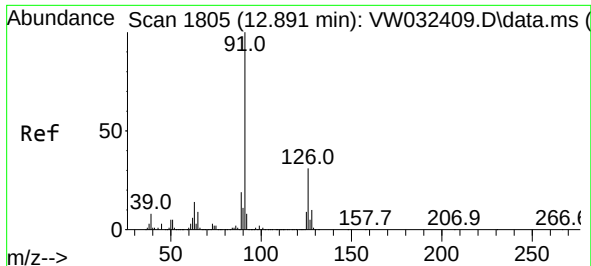
Tgt Ion:156 Resp: 311375
Ion Ratio Lower Upper
156 100
77 216.0 108.0 324.0
158 90.3 45.1 135.5



#78
n-propylbenzene
Concen: 53.874 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 91 Resp: 1592697
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

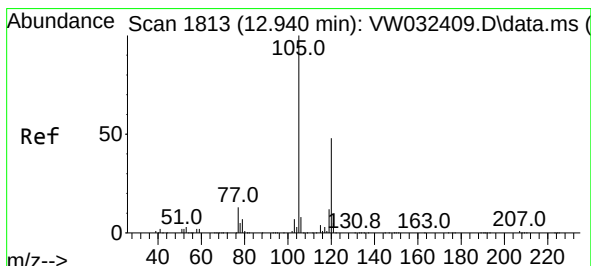
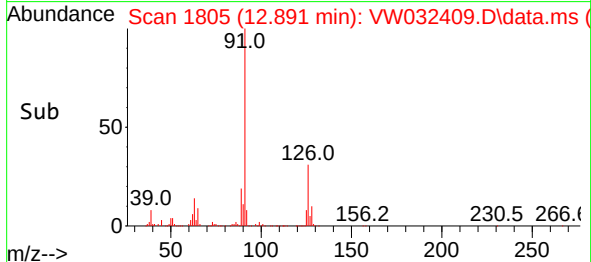
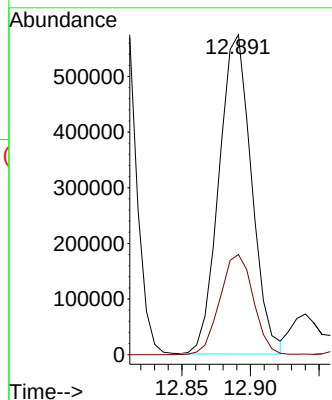
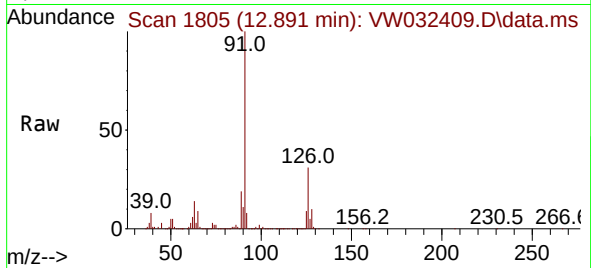




#79
2-Chlorotoluene
Concen: 52.633 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

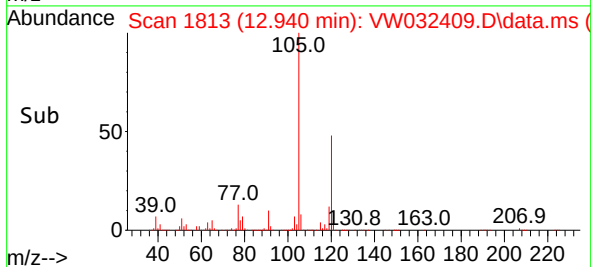
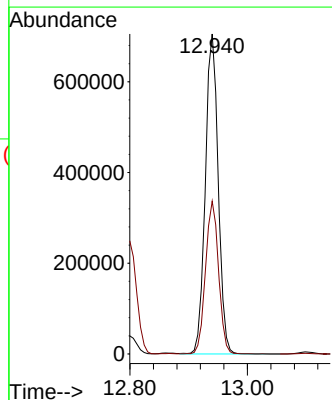
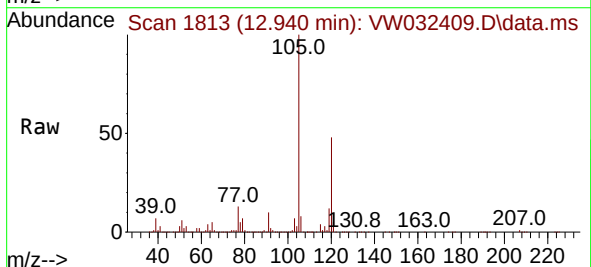
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

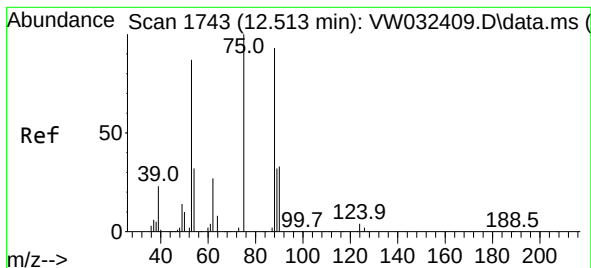
Tgt Ion: 91 Resp: 949870
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 53.498 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion:105 Resp: 1071434
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

