

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031815.D
 Acq On : 10 Jul 2025 19:59
 Operator : SY/MD
 Sample : VTSDCCC050
 Misc : 5.33g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VTSDCCC050EC

Quant Time: Jul 11 02:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	205369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	390811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	355014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.562	152	165102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161614	54.835	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 109.680%	
35) Dibromofluoromethane	7.904	113	129906	50.939	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 101.880%	
50) Toluene-d8	10.330	98	487382	51.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.617	95	183915	52.661	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.051	85	55661	39.797	ug/l	97
3) Chloromethane	2.259	50	80628	47.816	ug/l	99
4) Vinyl Chloride	2.411	62	110571	49.890	ug/l	97
5) Bromomethane	2.832	94	83568	48.274	ug/l	97
6) Chloroethane	2.978	64	75735	50.307	ug/l	93
7) Trichlorofluoromethane	3.307	101	95064	47.230	ug/l	98
8) Diethyl Ether	3.728	74	83406	54.533	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	104453	46.754	ug/l	99
10) Methyl Iodide	4.307	142	175224	50.876	ug/l	99
11) Tert butyl alcohol	5.234	59	47503	260.158	ug/l	96
12) 1,1-Dichloroethene	4.088	96	122342	49.995	ug/l	97
13) Acrolein	3.941	56	40631	123.808	ug/l	98
14) Allyl chloride	4.709	41	200427	53.382	ug/l	98
15) Acrylonitrile	5.411	53	204754	272.235	ug/l	99
16) Acetone	4.167	43	173623	238.337	ug/l	98
17) Carbon Disulfide	4.429	76	311128	47.513	ug/l	97
18) Methyl Acetate	4.716	43	128556	61.747	ug/l	97
19) Methyl tert-butyl Ether	5.465	73	240502	57.904	ug/l	97
20) Methylene Chloride	4.959	84	194722	69.515	ug/l	95
21) trans-1,2-Dichloroethene	5.465	96	139455	53.633	ug/l	92
22) Diisopropyl ether	6.349	45	441696	60.319	ug/l	97
23) Vinyl Acetate	6.288	43	1395702	279.048	ug/l	99
24) 1,1-Dichloroethane	6.252	63	265504	55.926	ug/l	99
25) 2-Butanone	7.197	43	267190	281.927	ug/l	99
26) 2,2-Dichloropropane	7.191	77	130360	47.063	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	168047	56.224	ug/l	99
28) Bromochloromethane	7.532	49	118177	56.409	ug/l	98
29) Tetrahydrofuran	7.556	42	184175	283.770	ug/l	99
30) Chloroform	7.697	83	280995	55.703	ug/l	96
31) Cyclohexane	7.971	56	195744	46.645	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	200972	51.696	ug/l	100
36) 1,1-Dichloropropene	8.099	75	184153	49.902	ug/l	99
37) Ethyl Acetate	7.276	43	122459	52.605	ug/l	99
38) Carbon Tetrachloride	8.087	117	176925	47.048	ug/l	92
39) Methylcyclohexane	9.343	83	216833	47.227	ug/l	98
40) Benzene	8.337	78	584651	53.549	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	70876	56.835	ug/l	98
42) 1,2-Dichloroethane	8.416	62	198163	53.716	ug/l	99
43) Isopropyl Acetate	8.440	43	219909	54.802	ug/l	100
44) Trichloroethene	9.105	130	137128	50.321	ug/l	98
45) 1,2-Dichloropropane	9.379	63	144992	54.947	ug/l	96
46) Dibromomethane	9.471	93	93246	54.735	ug/l	95
47) Bromodichloromethane	9.654	83	219851	55.033	ug/l	98
48) Methyl methacrylate	9.446	41	108127	54.800	ug/l	98
49) 1,4-Dioxane	9.471	88	22291	1117.198	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	638615	276.816	ug/l	100
52) Toluene	10.391	92	376463	53.854	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	204801	54.640	ug/l	99
54) cis-1,3-Dichloropropene	10.080	75	228077	53.676	ug/l	99
55) 1,1,2-Trichloroethane	10.794	97	122974	55.107	ug/l	99
56) Ethyl methacrylate	10.647	69	176460	58.286	ug/l	98
57) 1,3-Dichloropropane	10.934	76	217505	55.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	477447	286.397	ug/l	96
59) 2-Hexanone	10.970	43	446782	285.791	ug/l	100
60) Dibromochloromethane	11.129	129	146364	54.848	ug/l	99
61) 1,2-Dibromoethane	11.239	107	120786	54.067	ug/l	99
64) Tetrachloroethene	10.867	164	117464	50.583	ug/l	96
65) Chlorobenzene	11.659	112	417550	53.308	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	131747	52.782	ug/l	98
67) Ethyl Benzene	11.733	91	717465	52.823	ug/l	97
68) m/p-Xylenes	11.836	106	545152	104.409	ug/l	98
69) o-Xylene	12.165	106	259232	53.623	ug/l	99
70) Styrene	12.184	104	459126	54.936	ug/l	100
71) Bromoform	12.348	173	80682	54.184	ug/l #	97
73) Isopropylbenzene	12.464	105	669362	53.299	ug/l	100
74) N-amyl acetate	12.269	43	194037	57.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	153463	55.042	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	195824	91.782	ug/l #	1
77) Bromobenzene	12.745	156	151240	53.995	ug/l	90
78) n-propylbenzene	12.799	91	811703	53.975	ug/l	98
79) 2-Chlorotoluene	12.891	91	490300	54.142	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	572236	55.047	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	46207	50.443	ug/l	96
82) 4-Chlorotoluene	12.988	91	515714	54.242	ug/l	98
83) tert-Butylbenzene	13.202	119	474982	53.341	ug/l	100
84) 1,2,4-Trimethylbenzene	13.251	105	581572	55.216	ug/l	99
85) sec-Butylbenzene	13.379	105	703235	52.616	ug/l	100
86) p-Isopropyltoluene	13.494	119	578110	52.484	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	296325	52.753	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	284279	49.444	ug/l	96
89) n-Butylbenzene	13.818	91	562229	52.534	ug/l	100
90) Hexachloroethane	14.092	117	102713	51.687	ug/l	97
91) 1,2-Dichlorobenzene	13.866	146	271199	52.823	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	27823	51.108	ug/l	97
93) 1,2,4-Trichlorobenzene	15.128	180	173286	54.728	ug/l	96
94) Hexachlorobutadiene	15.226	225	70972	46.419	ug/l	96
95) Naphthalene	15.360	128	442766	57.038	ug/l	99
96) 1,2,3-Trichlorobenzene	15.555	180	148972	51.204	ug/l	96

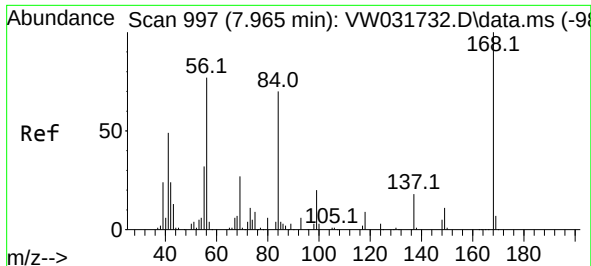
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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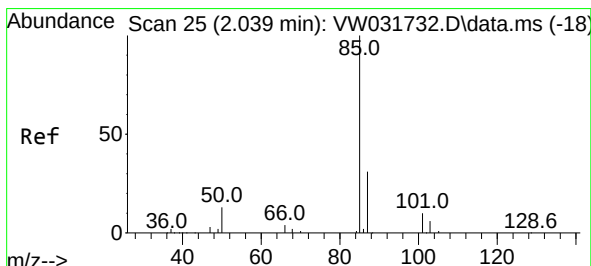
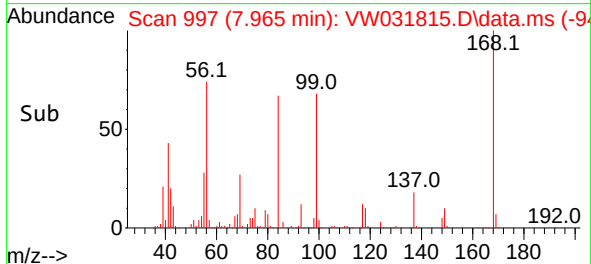
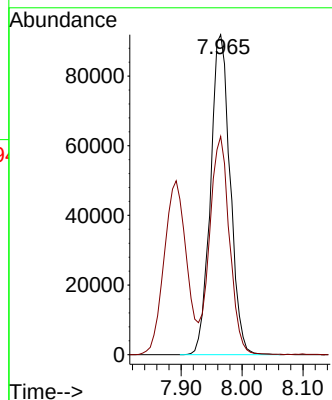
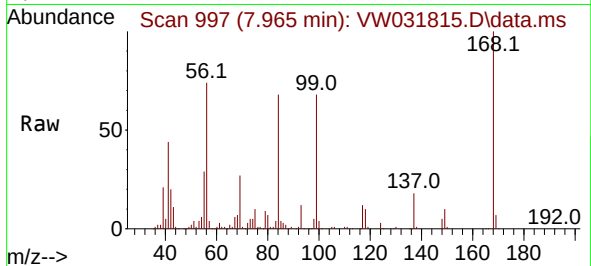
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.000 min
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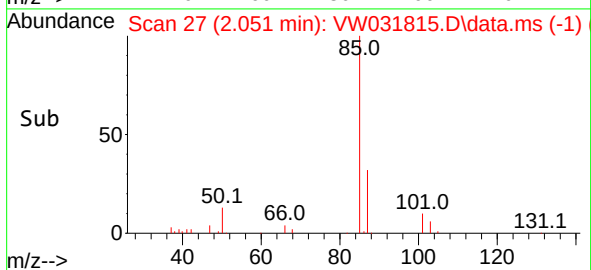
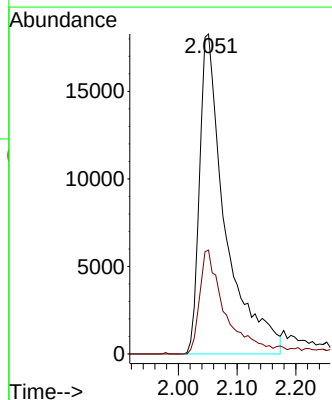
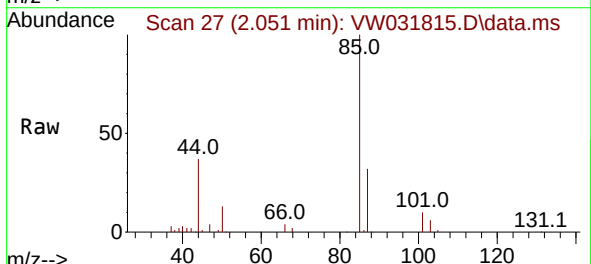
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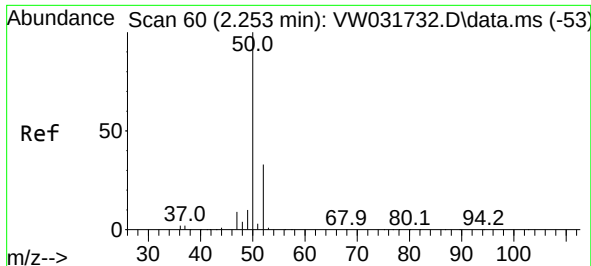
Tgt Ion:168 Resp: 205369
Ion Ratio Lower Upper
168 100
99 68.1 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 39.797 ug/l
RT: 2.051 min Scan# 27
Delta R.T. 0.012 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 85 Resp: 55661
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.2

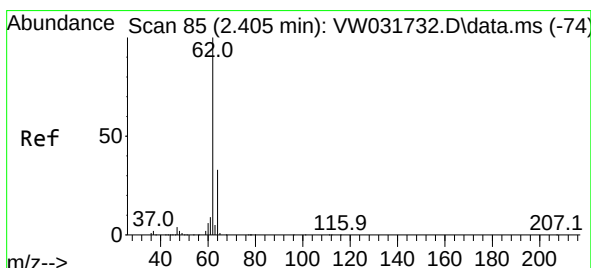
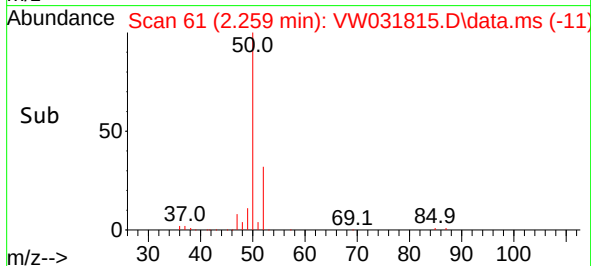
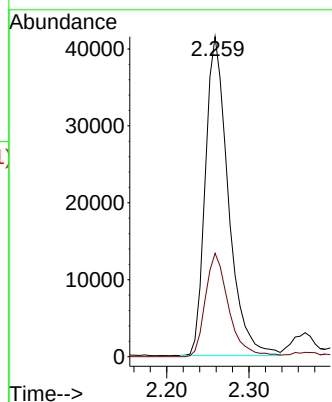
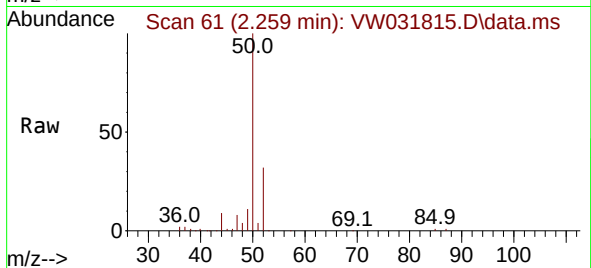




#3
Chloromethane
Concen: 47.816 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

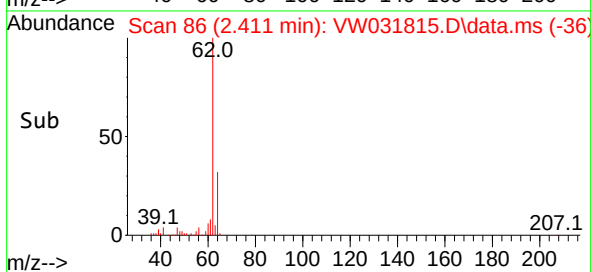
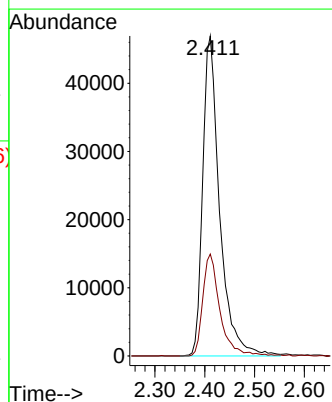
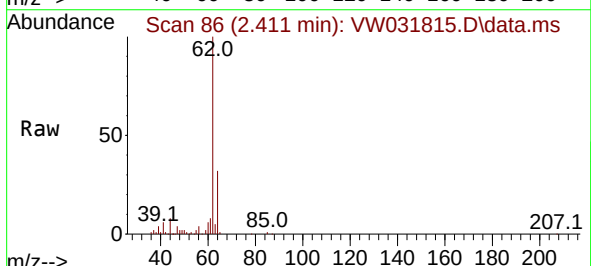
Instrument :
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ClientSampleId :
VSTDCCC050EC

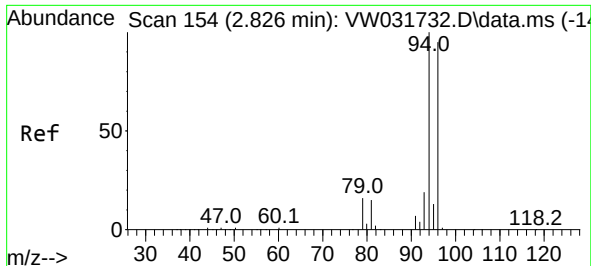
Tgt Ion: 50 Resp: 80628
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2



#4
Vinyl Chloride
Concen: 49.890 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 62 Resp: 110571
Ion Ratio Lower Upper
62 100
64 31.8 26.8 40.2

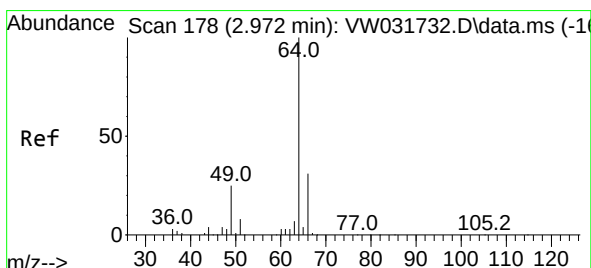
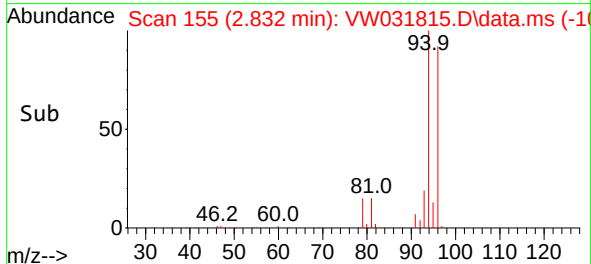
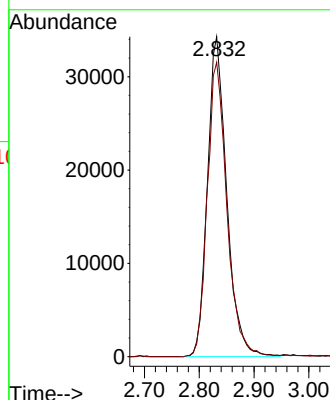
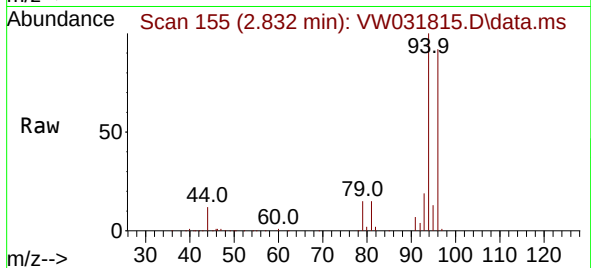




#5
Bromomethane
Concen: 48.274 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

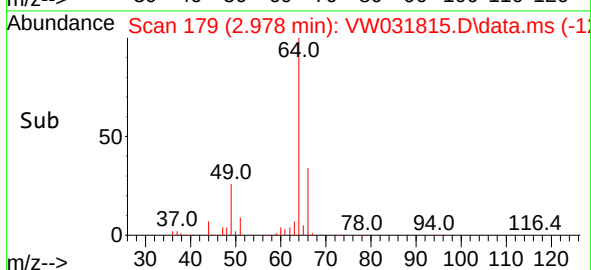
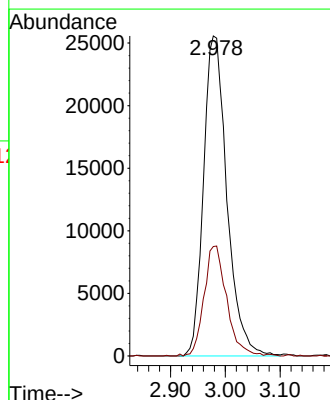
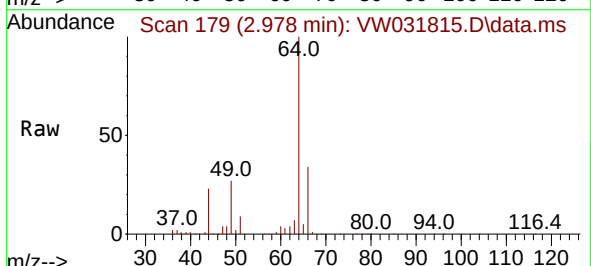
Instrument :
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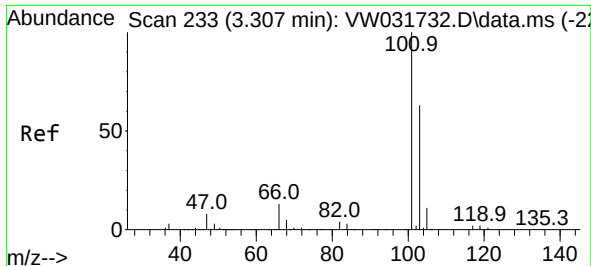
Tgt Ion: 94 Resp: 83568
Ion Ratio Lower Upper
94 100
96 92.0 75.6 113.4



#6
Chloroethane
Concen: 50.307 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 64 Resp: 75735
Ion Ratio Lower Upper
64 100
66 34.2 24.5 36.7

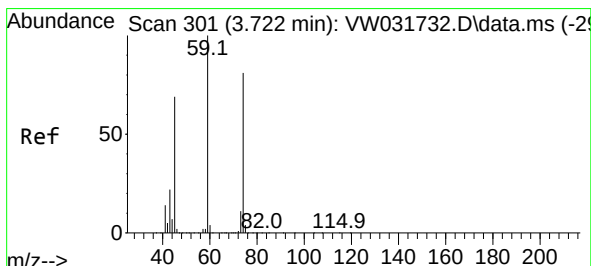
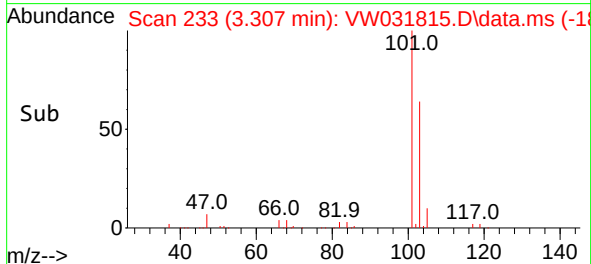
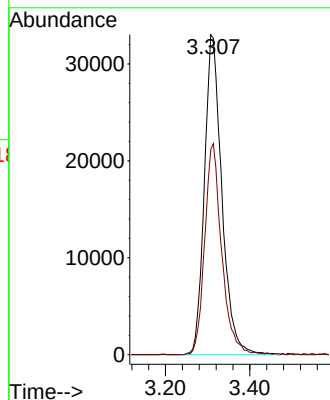
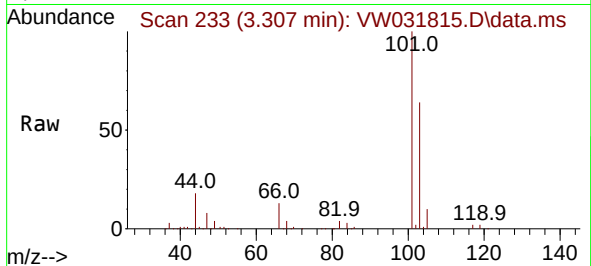




#7
 Trichlorofluoromethane
 Concen: 47.230 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

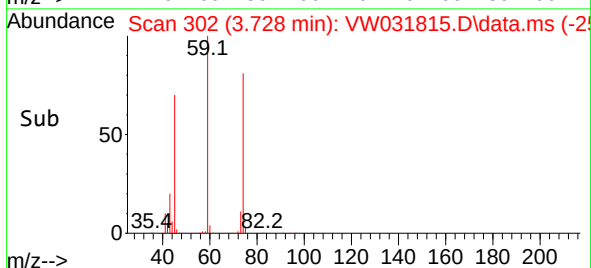
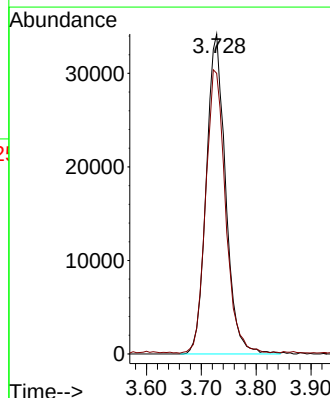
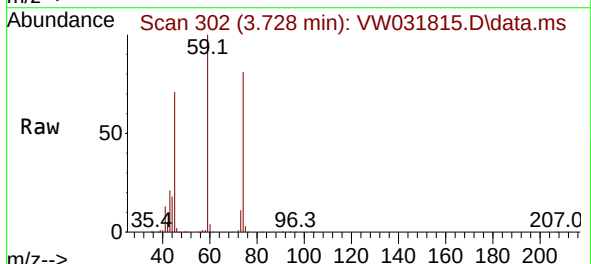
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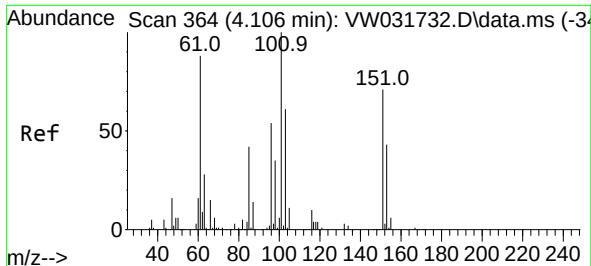
Tgt Ion:101 Resp: 95064
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 54.533 ug/l
 RT: 3.728 min Scan# 302
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

Tgt Ion: 74 Resp: 83406
 Ion Ratio Lower Upper
 74 100
 45 91.4 43.9 131.7

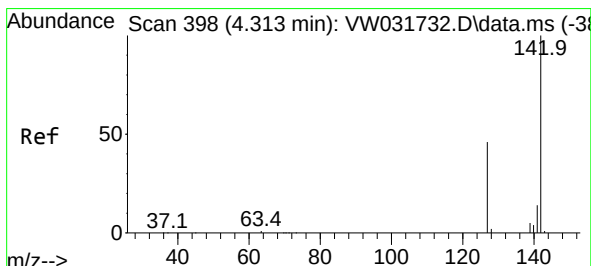
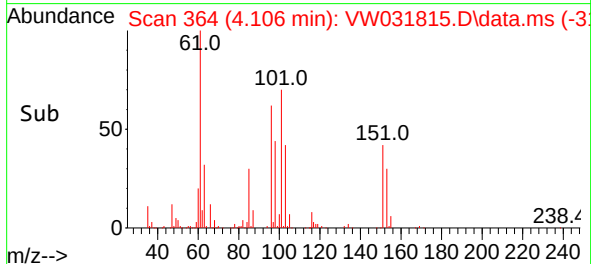
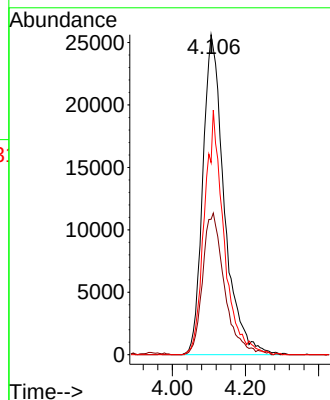
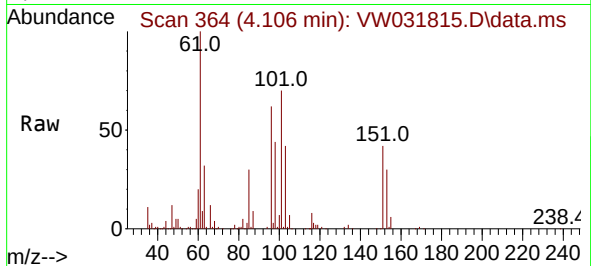




