

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032322.D
 Acq On : 02 Oct 2025 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	303983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	550095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	496155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	241629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209066	47.153	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.300%
35) Dibromofluoromethane	7.898	113	172865	48.524	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.040%
50) Toluene-d8	10.325	98	661183	50.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.617	95	242552	48.807	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	79871	41.871	ug/l	95
3) Chloromethane	2.253	50	126543	42.993	ug/l	97
4) Vinyl Chloride	2.405	62	179230	51.005	ug/l	93
5) Bromomethane	2.820	94	121357	46.995	ug/l	95
6) Chloroethane	2.966	64	113961	49.122	ug/l	100
7) Trichlorofluoromethane	3.302	101	124514	47.326	ug/l	93
8) Diethyl Ether	3.722	74	111365	48.847	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	157649	49.957	ug/l	93
10) Methyl Iodide	4.301	142	227880	50.610	ug/l	98
11) Tert butyl alcohol	5.204	59	90176	268.695	ug/l	95
12) 1,1-Dichloroethene	4.070	96	176001	51.373	ug/l	97
13) Acrolein	3.929	56	124133	227.904	ug/l	99
14) Allyl chloride	4.698	41	294731	50.934	ug/l	90
15) Acrylonitrile	5.393	53	288905	243.584	ug/l	98
16) Acetone	4.155	43	307908	250.804	ug/l	99
17) Carbon Disulfide	4.423	76	490993	52.526	ug/l	99
18) Methyl Acetate	4.704	43	153265	43.581	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	341192	50.564	ug/l	97
20) Methylene Chloride	4.948	84	220995	54.902	ug/l	93
21) trans-1,2-Dichloroethene	5.454	96	189747	50.025	ug/l	97
22) Diisopropyl ether	6.338	45	608801	50.588	ug/l	94
23) Vinyl Acetate	6.277	43	2077691	258.478	ug/l	99
24) 1,1-Dichloroethane	6.240	63	359603	49.184	ug/l	98
25) 2-Butanone	7.191	43	401861	240.342	ug/l	99
26) 2,2-Dichloropropane	7.185	77	202030	54.021	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	225769	49.547	ug/l	94
28) Bromochloromethane	7.526	49	163748	47.603	ug/l	87
29) Tetrahydrofuran	7.551	42	254385	241.927	ug/l	95
30) Chloroform	7.691	83	367490	49.561	ug/l	99
31) Cyclohexane	7.971	56	300667	48.170	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	273266	52.008	ug/l	100
36) 1,1-Dichloropropene	8.099	75	260514	51.816	ug/l	98
37) Ethyl Acetate	7.270	43	170574	50.971	ug/l	97
38) Carbon Tetrachloride	8.081	117	250420	52.930	ug/l	96
39) Methylcyclohexane	9.343	83	325576	53.686	ug/l	95
40) Benzene	8.337	78	785060	49.816	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	88641	49.150	ug/l	94
42) 1,2-Dichloroethane	8.410	62	253302	49.123	ug/l	99
43) Isopropyl Acetate	8.435	43	303008	51.041	ug/l	99
44) Trichloroethene	9.099	130	180003	48.781	ug/l	95
45) 1,2-Dichloropropane	9.374	63	194753	49.511	ug/l	98
46) Dibromomethane	9.465	93	117887	48.738	ug/l	97
47) Bromodichloromethane	9.648	83	283409	51.228	ug/l	98
48) Methyl methacrylate	9.441	41	145446	50.390	ug/l #	91
49) 1,4-Dioxane	9.465	88	31952	966.470	ug/l #	83
51) 4-Methyl-2-Pentanone	10.209	43	861879	250.657	ug/l	100
52) Toluene	10.392	92	503498	51.305	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	276167	51.454	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	321960	52.076	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	161062	49.822	ug/l	97
56) Ethyl methacrylate	10.648	69	235930	52.141	ug/l	95
57) 1,3-Dichloropropane	10.934	76	284160	49.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	623659	258.981	ug/l	97
59) 2-Hexanone	10.971	43	615946	253.986	ug/l	99
60) Dibromochloromethane	11.129	129	182317	49.668	ug/l	97
61) 1,2-Dibromoethane	11.239	107	159667	50.652	ug/l	100
64) Tetrachloroethene	10.861	164	148353	49.970	ug/l	95
65) Chlorobenzene	11.654	112	548498	50.244	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	175734	51.684	ug/l	98
67) Ethyl Benzene	11.727	91	962613	52.900	ug/l	97
68) m/p-Xylenes	11.837	106	739215	105.349	ug/l	99
69) o-Xylene	12.166	106	342966	52.266	ug/l	99
70) Styrene	12.178	104	606232	52.915	ug/l	98
71) Bromoform	12.349	173	96579	49.554	ug/l #	100
73) Isopropylbenzene	12.458	105	886623	53.633	ug/l	98
74) N-amyl acetate	12.269	43	279636	53.025	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	202120	49.242	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	260816	82.025	ug/l	39
77) Bromobenzene	12.745	156	199369	50.031	ug/l	89
78) n-propylbenzene	12.800	91	1093992	52.979	ug/l	98
79) 2-Chlorotoluene	12.891	91	644701	51.061	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	741535	51.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	67346	53.655	ug/l	91
82) 4-Chlorotoluene	12.989	91	669810	49.898	ug/l	100
83) tert-Butylbenzene	13.202	119	632261	53.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	756773	52.065	ug/l	100
85) sec-Butylbenzene	13.379	105	919404	51.296	ug/l	99
86) p-Isopropyltoluene	13.495	119	783843	52.706	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	396852	49.181	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	397095	49.216	ug/l	99
89) n-Butylbenzene	13.818	91	770708	53.077	ug/l	99
90) Hexachloroethane	14.086	117	137562	51.605	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	363209	49.794	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	35018	48.727	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	223003	50.984	ug/l	98
94) Hexachlorobutadiene	15.226	225	98260	49.136	ug/l	96
95) Naphthalene	15.360	128	555474	52.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	215393	52.246	ug/l	97

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QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

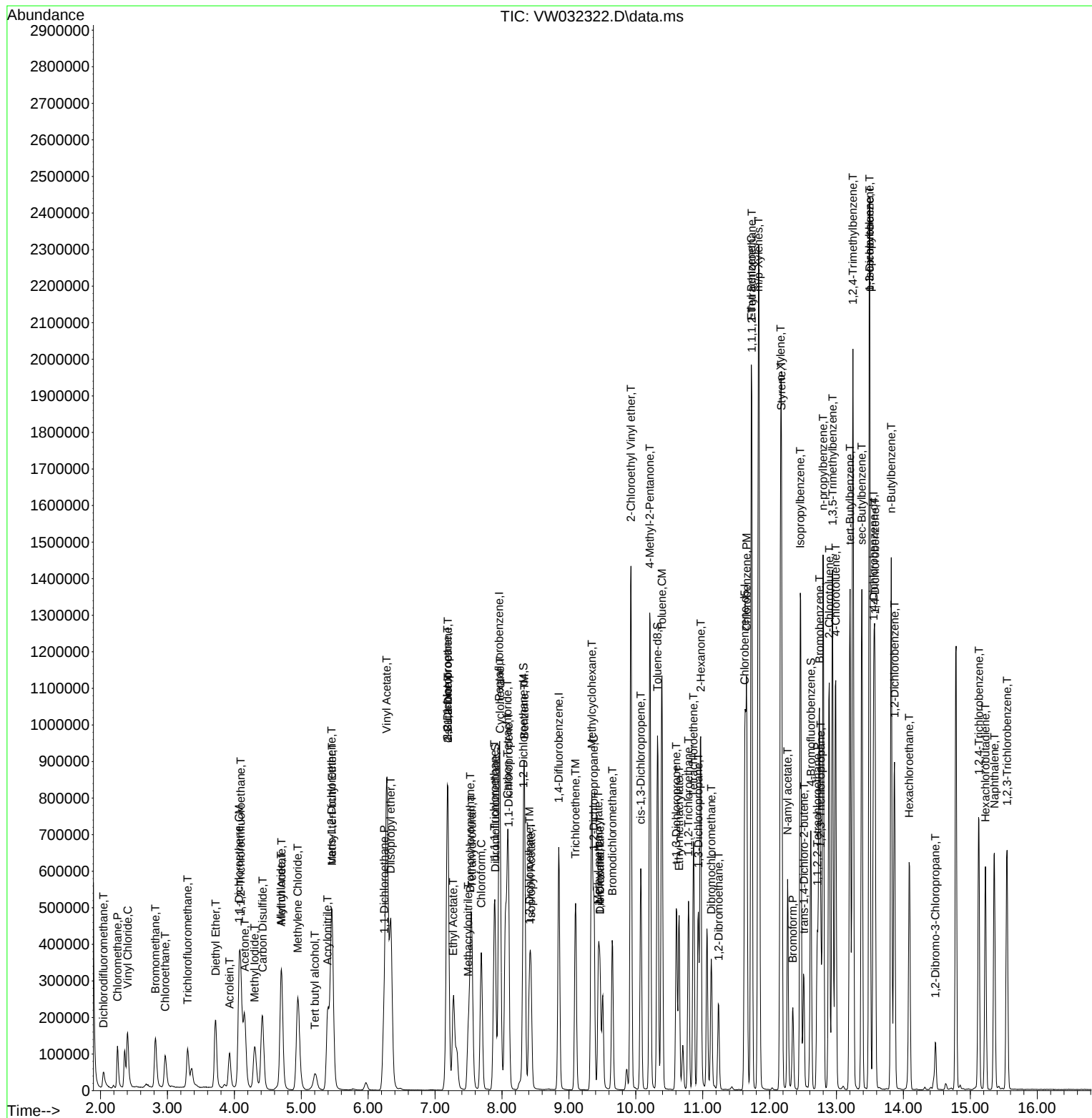
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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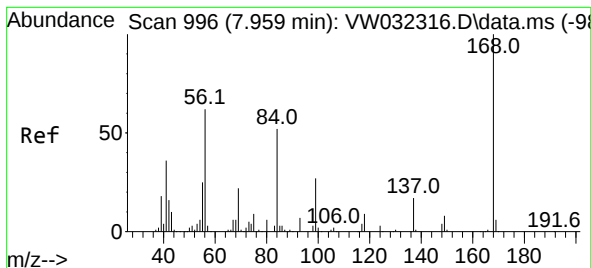
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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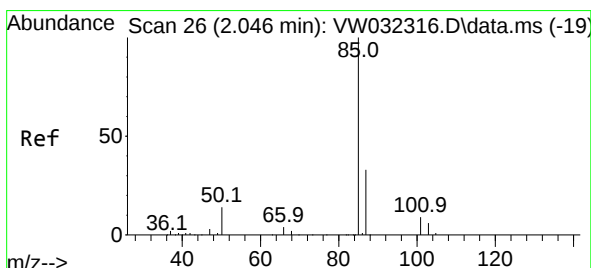
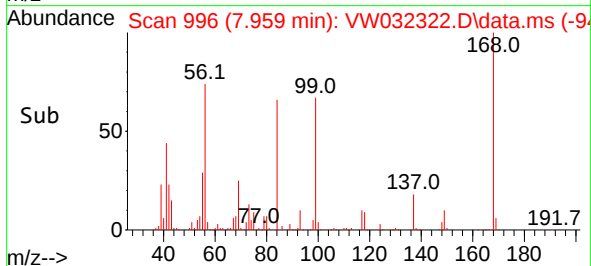
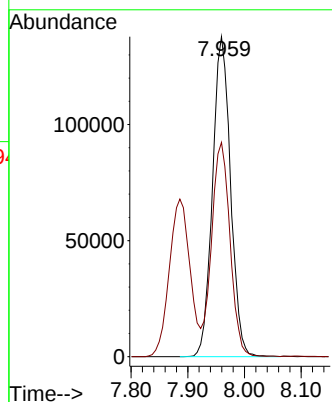
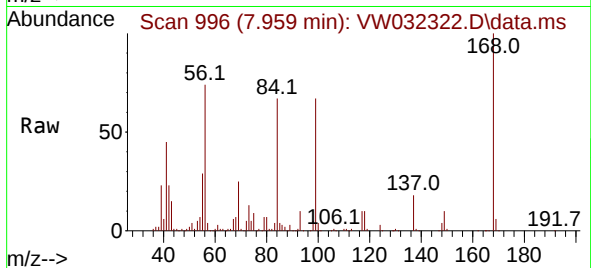




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032322.D
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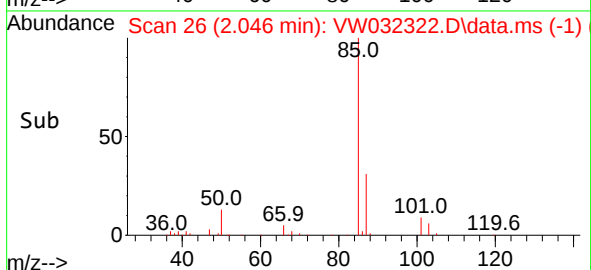
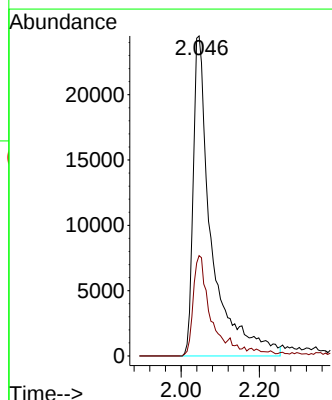
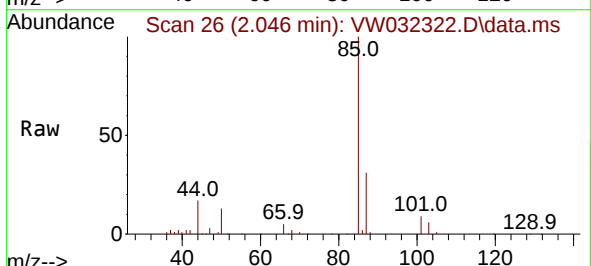
Instrument :
MSVOA_W
ClientSampleId :

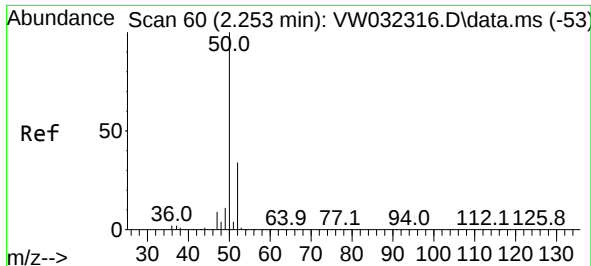
Tgt Ion:168 Resp: 303983
Ion Ratio Lower Upper
168 100
99 66.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 41.871 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 85 Resp: 79871
Ion Ratio Lower Upper
85 100
87 31.3 17.2 51.6

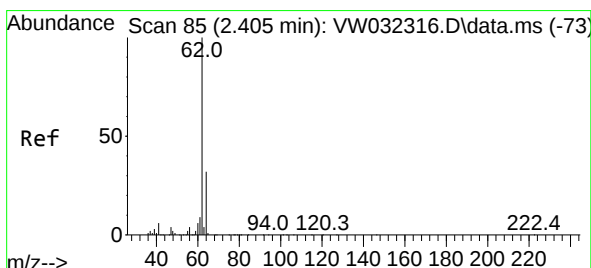
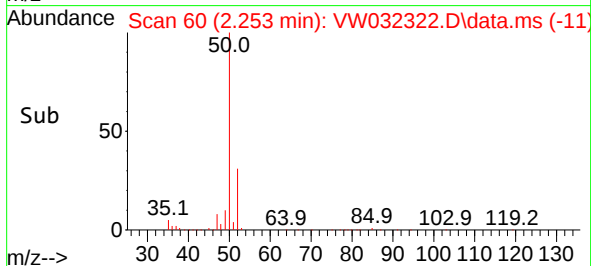
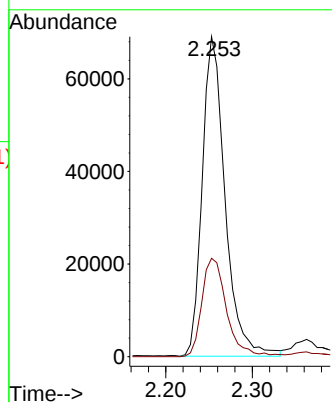
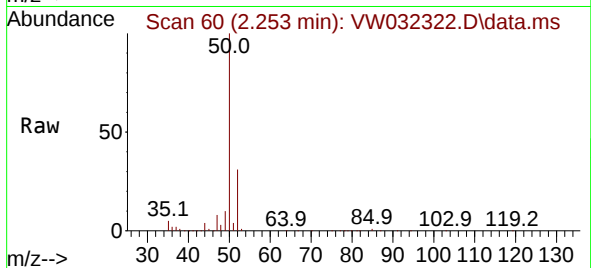




#3
Chloromethane
Concen: 42.993 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

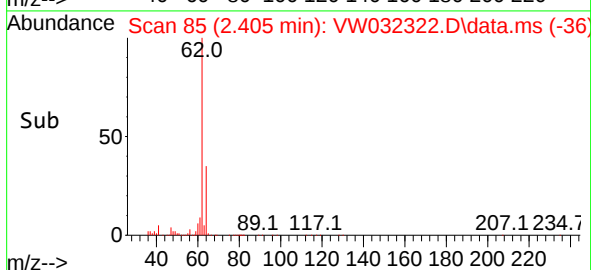
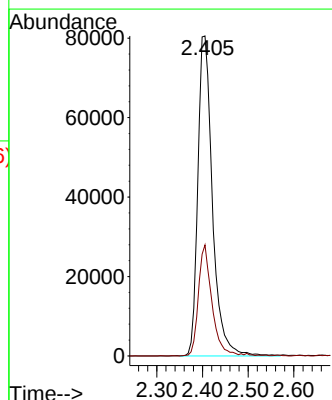
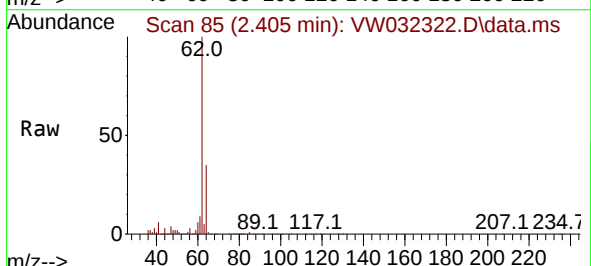
Instrument :
MSVOA_W
ClientSampleId :

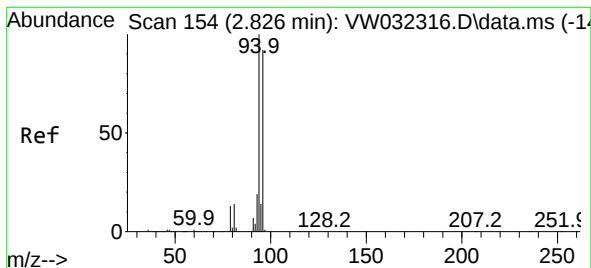
Tgt Ion: 50 Resp: 126543
Ion Ratio Lower Upper
50 100
52 30.8 26.1 39.1



#4
Vinyl Chloride
Concen: 51.005 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 62 Resp: 179230
Ion Ratio Lower Upper
62 100
64 34.6 24.8 37.2





#5

Bromomethane

Concen: 46.995 ug/l

RT: 2.820 min Scan# 1

Delta R.T. -0.006 min

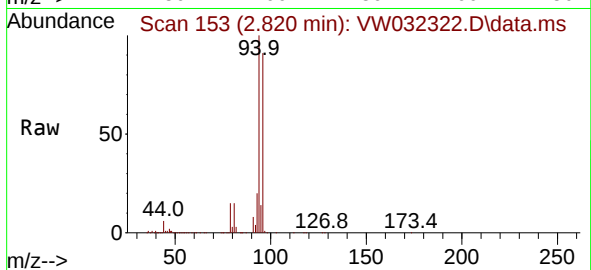
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Instrument :

MSVOA_W

ClientSampleId :

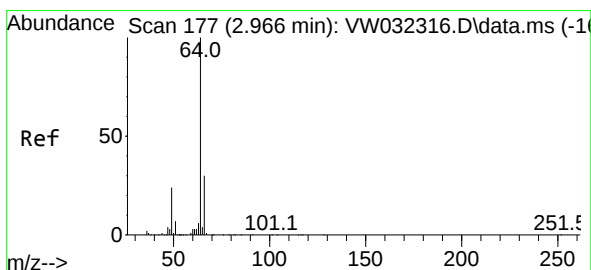
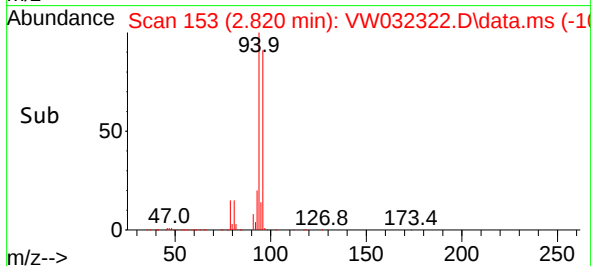
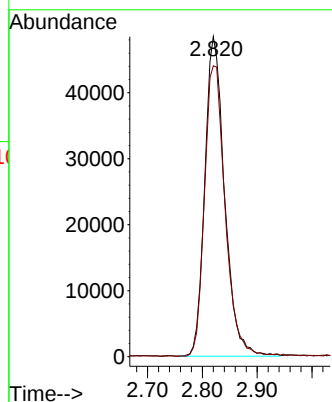


Tgt Ion: 94 Resp: 121357

Ion Ratio Lower Upper

94 100

96 90.8 76.6 115.0



#6

Chloroethane

Concen: 49.122 ug/l

RT: 2.966 min Scan# 177

Delta R.T. -0.006 min

Lab File: VW032322.D

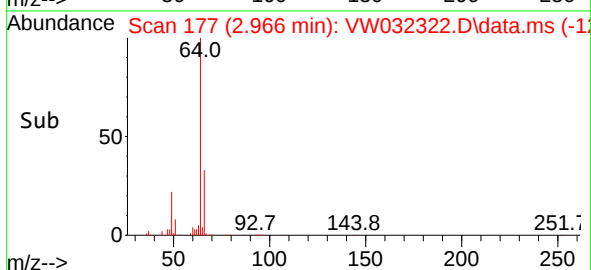
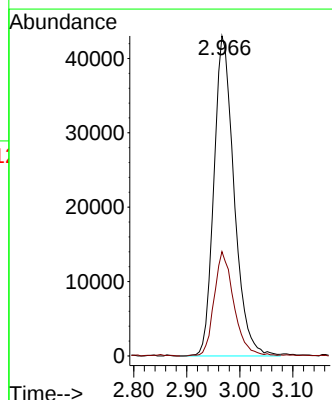
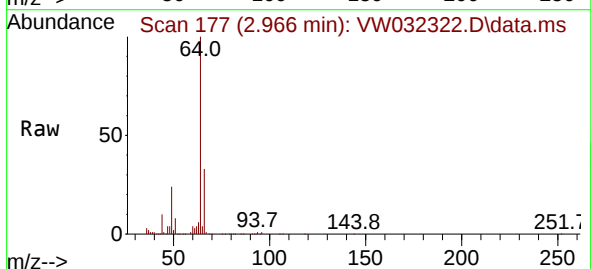
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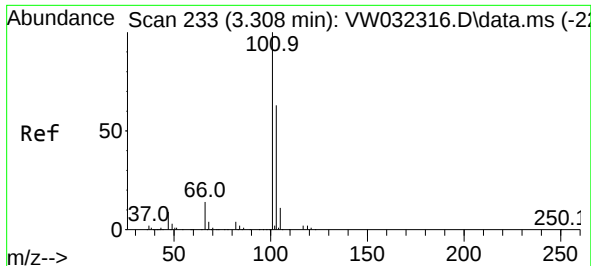
Tgt Ion: 64 Resp: 113961

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4

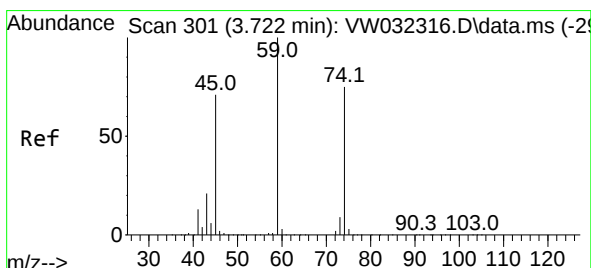
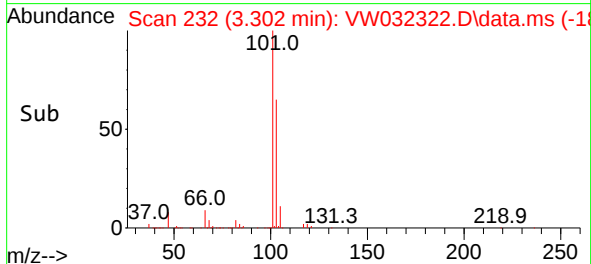
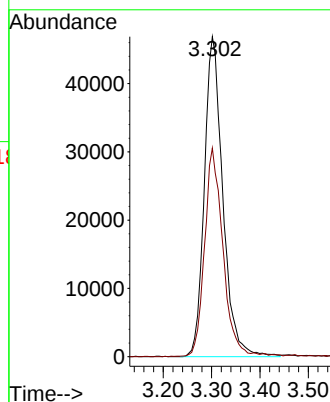
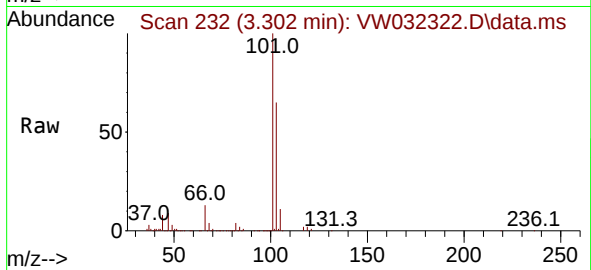




#7
 Trichlorofluoromethane
 Concen: 47.326 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

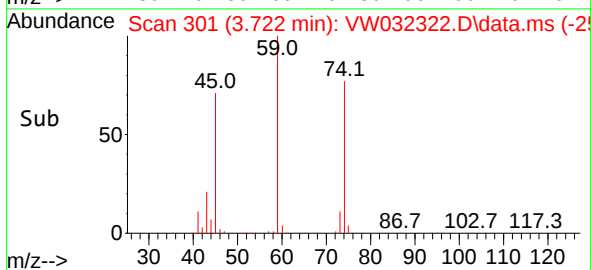
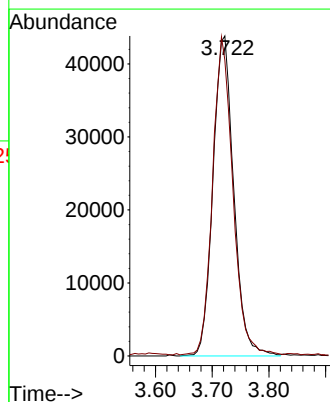
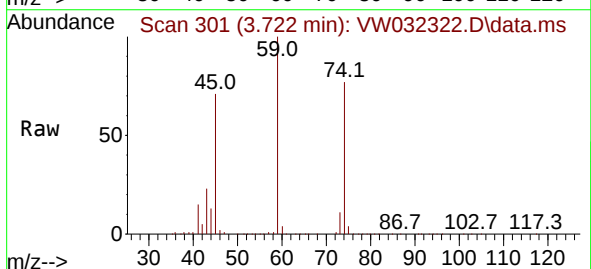
Instrument :
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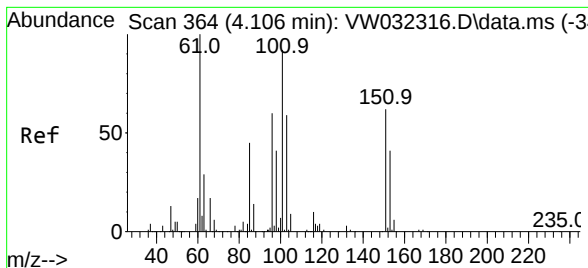
Tgt Ion:101 Resp: 124514
 Ion Ratio Lower Upper
 101 100
 103 65.0 47.8 71.8