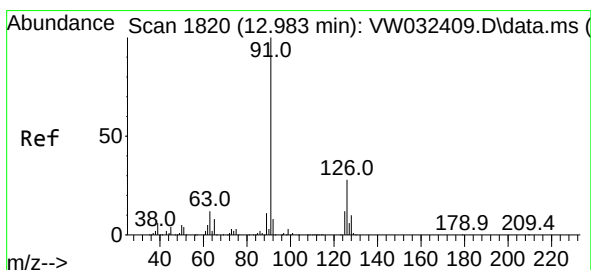
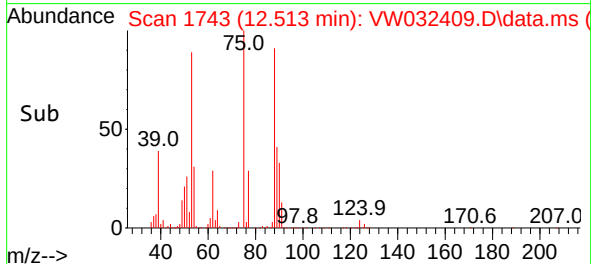
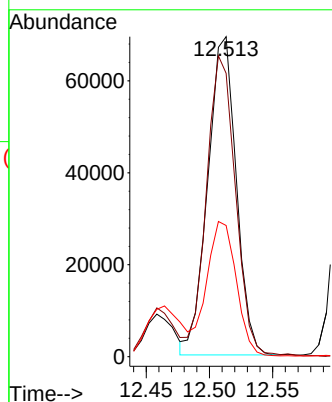
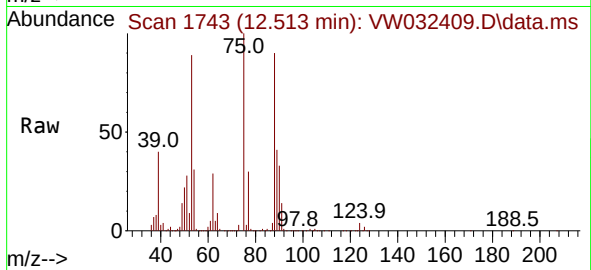




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.830 ug/l
 RT: 12.513 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

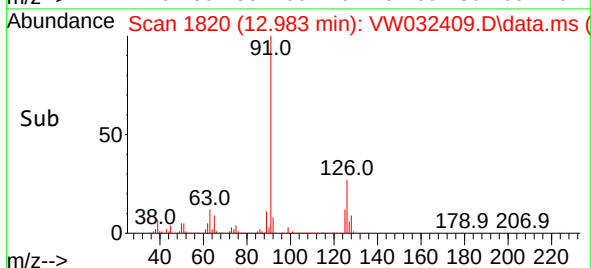
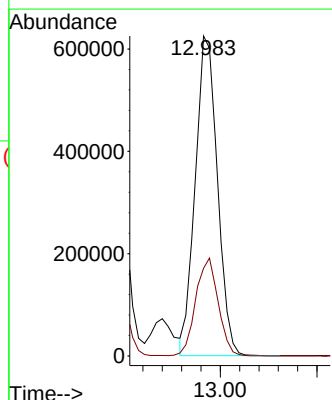
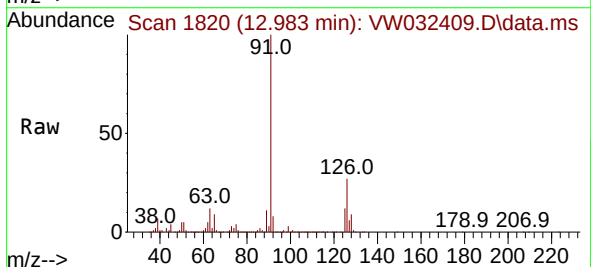
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

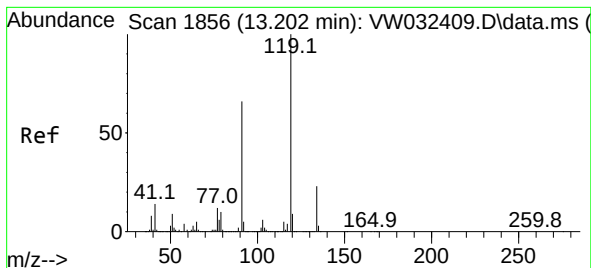
Tgt Ion: 75 Resp: 108494
 Ion Ratio Lower Upper
 75 100
 53 97.3 77.8 116.8
 89 44.5 35.6 53.4



#82
 4-Chlorotoluene
 Concen: 52.976 ug/l
 RT: 12.983 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion: 91 Resp: 994389
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.5 46.5

