

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032315.D
 Acq On : 01 Oct 2025 14:15
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:14:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	281404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	536489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	481502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	241841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.312	65	86104	20.978	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	41.960%#
35) Dibromofluoromethane	7.898	113	70270	20.225	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	40.460%#
50) Toluene-d8	10.324	98	250144	19.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	39.020%#
62) 4-Bromofluorobenzene	12.617	95	93567	19.305	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	38.620%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	38800	21.972	ug/l	95
3) Chloromethane	2.253	50	58031	21.298	ug/l	99
4) Vinyl Chloride	2.405	62	68214	20.970	ug/l	97
5) Bromomethane	2.813	94	48996	20.496	ug/l	99
6) Chloroethane	2.960	64	44339	20.645	ug/l	99
7) Trichlorofluoromethane	3.295	101	48412	19.877	ug/l	93
8) Diethyl Ether	3.716	74	43506	20.614	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	59004	20.198	ug/l	95
10) Methyl Iodide	4.301	142	88957	21.342	ug/l	97
11) Tert butyl alcohol	5.215	59	34233	110.188	ug/l	96
12) 1,1-Dichloroethene	4.075	96	67001	21.126	ug/l	97
13) Acrolein	3.923	56	57603	114.243	ug/l	96
14) Allyl chloride	4.697	41	107824	20.129	ug/l	91
15) Acrylonitrile	5.392	53	112746	102.687	ug/l	99
16) Acetone	4.155	43	117625	103.498	ug/l	94
17) Carbon Disulfide	4.417	76	177979	20.568	ug/l	99
18) Methyl Acetate	4.703	43	68880	21.157	ug/l	95
19) Methyl tert-butyl Ether	5.459	73	129438	20.722	ug/l	92
20) Methylene Chloride	4.947	84	91257	21.174	ug/l	90
21) trans-1,2-Dichloroethene	5.453	96	71565	20.381	ug/l	98
22) Diisopropyl ether	6.337	45	234704	21.068	ug/l	94
23) Vinyl Acetate	6.276	43	773956	104.011	ug/l	98
24) 1,1-Dichloroethane	6.234	63	140018	20.687	ug/l	98
25) 2-Butanone	7.191	43	160713	103.830	ug/l	98
26) 2,2-Dichloropropane	7.179	77	71502	20.653	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	86196	20.434	ug/l	93
28) Bromochloromethane	7.526	49	65600	20.601	ug/l	85
29) Tetrahydrofuran	7.550	42	101422	104.194	ug/l	94
30) Chloroform	7.691	83	143028	20.837	ug/l	99
31) Cyclohexane	7.965	56	117320	20.304	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	100837	20.731	ug/l	99
36) 1,1-Dichloropropene	8.093	75	97586	19.902	ug/l	97
37) Ethyl Acetate	7.276	43	64814	19.859	ug/l	99
38) Carbon Tetrachloride	8.081	117	91643	19.861	ug/l	100
39) Methylcyclohexane	9.343	83	113500	19.190	ug/l	96
40) Benzene	8.331	78	309105	20.112	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	37010	21.042	ug/l	90
42) 1,2-Dichloroethane	8.410	62	101383	20.160	ug/l	100
43) Isopropyl Acetate	8.434	43	115725	19.988	ug/l	99
44) Trichloroethene	9.099	130	70719	19.651	ug/l	98
45) 1,2-Dichloropropane	9.373	63	77815	20.284	ug/l	98
46) Dibromomethane	9.459	93	47632	20.192	ug/l	95
47) Bromodichloromethane	9.654	83	107295	19.886	ug/l	97
48) Methyl methacrylate	9.440	41	55063	19.561	ug/l	95
49) 1,4-Dioxane	9.465	88	13352	414.108	ug/l #	85
51) 4-Methyl-2-Pentanone	10.208	43	341386	101.802	ug/l	98
52) Toluene	10.391	92	192396	20.102	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	100559	19.211	ug/l	97
54) cis-1,3-Dichloropropene	10.074	75	117968	19.565	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	63272	20.068	ug/l	98
56) Ethyl methacrylate	10.647	69	85643	19.407	ug/l	94
57) 1,3-Dichloropropane	10.934	76	112943	20.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	219091	93.287	ug/l	96
59) 2-Hexanone	10.971	43	242814	102.664	ug/l	97
60) Dibromochloromethane	11.129	129	71782	20.051	ug/l	100
61) 1,2-Dibromoethane	11.233	107	61899	20.135	ug/l	98
64) Tetrachloroethene	10.867	164	57503	19.958	ug/l	97
65) Chlorobenzene	11.653	112	213655	20.167	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	66918	20.280	ug/l	98
67) Ethyl Benzene	11.727	91	355003	20.103	ug/l	97
68) m/p-Xylenes	11.836	106	275521	40.461	ug/l	96
69) o-Xylene	12.165	106	125849	19.762	ug/l	95
70) Styrene	12.178	104	230999	20.776	ug/l	97
71) Bromoform	12.348	173	37059	19.593	ug/l #	97
73) Isopropylbenzene	12.464	105	325413	19.668	ug/l	99
74) N-amyl acetate	12.269	43	104472	19.793	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	82334	20.041	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	102556	32.136	ug/l	40
77) Bromobenzene	12.745	156	78072	19.575	ug/l	88
78) n-propylbenzene	12.799	91	414530	20.057	ug/l	97
79) 2-Chlorotoluene	12.891	91	251889	19.933	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	276218	19.307	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	23628	18.808	ug/l	98
82) 4-Chlorotoluene	12.982	91	268736	20.002	ug/l	99
83) tert-Butylbenzene	13.202	119	231081	19.685	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	294630	20.253	ug/l	97
85) sec-Butylbenzene	13.379	105	344593	19.209	ug/l	99
86) p-Isopropyltoluene	13.494	119	298543	20.057	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	157169	19.461	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	164453	20.364	ug/l	96
89) n-Butylbenzene	13.818	91	284638	19.585	ug/l	98
90) Hexachloroethane	14.086	117	50102	18.779	ug/l	94
91) 1,2-Dichlorobenzene	13.866	146	150657	20.636	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.482	75	14474	20.123	ug/l	84
93) 1,2,4-Trichlorobenzene	15.122	180	83681	19.115	ug/l	99
94) Hexachlorobutadiene	15.226	225	36708	18.340	ug/l	90
95) Naphthalene	15.360	128	209101	19.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	81141	19.664	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

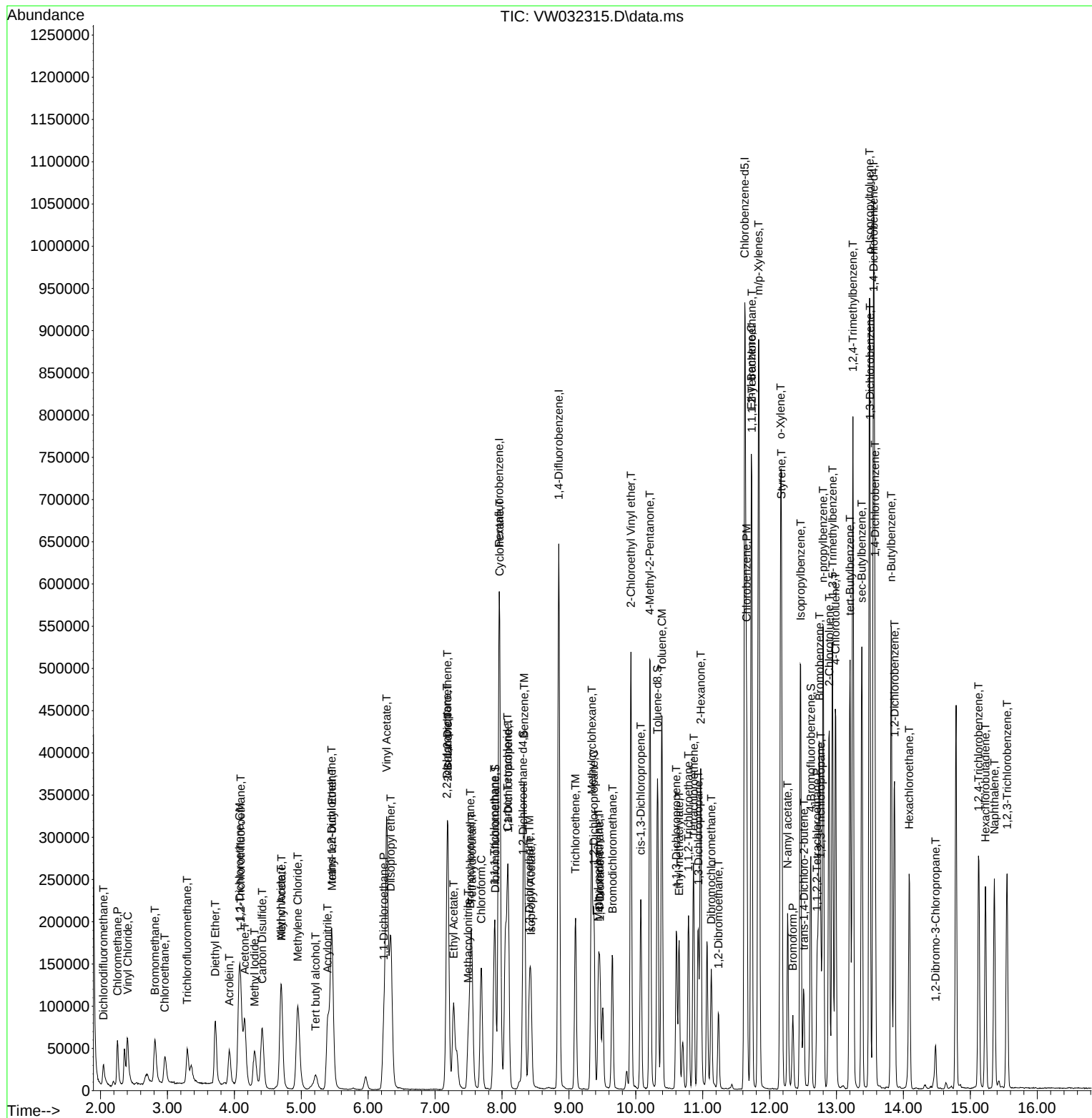
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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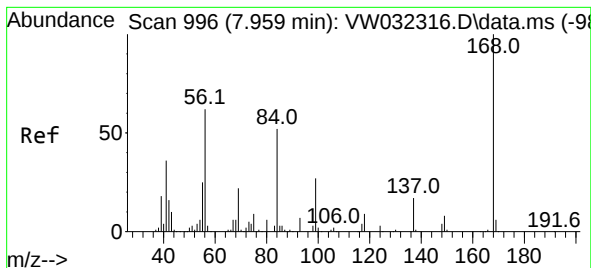
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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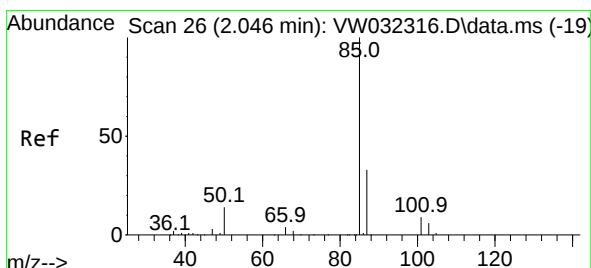
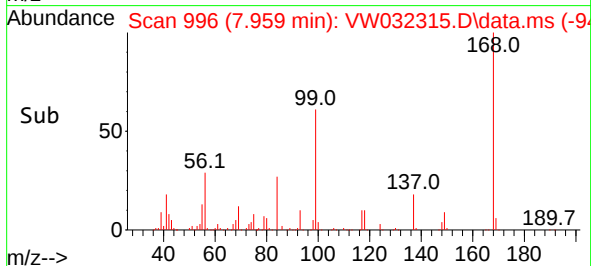
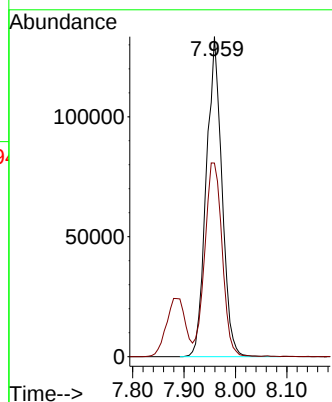
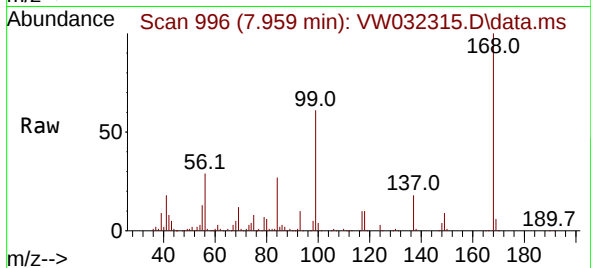




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032315.D
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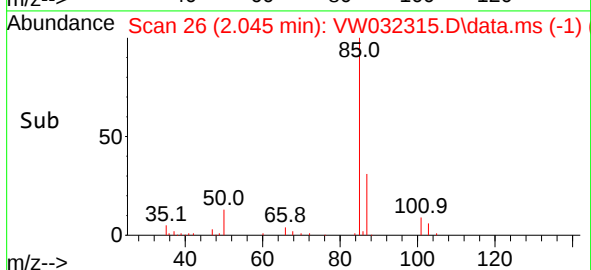
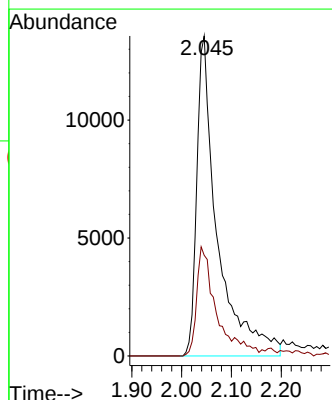
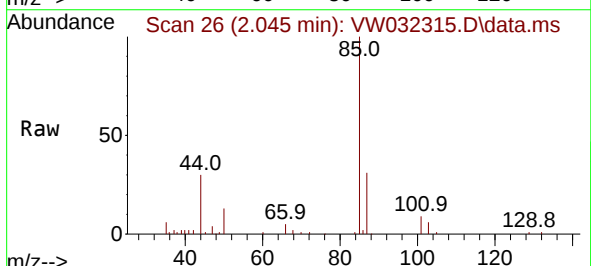
Instrument :
MSVOA_W
ClientSampleId :

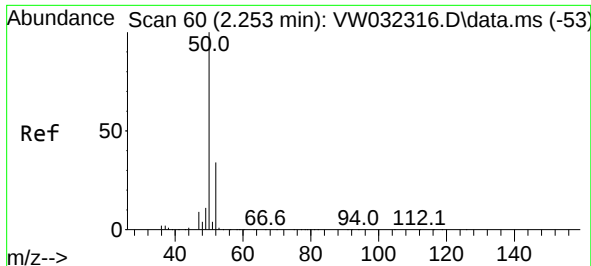
Tgt Ion:168 Resp: 281404
Ion Ratio Lower Upper
168 100
99 60.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 21.972 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 85 Resp: 38800
Ion Ratio Lower Upper
85 100
87 31.4 17.2 51.6

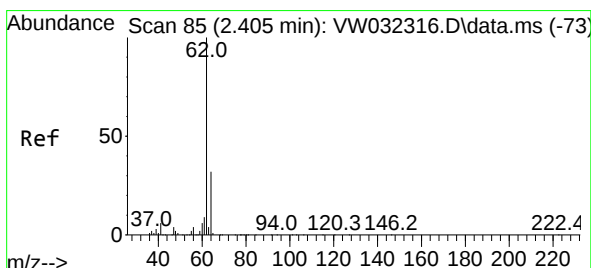
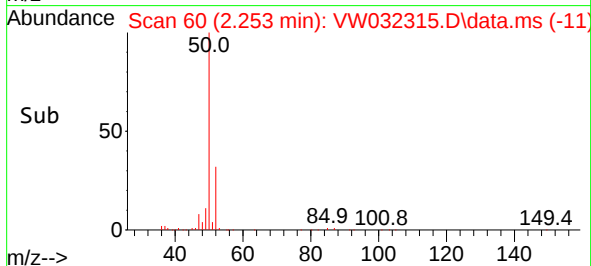
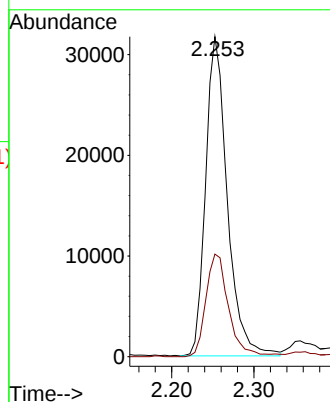
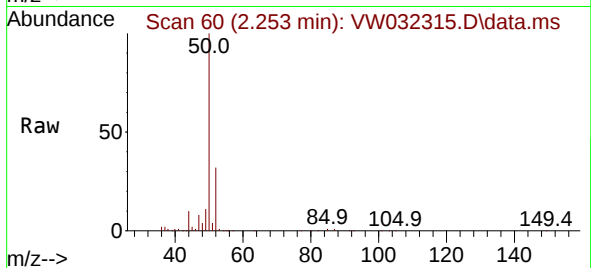




#3
Chloromethane
Concen: 21.298 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

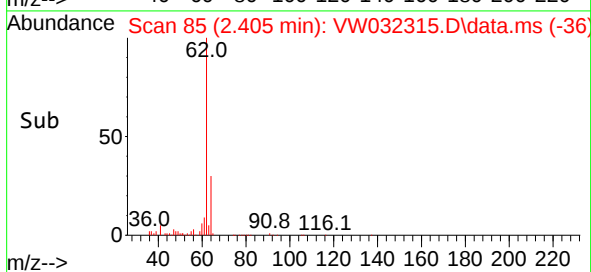
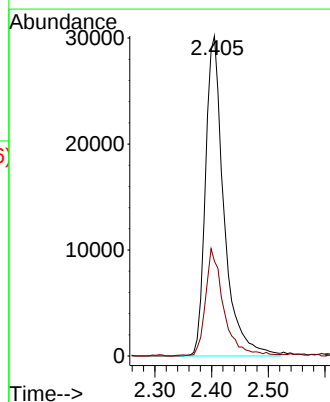
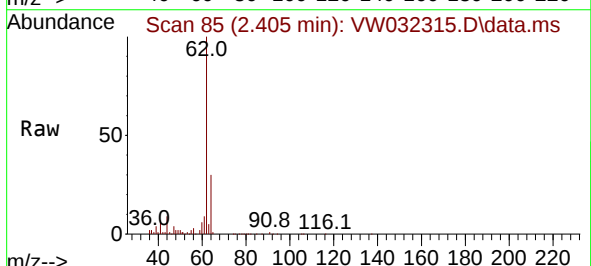
Instrument :
MSVOA_W
ClientSampleId :

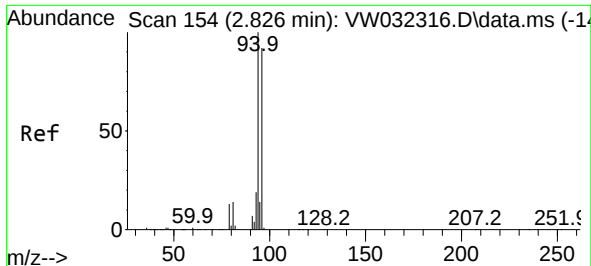
Tgt Ion: 50 Resp: 58031
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 20.970 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 62 Resp: 68214
Ion Ratio Lower Upper
62 100
64 29.4 24.8 37.2

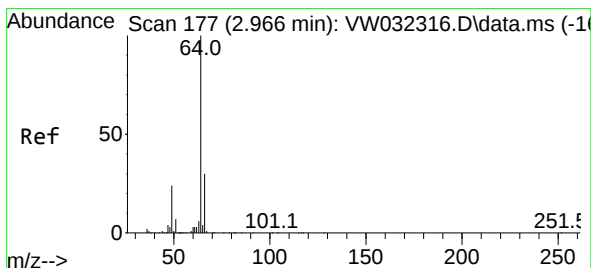
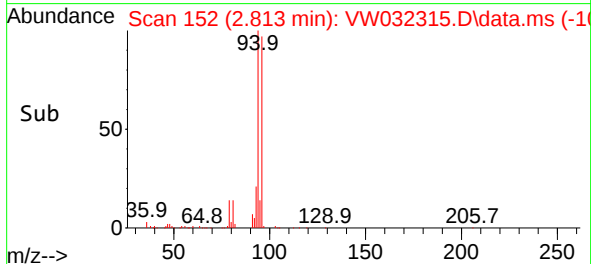
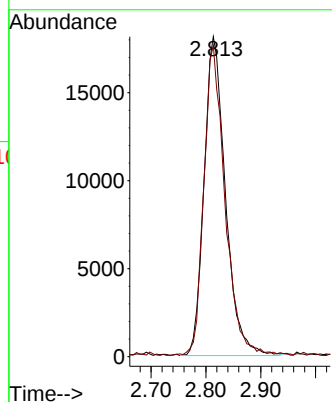
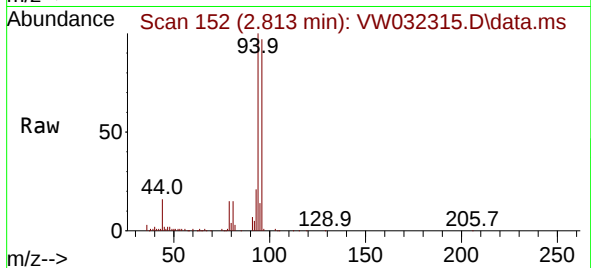




#5
Bromomethane
Concen: 20.496 ug/l
RT: 2.813 min Scan# 11
Delta R.T. -0.013 min
Lab File: VW032315.D
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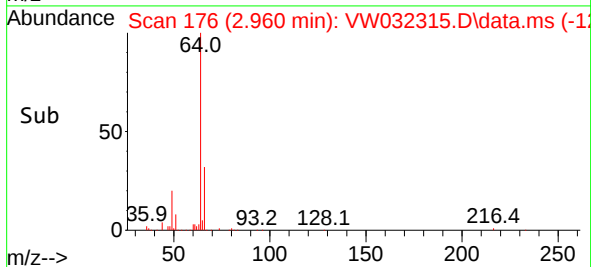
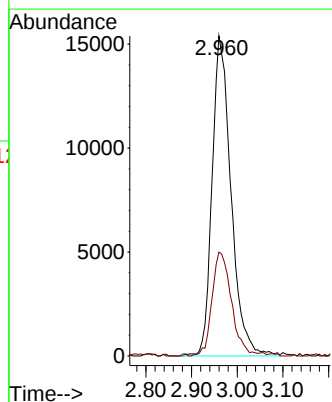
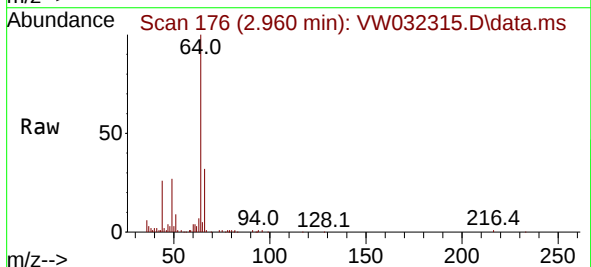
Instrument :
MSVOA_W
ClientSampleId :

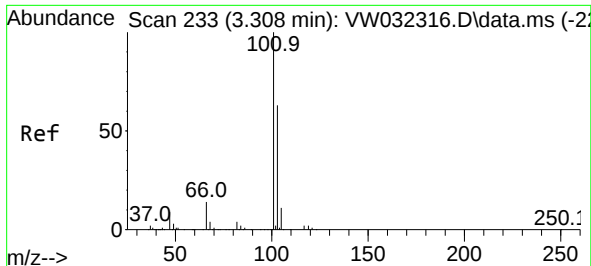
Tgt Ion: 94 Resp: 48996
Ion Ratio Lower Upper
94 100
96 96.8 76.6 115.0



#6
Chloroethane
Concen: 20.645 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.013 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 64 Resp: 44339
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

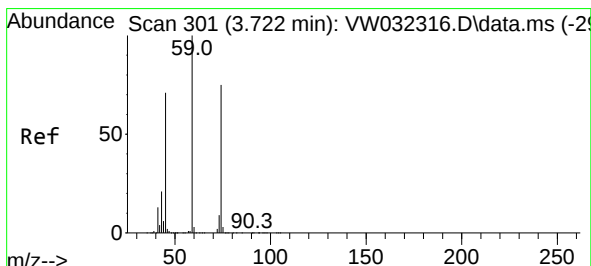
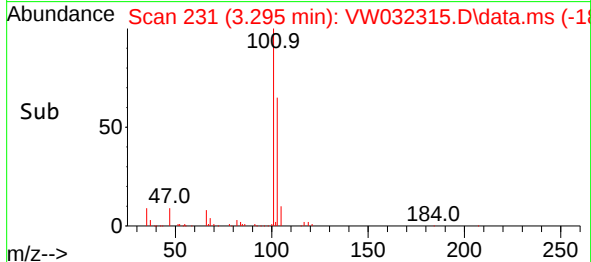
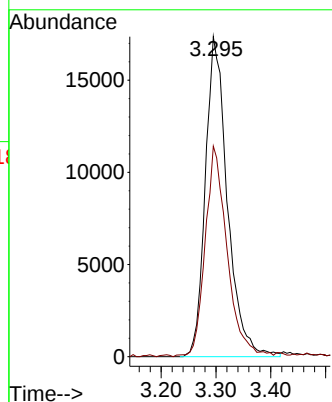
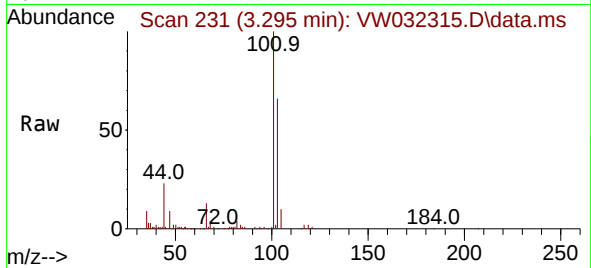




#7
 Trichlorofluoromethane
 Concen: 19.877 ug/l
 RT: 3.295 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

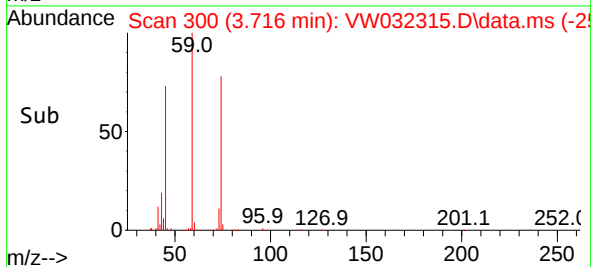
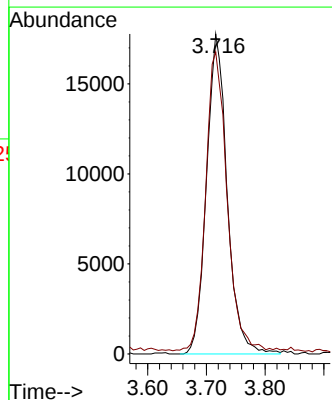
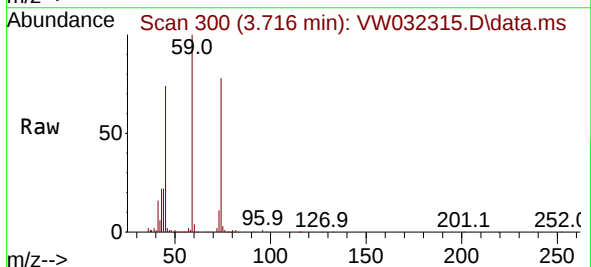
Instrument :
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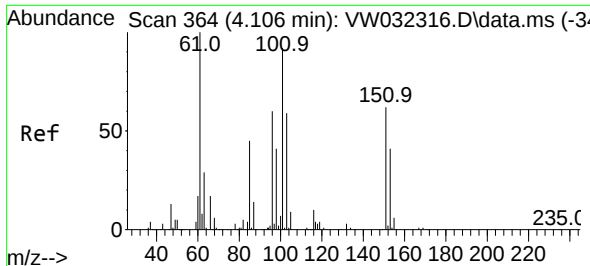
Tgt Ion:101 Resp: 48412
 Ion Ratio Lower Upper
 101 100
 103 65.3 47.8 71.8



