

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032355.D
 Acq On : 06 Oct 2025 13:26
 Operator : SY/MD
 Sample : VW1006SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 03:44:22 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	7.965	168	261492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	483064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	457500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	230101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	197653	51.823	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.640%	
35) Dibromofluoromethane	7.898	113	161576	51.649	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.300%	
50) Toluene-d8	10.325	98	606740	52.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.617	95	223100	51.122	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	37565	22.893	ug/l	89
3) Chloromethane	2.253	50	53764	21.234	ug/l	100
4) Vinyl Chloride	2.405	62	63810	21.110	ug/l	97
5) Bromomethane	2.820	94	44478	20.023	ug/l	95
6) Chloroethane	2.966	64	41925	21.008	ug/l	98
7) Trichlorofluoromethane	3.302	101	48422	21.395	ug/l	98
8) Diethyl Ether	3.716	74	40988	20.900	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.106	101	56479	20.806	ug/l	96
10) Methyl Iodide	4.308	142	77243	19.942	ug/l	99
11) Tert butyl alcohol	5.222	59	28711	99.451	ug/l	97
12) 1,1-Dichloroethene	4.076	96	61857	20.989	ug/l	88
13) Acrolein	3.936	56	45580	97.281	ug/l	98
14) Allyl chloride	4.704	41	97373	19.562	ug/l	89
15) Acrylonitrile	5.405	53	106128	104.019	ug/l	98
16) Acetone	4.161	43	108699	102.927	ug/l	98
17) Carbon Disulfide	4.417	76	164447	20.451	ug/l	99
18) Methyl Acetate	4.710	43	59915	19.805	ug/l	98
19) Methyl tert-butyl Ether	5.472	73	112759	19.426	ug/l	99
20) Methylene Chloride	4.954	84	78024	19.004	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	68162	20.891	ug/l	97
22) Diisopropyl ether	6.344	45	217239	20.985	ug/l	98
23) Vinyl Acetate	6.283	43	721112	104.289	ug/l	99
24) 1,1-Dichloroethane	6.246	63	131995	20.987	ug/l	99
25) 2-Butanone	7.197	43	147764	102.734	ug/l	100
26) 2,2-Dichloropropane	7.185	77	65841	20.466	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	79736	20.342	ug/l	92
28) Bromochloromethane	7.527	49	62943	21.271	ug/l	85
29) Tetrahydrofuran	7.551	42	93926	103.841	ug/l	92
30) Chloroform	7.691	83	137293	21.524	ug/l	99
31) Cyclohexane	7.972	56	108425	20.194	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	94604	20.931	ug/l	98
36) 1,1-Dichloropropene	8.093	75	94356	21.371	ug/l	96
37) Ethyl Acetate	7.277	43	61621	20.969	ug/l	99
38) Carbon Tetrachloride	8.087	117	87754	21.122	ug/l	92
39) Methylcyclohexane	9.343	83	107508	20.187	ug/l	92
40) Benzene	8.337	78	291494	21.064	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35246	22.255	ug/l	92
42) 1,2-Dichloroethane	8.410	62	97807	21.600	ug/l	99
43) Isopropyl Acetate	8.435	43	109950	21.091	ug/l	97
44) Trichloroethene	9.099	130	68165	21.036	ug/l	94
45) 1,2-Dichloropropane	9.374	63	74344	21.523	ug/l	99
46) Dibromomethane	9.465	93	47218	22.230	ug/l	93
47) Bromodichloromethane	9.654	83	104237	21.456	ug/l	100
48) Methyl methacrylate	9.447	41	51089	20.156	ug/l	93
49) 1,4-Dioxane	9.465	88	12444	428.631	ug/l #	82
51) 4-Methyl-2-Pentanone	10.215	43	321690	106.538	ug/l	98
52) Toluene	10.392	92	183514	21.294	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	96450	20.463	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	112352	20.694	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	62444	21.996	ug/l	96
56) Ethyl methacrylate	10.648	69	77835	19.589	ug/l	95
57) 1,3-Dichloropropane	10.934	76	107230	21.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	208384	98.541	ug/l	96
59) 2-Hexanone	10.971	43	223263	104.838	ug/l	97
60) Dibromochloromethane	11.136	129	66635	20.672	ug/l	95
61) 1,2-Dibromoethane	11.239	107	59329	21.433	ug/l	99
64) Tetrachloroethene	10.867	164	55566	20.298	ug/l	87
65) Chlorobenzene	11.660	112	206937	20.558	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	62624	19.974	ug/l	99
67) Ethyl Benzene	11.733	91	338155	20.153	ug/l	96
68) m/p-Xylenes	11.837	106	262284	40.538	ug/l	98
69) o-Xylene	12.166	106	123852	20.469	ug/l	100
70) Styrene	12.178	104	215503	20.399	ug/l	99
71) Bromoform	12.349	173	37064	20.624	ug/l #	93
73) Isopropylbenzene	12.459	105	303572	19.284	ug/l	99
74) N-amyl acetate	12.270	43	98829	19.679	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	79017	20.215	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	97410	32.170	ug/l	42
77) Bromobenzene	12.745	156	74952	19.751	ug/l	85
78) n-propylbenzene	12.800	91	393274	19.999	ug/l	97
79) 2-Chlorotoluene	12.891	91	240794	20.027	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	269559	19.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	23543	19.696	ug/l	96
82) 4-Chlorotoluene	12.989	91	253483	19.829	ug/l	99
83) tert-Butylbenzene	13.202	119	220340	19.728	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	278348	20.110	ug/l	99
85) sec-Butylbenzene	13.379	105	338703	19.844	ug/l	97
86) p-Isopropyltoluene	13.495	119	280431	19.801	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	160300	20.861	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	156540	20.374	ug/l	95
89) n-Butylbenzene	13.818	91	272109	19.679	ug/l	98
90) Hexachloroethane	14.086	117	50848	20.031	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	143470	20.654	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13288	19.416	ug/l	88
93) 1,2,4-Trichlorobenzene	15.123	180	83977	20.161	ug/l	97
94) Hexachlorobutadiene	15.226	225	36009	18.909	ug/l	95
95) Naphthalene	15.360	128	188065	18.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	74511	18.979	ug/l	97

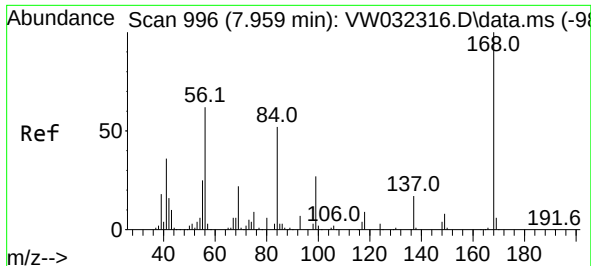
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Response via : Initial Calibration

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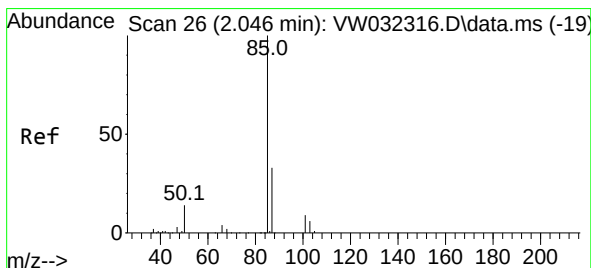
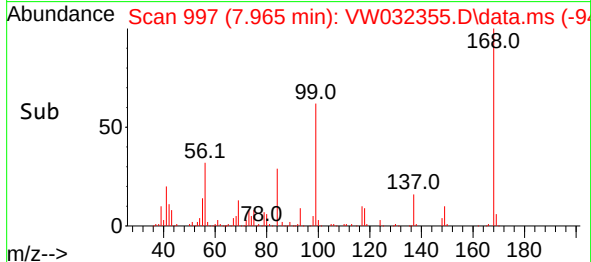
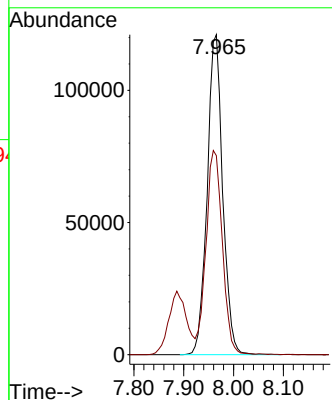
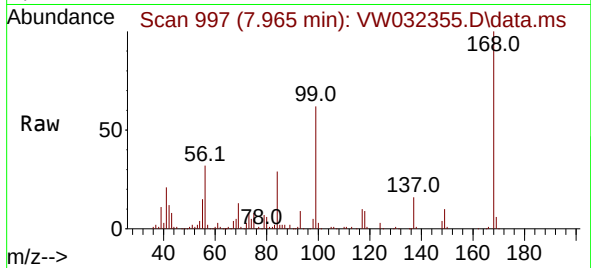
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

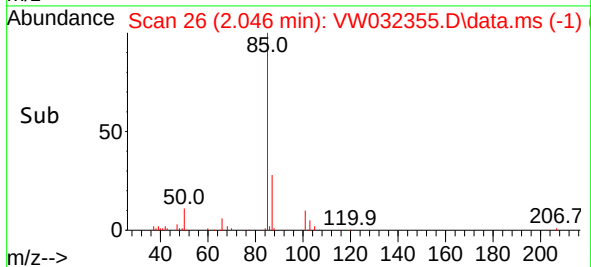
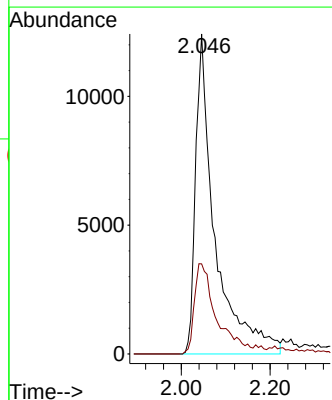
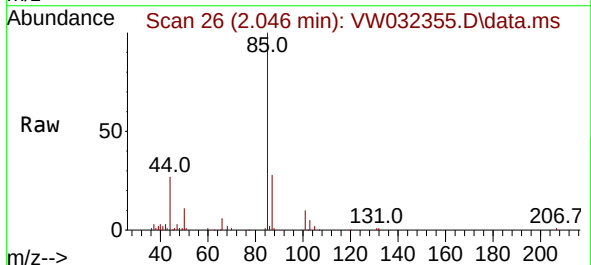
Instrument :
MSVOA_W
ClientSampleId :

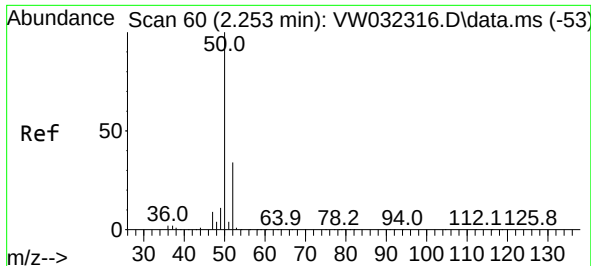
Tgt Ion:168 Resp: 261492
Ion Ratio Lower Upper
168 100
99 62.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 22.893 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 85 Resp: 37565
Ion Ratio Lower Upper
85 100
87 28.2 17.2 51.6