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.754 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW031815.D
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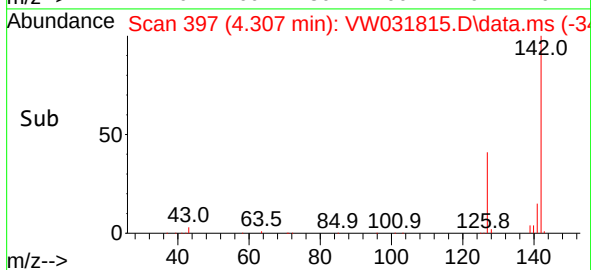
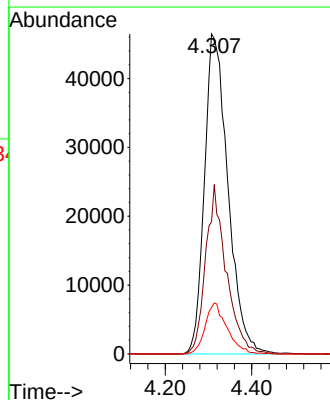
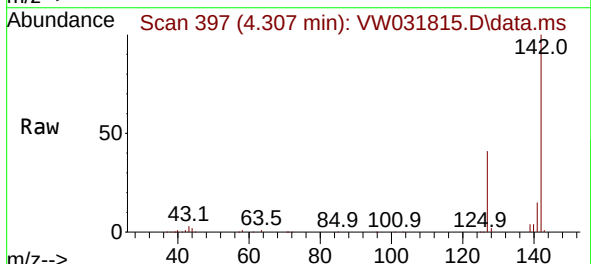
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

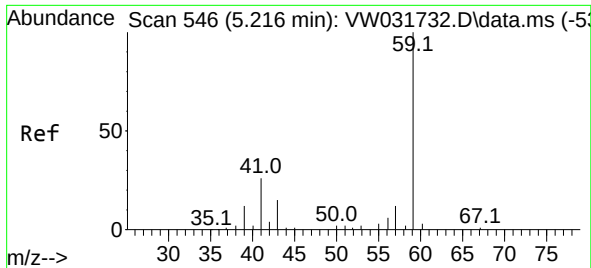
Tgt Ion:101 Resp: 104453
Ion Ratio Lower Upper
101 100
85 45.2 35.6 53.4
151 69.6 56.8 85.2



#10
Methyl Iodide
Concen: 50.876 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:142 Resp: 175224
Ion Ratio Lower Upper
142 100
127 46.3 37.9 56.9
141 14.8 11.7 17.5

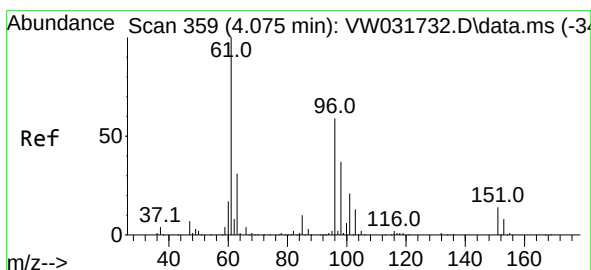
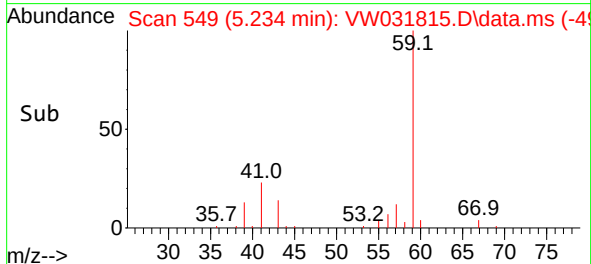
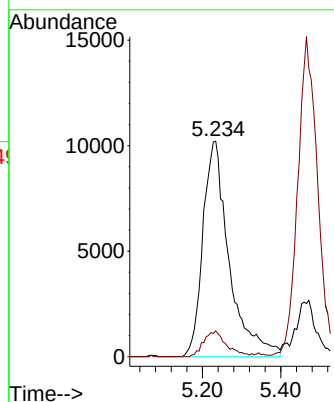
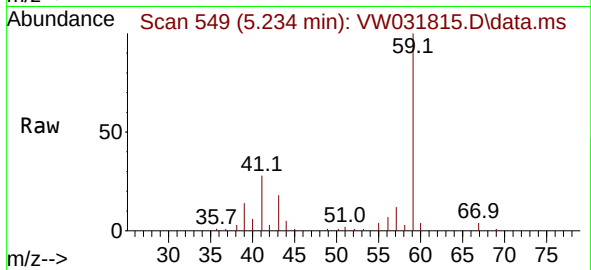




#11
Tert butyl alcohol
Concen: 260.158 ug/l
RT: 5.234 min Scan# 546
Delta R.T. 0.018 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

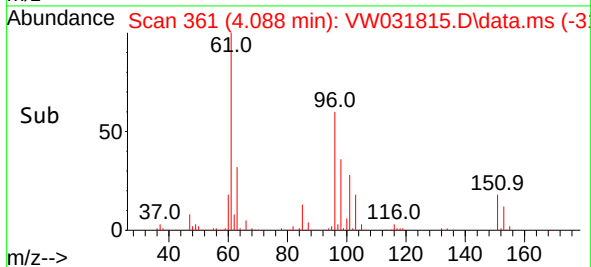
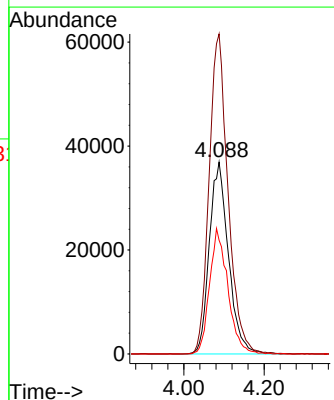
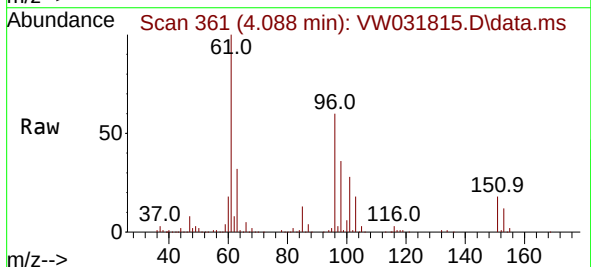
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

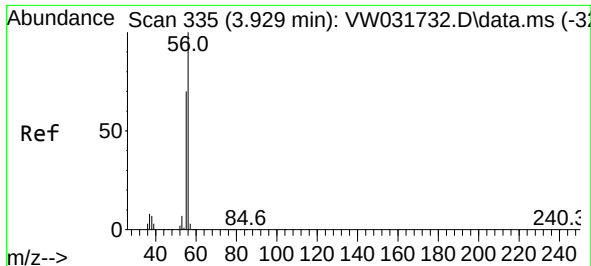
Tgt Ion: 59 Resp: 47503
Ion Ratio Lower Upper
59 100
57 10.3 9.5 14.3



#12
1,1-Dichloroethene
Concen: 49.995 ug/l
RT: 4.088 min Scan# 361
Delta R.T. 0.012 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 96 Resp: 122342
Ion Ratio Lower Upper
96 100
61 166.8 135.8 203.8
98 59.3 50.4 75.6

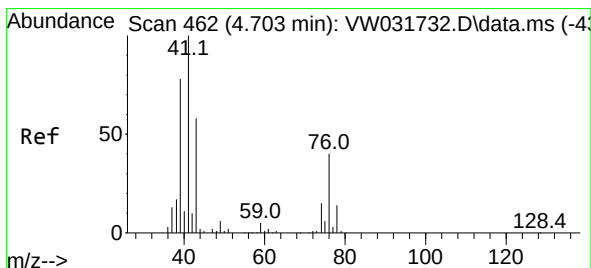
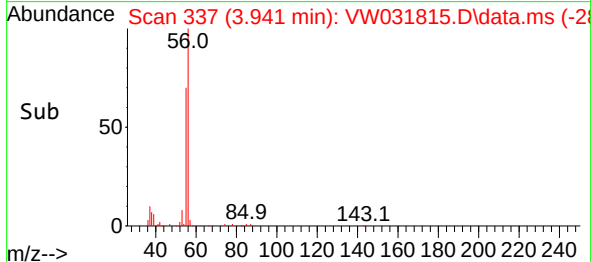
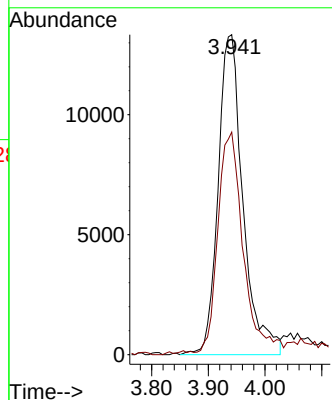
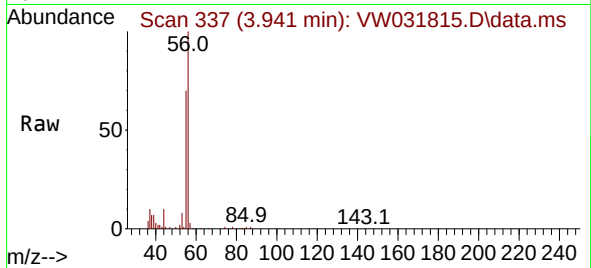




#13
Acrolein
Concen: 123.808 ug/l
RT: 3.941 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

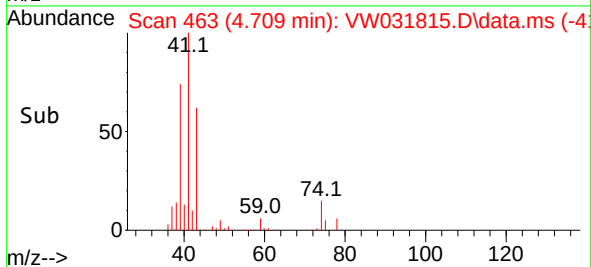
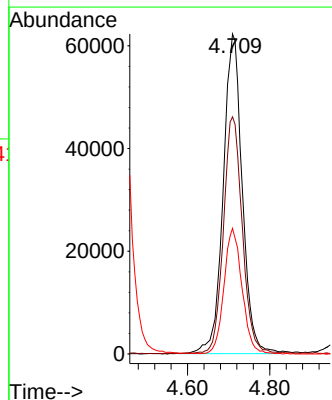
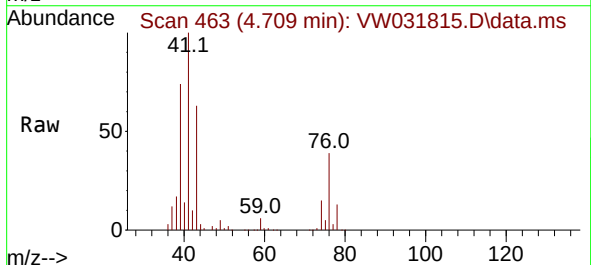
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

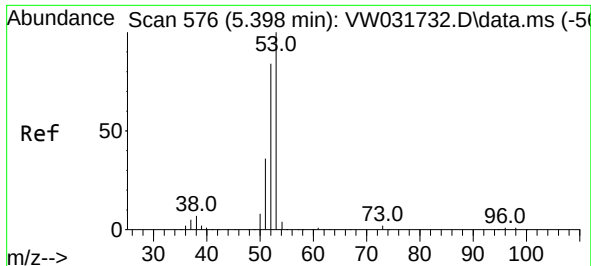
Tgt Ion: 56 Resp: 40631
Ion Ratio Lower Upper
56 100
55 69.3 54.0 81.0



#14
Allyl chloride
Concen: 53.382 ug/l
RT: 4.709 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 41 Resp: 200427
Ion Ratio Lower Upper
41 100
39 73.3 60.7 91.1
76 37.2 30.3 45.5

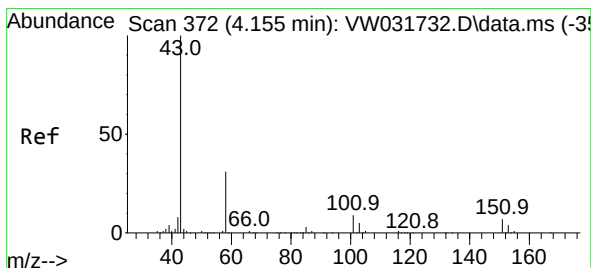
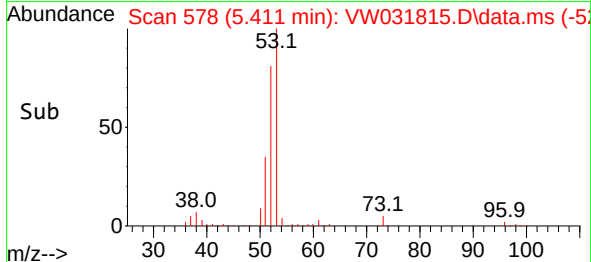
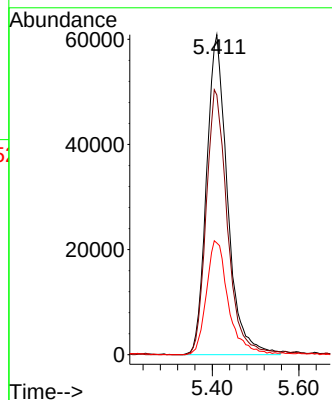
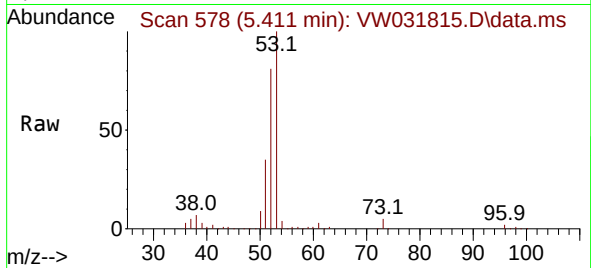




#15
Acrylonitrile
Concen: 272.235 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

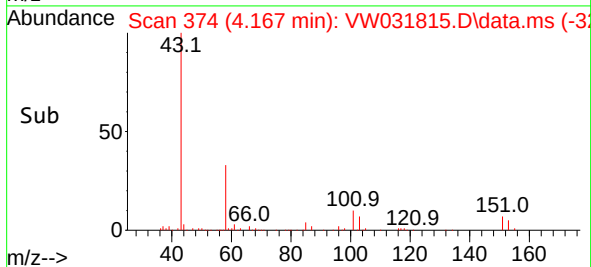
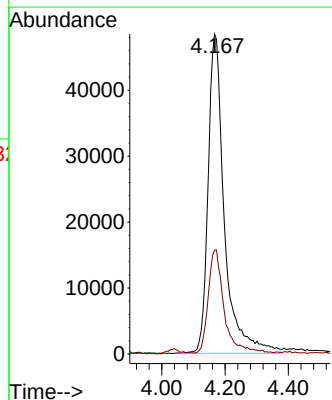
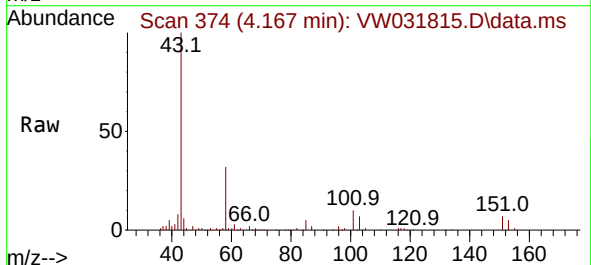
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

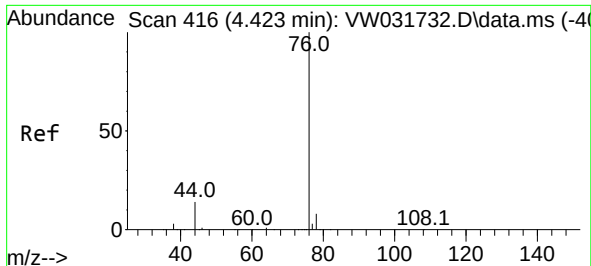
Tgt Ion: 53 Resp: 204754
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 37.3 29.9 44.9



#16
Acetone
Concen: 238.337 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 43 Resp: 173623
Ion Ratio Lower Upper
43 100
58 32.0 24.8 37.2

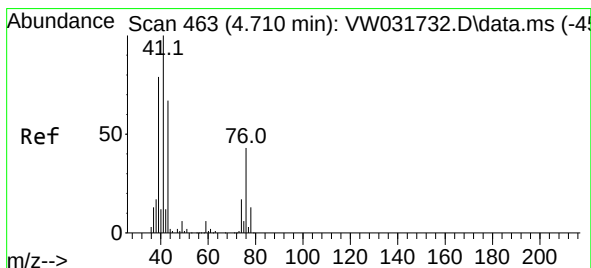
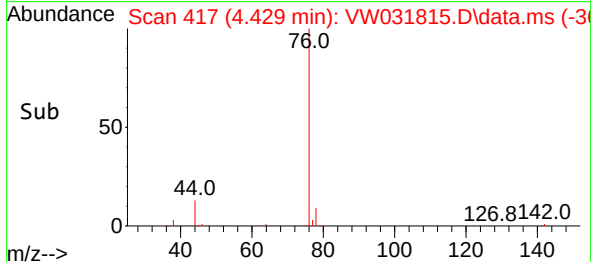
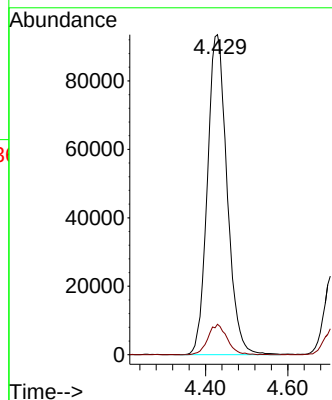
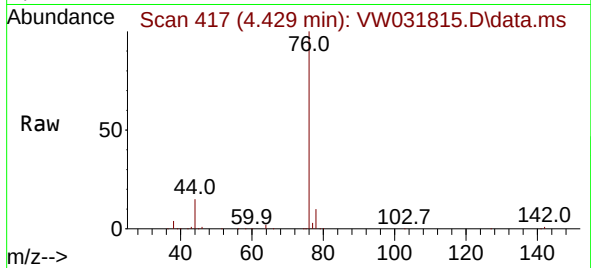




#17
Carbon Disulfide
Concen: 47.513 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

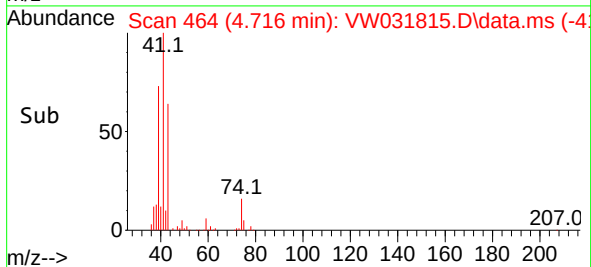
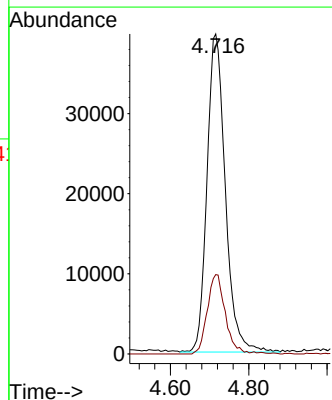
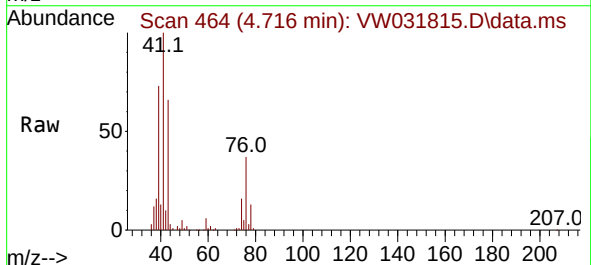
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

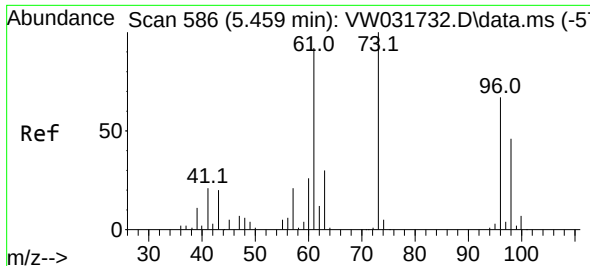
Tgt Ion: 76 Resp: 311128
Ion Ratio Lower Upper
76 100
78 9.5 6.6 10.0



#18
Methyl Acetate
Concen: 61.747 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 43 Resp: 128556
Ion Ratio Lower Upper
43 100
74 24.4 20.6 30.8

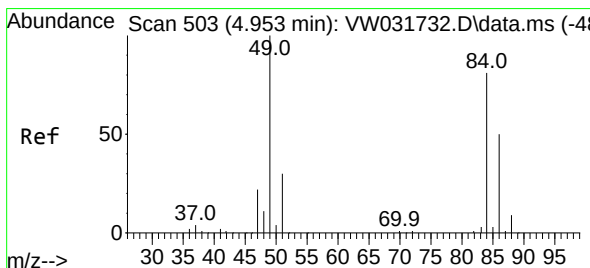
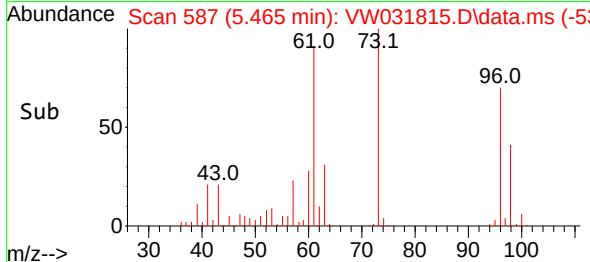
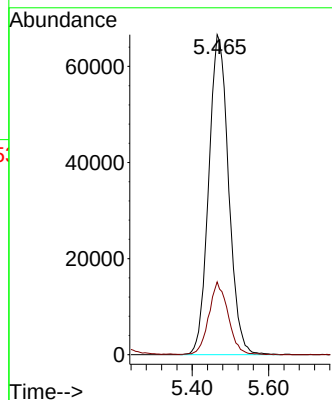
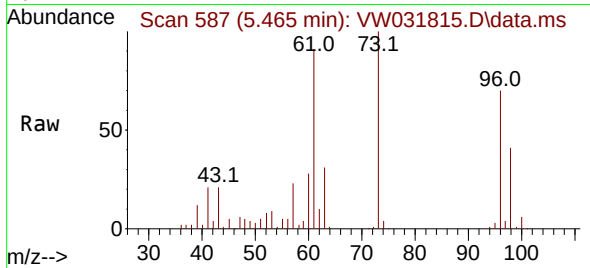




#19
Methyl tert-butyl Ether
Concen: 57.904 ug/l
RT: 5.465 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

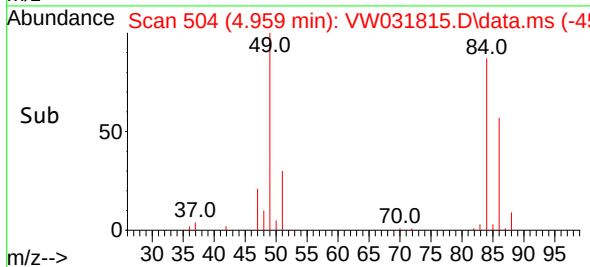
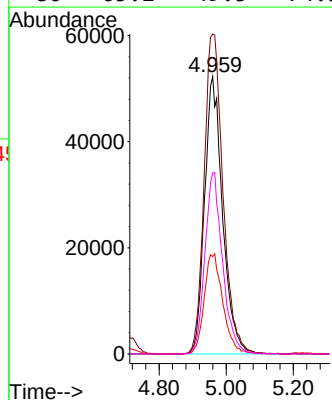
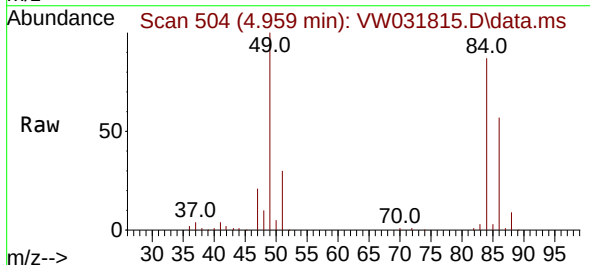
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

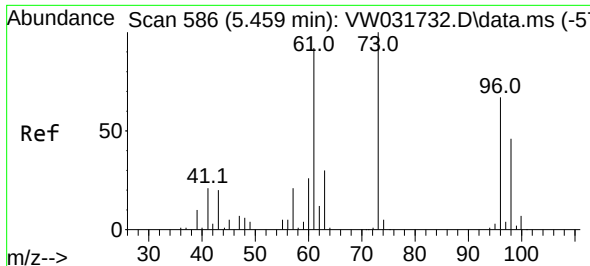
Tgt Ion: 73 Resp: 240502
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8



#20
Methylene Chloride
Concen: 69.515 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 84 Resp: 194722
Ion Ratio Lower Upper
84 100
49 115.3 98.2 147.4
51 35.1 29.8 44.8
86 65.2 49.5 74.3

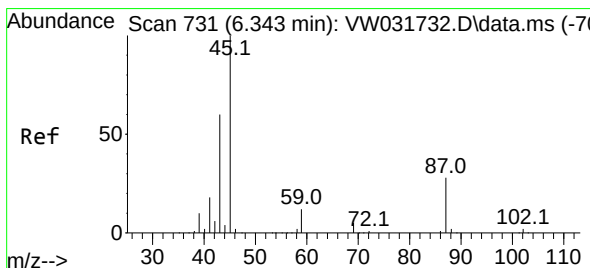
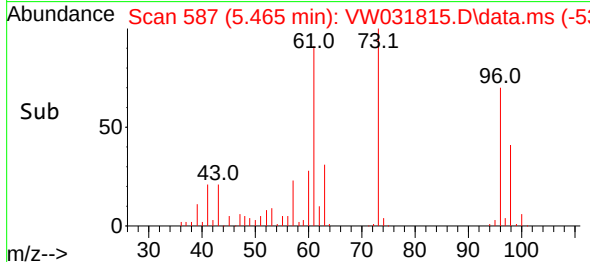
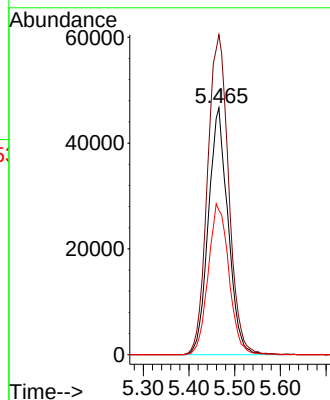
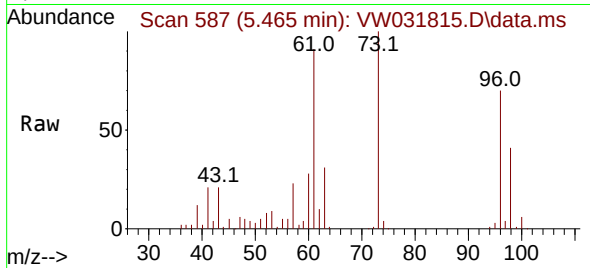




#21
trans-1,2-Dichloroethene
Concen: 53.633 ug/l
RT: 5.465 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