#8
 Diethyl Ether
 Concen: 20.614 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

Tgt Ion: 74 Resp: 43506
 Ion Ratio Lower Upper
 74 100
 45 96.4 43.1 129.4

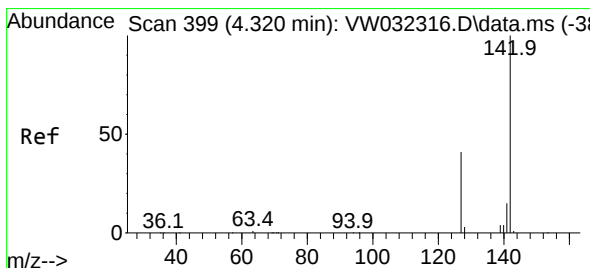
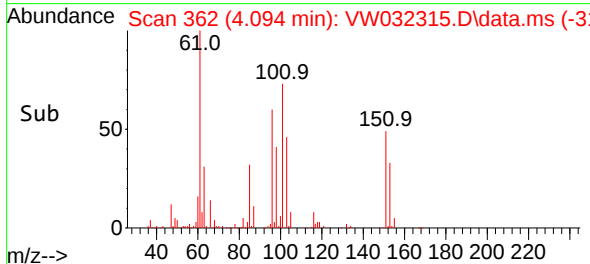
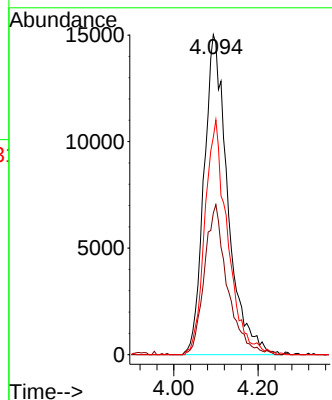
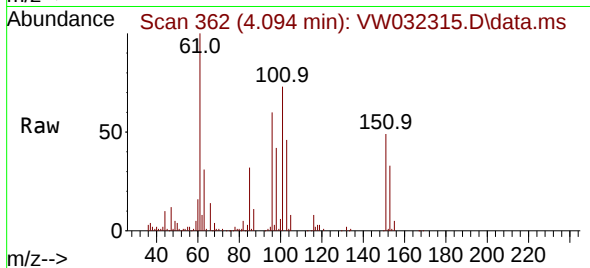




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.198 ug/l
RT: 4.094 min Scan# 301
Delta R.T. -0.013 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

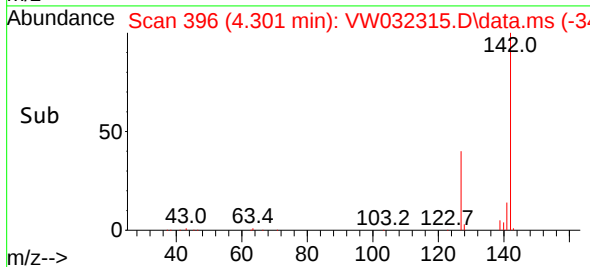
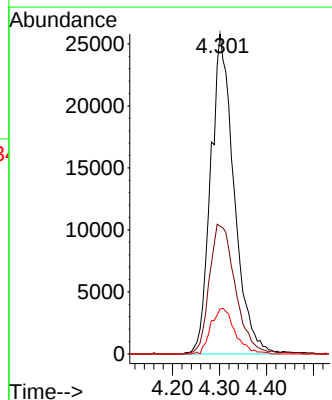
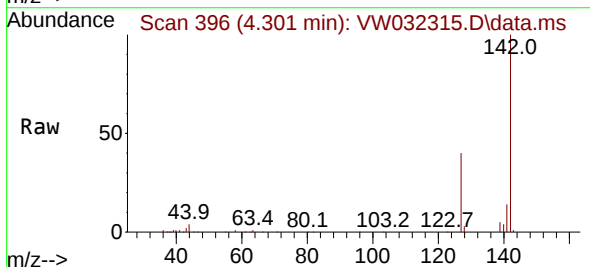
Instrument :
MSVOA_W
ClientSampleId :

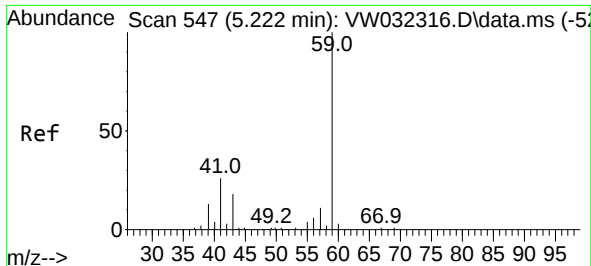
Tgt Ion:101 Resp: 59004
Ion Ratio Lower Upper
101 100
85 45.3 37.1 55.7
151 70.3 61.5 92.3



#10
Methyl Iodide
Concen: 21.342 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.013 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

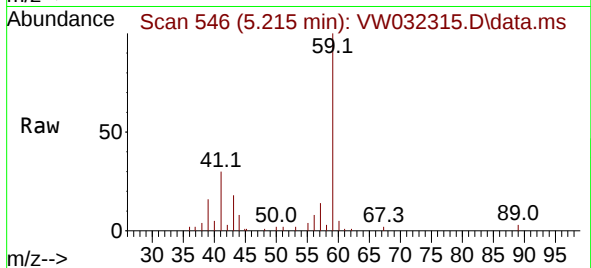
Tgt Ion:142 Resp: 88957
Ion Ratio Lower Upper
142 100
127 45.2 38.2 57.2
141 14.8 12.2 18.2



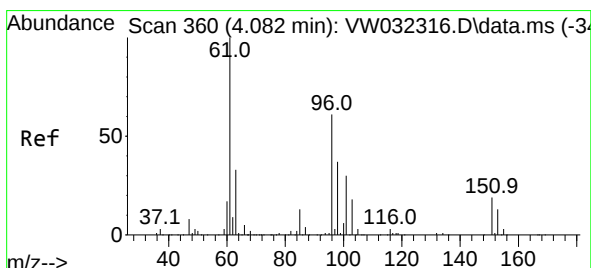
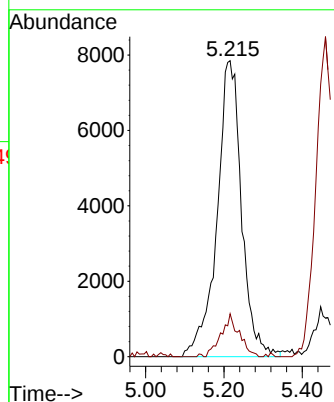
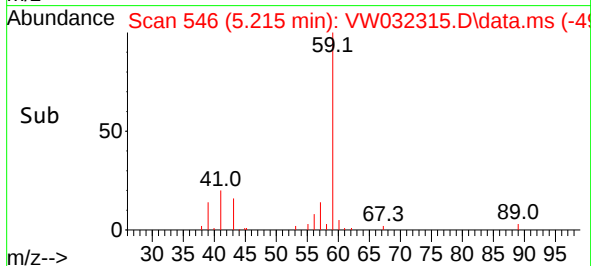


#11
Tert butyl alcohol
Concen: 110.188 ug/l
RT: 5.215 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :

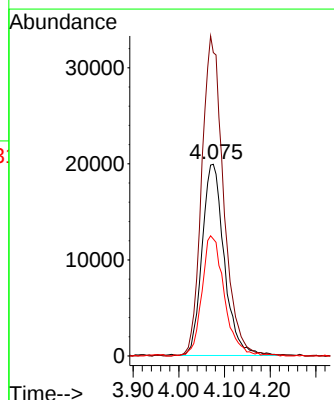
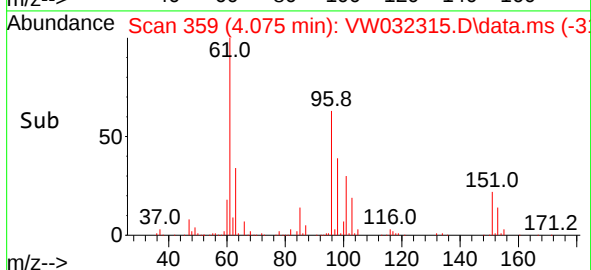
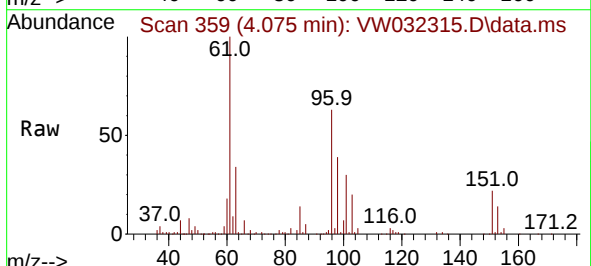


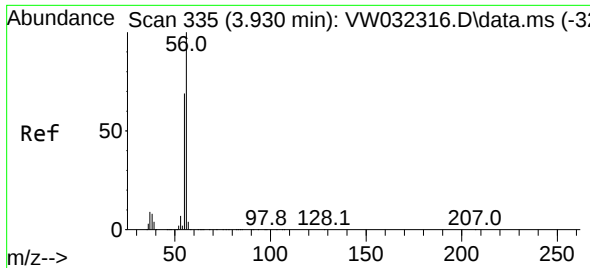
Tgt Ion: 59 Resp: 34233
Ion Ratio Lower Upper
59 100
57 10.6 9.8 14.6



#12
1,1-Dichloroethene
Concen: 21.126 ug/l
RT: 4.075 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 96 Resp: 67001
Ion Ratio Lower Upper
96 100
61 158.2 123.0 184.4
98 61.2 48.5 72.7

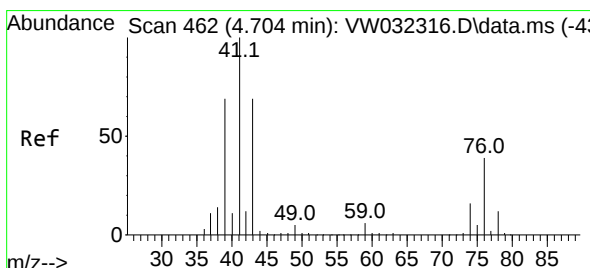
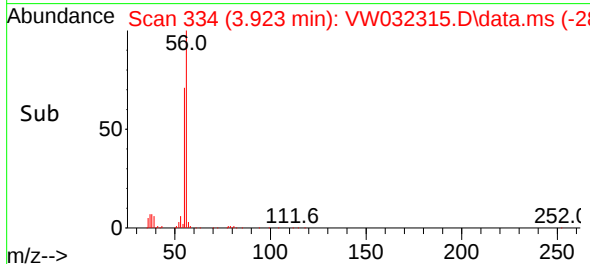
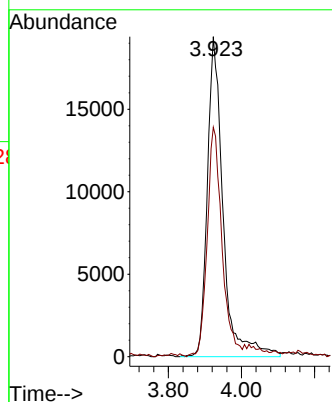
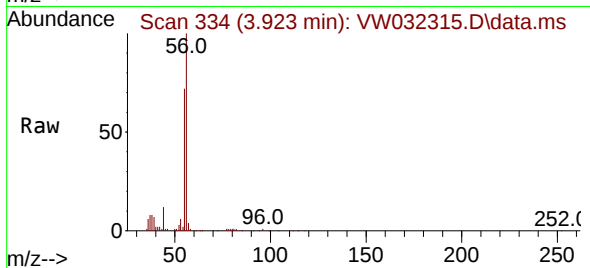




#13
Acrolein
Concen: 114.243 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

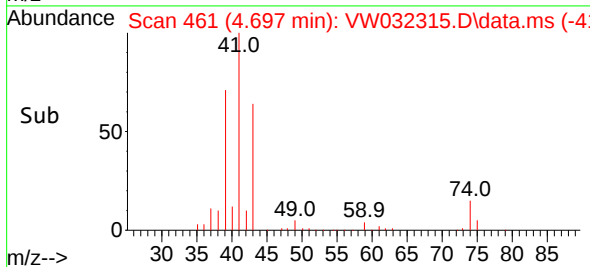
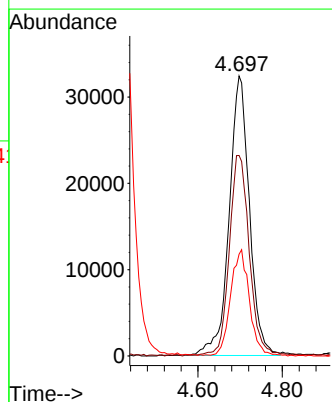
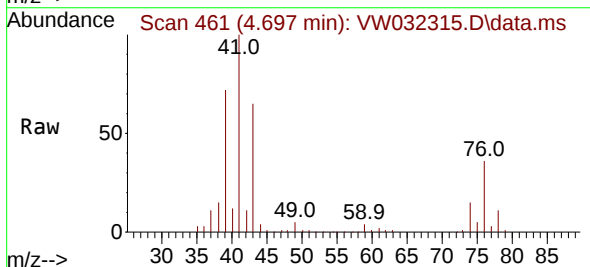
Instrument :
MSVOA_W
ClientSampleId :

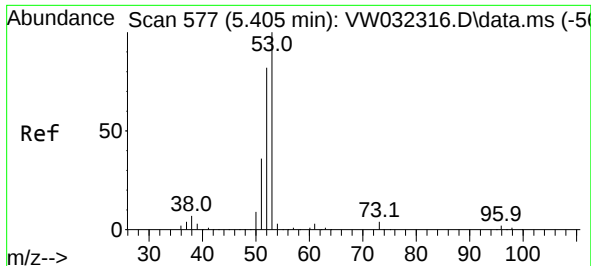
Tgt Ion: 56 Resp: 57603
Ion Ratio Lower Upper
56 100
55 67.4 56.4 84.6



#14
Allyl chloride
Concen: 20.129 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

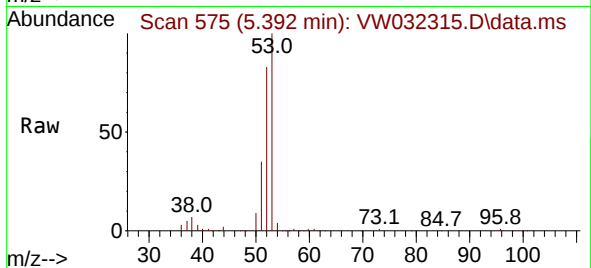
Tgt Ion: 41 Resp: 107824
Ion Ratio Lower Upper
41 100
39 71.4 64.1 96.1
76 35.7 31.4 47.2





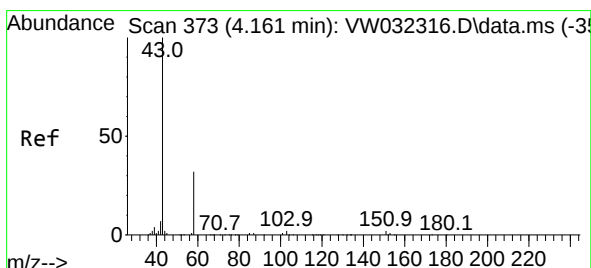
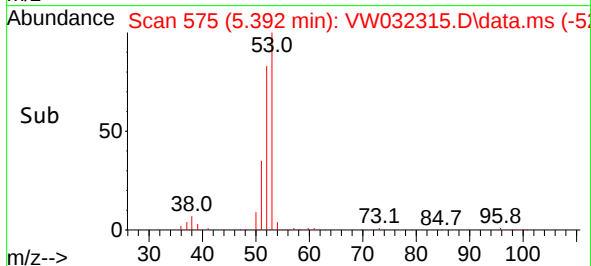
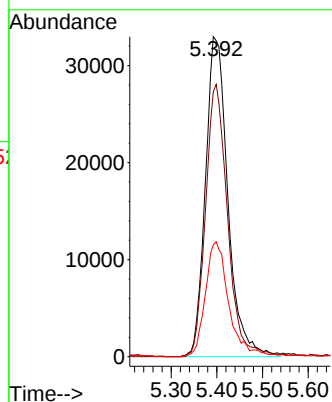
#15
Acrylonitrile
Concen: 102.687 ug/l
RT: 5.392 min Scan# 51
Delta R.T. -0.013 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 112746

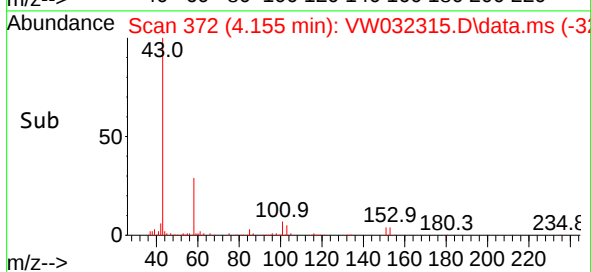
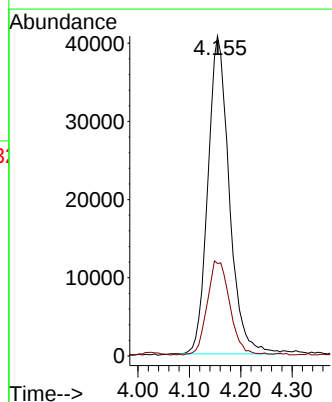
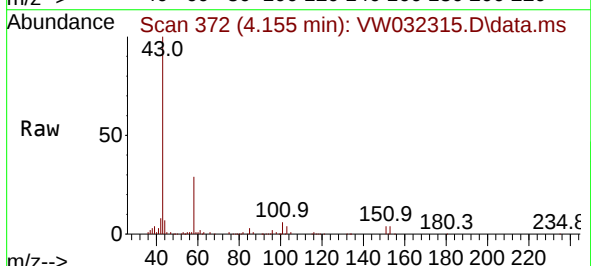
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.4	101.2
51	37.5	30.3	45.5

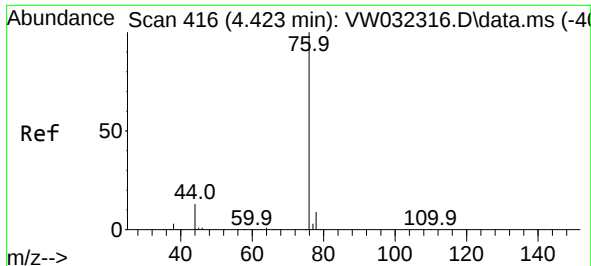


#16
Acetone
Concen: 103.498 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 43 Resp: 117625

Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.3	37.9

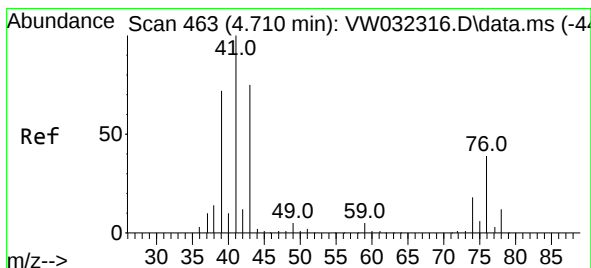
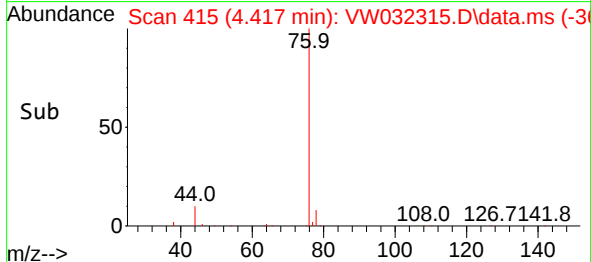
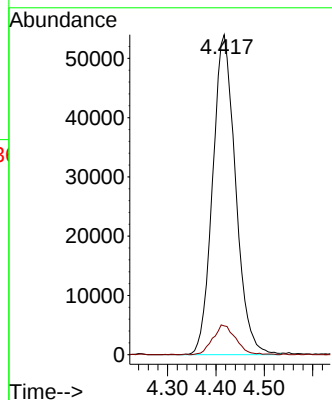
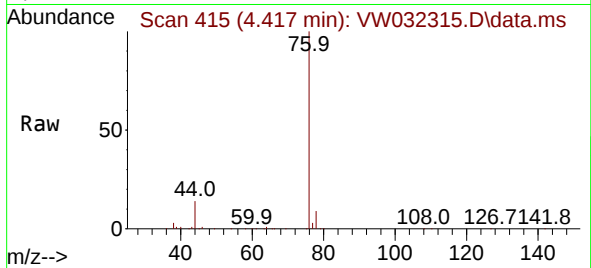




#17
Carbon Disulfide
Concen: 20.568 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

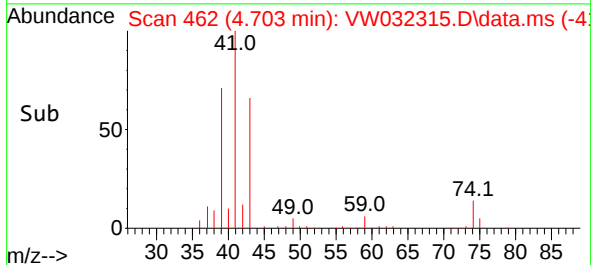
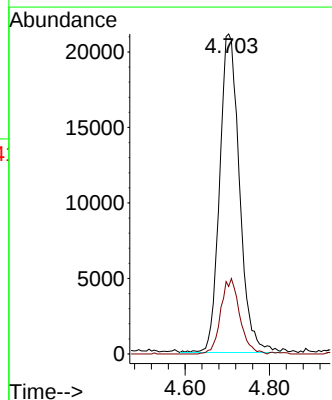
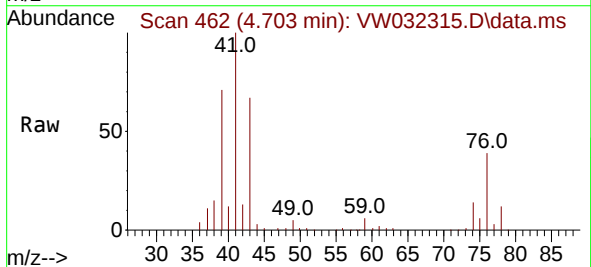
Instrument :
MSVOA_W
ClientSampleId :

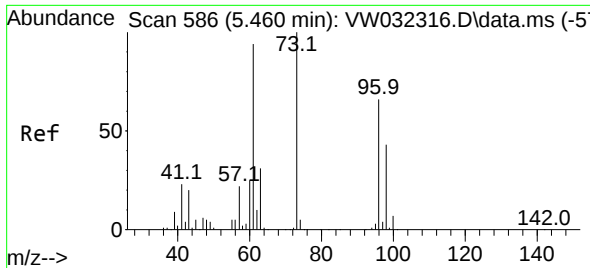
Tgt Ion: 76 Resp: 177979
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 21.157 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 43 Resp: 68880
Ion Ratio Lower Upper
43 100
74 22.6 20.2 30.4

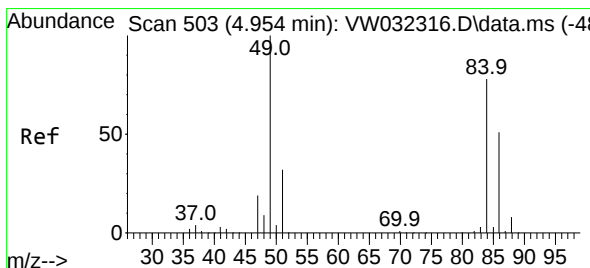
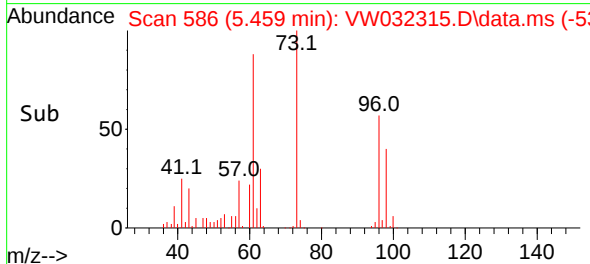
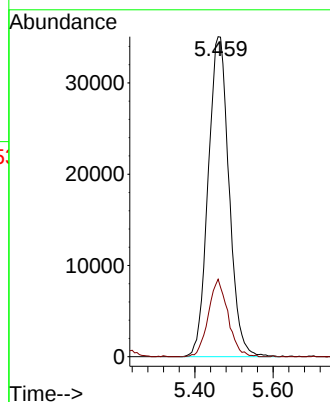
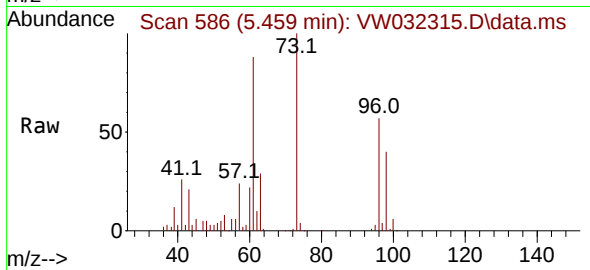




#19
Methyl tert-butyl Ether
Concen: 20.722 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

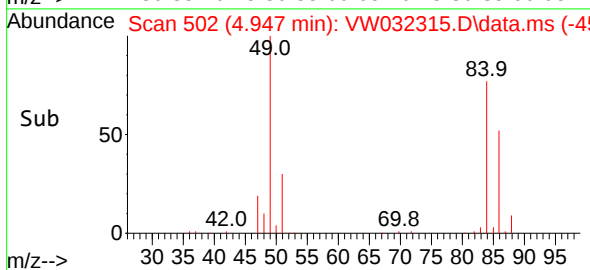
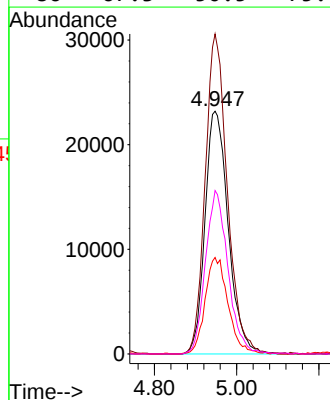
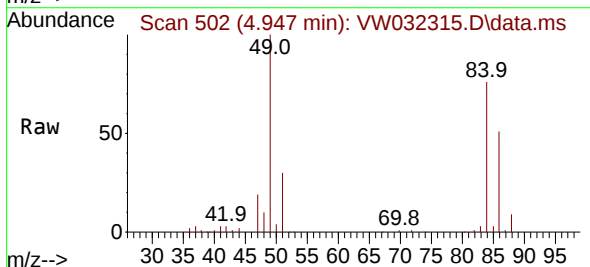
Instrument :
MSVOA_W
ClientSampleId :

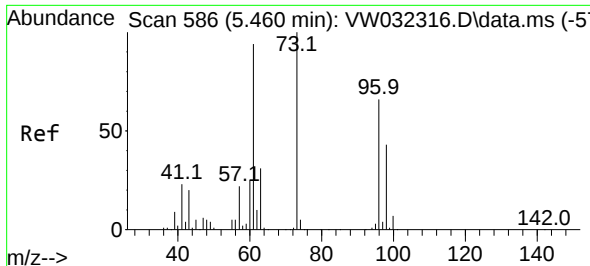
Tgt Ion: 73 Resp: 129438
Ion Ratio Lower Upper
73 100
57 24.2 16.2 24.4



#20
Methylene Chloride
Concen: 21.174 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 84 Resp: 91257
Ion Ratio Lower Upper
84 100
49 131.8 92.2 138.4
51 39.7 31.0 46.6
86 67.3 50.5 75.7