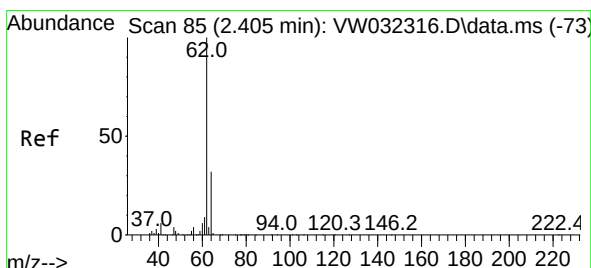
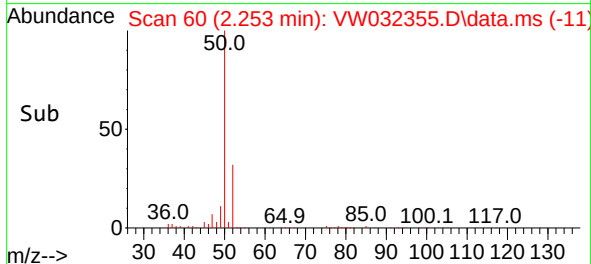
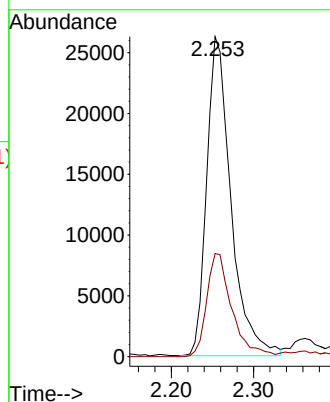
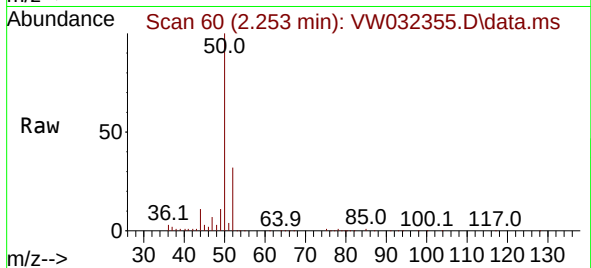




#3
Chloromethane
Concen: 21.234 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

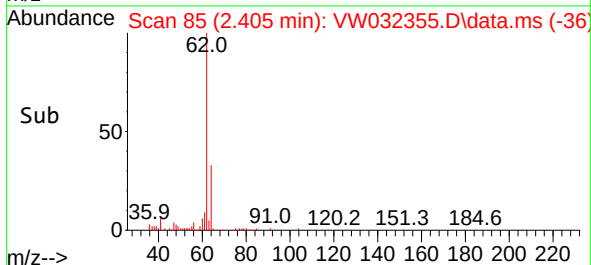
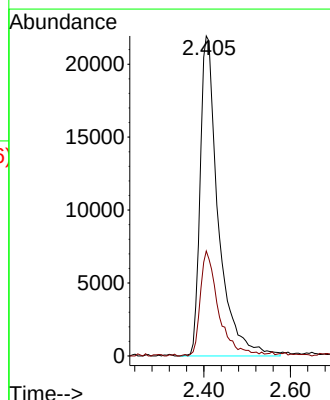
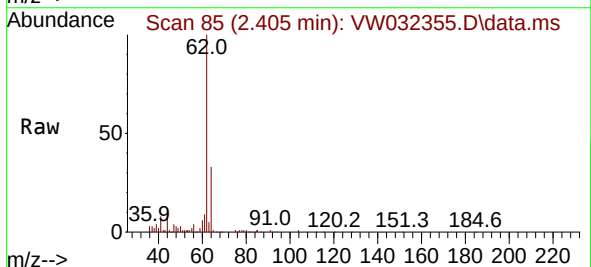
Instrument :
MSVOA_W
ClientSampleId :

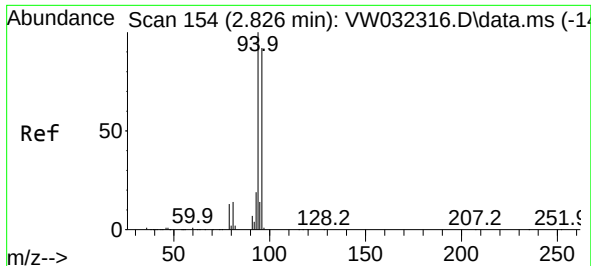
Tgt Ion: 50 Resp: 53764
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1



#4
Vinyl Chloride
Concen: 21.110 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 62 Resp: 63810
Ion Ratio Lower Upper
62 100
64 32.8 24.8 37.2

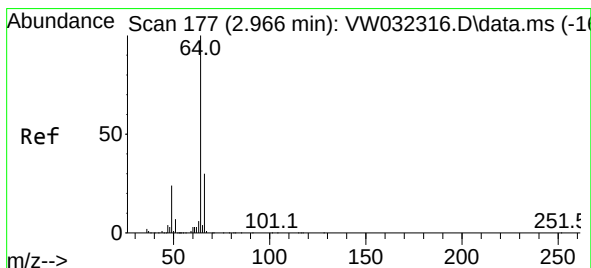
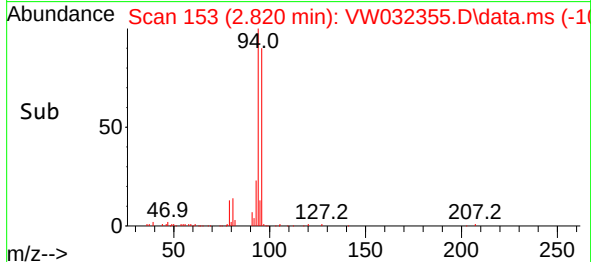
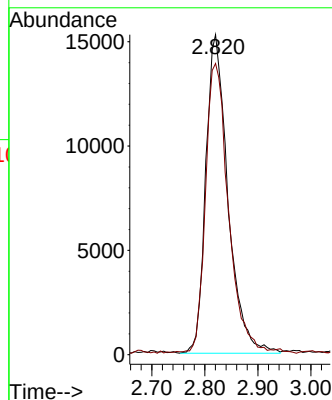
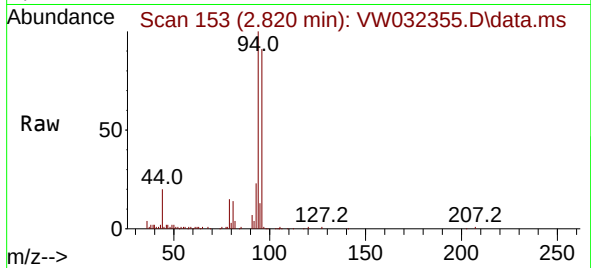




#5
Bromomethane
Concen: 20.023 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

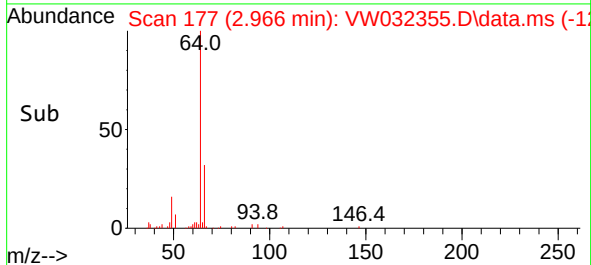
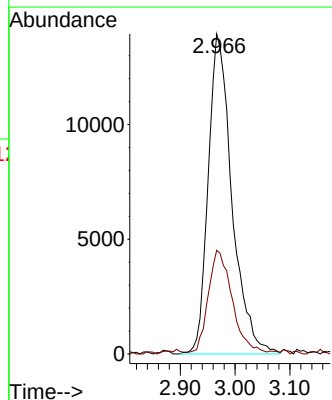
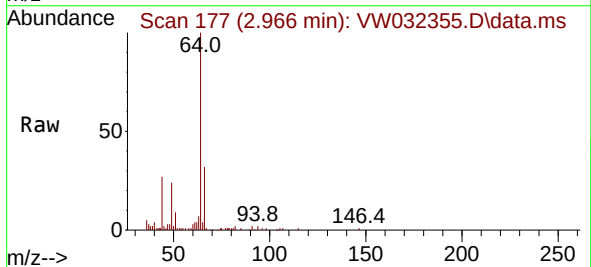
Instrument :
MSVOA_W
ClientSampleId :

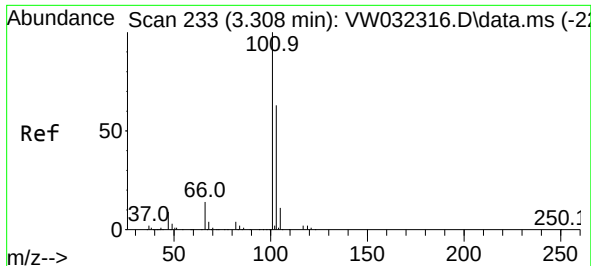
Tgt Ion: 94 Resp: 44478
Ion Ratio Lower Upper
94 100
96 90.5 76.6 115.0



#6
Chloroethane
Concen: 21.008 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 64 Resp: 41925
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

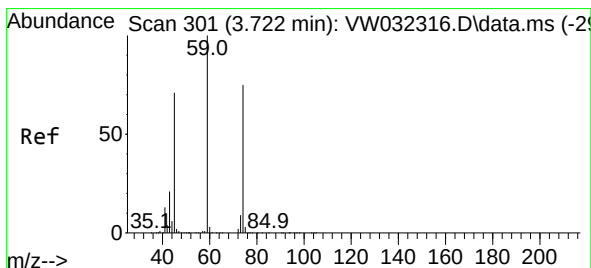
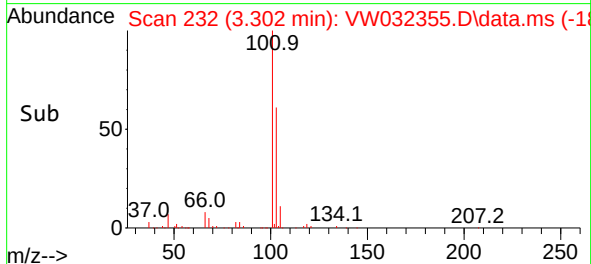
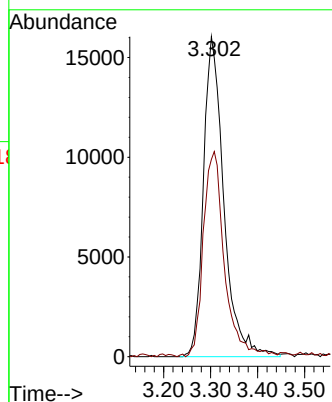
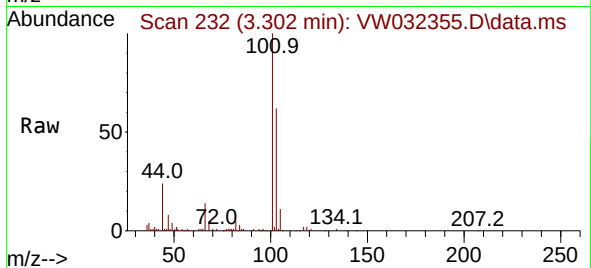




#7
 Trichlorofluoromethane
 Concen: 21.395 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

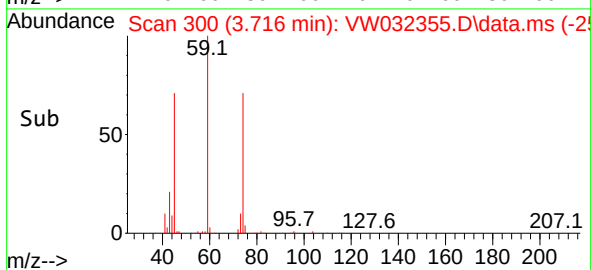
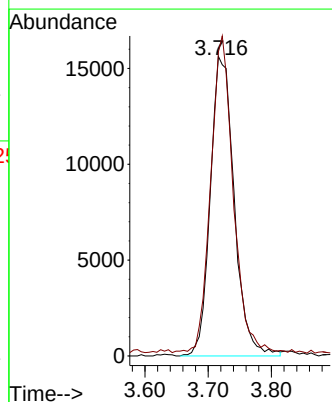
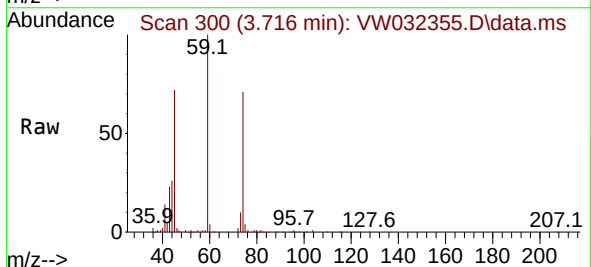
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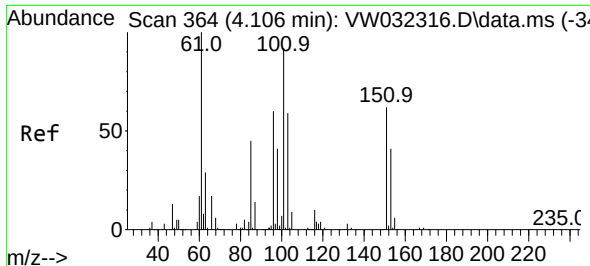
Tgt Ion:101 Resp: 48422
 Ion Ratio Lower Upper
 101 100
 103 61.1 47.8 71.8