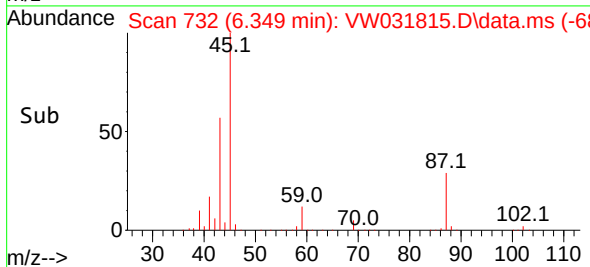
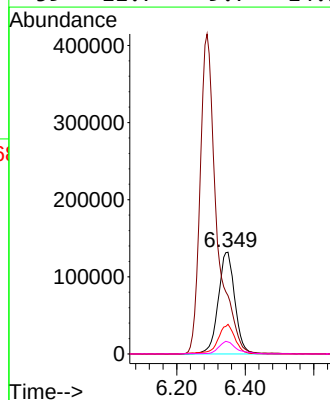
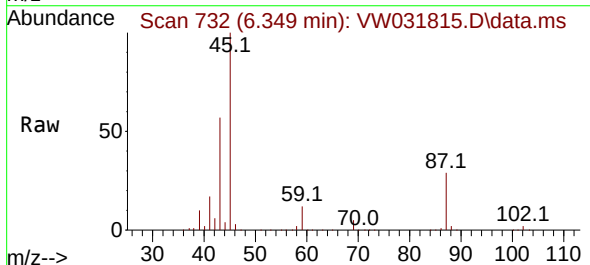
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

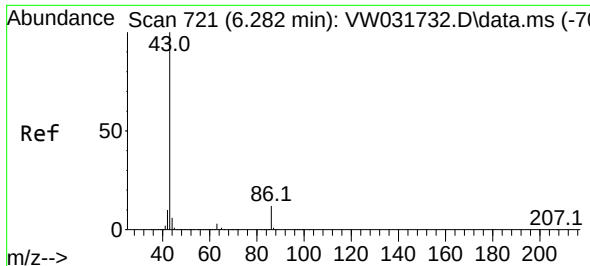
Tgt Ion: 96 Resp: 139455
Ion Ratio Lower Upper
96 100
61 129.6 109.8 164.6
98 58.4 54.9 82.3



#22
Diisopropyl ether
Concen: 60.319 ug/l
RT: 6.349 min Scan# 732
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 45 Resp: 441696
Ion Ratio Lower Upper
45 100
43 57.1 48.3 72.5
87 29.1 22.6 34.0
59 11.7 9.7 14.5

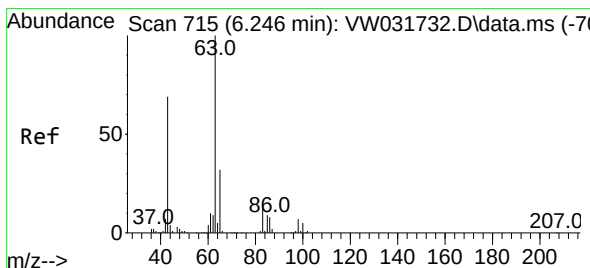
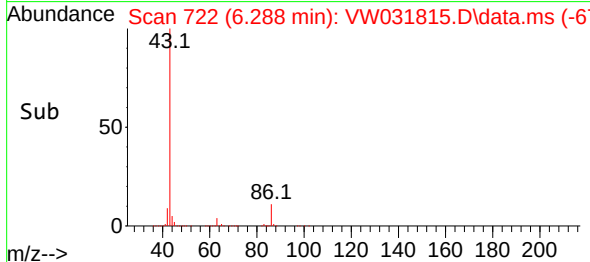
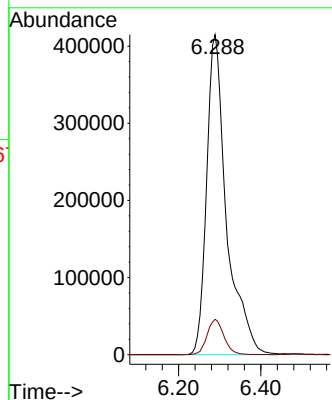
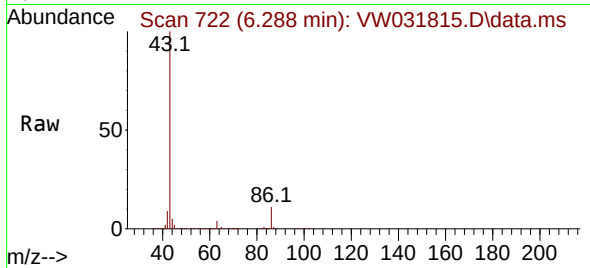




#23
 Vinyl Acetate
 Concen: 279.048 ug/l
 RT: 6.288 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

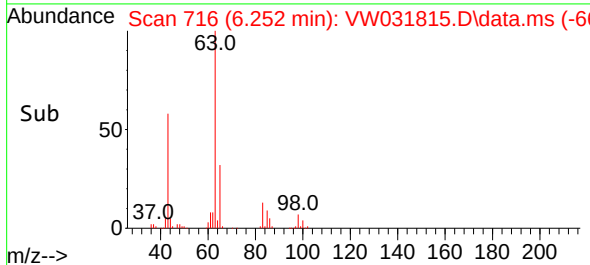
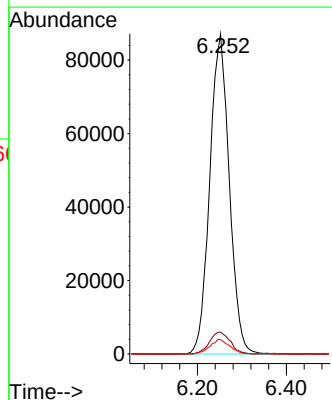
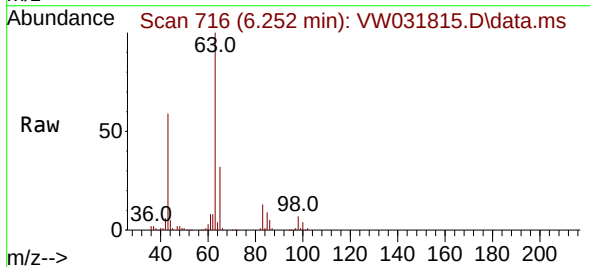
Instrument :
 MSVOA_W
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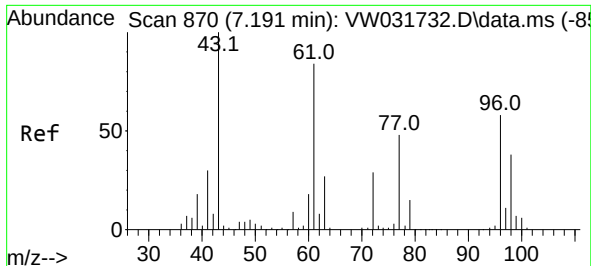
Tgt Ion: 43 Resp: 1395702
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 55.926 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

Tgt Ion: 63 Resp: 265504
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 281.927 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

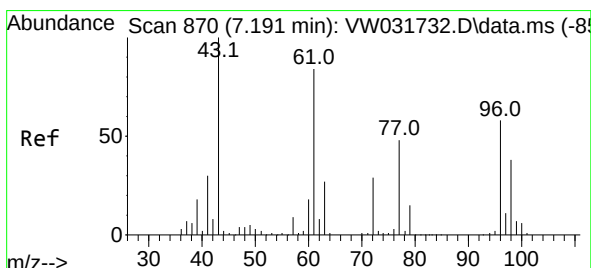
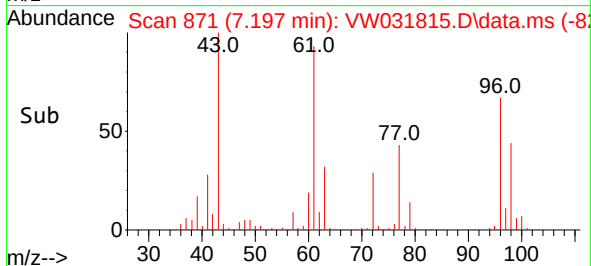
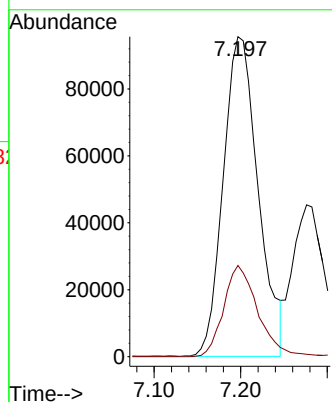
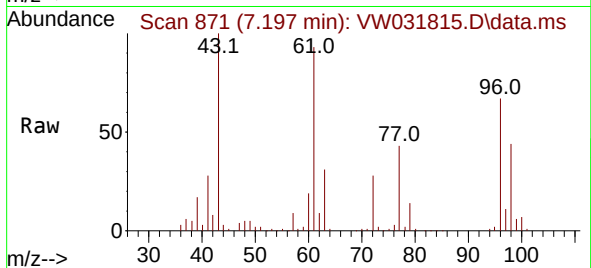
VSTDCCC050EC

Tgt Ion: 43 Resp: 267190

Ion Ratio Lower Upper

43 100

72 28.5 23.0 34.6



#26

2,2-Dichloropropane

Concen: 47.063 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW031815.D

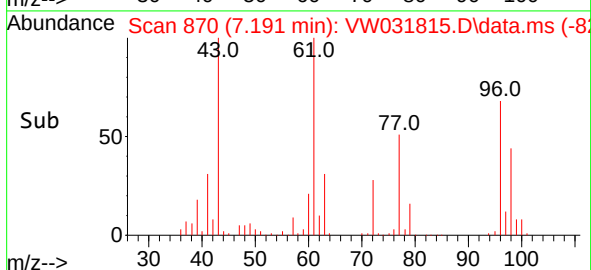
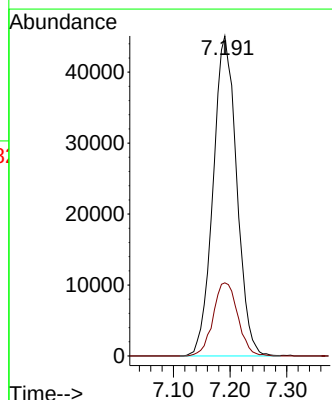
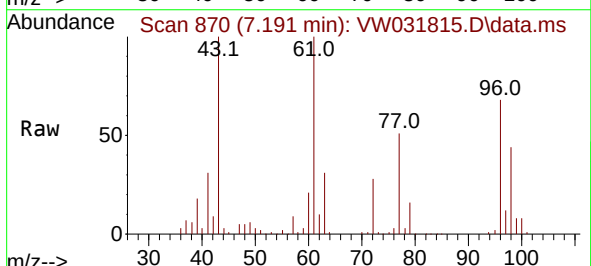
Acq: 10 Jul 2025 19:59

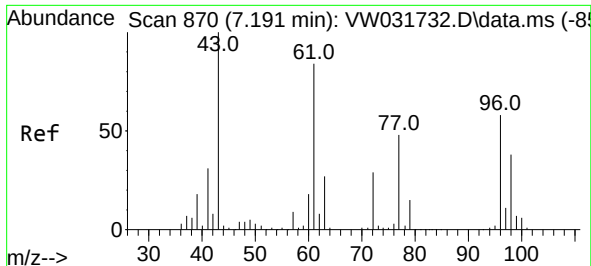
Tgt Ion: 77 Resp: 130360

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7

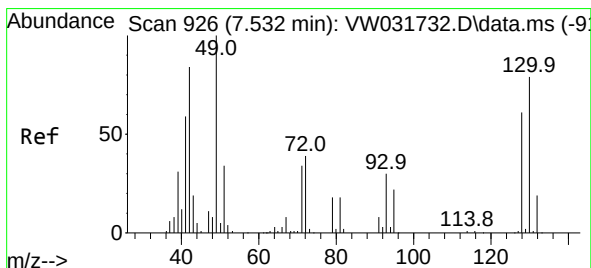
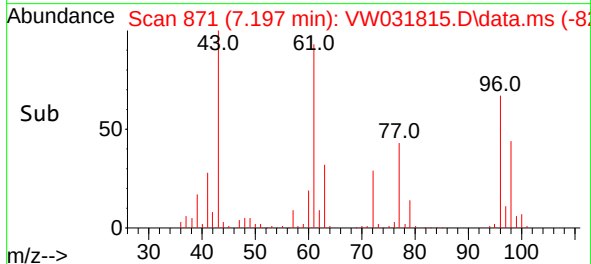
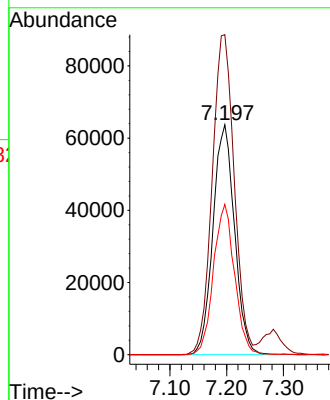
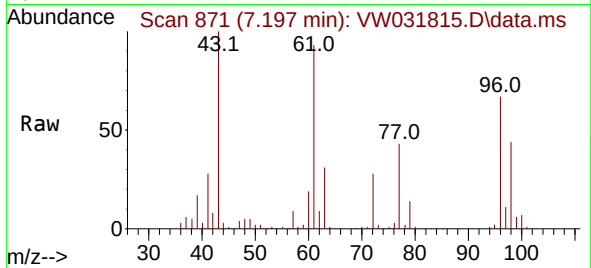




#27
 cis-1,2-Dichloroethene
 Concen: 56.224 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

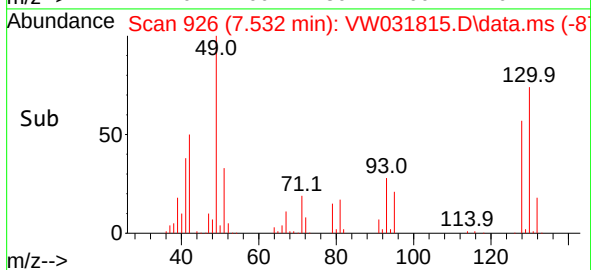
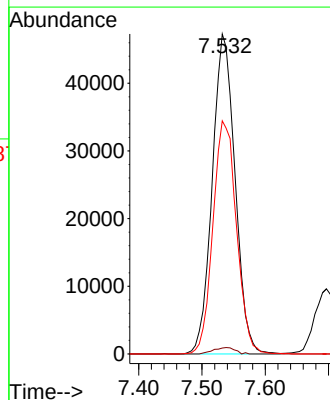
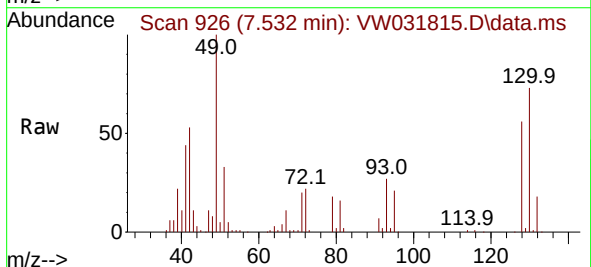
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

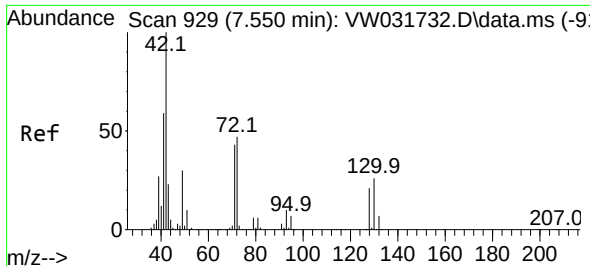
Tgt Ion: 96 Resp: 168047
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 286.8
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 56.409 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

Tgt Ion: 49 Resp: 118177
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.4
 130 75.3 61.3 91.9

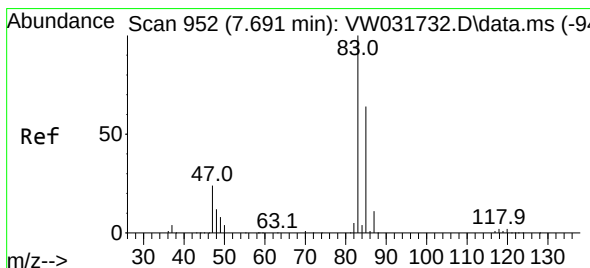
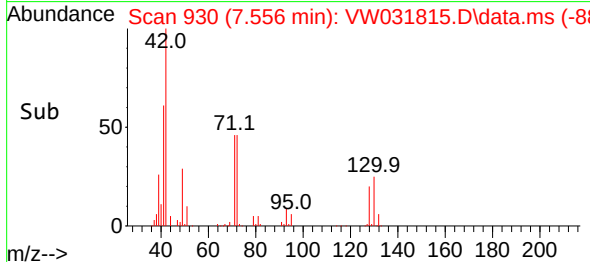
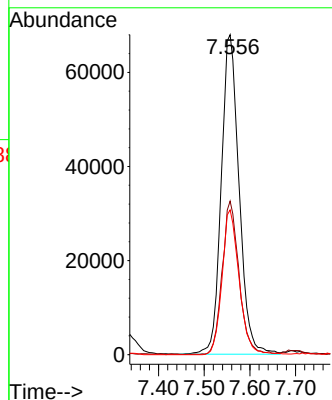
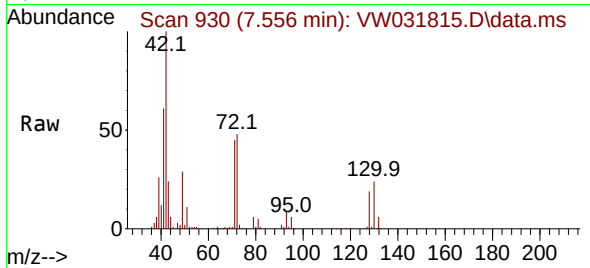




#29
Tetrahydrofuran
Concen: 283.770 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

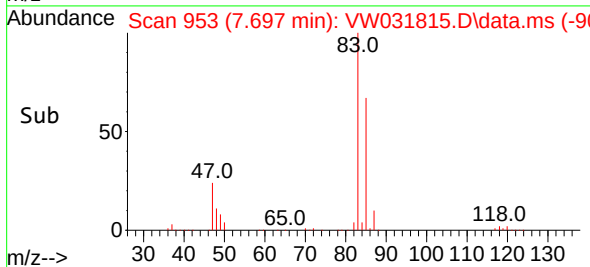
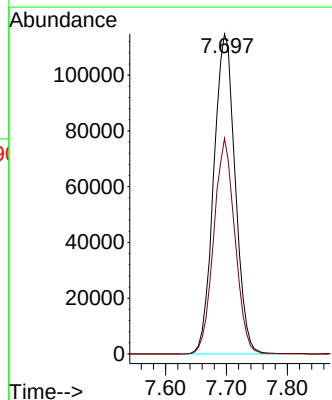
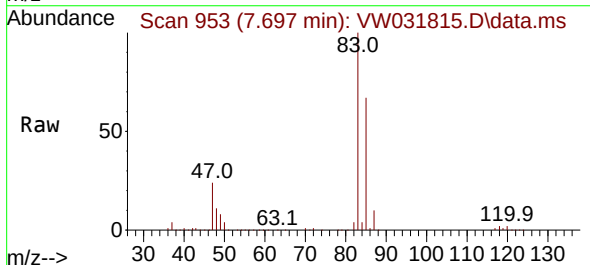
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

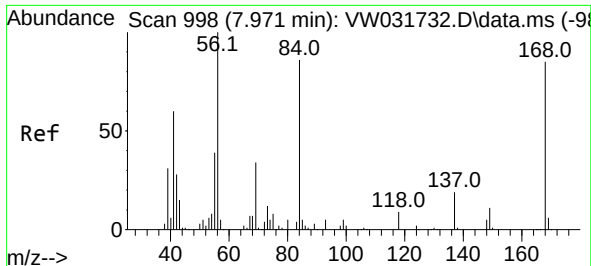
Tgt Ion: 42 Resp: 184175
Ion Ratio Lower Upper
42 100
72 45.4 36.8 55.2
71 43.6 34.6 52.0



#30
Chloroform
Concen: 55.703 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 83 Resp: 280995
Ion Ratio Lower Upper
83 100
85 67.4 51.4 77.0

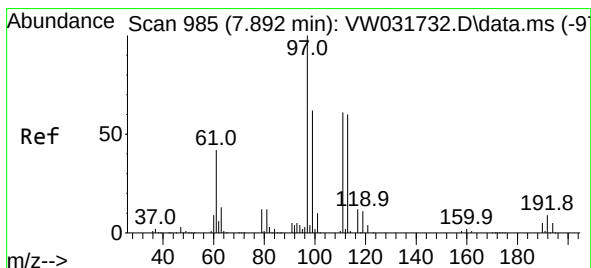
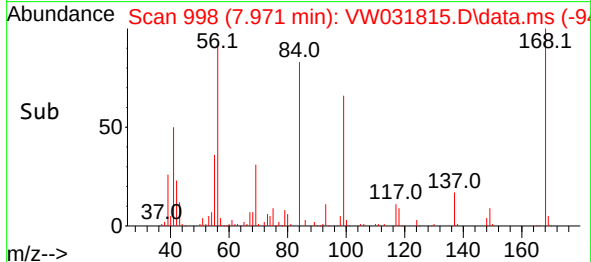
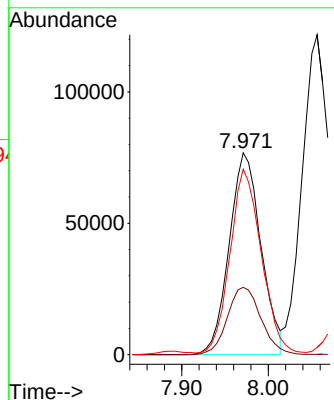
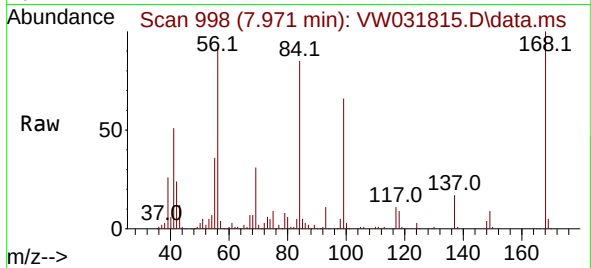




#31
Cyclohexane
Concen: 46.645 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

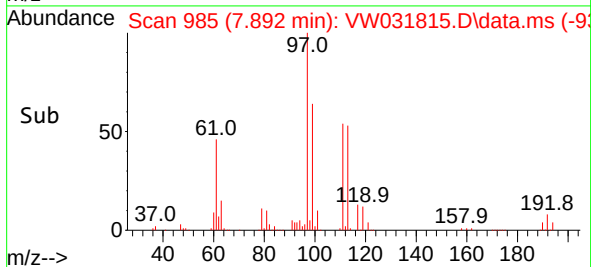
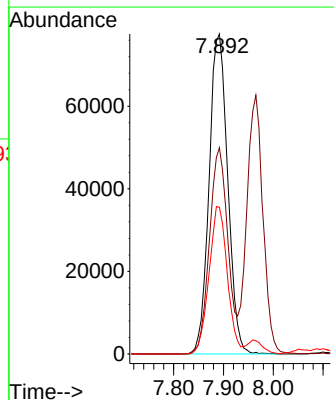
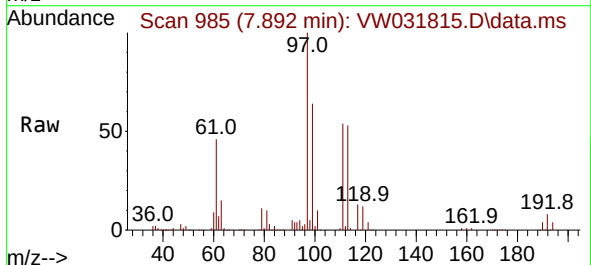
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

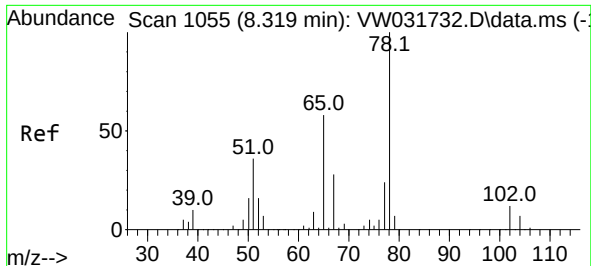
Tgt Ion: 56 Resp: 195744
Ion Ratio Lower Upper
56 100
69 33.3 27.2 40.8
84 90.5 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 51.696 ug/l
RT: 7.892 min Scan# 985
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 97 Resp: 200972
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 45.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.835 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

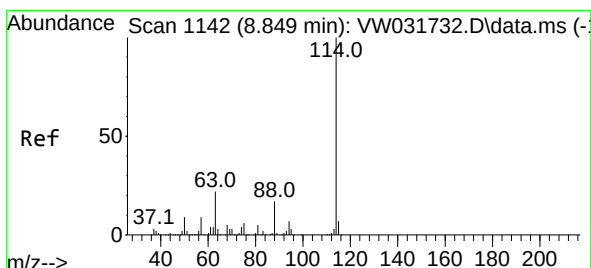
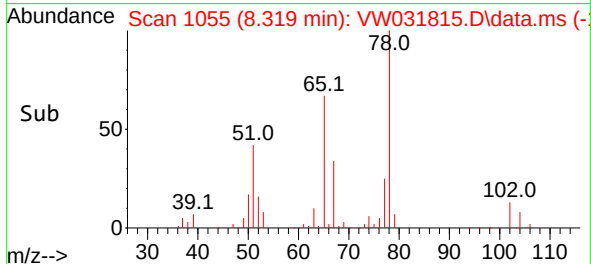
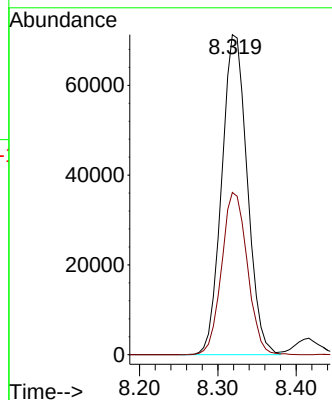
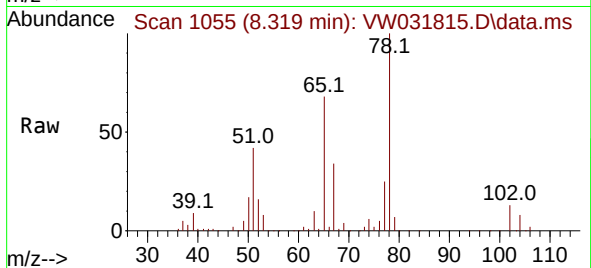
VSTDCCC050EC

Tgt Ion: 65 Resp: 161614

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

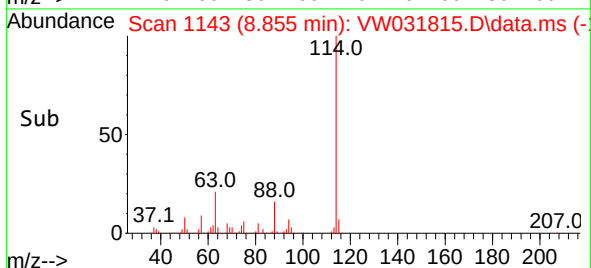
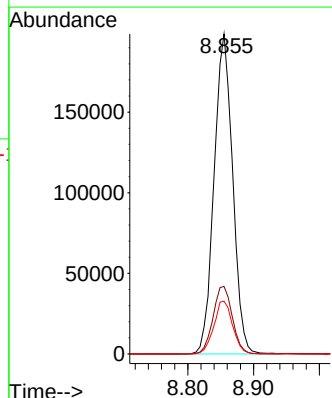
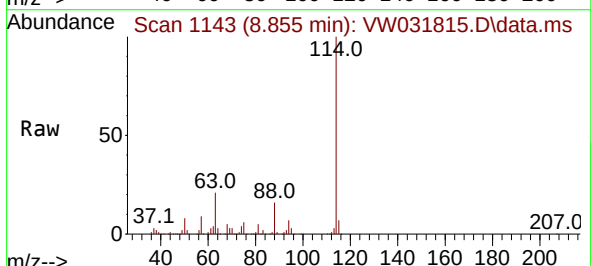
Tgt Ion: 114 Resp: 390811