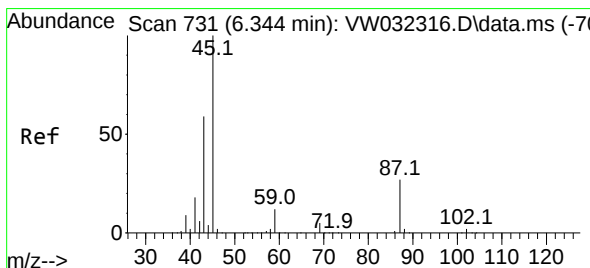
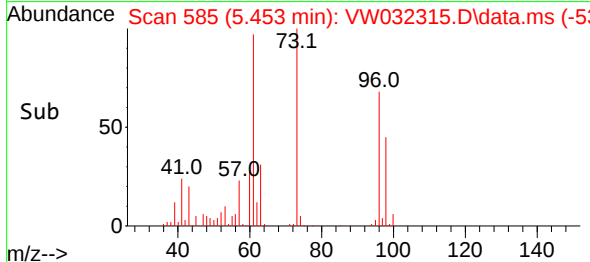
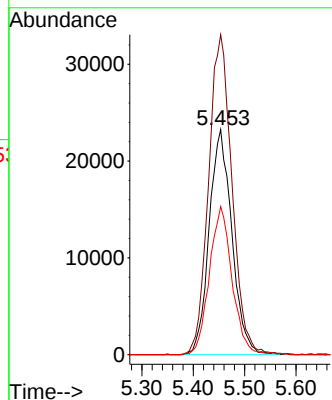
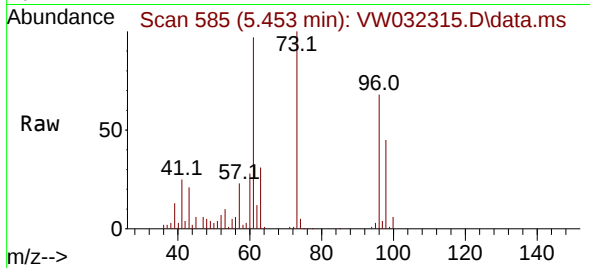




#21
trans-1,2-Dichloroethene
Concen: 20.381 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

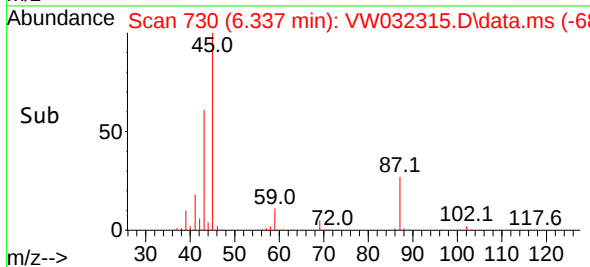
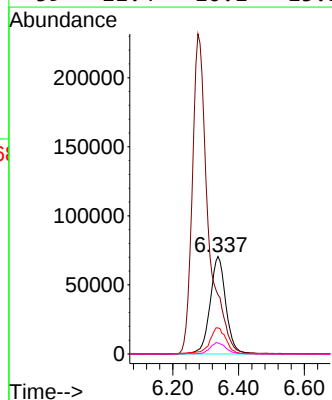
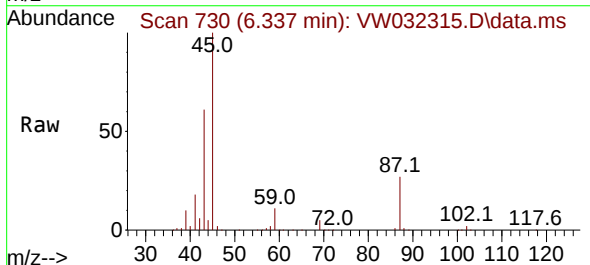
Instrument :
MSVOA_W
ClientSampleId :

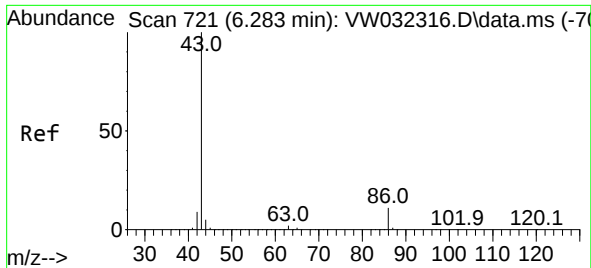
Tgt Ion: 96 Resp: 71565
Ion Ratio Lower Upper
96 100
61 142.1 112.5 168.7
98 65.7 54.2 81.4



#22
Diisopropyl ether
Concen: 21.068 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 45 Resp: 234704
Ion Ratio Lower Upper
45 100
43 60.2 51.4 77.2
87 26.7 25.9 38.9
59 11.4 10.1 15.1

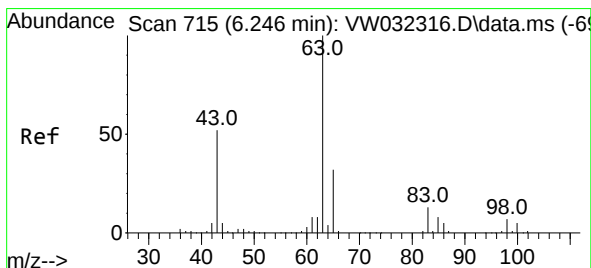
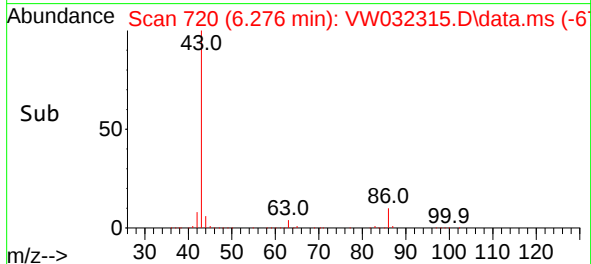
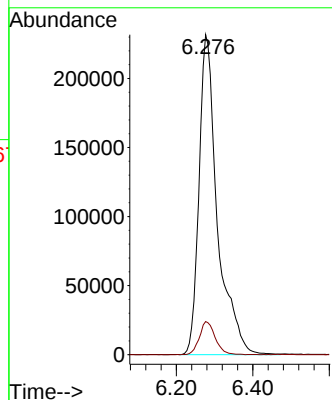
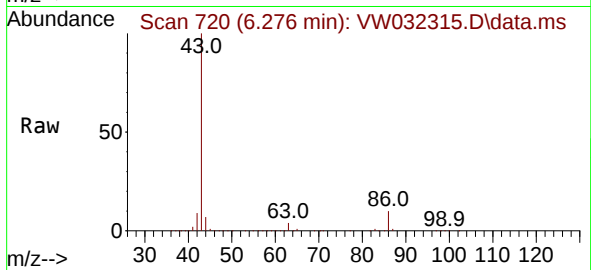




#23
 Vinyl Acetate
 Concen: 104.011 ug/l
 RT: 6.276 min Scan# 713
 Delta R.T. -0.007 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

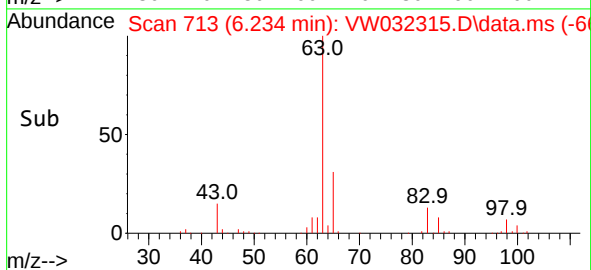
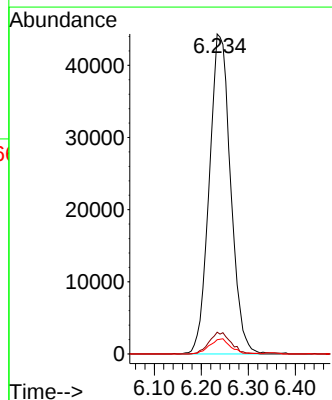
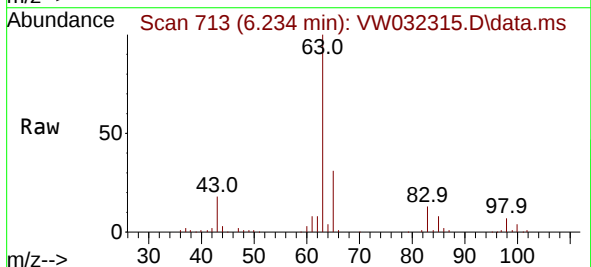
Instrument :
 MSVOA_W
 ClientSampleId :

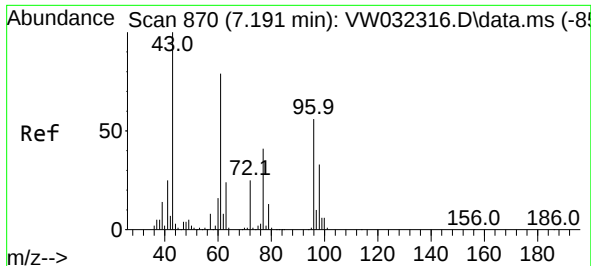
Tgt Ion: 43 Resp: 773956
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.687 ug/l
 RT: 6.234 min Scan# 713
 Delta R.T. -0.013 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

Tgt Ion: 63 Resp: 140018
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.4 2.5 7.5

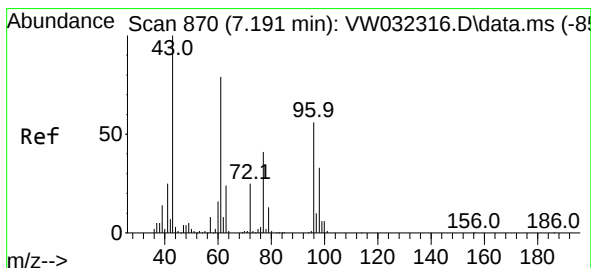
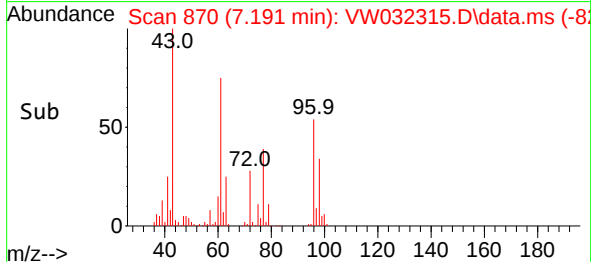
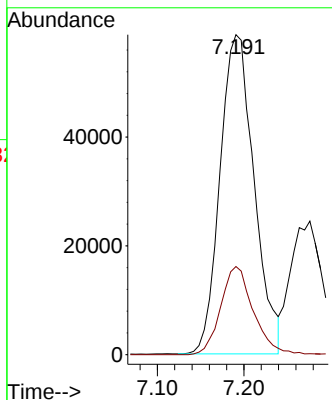
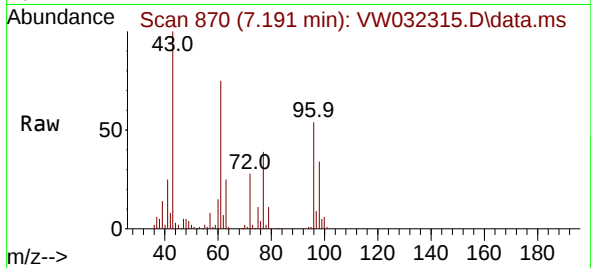




#25
2-Butanone
Concen: 103.830 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

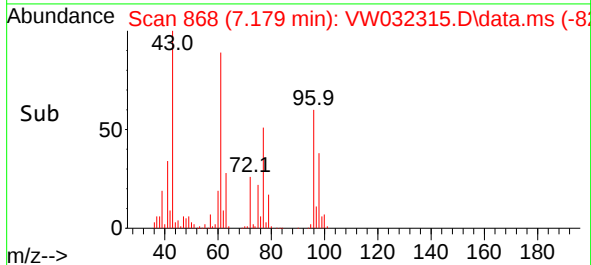
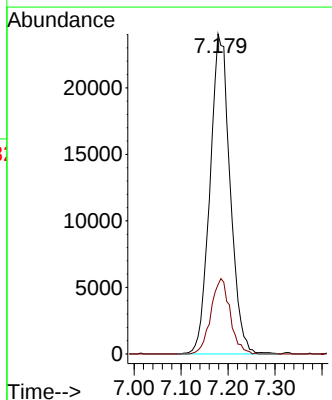
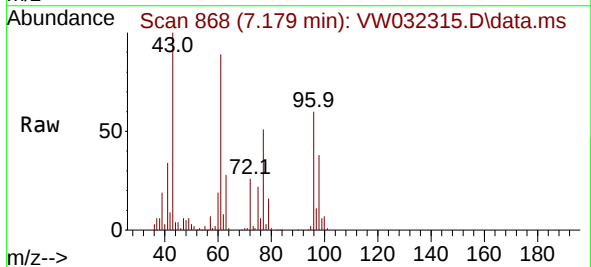
Instrument :
MSVOA_W
ClientSampleId :

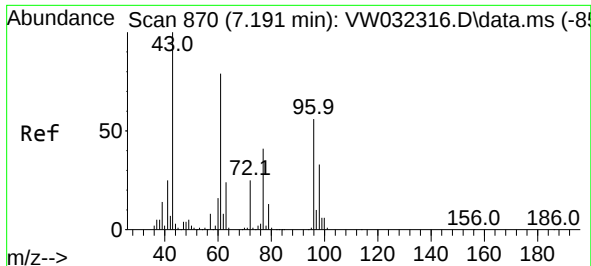
Tgt Ion: 43 Resp: 160713
Ion Ratio Lower Upper
43 100
72 27.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.653 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

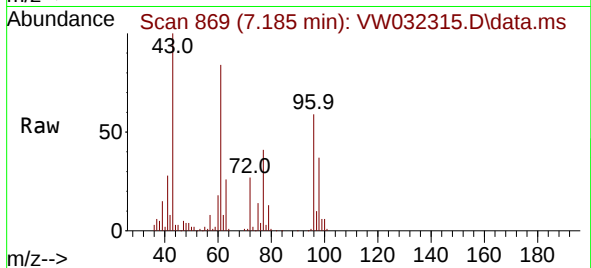
Tgt Ion: 77 Resp: 71502
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.5



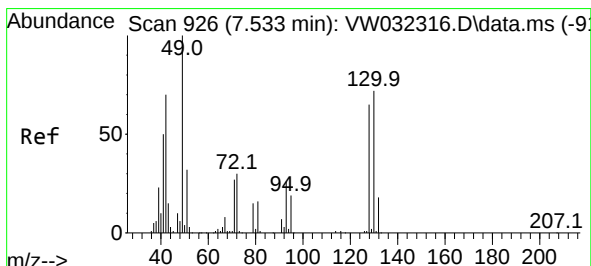
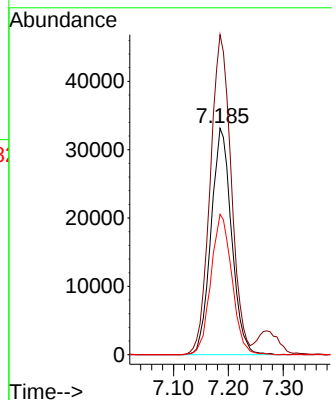
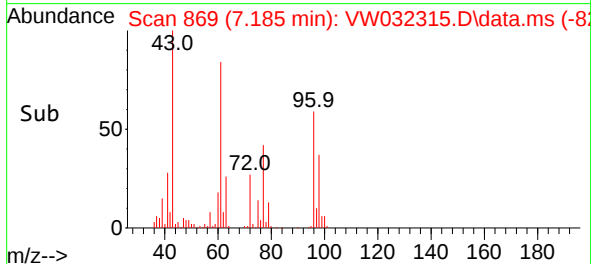


#27
 cis-1,2-Dichloroethene
 Concen: 20.434 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.007 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

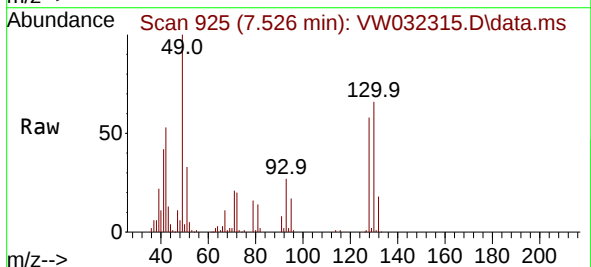
Instrument :
 MSVOA_W
 ClientSampleId :



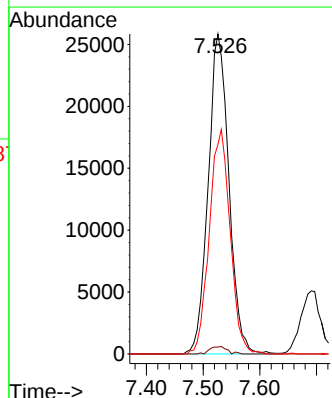
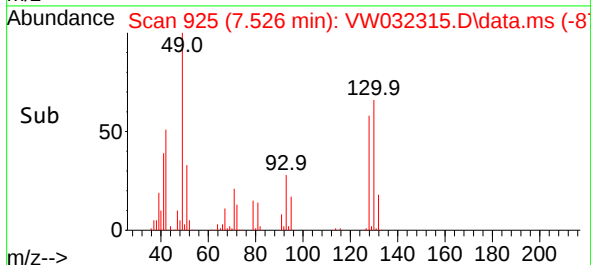
Tgt Ion: 96 Resp: 86196
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 268.0
 98 63.4 0.0 130.8

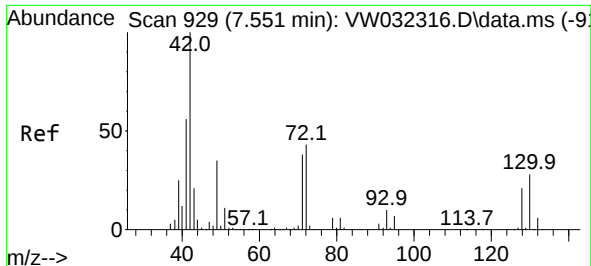


#28
 Bromochloromethane
 Concen: 20.601 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15



Tgt Ion: 49 Resp: 65600
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 70.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 104.194 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

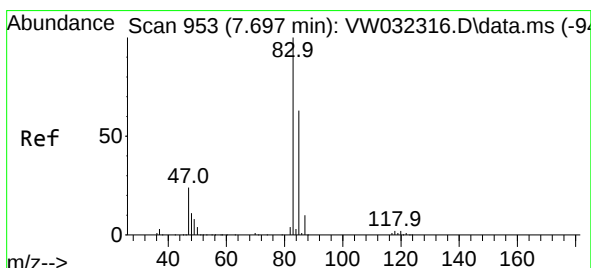
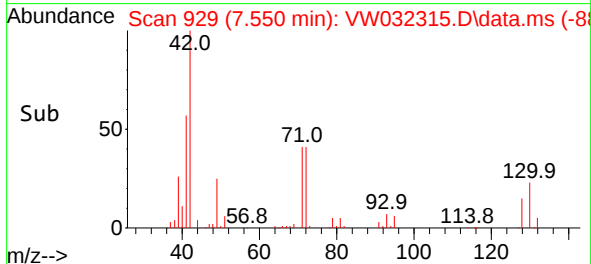
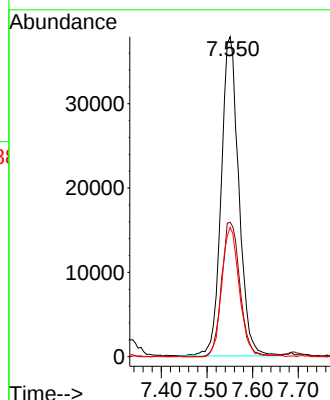
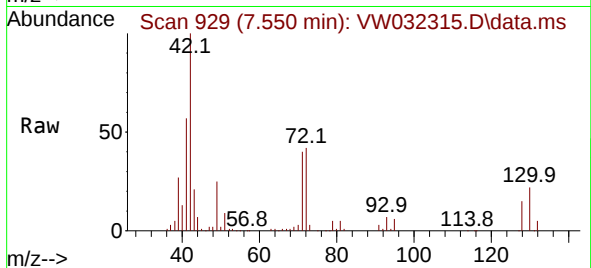
Tgt Ion: 42 Resp: 101422

Ion Ratio Lower Upper

42 100

72 43.9 37.4 56.2

71 40.6 36.0 54.0



#30

Chloroform

Concen: 20.837 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032315.D

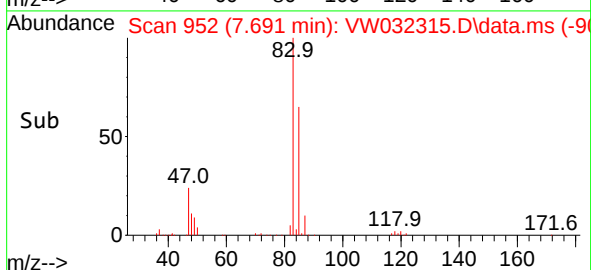
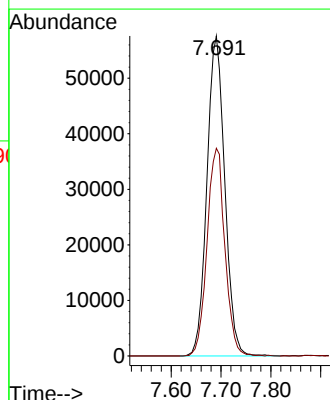
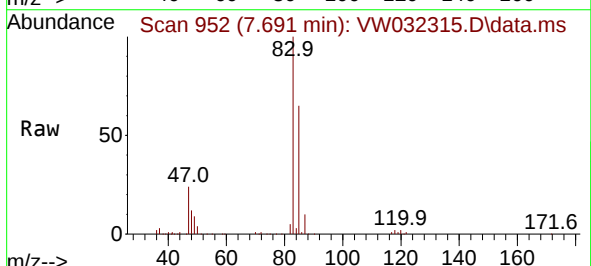
Acq: 01 Oct 2025 14:15

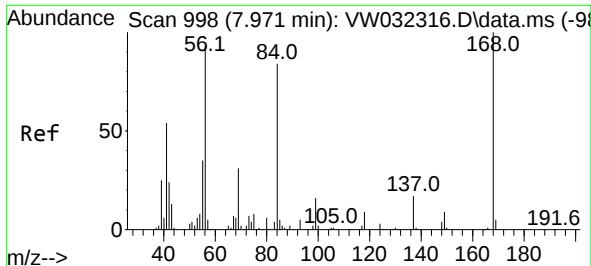
Tgt Ion: 83 Resp: 143028

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

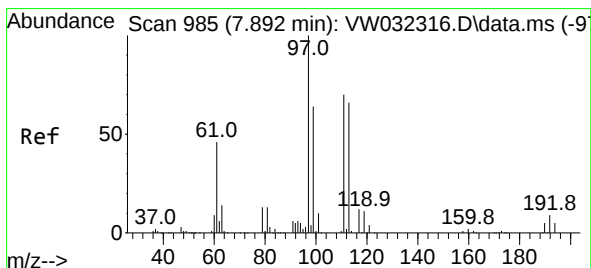
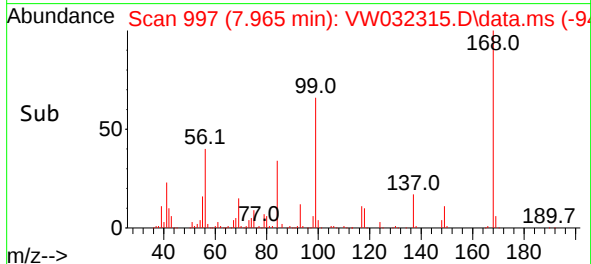
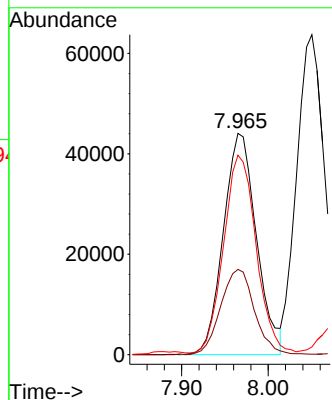
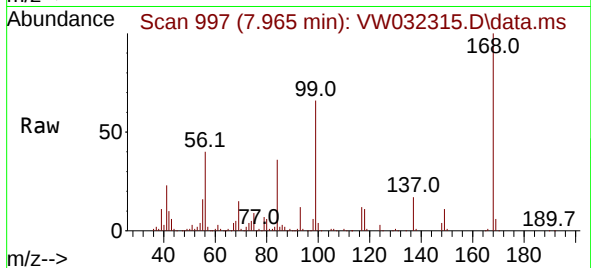




#31
Cyclohexane
Concen: 20.304 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

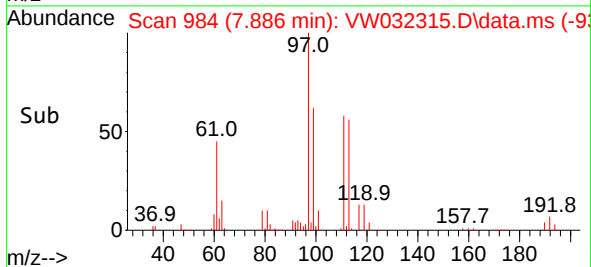
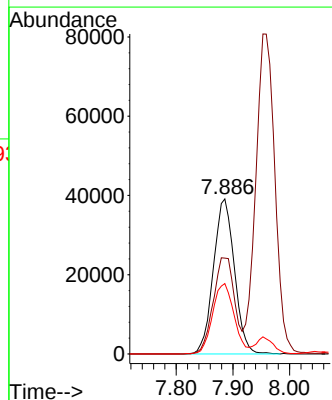
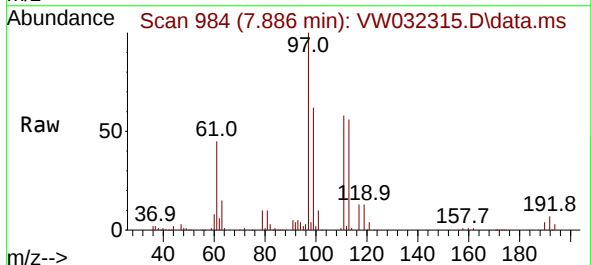
Instrument :
MSVOA_W
ClientSampleId :

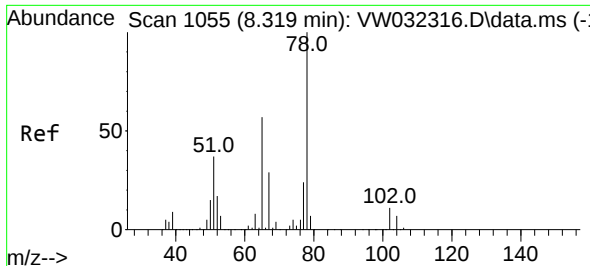
Tgt Ion: 56 Resp: 117320
Ion Ratio Lower Upper
56 100
69 38.2 27.7 41.5
84 89.0 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 20.731 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 97 Resp: 100837
Ion Ratio Lower Upper
97 100
99 62.9 50.9 76.3
61 46.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 20.978 ug/l