#8
 Diethyl Ether
 Concen: 20.900 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

Tgt Ion: 74 Resp: 40988
 Ion Ratio Lower Upper
 74 100
 45 99.4 43.1 129.4



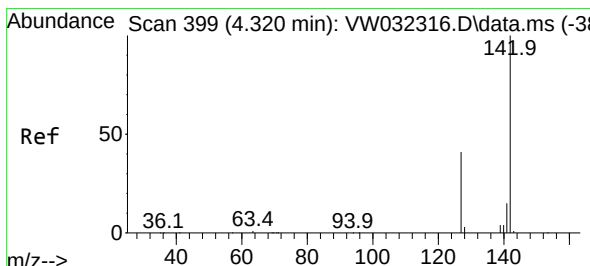
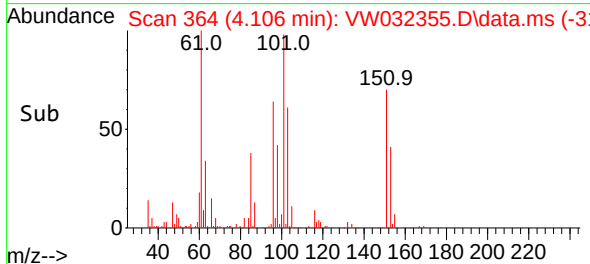
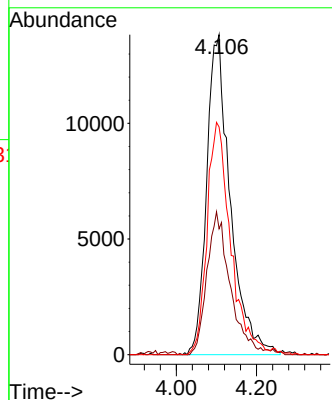
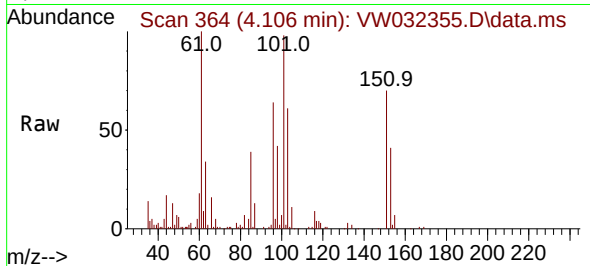


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.806 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:101 Resp: 56479

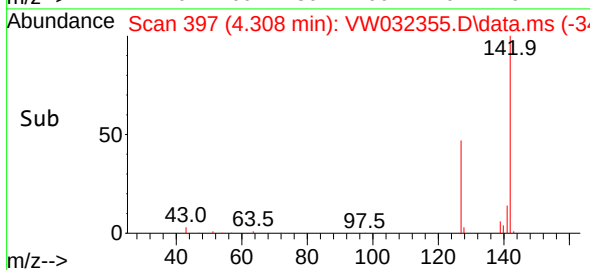
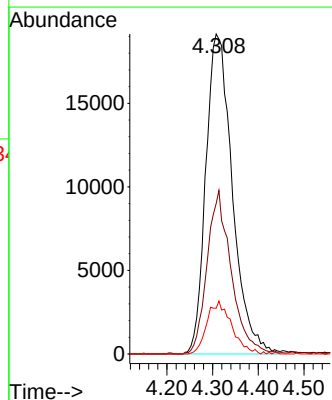
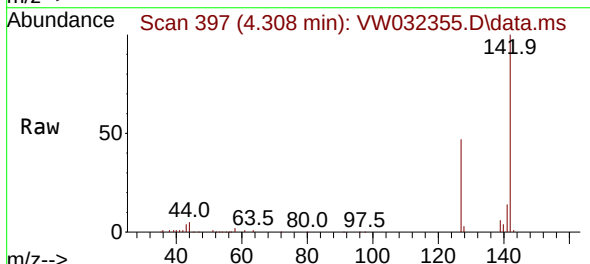
Ion	Ratio	Lower	Upper
101	100		
85	44.5	37.1	55.7
151	72.3	61.5	92.3

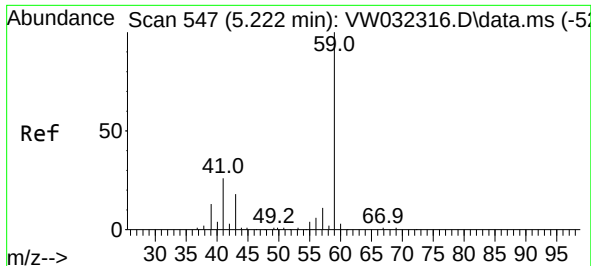


#10
 Methyl Iodide
 Concen: 19.942 ug/l
 RT: 4.308 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

Tgt Ion:142 Resp: 77243

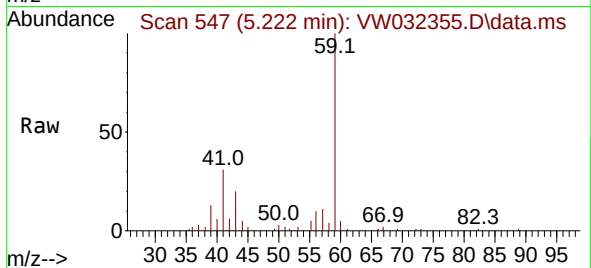
Ion	Ratio	Lower	Upper
142	100		
127	46.6	38.2	57.2
141	15.3	12.2	18.2



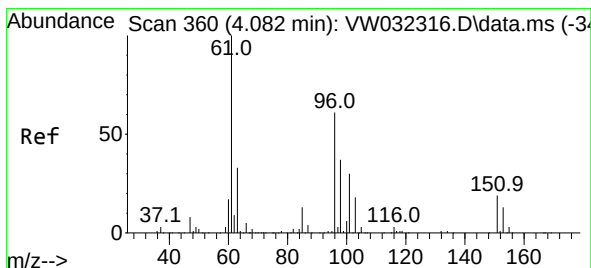
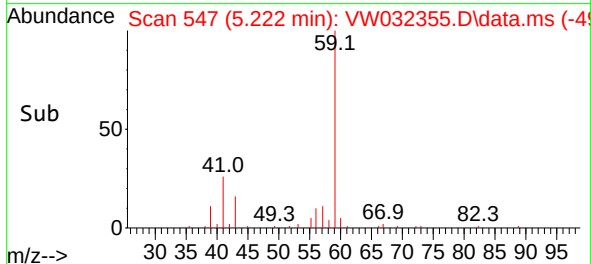
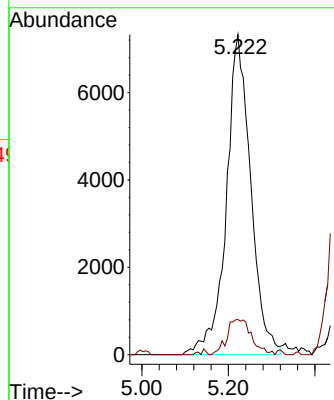


#11
Tert butyl alcohol
Concen: 99.451 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :

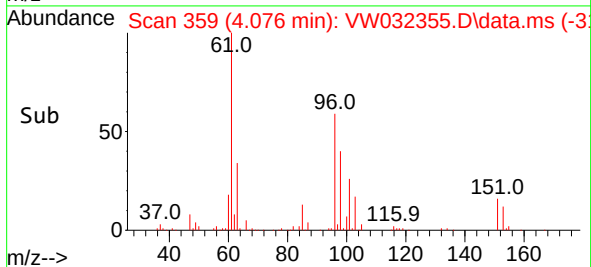
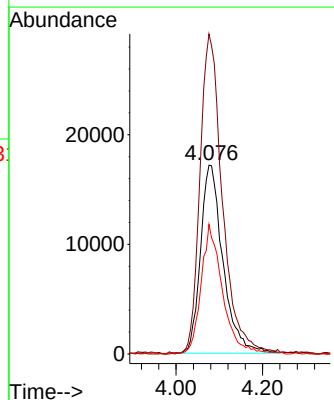
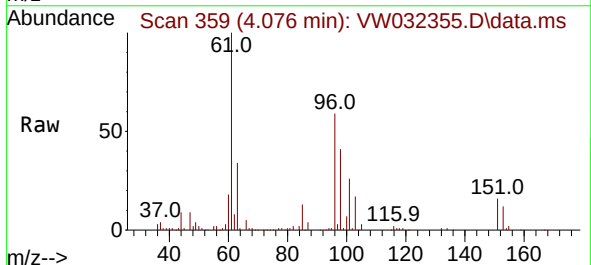


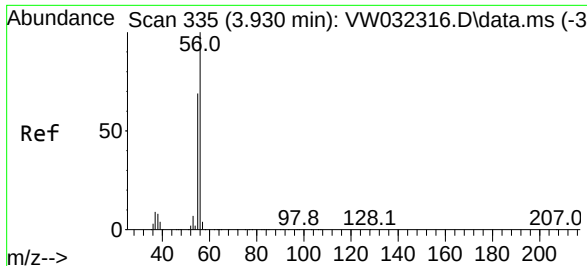
Tgt Ion: 59 Resp: 28711
Ion Ratio Lower Upper
59 100
57 11.1 9.8 14.6



#12
1,1-Dichloroethene
Concen: 20.989 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 96 Resp: 61857
Ion Ratio Lower Upper
96 100
61 169.6 123.0 184.4
98 68.5 48.5 72.7

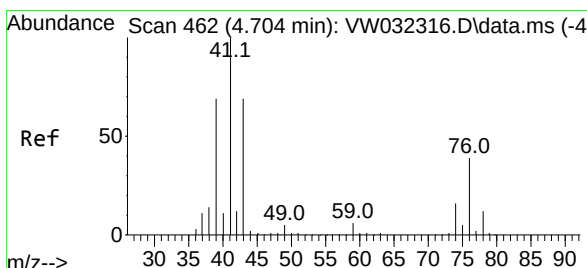
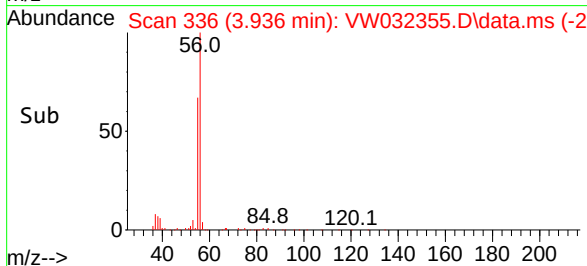
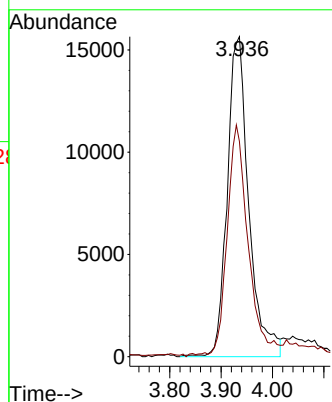
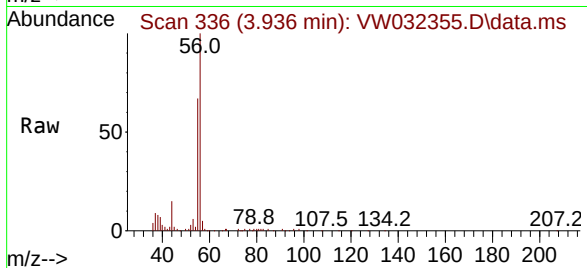




#13
Acrolein
Concen: 97.281 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