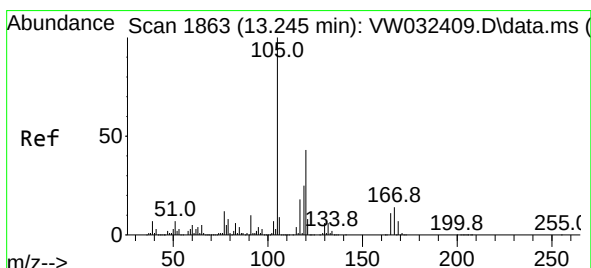
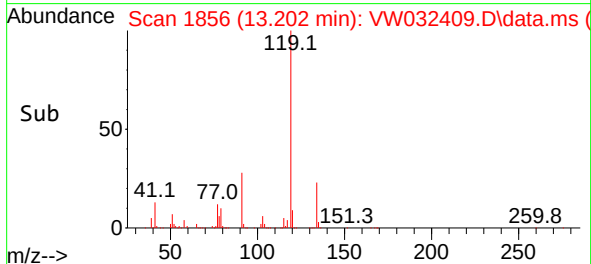
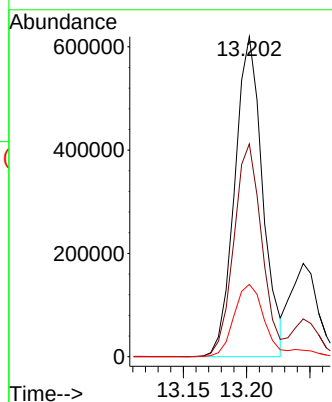
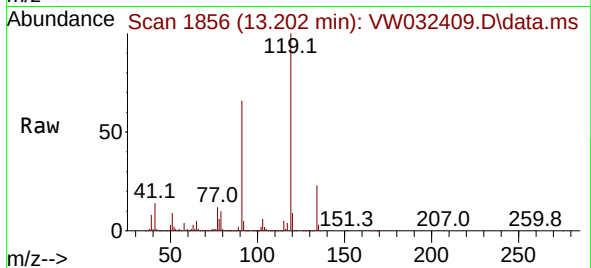




#83
 tert-Butylbenzene
 Concen: 54.647 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

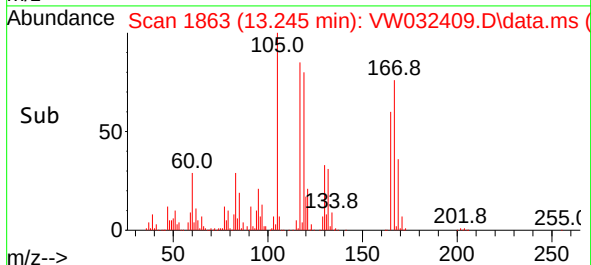
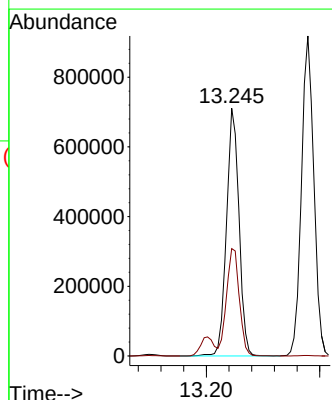
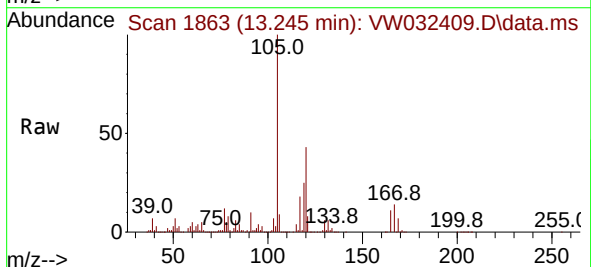
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

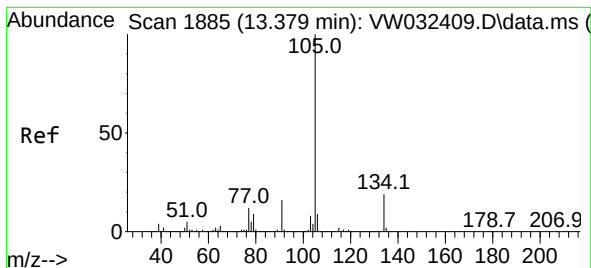
Tgt Ion:119 Resp: 952056
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.3 99.9
 134 24.3 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.395 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion:105 Resp: 1087654
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 53.468 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