RT: 8.312 min Scan# 1054

Delta R.T. -0.007 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

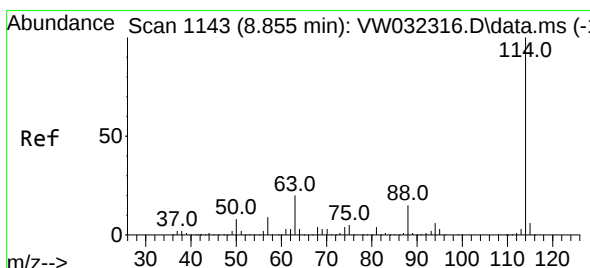
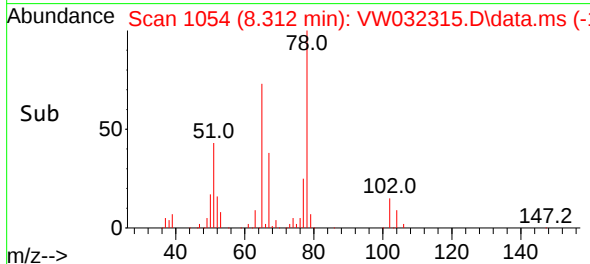
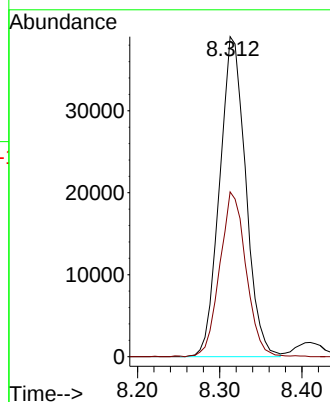
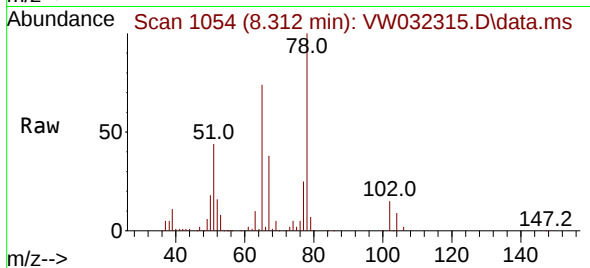
ClientSampleId :

Tgt Ion: 65 Resp: 86104

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.007 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

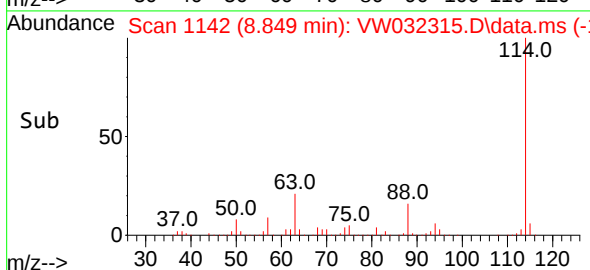
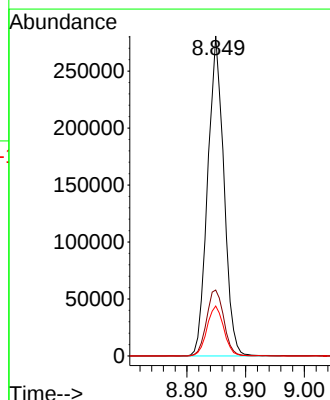
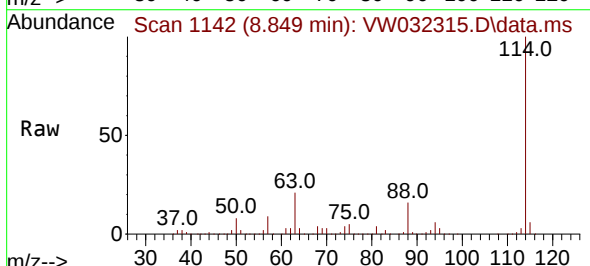
Tgt Ion: 114 Resp: 536489

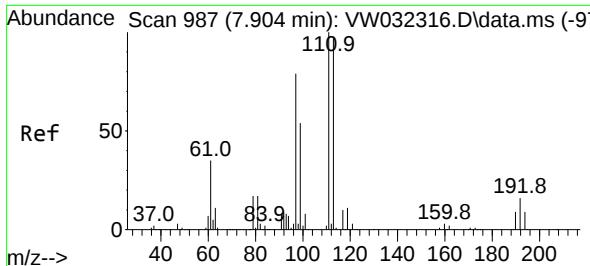
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 15.6 0.0 32.0

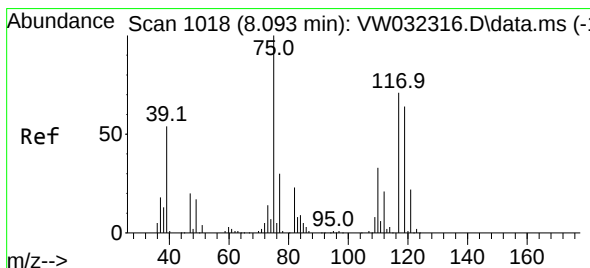
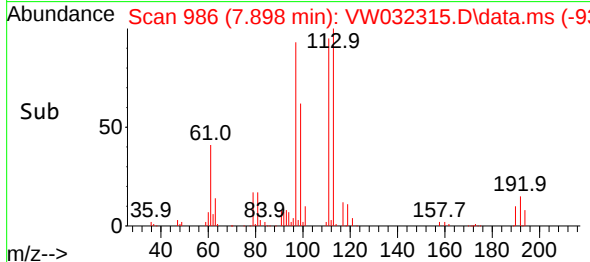
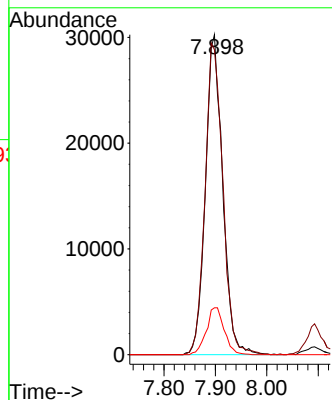
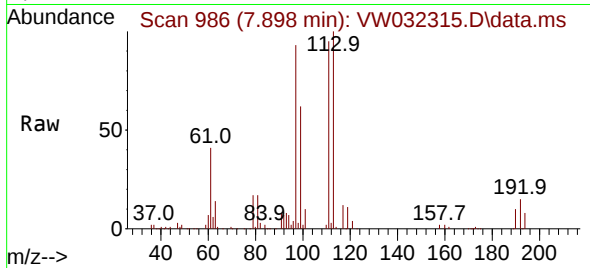




#35
Dibromofluoromethane
Concen: 20.225 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

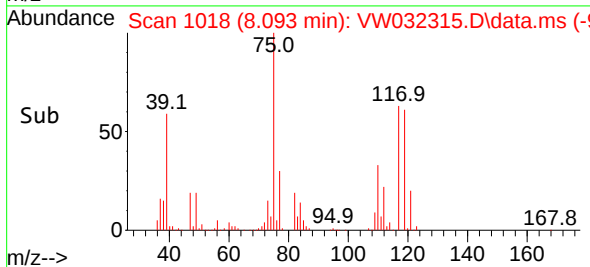
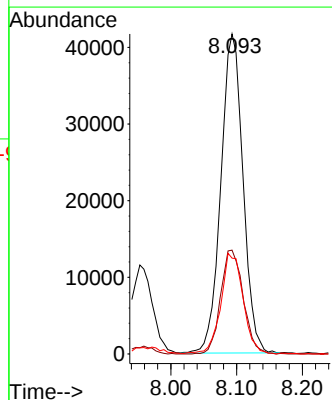
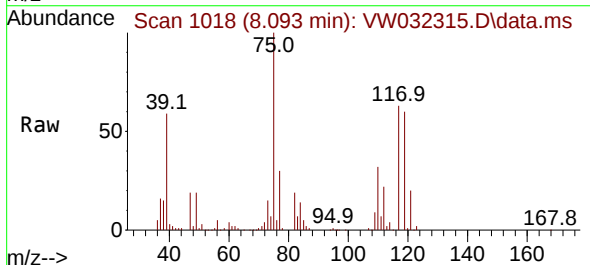
Instrument :
MSVOA_W
ClientSampleId :

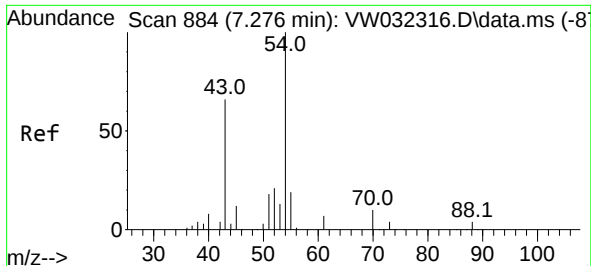
Tgt Ion:113 Resp: 70270
Ion Ratio Lower Upper
113 100
111 100.5 83.9 125.9
192 15.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 19.902 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 75 Resp: 97586
Ion Ratio Lower Upper
75 100
110 33.2 17.5 52.5
77 31.8 24.1 36.1





#37

Ethyl Acetate

Concen: 19.859 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032315.D

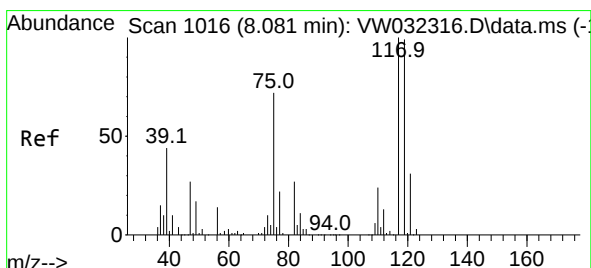
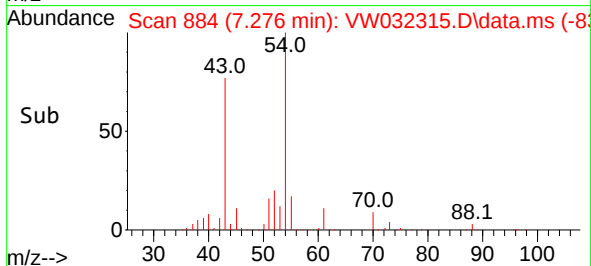
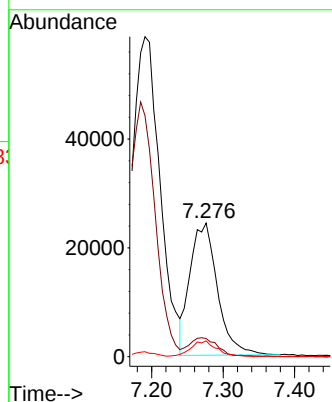
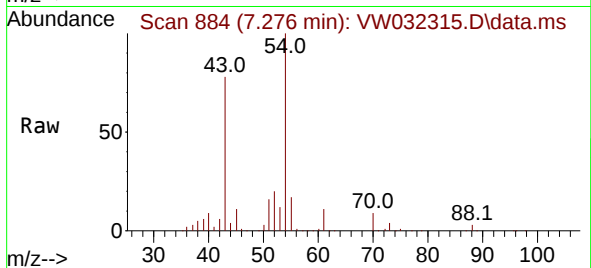
Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	64814
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	11.4	8.9	13.3



#38

Carbon Tetrachloride

Concen: 19.861 ug/l

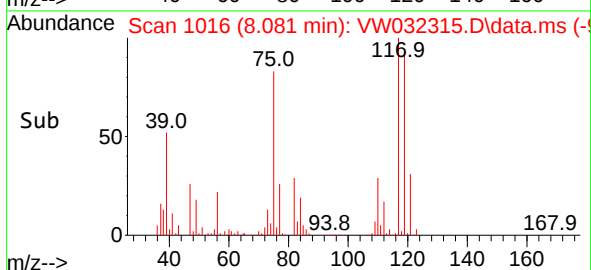
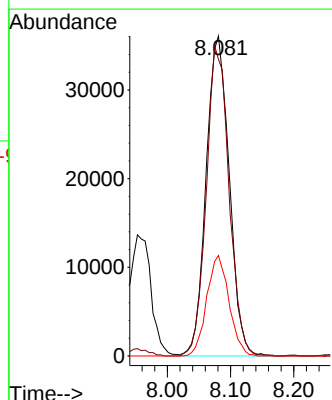
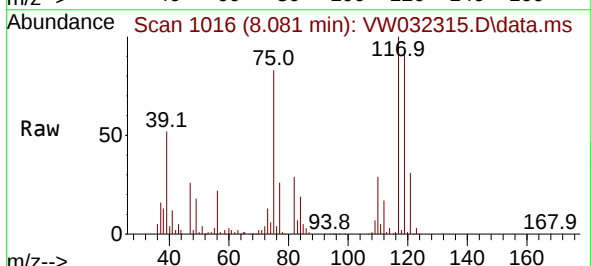
RT: 8.081 min Scan# 1016

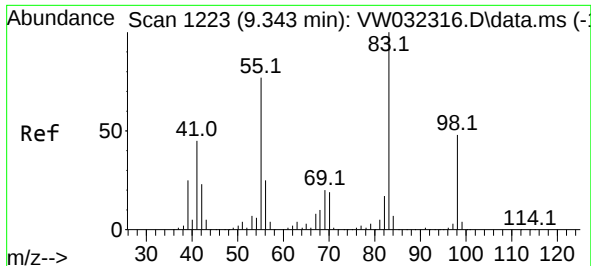
Delta R.T. -0.007 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Tgt Ion:	117	Resp:	91643
Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.2	111.2
121	31.4	25.6	38.4





#39

Methylcyclohexane

Concen: 19.190 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

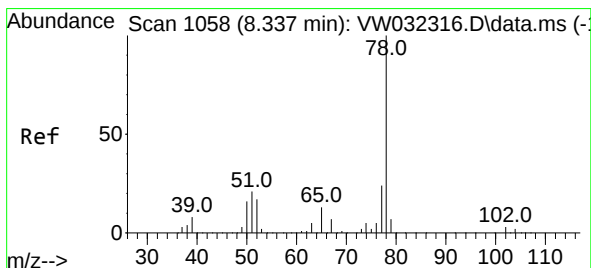
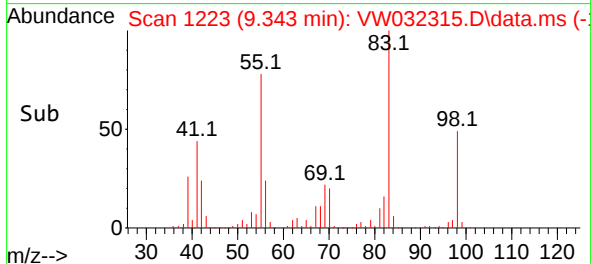
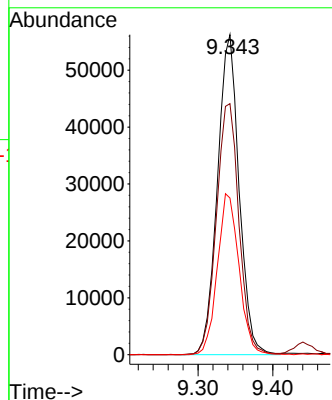
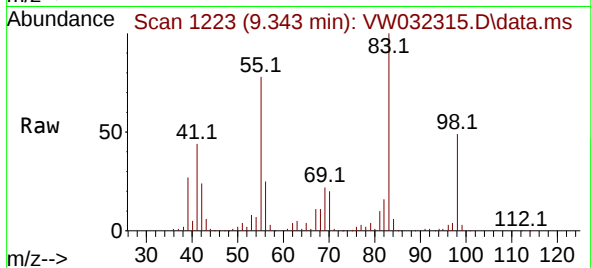
Tgt Ion: 83 Resp: 113500

Ion Ratio Lower Upper

83 100

55 78.4 58.4 87.6

98 49.0 39.4 59.2



#40

Benzene

Concen: 20.112 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.007 min

Lab File: VW032315.D

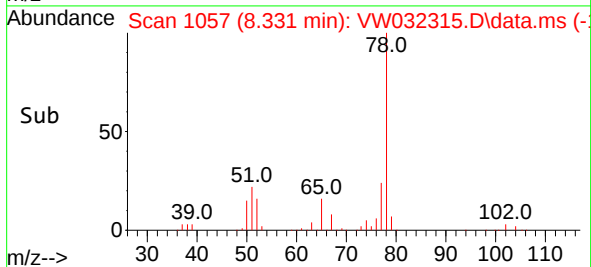
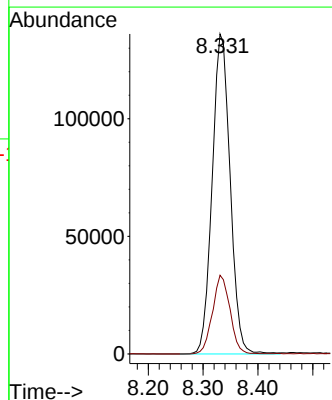
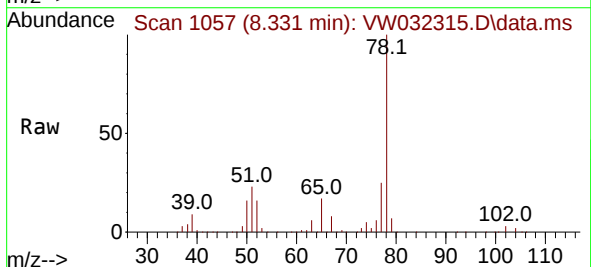
Acq: 01 Oct 2025 14:15

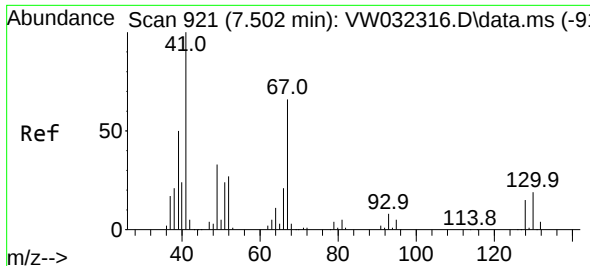
Tgt Ion: 78 Resp: 309105

Ion Ratio Lower Upper

78 100

77 24.6 20.7 31.1



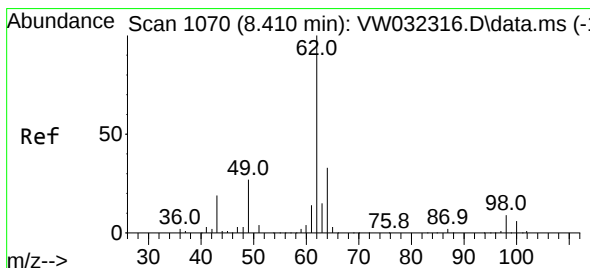
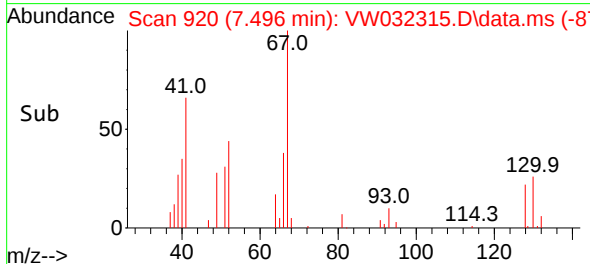
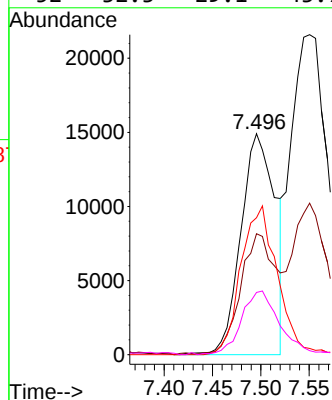
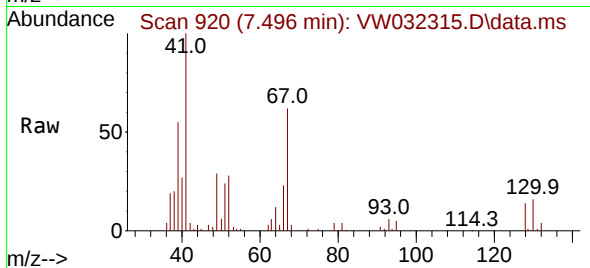


#41
Methacrylonitrile
Concen: 21.042 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 37010

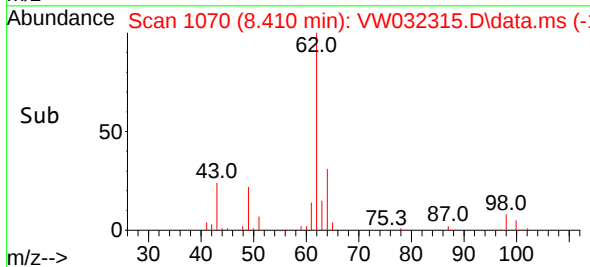
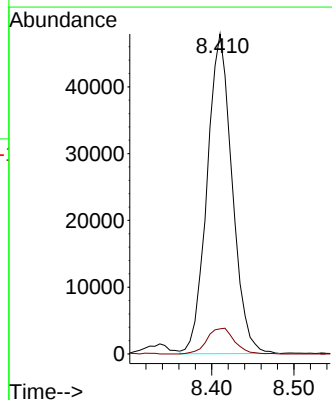
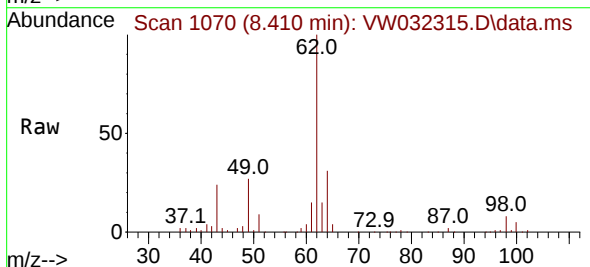
Ion	Ratio	Lower	Upper
41	100		
39	54.5	50.9	76.3
67	72.1	65.6	98.4
52	32.3	29.1	43.7

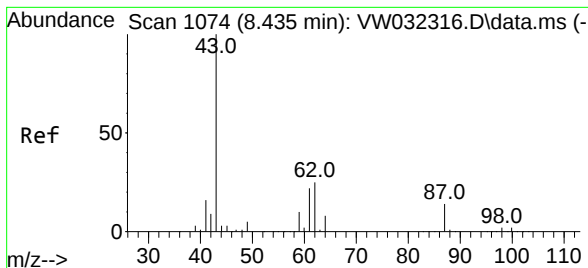


#42
1,2-Dichloroethane
Concen: 20.160 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 62 Resp: 101383

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.988 ug/l

RT: 8.434 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

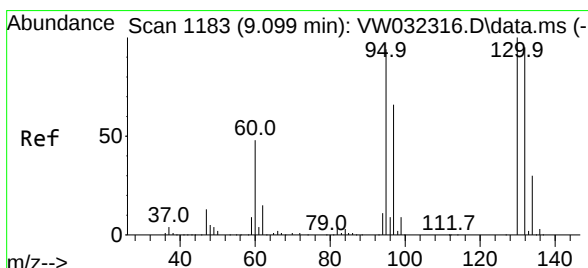
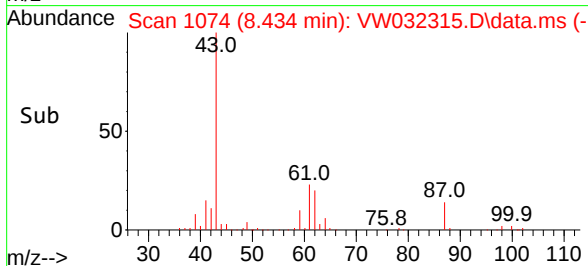
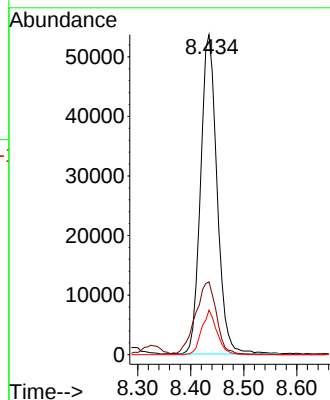
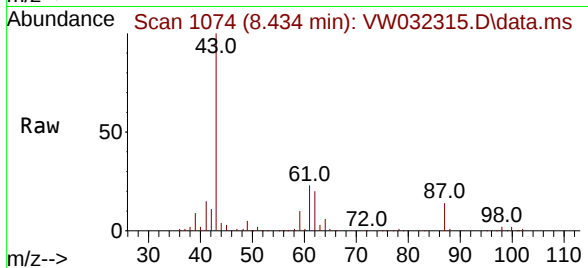
Tgt Ion: 43 Resp: 115725

Ion Ratio Lower Upper

43 100

61 29.5 23.3 34.9

87 12.9 11.1 16.7



#44

Trichloroethene

Concen: 19.651 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. -0.000 min

Lab File: VW032315.D

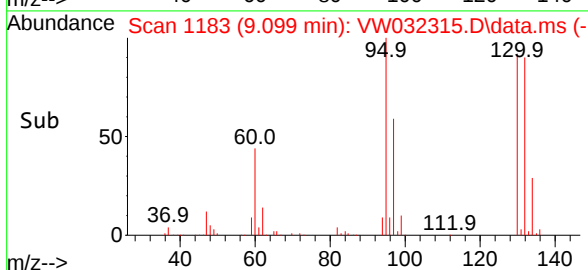
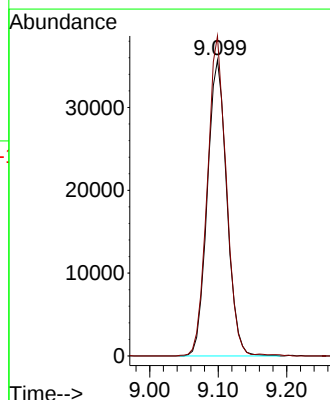
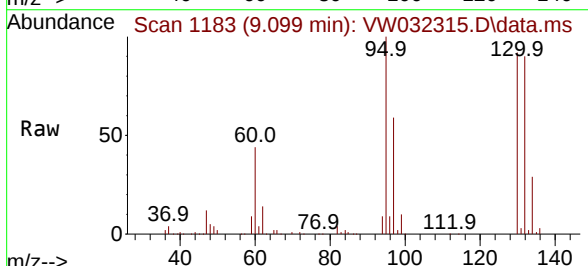
Acq: 01 Oct 2025 14:15

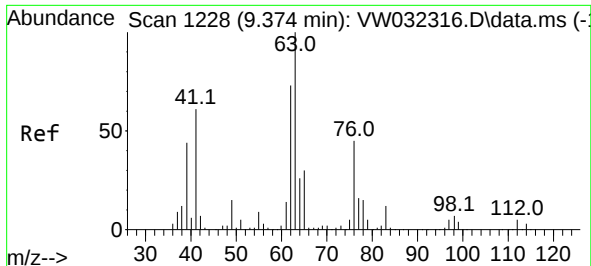
Tgt Ion:130 Resp: 70719

Ion Ratio Lower Upper

130 100

95 107.9 0.0 220.0





#45

1,2-Dichloropropane

Concen: 20.284 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

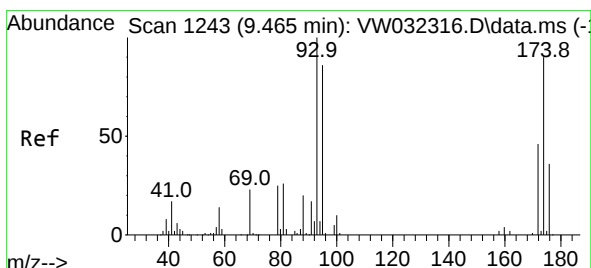
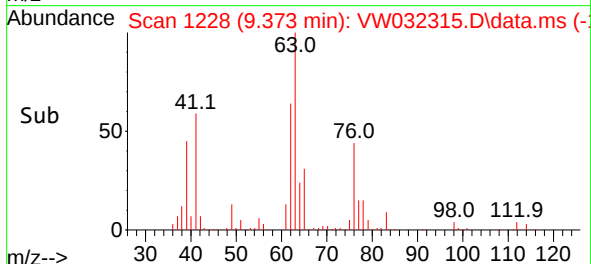
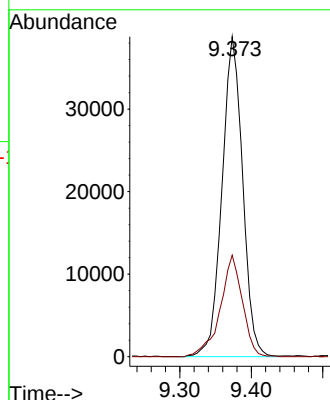
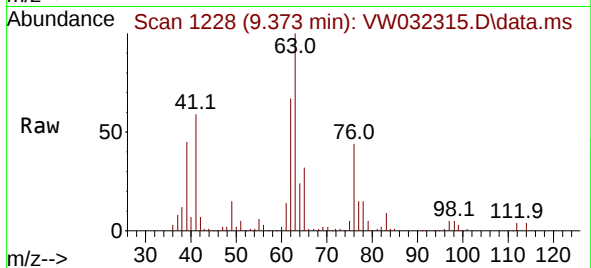
ClientSampleId :