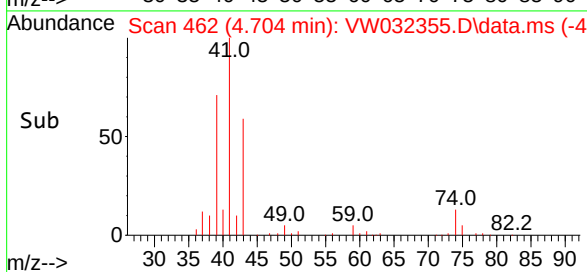
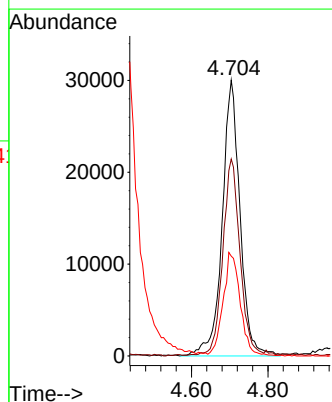
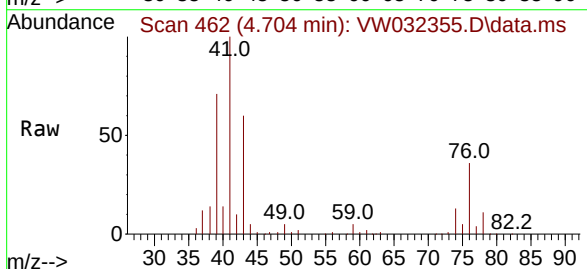
Instrument :
MSVOA_W
ClientSampleId :

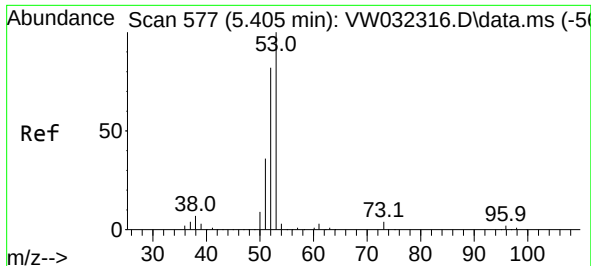
Tgt Ion: 56 Resp: 45580
Ion Ratio Lower Upper
56 100
55 68.7 56.4 84.6



#14
Allyl chloride
Concen: 19.562 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

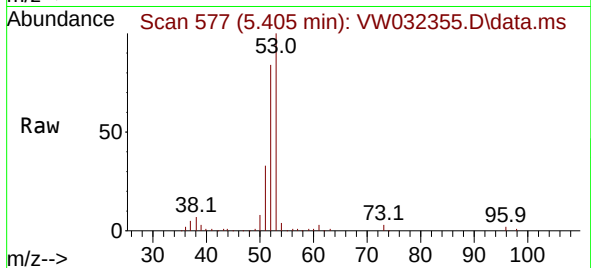
Tgt Ion: 41 Resp: 97373
Ion Ratio Lower Upper
41 100
39 68.3 64.1 96.1
76 36.1 31.4 47.2





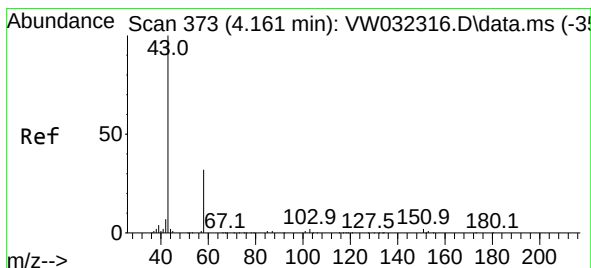
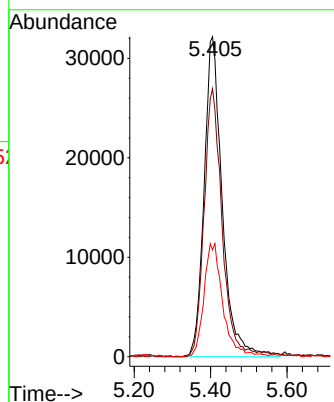
#15
Acrylonitrile
Concen: 104.019 ug/l
RT: 5.405 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 106128

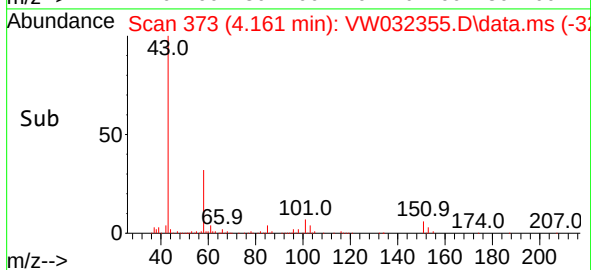
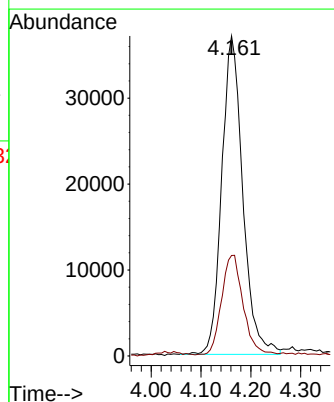
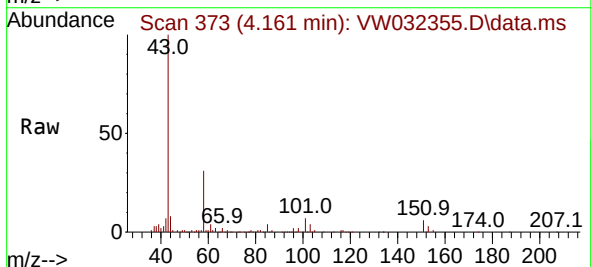
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.4	101.2
51	36.5	30.3	45.5

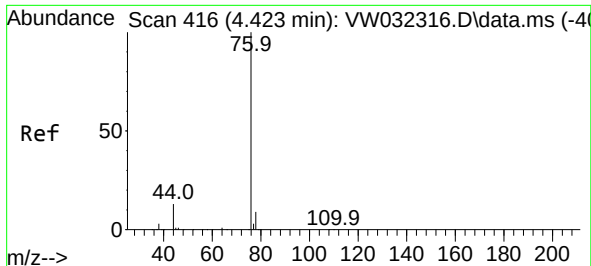


#16
Acetone
Concen: 102.927 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 43 Resp: 108699

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.3	37.9

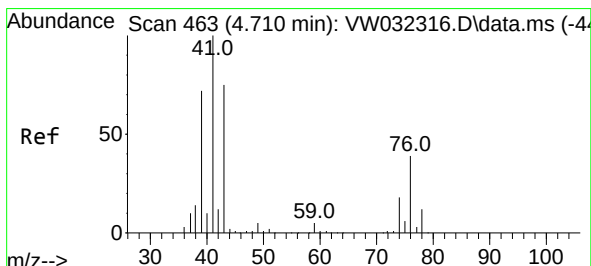
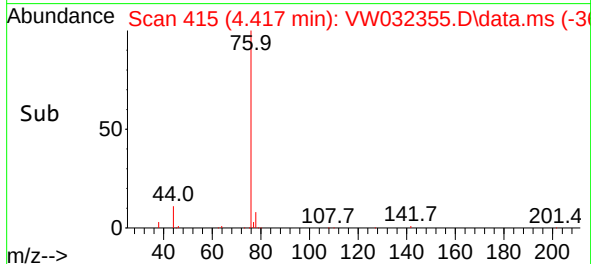
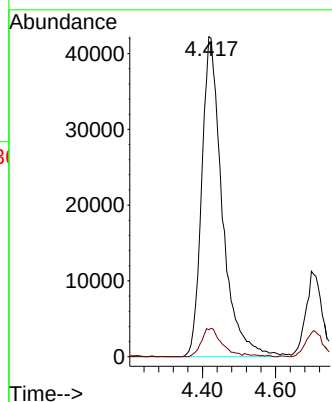
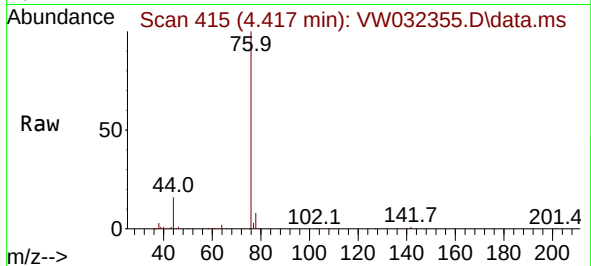




#17
Carbon Disulfide
Concen: 20.451 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

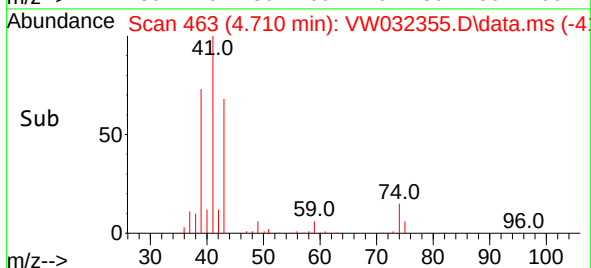
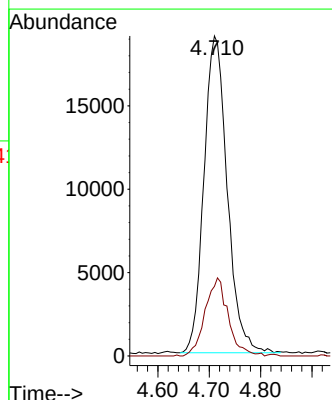
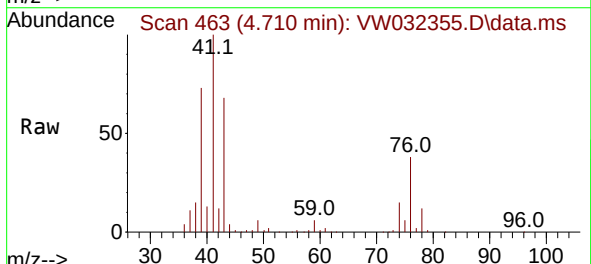
Instrument :
MSVOA_W
ClientSampleId :

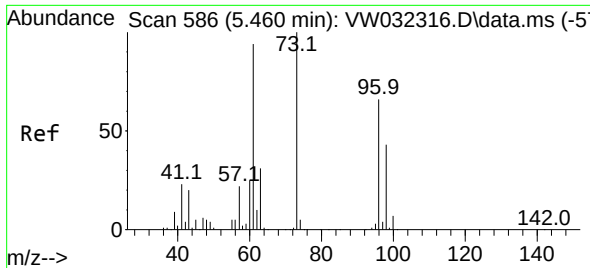
Tgt Ion: 76 Resp: 164447
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.805 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 43 Resp: 59915
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.4

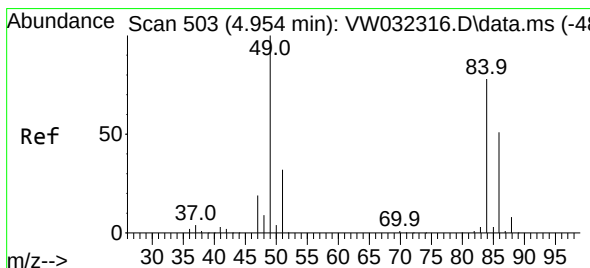
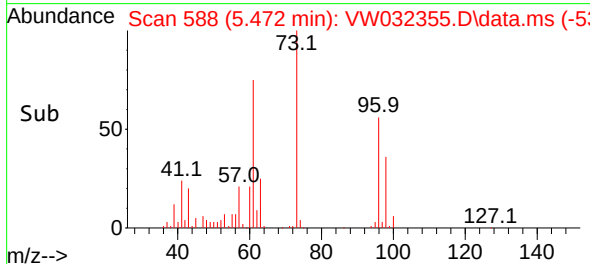
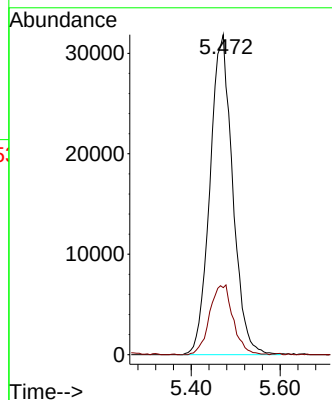
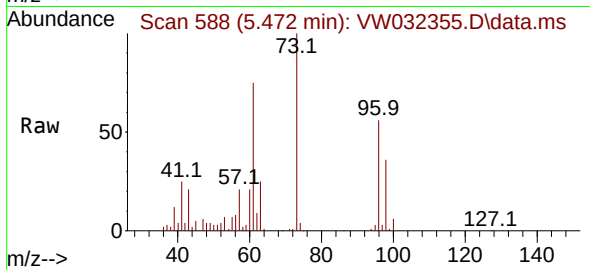