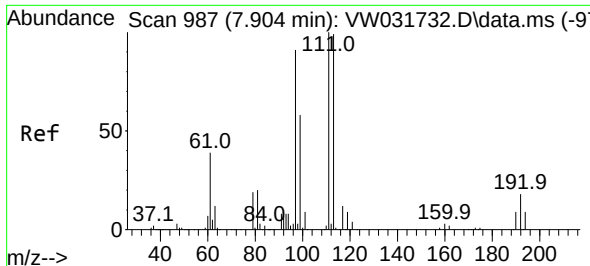
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.6

88 16.5 0.0 34.2

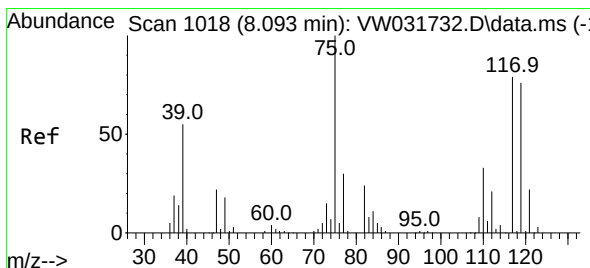
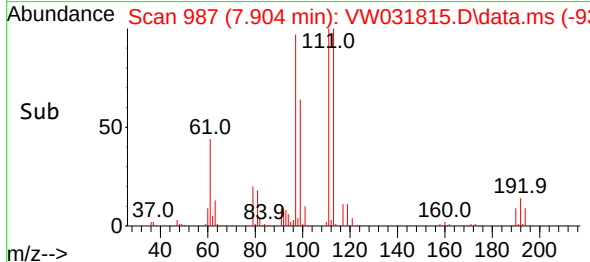
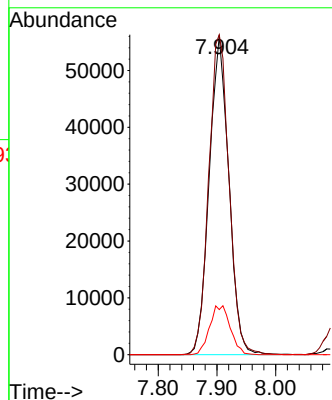
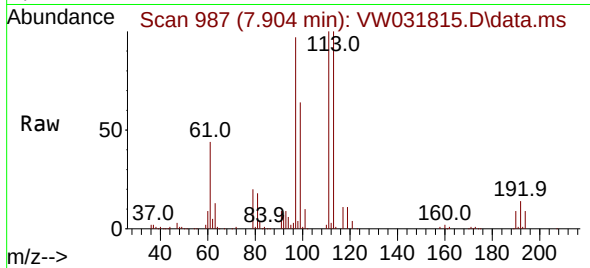




#35
 Dibromofluoromethane
 Concen: 50.939 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

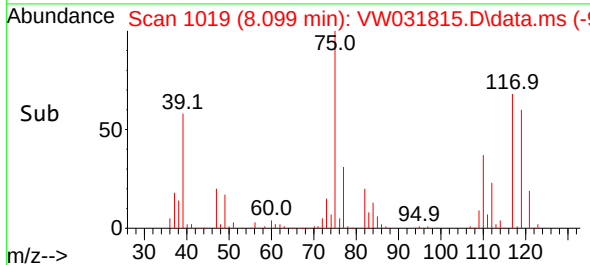
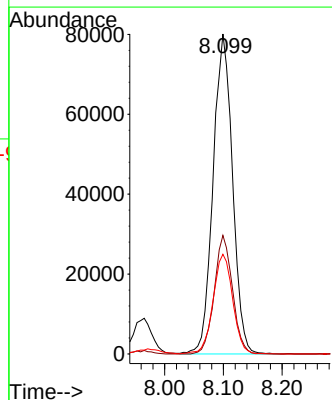
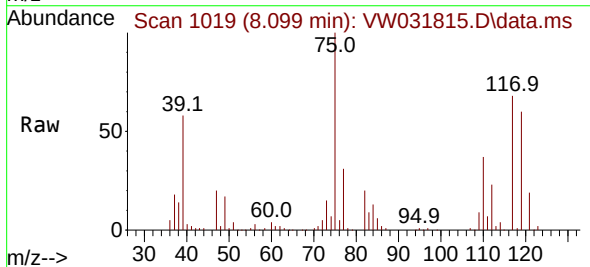
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

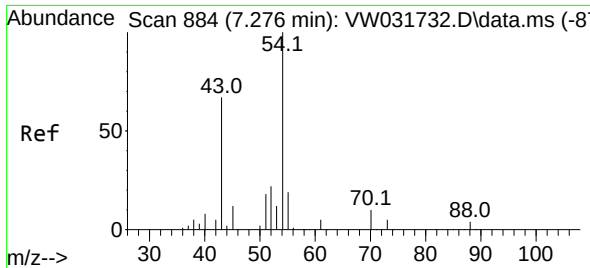
Tgt Ion:113 Resp: 129906
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 16.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 49.902 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

Tgt Ion: 75 Resp: 184153
 Ion Ratio Lower Upper
 75 100
 110 34.7 16.8 50.4
 77 31.5 25.0 37.6



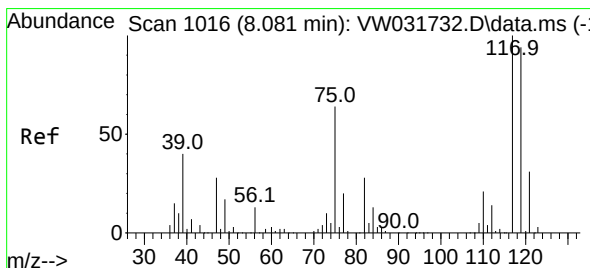
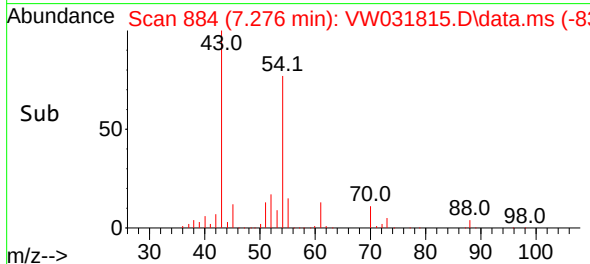
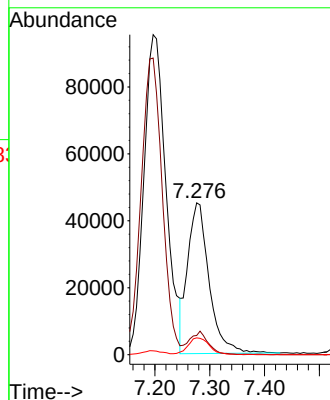
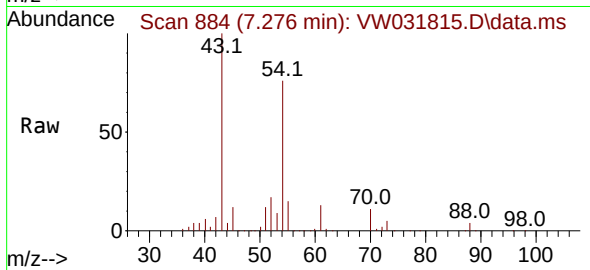


#37
Ethyl Acetate
Concen: 52.605 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 122459

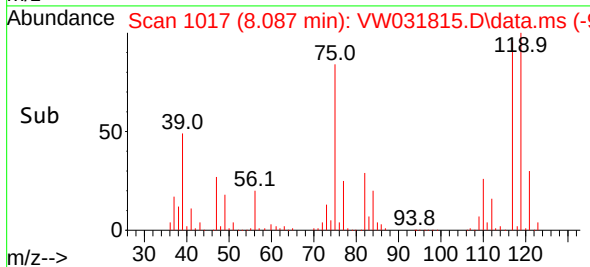
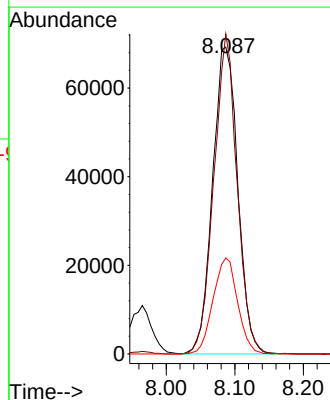
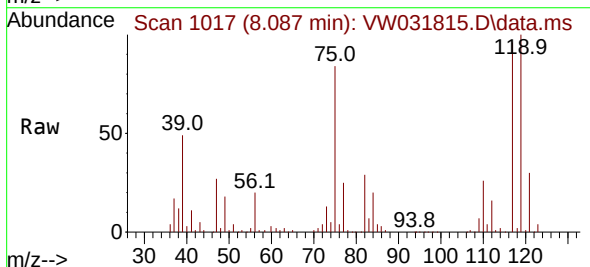
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.9	16.3
70	11.2	9.2	13.8

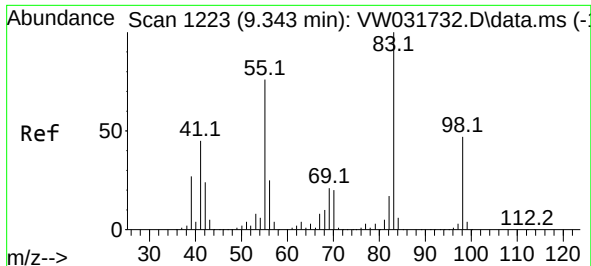


#38
Carbon Tetrachloride
Concen: 47.048 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 117 Resp: 176925

Ion	Ratio	Lower	Upper
117	100		
119	104.3	75.0	112.6
121	31.3	24.6	37.0





#39

Methylcyclohexane

Concen: 47.227 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

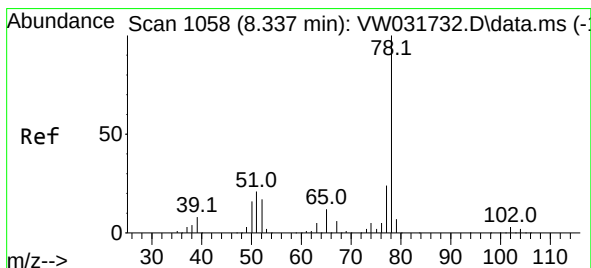
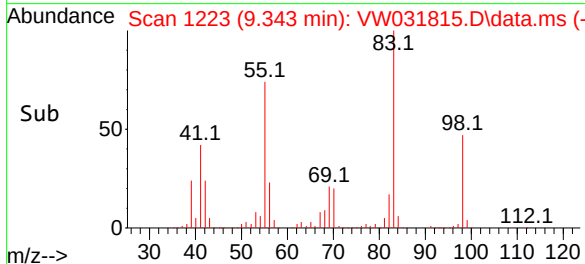
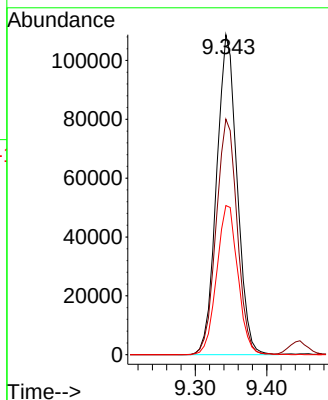
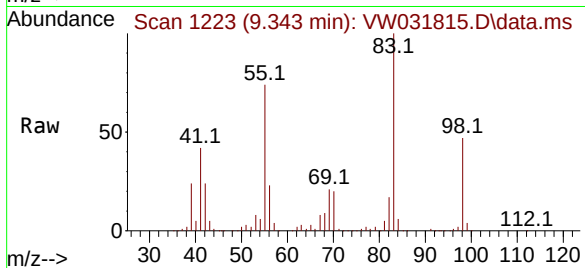
Tgt Ion: 83 Resp: 216833

Ion Ratio Lower Upper

83 100

55 73.6 61.0 91.4

98 46.6 37.9 56.9



#40

Benzene

Concen: 53.549 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW031815.D

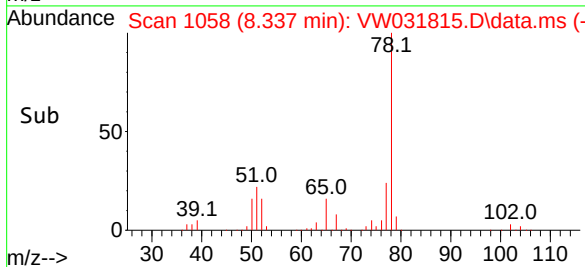
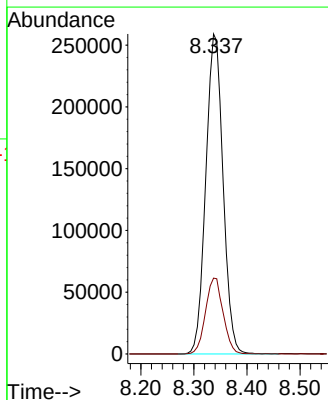
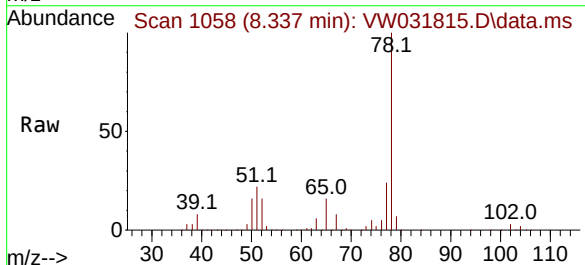
Acq: 10 Jul 2025 19:59

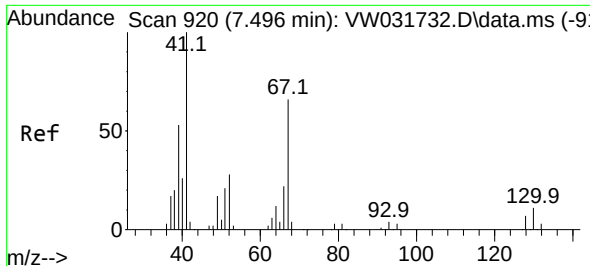
Tgt Ion: 78 Resp: 584651

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8

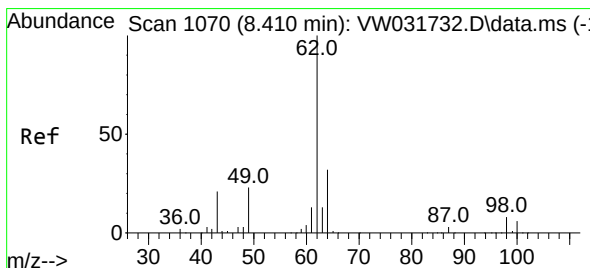
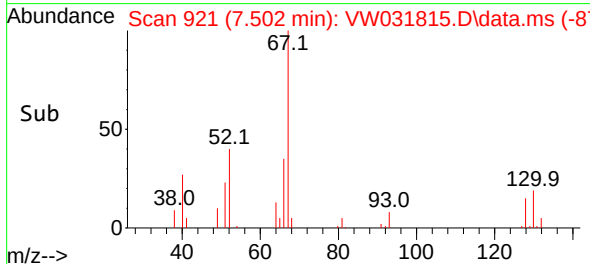
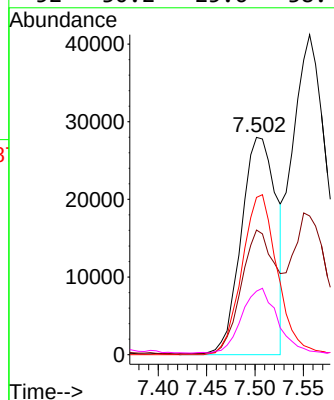
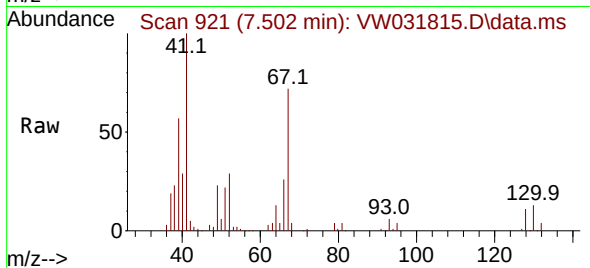




#41
Methacrylonitrile
Concen: 56.835 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

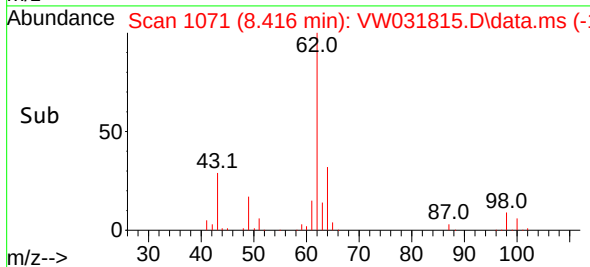
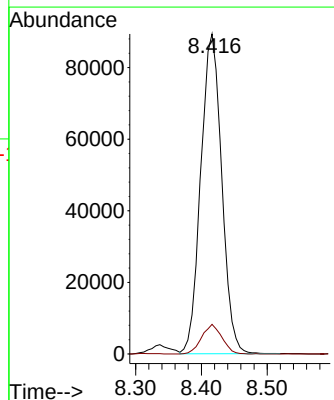
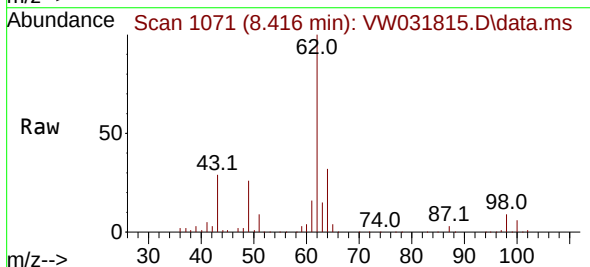
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

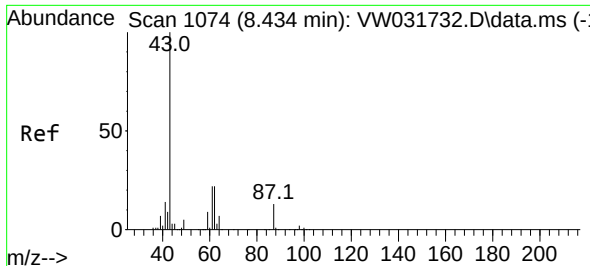
Tgt Ion: 41	Resp: 70876
Ion Ratio	Lower Upper
41 100	
39 55.2	43.2 64.8
67 74.5	58.1 87.1
52 30.2	25.6 38.4



#42
1,2-Dichloroethane
Concen: 53.716 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 62	Resp: 198163
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 17.2

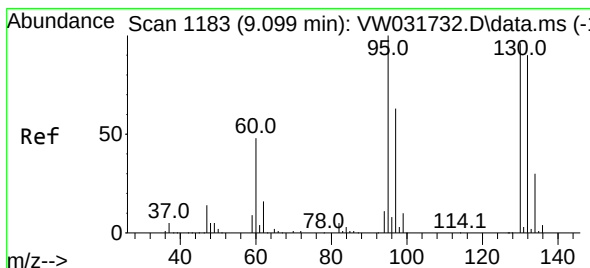
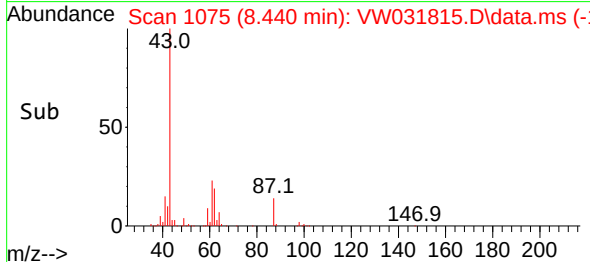
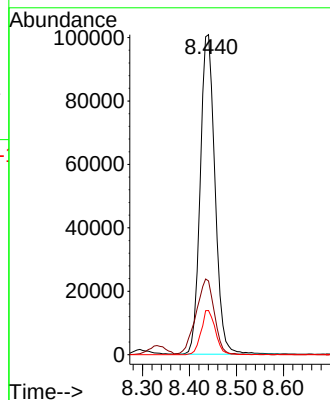
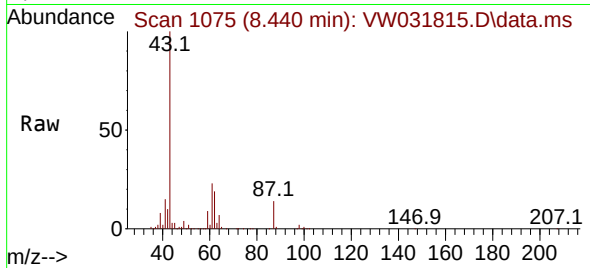




#43
Isopropyl Acetate
Concen: 54.802 ug/l
RT: 8.440 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

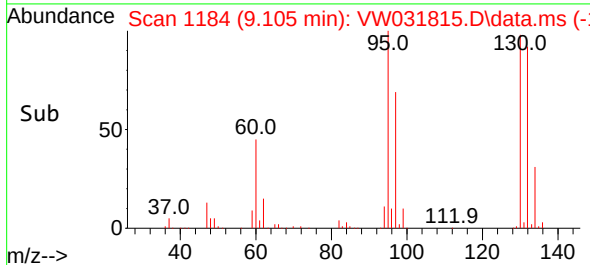
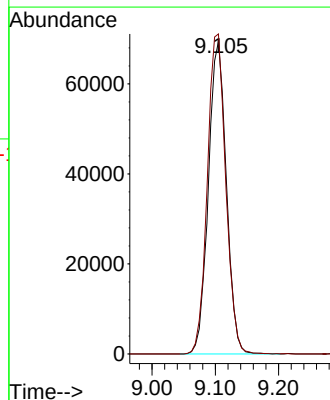
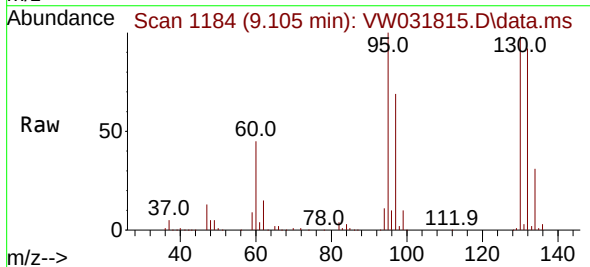
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

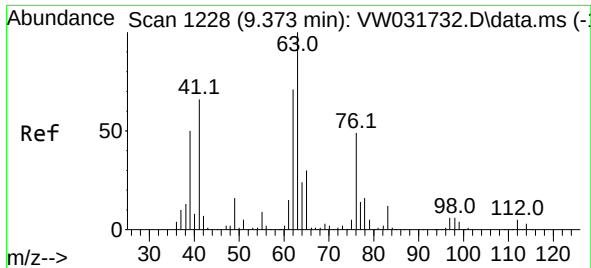
Tgt Ion: 43 Resp: 219909
Ion Ratio Lower Upper
43 100
61 29.2 23.1 34.7
87 13.4 10.8 16.2



#44
Trichloroethene
Concen: 50.321 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:130 Resp: 137128
Ion Ratio Lower Upper
130 100
95 102.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 54.947 ug/l

RT: 9.379 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

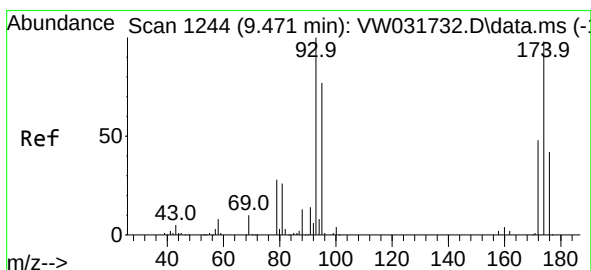
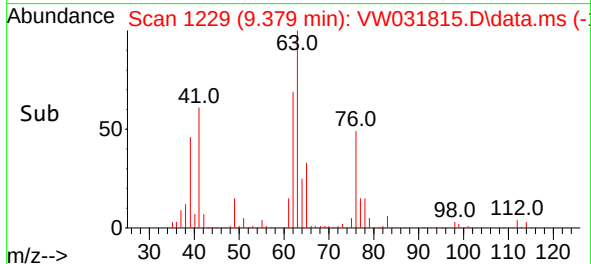
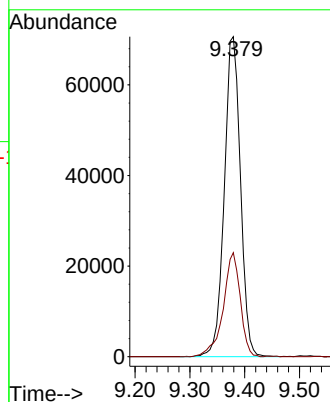
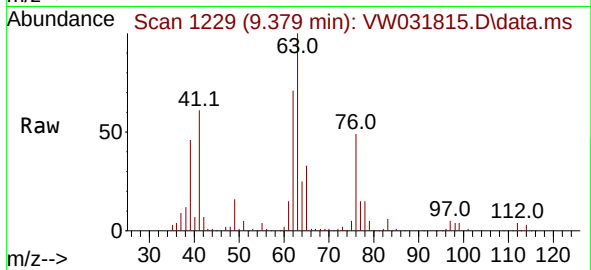
VSTDCCC050EC

Tgt Ion: 63 Resp: 144992

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.4



#46

Dibromomethane

Concen: 54.735 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

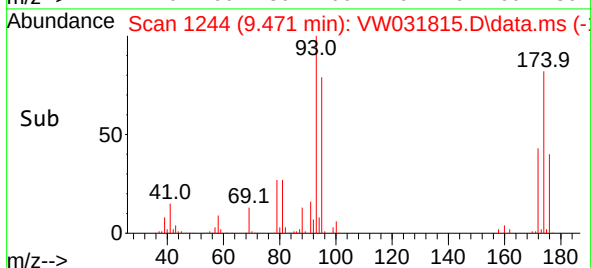
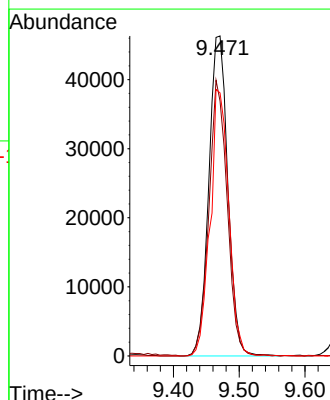
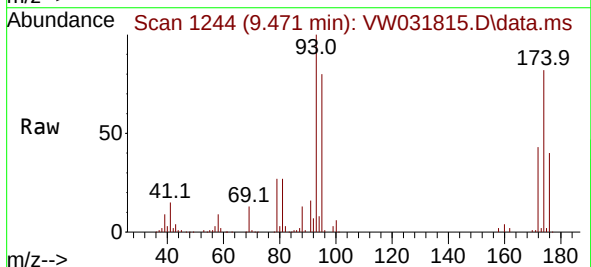
Tgt Ion: 93 Resp: 93246

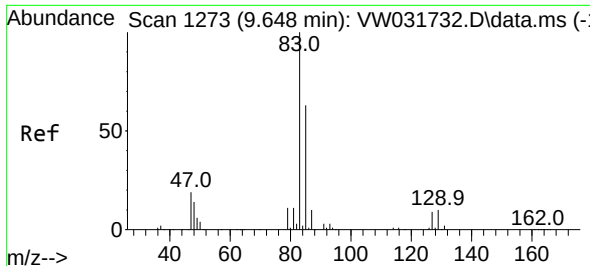
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