Tgt Ion: 63 Resp: 77815

Ion Ratio Lower Upper

63 100

65 31.7 24.3 36.5



#46

Dibromomethane

Concen: 20.192 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.007 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

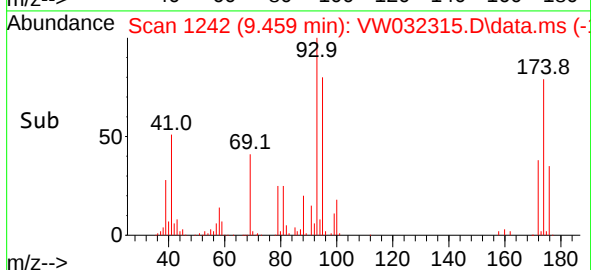
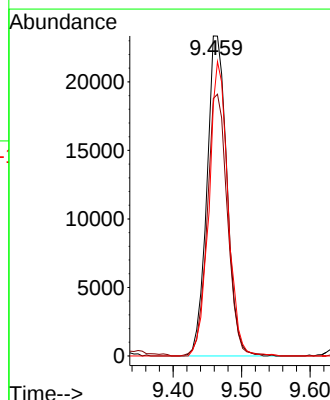
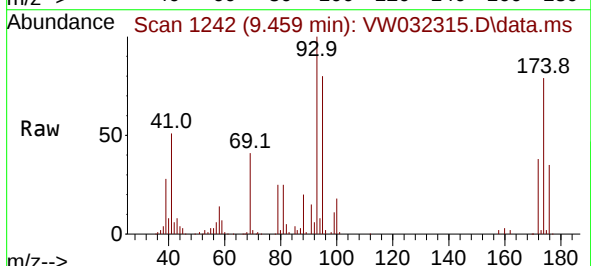
Tgt Ion: 93 Resp: 47632

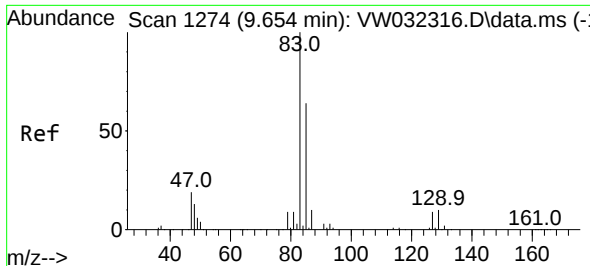
Ion Ratio Lower Upper

93 100

95 82.3 67.4 101.2

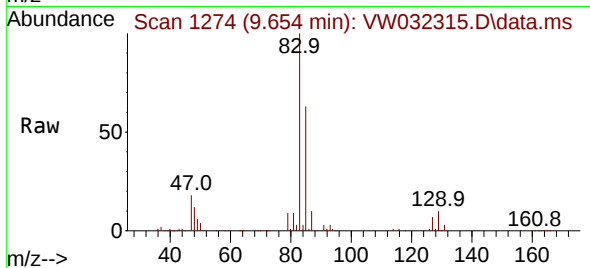
174 87.4 75.7 113.5



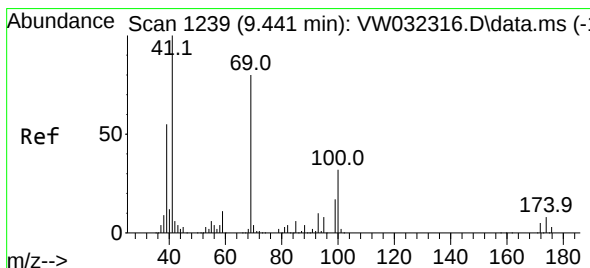
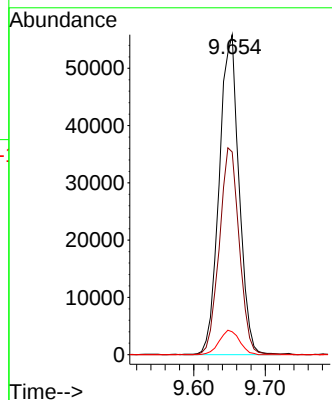
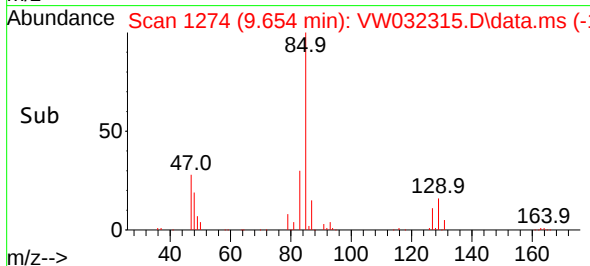


#47
Bromodichloromethane
Concen: 19.886 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :

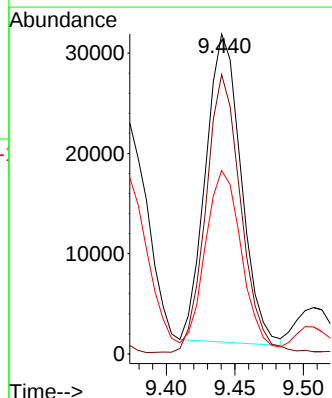
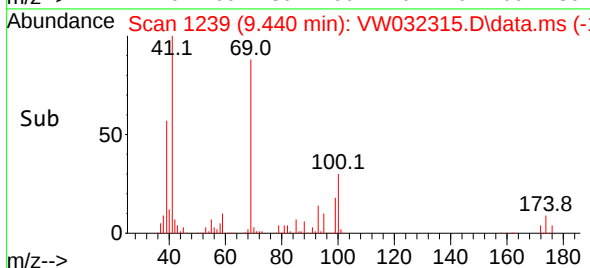
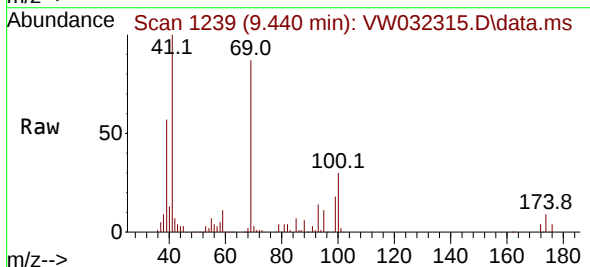


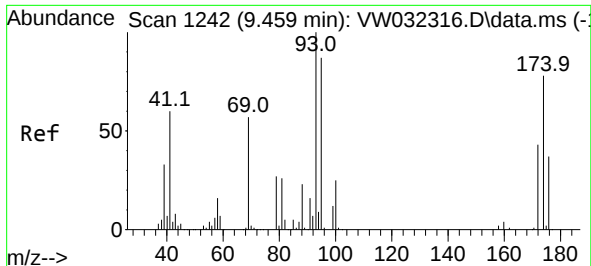
Tgt Ion: 83 Resp: 107295
Ion Ratio Lower Upper
83 100
85 63.2 48.7 73.1
127 7.1 6.4 9.6



#48
Methyl methacrylate
Concen: 19.561 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 41 Resp: 55063
Ion Ratio Lower Upper
41 100
69 90.8 71.5 107.3
39 61.9 55.9 83.9





#49

1,4-Dioxane

Concen: 414.108 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

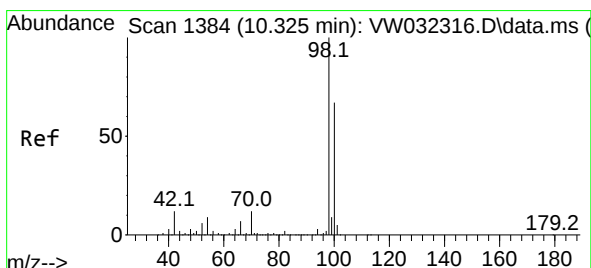
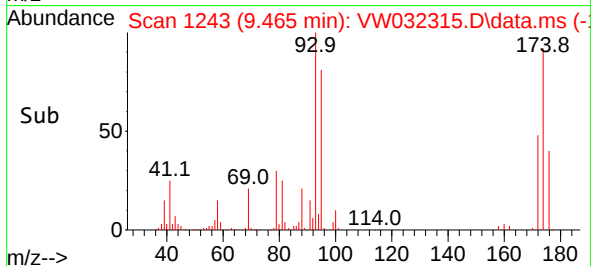
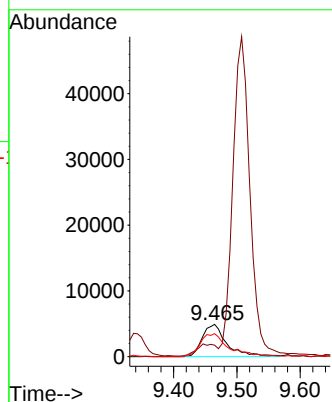
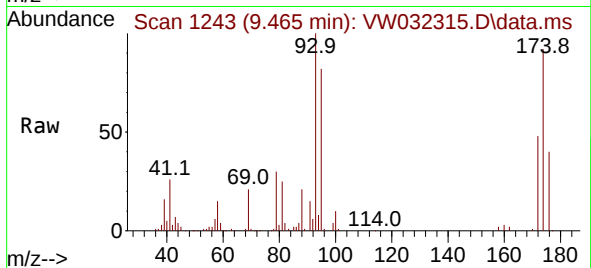
Tgt Ion: 88 Resp: 13352

Ion Ratio Lower Upper

88 100

43 29.8 18.0 27.0#

58 80.9 55.4 83.0



#50

Toluene-d8

Concen: 19.507 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032315.D

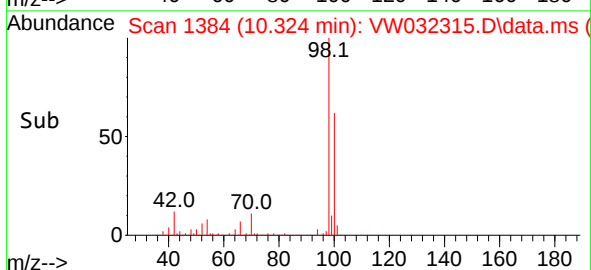
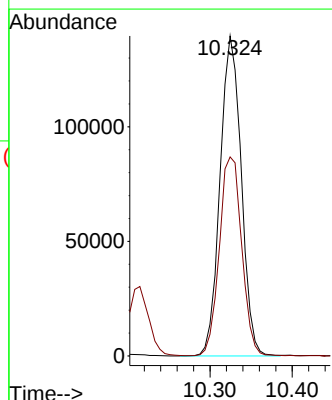
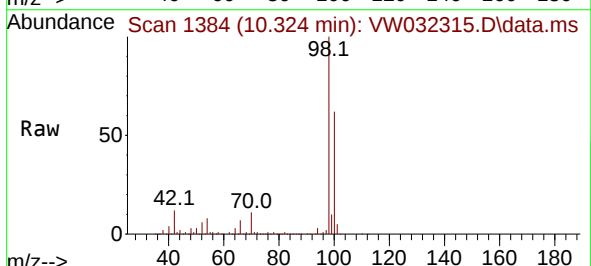
Acq: 01 Oct 2025 14:15

Tgt Ion: 98 Resp: 250144

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.2

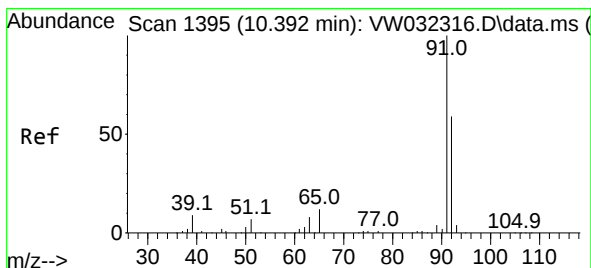
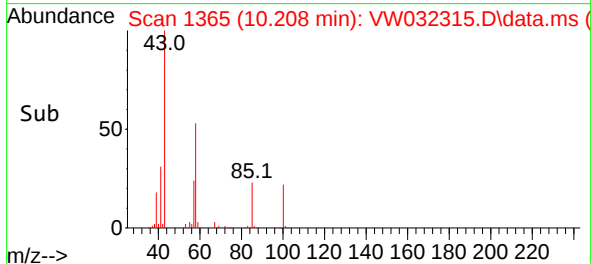
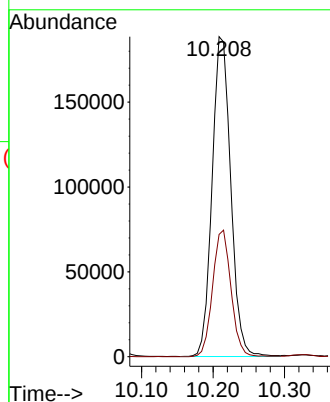
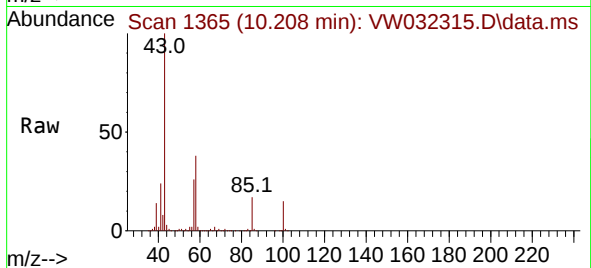




#51
4-Methyl-2-Pentanone
Concen: 101.802 ug/l
RT: 10.208 min Scan# 1365
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

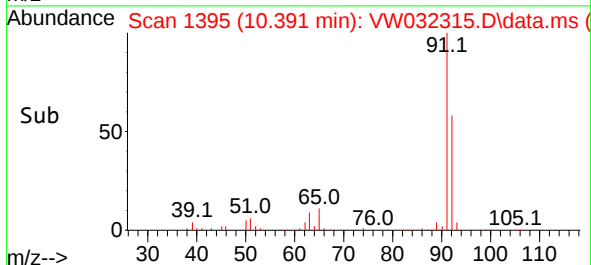
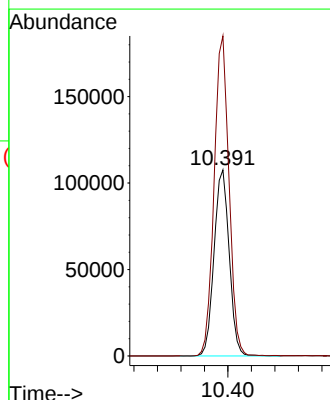
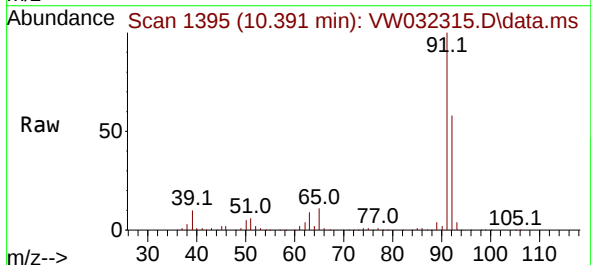
Instrument :
MSVOA_W
ClientSampleId :

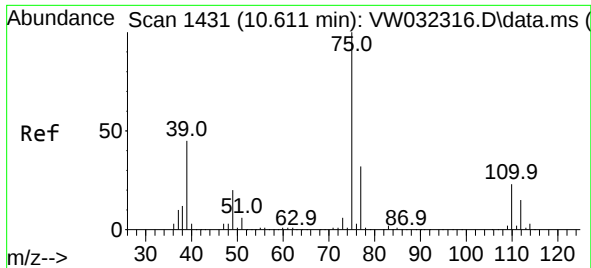
Tgt Ion: 43 Resp: 341386
Ion Ratio Lower Upper
43 100
58 39.1 32.0 48.0



#52
Toluene
Concen: 20.102 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 92 Resp: 192396
Ion Ratio Lower Upper
92 100
91 168.8 137.5 206.3

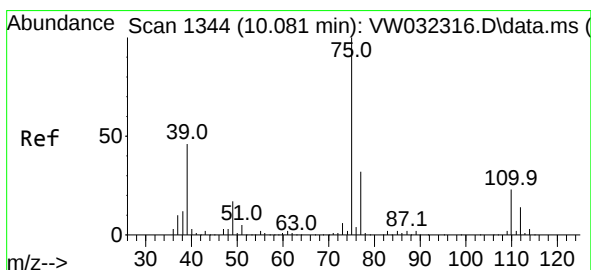
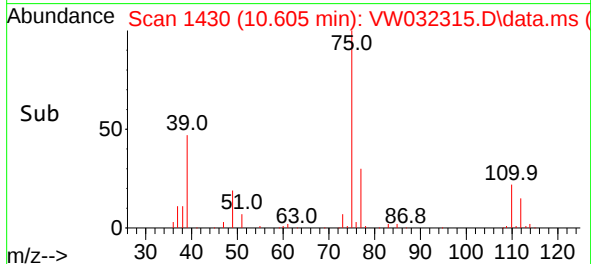
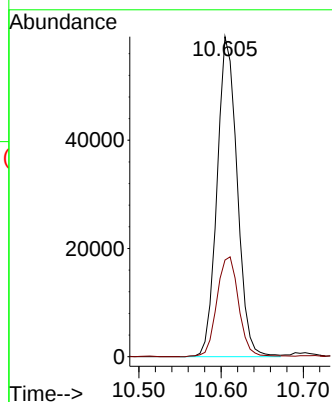
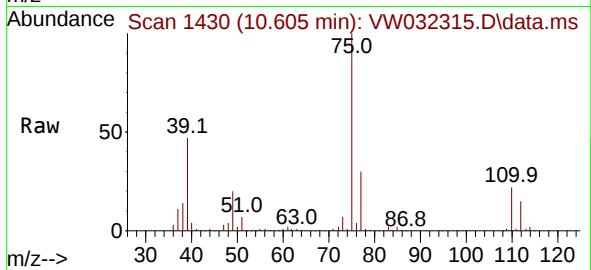




#53
t-1,3-Dichloropropene
Concen: 19.211 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

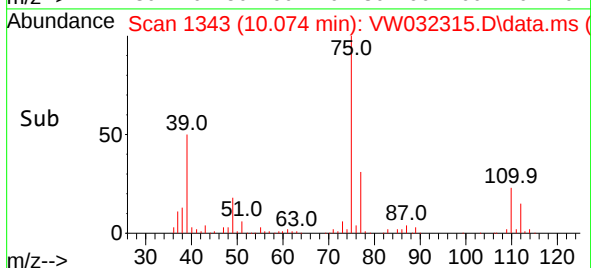
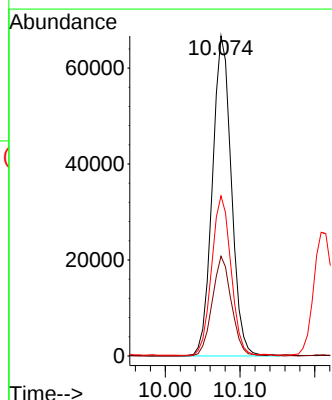
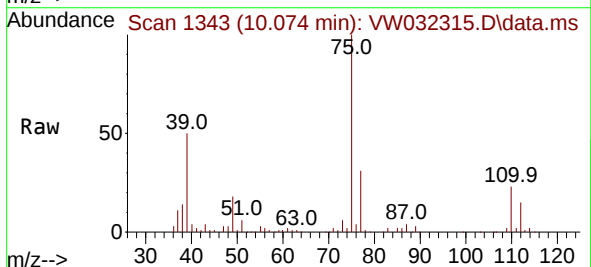
Instrument :
MSVOA_W
ClientSampleId :

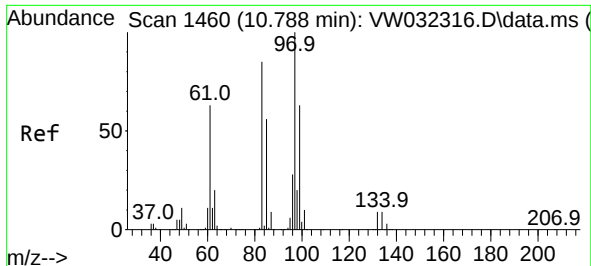
Tgt Ion: 75 Resp: 100559
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.565 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 75 Resp: 117968
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7
39 49.8 43.2 64.8

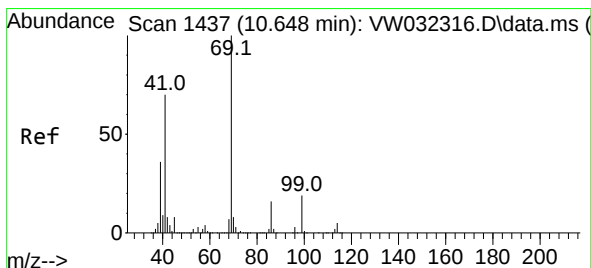
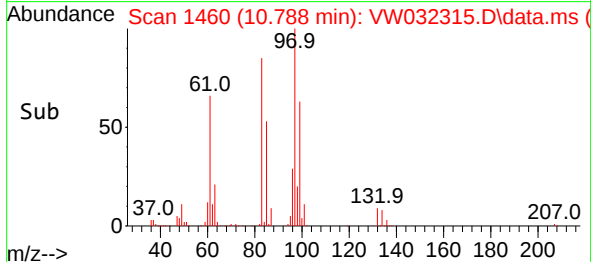
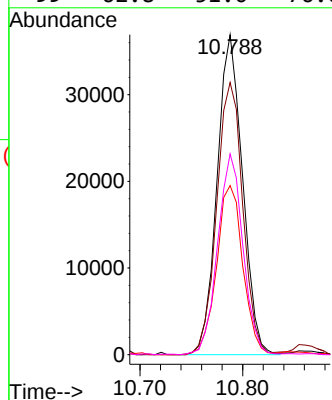
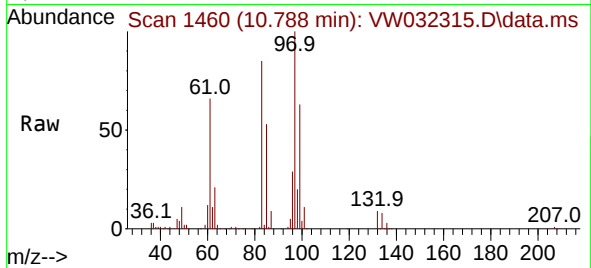




#55
1,1,2-Trichloroethane
Concen: 20.068 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

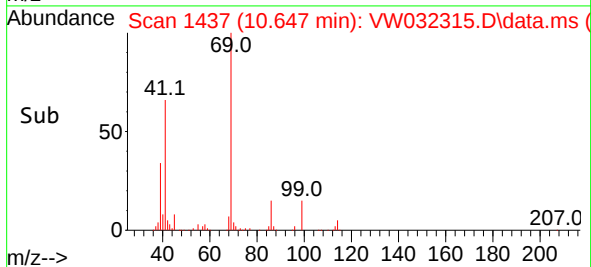
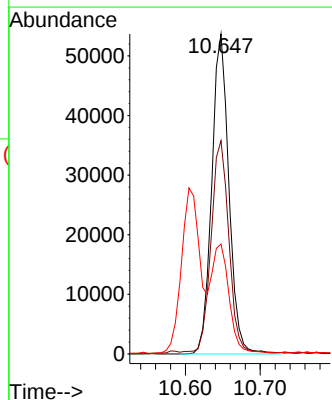
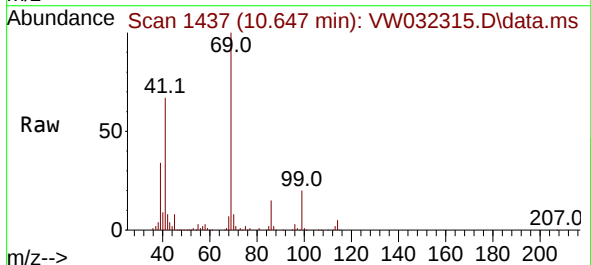
Instrument :
MSVOA_W
ClientSampleId :

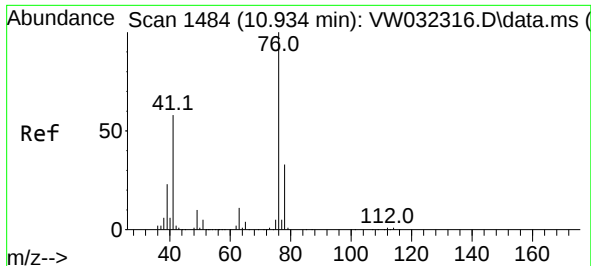
Tgt Ion:	97	Resp:	63272
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.0	106.6
85	52.8	42.8	64.2
99	62.8	51.0	76.6



#56
Ethyl methacrylate
Concen: 19.407 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:	69	Resp:	85643
Ion	Ratio	Lower	Upper
69	100		
41	68.9	53.2	79.8
39	33.7	32.9	49.3





#57

1,3-Dichloropropane

Concen: 20.283 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

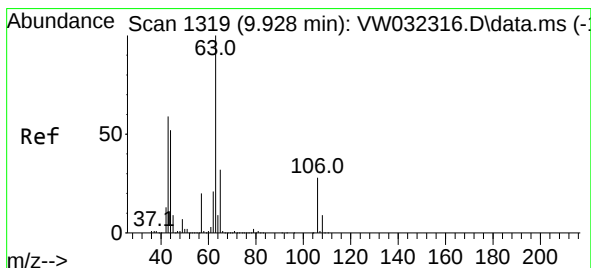
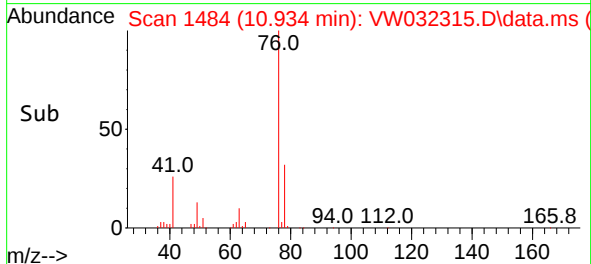
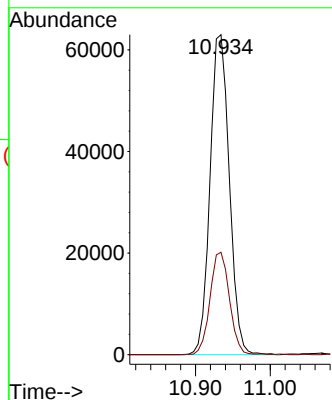
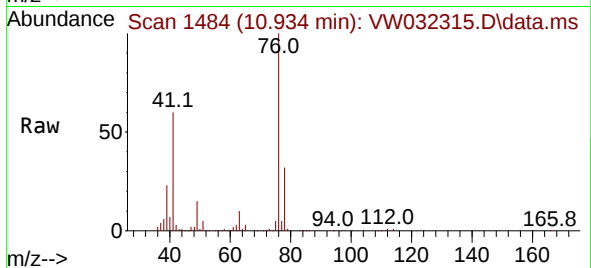
ClientSampleId :

Tgt Ion: 76 Resp: 112943

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.287 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032315.D

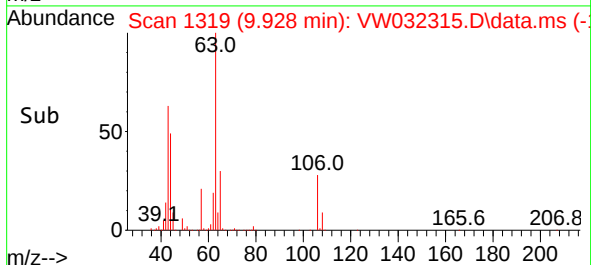
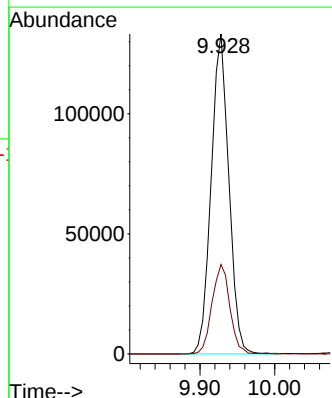
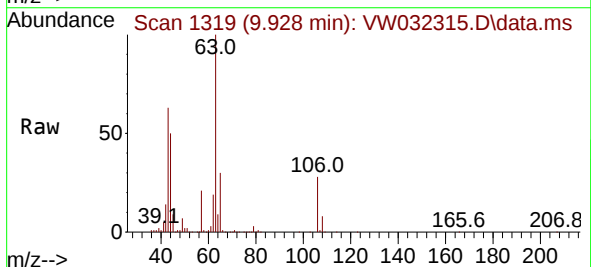
Acq: 01 Oct 2025 14:15