#19
Methyl tert-butyl Ether
Concen: 19.426 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

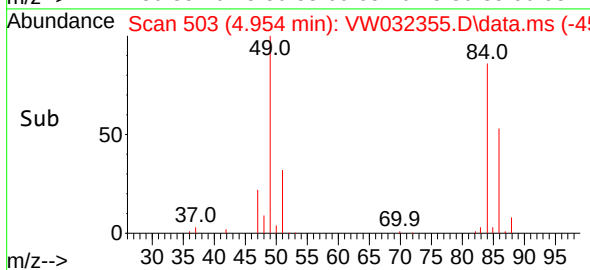
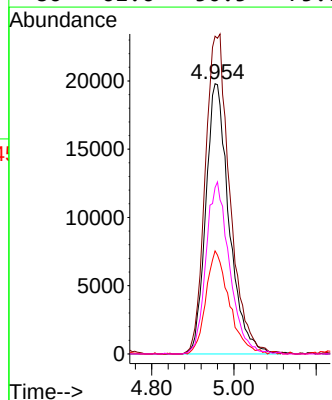
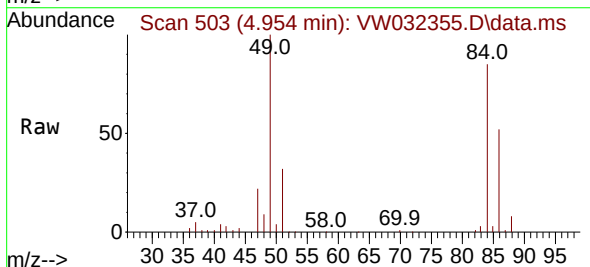
Instrument :
MSVOA_W
ClientSampleId :

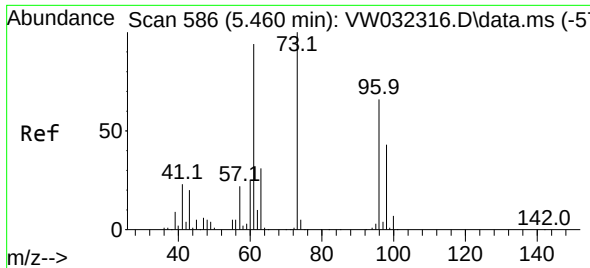
Tgt Ion: 73 Resp: 112759
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4



#20
Methylene Chloride
Concen: 19.004 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 84 Resp: 78024
Ion Ratio Lower Upper
84 100
49 117.6 92.2 138.4
51 38.1 31.0 46.6
86 61.6 50.5 75.7

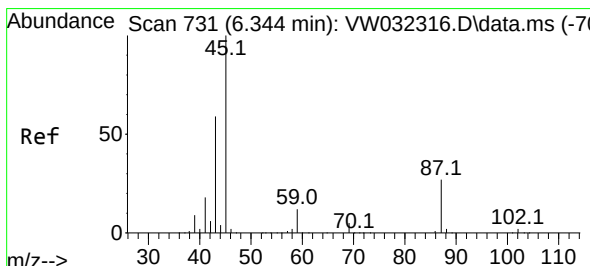
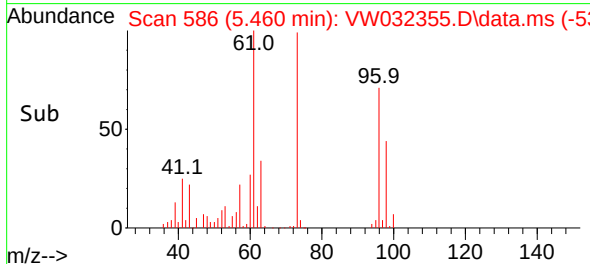
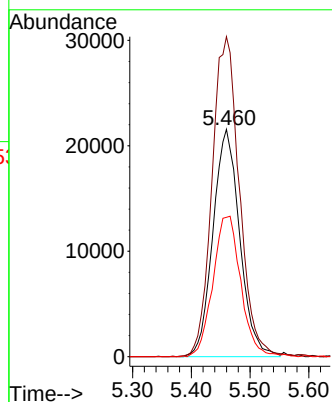
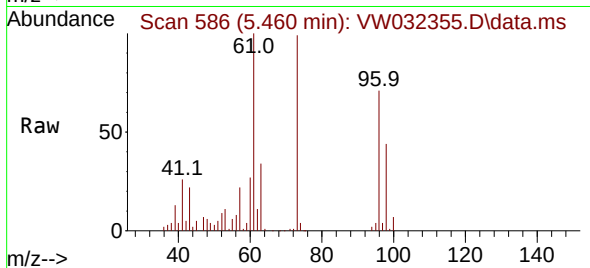




#21
trans-1,2-Dichloroethene
Concen: 20.891 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

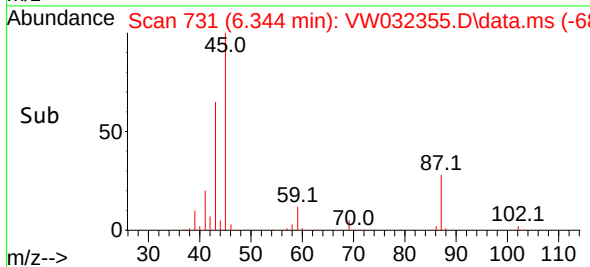
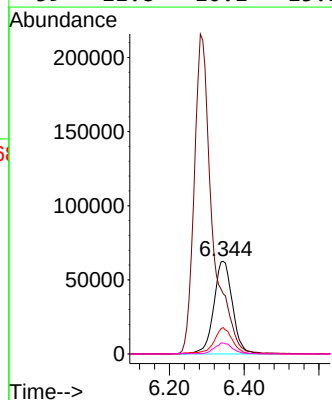
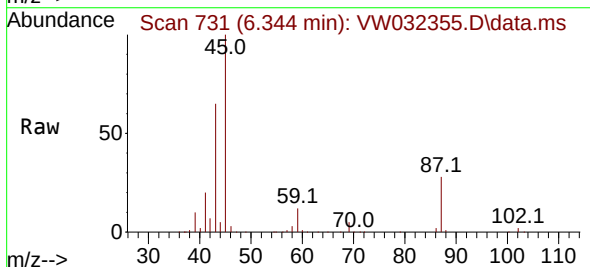
Instrument :
MSVOA_W
ClientSampleId :

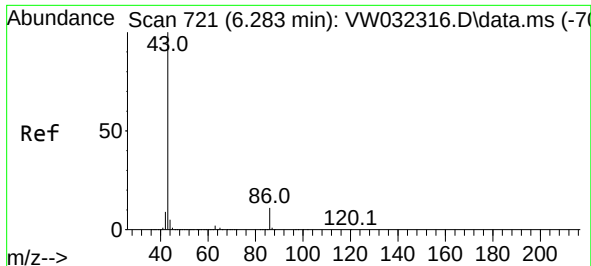
Tgt Ion: 96 Resp: 68162
Ion Ratio Lower Upper
96 100
61 140.5 112.5 168.7
98 61.3 54.2 81.4



#22
Diisopropyl ether
Concen: 20.985 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 45 Resp: 217239
Ion Ratio Lower Upper
45 100
43 64.3 51.4 77.2
87 28.3 25.9 38.9
59 11.8 10.1 15.1

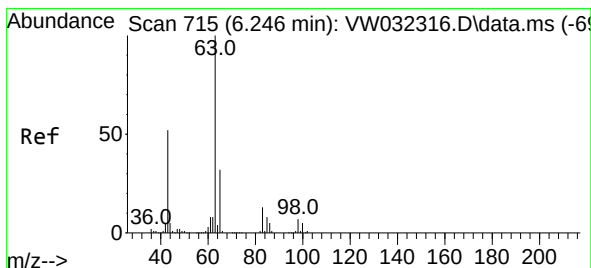
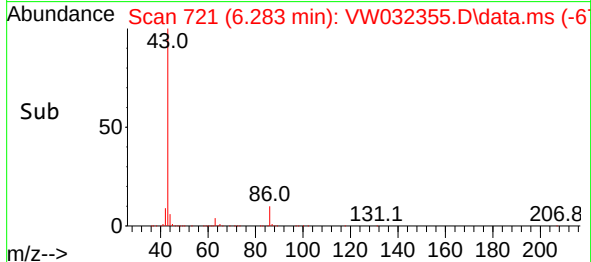
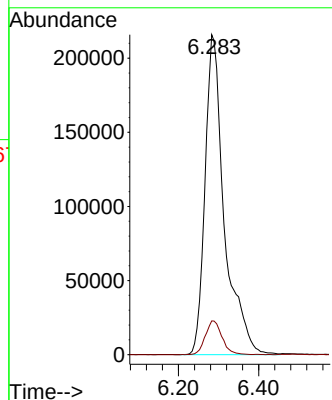
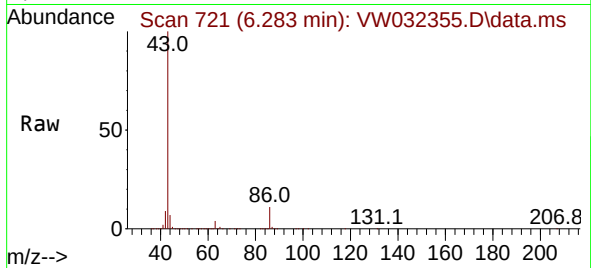




#23
 Vinyl Acetate
 Concen: 104.289 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

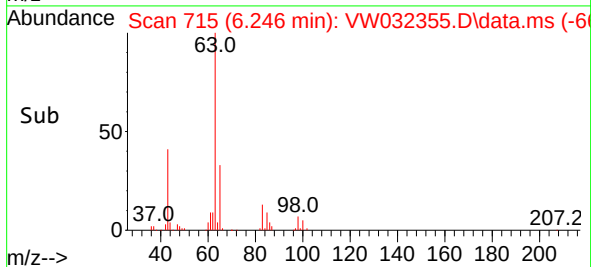
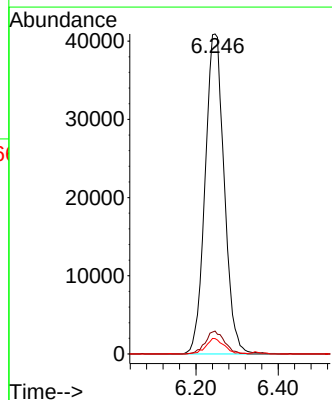
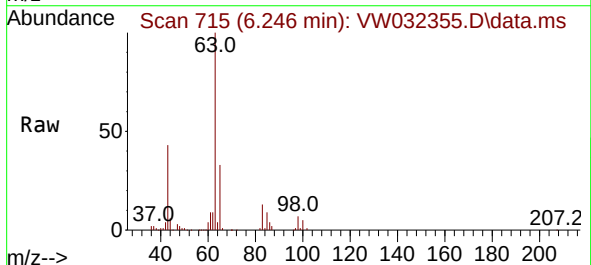
Instrument :
 MSVOA_W
 ClientSampleId :

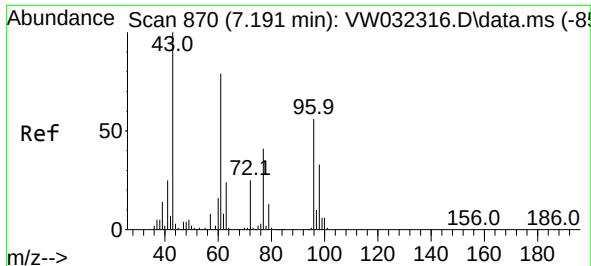
Tgt Ion: 43 Resp: 721112
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.987 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

Tgt Ion: 63 Resp: 131995
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.8 2.5 7.5