174 81.5 71.7 107.5

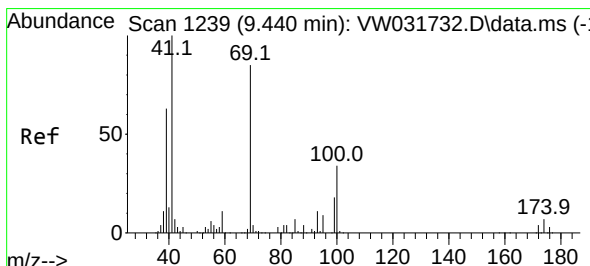
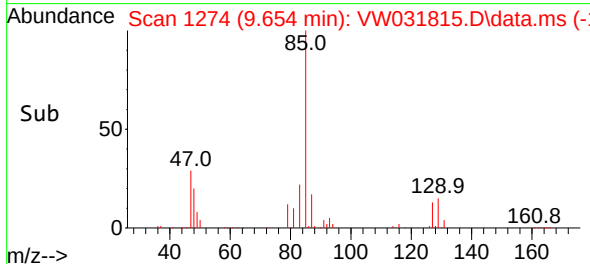
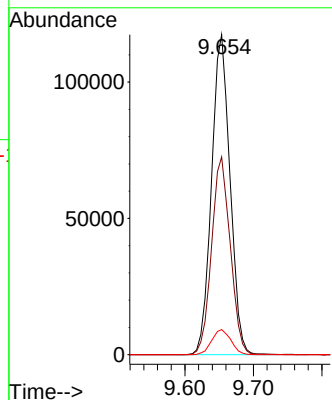
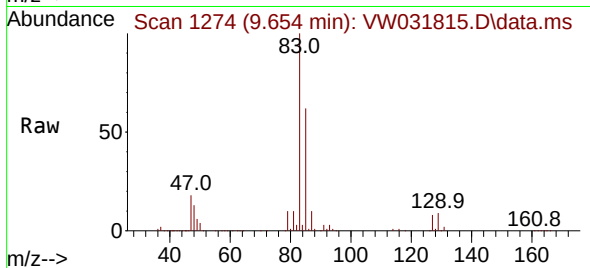




#47
Bromodichloromethane
Concen: 55.033 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

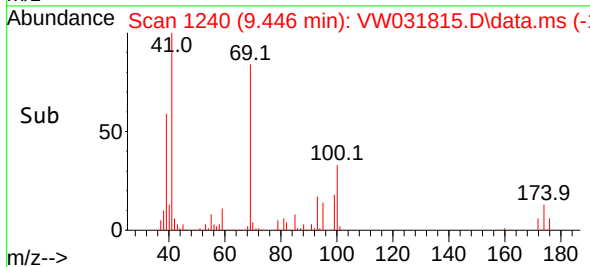
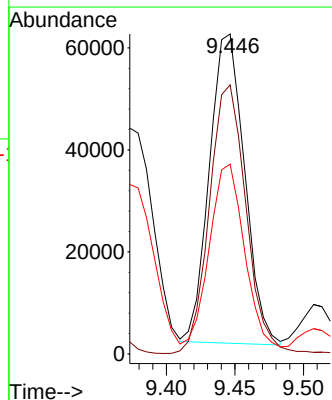
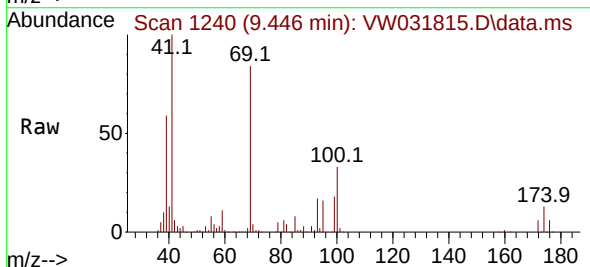
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

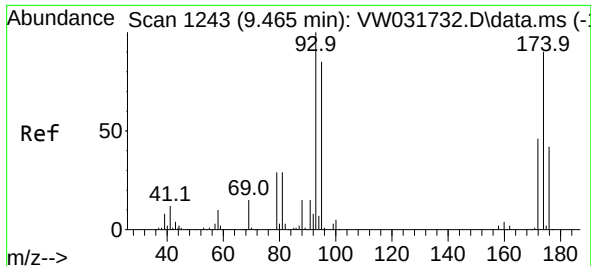
Tgt Ion: 83 Resp: 219851
Ion Ratio Lower Upper
83 100
85 61.8 50.8 76.2
127 7.9 6.8 10.2



#48
Methyl methacrylate
Concen: 54.800 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 41 Resp: 108127
Ion Ratio Lower Upper
41 100
69 91.5 71.6 107.4
39 63.2 49.5 74.3

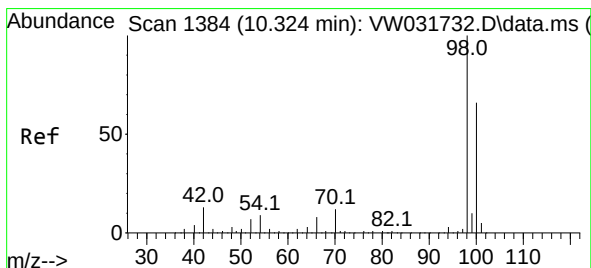
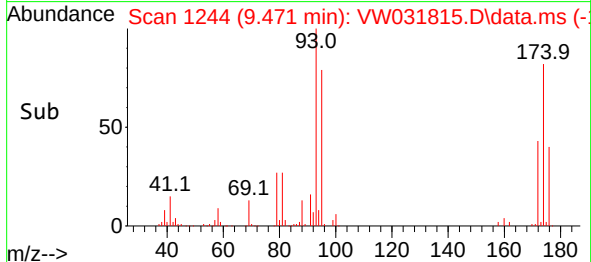
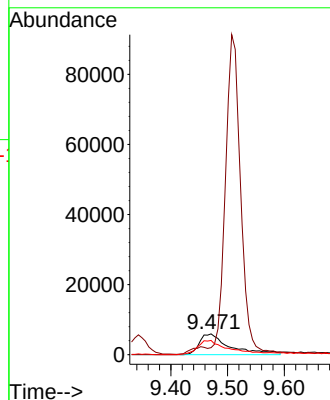
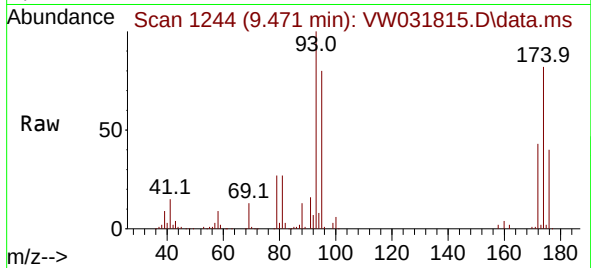




#49
 1,4-Dioxane
 Concen: 1117.198 ug/l
 RT: 9.471 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

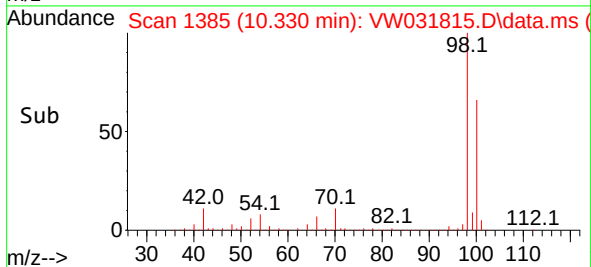
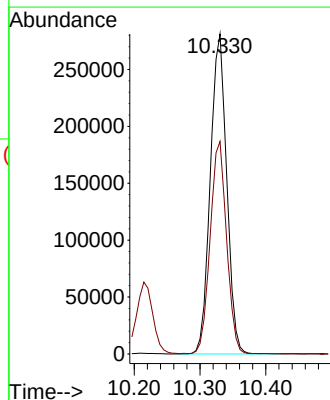
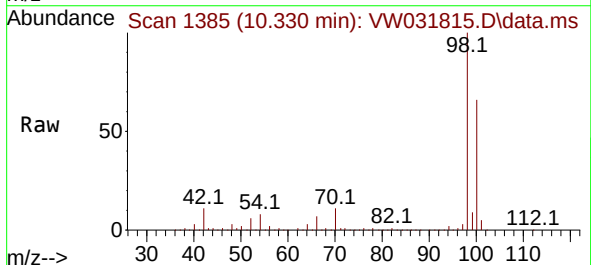
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

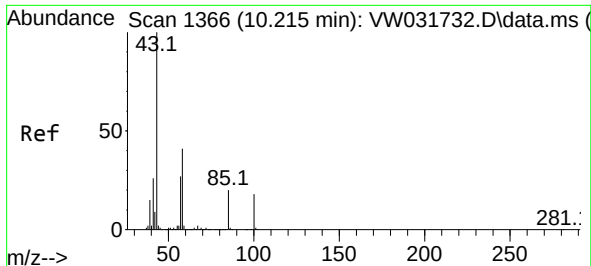
Tgt Ion: 88 Resp: 22291
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 74.3 58.3 87.5



#50
 Toluene-d8
 Concen: 51.356 ug/l
 RT: 10.330 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

Tgt Ion: 98 Resp: 487382
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.0 79.4

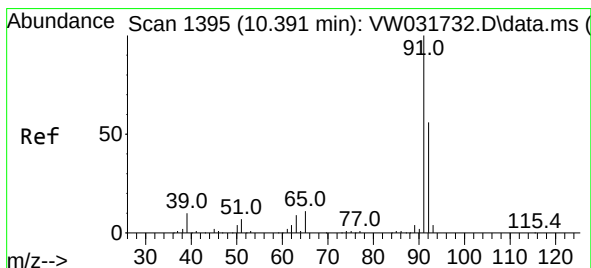
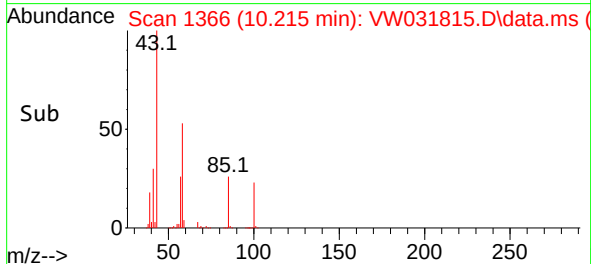
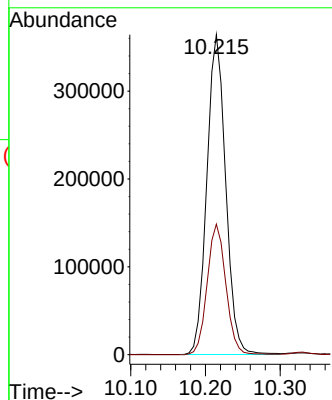
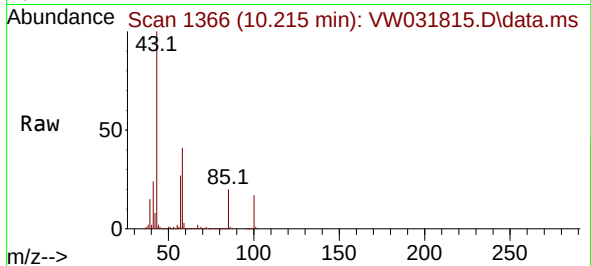




#51
4-Methyl-2-Pentanone
Concen: 276.816 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

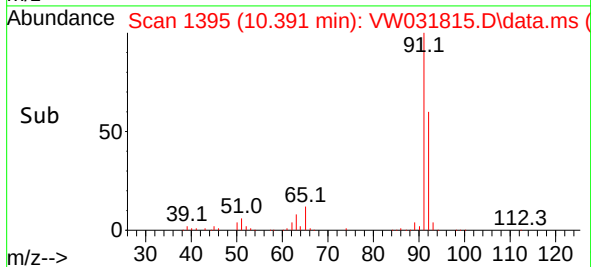
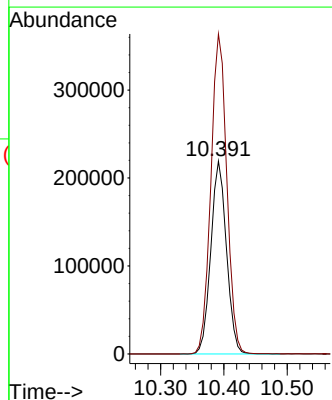
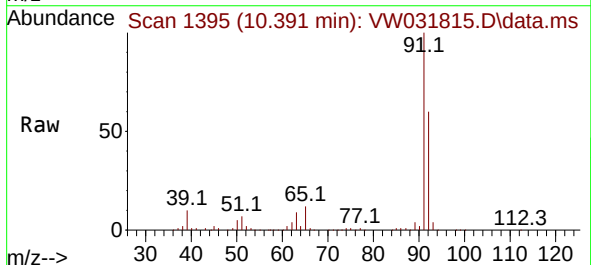
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

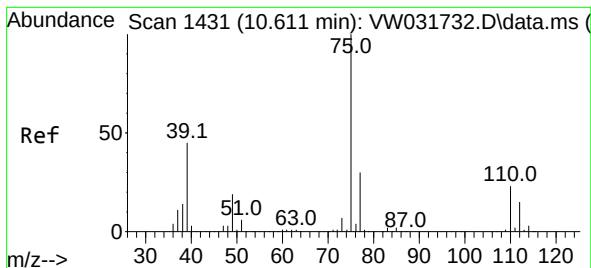
Tgt Ion: 43 Resp: 638615
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 53.854 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 92 Resp: 376463
Ion Ratio Lower Upper
92 100
91 169.5 139.5 209.3

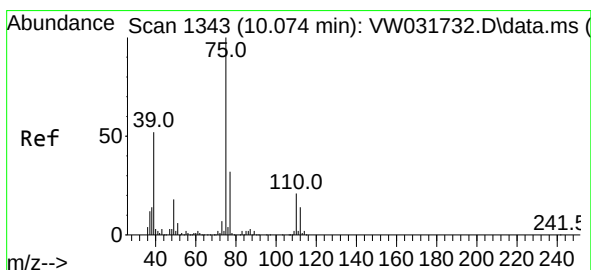
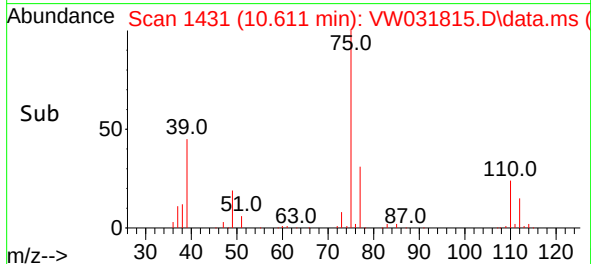
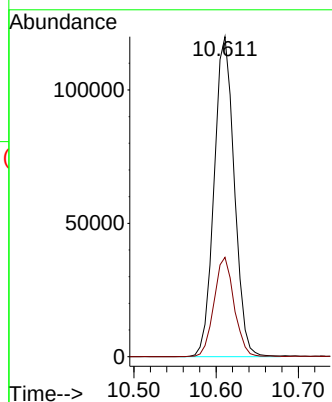
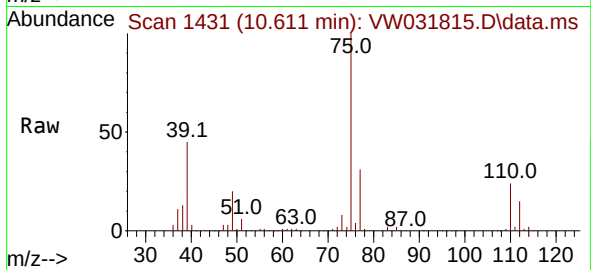




#53
t-1,3-Dichloropropene
Concen: 54.640 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

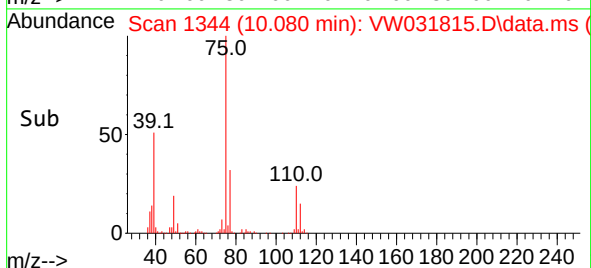
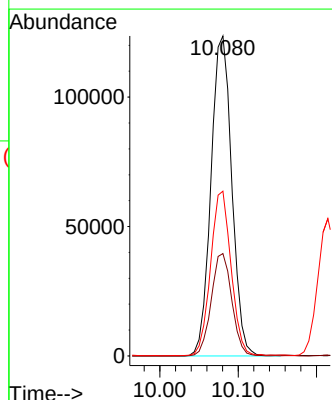
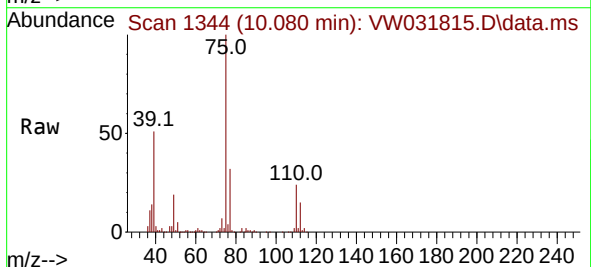
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

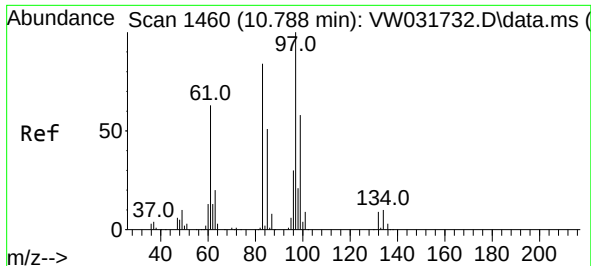
Tgt Ion: 75 Resp: 204801
Ion Ratio Lower Upper
75 100
77 31.0 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 53.676 ug/l
RT: 10.080 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 75 Resp: 228077
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
39 51.4 41.8 62.6

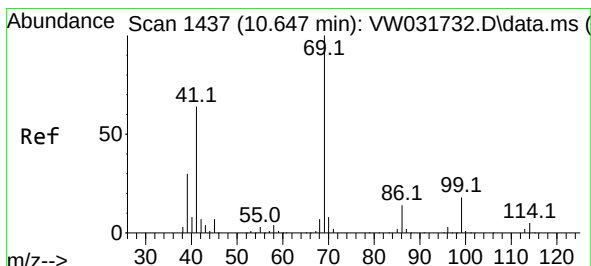
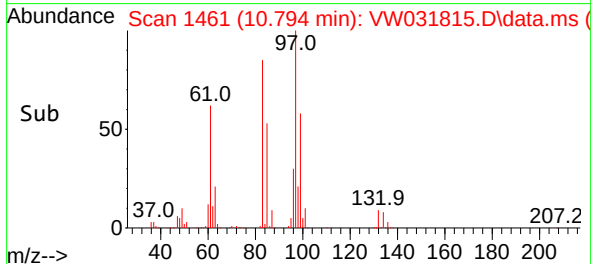
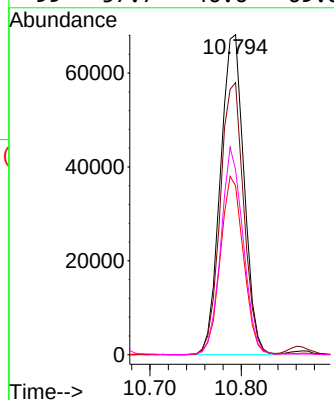
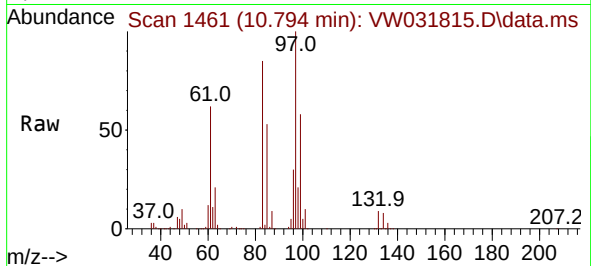




#55
1,1,2-Trichloroethane
Concen: 55.107 ug/l
RT: 10.794 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

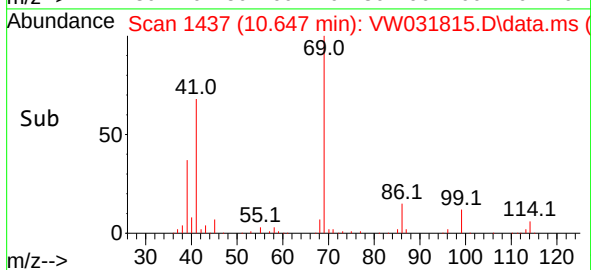
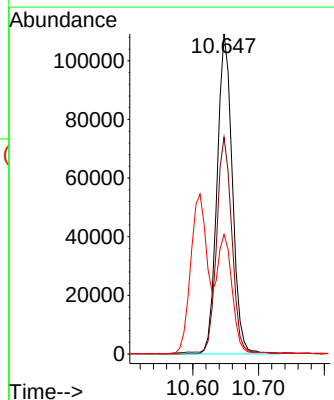
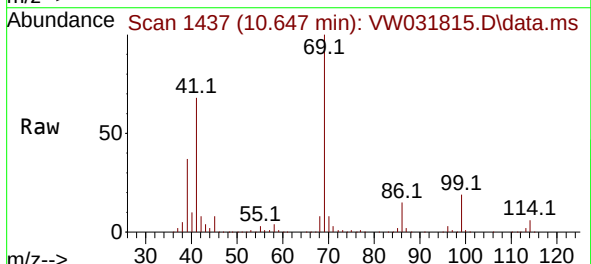
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

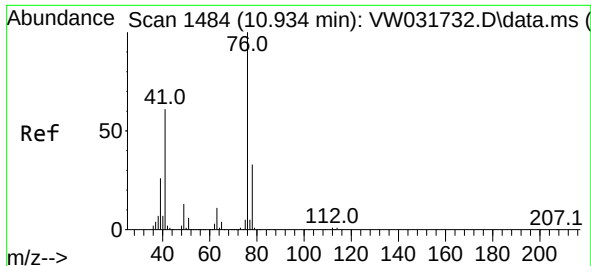
Tgt Ion:	97	Resp:	122974
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.9	100.3
85	52.8	41.1	61.7
99	57.7	46.6	69.8



#56
Ethyl methacrylate
Concen: 58.286 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:	69	Resp:	176460
Ion	Ratio	Lower	Upper
69	100		
41	68.4	53.3	79.9
39	36.1	30.2	45.2





#57

1,3-Dichloropropane

Concen: 55.515 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

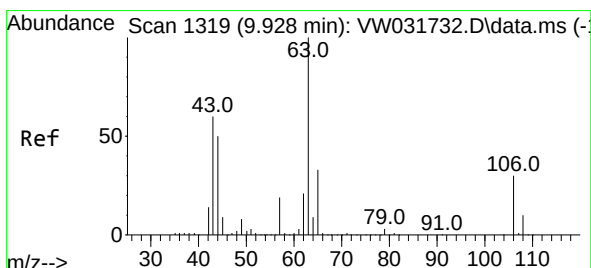
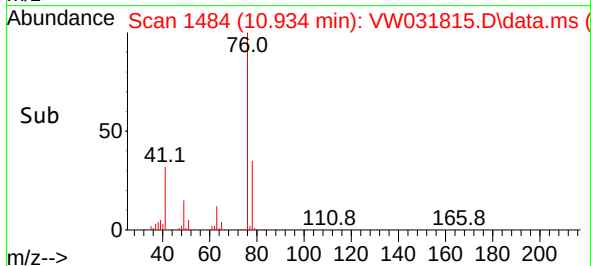
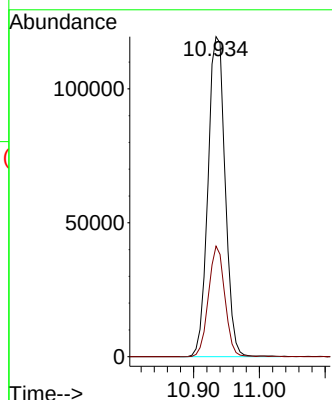
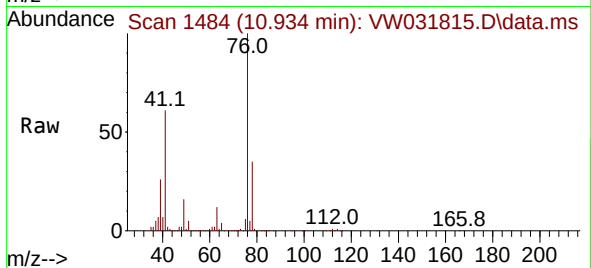
VSTDCCC050EC

Tgt Ion: 76 Resp: 217505

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 286.397 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031815.D

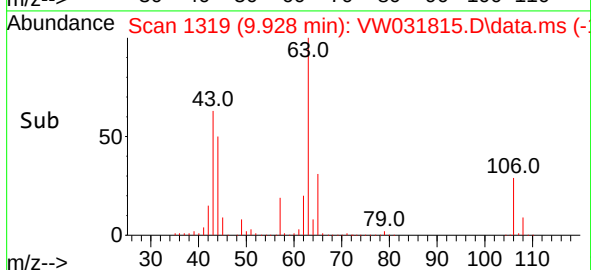
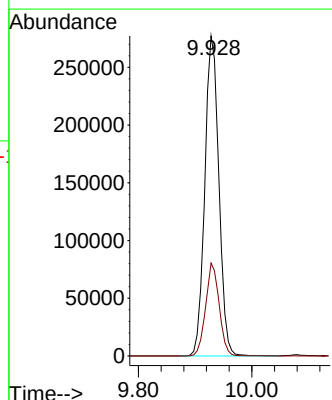
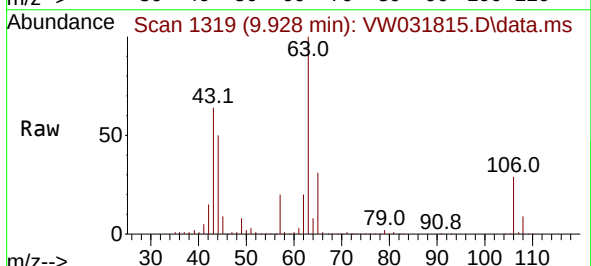
Acq: 10 Jul 2025 19:59