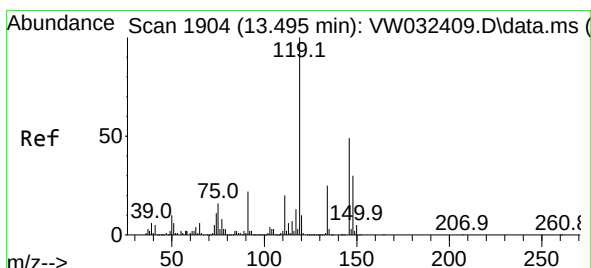
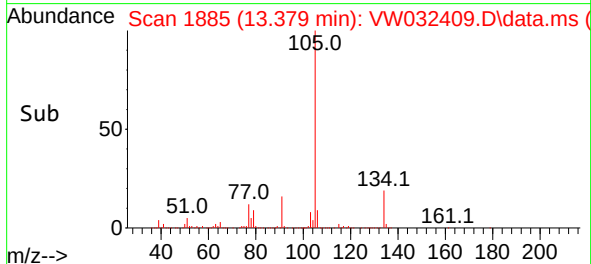
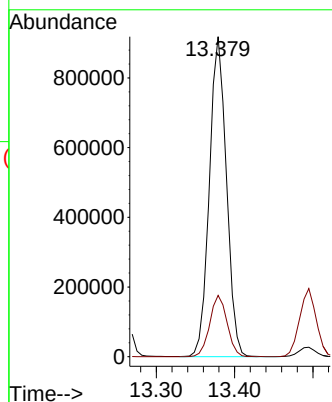
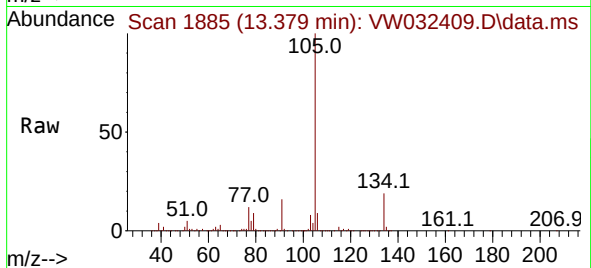
VSTDICCC050

Tgt Ion:105 Resp: 1387291

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.985 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

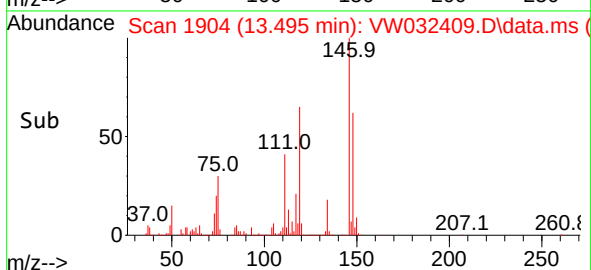
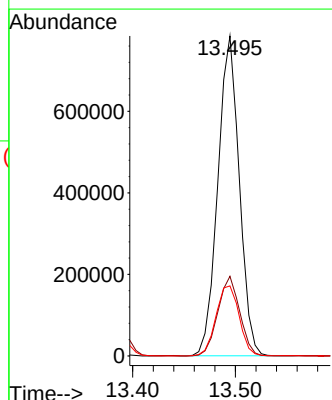
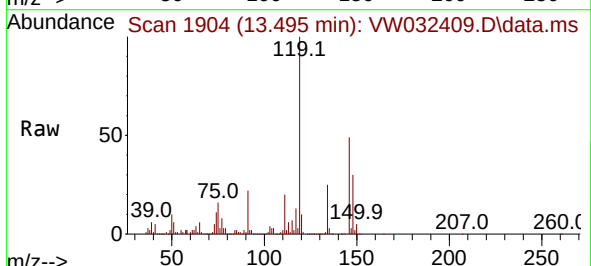
Tgt Ion:119 Resp: 1135093

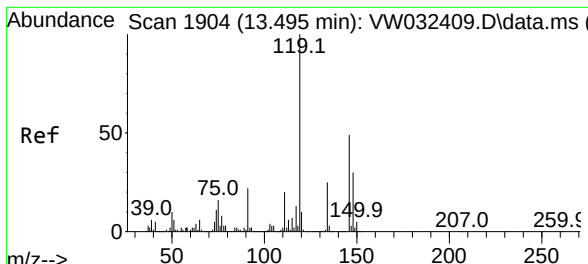
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 23.7 11.9 35.5