#8
 Diethyl Ether
 Concen: 48.847 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

Tgt Ion: 74 Resp: 111365
 Ion Ratio Lower Upper
 74 100
 45 96.7 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.957 ug/l

RT: 4.094 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

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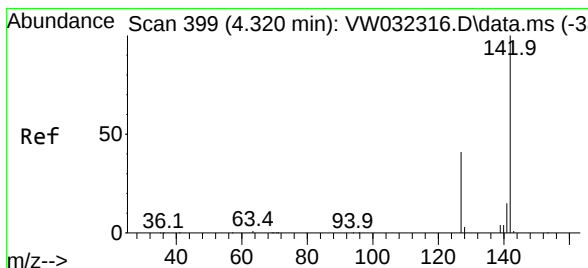
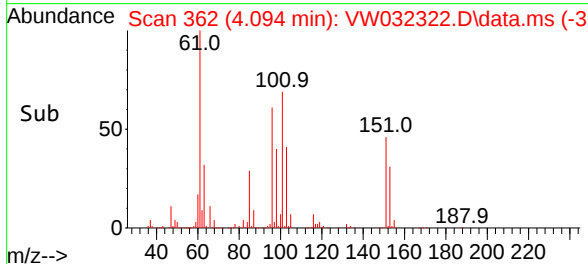
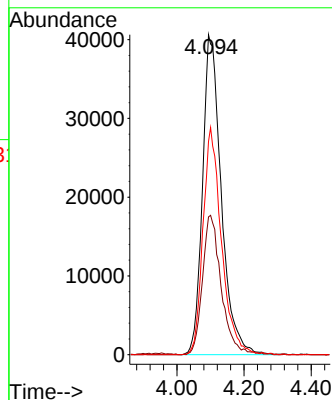
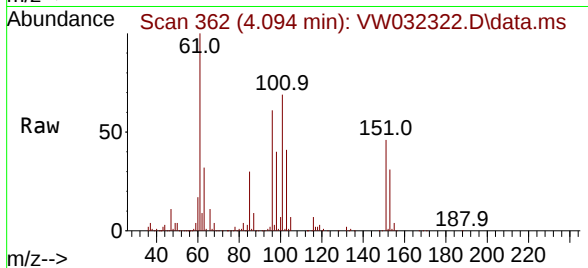
Tgt Ion:101 Resp: 157649

Ion Ratio Lower Upper

101 100

85 43.6 37.1 55.7

151 69.7 61.5 92.3



#10

Methyl Iodide

Concen: 50.610 ug/l

RT: 4.301 min Scan# 396

Delta R.T. -0.012 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

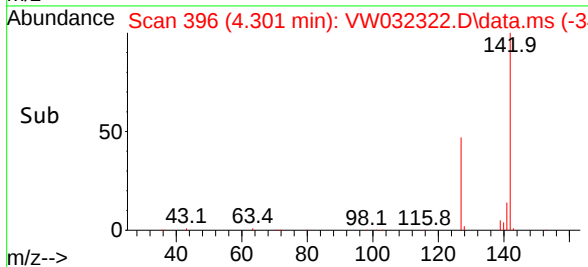
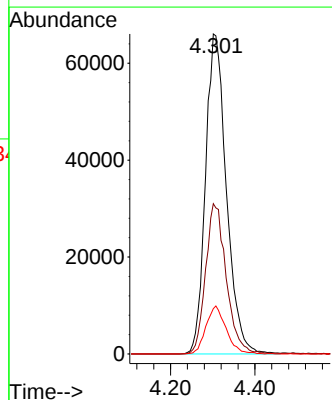
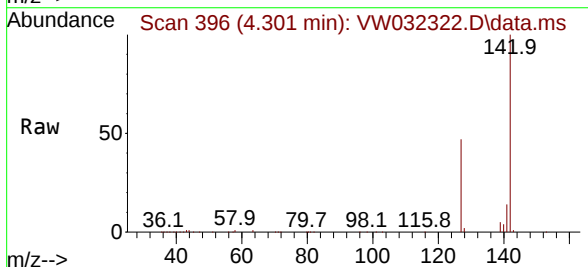
Tgt Ion:142 Resp: 227880

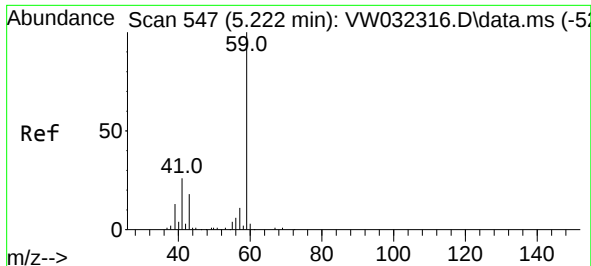
Ion Ratio Lower Upper

142 100

127 46.5 38.2 57.2

141 14.5 12.2 18.2

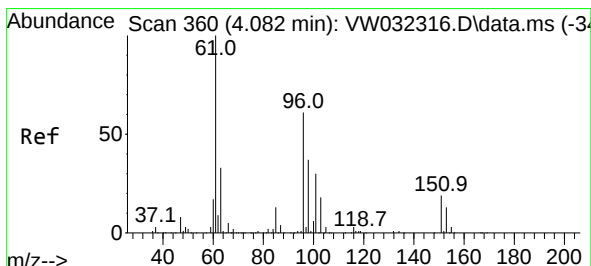
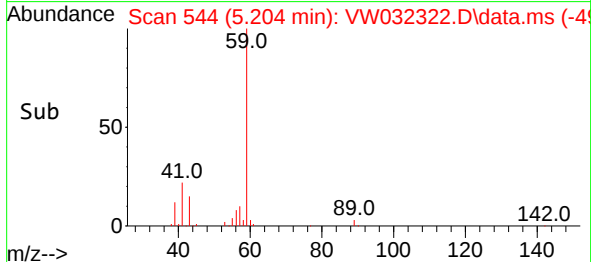
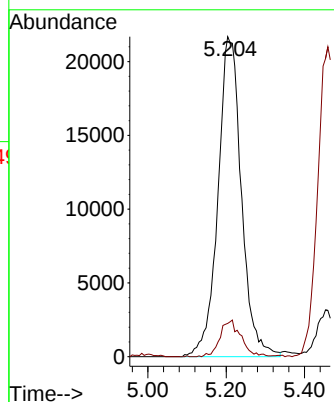
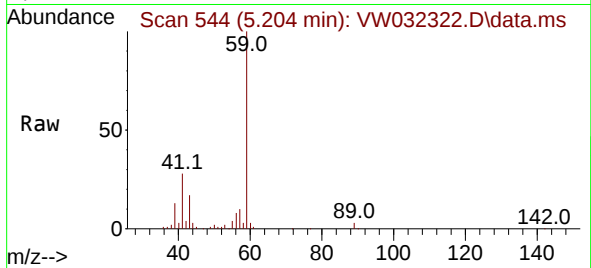




#11
Tert butyl alcohol
Concen: 268.695 ug/l
RT: 5.204 min Scan# 54
Delta R.T. -0.018 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

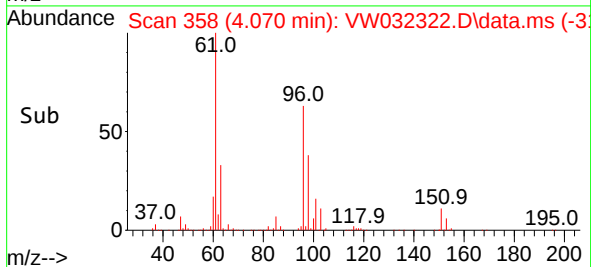
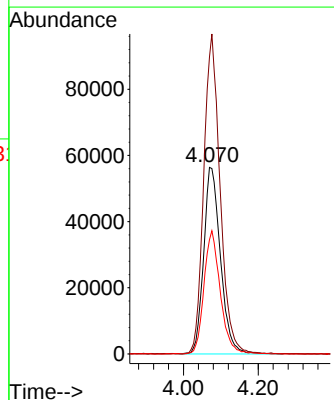
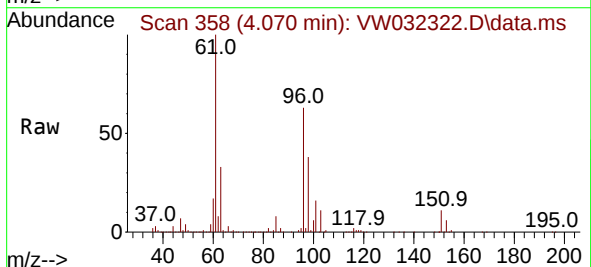
Instrument :
MSVOA_W
ClientSampleId :

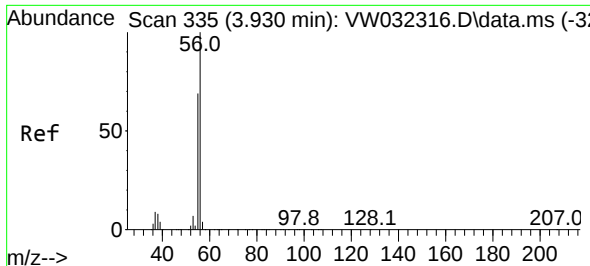
Tgt Ion: 59 Resp: 90176
Ion Ratio Lower Upper
59 100
57 10.2 9.8 14.6



#12
1,1-Dichloroethene
Concen: 51.373 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

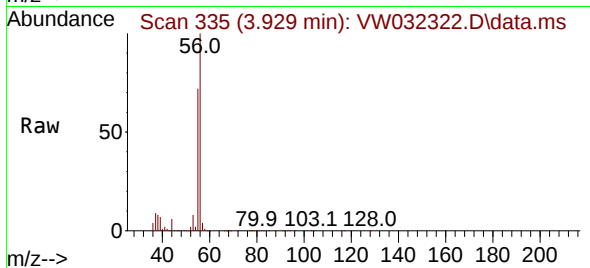
Tgt Ion: 96 Resp: 176001
Ion Ratio Lower Upper
96 100
61 159.2 123.0 184.4
98 61.2 48.5 72.7



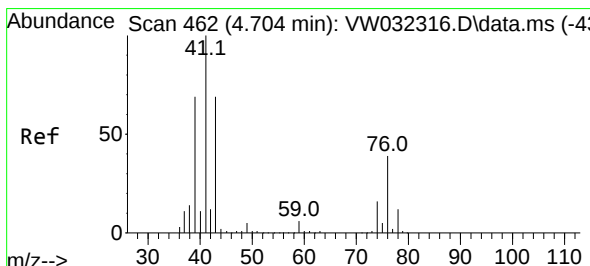
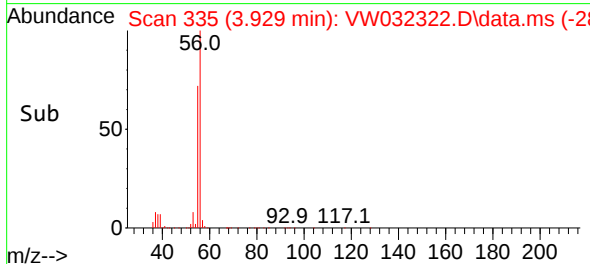
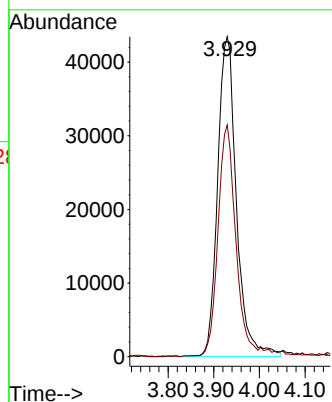


#13
Acrolein
Concen: 227.904 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

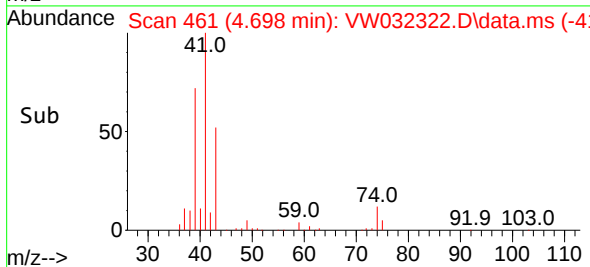
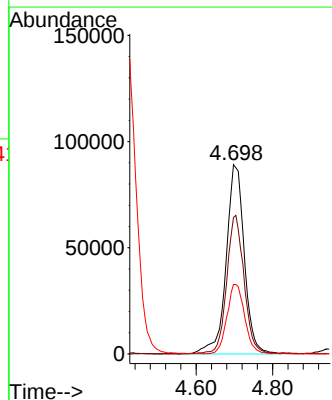
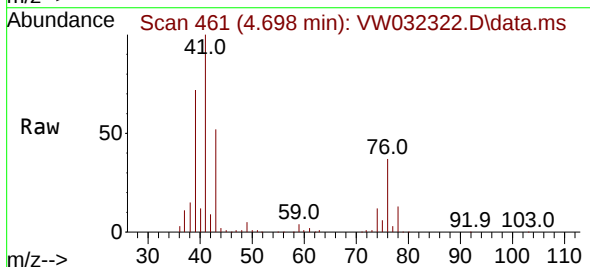


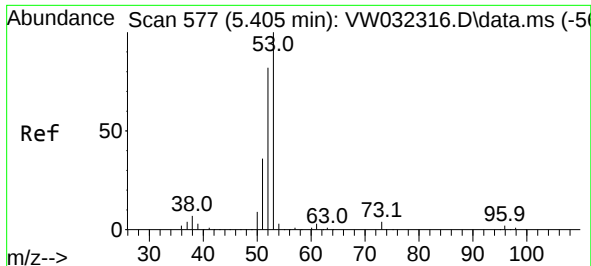
Tgt Ion: 56 Resp: 124133
Ion Ratio Lower Upper
56 100
55 71.0 56.4 84.6



#14
Allyl chloride
Concen: 50.934 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

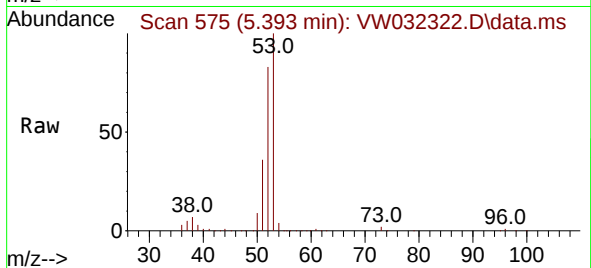
Tgt Ion: 41 Resp: 294731
Ion Ratio Lower Upper
41 100
39 70.0 64.1 96.1
76 35.5 31.4 47.2



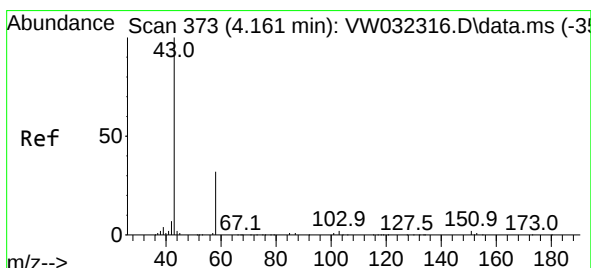
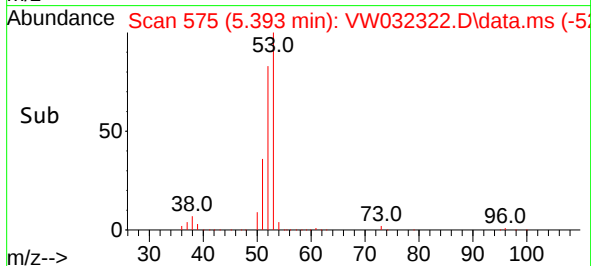
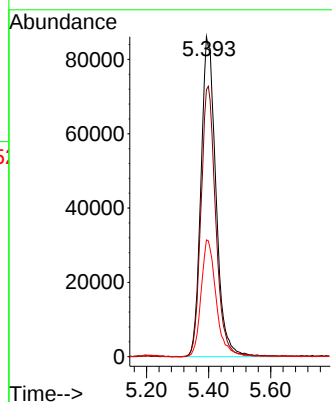


#15
Acrylonitrile
Concen: 243.584 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

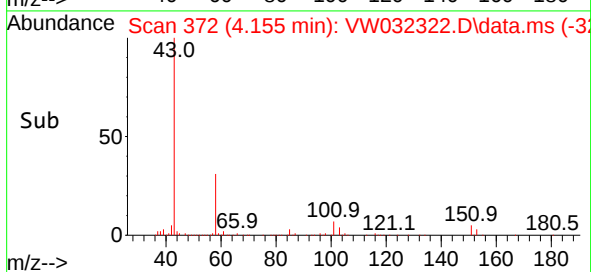
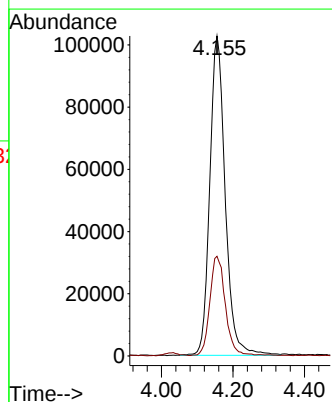
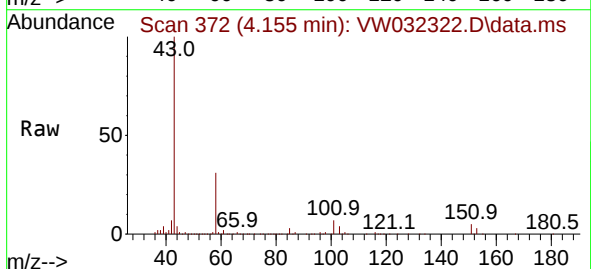


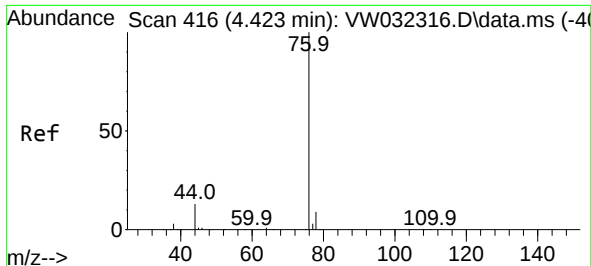
Tgt Ion: 53 Resp: 288905
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.2
51 36.8 30.3 45.5



#16
Acetone
Concen: 250.804 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 43 Resp: 307908
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9

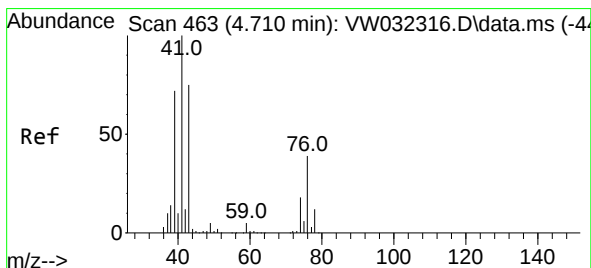
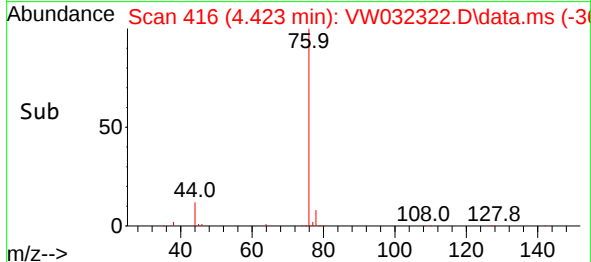
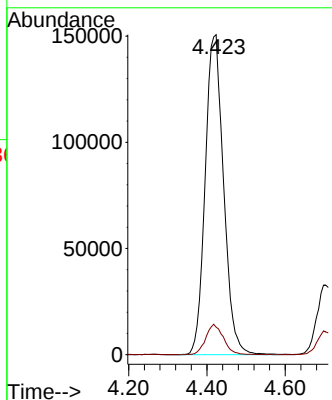
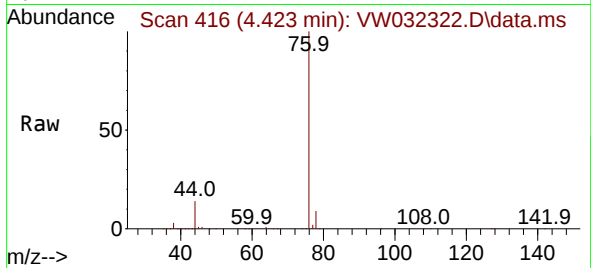




#17
Carbon Disulfide
Concen: 52.526 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

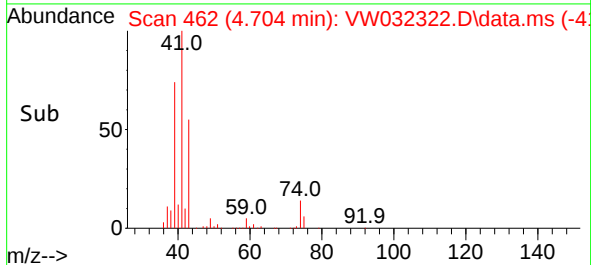
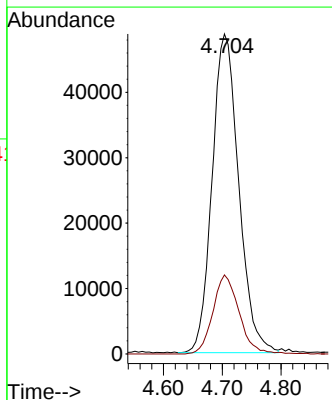
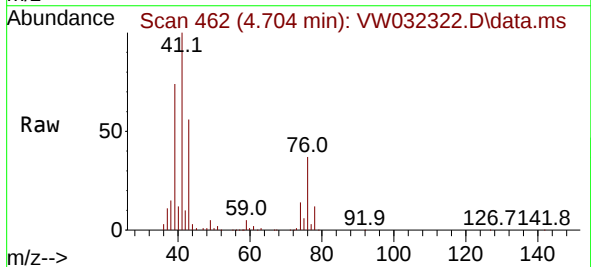
Instrument :
MSVOA_W
ClientSampleId :

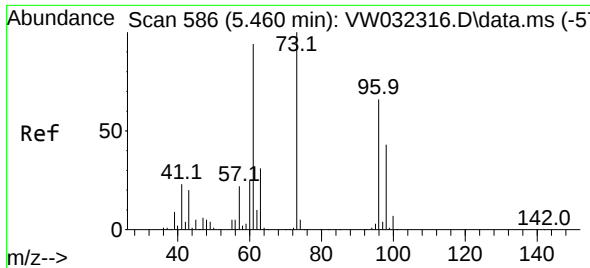
Tgt Ion: 76 Resp: 490993
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 43.581 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 43 Resp: 153265
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.4

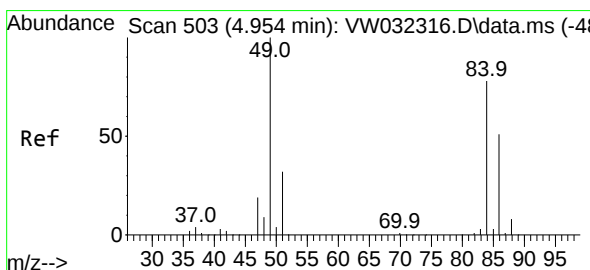
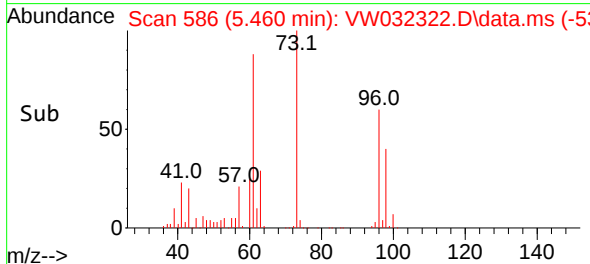
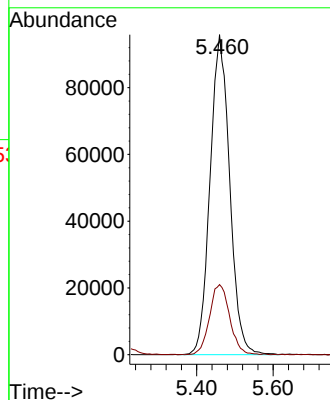
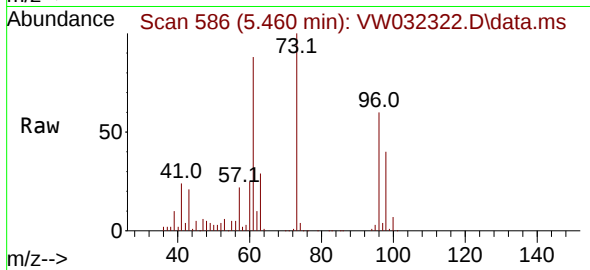




#19
Methyl tert-butyl Ether
Concen: 50.564 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

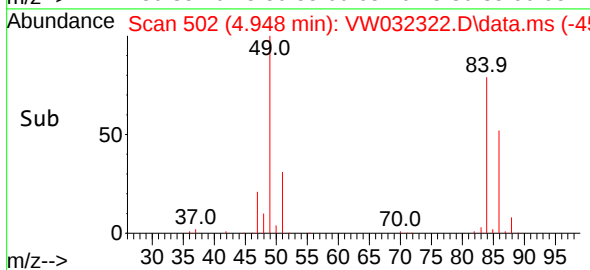
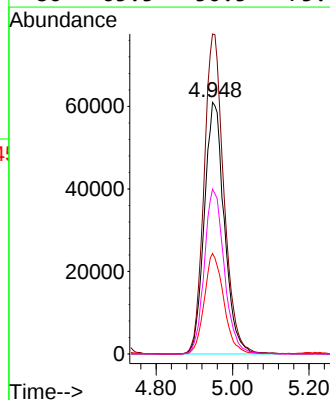
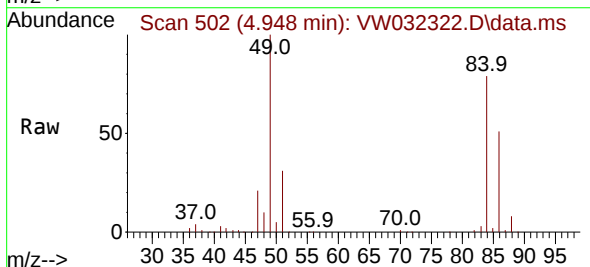
Instrument :
MSVOA_W
ClientSampleId :

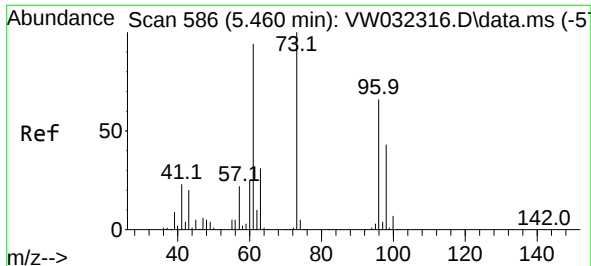
Tgt Ion: 73 Resp: 341192
Ion Ratio Lower Upper
73 100
57 21.8 16.2 24.4



#20
Methylene Chloride
Concen: 54.902 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 84 Resp: 220995
Ion Ratio Lower Upper
84 100
49 127.0 92.2 138.4
51 39.9 31.0 46.6
86 65.5 50.5 75.7