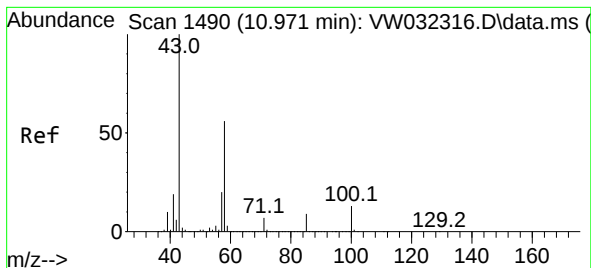
Tgt Ion: 63 Resp: 219091

Ion Ratio Lower Upper

63 100

106 28.2 24.3 36.5

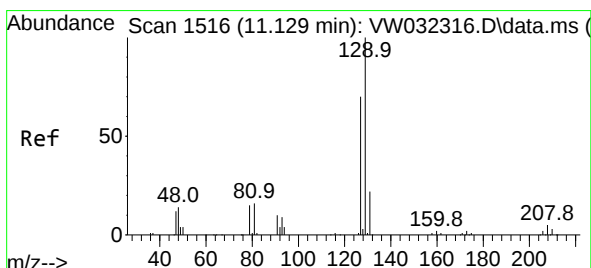
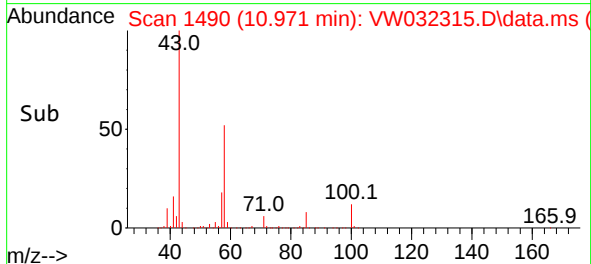
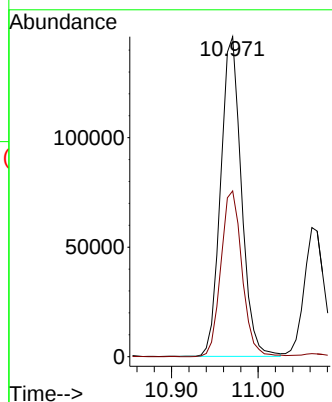
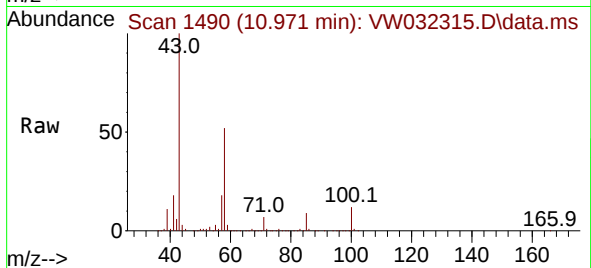




#59
2-Hexanone
Concen: 102.664 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

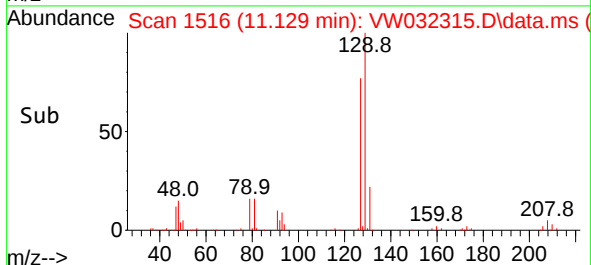
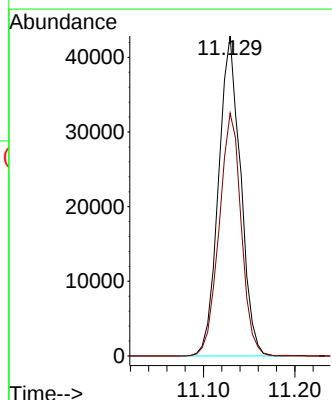
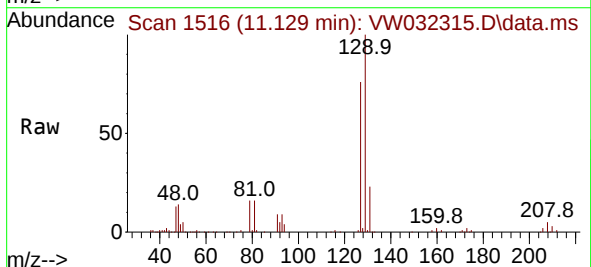
Instrument :
MSVOA_W
ClientSampleId :

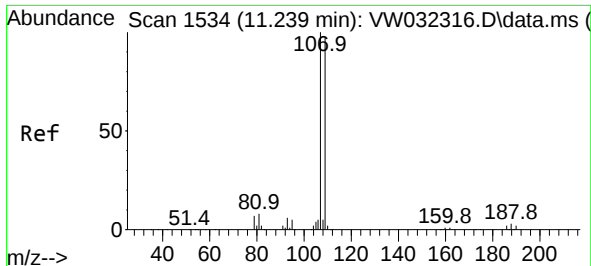
Tgt Ion: 43 Resp: 242814
Ion Ratio Lower Upper
43 100
58 53.0 27.5 82.4



#60
Dibromochloromethane
Concen: 20.051 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

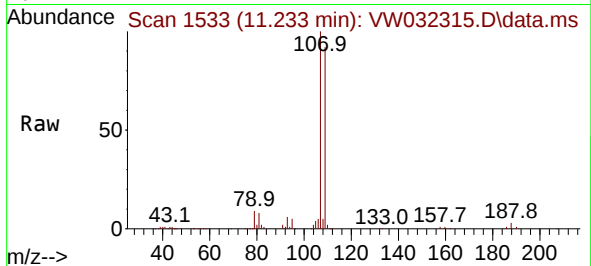
Tgt Ion:129 Resp: 71782
Ion Ratio Lower Upper
129 100
127 76.0 38.1 114.5



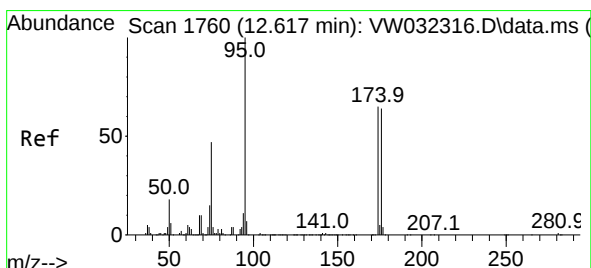
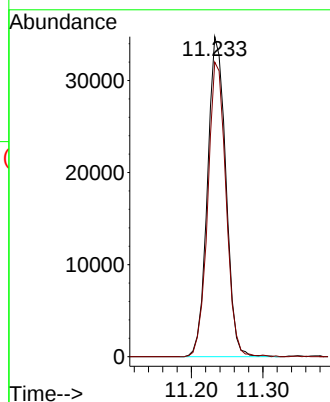
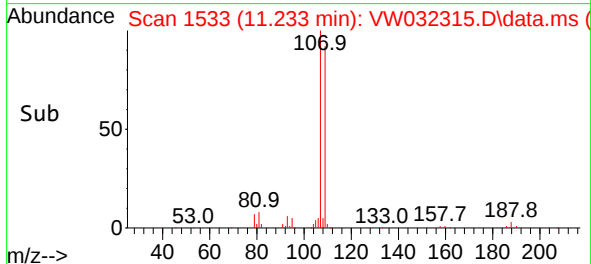


#61
1,2-Dibromoethane
Concen: 20.135 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

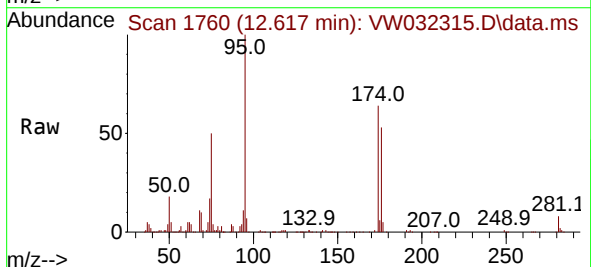
Instrument :
MSVOA_W
ClientSampleId :



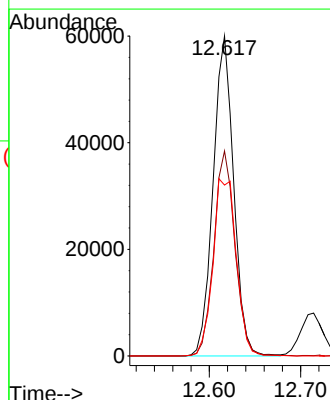
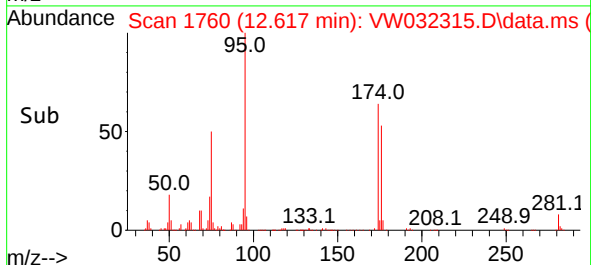
Tgt Ion:107 Resp: 61899
Ion Ratio Lower Upper
107 100
109 91.2 74.5 111.7

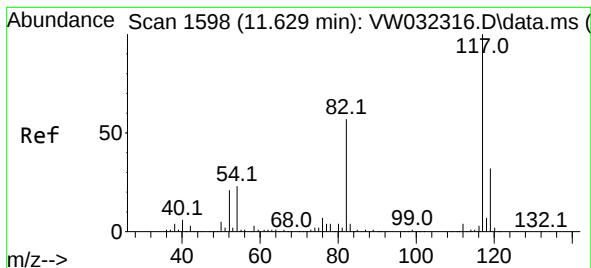


#62
4-Bromofluorobenzene
Concen: 19.305 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15



Tgt Ion: 95 Resp: 93567
Ion Ratio Lower Upper
95 100
174 65.8 0.0 145.6
176 63.4 0.0 140.8

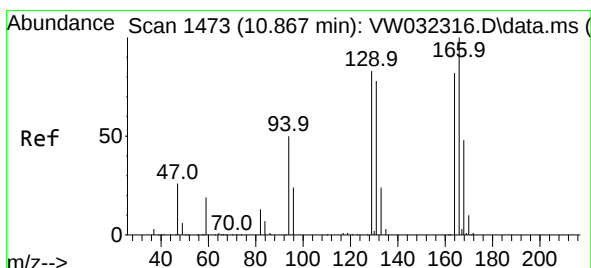
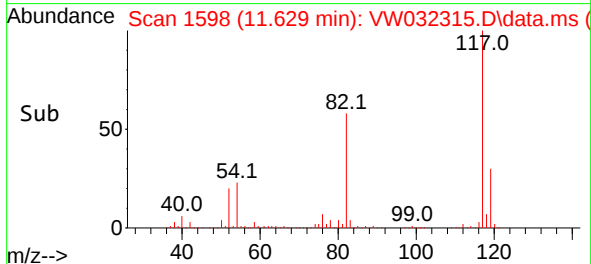
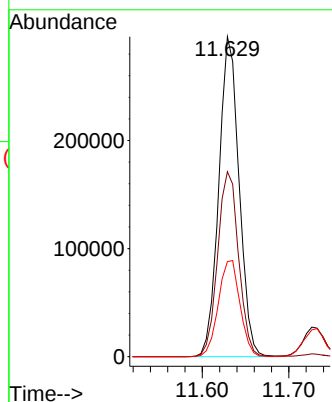
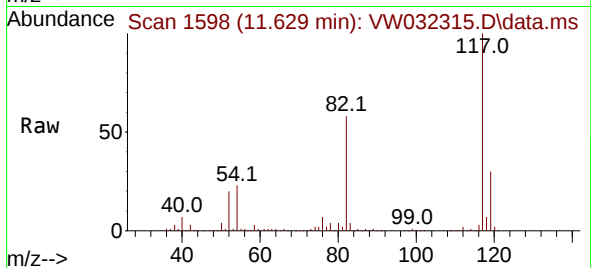




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

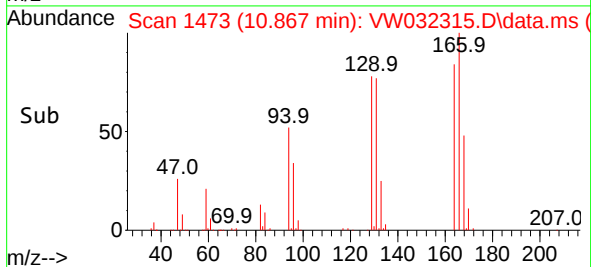
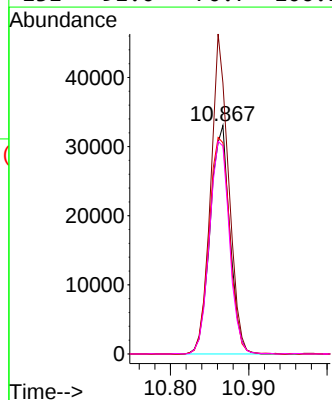
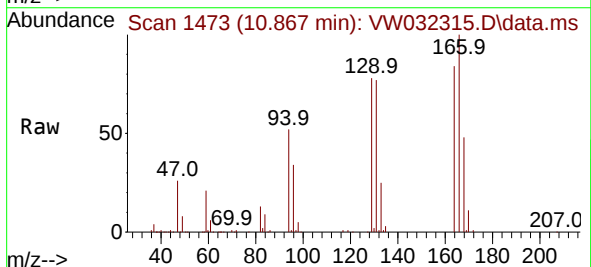
Instrument :
MSVOA_W
ClientSampleId :

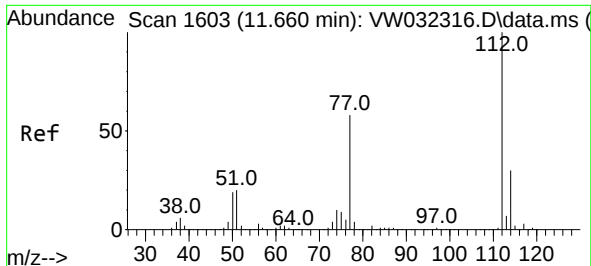
Tgt Ion:117 Resp: 481502
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 29.7 25.2 37.8



#64
Tetrachloroethene
Concen: 19.958 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:164 Resp: 57503
Ion Ratio Lower Upper
164 100
166 118.6 97.5 146.3
129 92.4 71.2 106.8
131 91.0 70.7 106.1

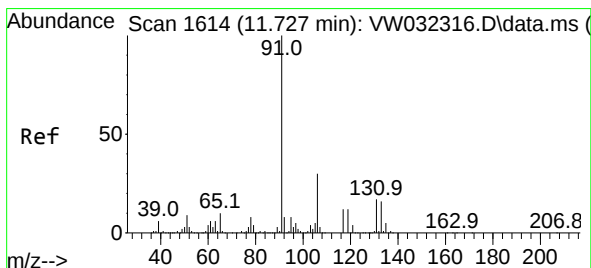
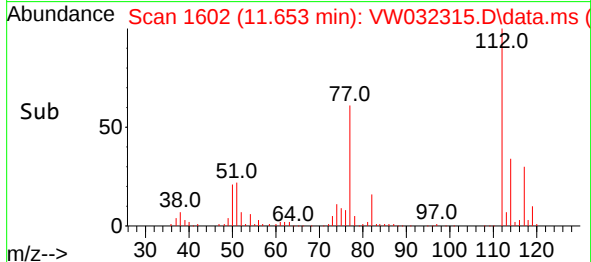
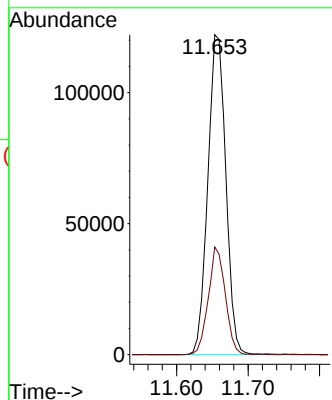
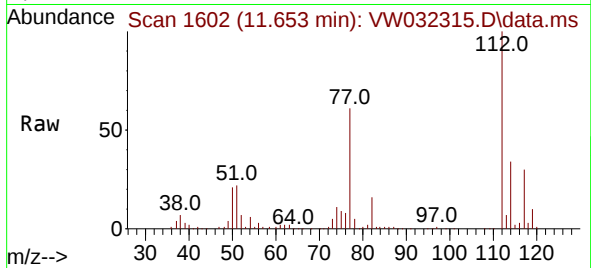




#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 11.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

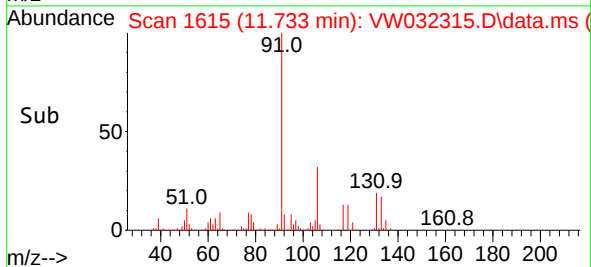
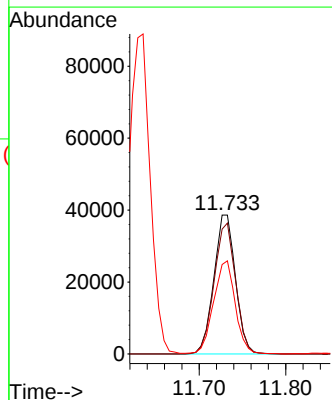
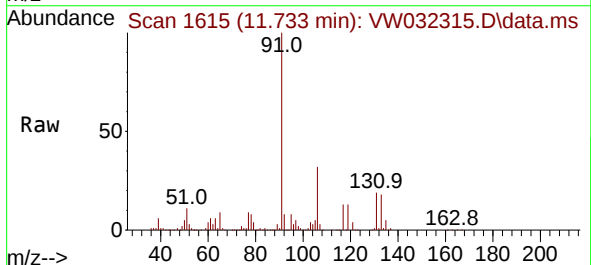
Instrument :
MSVOA_W
ClientSampleId :

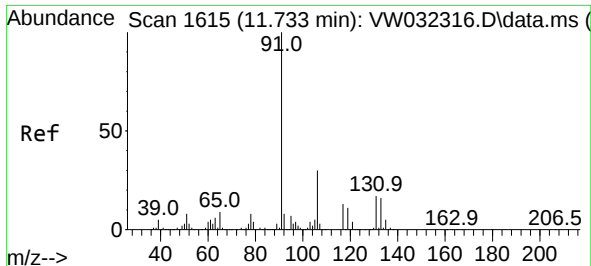
Tgt Ion:112 Resp: 213655
Ion Ratio Lower Upper
112 100
114 33.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.280 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:131 Resp: 66918
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 67.3 32.8 98.3

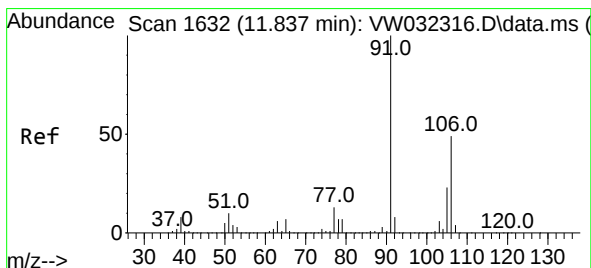
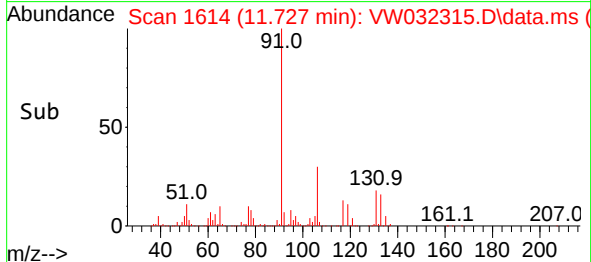
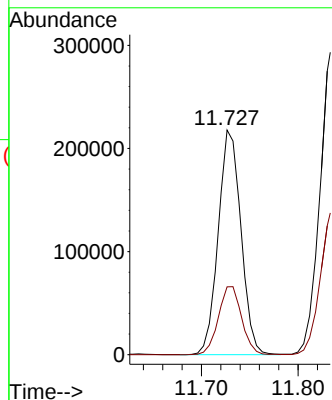
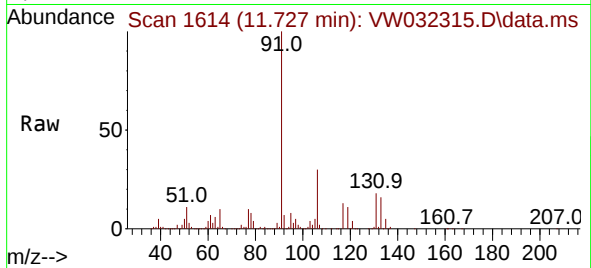




#67
Ethyl Benzene
Concen: 20.103 ug/l
RT: 11.727 min Scan# 1
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

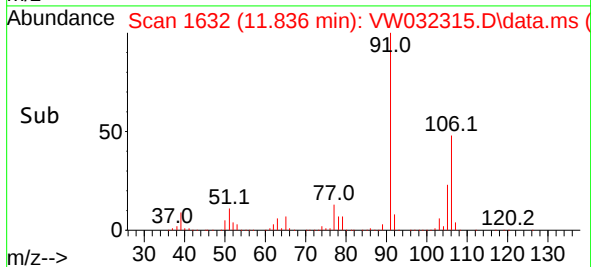
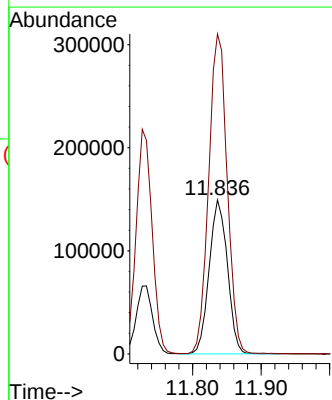
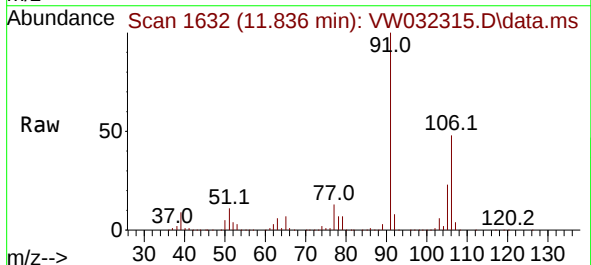
Instrument :
MSVOA_W
ClientSampleId :

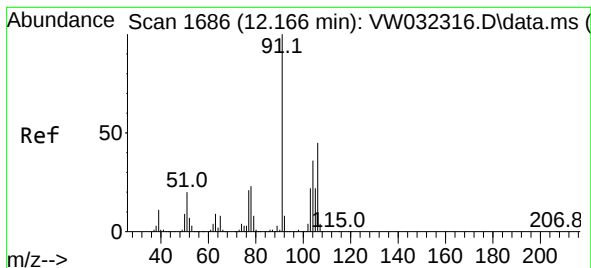
Tgt Ion: 91 Resp: 355003
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 40.461 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:106 Resp: 275521
Ion Ratio Lower Upper
106 100
91 210.9 164.2 246.2

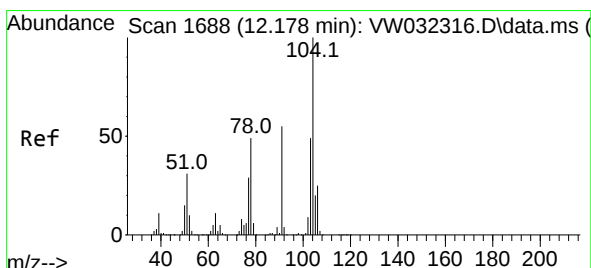
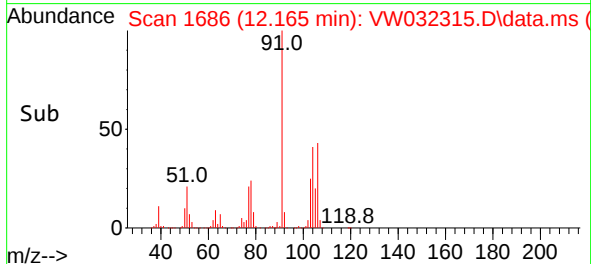
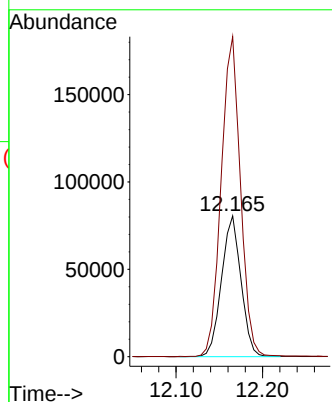
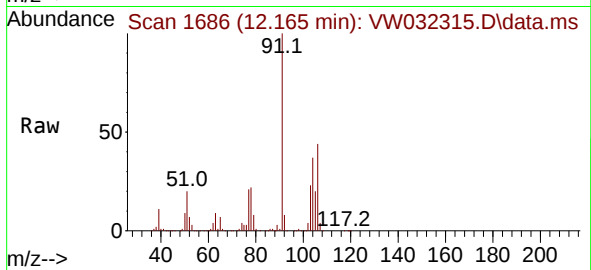




#69
o-Xylene
Concen: 19.762 ug/l
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

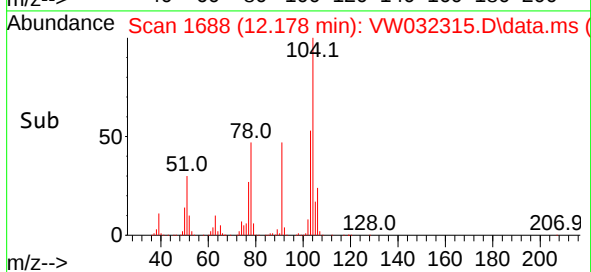
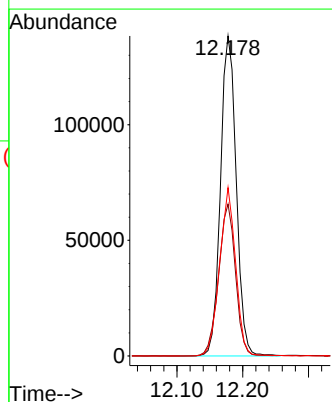
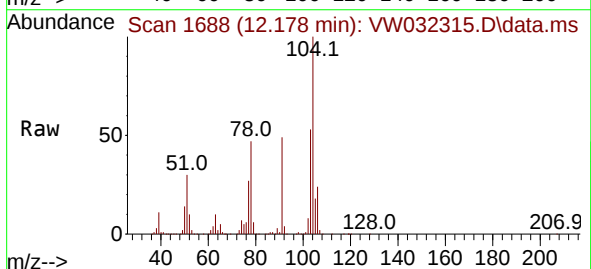
Instrument :
MSVOA_W
ClientSampleId :

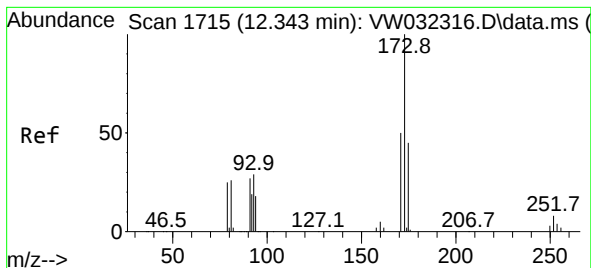
Tgt Ion:106 Resp: 125849
Ion Ratio Lower Upper
106 100
91 226.2 108.7 326.3



#70
Styrene
Concen: 20.776 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:104 Resp: 230999
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 53.5 44.8 67.2