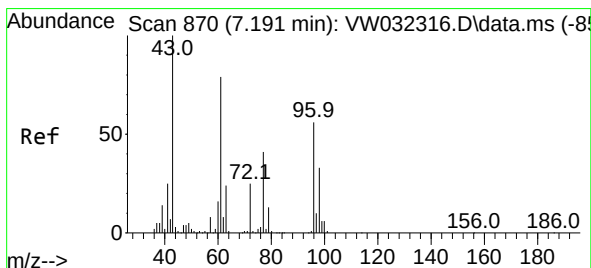
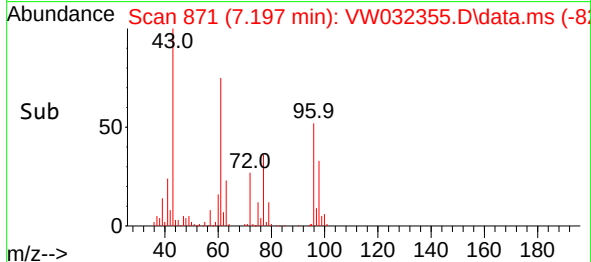
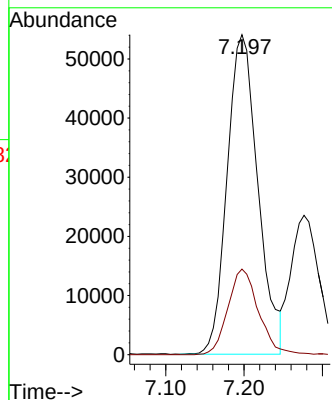
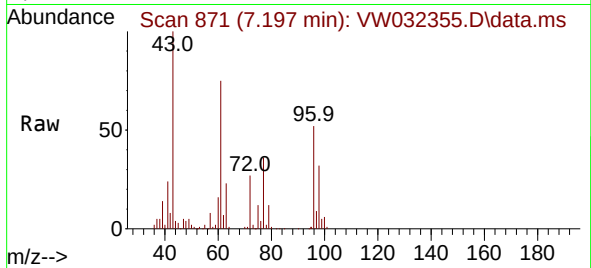




#25
2-Butanone
Concen: 102.734 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

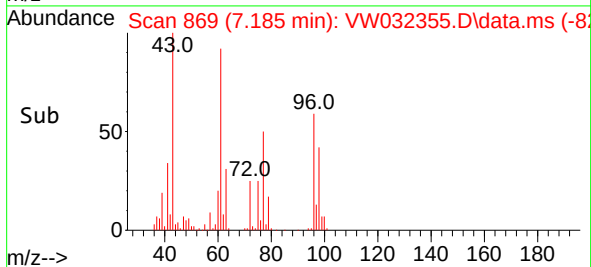
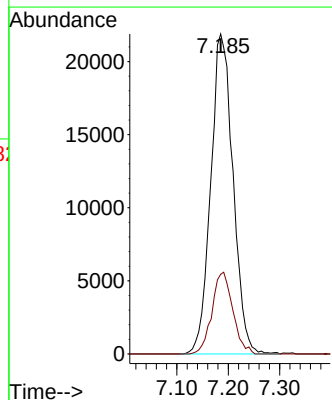
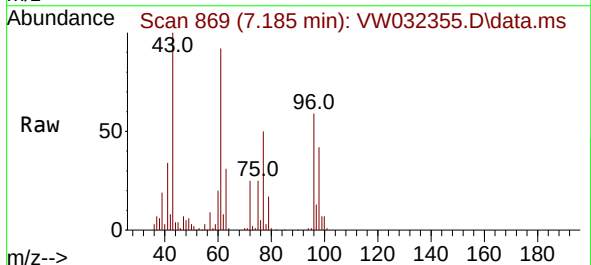
Instrument :
MSVOA_W
ClientSampleId :

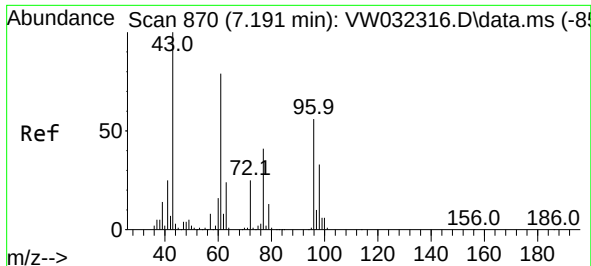
Tgt Ion: 43 Resp: 147764
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.466 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 77 Resp: 65841
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.342 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

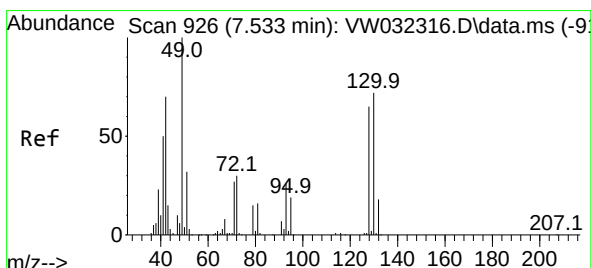
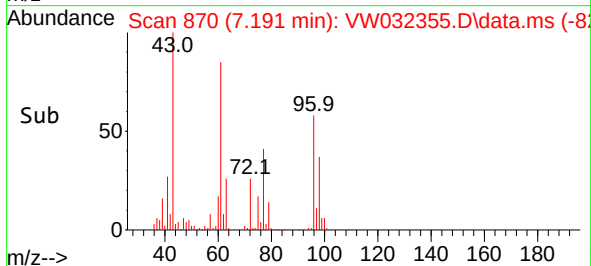
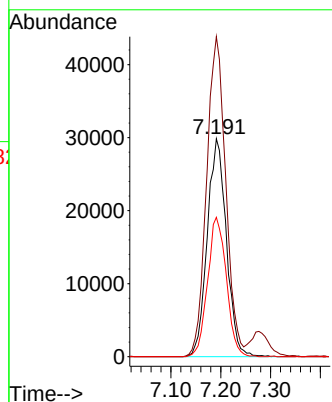
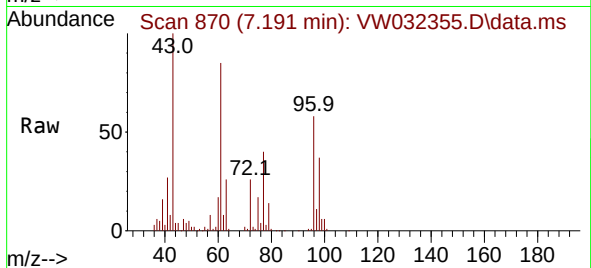
Tgt Ion: 96 Resp: 79736

Ion Ratio Lower Upper

96 100

61 146.5 0.0 268.0

98 62.7 0.0 130.8



#28

Bromochloromethane

Concen: 21.271 ug/l

RT: 7.527 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

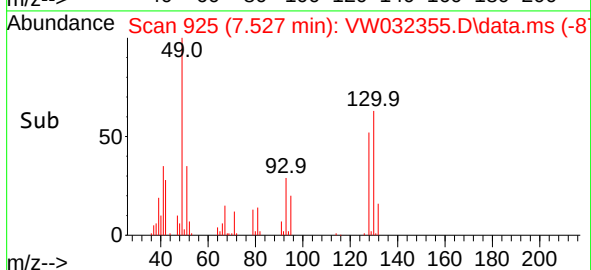
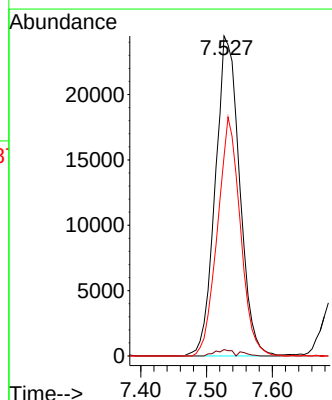
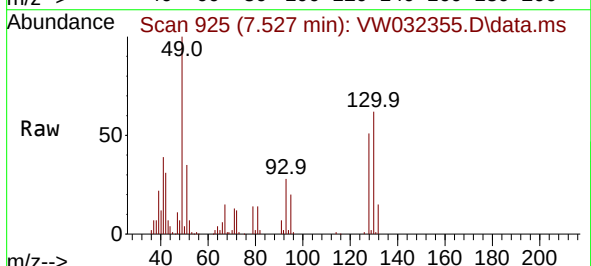
Tgt Ion: 49 Resp: 62943

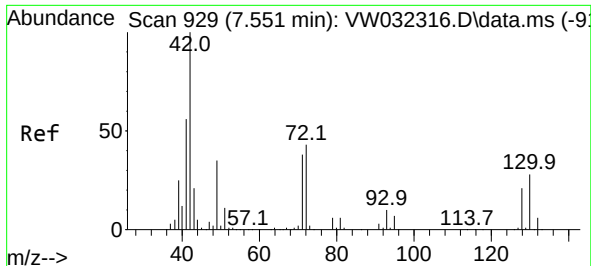
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.2

130 70.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 103.841 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032355.D

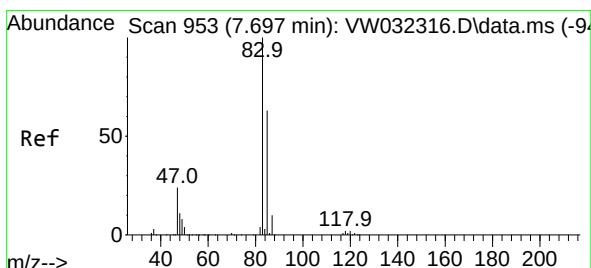
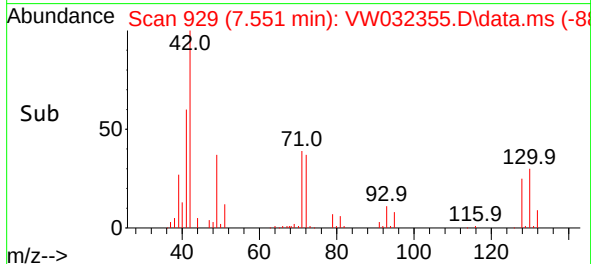
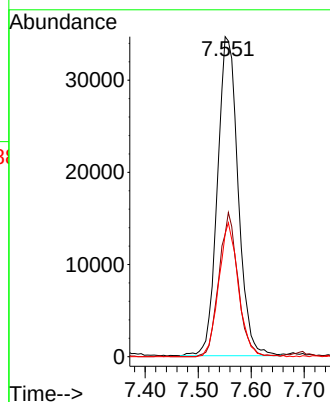
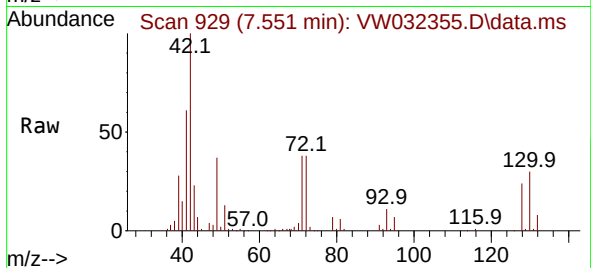
Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	42	Resp:	93926
Ion	Ratio	Lower	Upper
42	100		
72	41.8	37.4	56.2
71	40.0	36.0	54.0



#30

Chloroform

Concen: 21.524 ug/l

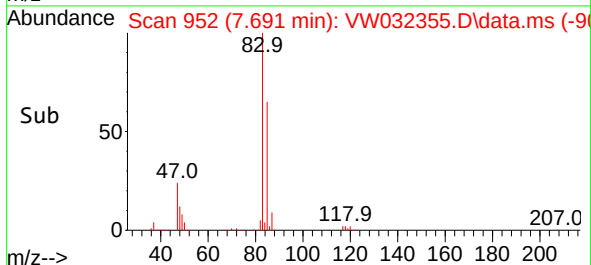
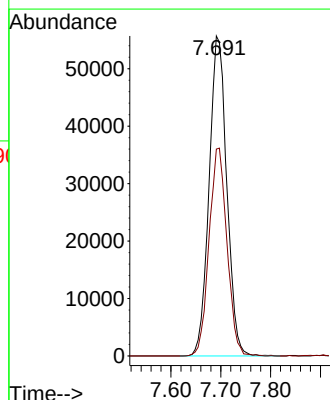
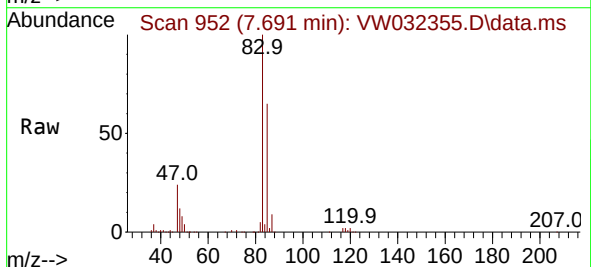
RT: 7.691 min Scan# 952