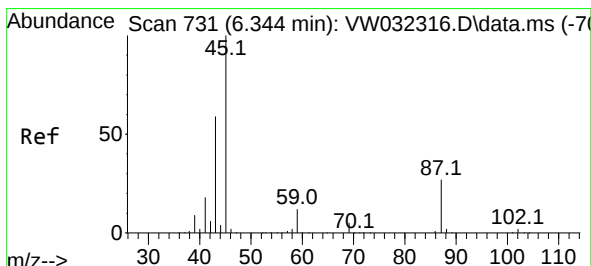
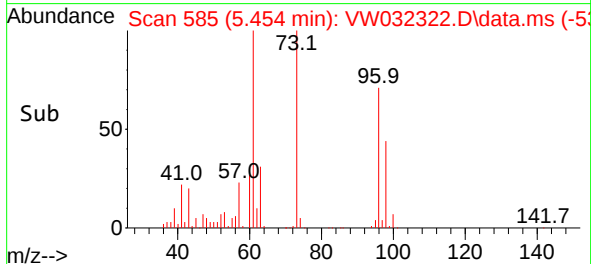
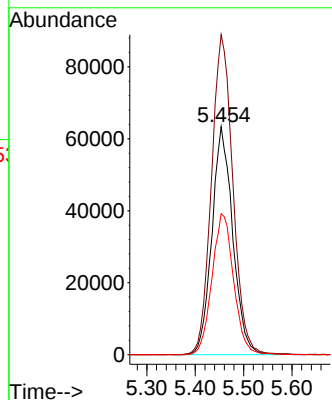
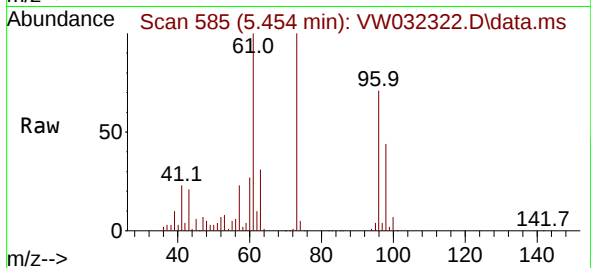




#21
trans-1,2-Dichloroethene
Concen: 50.025 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

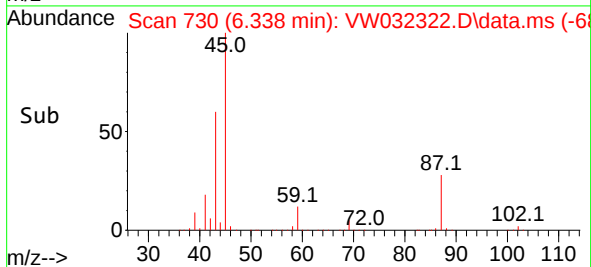
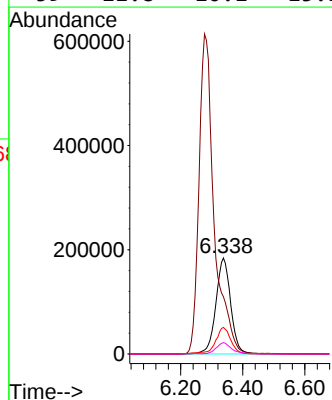
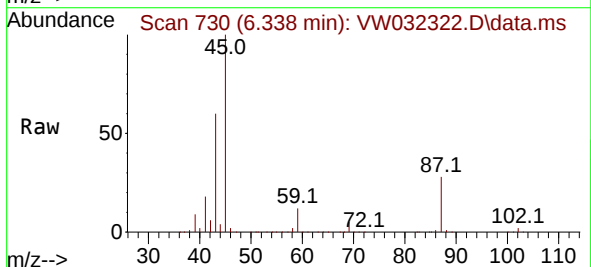
Instrument :
MSVOA_W
ClientSampleId :

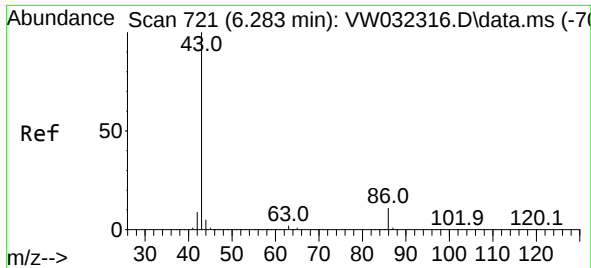
Tgt Ion: 96 Resp: 189747
Ion Ratio Lower Upper
96 100
61 140.3 112.5 168.7
98 61.8 54.2 81.4



#22
Diisopropyl ether
Concen: 50.588 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 45 Resp: 608801
Ion Ratio Lower Upper
45 100
43 59.7 51.4 77.2
87 27.6 25.9 38.9
59 11.8 10.1 15.1

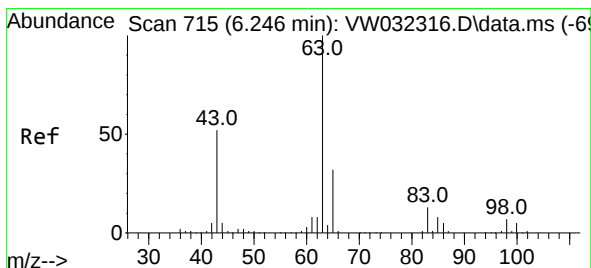
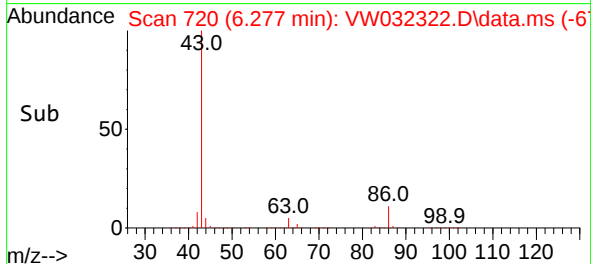
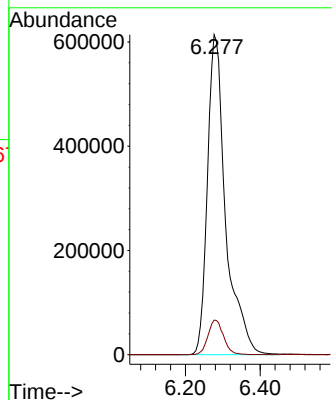
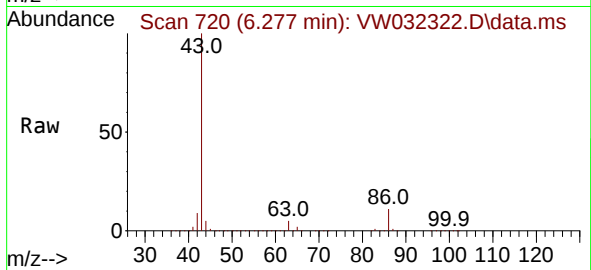




#23
 Vinyl Acetate
 Concen: 258.478 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

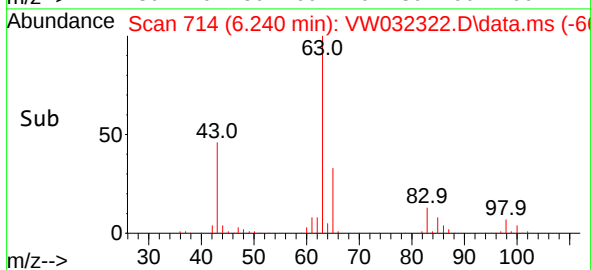
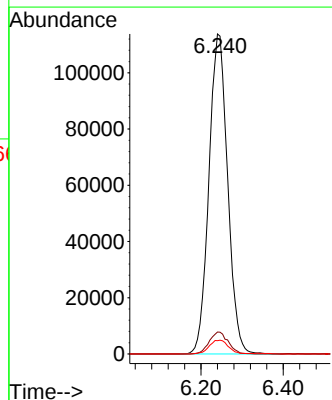
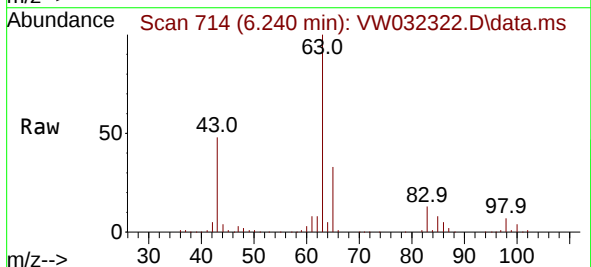
Instrument :
 MSVOA_W
 ClientSampleId :

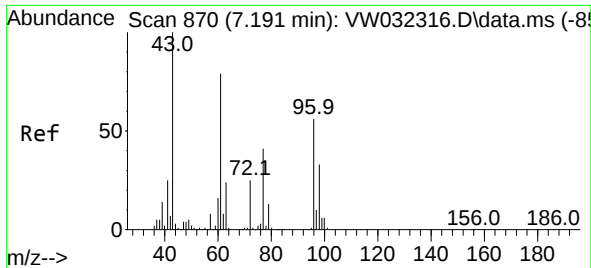
Tgt Ion: 43 Resp: 2077691
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 49.184 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

Tgt Ion: 63 Resp: 359603
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.2 2.5 7.5

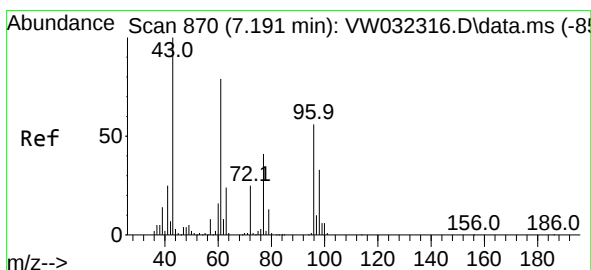
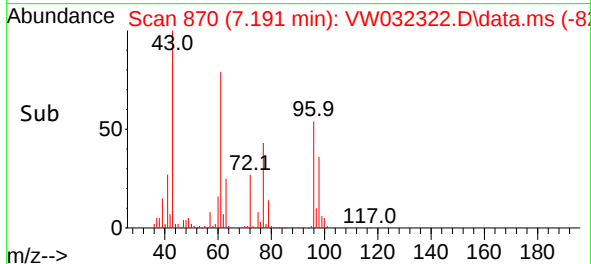
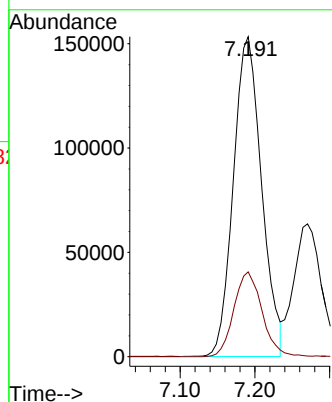
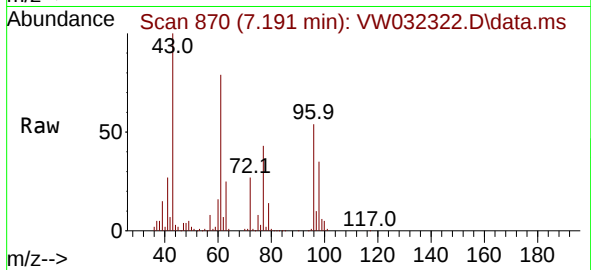




#25
2-Butanone
Concen: 240.342 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

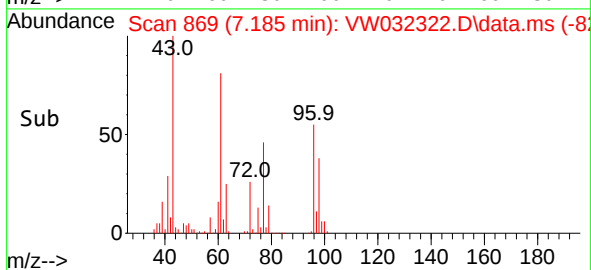
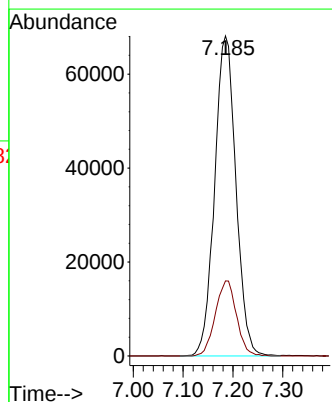
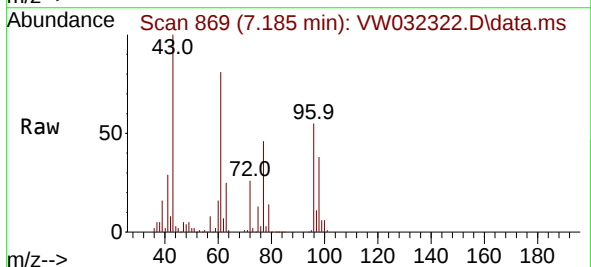
Instrument :
MSVOA_W
ClientSampleId :

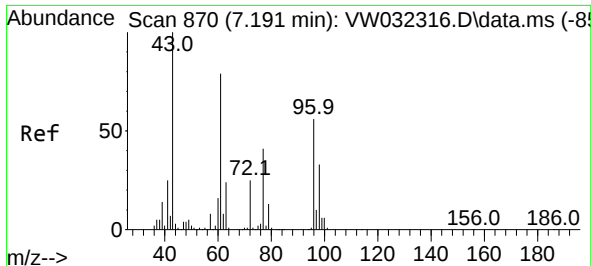
Tgt Ion: 43 Resp: 401861
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 54.021 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 77 Resp: 202030
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 49.547 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

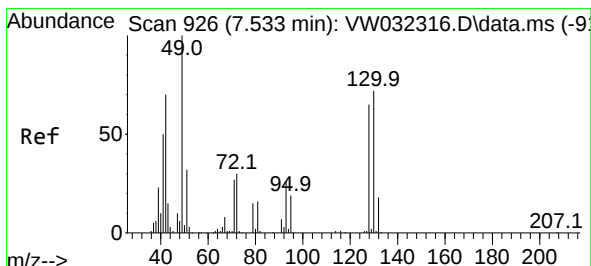
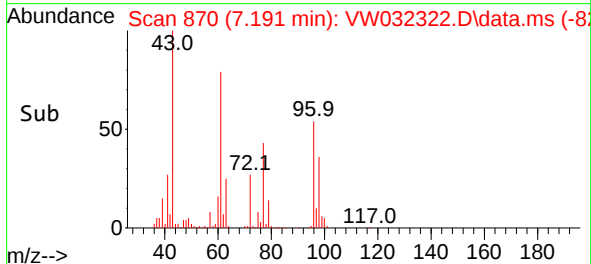
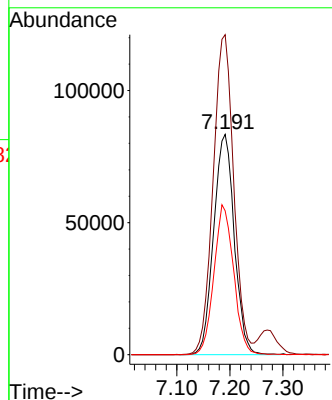
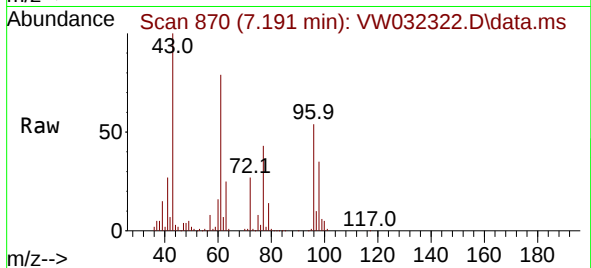
Tgt Ion: 96 Resp: 225769

Ion Ratio Lower Upper

96 100

61 144.8 0.0 268.0

98 65.1 0.0 130.8



#28

Bromochloromethane

Concen: 47.603 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

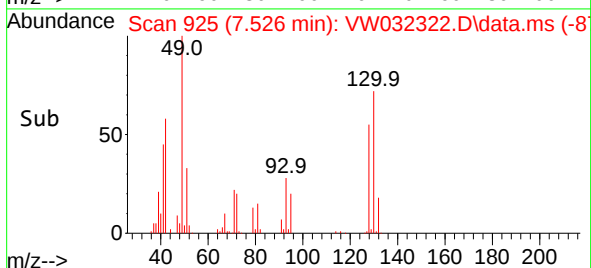
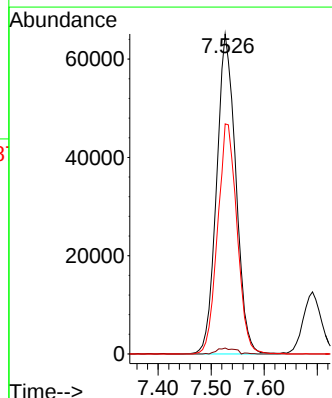
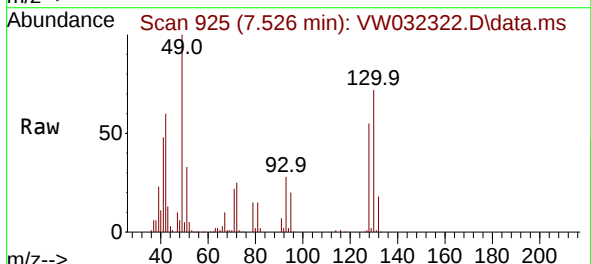
Tgt Ion: 49 Resp: 163748

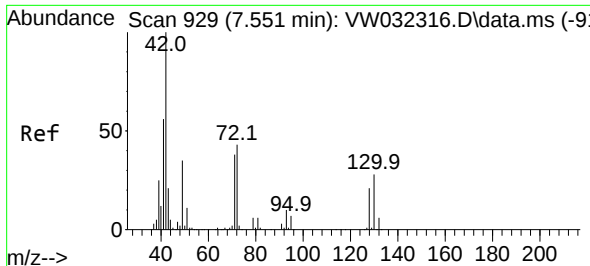
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

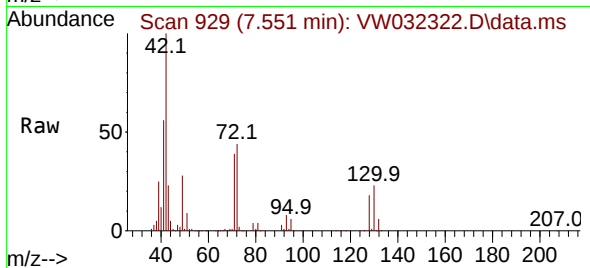
130 72.7 67.5 101.3



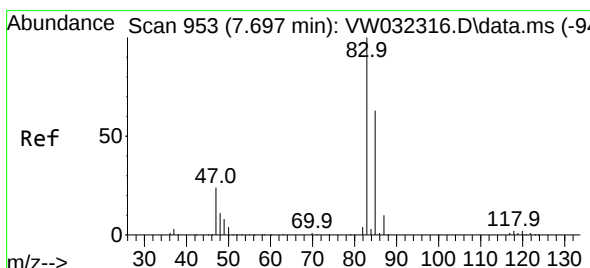
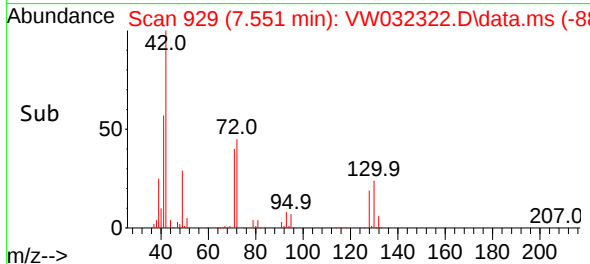
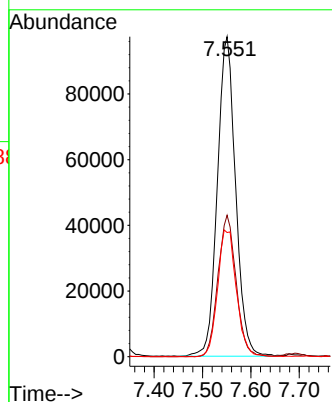


#29
Tetrahydrofuran
Concen: 241.927 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

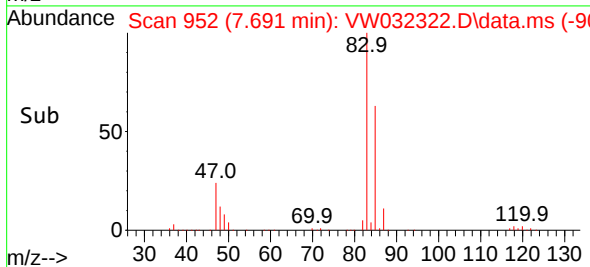
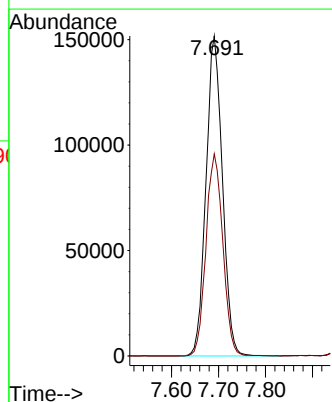
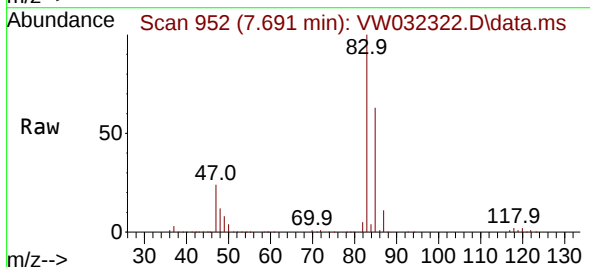


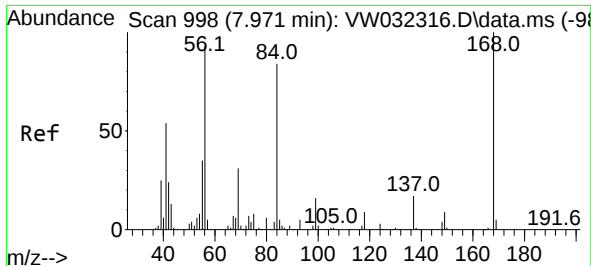
Tgt Ion: 42 Resp: 254385
Ion Ratio Lower Upper
42 100
72 44.1 37.4 56.2
71 41.0 36.0 54.0



#30
Chloroform
Concen: 49.561 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 83 Resp: 367490
Ion Ratio Lower Upper
83 100
85 63.2 51.2 76.8

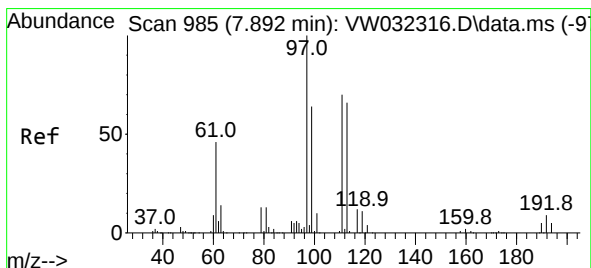
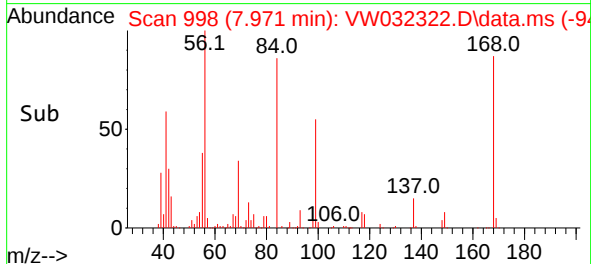
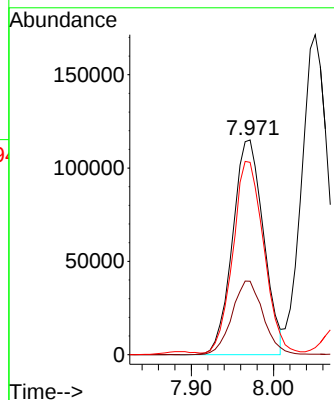
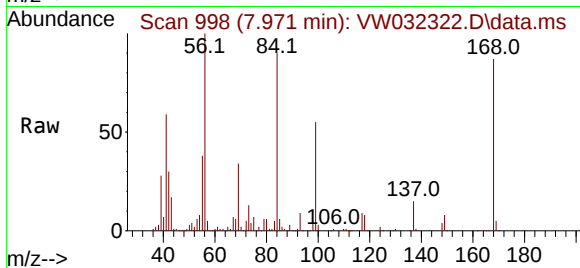




#31
Cyclohexane
Concen: 48.170 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

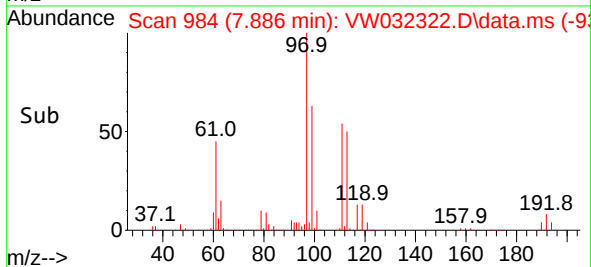
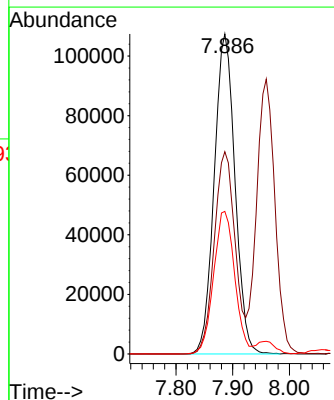
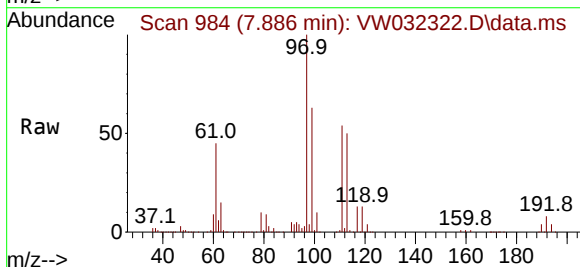
Instrument :
MSVOA_W
ClientSampleId :

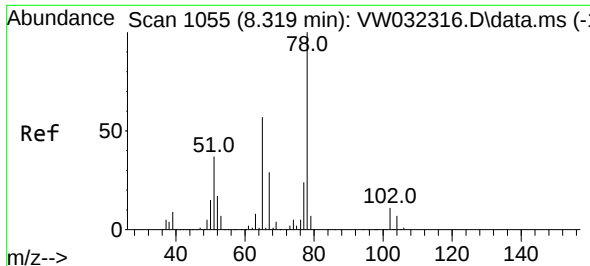
Tgt Ion: 56 Resp: 300667
Ion Ratio Lower Upper
56 100
69 34.2 27.7 41.5
84 88.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 52.008 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 97 Resp: 273266
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 45.6 36.2 54.4

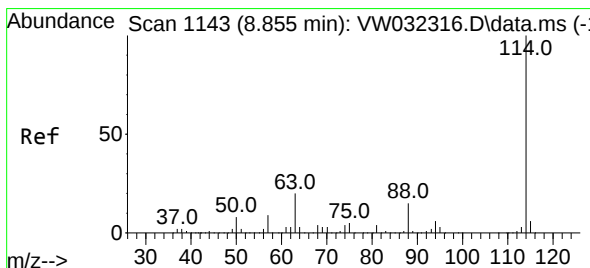
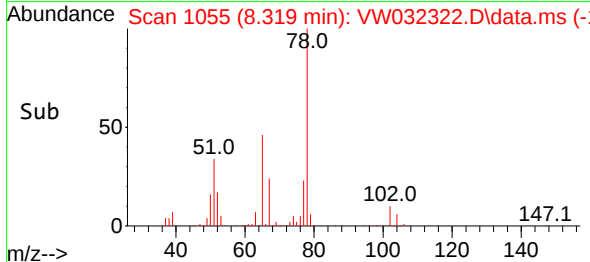
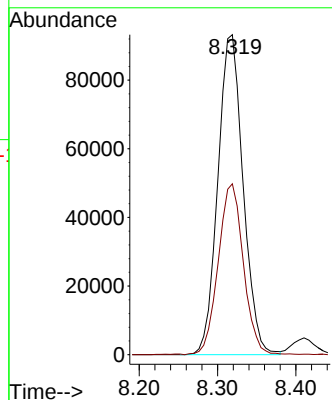
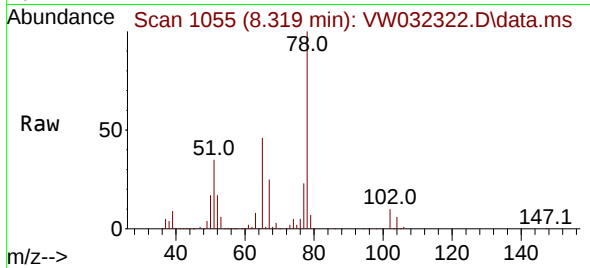