#71

Bromoform

Concen: 19.593 ug/l

RT: 12.348 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

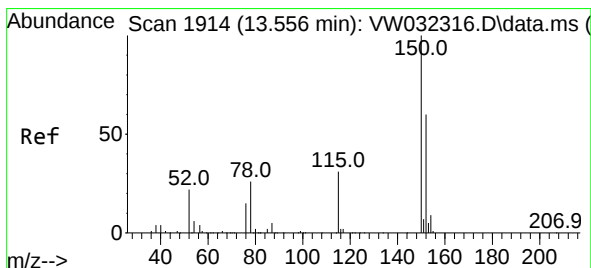
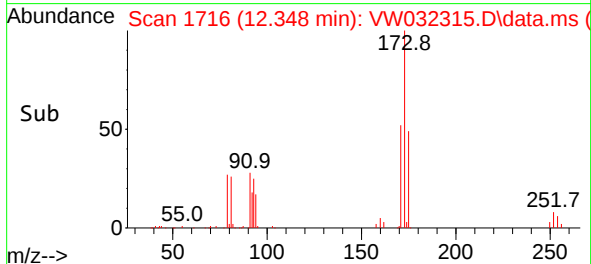
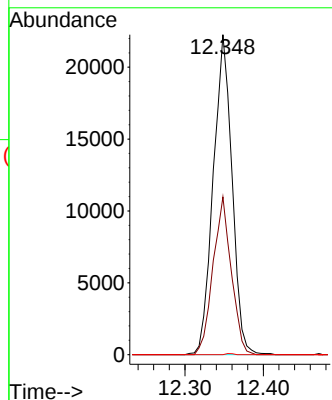
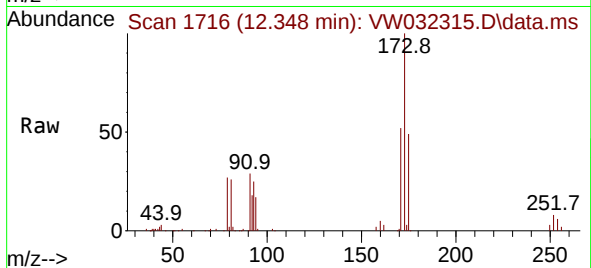
Tgt Ion:173 Resp: 37059

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

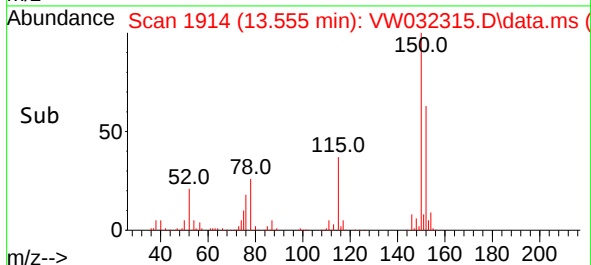
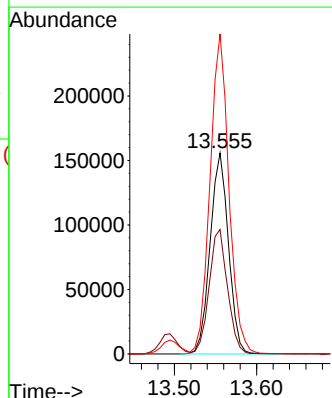
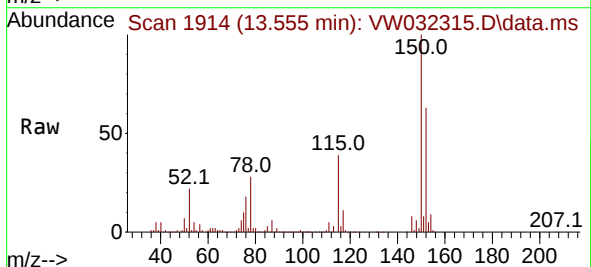
Tgt Ion:152 Resp: 241841

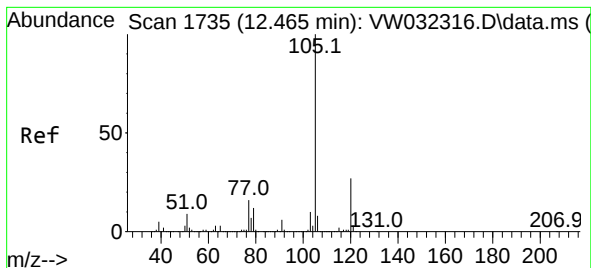
Ion Ratio Lower Upper

152 100

115 61.8 31.8 95.4

150 163.6 0.0 343.0





#73

Isopropylbenzene

Concen: 19.668 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

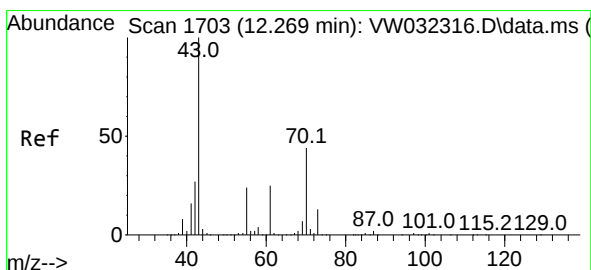
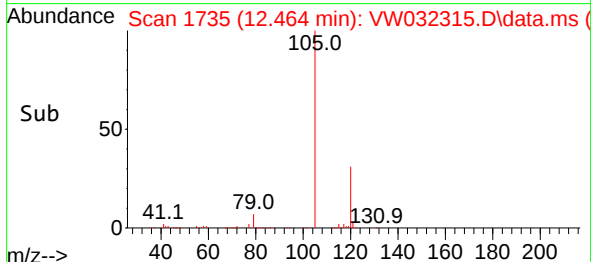
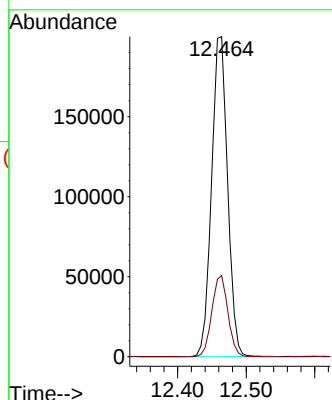
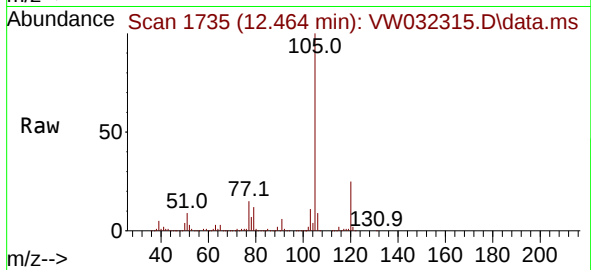
ClientSampleId :

Tgt Ion:105 Resp: 325413

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9



#74

N-ethyl acetate

Concen: 19.793 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Tgt Ion: 43 Resp: 104472

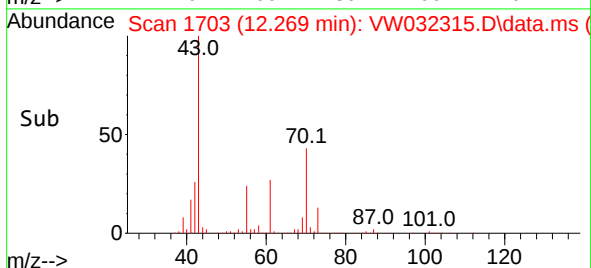
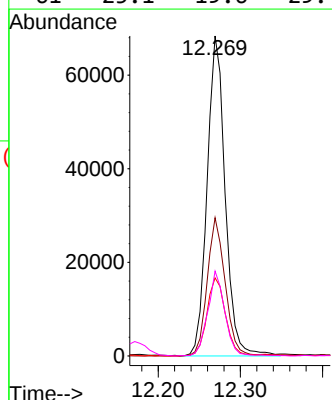
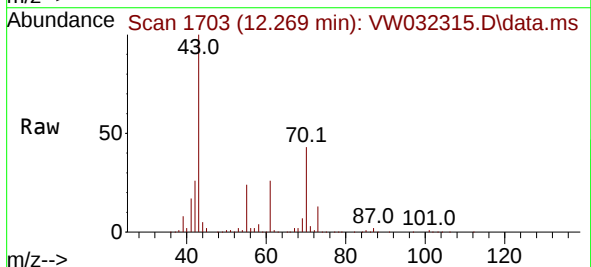
Ion Ratio Lower Upper

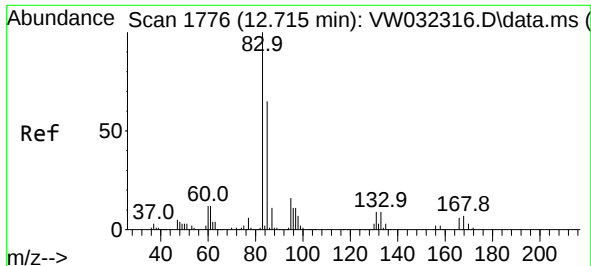
43 100

70 42.8 35.3 52.9

55 25.1 19.9 29.9

61 25.1 19.6 29.4

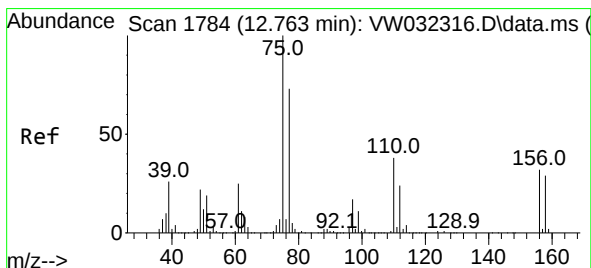
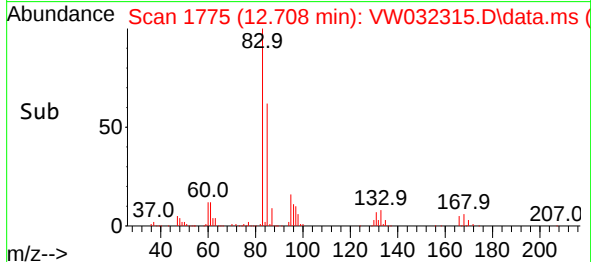
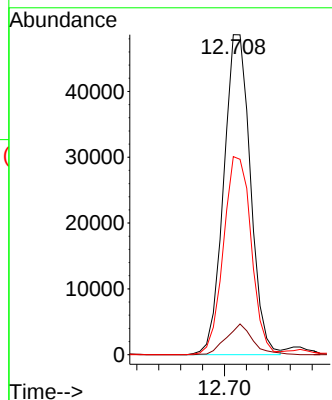
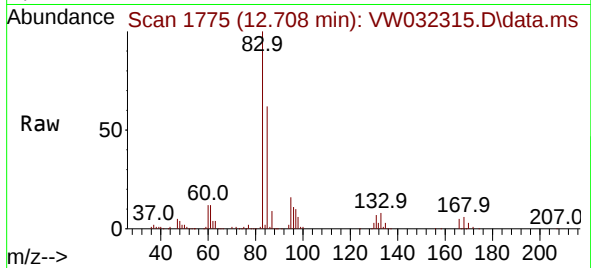




#75
1,1,2,2-Tetrachloroethane
Concen: 20.041 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

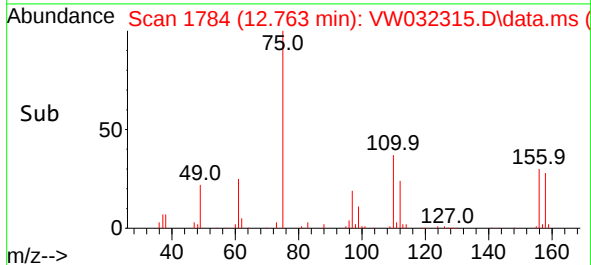
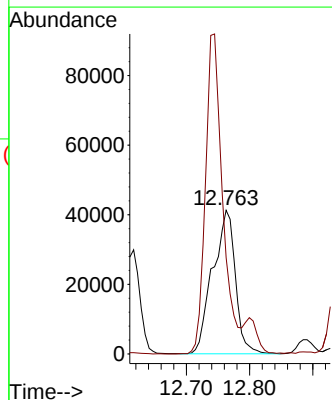
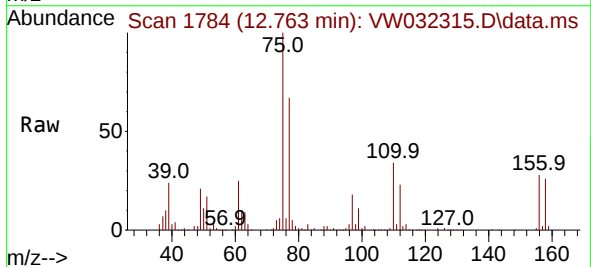
Instrument :
MSVOA_W
ClientSampleId :

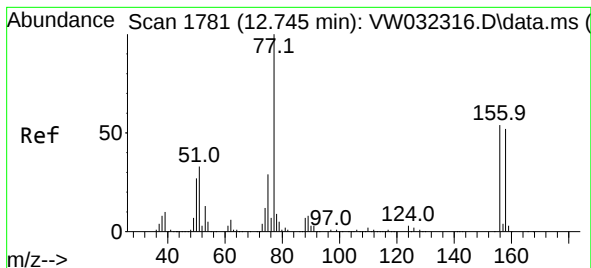
Tgt Ion: 83 Resp: 82334
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.136 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion: 75 Resp: 102556
Ion Ratio Lower Upper
75 100
77 170.3 141.7 425.1





#77

Bromobenzene

Concen: 19.575 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

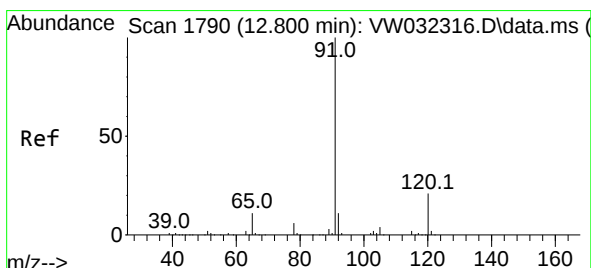
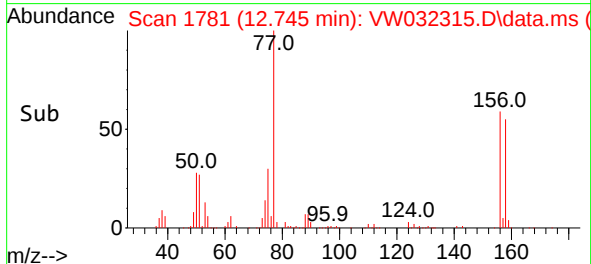
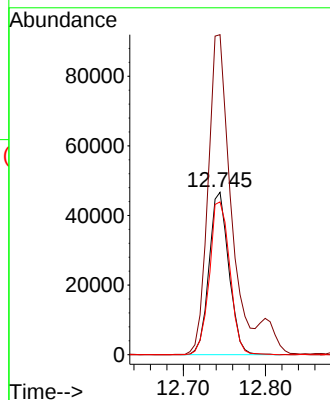
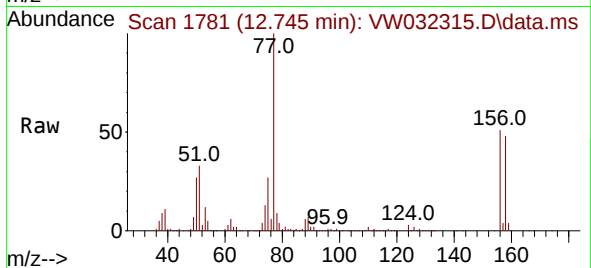
Tgt Ion:156 Resp: 78072

Ion Ratio Lower Upper

156 100

77 223.8 98.6 295.7

158 97.1 48.4 145.0



#78

n-propylbenzene

Concen: 20.057 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032315.D

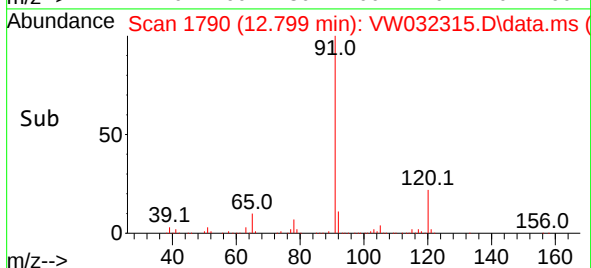
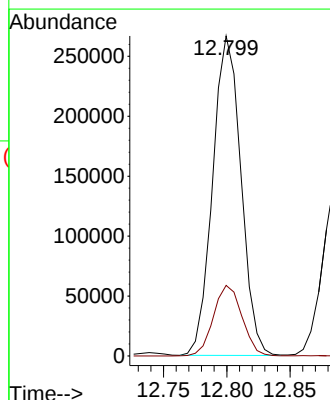
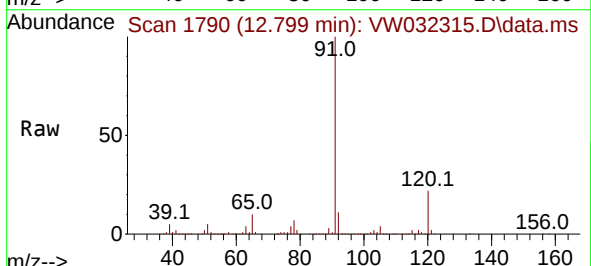
Acq: 01 Oct 2025 14:15

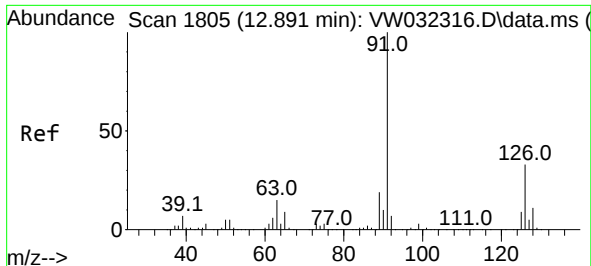
Tgt Ion: 91 Resp: 414530

Ion Ratio Lower Upper

91 100

120 22.3 11.8 35.4

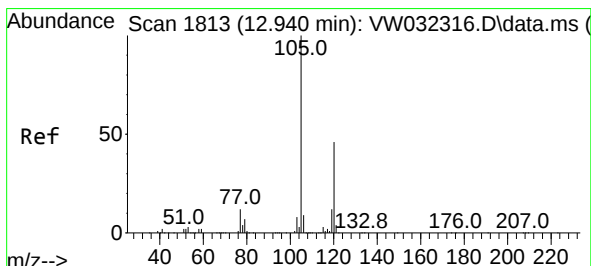
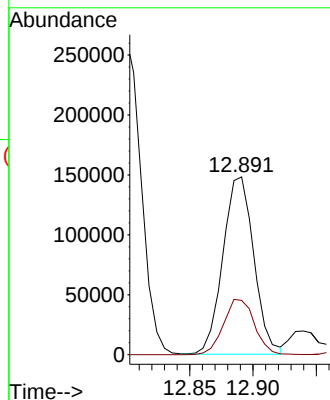
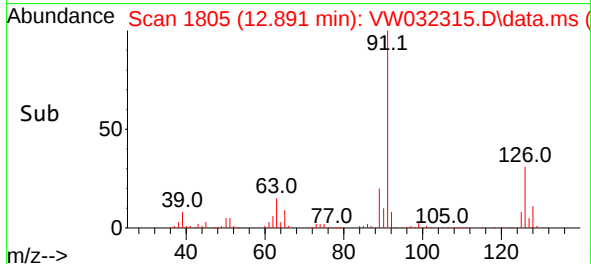
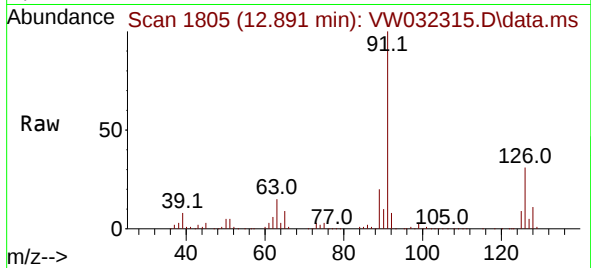




#79
2-Chlorotoluene
Concen: 19.933 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

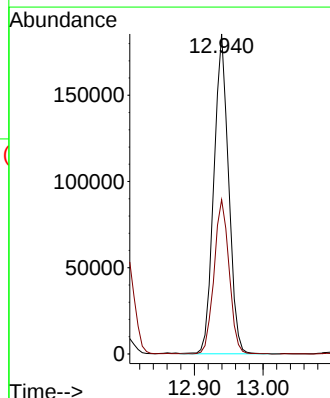
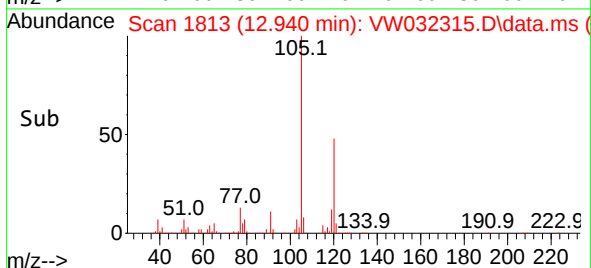
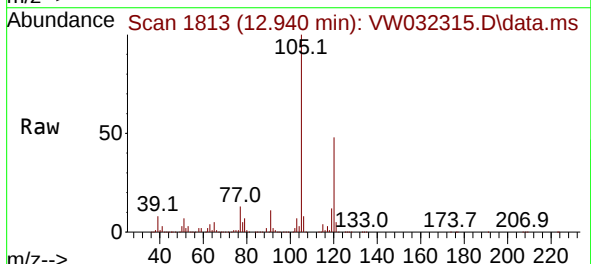
Instrument :
MSVOA_W
ClientSampleId :

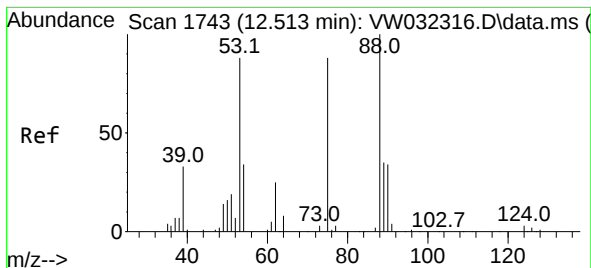
Tgt Ion: 91 Resp: 251889
Ion Ratio Lower Upper
91 100
126 31.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 19.307 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:105 Resp: 276218
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4

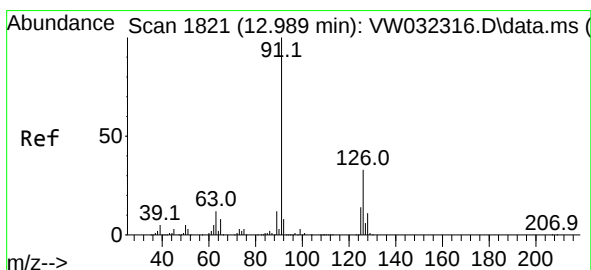
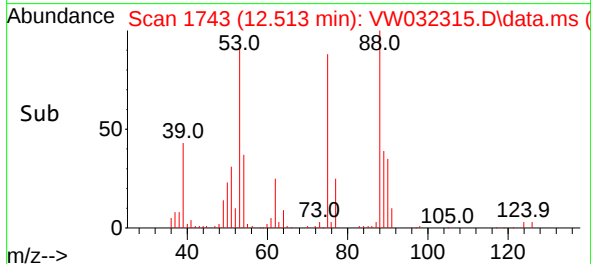
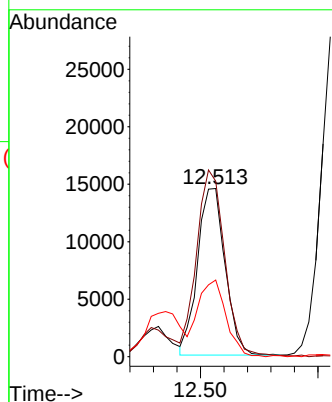
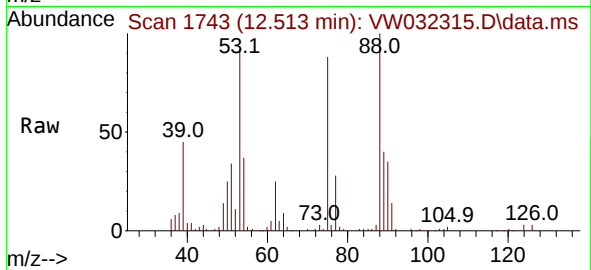




#81
trans-1,4-Dichloro-2-butene
Concen: 18.808 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

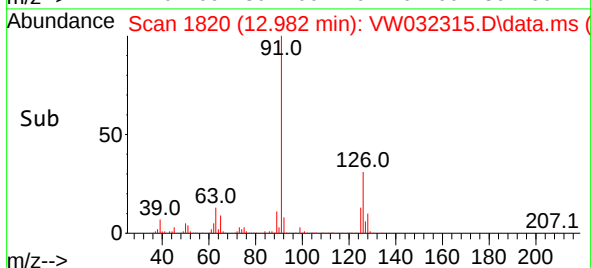
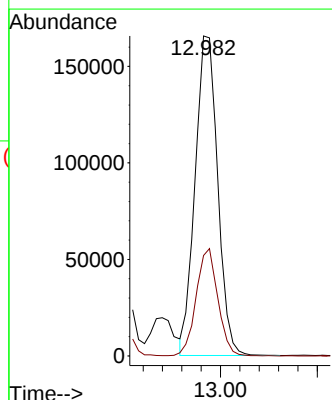
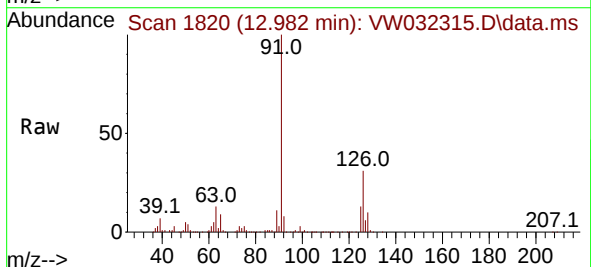
Instrument :
MSVOA_W
ClientSampleId :

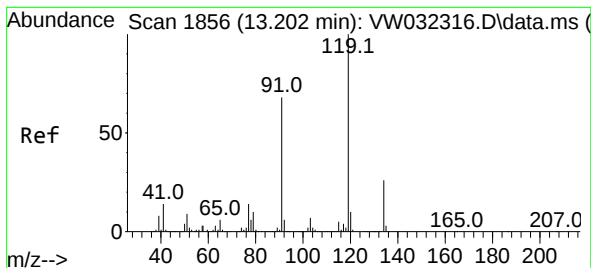
Tgt Ion: 75 Resp: 23628
Ion Ratio Lower Upper
75 100
53 115.4 91.0 136.6
89 46.7 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.002 ug/l
RT: 12.982 min Scan# 1820
Delta R.T. -0.007 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

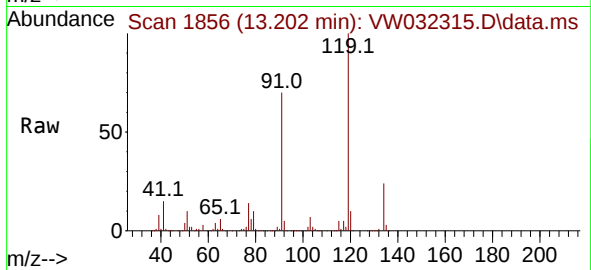
Tgt Ion: 91 Resp: 268736
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2