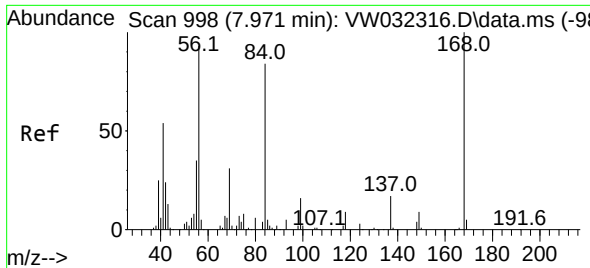
Delta R.T. -0.006 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Tgt Ion:	83	Resp:	137293
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.2	76.8

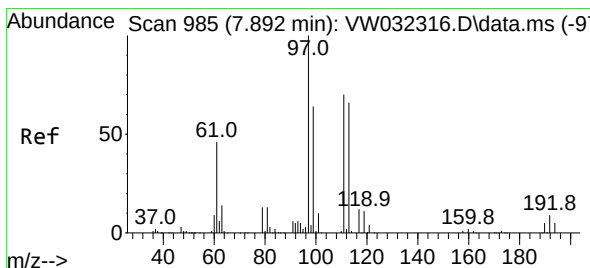
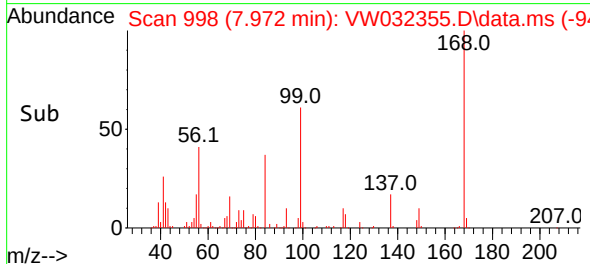
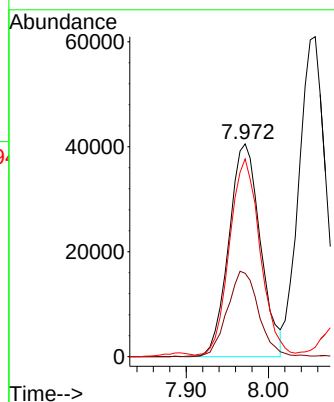
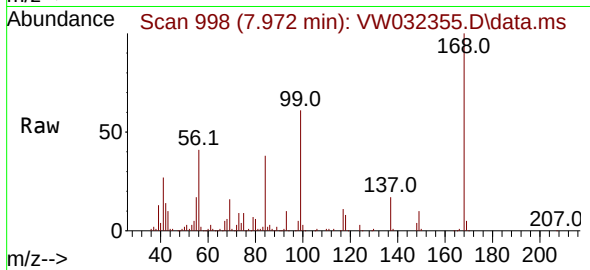




#31
Cyclohexane
Concen: 20.194 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

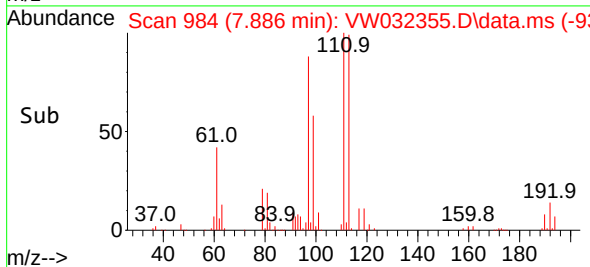
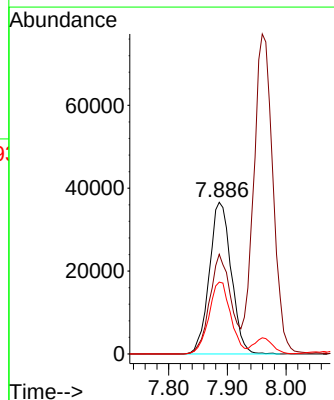
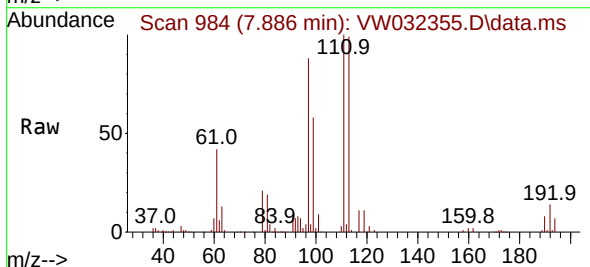
Instrument :
MSVOA_W
ClientSampleId :

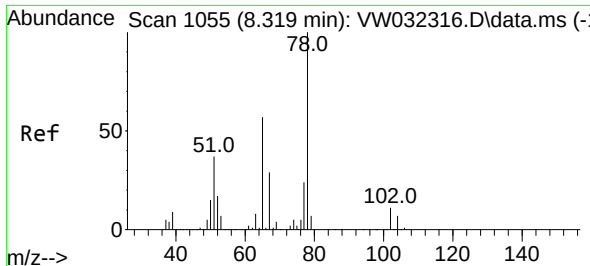
Tgt Ion: 56 Resp: 108425
Ion Ratio Lower Upper
56 100
69 39.1 27.7 41.5
84 91.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 20.931 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 97 Resp: 94604
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 47.5 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.823 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

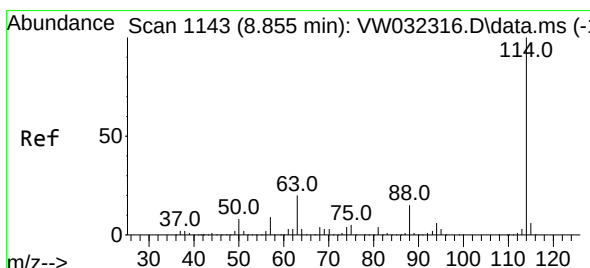
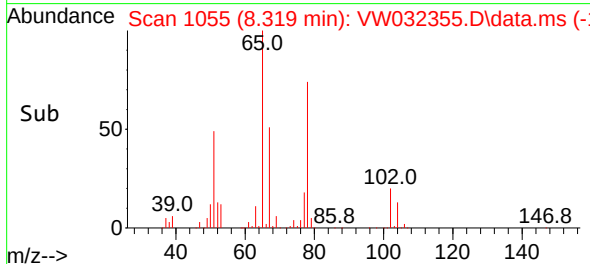
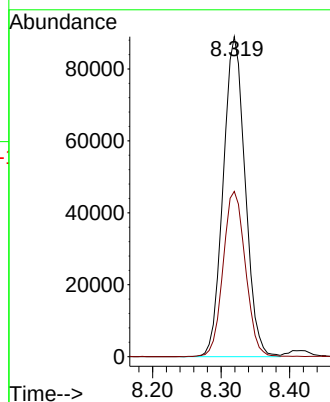
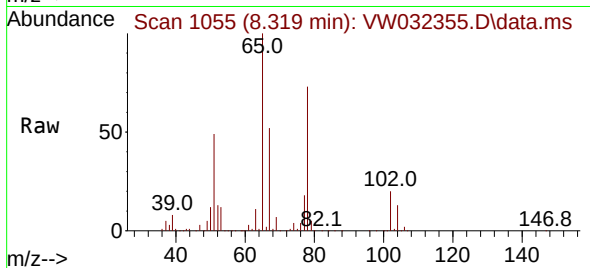
ClientSampleId :

Tgt Ion: 65 Resp: 197653

Ion Ratio Lower Upper

65 100

67 52.7 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: VW032355.D

Acq: 06 Oct 2025 13:26

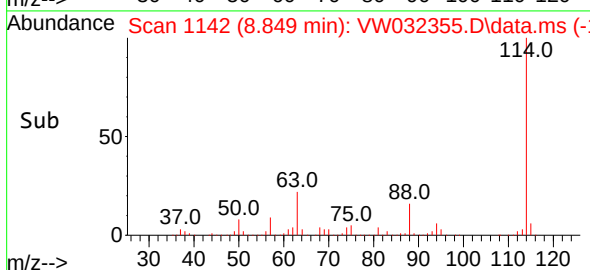
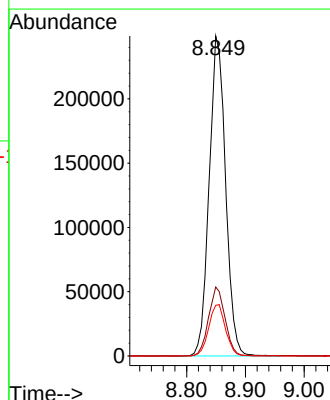
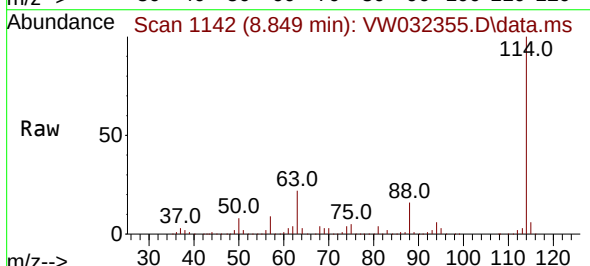
Tgt Ion: 114 Resp: 483064

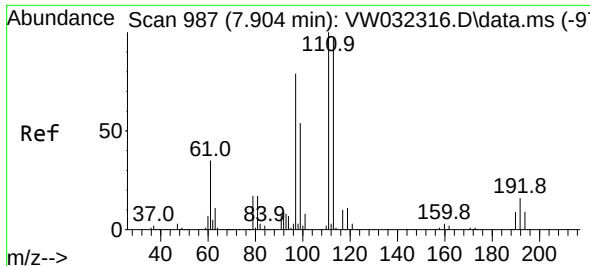
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

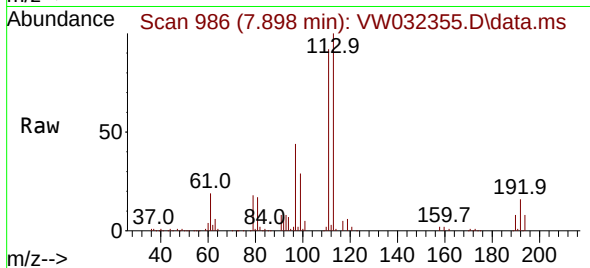
88 15.8 0.0 32.0



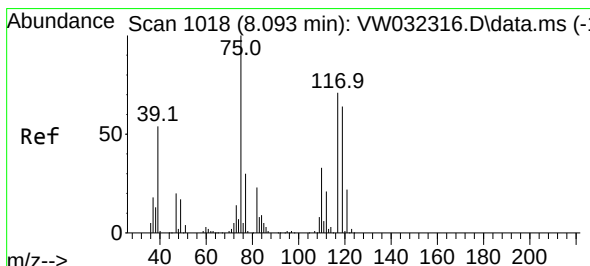
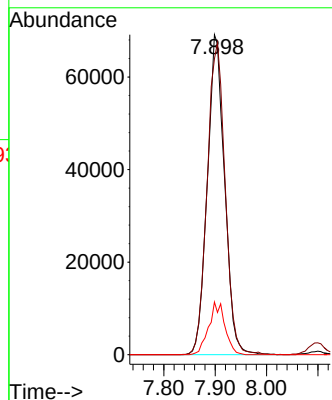
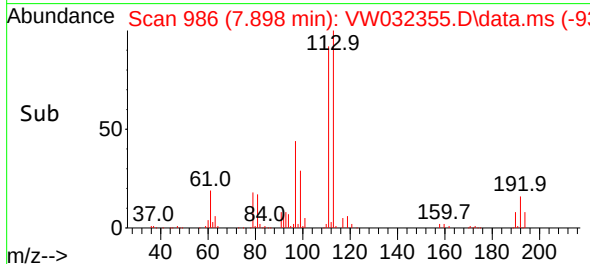


#35
 Dibromofluoromethane
 Concen: 51.649 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