#33
 1,2-Dichloroethane-d4
 Concen: 47.153 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

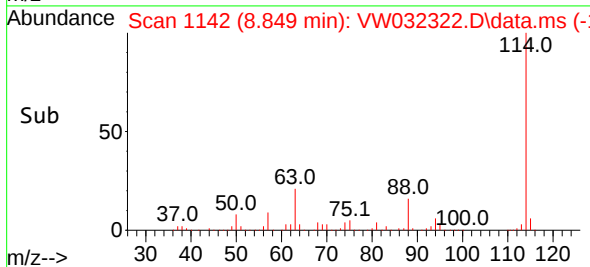
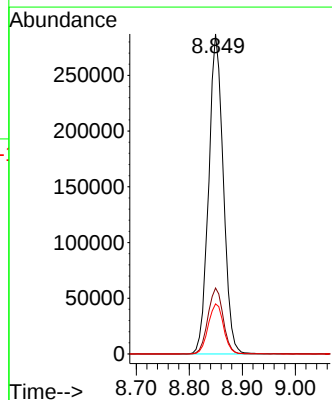
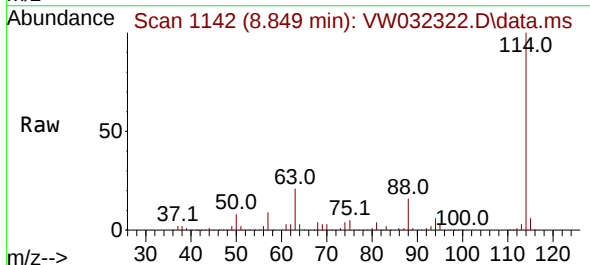
Instrument :
 MSVOA_W
 ClientSampleId :

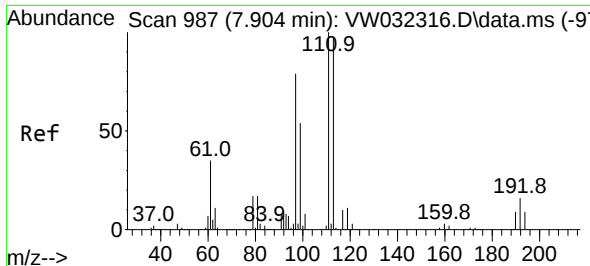
Tgt Ion: 65 Resp: 209066
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

Tgt Ion: 114 Resp: 550095
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 15.7 0.0 32.0

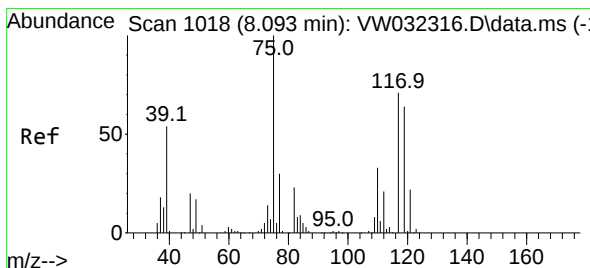
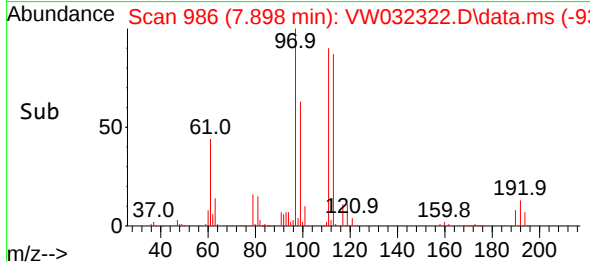
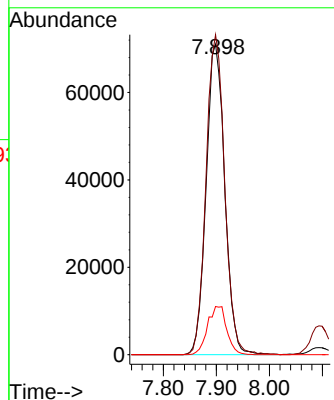
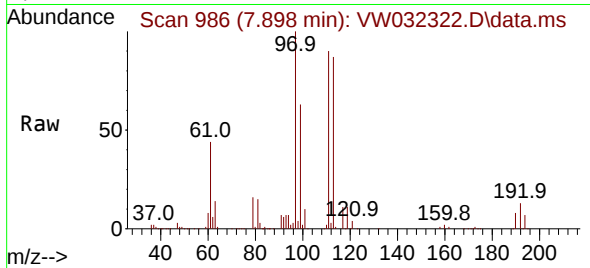




#35
 Dibromofluoromethane
 Concen: 48.524 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

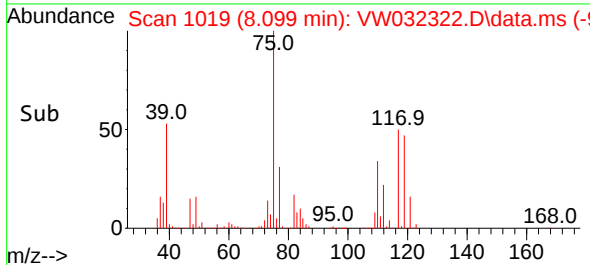
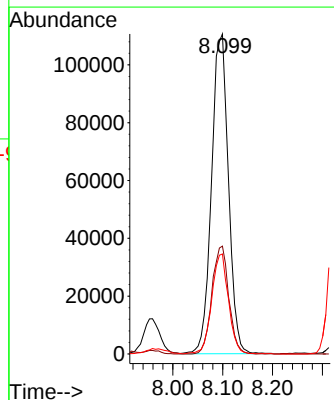
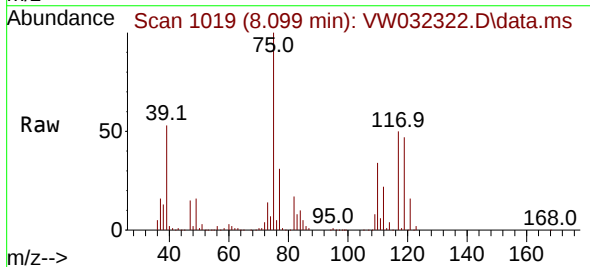
Instrument :
 MSVOA_W
 ClientSampleId :

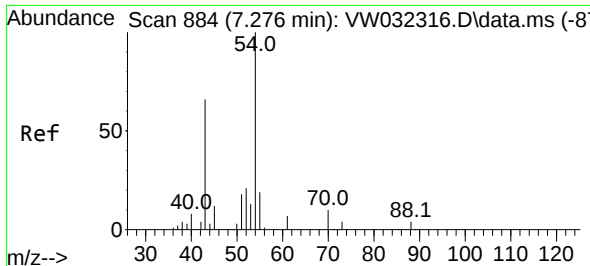
Tgt Ion:113 Resp: 172865
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.9 125.9
 192 16.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 51.816 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

Tgt Ion: 75 Resp: 260514
 Ion Ratio Lower Upper
 75 100
 110 33.6 17.5 52.5
 77 30.9 24.1 36.1

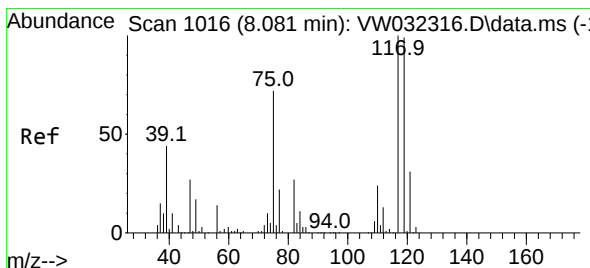
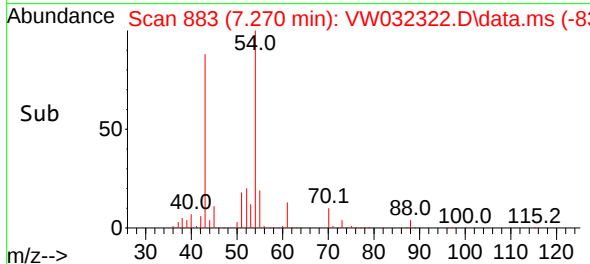
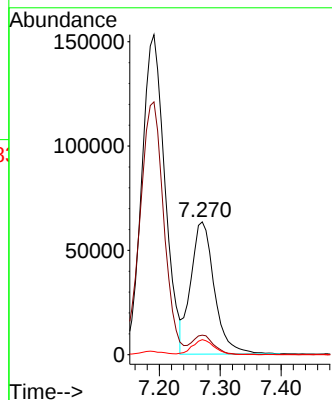
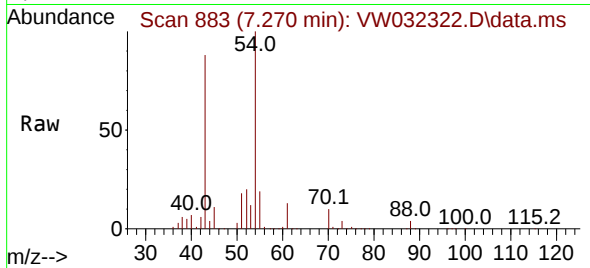




#37
Ethyl Acetate
Concen: 50.971 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

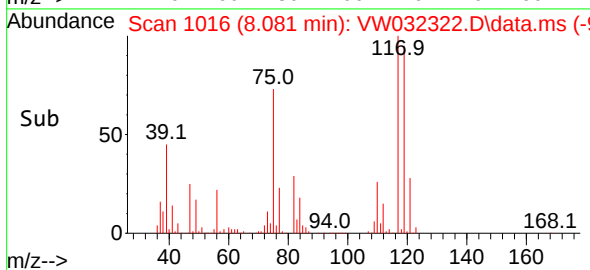
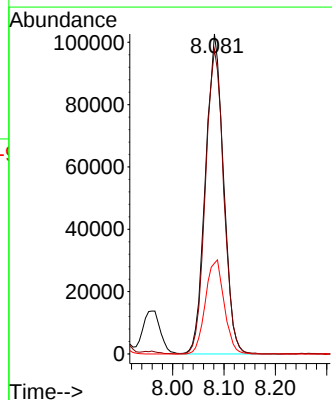
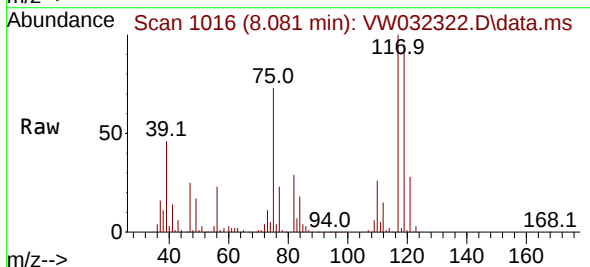
Instrument :
MSVOA_W
ClientSampleId :

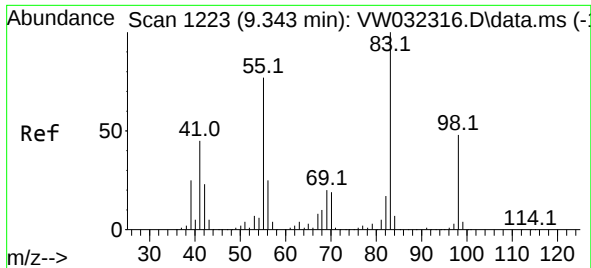
Tgt Ion: 43 Resp: 170574
Ion Ratio Lower Upper
43 100
61 12.7 11.3 16.9
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.930 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 117 Resp: 250420
Ion Ratio Lower Upper
117 100
119 95.2 74.2 111.2
121 28.4 25.6 38.4

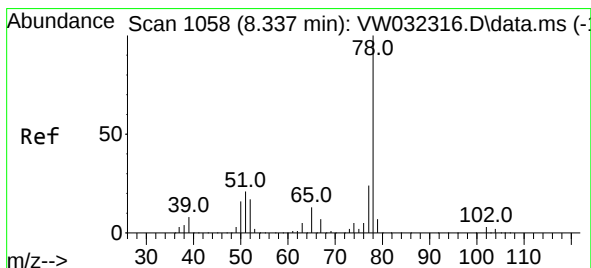
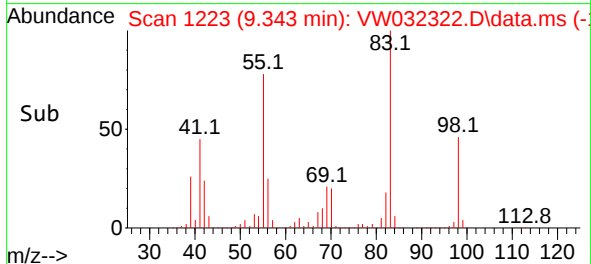
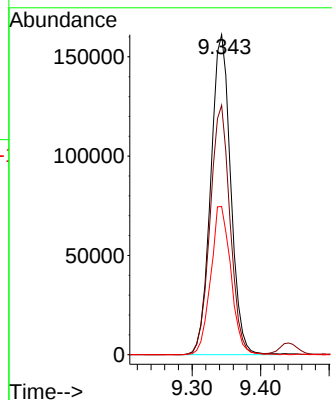
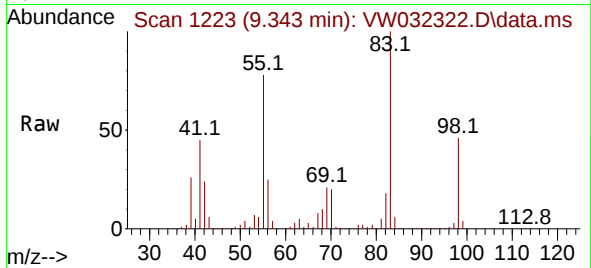




#39
Methylcyclohexane
Concen: 53.686 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

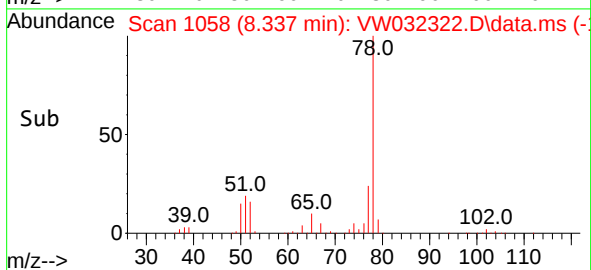
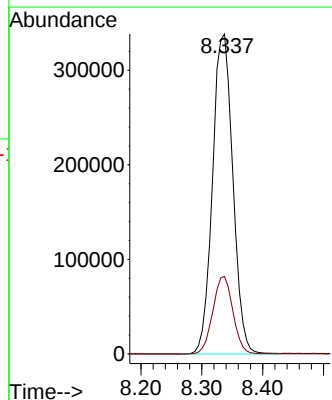
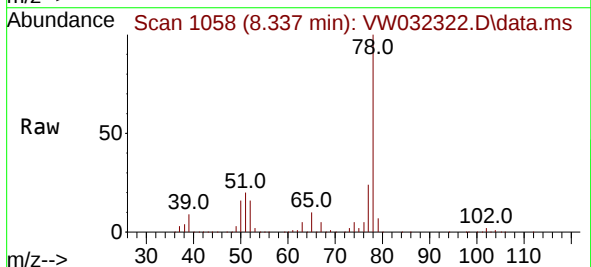
Instrument :
MSVOA_W
ClientSampleId :

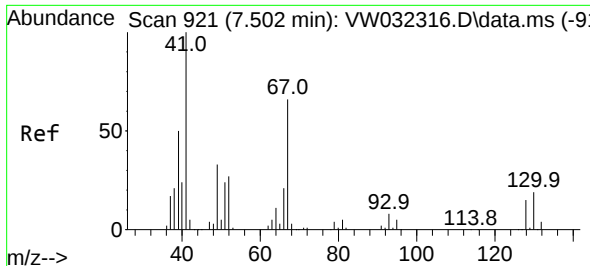
Tgt Ion: 83 Resp: 325576
Ion Ratio Lower Upper
83 100
55 77.9 58.4 87.6
98 46.3 39.4 59.2



#40
Benzene
Concen: 49.816 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 78 Resp: 785060
Ion Ratio Lower Upper
78 100
77 24.2 20.7 31.1



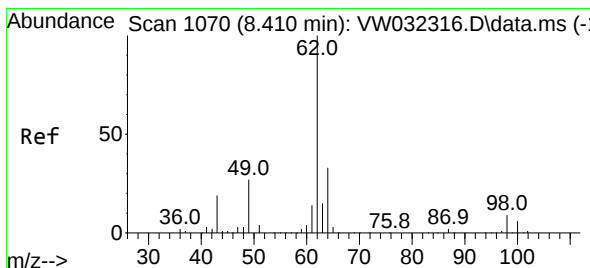
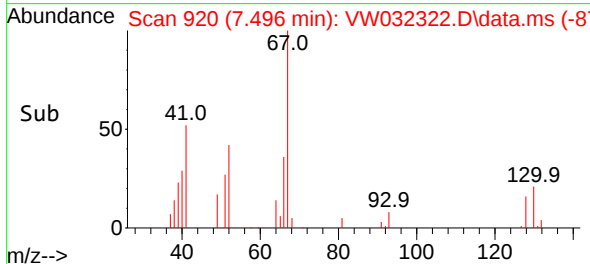
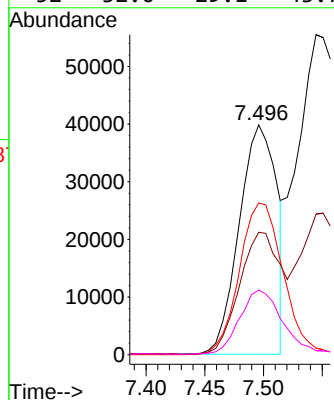
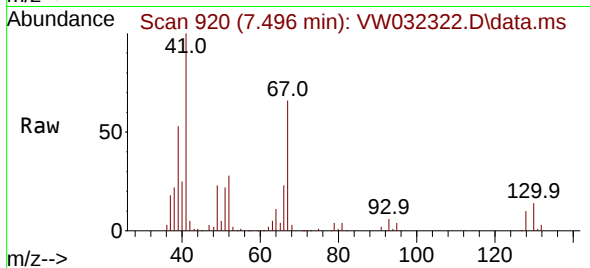


#41
Methacrylonitrile
Concen: 49.150 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 88641

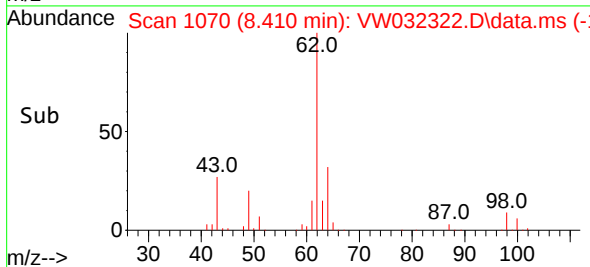
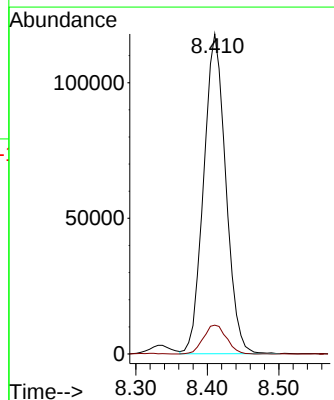
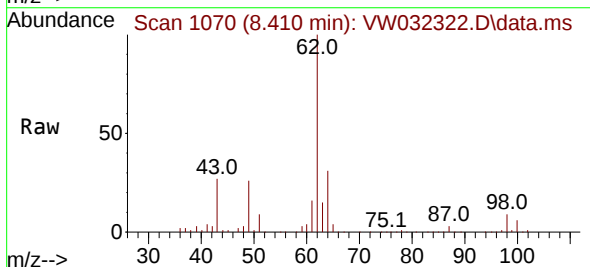
Ion	Ratio	Lower	Upper
41	100		
39	59.3	50.9	76.3
67	77.7	65.6	98.4
52	32.0	29.1	43.7

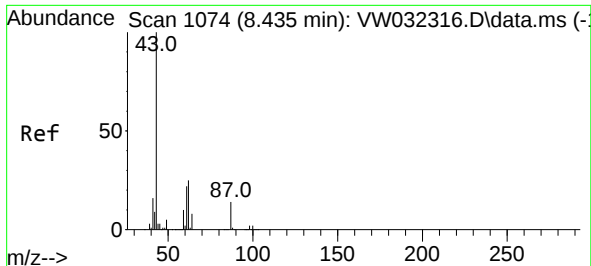


#42
1,2-Dichloroethane
Concen: 49.123 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 62 Resp: 253302

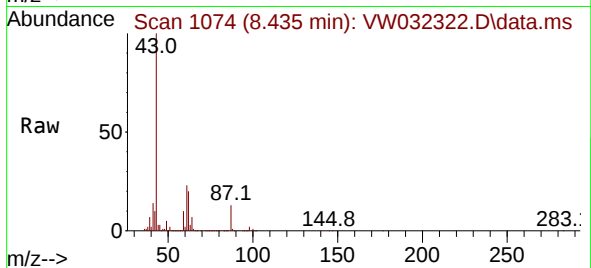
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



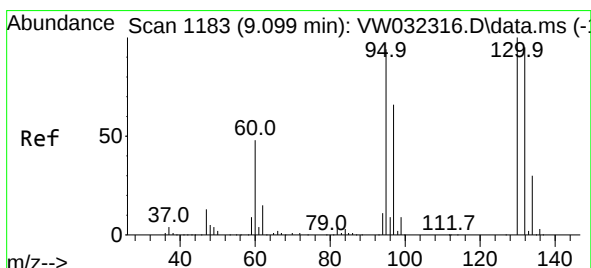
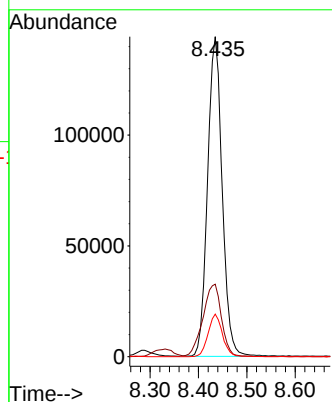
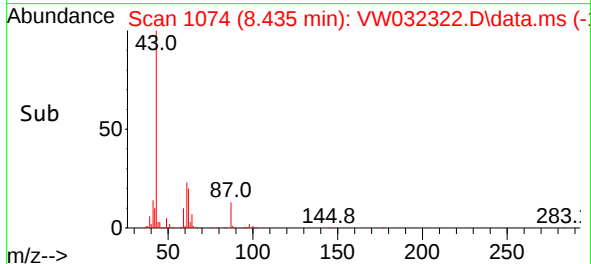


#43
Isopropyl Acetate
Concen: 51.041 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

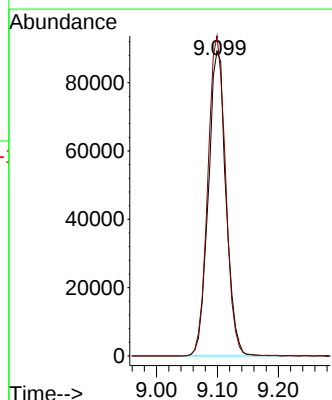
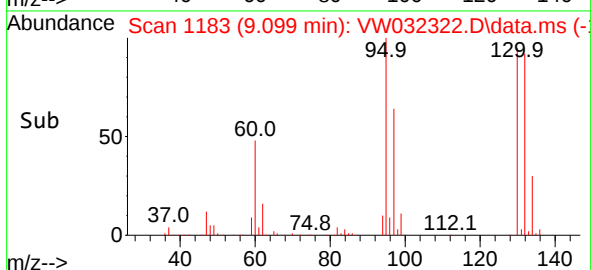
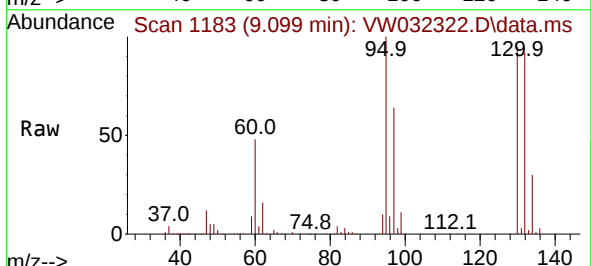


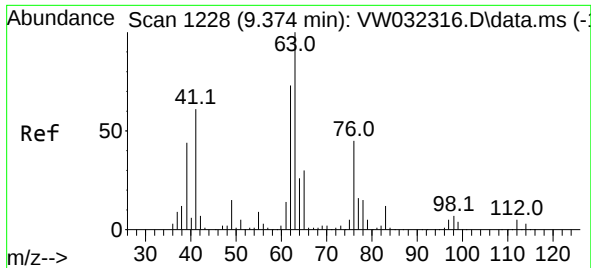
Tgt Ion: 43 Resp: 303008
Ion Ratio Lower Upper
43 100
61 28.8 23.3 34.9
87 13.1 11.1 16.7



#44
Trichloroethene
Concen: 48.781 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion:130 Resp: 180003
Ion Ratio Lower Upper
130 100
95 105.0 0.0 220.0

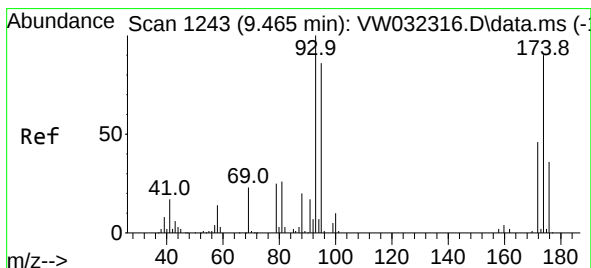
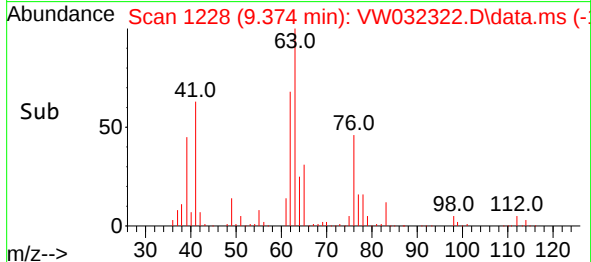
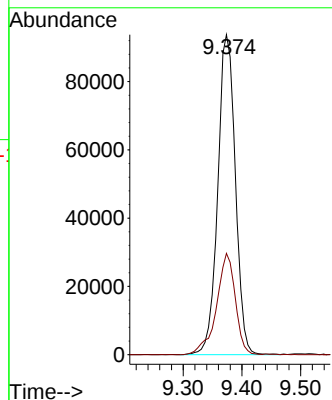
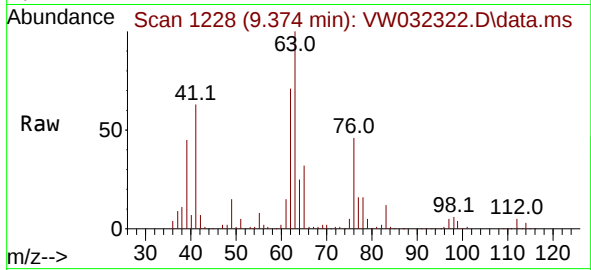




#45
1,2-Dichloropropane
Concen: 49.511 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

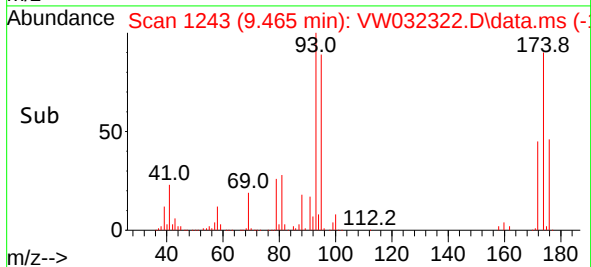
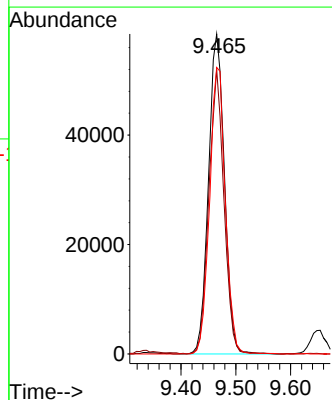
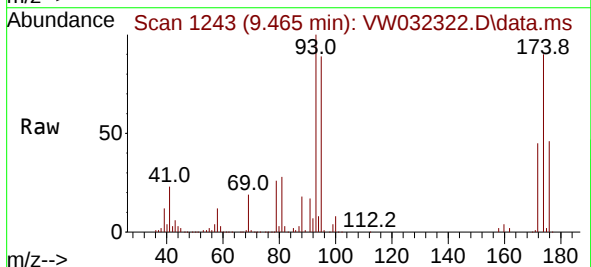
Instrument :
MSVOA_W
ClientSampleId :