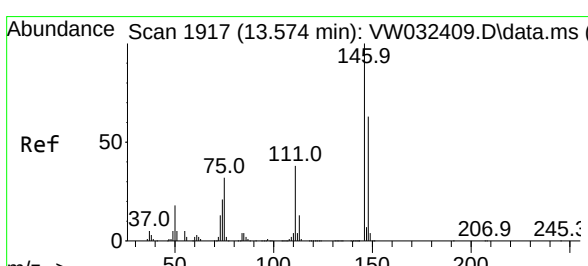
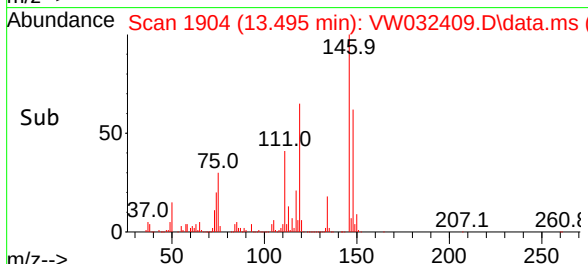
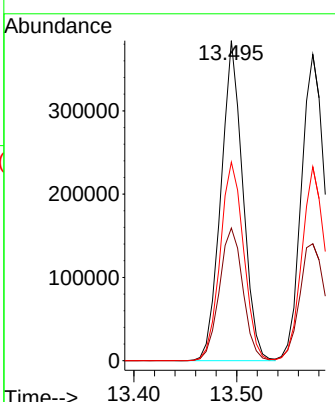
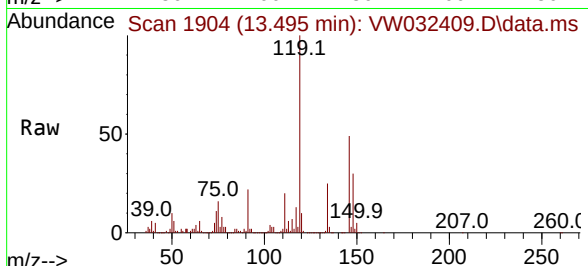


#87
 1,3-Dichlorobenzene
 Concen: 52.213 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 568988

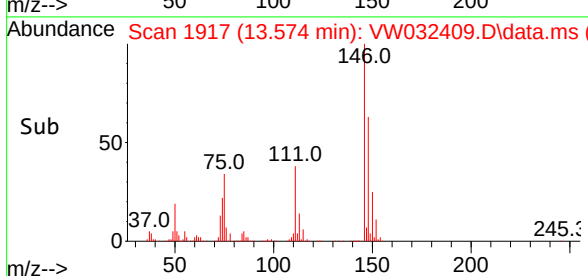
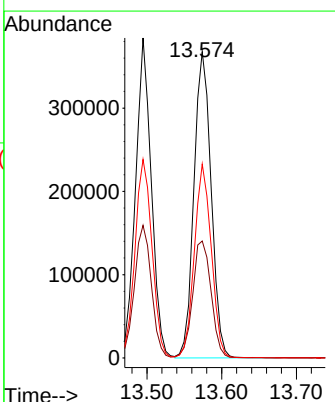
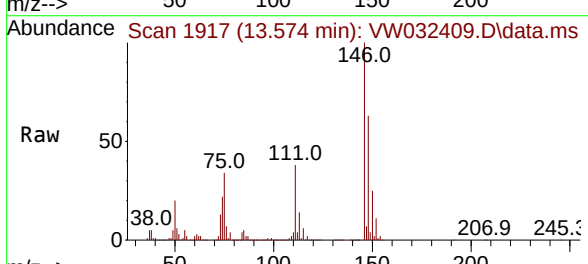
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	66.7	33.4	100.1

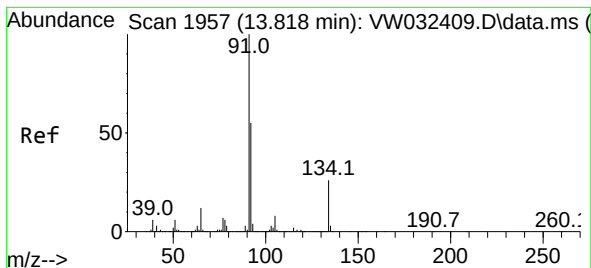


#88
 1,4-Dichlorobenzene
 Concen: 52.535 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032409.D
 Acq: 10 Nov 2025 16:17

Tgt Ion:146 Resp: 586517

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.6
148	62.4	31.2	93.6





#89

n-Butylbenzene

Concen: 53.512 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

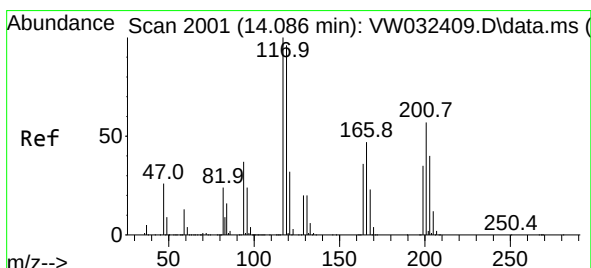
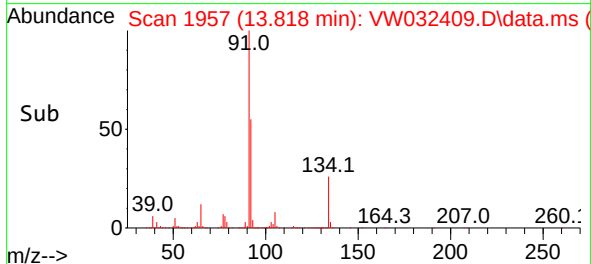
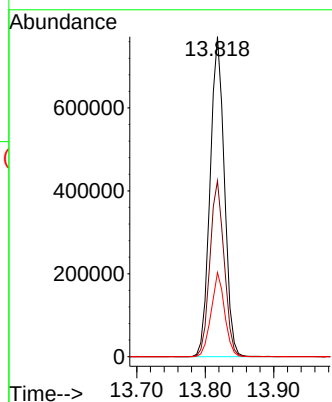
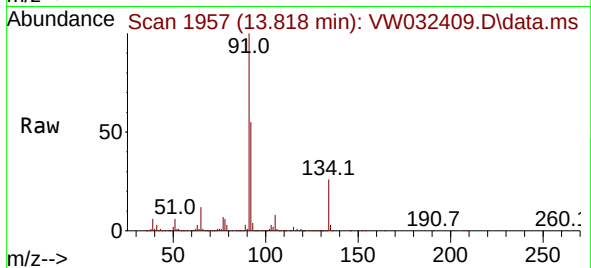
MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1119974

Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	24.9	12.4	37.4



#90

Hexachloroethane

Concen: 53.365 ug/l

RT: 14.086 min Scan# 2001

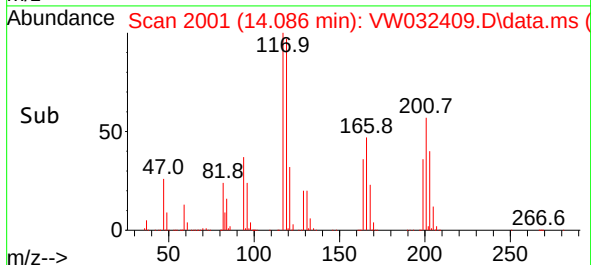
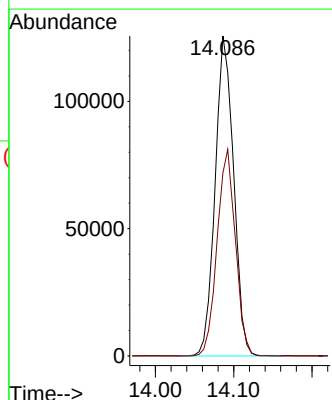
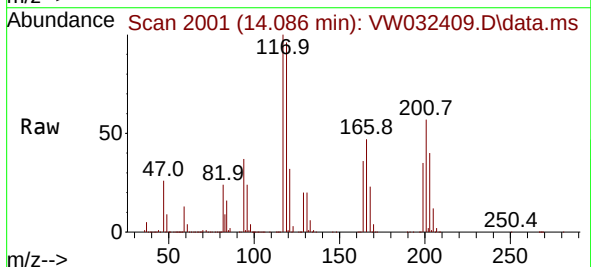
Delta R.T. 0.000 min

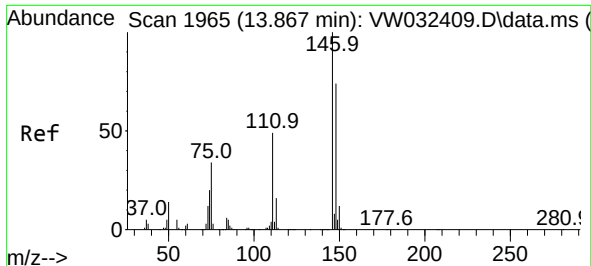
Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Tgt Ion: 117 Resp: 206125

Ion	Ratio	Lower	Upper
117	100		
201	64.0	32.0	96.0

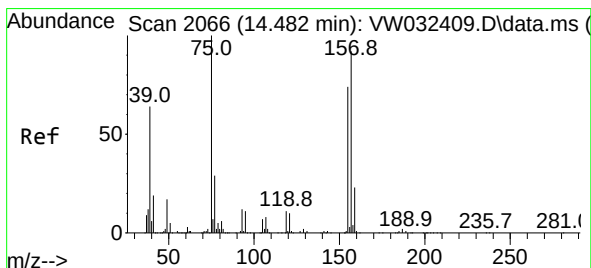
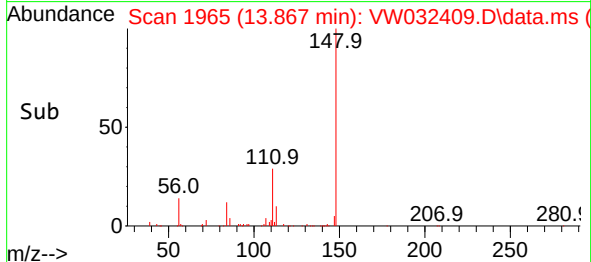
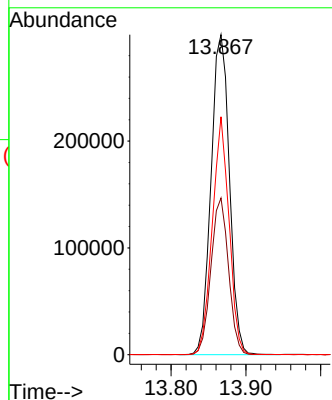
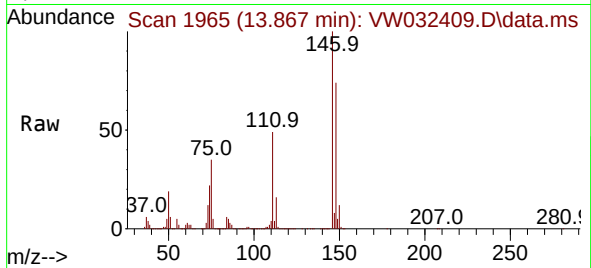