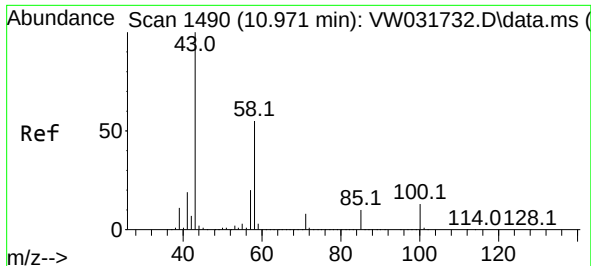
Tgt Ion: 63 Resp: 477447

Ion Ratio Lower Upper

63 100

106 27.9 24.1 36.1

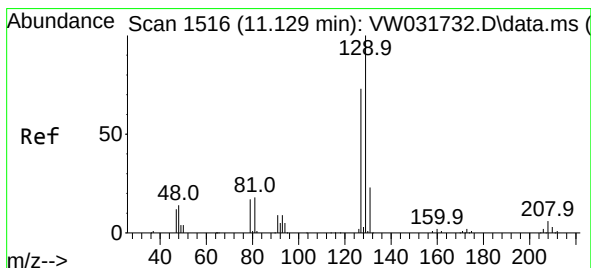
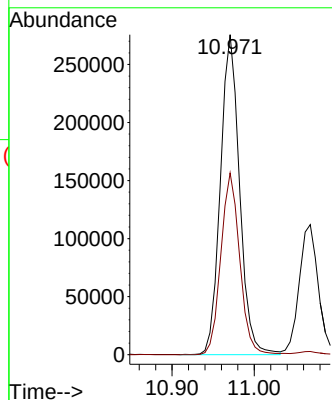
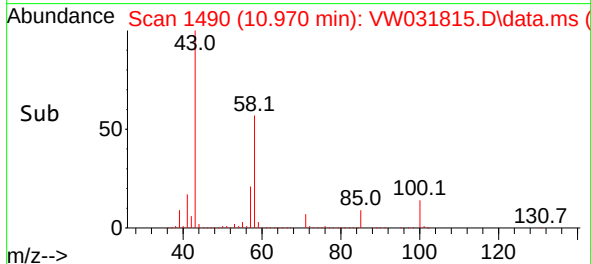
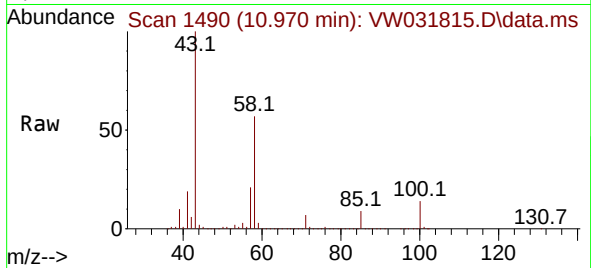




#59
2-Hexanone
Concen: 285.791 ug/l
RT: 10.970 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

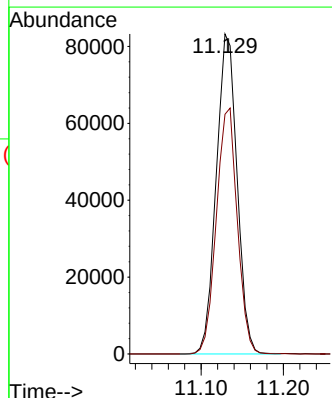
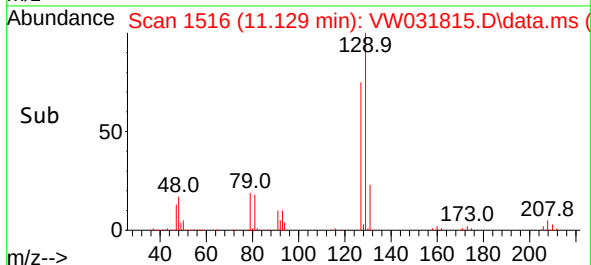
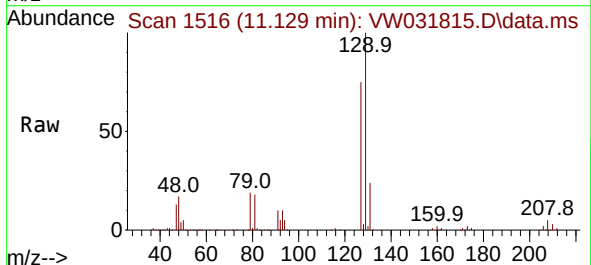
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

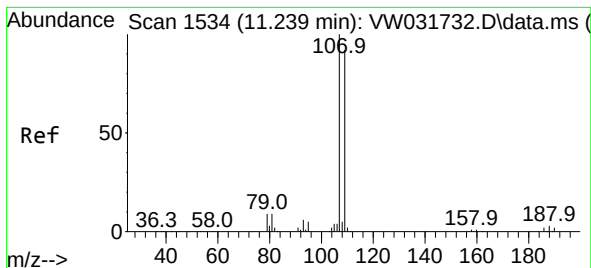
Tgt Ion: 43 Resp: 446782
Ion Ratio Lower Upper
43 100
58 56.0 27.9 83.6



#60
Dibromochloromethane
Concen: 54.848 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 129 Resp: 146364
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1

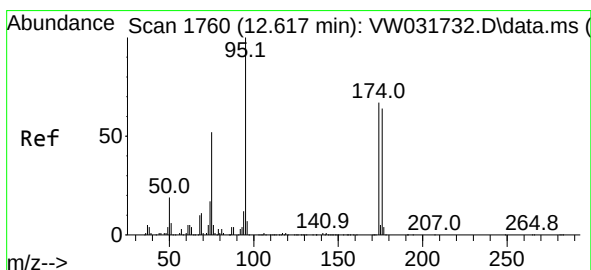
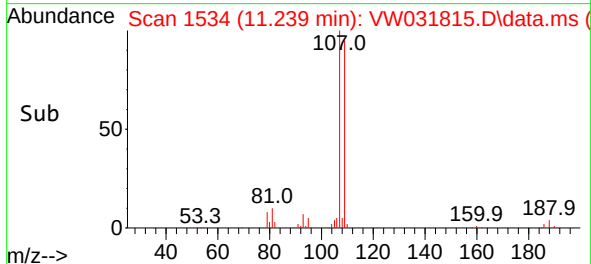
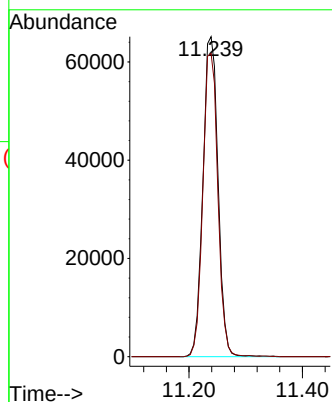
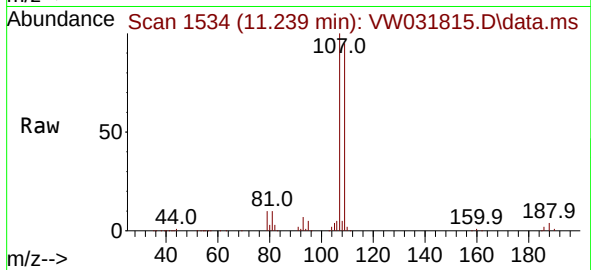




#61
1,2-Dibromoethane
Concen: 54.067 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

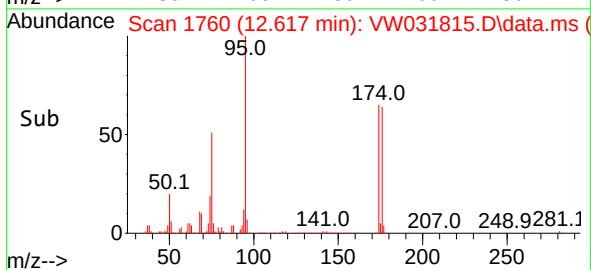
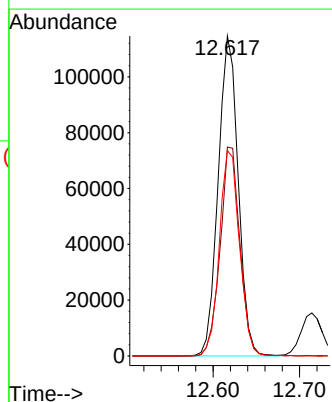
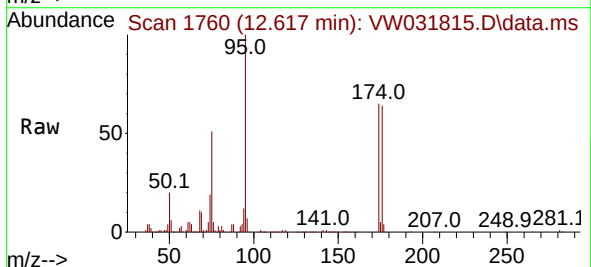
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

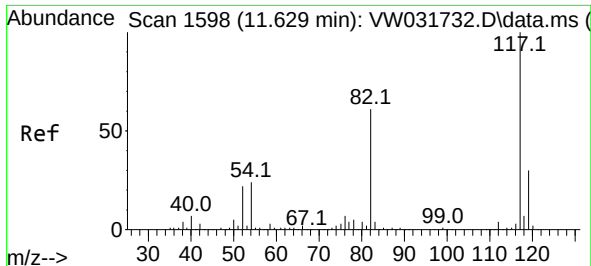
Tgt Ion:107 Resp: 120786
Ion Ratio Lower Upper
107 100
109 93.6 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.661 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 95 Resp: 183915
Ion Ratio Lower Upper
95 100
174 64.7 0.0 133.8
176 64.6 0.0 126.0

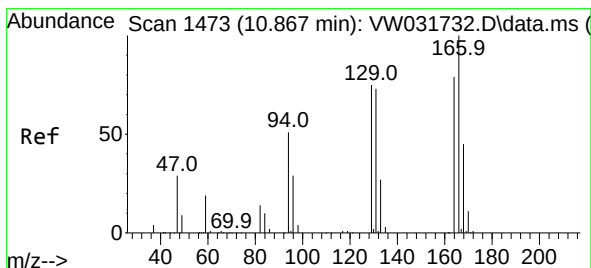
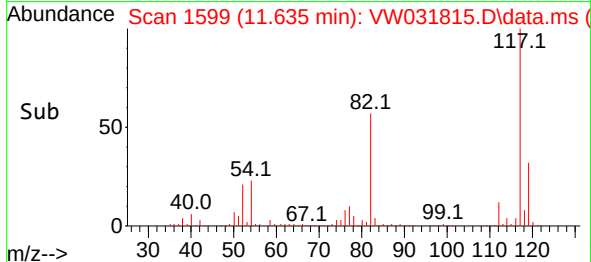
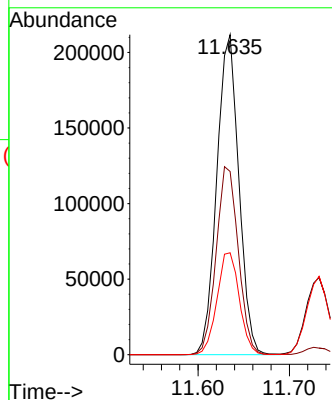
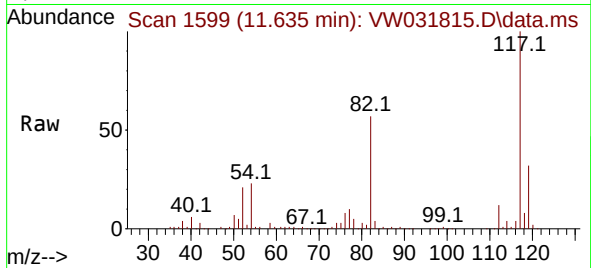




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

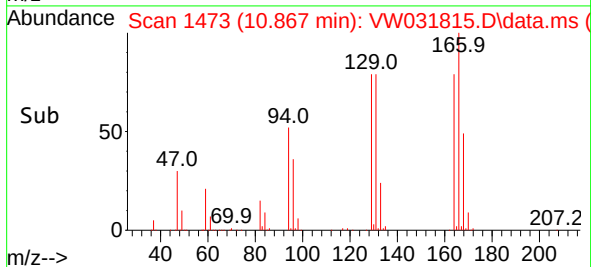
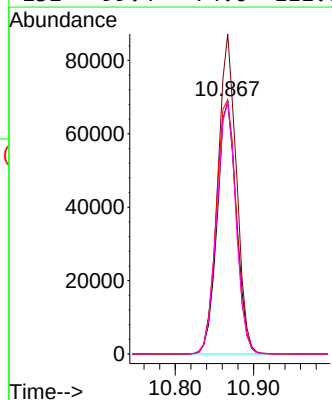
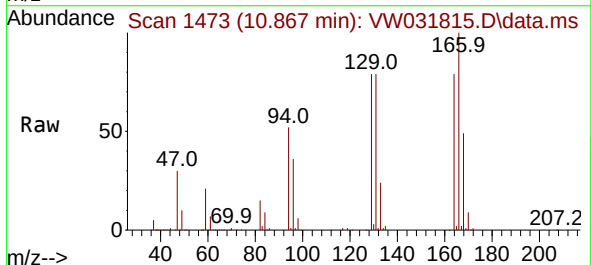
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

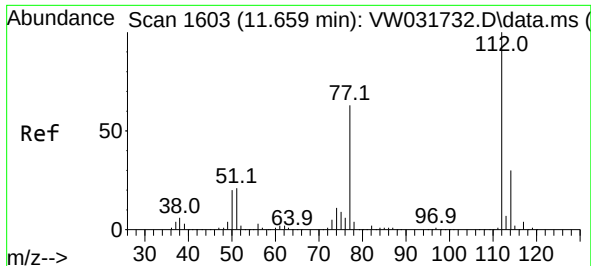
Tgt Ion:117 Resp: 355014
Ion Ratio Lower Upper
117 100
82 57.3 48.6 72.8
119 31.8 23.9 35.9



#64
Tetrachloroethene
Concen: 50.583 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:164 Resp: 117464
Ion Ratio Lower Upper
164 100
166 126.7 100.7 151.1
129 100.6 75.4 113.0
131 99.4 74.0 111.0

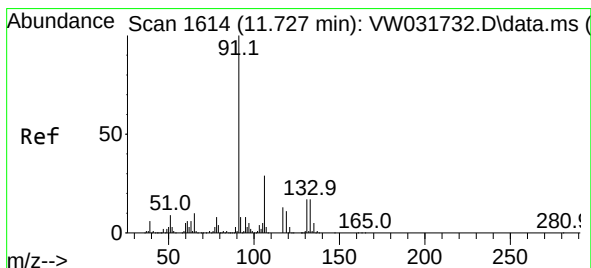
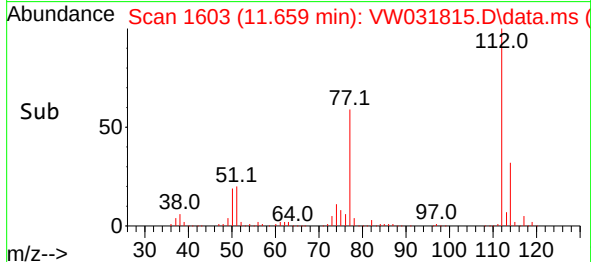
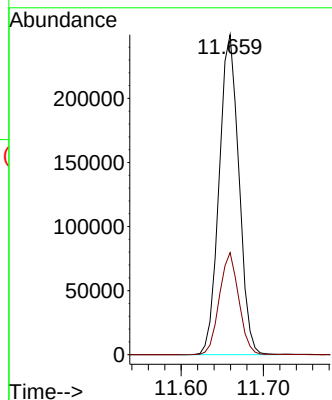
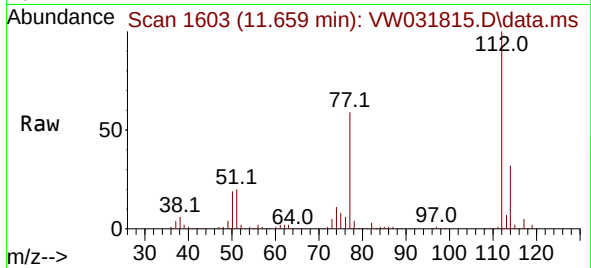




#65
Chlorobenzene
Concen: 53.308 ug/l
RT: 11.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

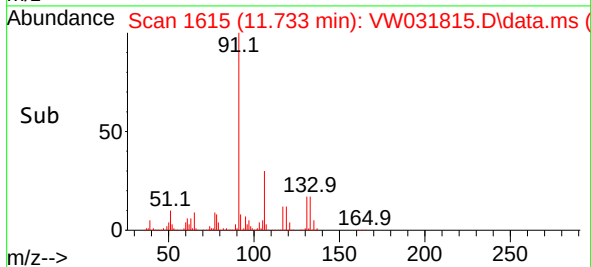
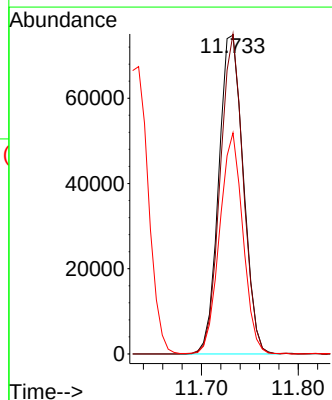
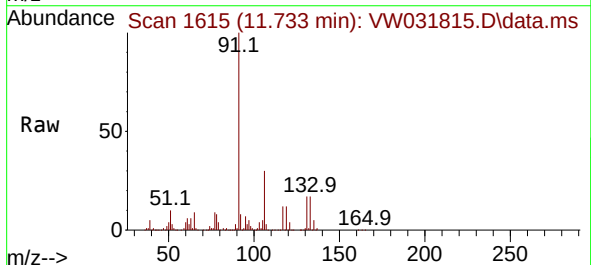
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

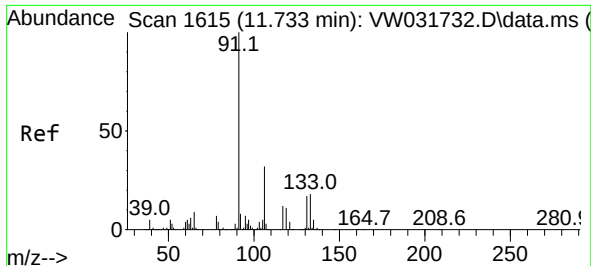
Tgt Ion:112 Resp: 417550
Ion Ratio Lower Upper
112 100
114 31.9 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.782 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:131 Resp: 131747
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.6
119 65.8 32.5 97.5





#67

Ethyl Benzene

Concen: 52.823 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

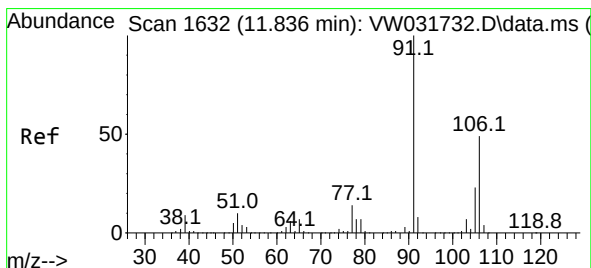
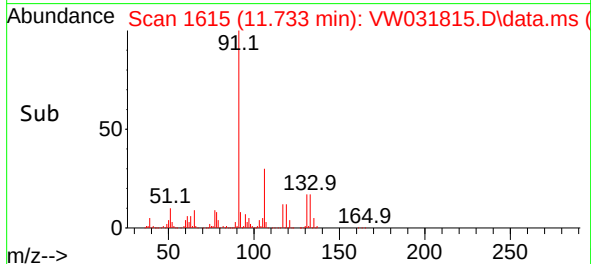
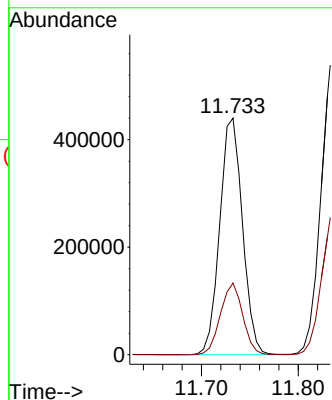
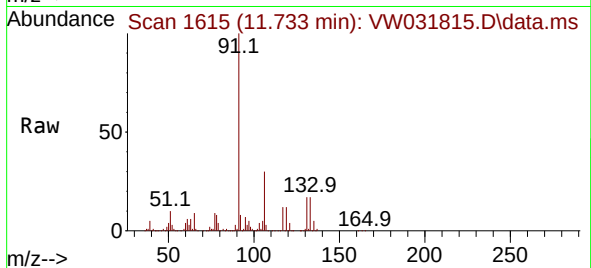
VSTDCCC050EC

Tgt Ion: 91 Resp: 717465

Ion Ratio Lower Upper

91 100

106 30.3 25.4 38.2



#68

m/p-Xylenes

Concen: 104.409 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031815.D

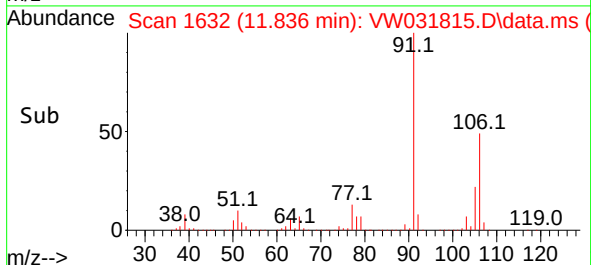
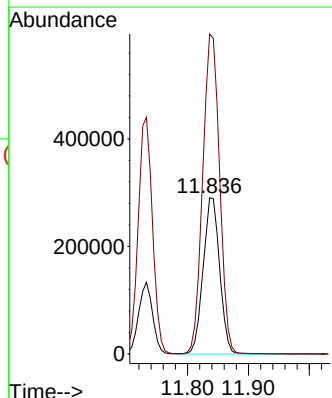
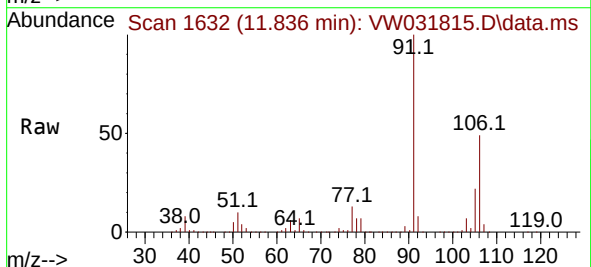
Acq: 10 Jul 2025 19:59

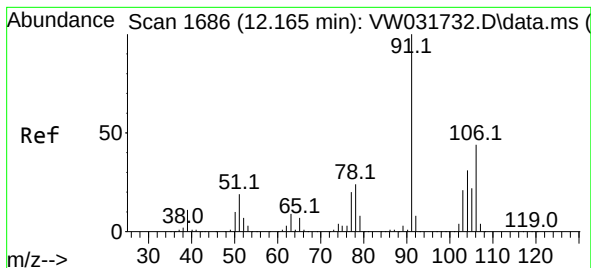
Tgt Ion:106 Resp: 545152

Ion Ratio Lower Upper

106 100

91 210.5 166.4 249.6





#69

o-Xylene

Concen: 53.623 ug/l

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

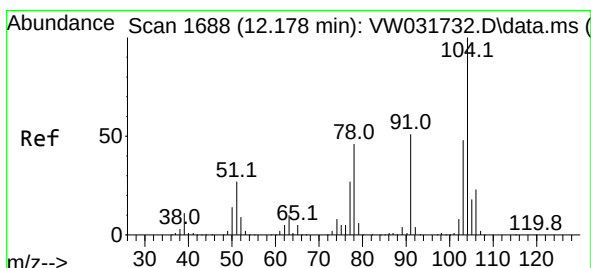
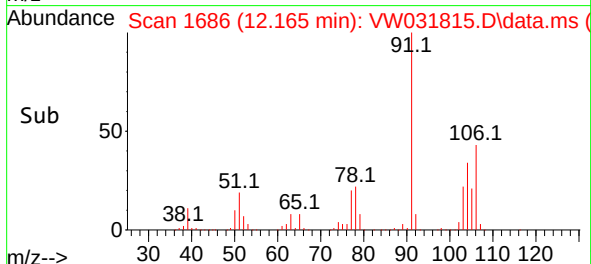
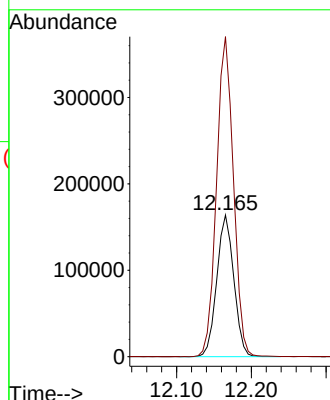
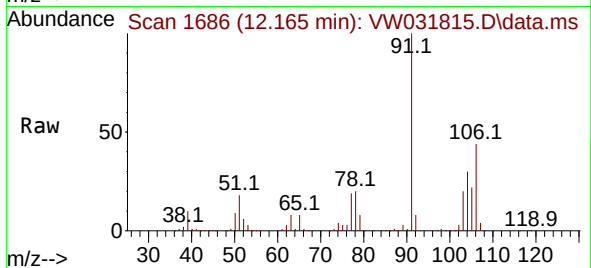
VSTDCCC050EC

Tgt Ion:106 Resp: 259232

Ion Ratio Lower Upper

106 100

91 224.1 111.5 334.4



#70

Styrene

Concen: 54.936 ug/l

RT: 12.184 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

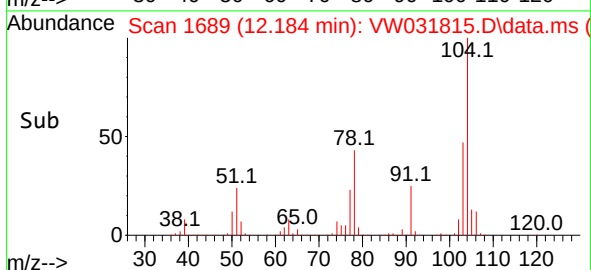
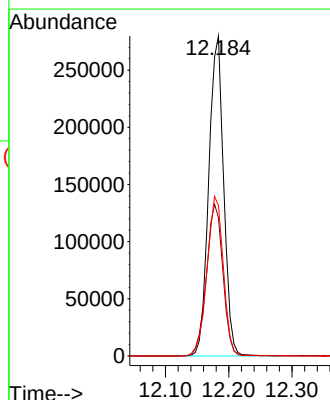
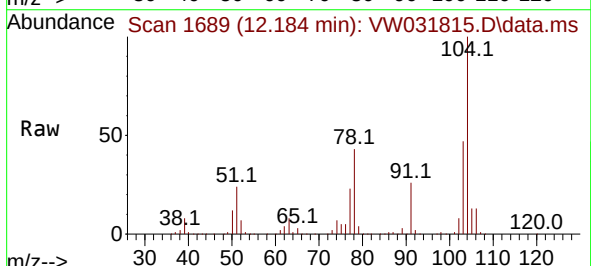
Tgt Ion:104 Resp: 459126

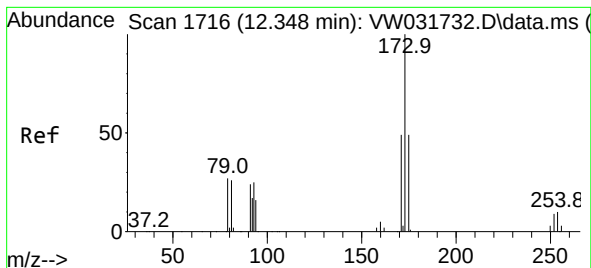
Ion Ratio Lower Upper

104 100

78 52.5 42.1 63.1

103 54.3 43.0 64.6





#71

Bromoform

Concen: 54.184 ug/l

RT: 12.348 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

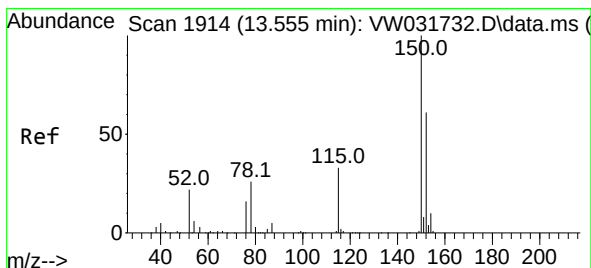
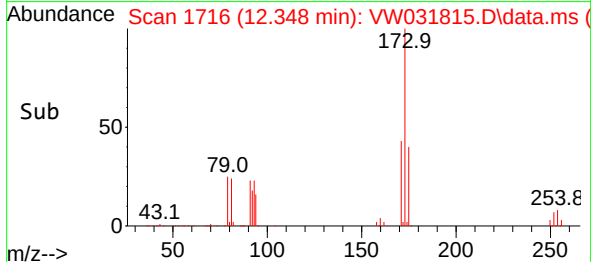
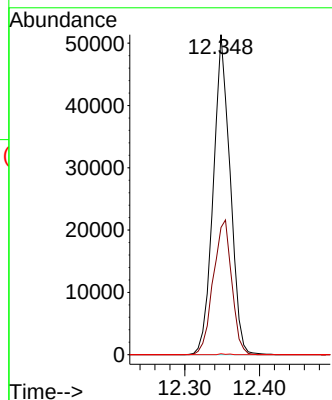
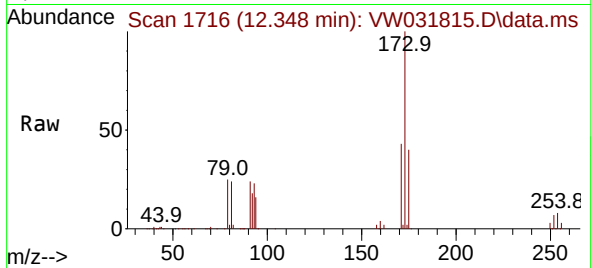
Tgt Ion:173 Resp: 80682