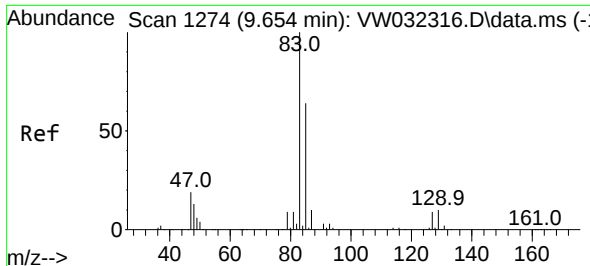
Tgt Ion: 63 Resp: 194753
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5



#46
Dibromomethane
Concen: 48.738 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

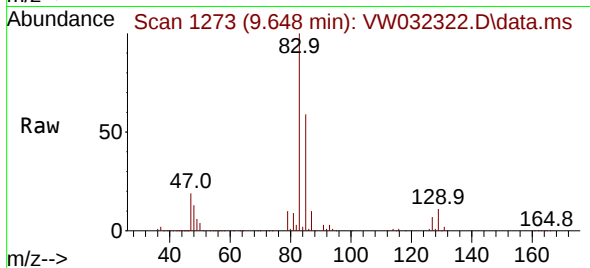
Tgt Ion: 93 Resp: 117887
Ion Ratio Lower Upper
93 100
95 84.2 67.4 101.2
174 88.6 75.7 113.5



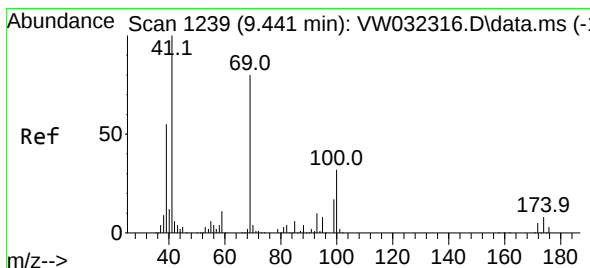
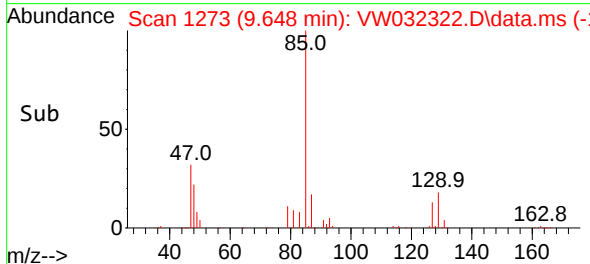
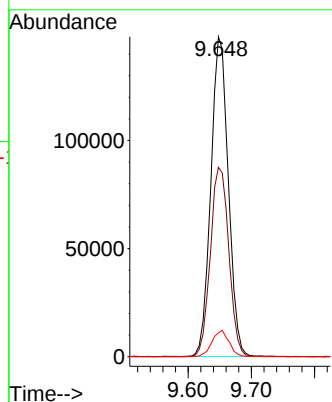


#47
Bromodichloromethane
Concen: 51.228 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

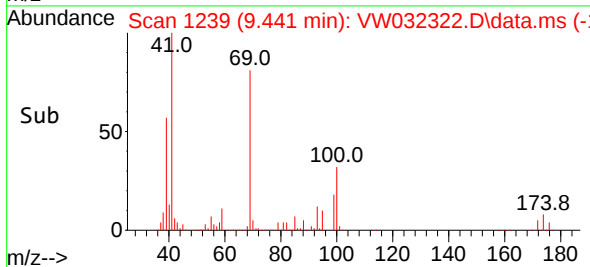
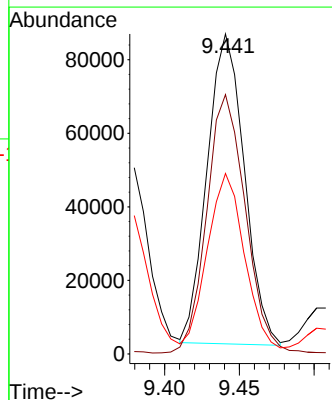
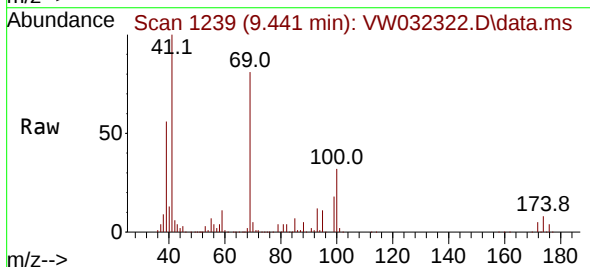


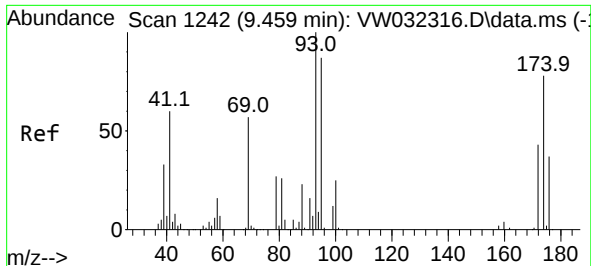
Tgt Ion: 83 Resp: 283409
Ion Ratio Lower Upper
83 100
85 59.2 48.7 73.1
127 7.5 6.4 9.6



#48
Methyl methacrylate
Concen: 50.390 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 41 Resp: 145446
Ion Ratio Lower Upper
41 100
69 87.9 71.5 107.3
39 55.3 55.9 83.9#





#49

1,4-Dioxane

Concen: 966.470 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

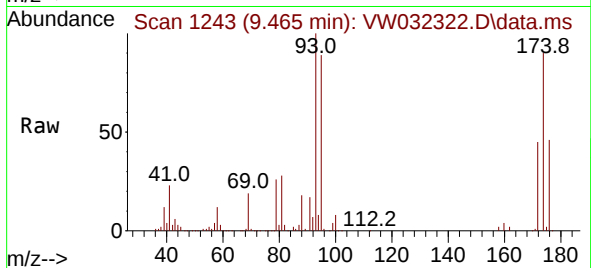
Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

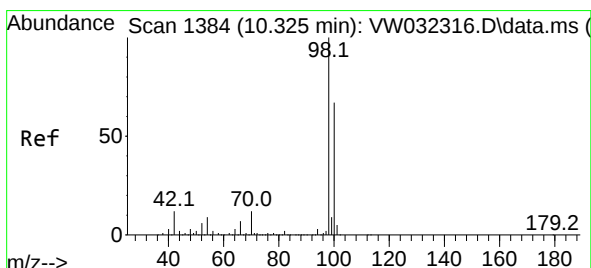
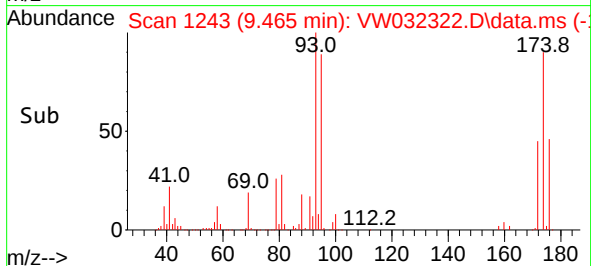
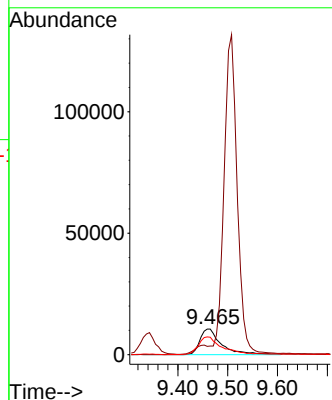
MSVOA_W

ClientSampleId :



Tgt Ion: 88 Resp: 31952

Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	75.6	55.4	83.0



#50

Toluene-d8

Concen: 50.287 ug/l

RT: 10.325 min Scan# 1384

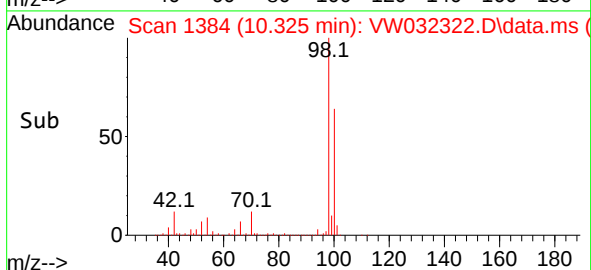
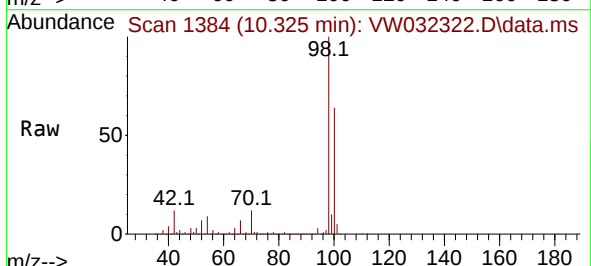
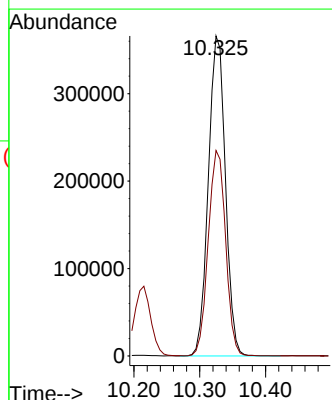
Delta R.T. -0.000 min

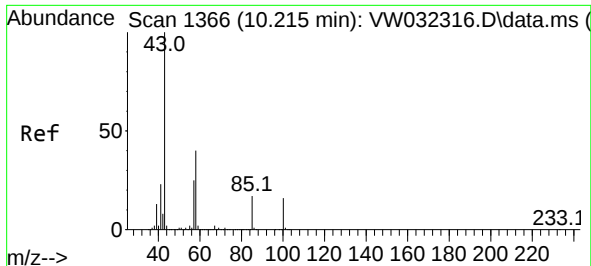
Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Tgt Ion: 98 Resp: 661183

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.2

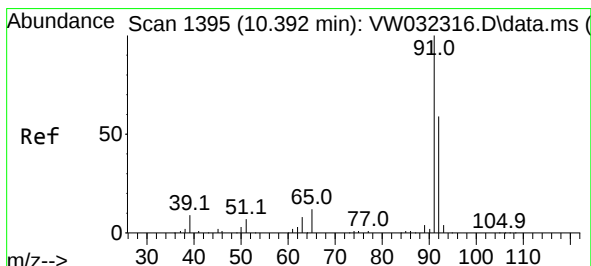
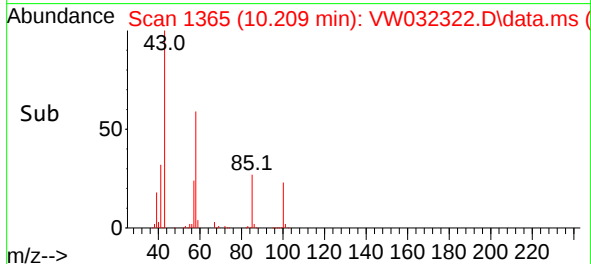
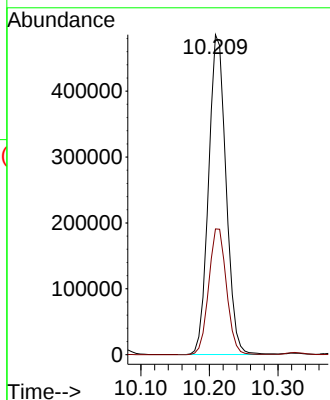
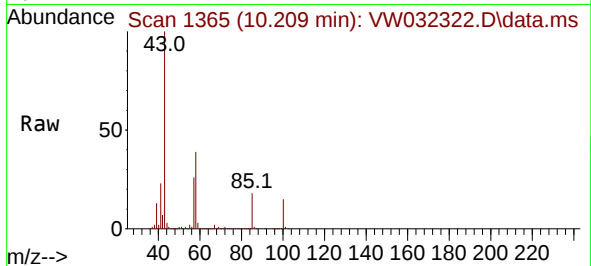




#51
4-Methyl-2-Pentanone
Concen: 250.657 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

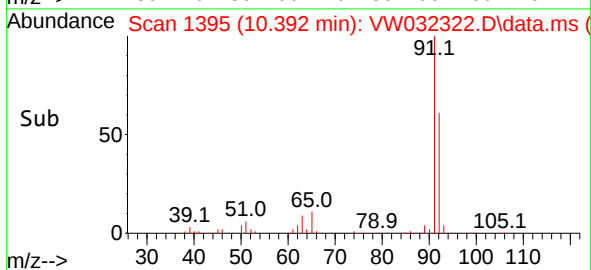
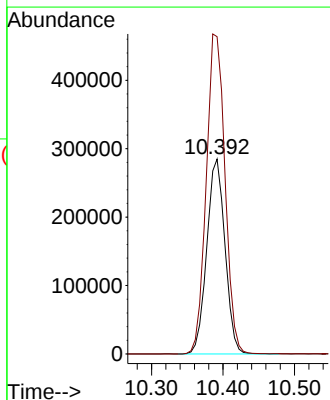
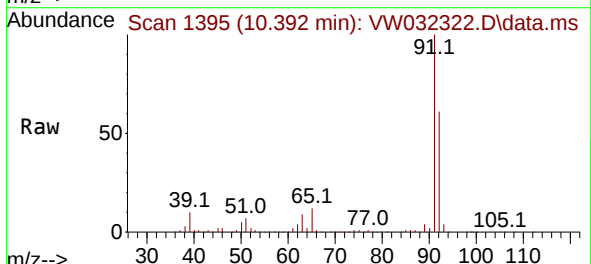
Instrument :
MSVOA_W
ClientSampleId :

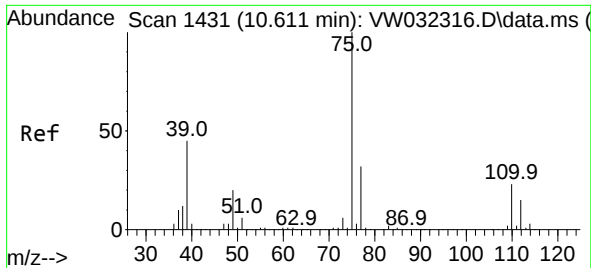
Tgt Ion: 43 Resp: 861879
Ion Ratio Lower Upper
43 100
58 40.0 32.0 48.0



#52
Toluene
Concen: 51.305 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 92 Resp: 503498
Ion Ratio Lower Upper
92 100
91 169.2 137.5 206.3

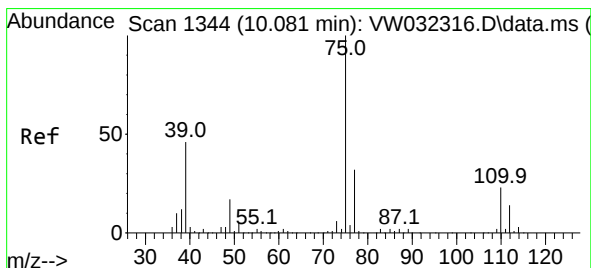
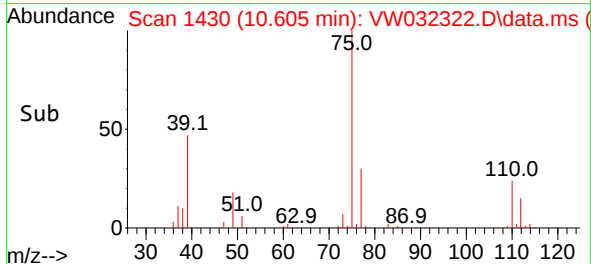
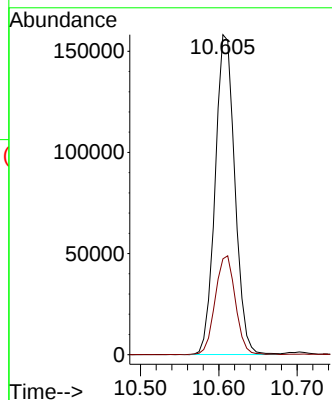
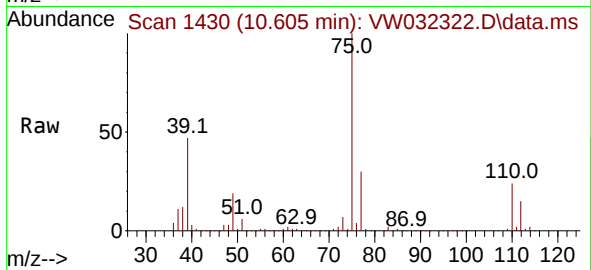




#53
 t-1,3-Dichloropropene
 Concen: 51.454 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

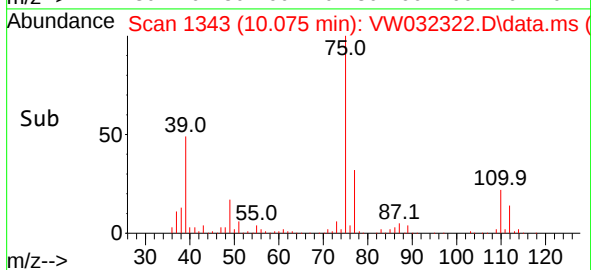
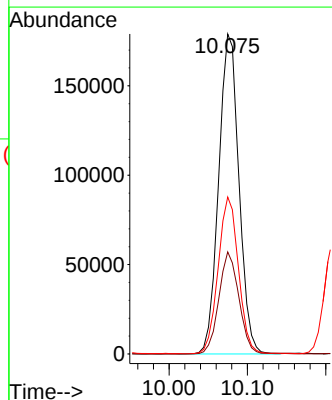
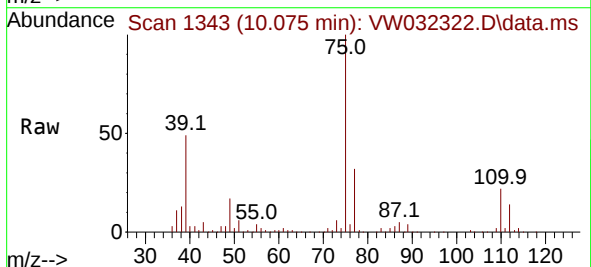
Instrument :
 MSVOA_W
 ClientSampleId :

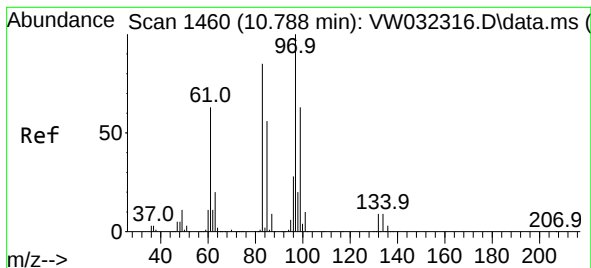
Tgt Ion: 75 Resp: 276167
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.076 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

Tgt Ion: 75 Resp: 321960
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7
 39 48.9 43.2 64.8



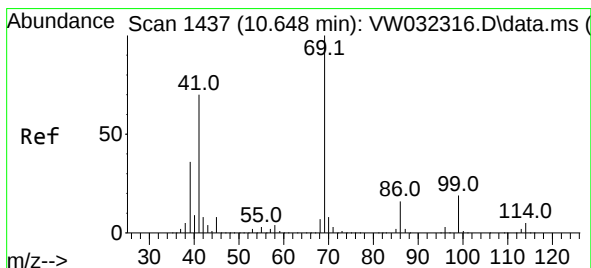
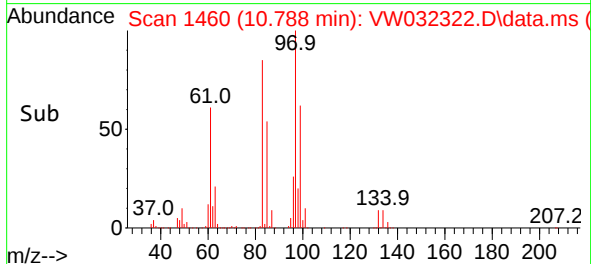
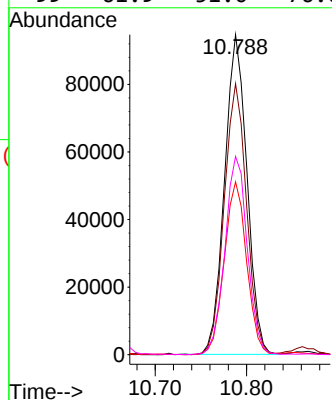
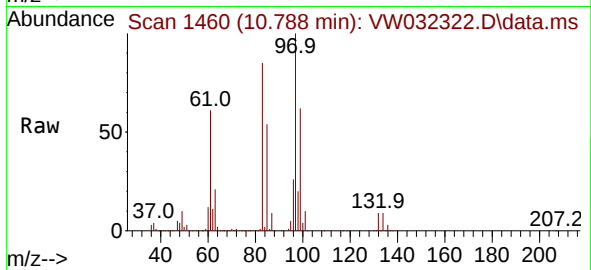


#55
1,1,2-Trichloroethane
Concen: 49.822 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 161062

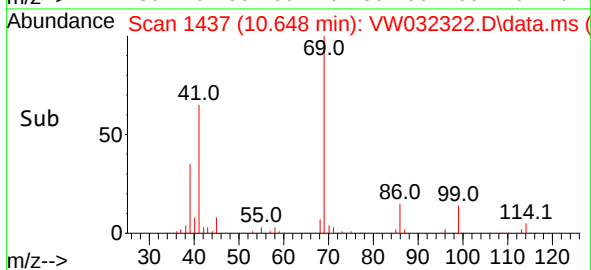
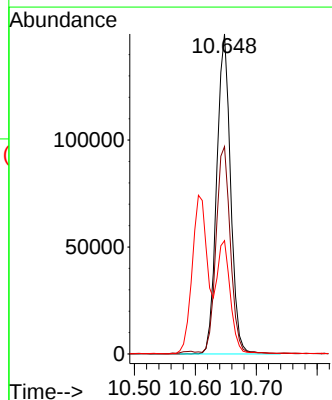
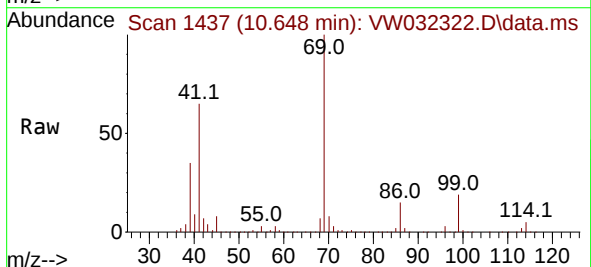
Ion	Ratio	Lower	Upper
97	100		
83	84.7	71.0	106.6
85	54.0	42.8	64.2
99	61.9	51.0	76.6

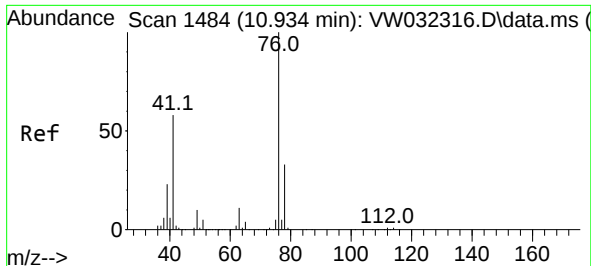


#56
Ethyl methacrylate
Concen: 52.141 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 69 Resp: 235930

Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.2	79.8
39	33.1	32.9	49.3





#57

1,3-Dichloropropane

Concen: 49.768 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

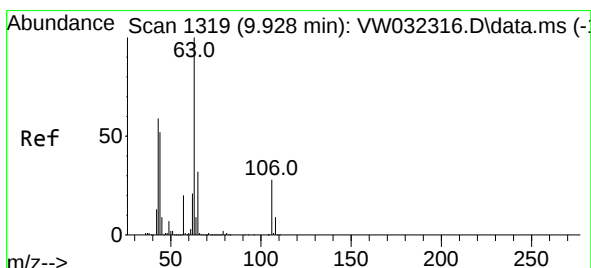
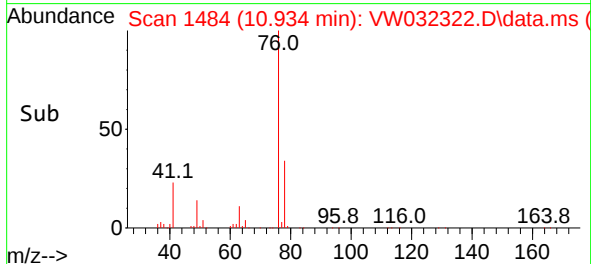
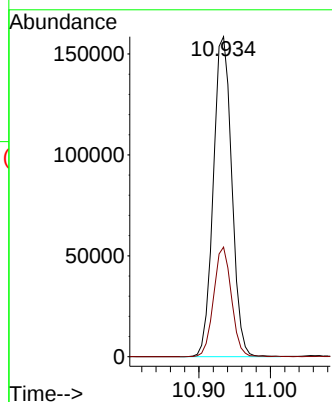
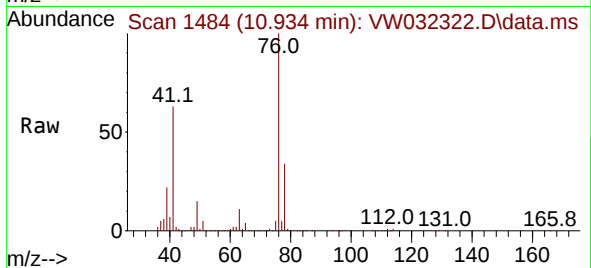
ClientSampleId :

Tgt Ion: 76 Resp: 284160

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.981 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032322.D

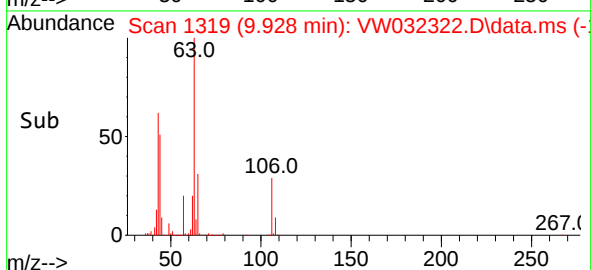
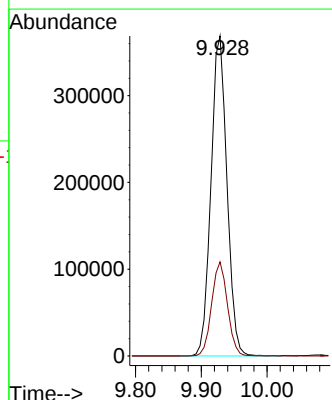
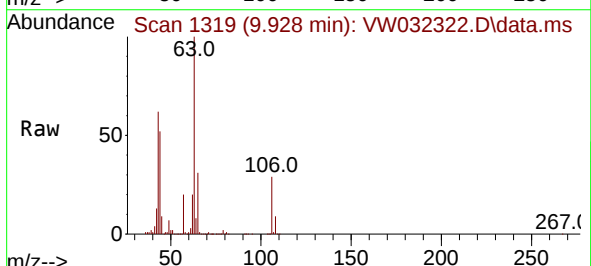
Acq: 02 Oct 2025 10:53