#91
1,2-Dichlorobenzene
Concen: 51.050 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

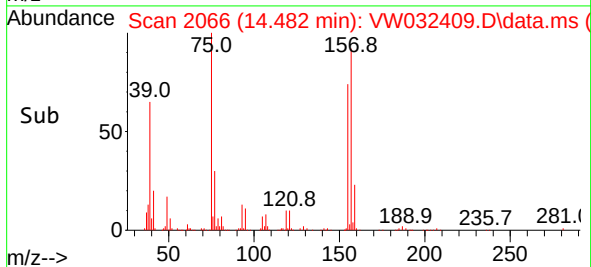
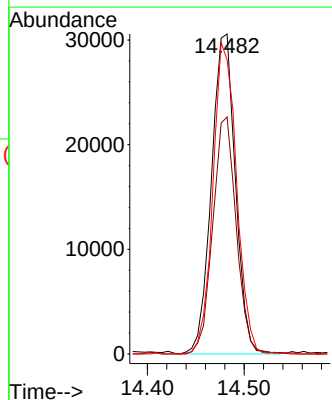
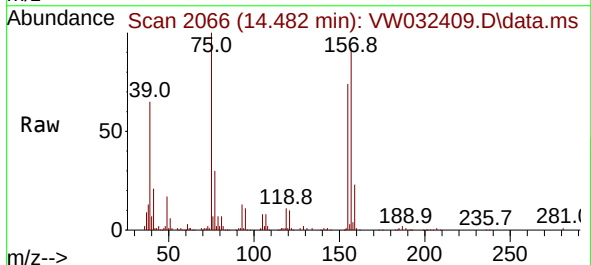
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

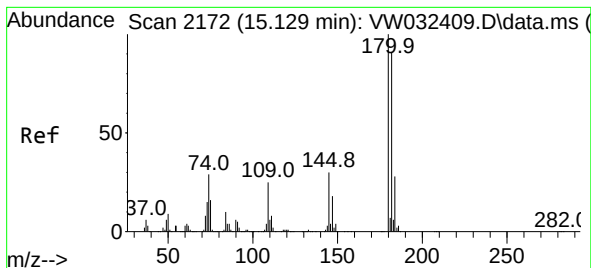
Tgt Ion:146 Resp: 510688
Ion Ratio Lower Upper
146 100
111 46.8 23.4 70.2
148 67.9 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.072 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032409.D
Acq: 10 Nov 2025 16:17

Tgt Ion: 75 Resp: 52673
Ion Ratio Lower Upper
75 100
155 72.4 36.2 108.6
157 95.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 53.593 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

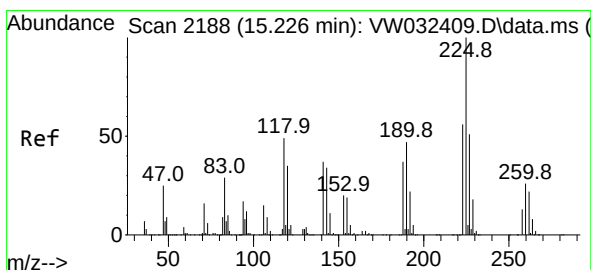
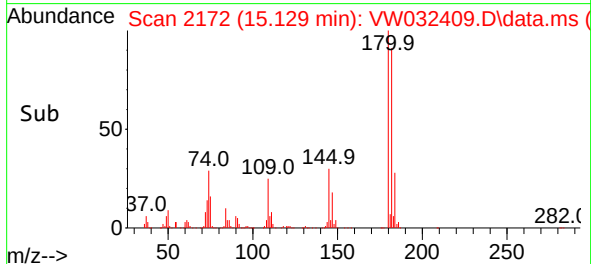
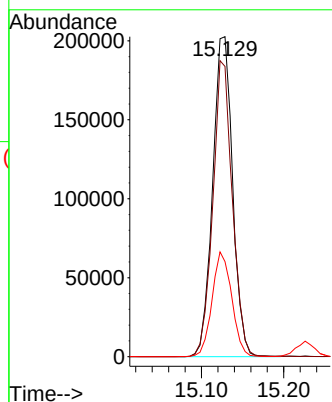
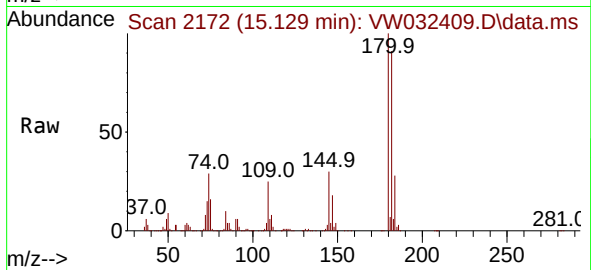
Tgt Ion:180 Resp: 341171