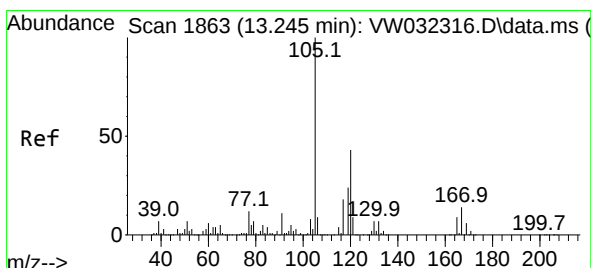
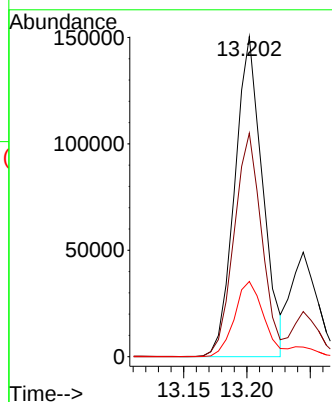
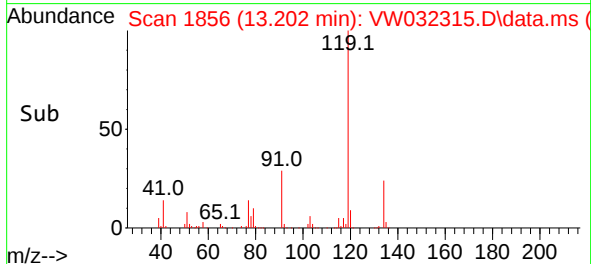


#83
tert-Butylbenzene
Concen: 19.685 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

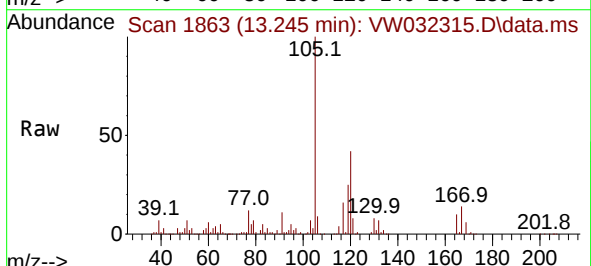
Instrument :
MSVOA_W
ClientSampleId :



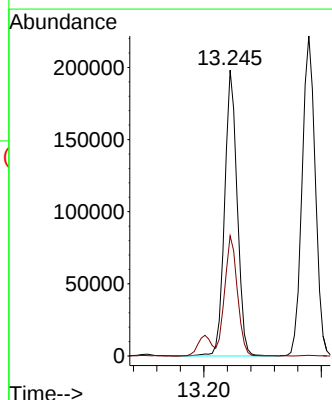
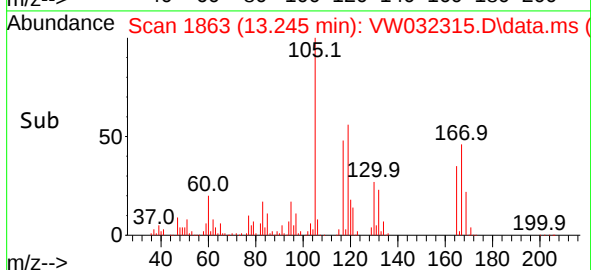
Tgt Ion:119 Resp: 231081
Ion Ratio Lower Upper
119 100
91 69.3 33.8 101.3
134 24.9 12.5 37.5

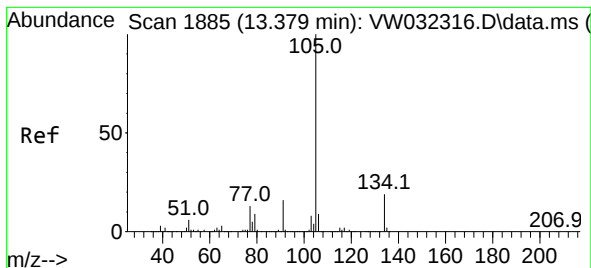


#84
1,2,4-Trimethylbenzene
Concen: 20.253 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15



Tgt Ion:105 Resp: 294630
Ion Ratio Lower Upper
105 100
120 42.3 22.1 66.3

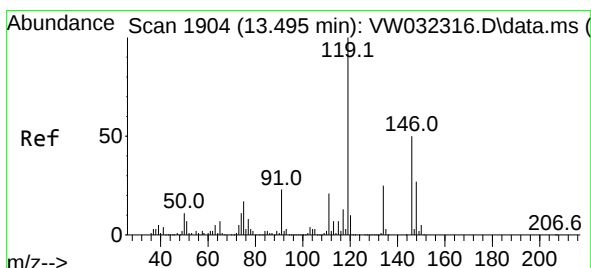
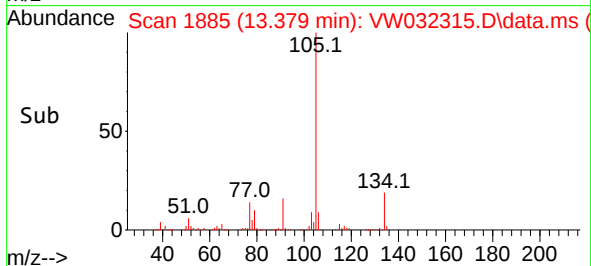
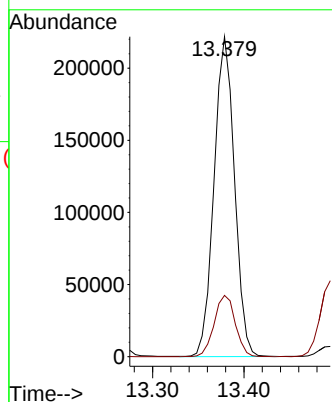
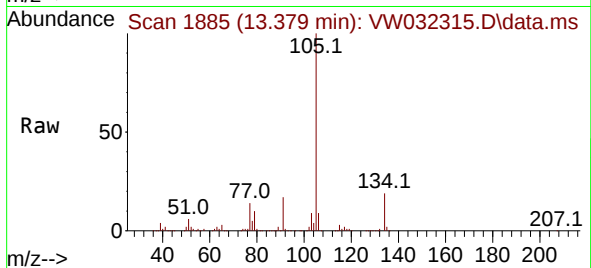




#85
 sec-Butylbenzene
 Concen: 19.209 ug/l
 RT: 13.379 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

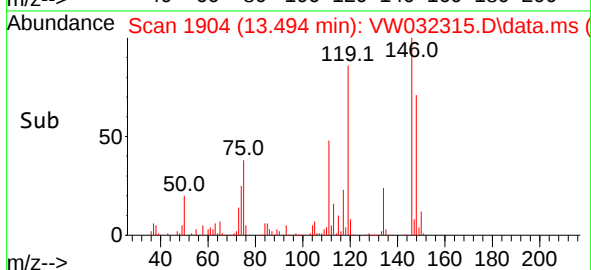
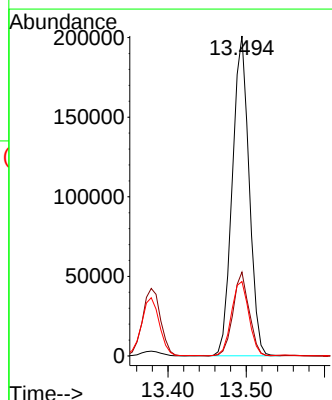
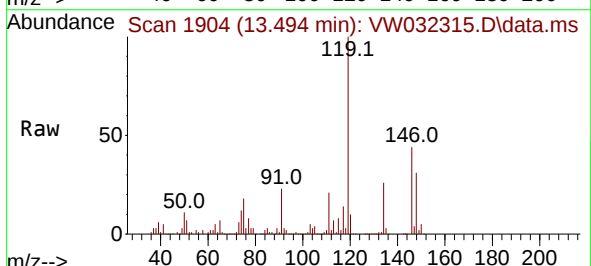
Instrument :
 MSVOA_W
 ClientSampleId :

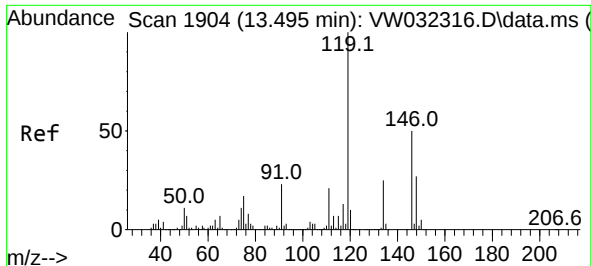
Tgt Ion:105 Resp: 344593
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.057 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032315.D
 Acq: 01 Oct 2025 14:15

Tgt Ion:119 Resp: 298543
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.6
 91 24.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 19.461 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

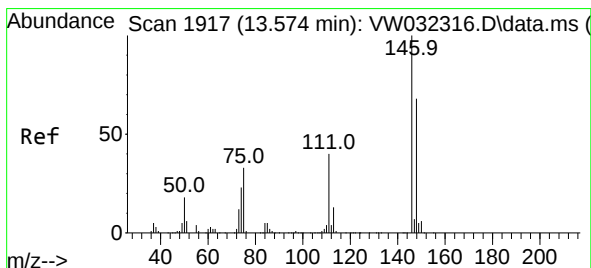
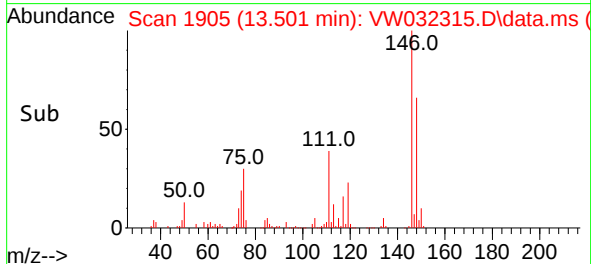
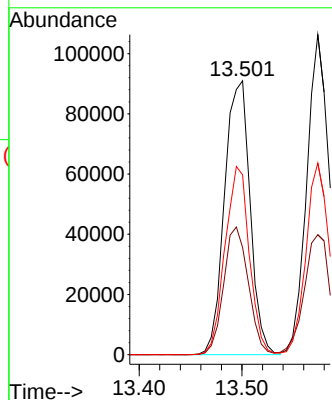
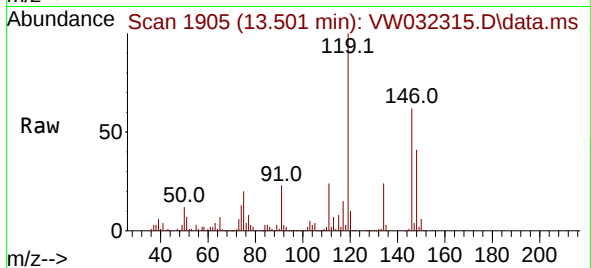
Tgt Ion:146 Resp: 157169

Ion Ratio Lower Upper

146 100

111 45.0 20.6 61.9

148 65.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.364 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

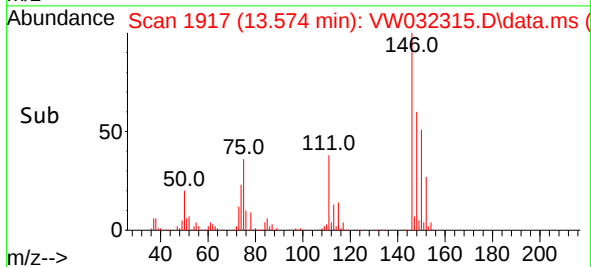
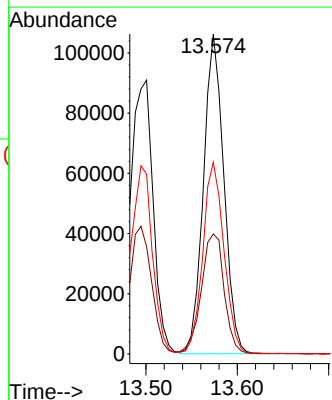
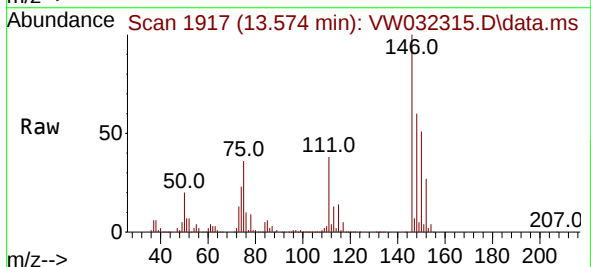
Tgt Ion:146 Resp: 164453

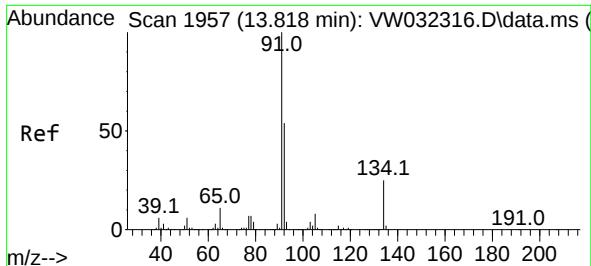
Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.7

148 62.2 33.4 100.1





#89

n-Butylbenzene

Concen: 19.585 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032315.D

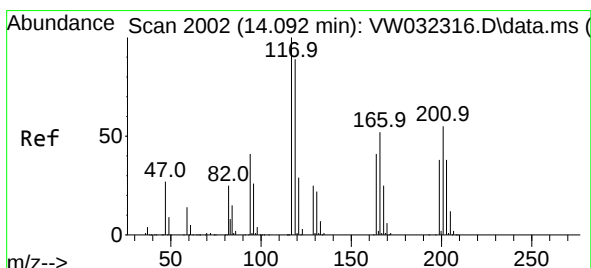
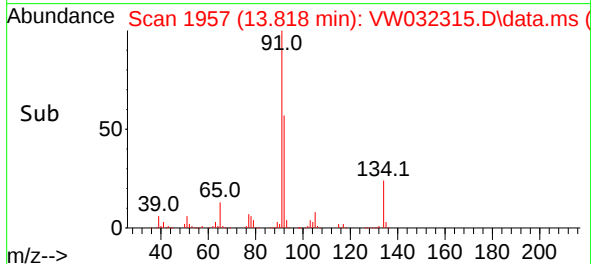
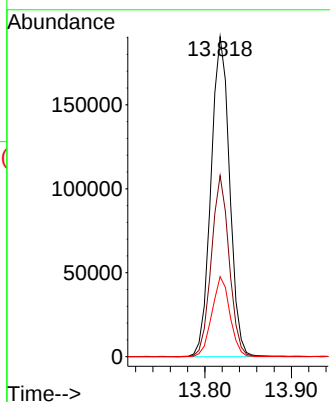
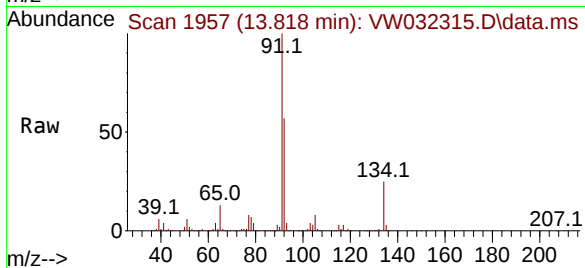
Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	284638
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.0	81.0
134	24.2	13.1	39.3



#90

Hexachloroethane

Concen: 18.779 ug/l

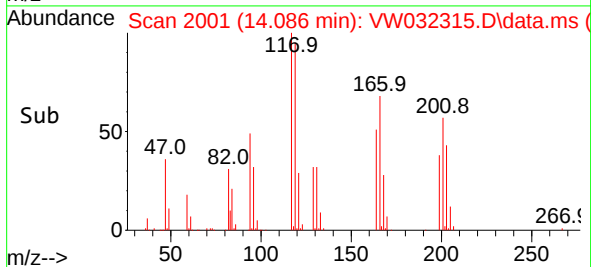
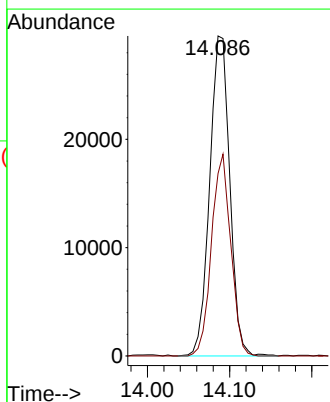
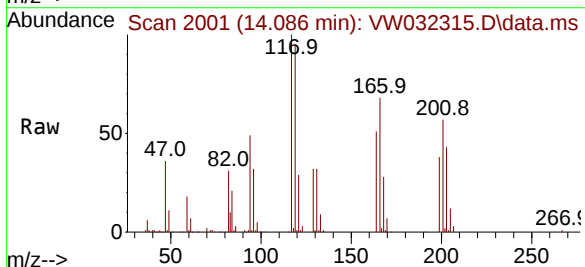
RT: 14.086 min Scan# 2001

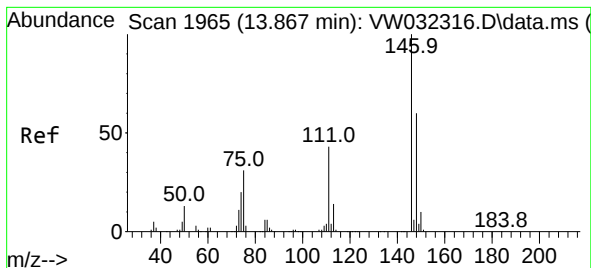
Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Tgt Ion:	117	Resp:	50102
Ion	Ratio	Lower	Upper
117	100		
201	60.5	32.8	98.4





#91

1,2-Dichlorobenzene

Concen: 20.636 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

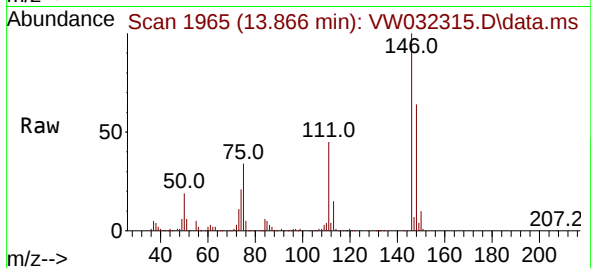
Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :



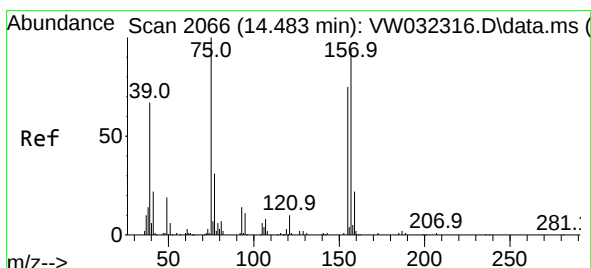
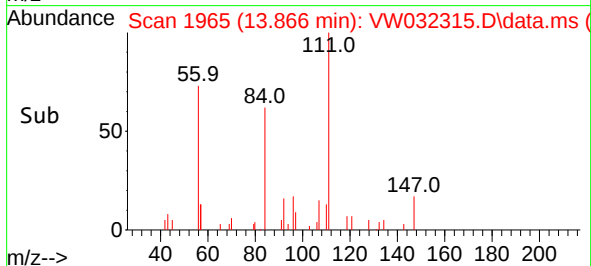
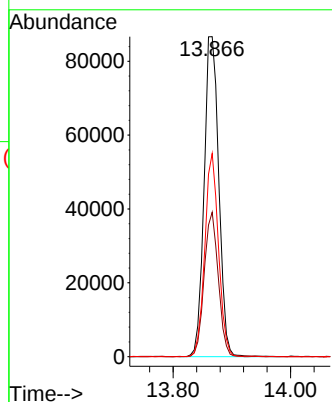
Tgt Ion:146 Resp: 150657

Ion Ratio Lower Upper

146 100

111 43.4 23.4 70.0

148 59.1 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.123 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

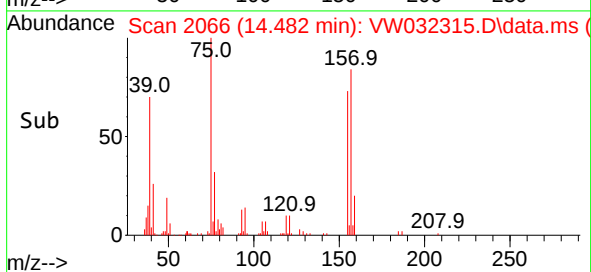
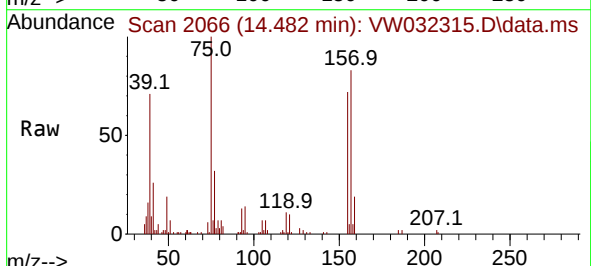
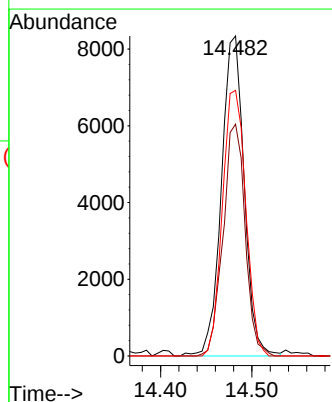
Tgt Ion: 75 Resp: 14474

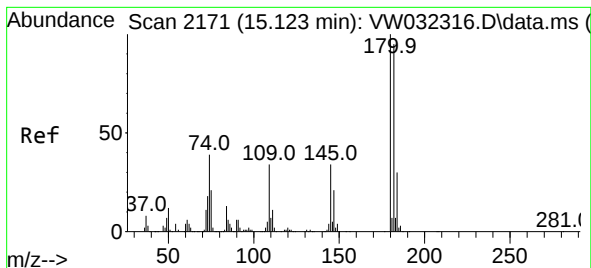
Ion Ratio Lower Upper

75 100

155 70.0 40.8 122.5

157 84.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 19.115 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

Instrument :

MSVOA_W

ClientSampleId :

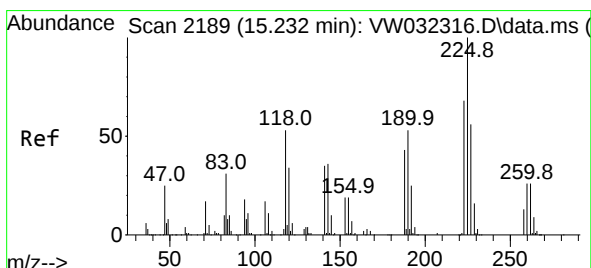
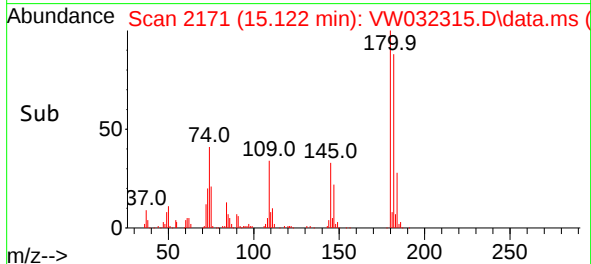
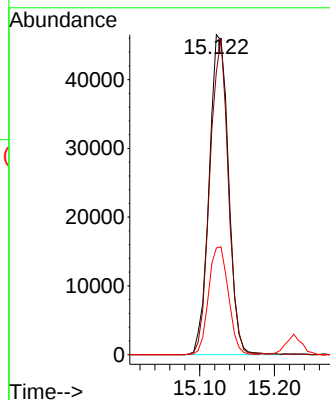
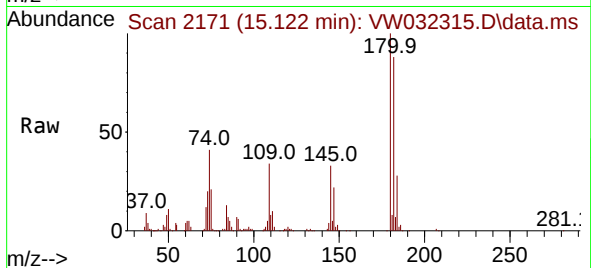
Tgt Ion:180 Resp: 83681

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.2

145 34.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.340 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032315.D

Acq: 01 Oct 2025 14:15

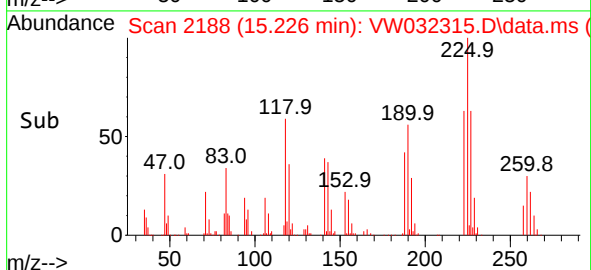
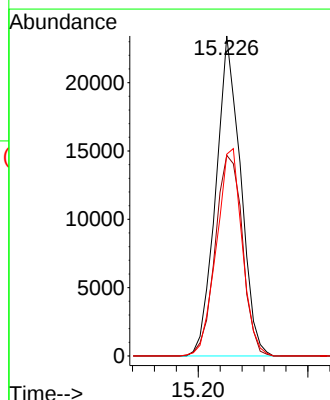
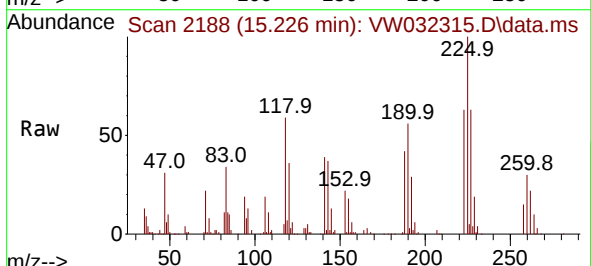
Tgt Ion:225 Resp: 36708

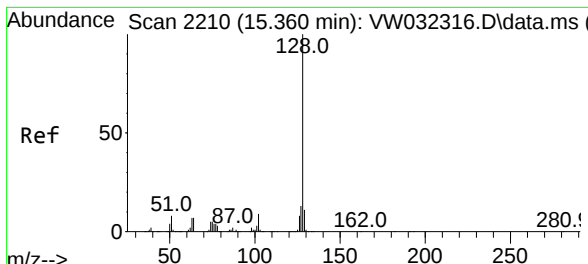
Ion Ratio Lower Upper

225 100

223 68.8 29.8 89.3

227 67.5 30.5 91.5



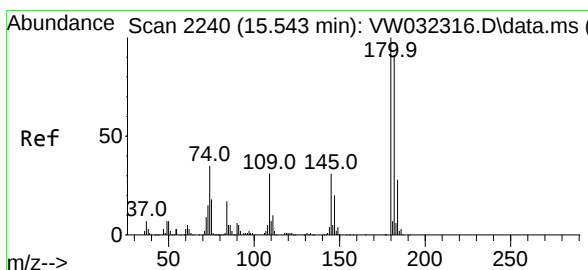
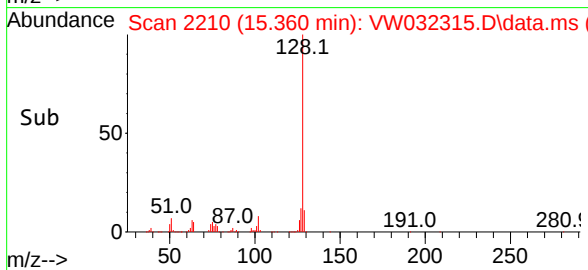
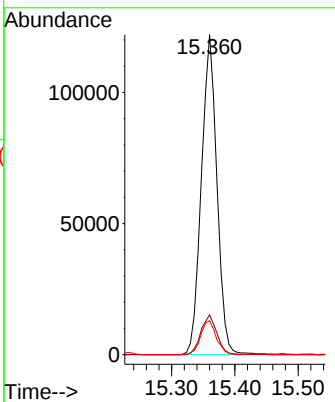
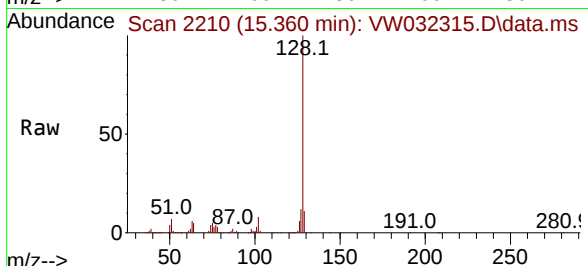


#95
Naphthalene
Concen: 19.889 ug/l
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 209101

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.664 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032315.D
Acq: 01 Oct 2025 14:15

Tgt Ion:180 Resp: 81141

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	34.8	17.2	51.6