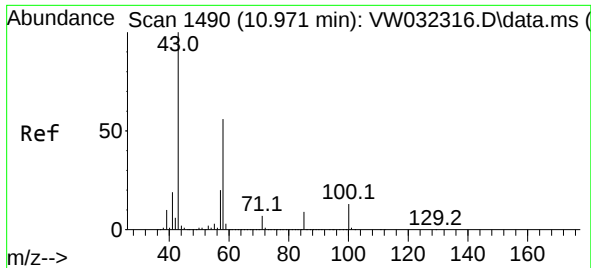
Tgt Ion: 63 Resp: 623659

Ion Ratio Lower Upper

63 100

106 29.0 24.3 36.5

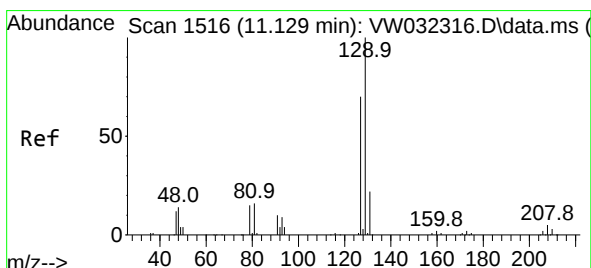
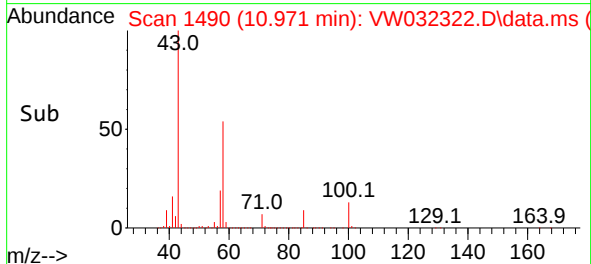
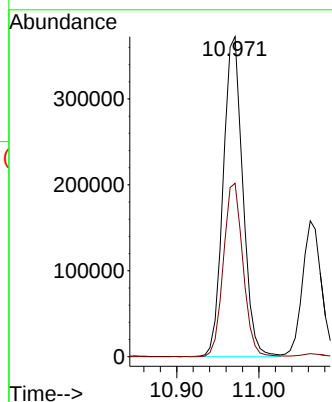
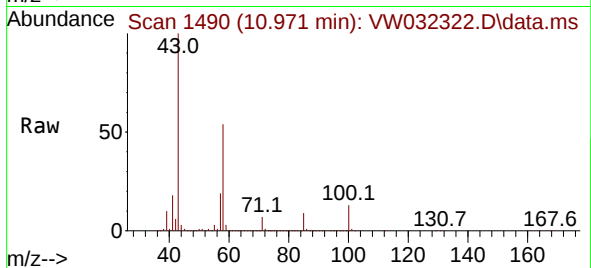




#59
2-Hexanone
Concen: 253.986 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

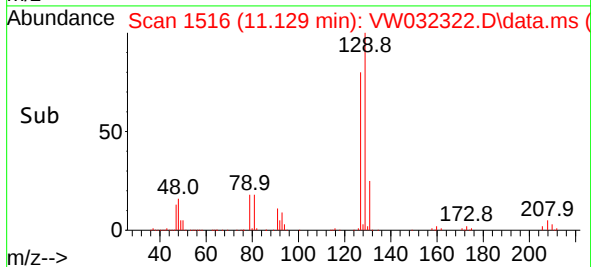
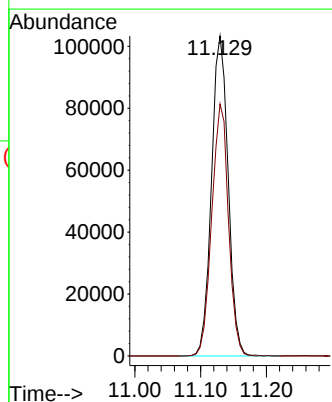
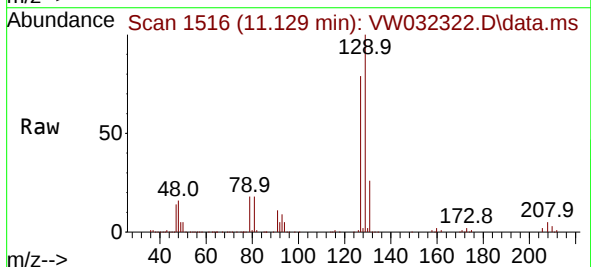
Instrument :
MSVOA_W
ClientSampleId :

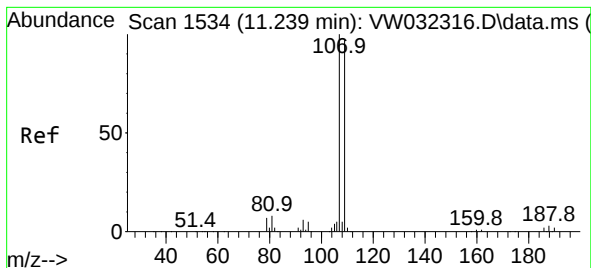
Tgt Ion: 43 Resp: 615946
Ion Ratio Lower Upper
43 100
58 54.2 27.5 82.4



#60
Dibromochloromethane
Concen: 49.668 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

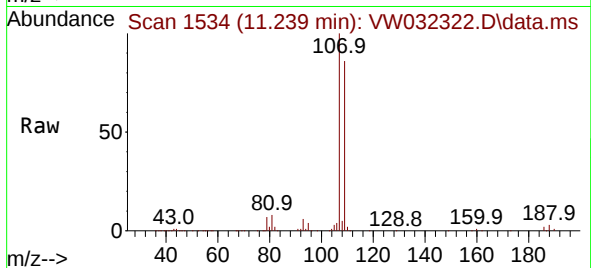
Tgt Ion:129 Resp: 182317
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.5



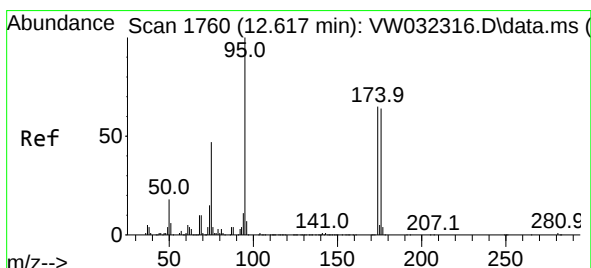
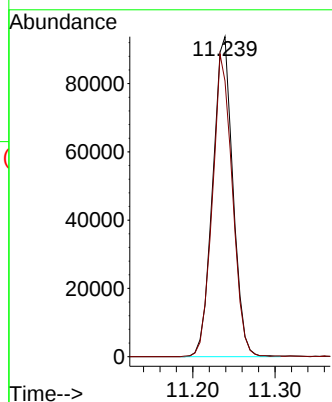
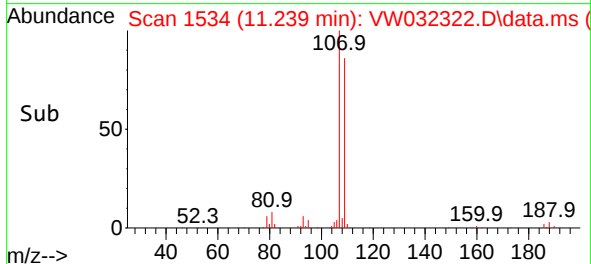


#61
1,2-Dibromoethane
Concen: 50.652 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

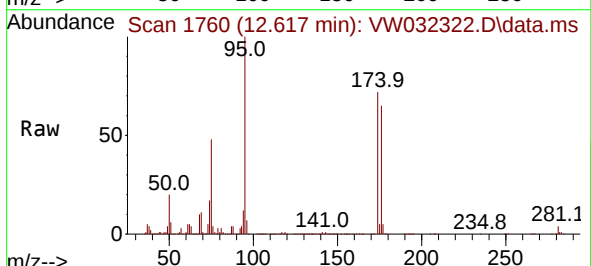
Instrument :
MSVOA_W
ClientSampleId :



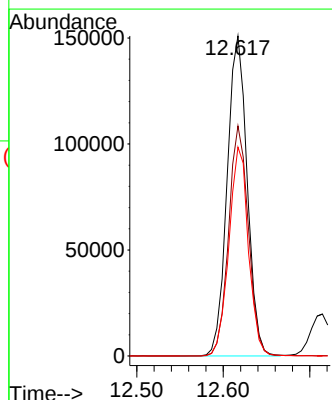
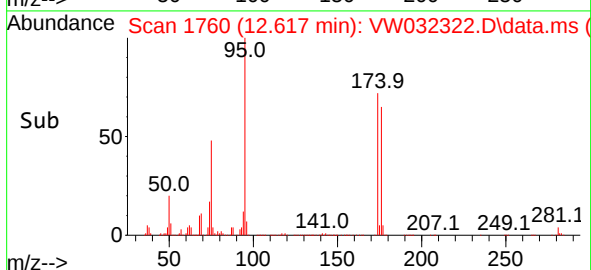
Tgt Ion:107 Resp: 159667
Ion Ratio Lower Upper
107 100
109 93.3 74.5 111.7

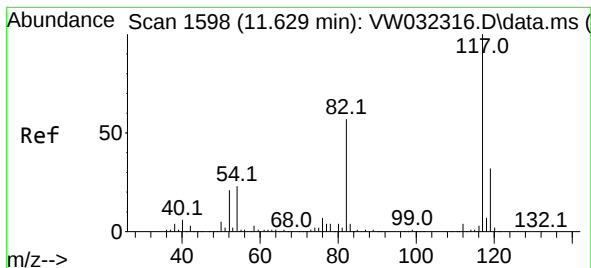


#62
4-Bromofluorobenzene
Concen: 48.807 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53



Tgt Ion: 95 Resp: 242552
Ion Ratio Lower Upper
95 100
174 70.9 0.0 145.6
176 63.7 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

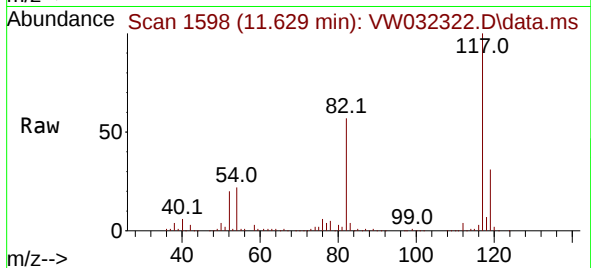
Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :



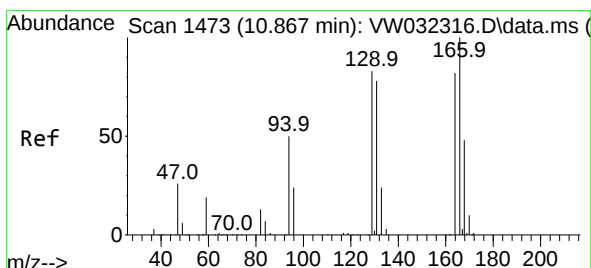
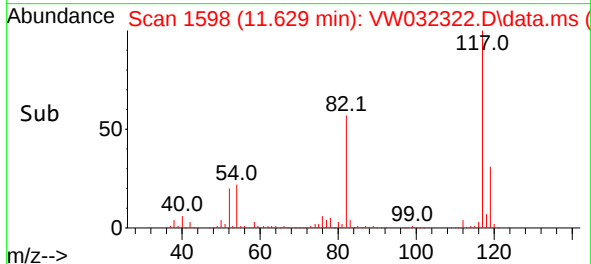
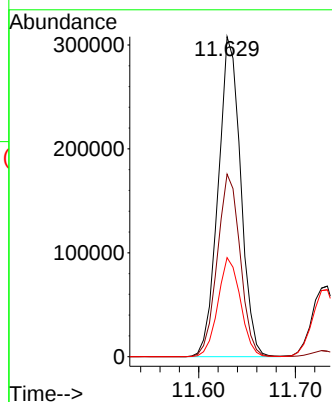
Tgt Ion:117 Resp: 496155

Ion Ratio Lower Upper

117 100

82 57.0 42.7 64.1

119 31.0 25.2 37.8



#64

Tetrachloroethene

Concen: 49.970 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Tgt Ion:164 Resp: 148353

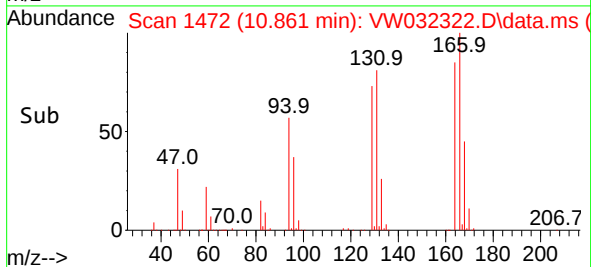
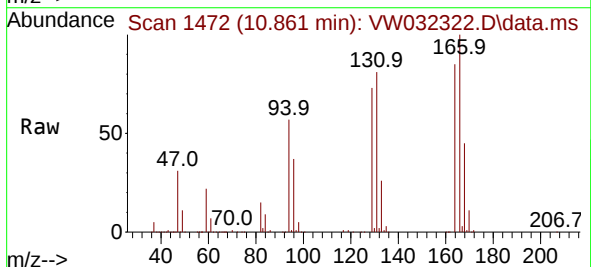
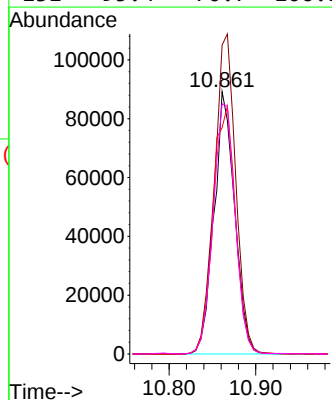
Ion Ratio Lower Upper

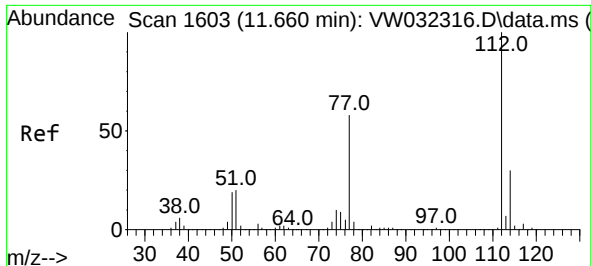
164 100

166 117.8 97.5 146.3

129 86.3 71.2 106.8

131 95.4 70.7 106.1

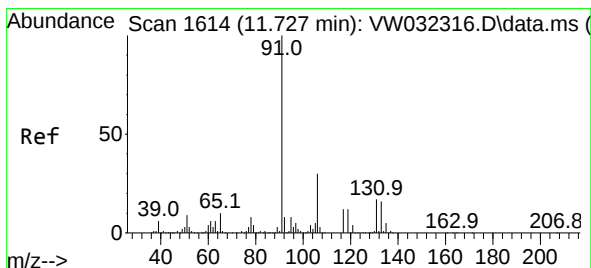
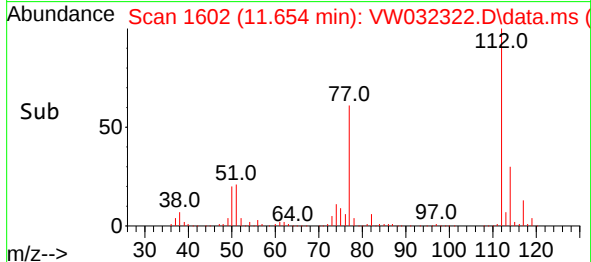
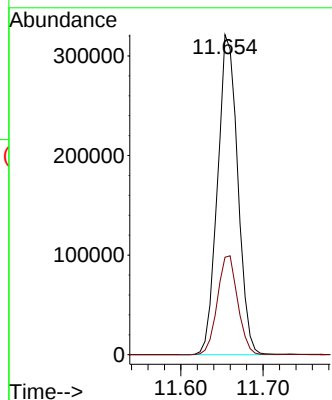
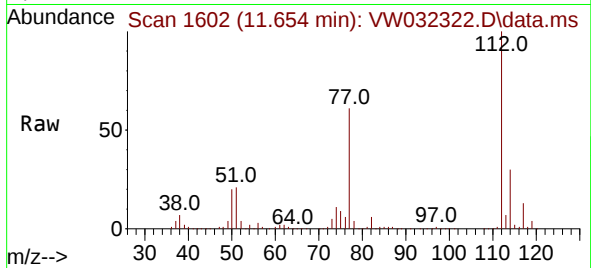




#65
Chlorobenzene
Concen: 50.244 ug/l
RT: 11.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

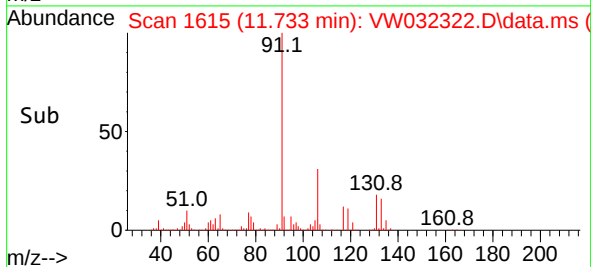
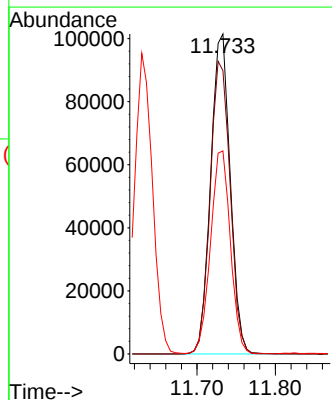
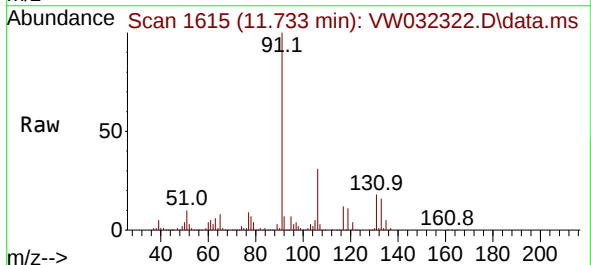
Instrument :
MSVOA_W
ClientSampleId :

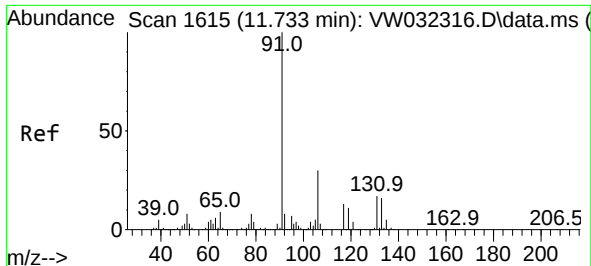
Tgt Ion:112 Resp: 548498
Ion Ratio Lower Upper
112 100
114 30.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.684 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion:131 Resp: 175734
Ion Ratio Lower Upper
131 100
133 93.7 47.7 143.1
119 64.5 32.8 98.3





#67

Ethyl Benzene

Concen: 52.900 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

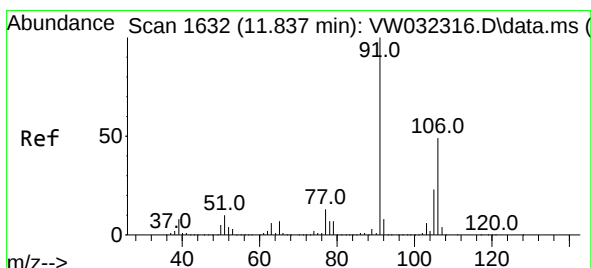
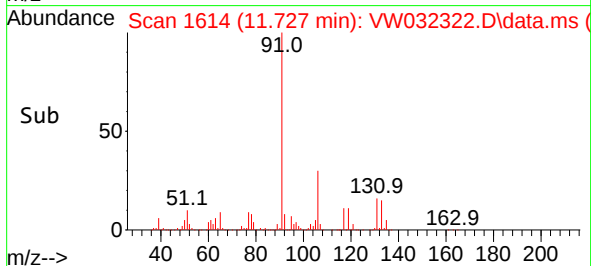
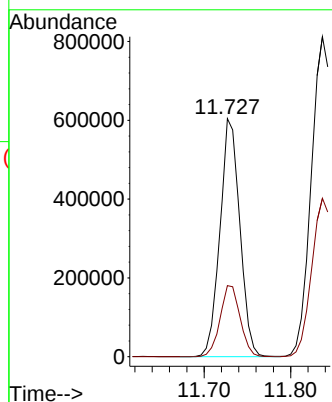
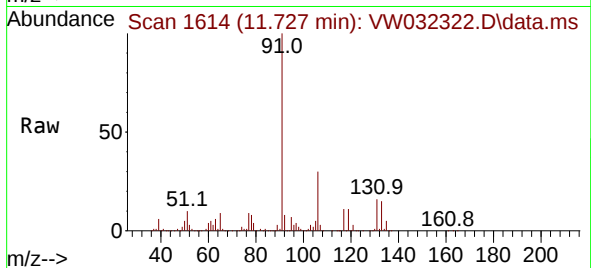
ClientSampleId :

Tgt Ion: 91 Resp: 962613

Ion Ratio Lower Upper

91 100

106 29.8 25.3 37.9



#68

m/p-Xylenes

Concen: 105.349 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032322.D

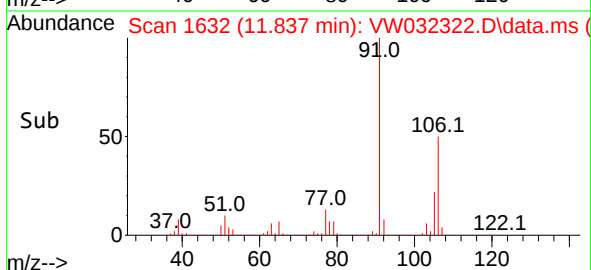
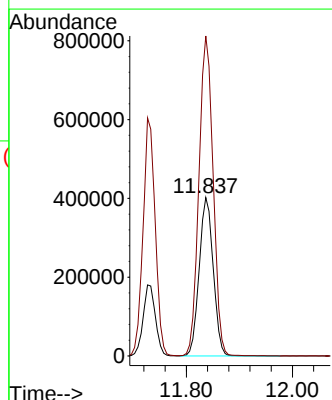
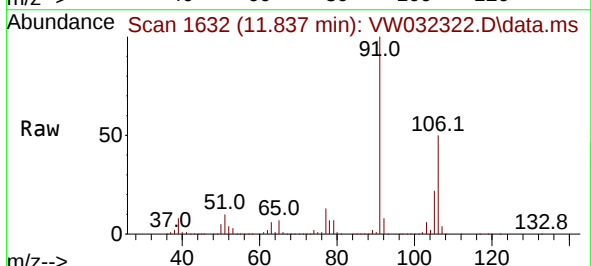
Acq: 02 Oct 2025 10:53

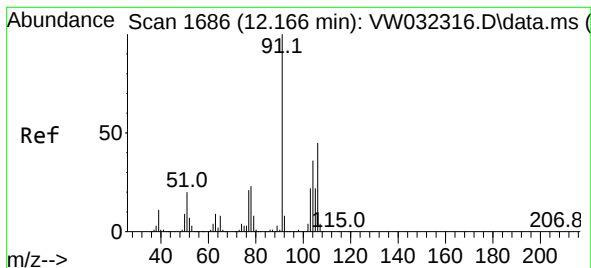
Tgt Ion:106 Resp: 739215

Ion Ratio Lower Upper

106 100

91 204.4 164.2 246.2

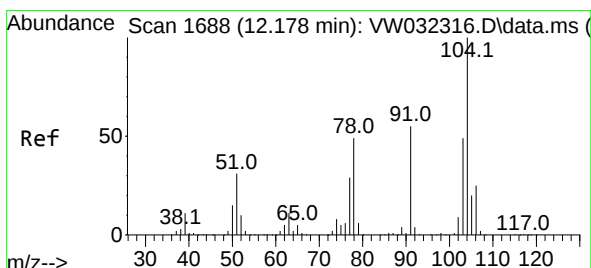
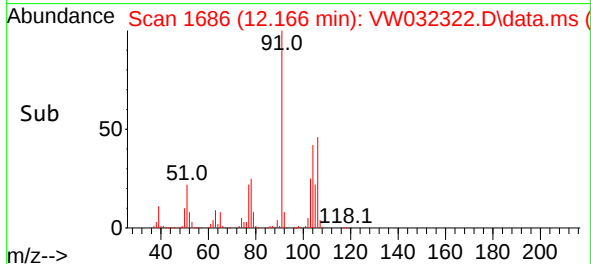
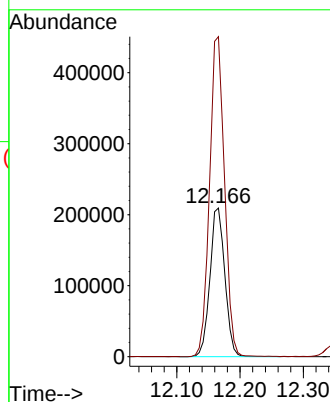
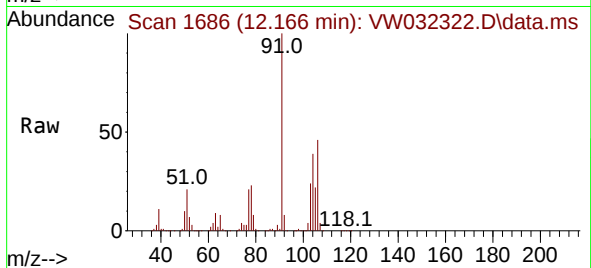




#69
o-Xylene
Concen: 52.266 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

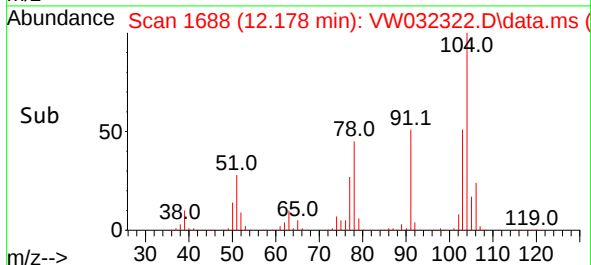
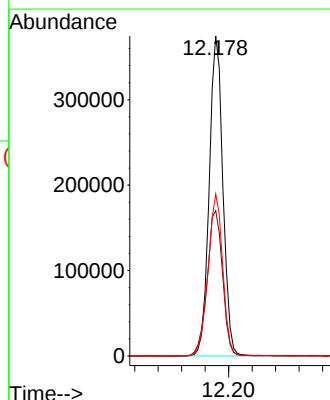
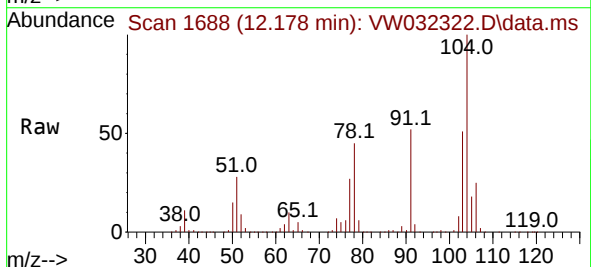
Instrument :
MSVOA_W
ClientSampleId :

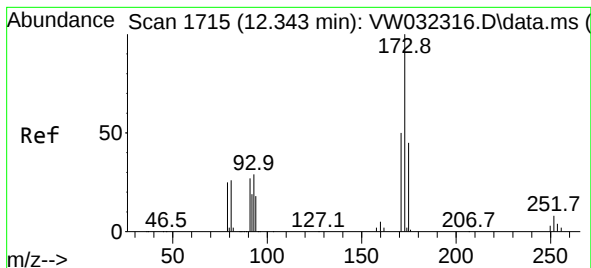
Tgt Ion:106 Resp: 342966
Ion Ratio Lower Upper
106 100
91 216.5 108.7 326.3



#70
Styrene
Concen: 52.915 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion:104 Resp: 606232
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 54.2 44.8 67.2