Ion Ratio Lower Upper

180 100

182 90.6 45.3 135.9

145 32.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 52.766 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

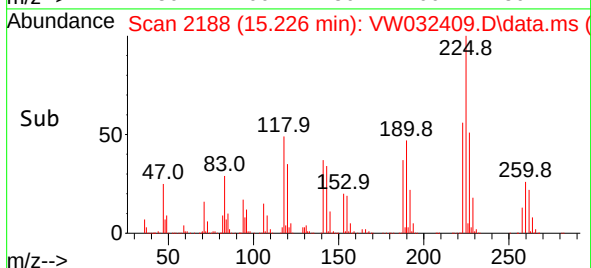
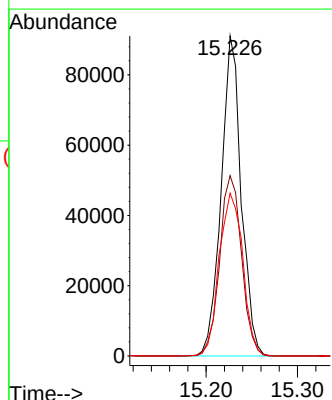
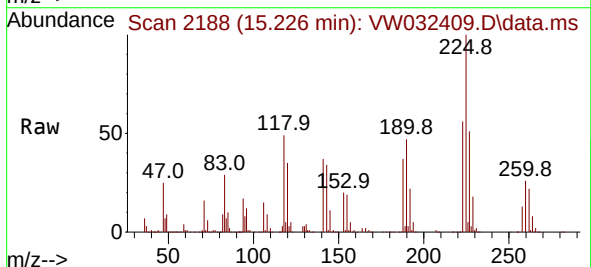
Tgt Ion:225 Resp: 139533

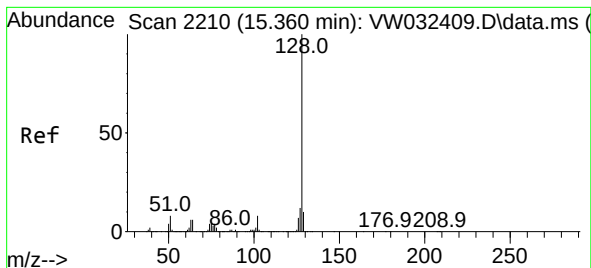
Ion Ratio Lower Upper

225 100

223 61.2 30.6 91.8

227 59.6 29.8 89.4





#95

Naphthalene

Concen: 54.088 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

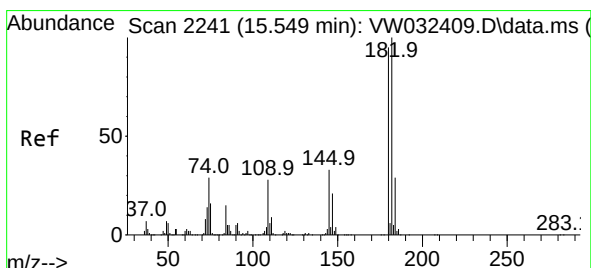
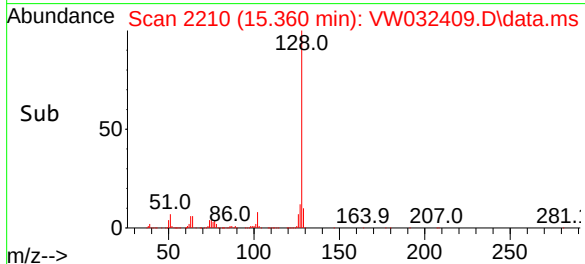
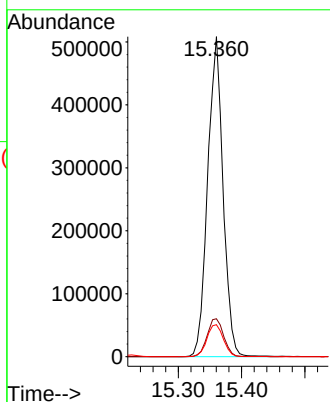
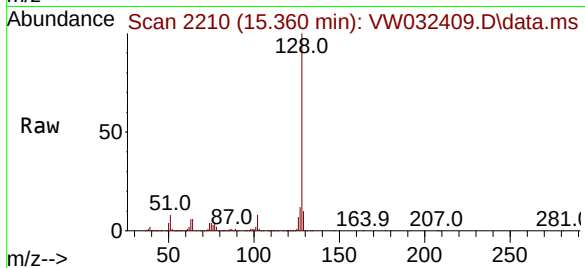
Tgt Ion:128 Resp: 858633

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.526 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032409.D

Acq: 10 Nov 2025 16:17

Tgt Ion:180 Resp: 297797

Ion Ratio Lower Upper

180 100

182 100.7 50.3 151.0

145 35.5 17.8 53.3