Ion Ratio Lower Upper

173 100

175 46.0 24.0 72.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.562 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

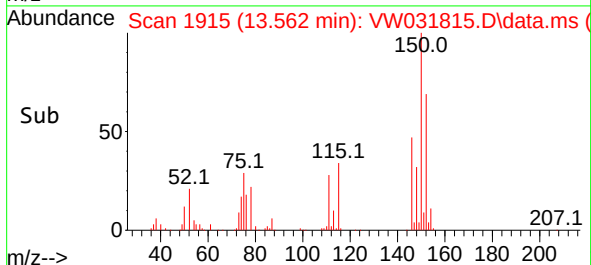
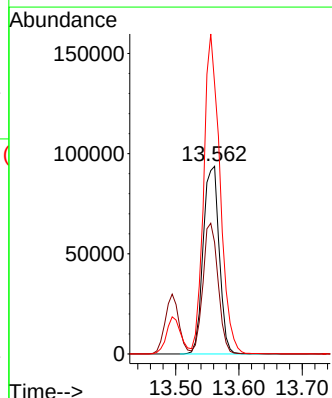
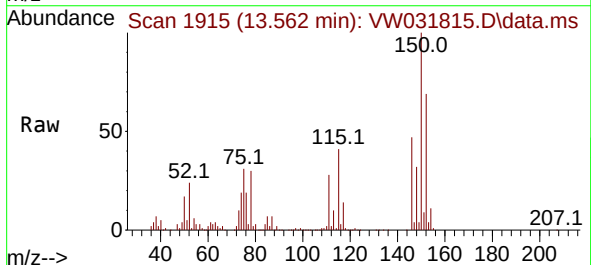
Tgt Ion:152 Resp: 165102

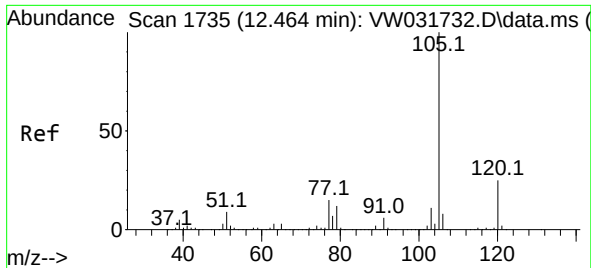
Ion Ratio Lower Upper

152 100

115 65.7 31.9 95.7

150 172.6 0.0 356.4

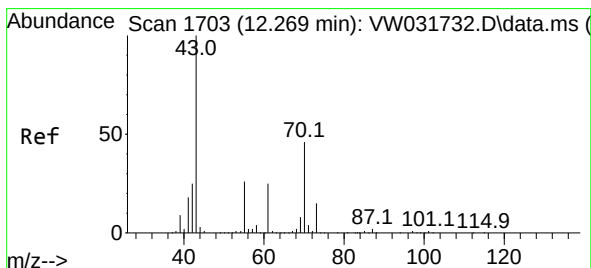
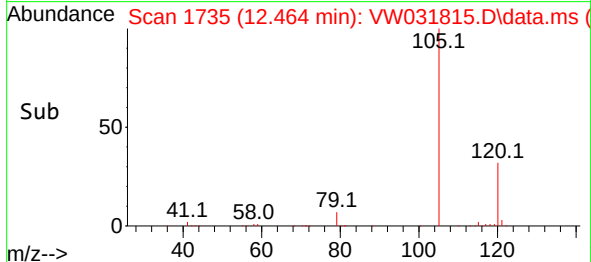
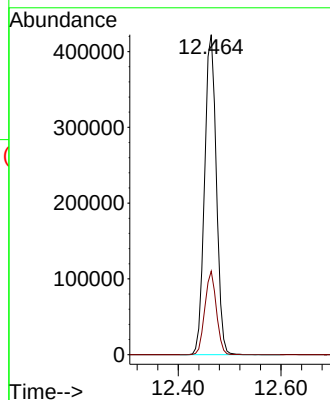
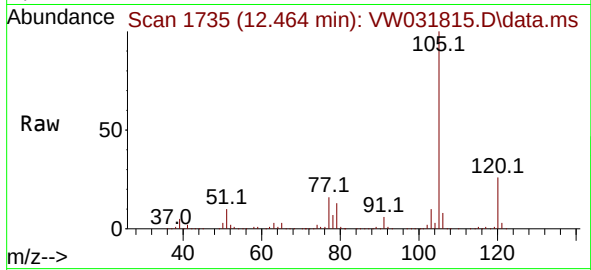




#73
Isopropylbenzene
Concen: 53.299 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

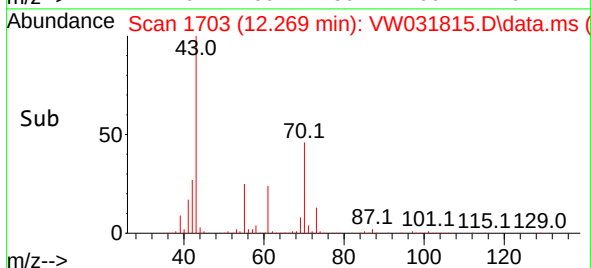
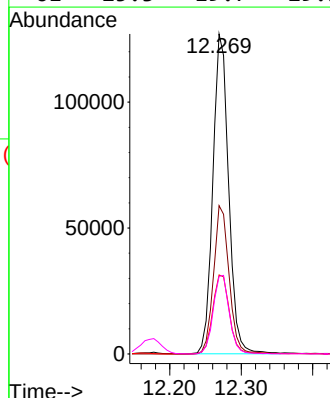
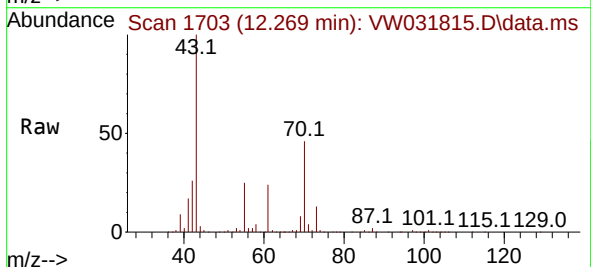
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

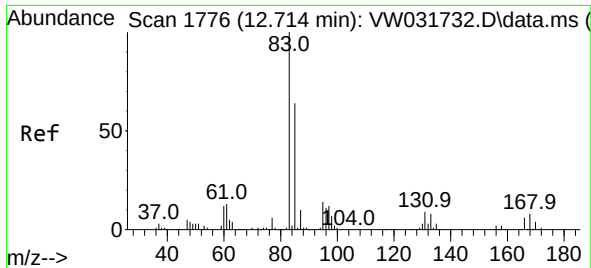
Tgt Ion:105 Resp: 669362
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 57.323 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 43 Resp: 194037
Ion Ratio Lower Upper
43 100
70 46.0 36.0 54.0
55 26.5 20.8 31.2
61 25.3 19.7 29.5

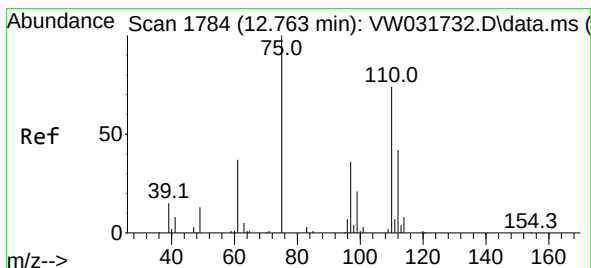
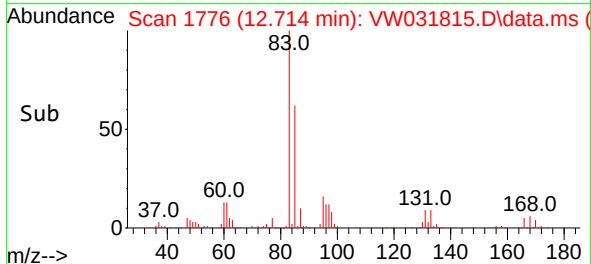
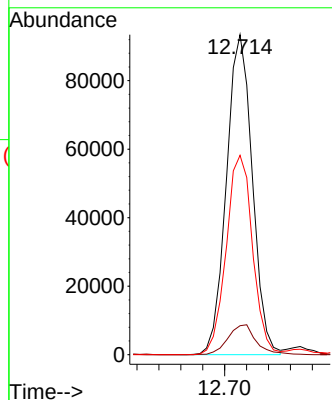
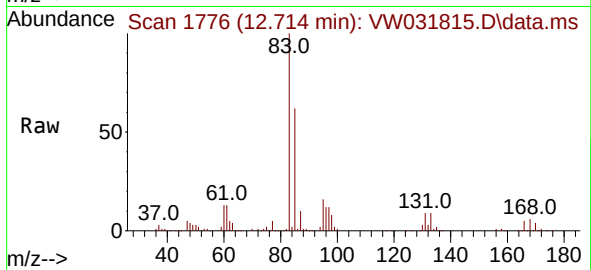




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.042 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. -0.000 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

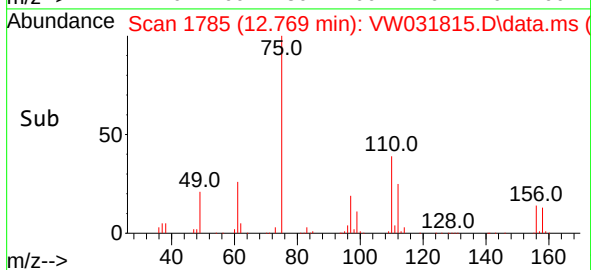
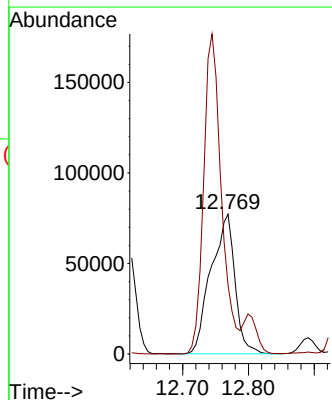
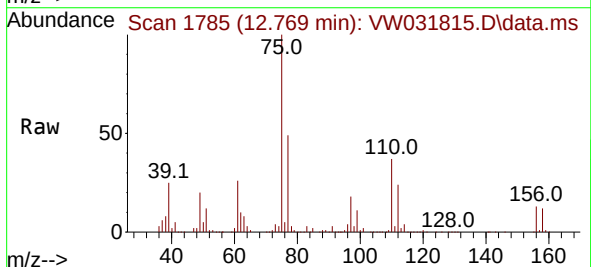
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

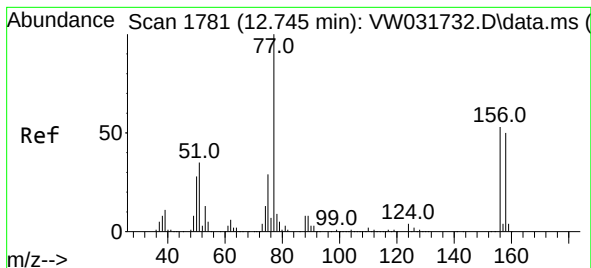
Tgt Ion: 83 Resp: 153463
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 16.1
 85 63.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 91.782 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VW031815.D
 Acq: 10 Jul 2025 19:59

Tgt Ion: 75 Resp: 195824
 Ion Ratio Lower Upper
 75 100
 77 0.0 141.2 423.6#





#77

Bromobenzene

Concen: 53.995 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

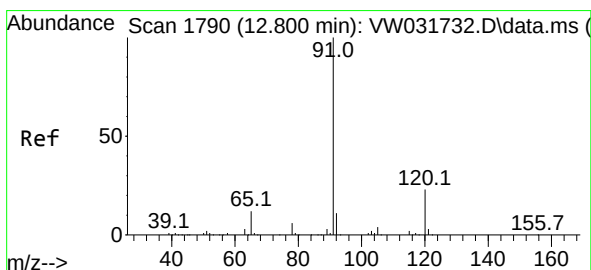
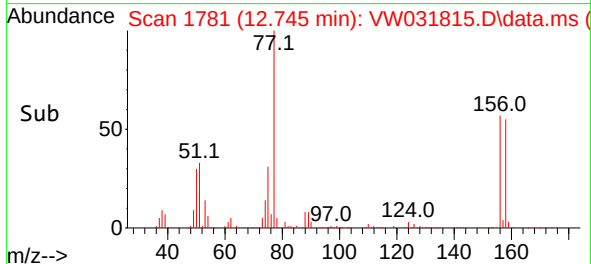
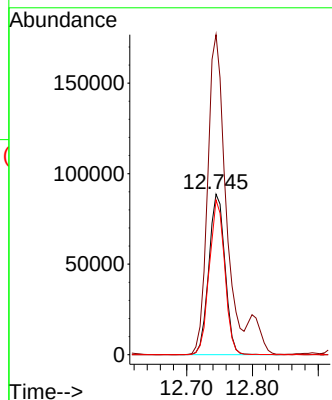
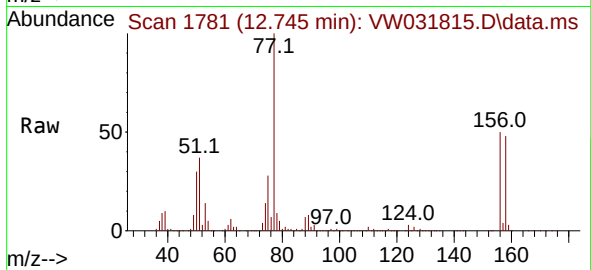
Tgt Ion:156 Resp: 151240

Ion Ratio Lower Upper

156 100

77 221.0 117.9 353.7

158 92.3 52.6 157.8



#78

n-propylbenzene

Concen: 53.975 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW031815.D

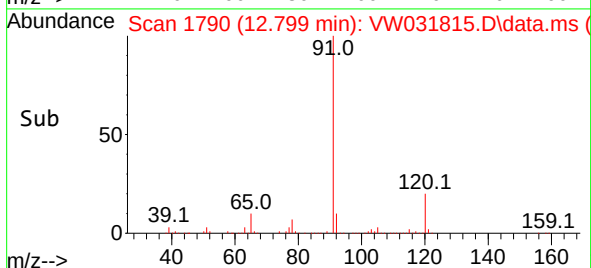
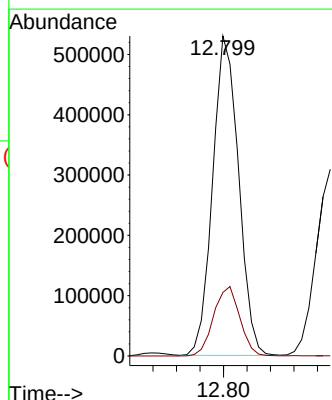
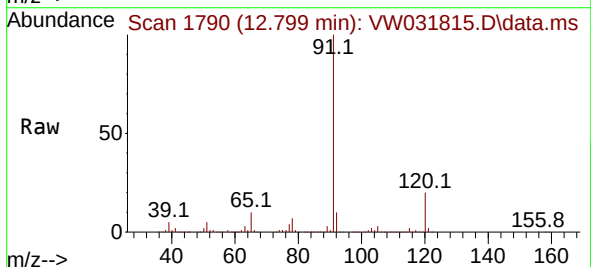
Acq: 10 Jul 2025 19:59

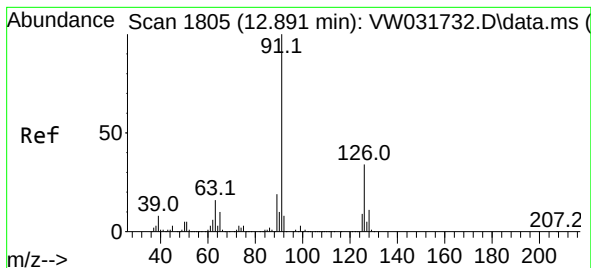
Tgt Ion: 91 Resp: 811703

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

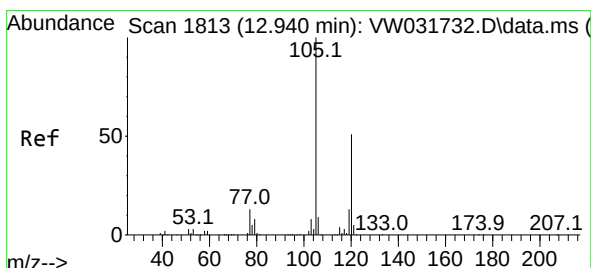
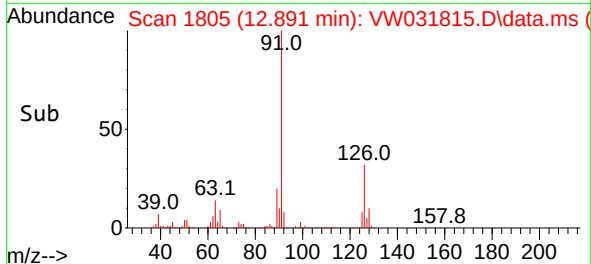
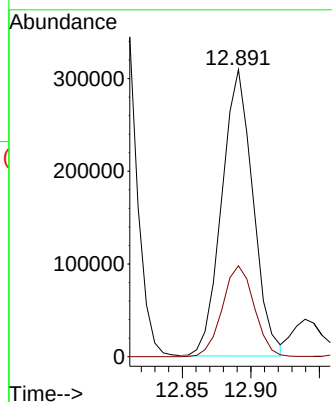
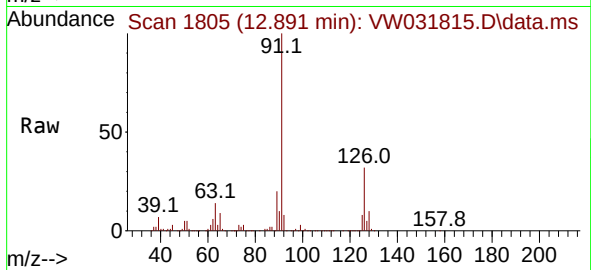




#79
2-Chlorotoluene
Concen: 54.142 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

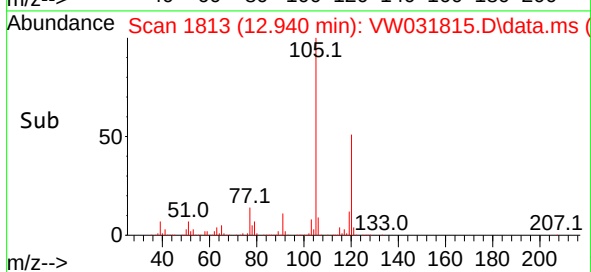
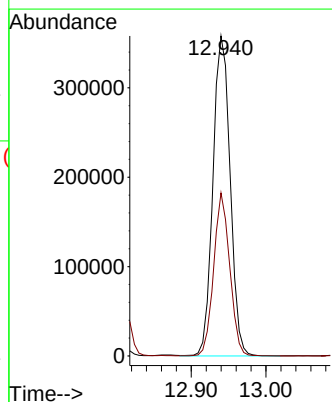
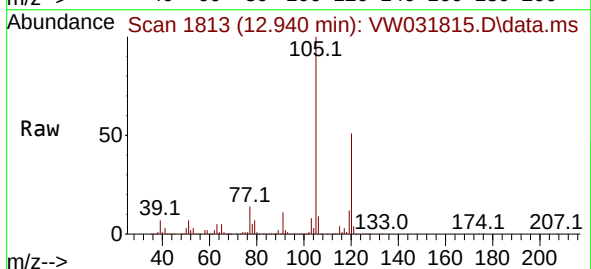
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

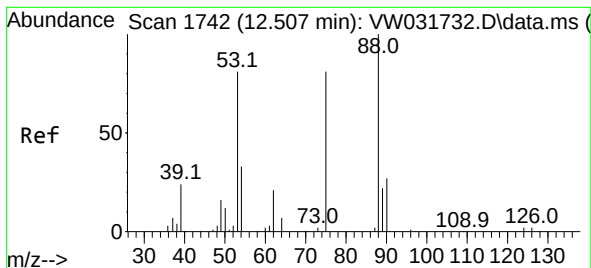
Tgt Ion: 91 Resp: 490300
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 55.047 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 105 Resp: 572236
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.2

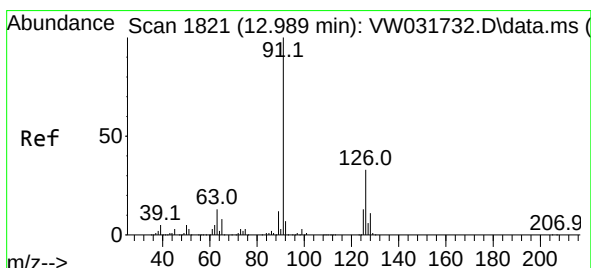
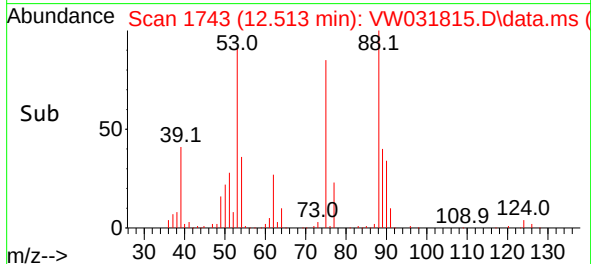
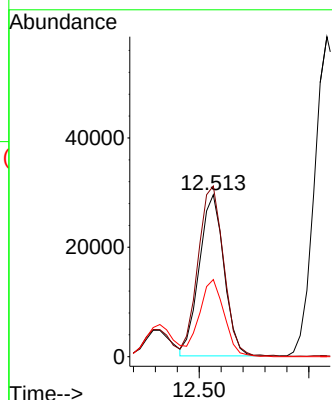
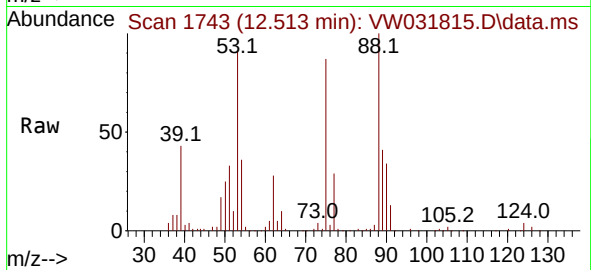




#81
trans-1,4-Dichloro-2-butene
Concen: 50.443 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

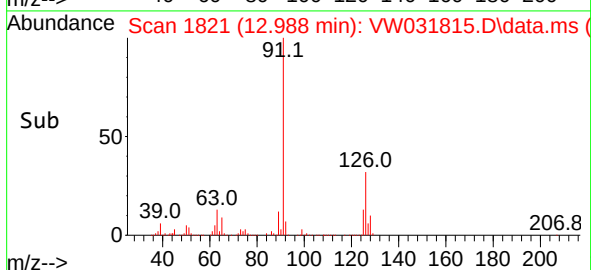
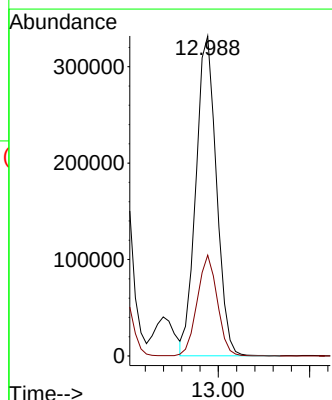
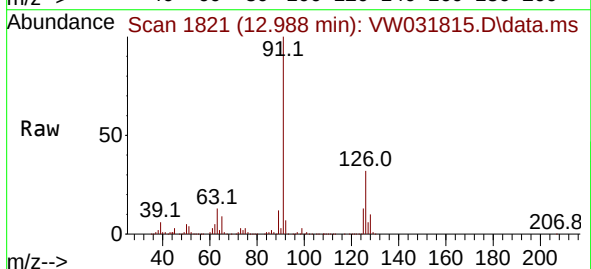
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

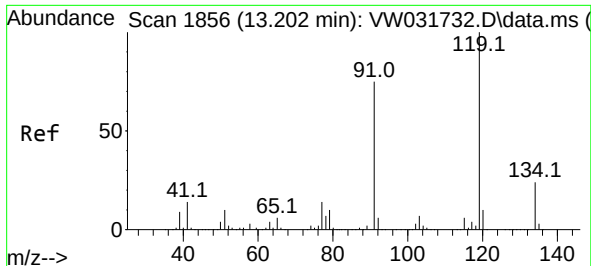
Tgt Ion: 75 Resp: 46207
Ion Ratio Lower Upper
75 100
53 110.0 83.5 125.3
89 47.4 38.3 57.5



#82
4-Chlorotoluene
Concen: 54.242 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion: 91 Resp: 515714
Ion Ratio Lower Upper
91 100
126 31.0 16.0 47.9

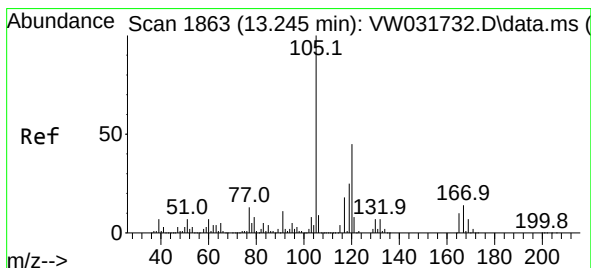
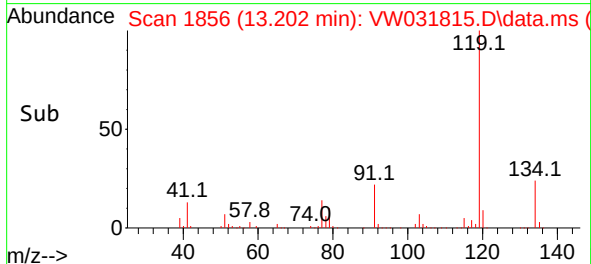
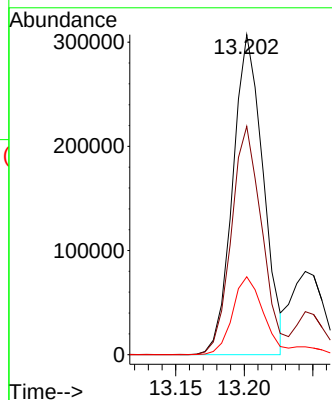
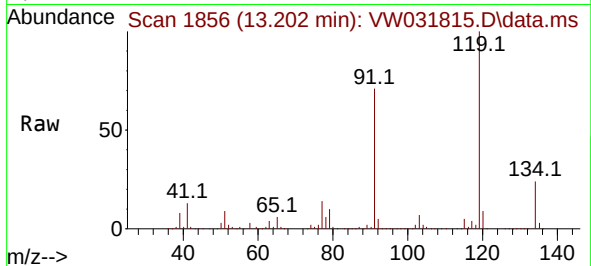