#71

Bromoform

Concen: 49.554 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

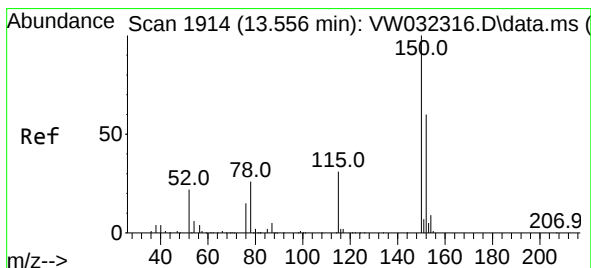
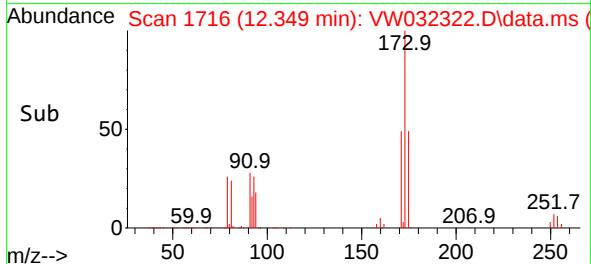
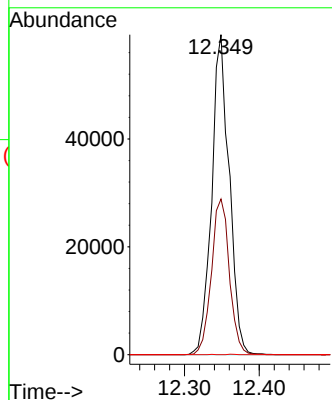
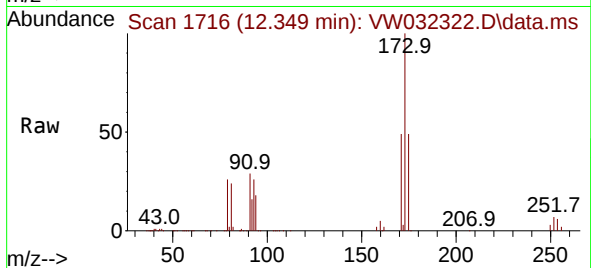
Tgt Ion:173 Resp: 96579

Ion Ratio Lower Upper

173 100

175 49.9 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

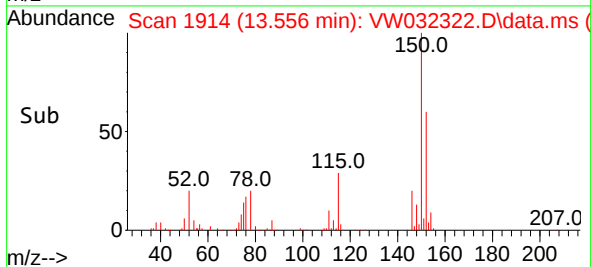
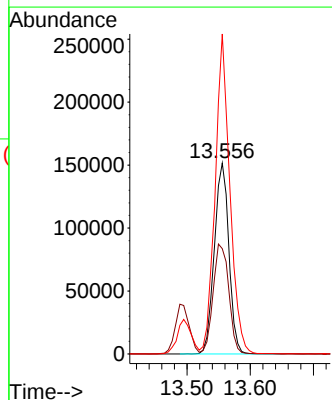
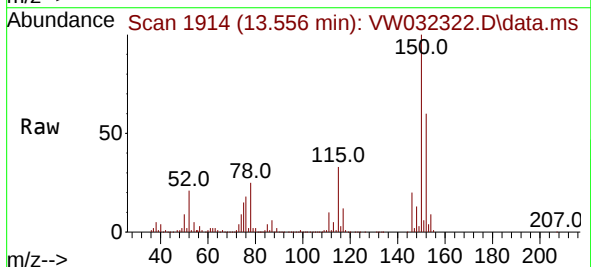
Tgt Ion:152 Resp: 241629

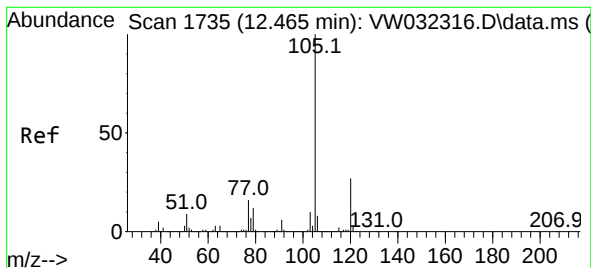
Ion Ratio Lower Upper

152 100

115 61.8 31.8 95.4

150 169.5 0.0 343.0





#73

Isopropylbenzene

Concen: 53.633 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

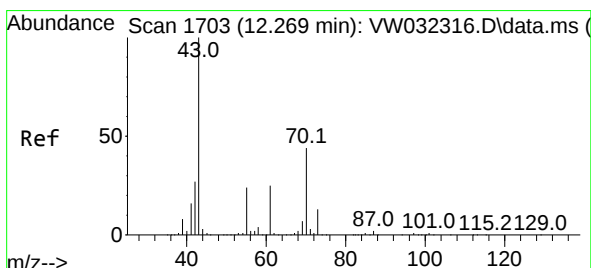
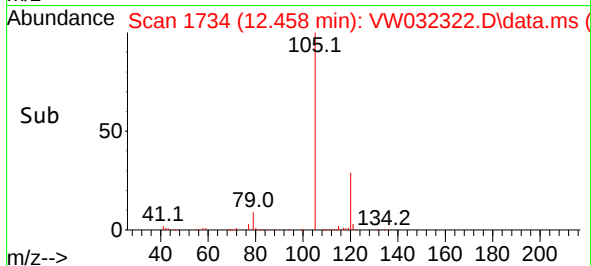
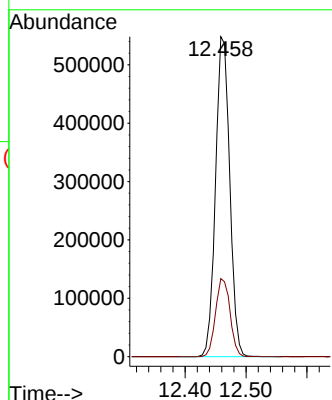
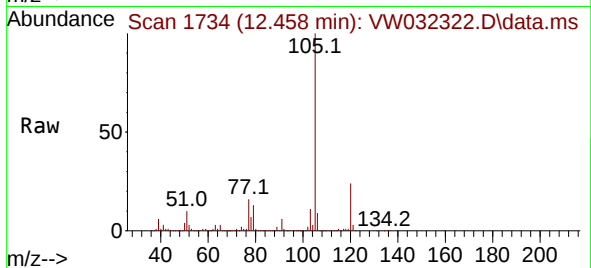
ClientSampleId :

Tgt Ion:105 Resp: 886623

Ion Ratio Lower Upper

105 100

120 24.9 13.0 38.9



#74

N-ethyl acetate

Concen: 53.025 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Tgt Ion: 43 Resp: 279636

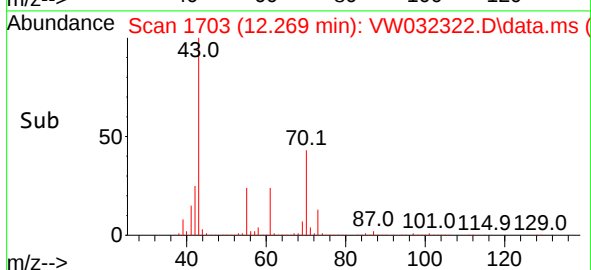
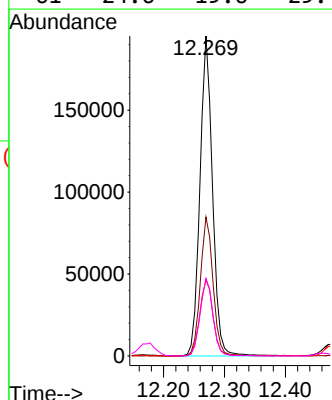
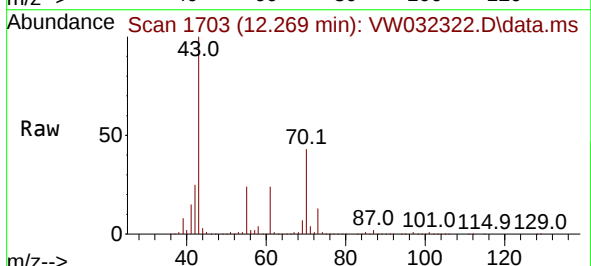
Ion Ratio Lower Upper

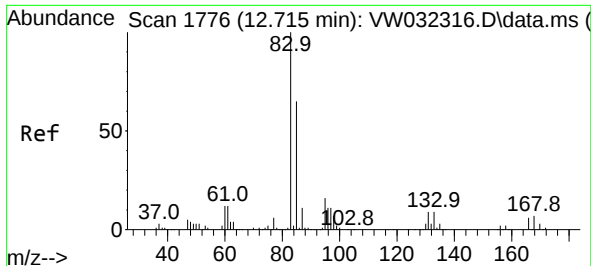
43 100

70 43.8 35.3 52.9

55 25.3 19.9 29.9

61 24.6 19.6 29.4

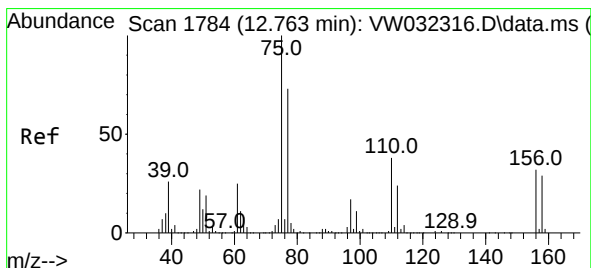
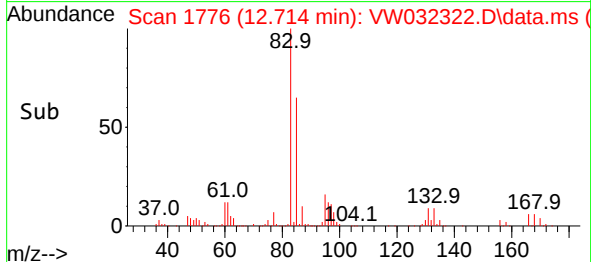
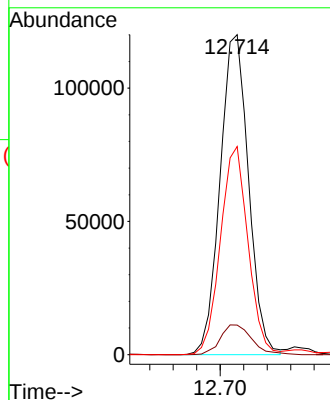
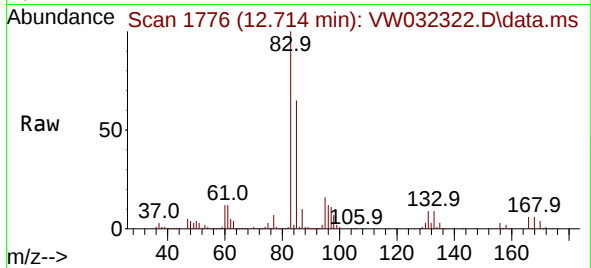




#75
1,1,2,2-Tetrachloroethane
Concen: 49.242 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

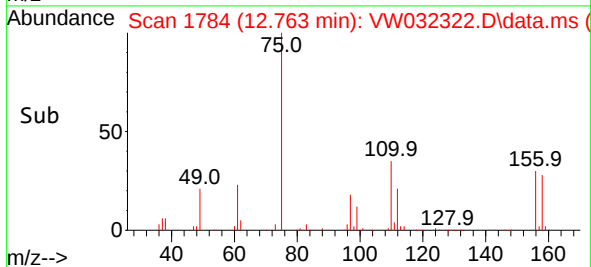
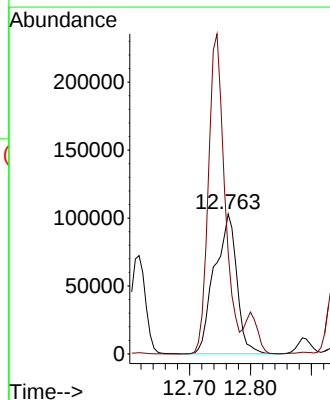
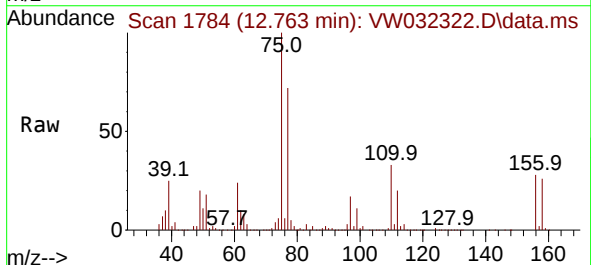
Instrument :
MSVOA_W
ClientSampleId :

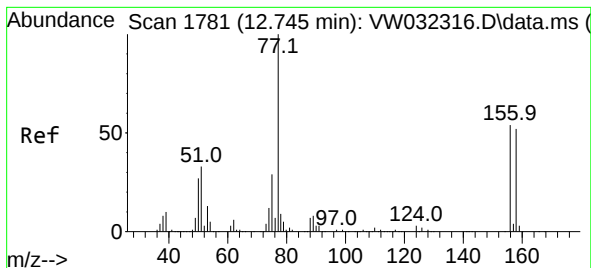
Tgt Ion: 83 Resp: 202120
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 63.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 82.025 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 75 Resp: 260816
Ion Ratio Lower Upper
75 100
77 168.6 141.7 425.1





#77

Bromobenzene

Concen: 50.031 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

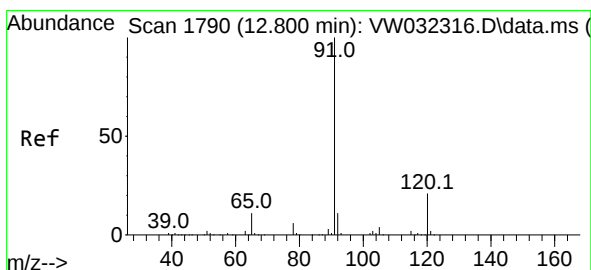
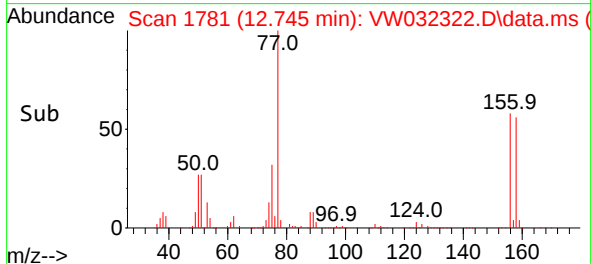
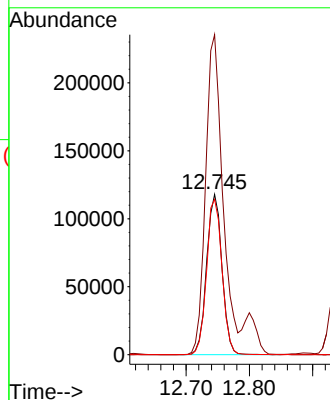
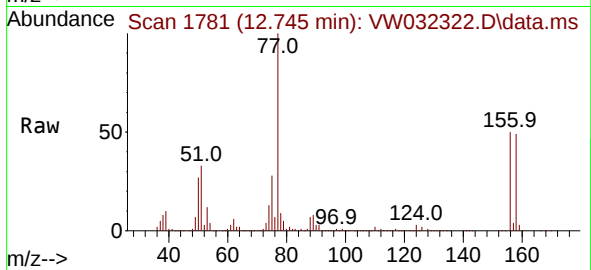
Tgt Ion:156 Resp: 199369

Ion Ratio Lower Upper

156 100

77 220.6 98.6 295.7

158 97.3 48.4 145.0



#78

n-propylbenzene

Concen: 52.979 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032322.D

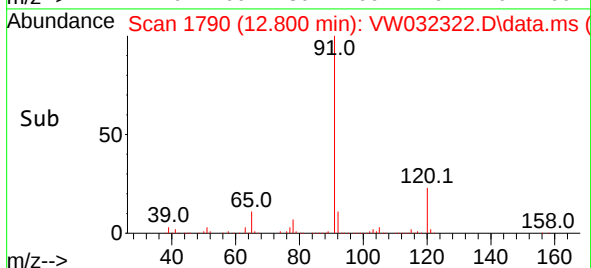
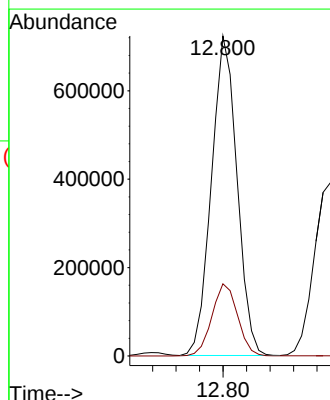
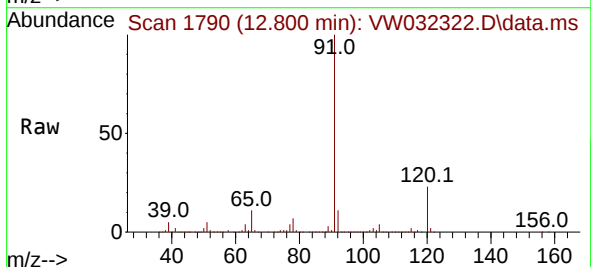
Acq: 02 Oct 2025 10:53

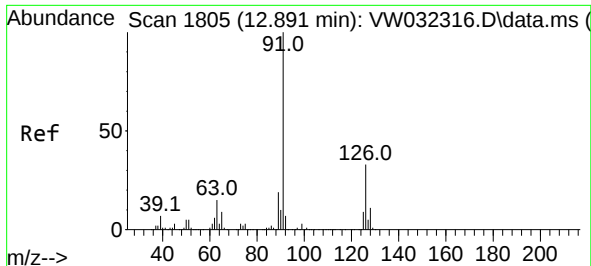
Tgt Ion: 91 Resp: 1093992

Ion Ratio Lower Upper

91 100

120 22.7 11.8 35.4

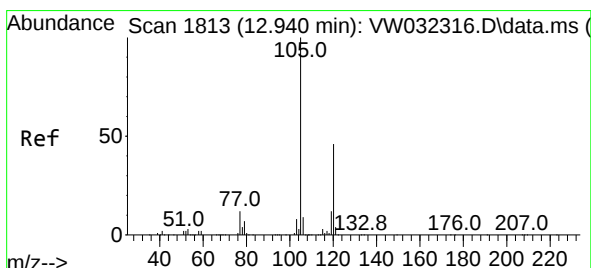
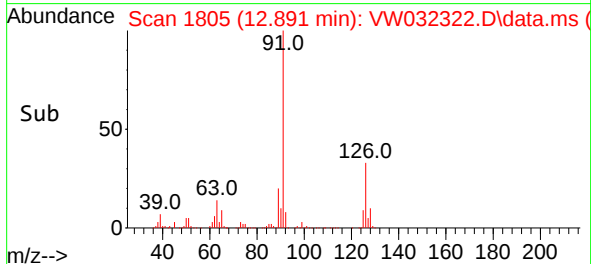
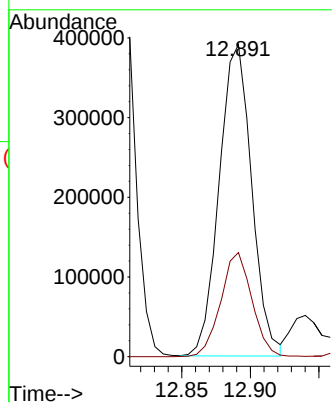
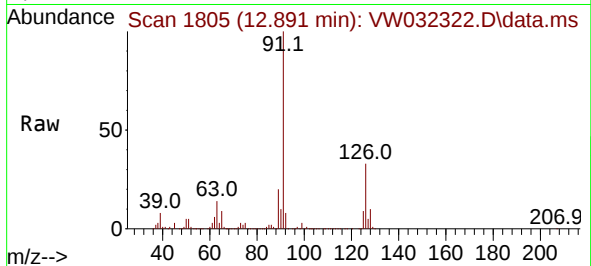




#79
2-Chlorotoluene
Concen: 51.061 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

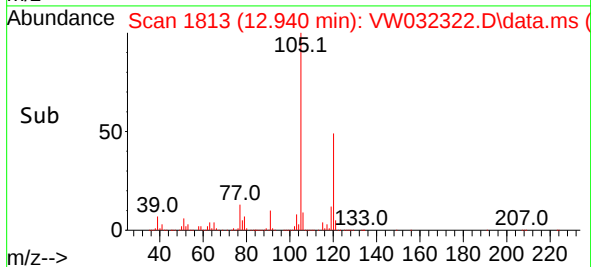
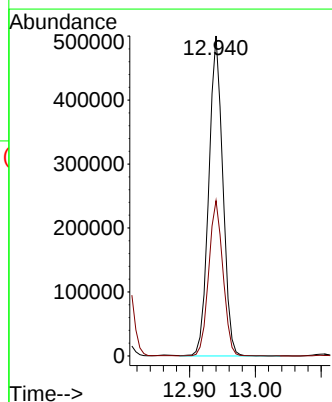
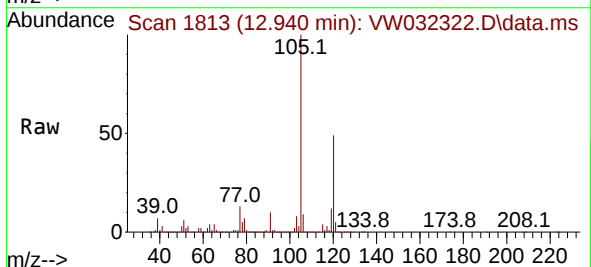
Instrument :
MSVOA_W
ClientSampleId :

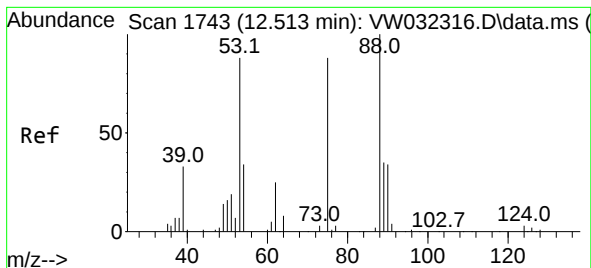
Tgt Ion: 91 Resp: 644701
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 51.876 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion:105 Resp: 741535
Ion Ratio Lower Upper
105 100
120 49.2 24.8 74.4

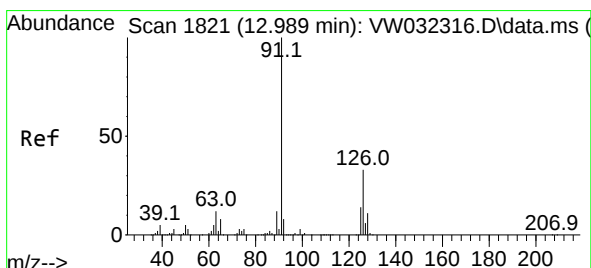
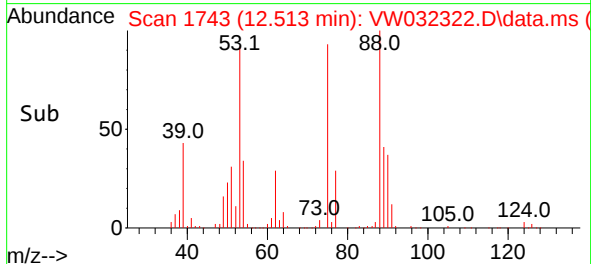
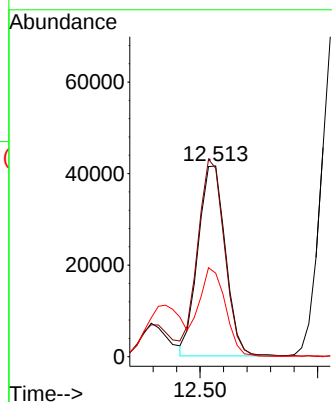
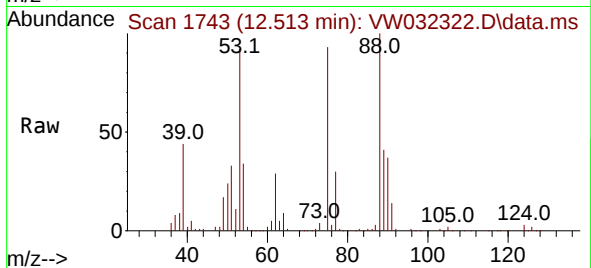




#81
trans-1,4-Dichloro-2-butene
Concen: 53.655 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

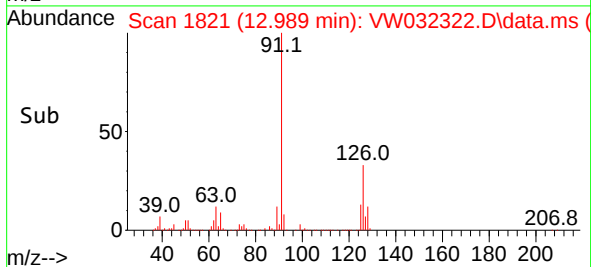
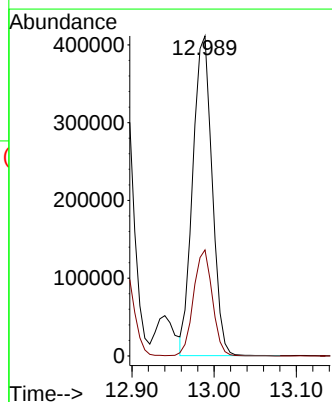
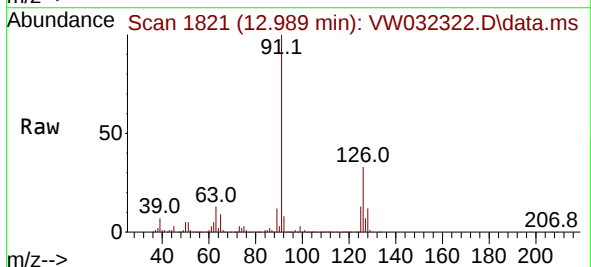
Instrument :
MSVOA_W
ClientSampleId :

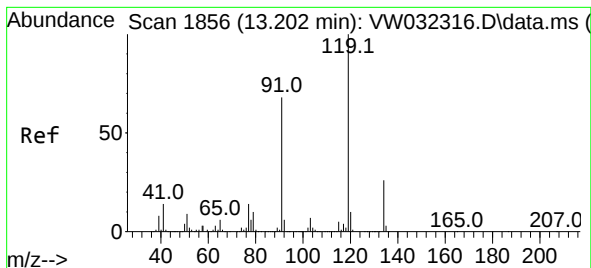
Tgt Ion: 75 Resp: 67346
Ion Ratio Lower Upper
75 100
53 102.4 91.0 136.6
89 45.3 39.4 59.2



#82
4-Chlorotoluene
Concen: 49.898 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion: 91 Resp: 669810
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.2

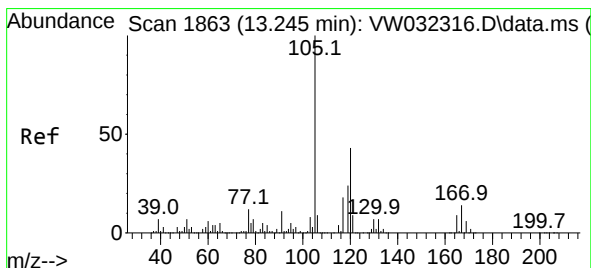
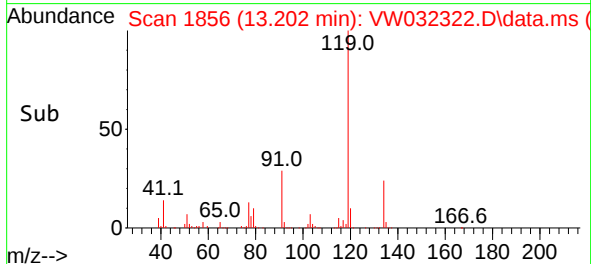
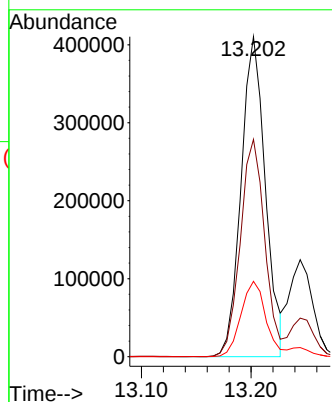
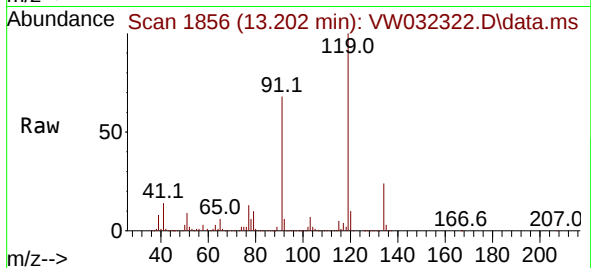




#83
 tert-Butylbenzene
 Concen: 53.908 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

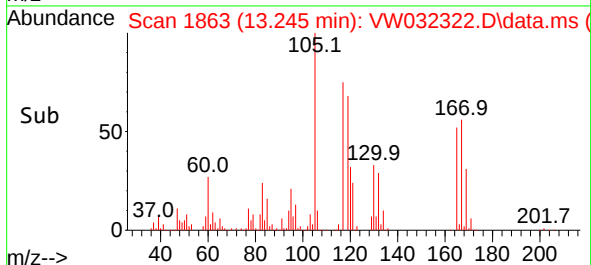
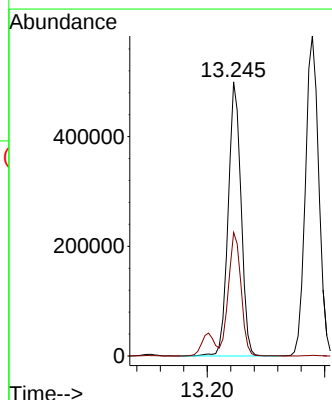
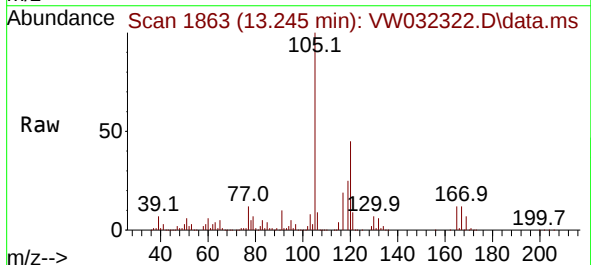
Instrument :
 MSVOA_W
 ClientSampleId :

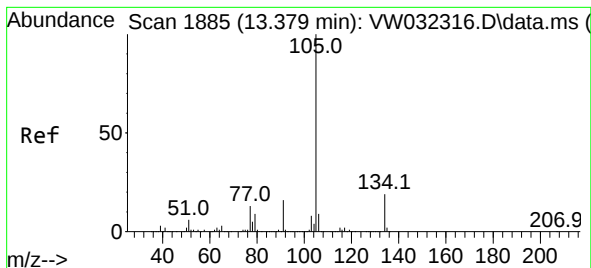
Tgt Ion:119 Resp: 632261
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.8 101.3
 134 24.3 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.065 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032322.D
 Acq: 02 Oct 2025 10:53

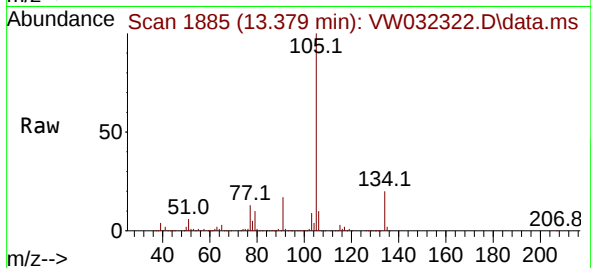
Tgt Ion:105 Resp: 756773
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.3



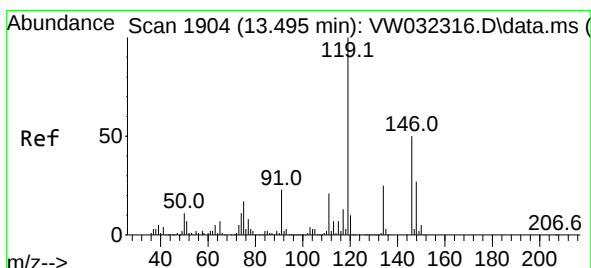
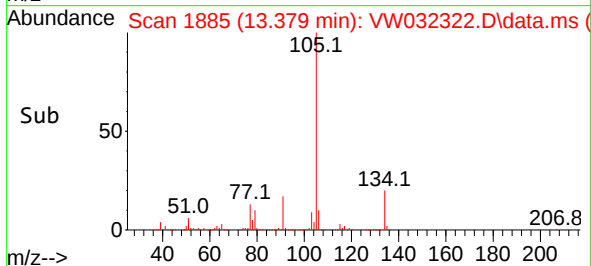
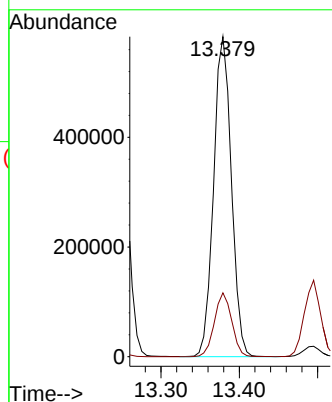


#85
sec-Butylbenzene
Concen: 51.296 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

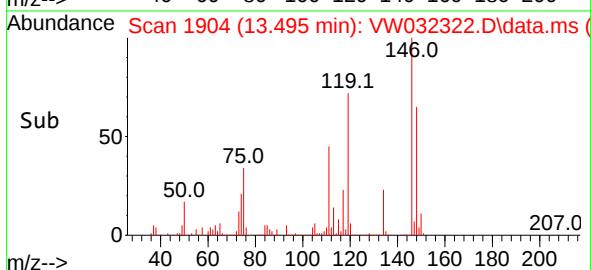
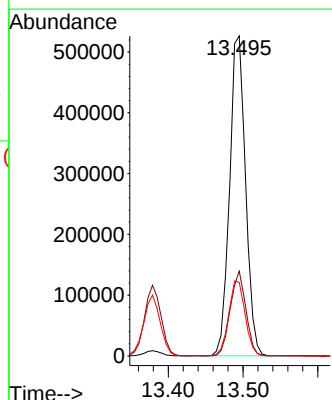
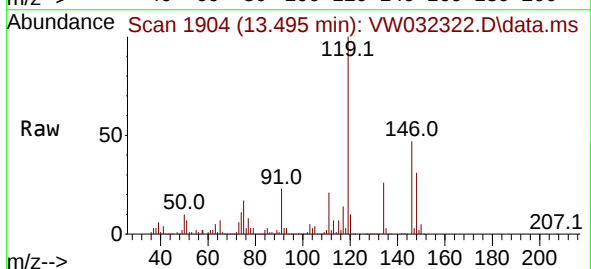


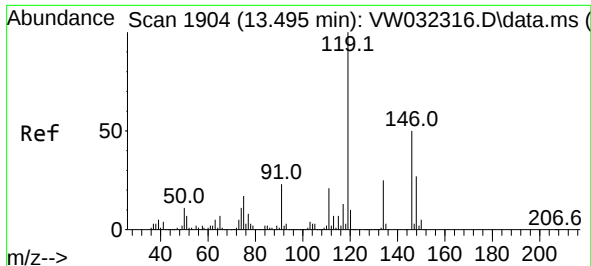
Tgt Ion:105 Resp: 919404
Ion Ratio Lower Upper
105 100
134 19.5 10.1 30.1



#86
p-Isopropyltoluene
Concen: 52.706 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion:119 Resp: 783843
Ion Ratio Lower Upper
119 100
134 25.8 12.6 37.6
91 24.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.181 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

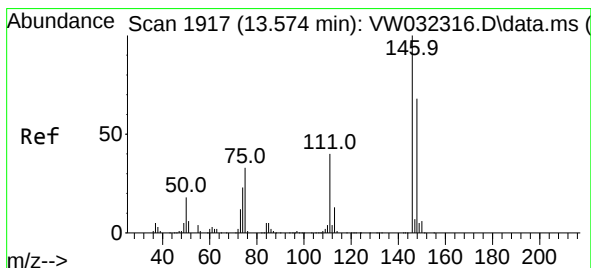
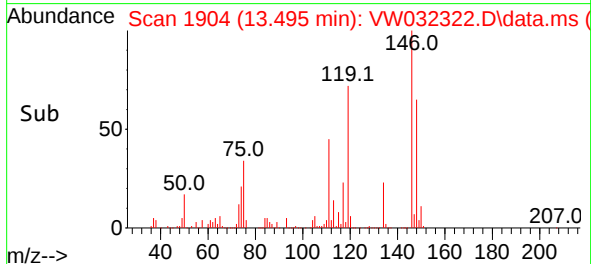
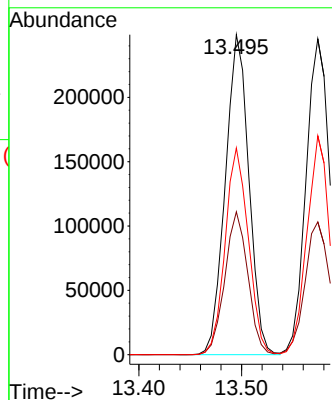
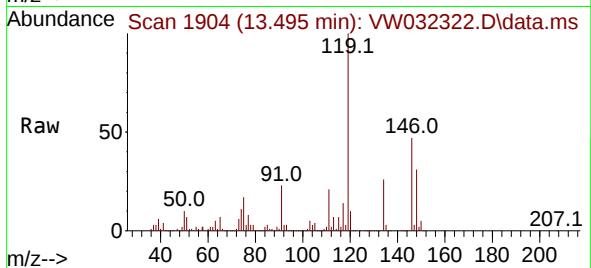
Tgt Ion:146 Resp: 396852

Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.9

148 63.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 49.216 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

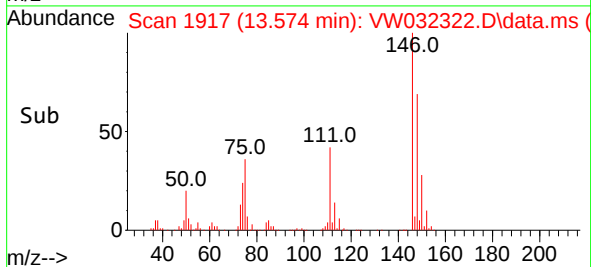
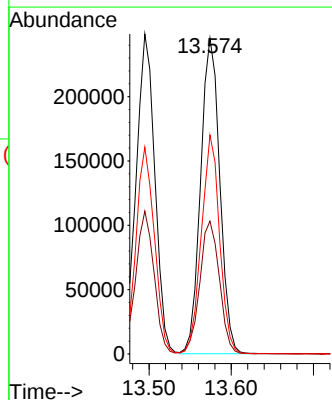
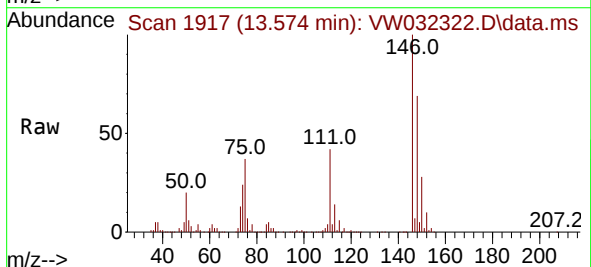
Tgt Ion:146 Resp: 397095

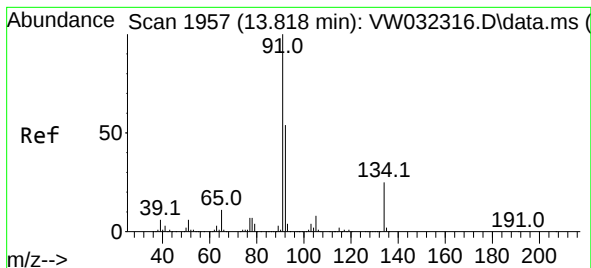
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.7

148 65.9 33.4 100.1





#89

n-Butylbenzene

Concen: 53.077 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

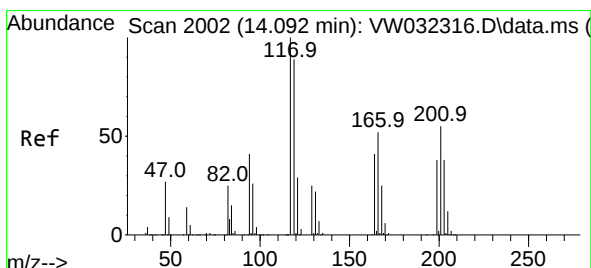
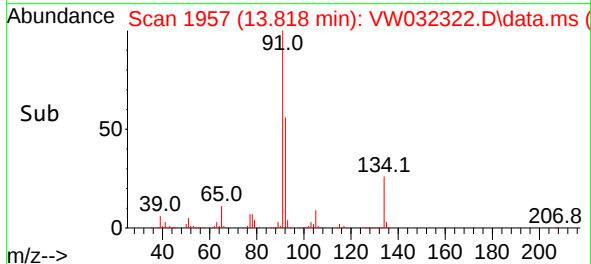
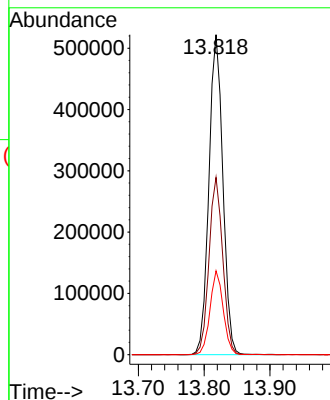
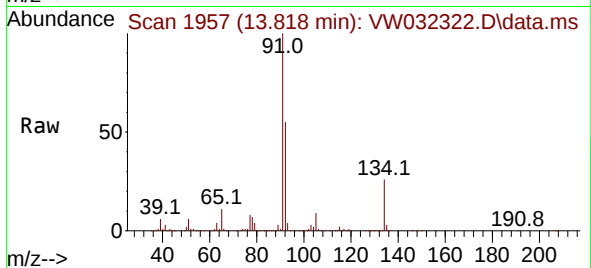
Tgt Ion: 91 Resp: 770708

Ion Ratio Lower Upper

91 100

92 54.5 27.0 81.0

134 24.9 13.1 39.3



#90

Hexachloroethane

Concen: 51.605 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032322.D

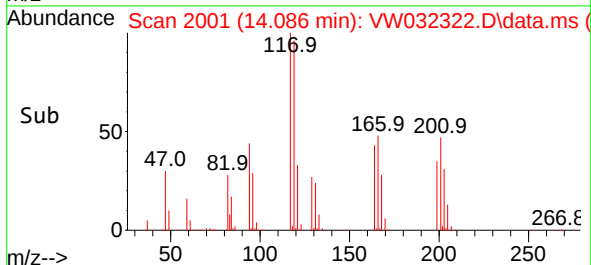
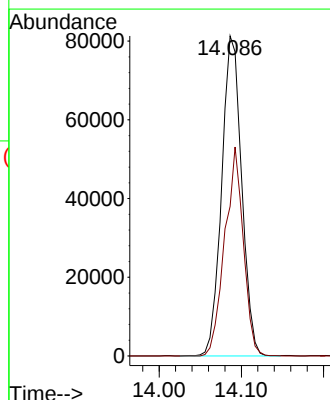
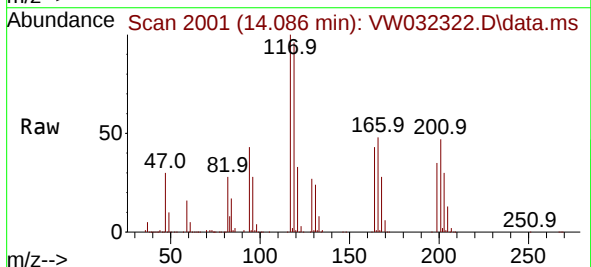
Acq: 02 Oct 2025 10:53

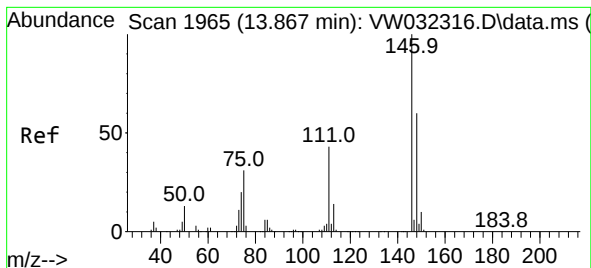
Tgt Ion: 117 Resp: 137562

Ion Ratio Lower Upper

117 100

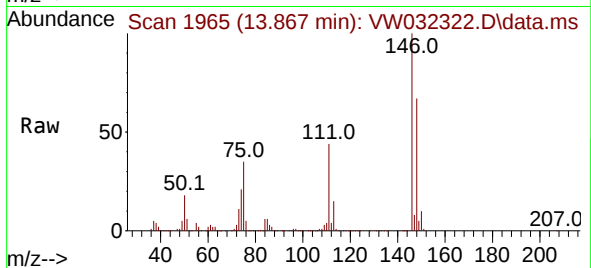
201 60.6 32.8 98.4



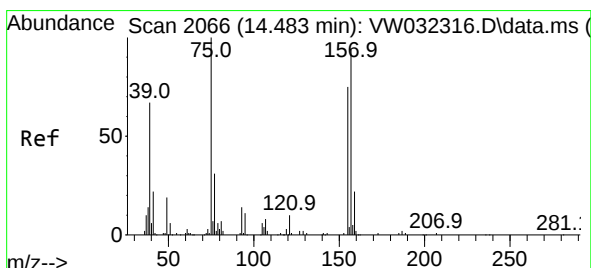
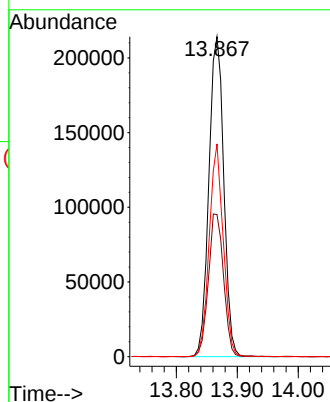
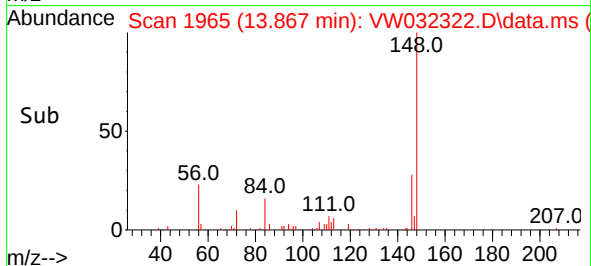


#91
1,2-Dichlorobenzene
Concen: 49.794 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

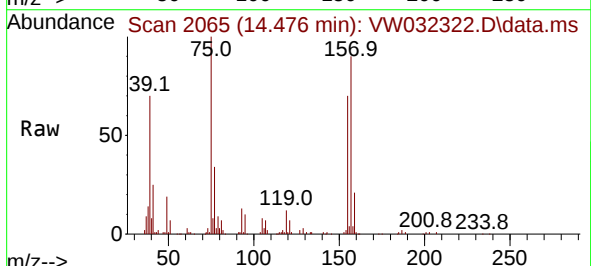
Instrument :
MSVOA_W
ClientSampleId :



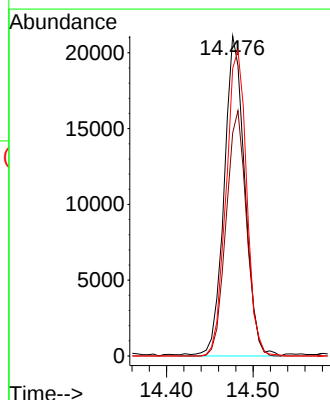
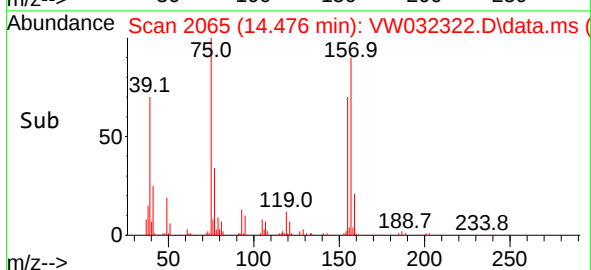
Tgt Ion:146 Resp: 363209
Ion Ratio Lower Upper
146 100
111 45.7 23.4 70.0
148 62.7 34.1 102.3

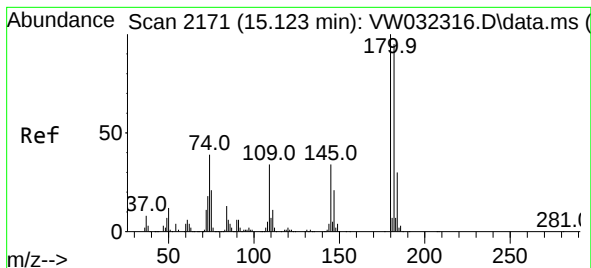


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.727 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53



Tgt Ion: 75 Resp: 35018
Ion Ratio Lower Upper
75 100
155 75.7 40.8 122.5
157 94.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 50.984 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

Instrument :

MSVOA_W

ClientSampleId :

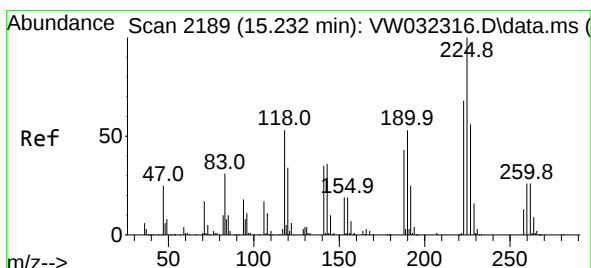
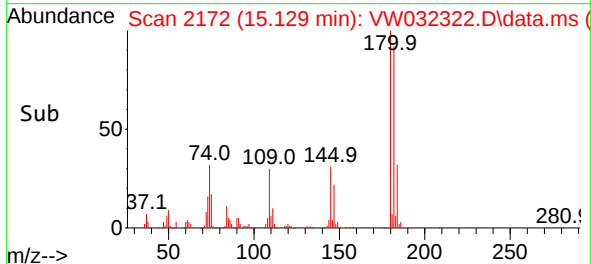
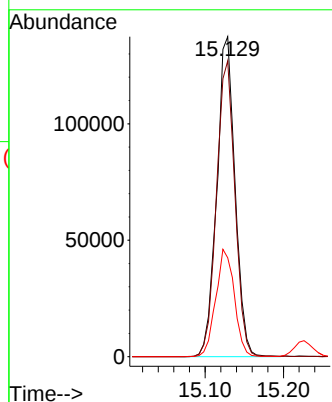
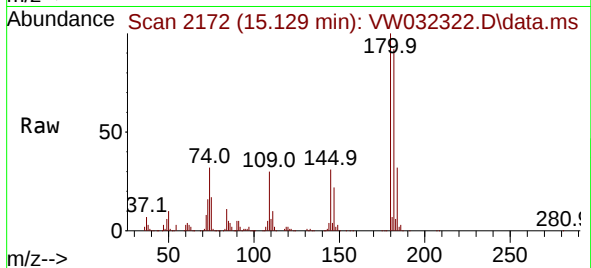
Tgt Ion:180 Resp: 223003

Ion Ratio Lower Upper

180 100

182 93.4 47.4 142.2

145 34.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.136 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032322.D

Acq: 02 Oct 2025 10:53

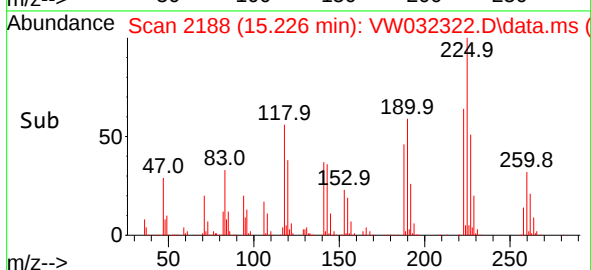
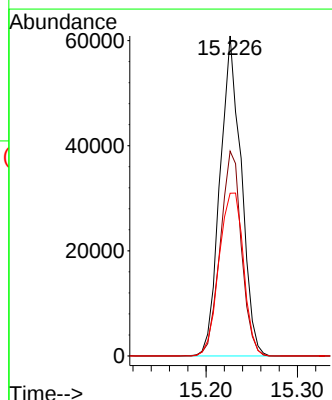
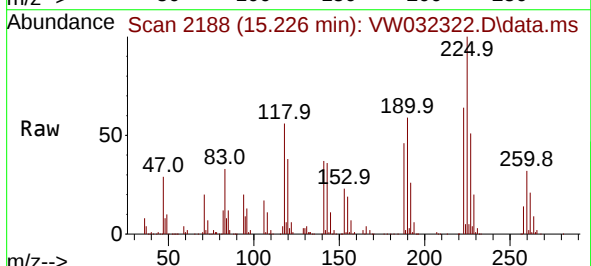
Tgt Ion:225 Resp: 98260

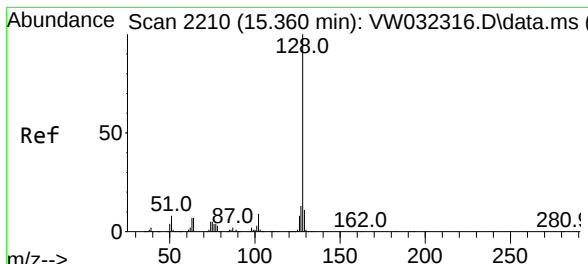
Ion Ratio Lower Upper

225 100

223 64.1 29.8 89.3

227 58.8 30.5 91.5

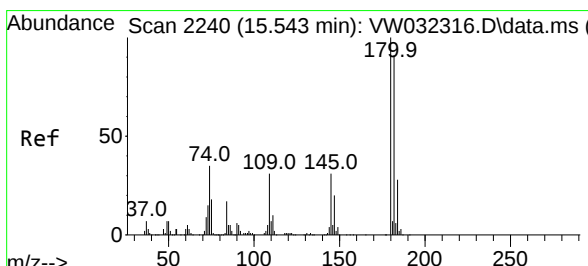
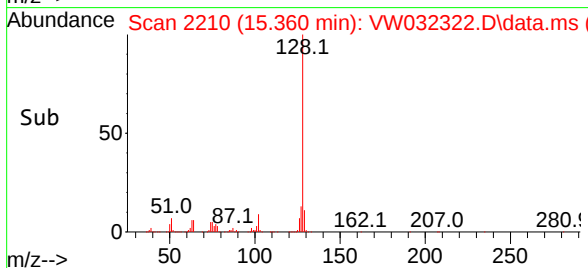
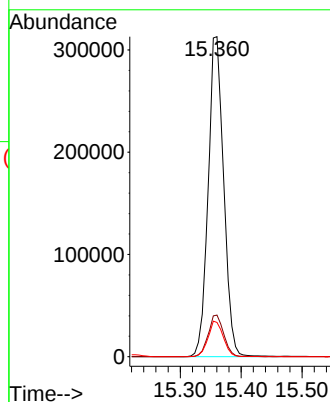
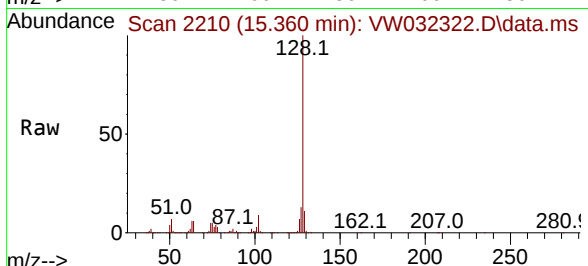




#95
Naphthalene
Concen: 52.882 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 555474
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.246 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032322.D
Acq: 02 Oct 2025 10:53

Tgt Ion:180 Resp: 215393
Ion Ratio Lower Upper
180 100
182 92.0 47.7 143.1
145 34.5 17.2 51.6