#83
tert-Butylbenzene
Concen: 53.341 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

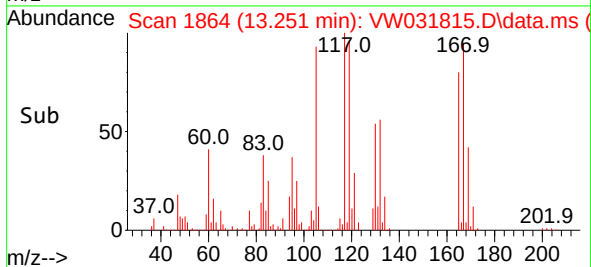
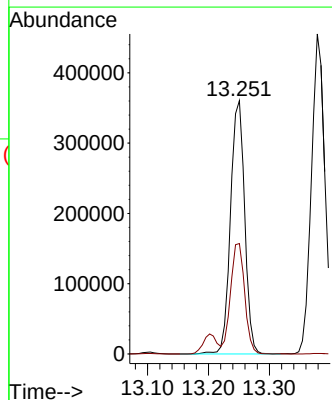
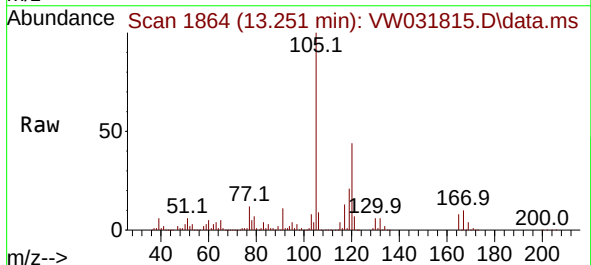
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

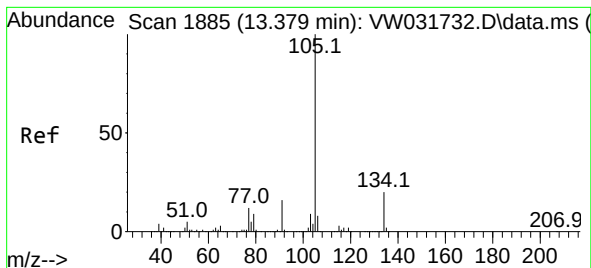
Tgt Ion:119 Resp: 474982
Ion Ratio Lower Upper
119 100
91 72.3 36.0 108.1
134 24.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 55.216 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:105 Resp: 581572
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 52.616 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

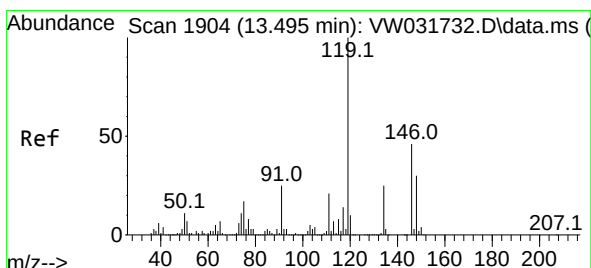
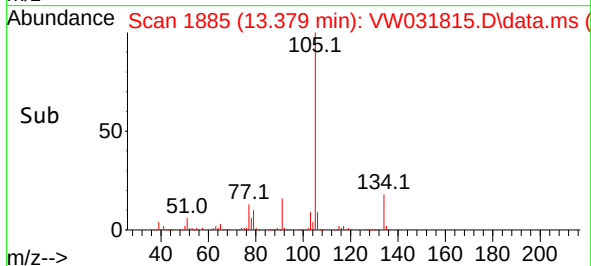
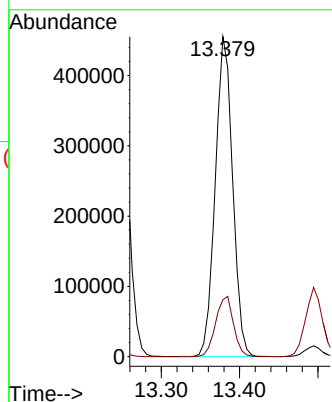
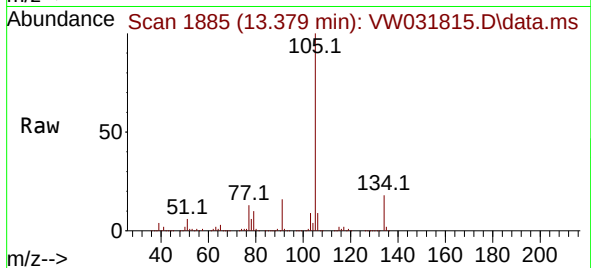
VSTDCCC050EC

Tgt Ion:105 Resp: 703235

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 52.484 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

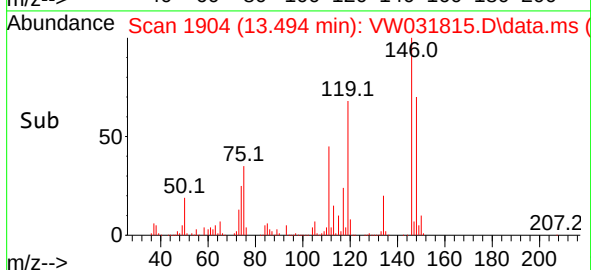
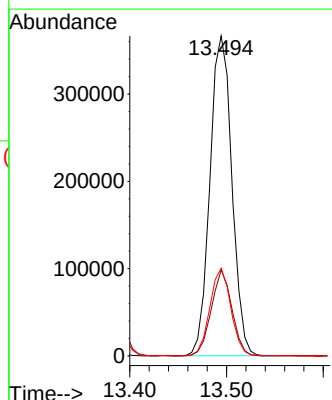
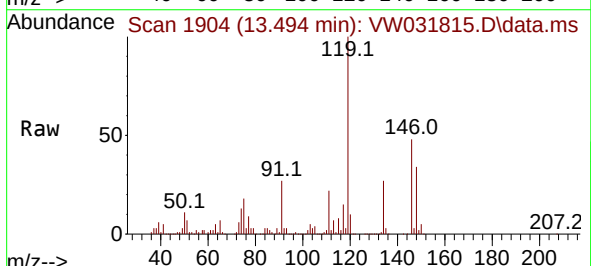
Tgt Ion:119 Resp: 578110

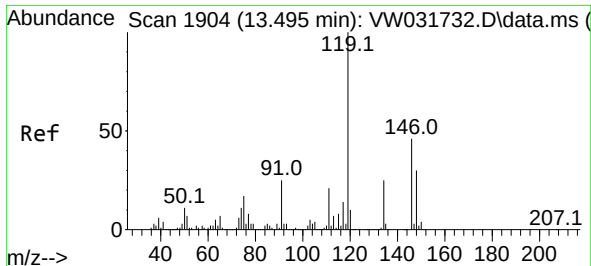
Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 26.1 12.7 38.0

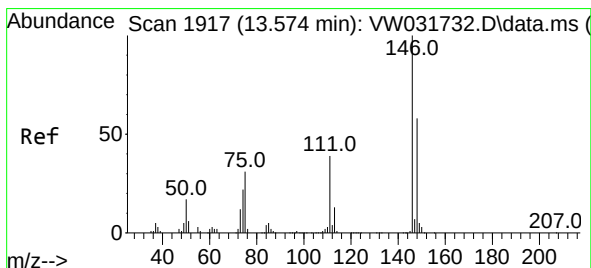
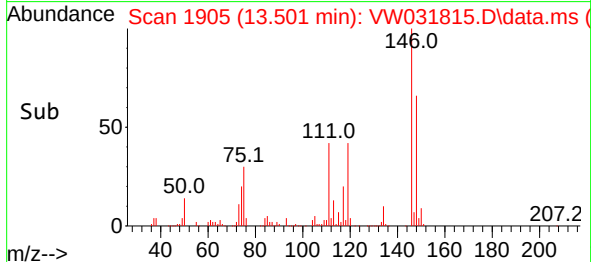
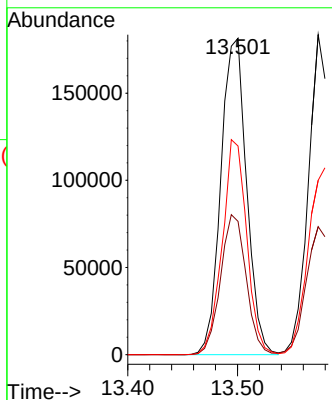
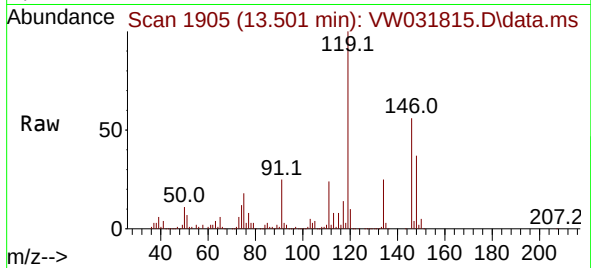




#87
1,3-Dichlorobenzene
Concen: 52.753 ug/l
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

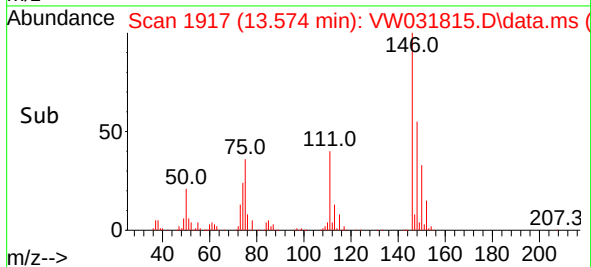
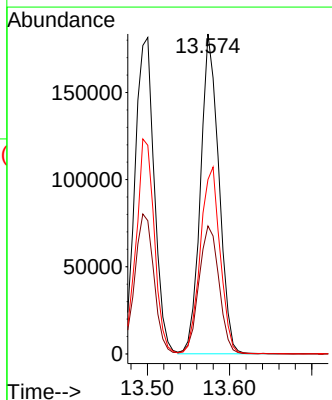
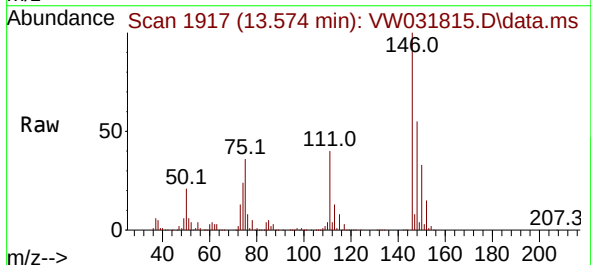
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

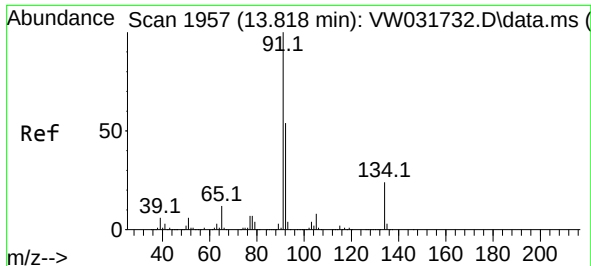
Tgt Ion:146 Resp: 296325
Ion Ratio Lower Upper
146 100
111 44.1 22.3 66.9
148 64.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.444 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:146 Resp: 284279
Ion Ratio Lower Upper
146 100
111 43.8 20.4 61.3
148 63.1 30.2 90.6





#89

n-Butylbenzene

Concen: 52.534 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

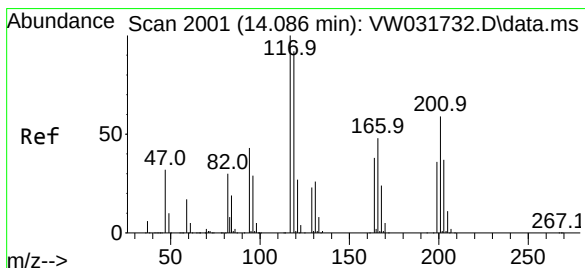
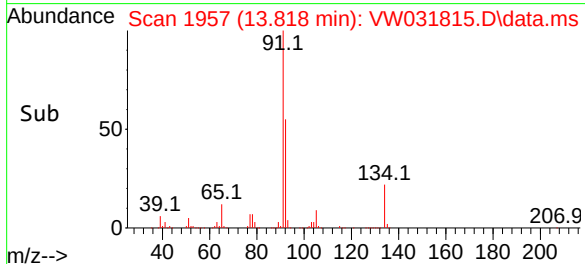
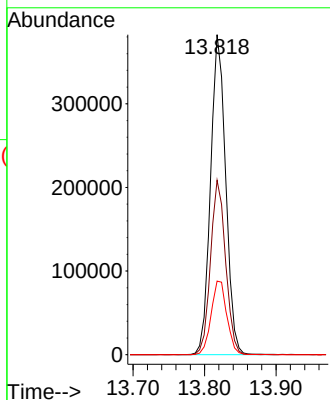
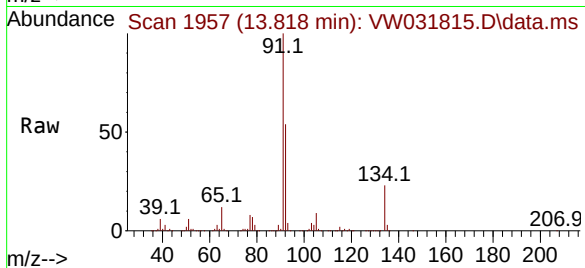
Tgt Ion: 91 Resp: 562229

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 23.9 12.2 36.6



#90

Hexachloroethane

Concen: 51.687 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031815.D

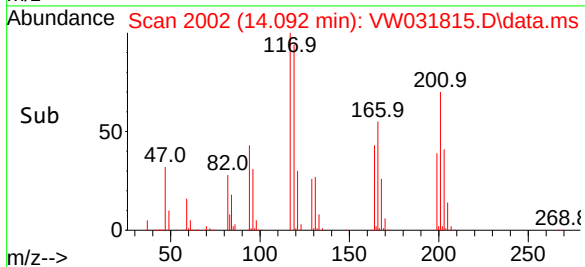
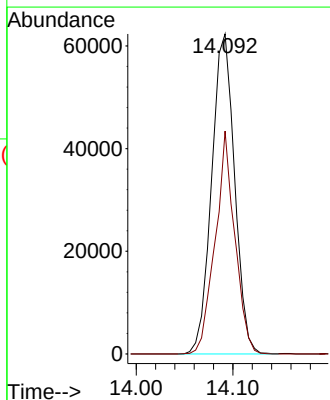
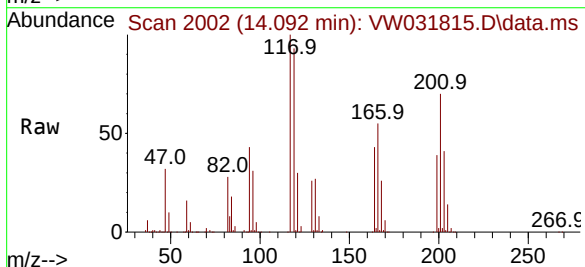
Acq: 10 Jul 2025 19:59

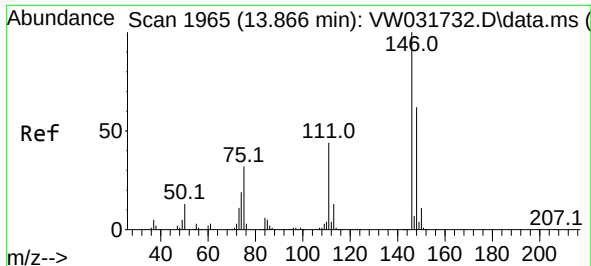
Tgt Ion: 117 Resp: 102713

Ion Ratio Lower Upper

117 100

201 59.7 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 52.823 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

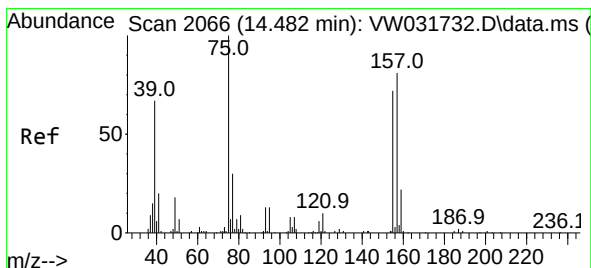
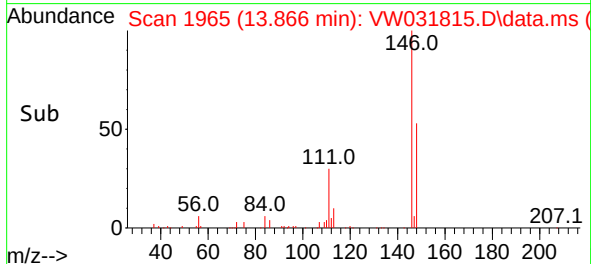
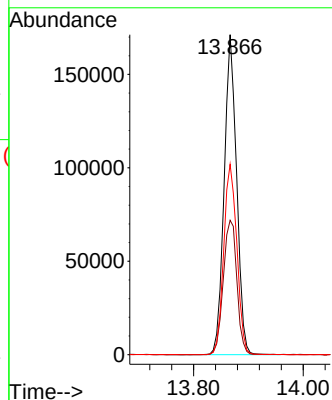
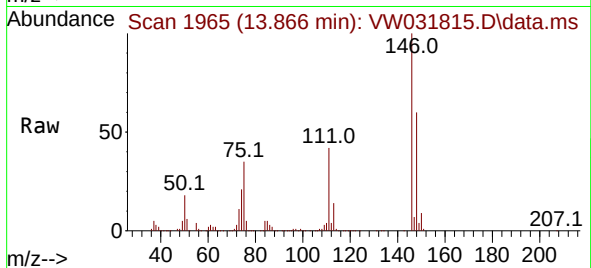
Tgt Ion:146 Resp: 271199

Ion Ratio Lower Upper

146 100

111 45.9 21.7 65.1

148 62.8 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.108 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

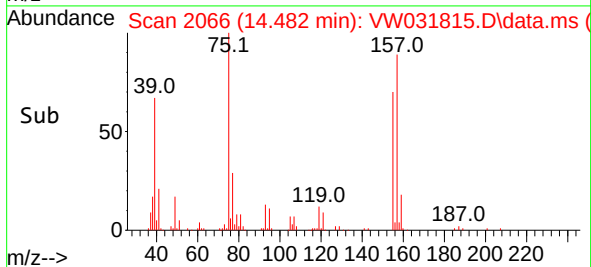
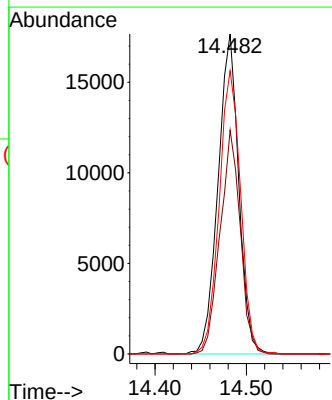
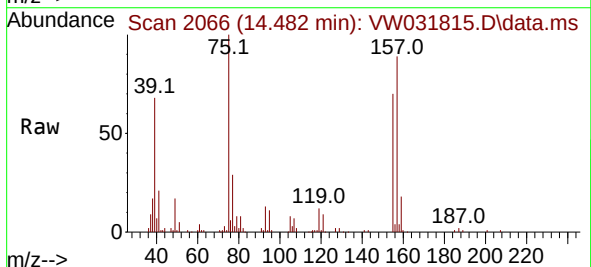
Tgt Ion: 75 Resp: 27823

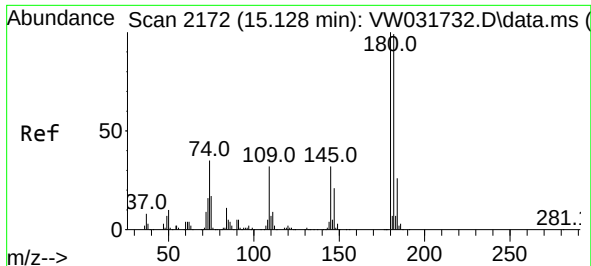
Ion Ratio Lower Upper

75 100

155 68.2 37.2 111.6

157 91.5 45.6 136.9

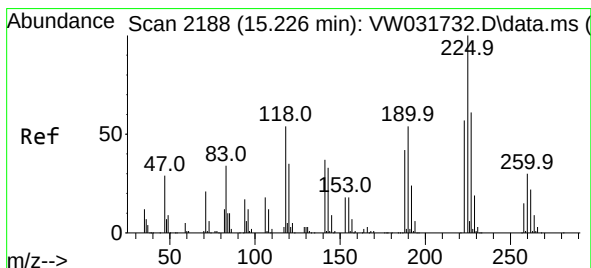
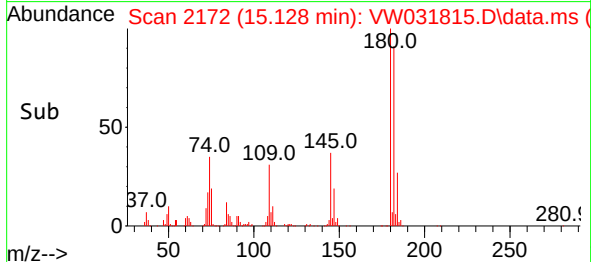
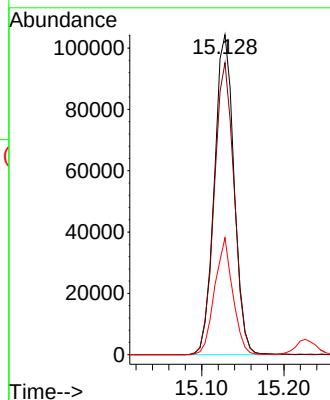
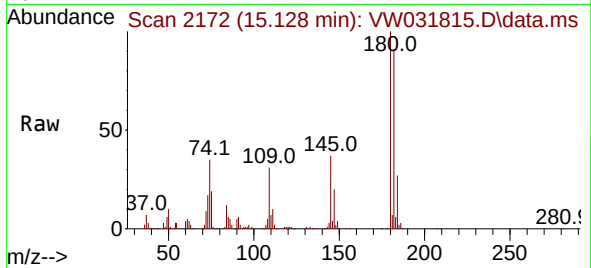




#93
1,2,4-Trichlorobenzene
Concen: 54.728 ug/l
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

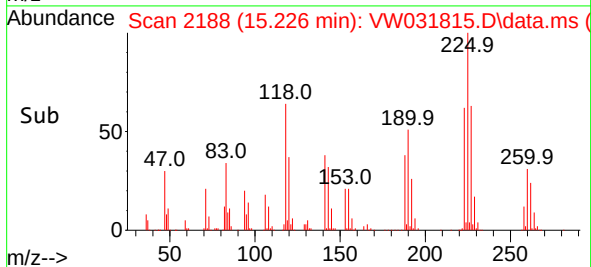
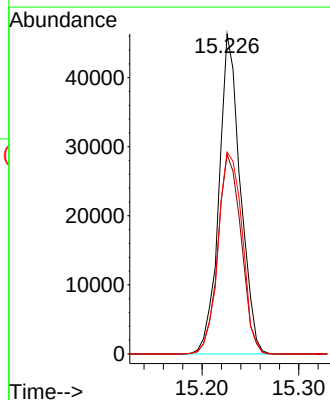
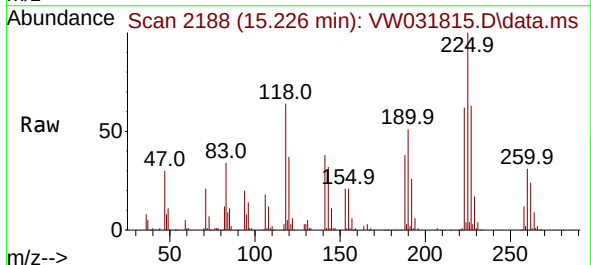
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

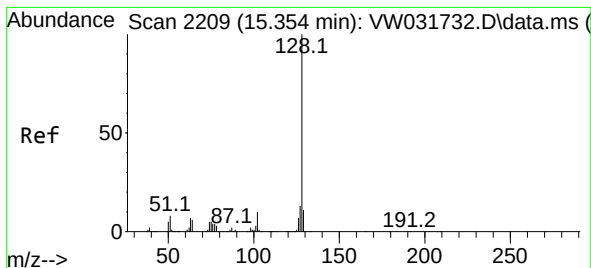
Tgt Ion:180 Resp: 173286
Ion Ratio Lower Upper
180 100
182 92.7 48.6 145.9
145 33.8 17.3 51.7



#94
Hexachlorobutadiene
Concen: 46.419 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW031815.D
Acq: 10 Jul 2025 19:59

Tgt Ion:225 Resp: 70972
Ion Ratio Lower Upper
225 100
223 67.9 32.6 97.8
227 71.3 37.3 111.8





#95

Naphthalene

Concen: 57.038 ug/l

RT: 15.360 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

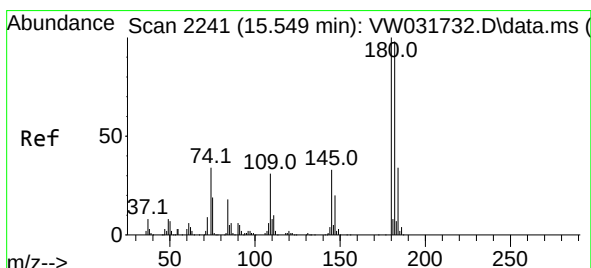
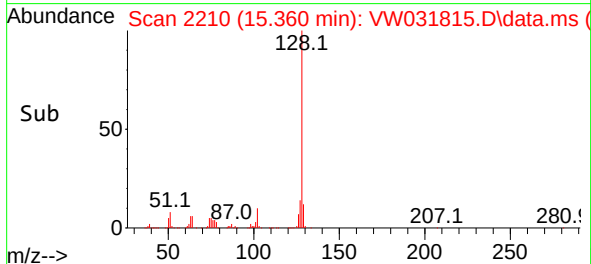
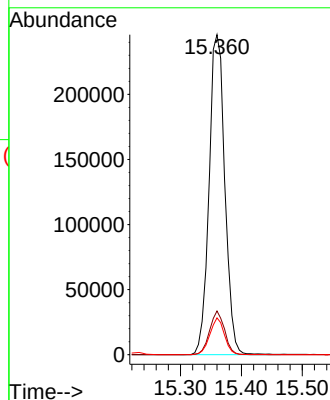
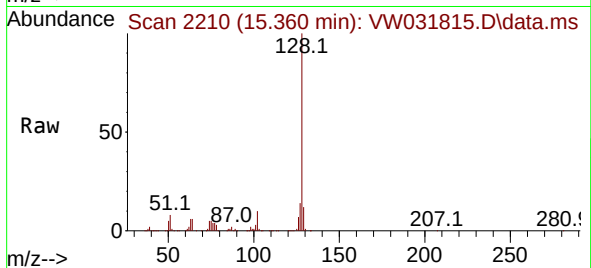
Tgt Ion:128 Resp: 442766

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.204 ug/l

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW031815.D

Acq: 10 Jul 2025 19:59

Tgt Ion:180 Resp: 148972

Ion Ratio Lower Upper

180 100

182 96.5 46.4 139.1

145 38.9 17.8 53.3