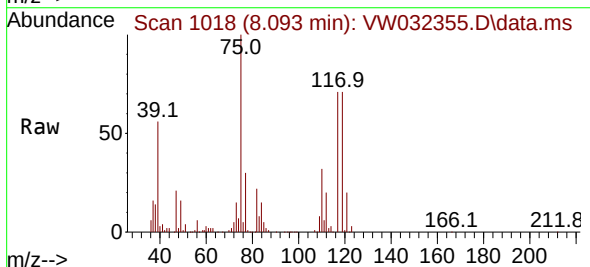
Instrument :
 MSVOA_W
 ClientSampleId :



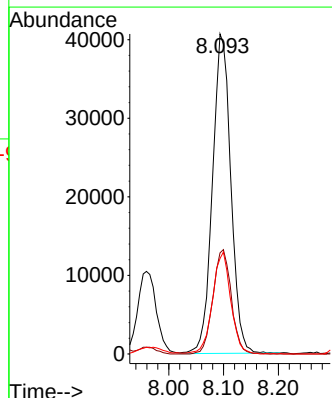
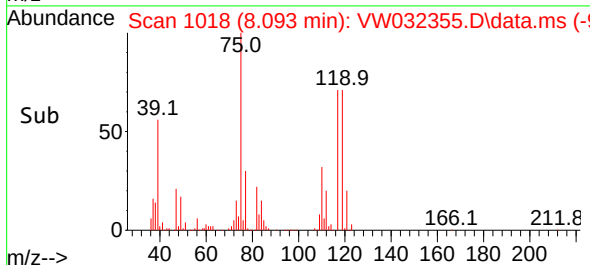
Tgt Ion:113 Resp: 161576
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.9 125.9
 192 15.5 14.6 21.8

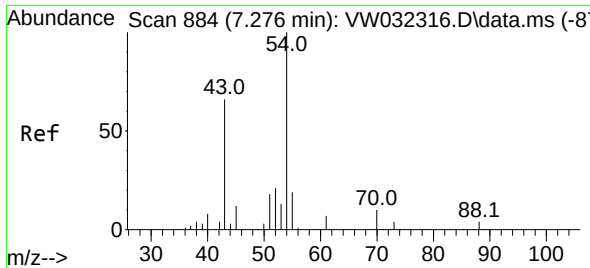


#36
 1,1-Dichloropropene
 Concen: 21.371 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26



Tgt Ion: 75 Resp: 94356
 Ion Ratio Lower Upper
 75 100
 110 32.7 17.5 52.5
 77 31.8 24.1 36.1

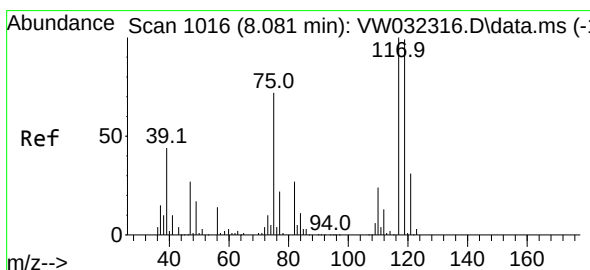
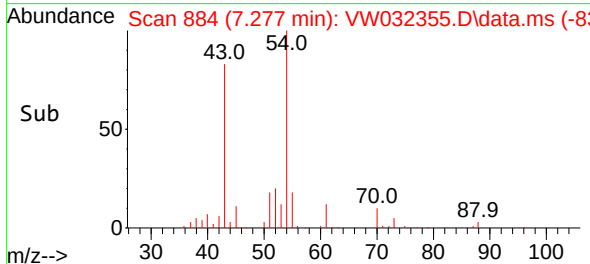
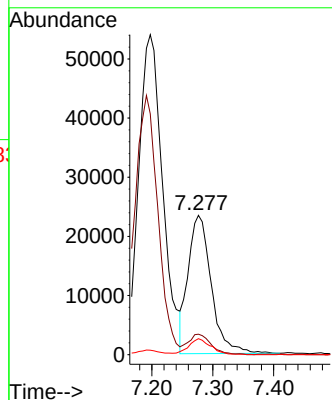
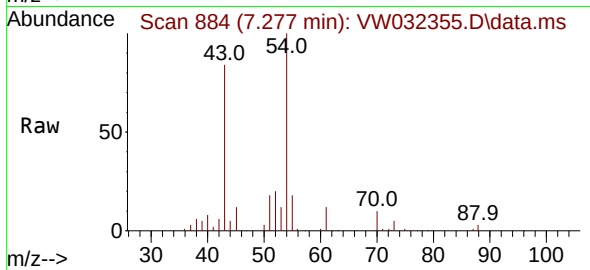




#37
Ethyl Acetate
Concen: 20.969 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

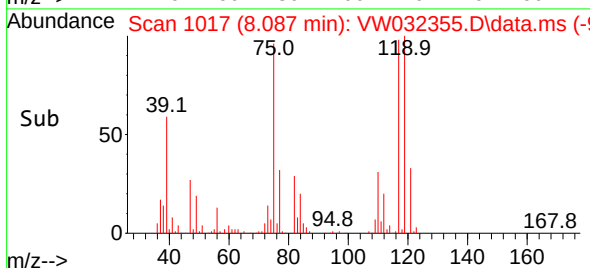
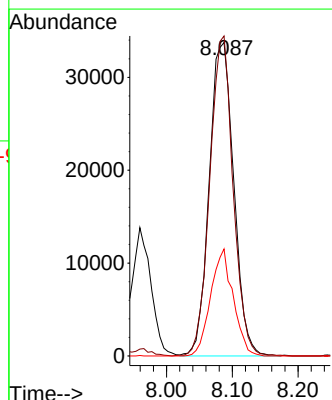
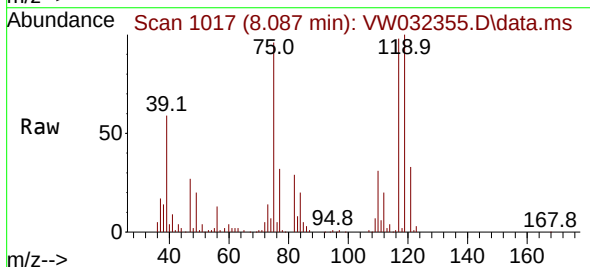
Instrument :
MSVOA_W
ClientSampleId :

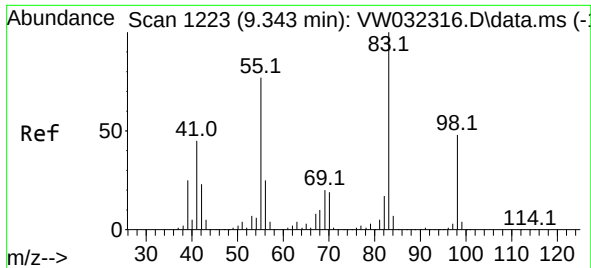
Tgt Ion: 43	Resp: 61621
Ion Ratio	Lower Upper
43 100	
61 14.8	11.3 16.9
70 11.3	8.9 13.3



#38
Carbon Tetrachloride
Concen: 21.122 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:117	Resp:	87754	
Ion	Ratio	Lower	Upper
117	100		
119	101.8	74.2	111.2
121	34.2	25.6	38.4

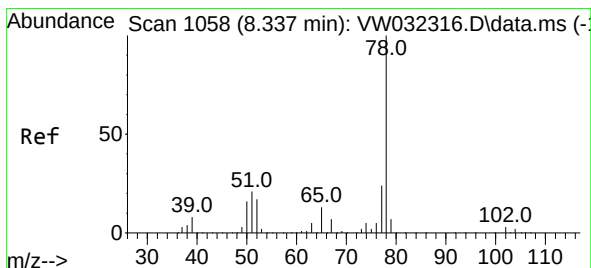
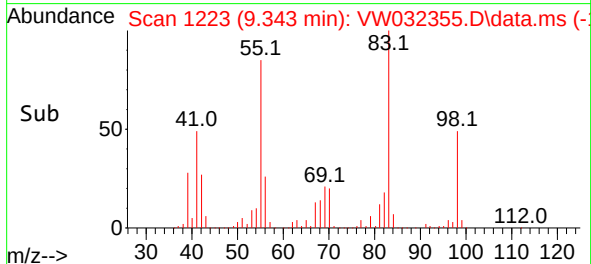
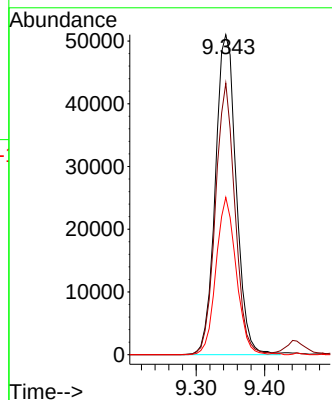
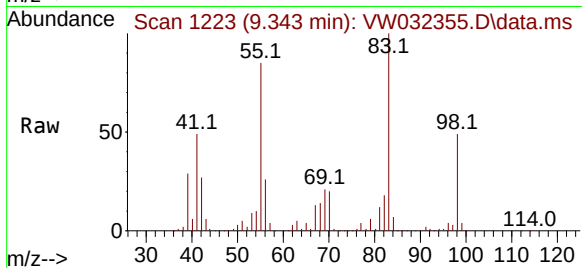




#39
Methylcyclohexane
Concen: 20.187 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

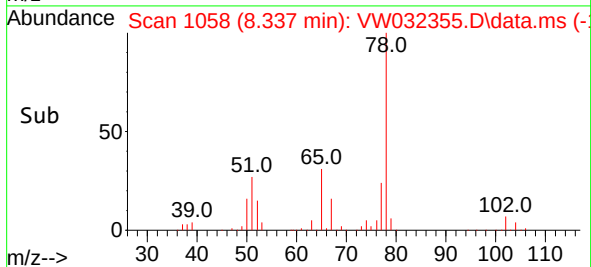
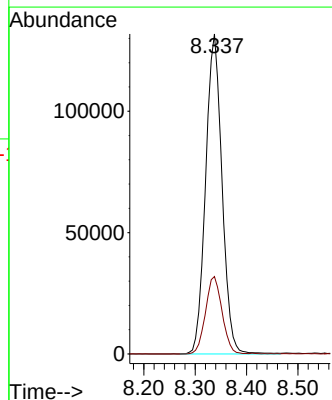
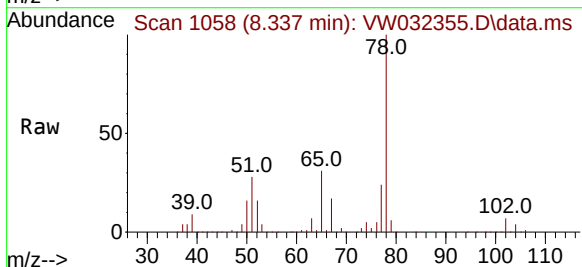
Instrument :
MSVOA_W
ClientSampleId :

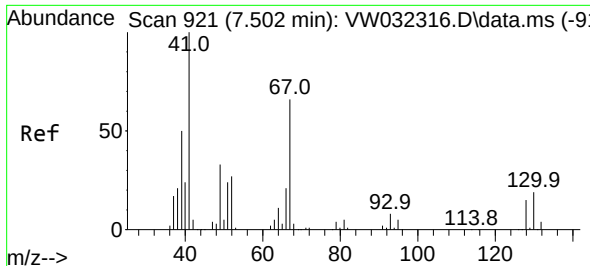
Tgt Ion: 83 Resp: 107508
Ion Ratio Lower Upper
83 100
55 84.8 58.4 87.6
98 49.2 39.4 59.2



#40
Benzene
Concen: 21.064 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 78 Resp: 291494
Ion Ratio Lower Upper
78 100
77 24.2 20.7 31.1



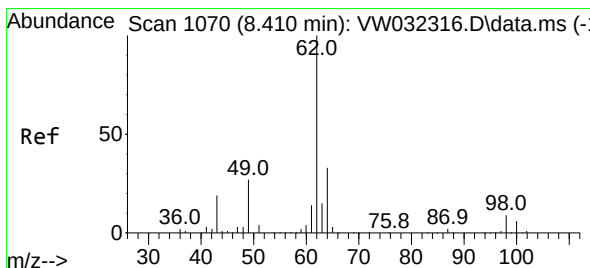
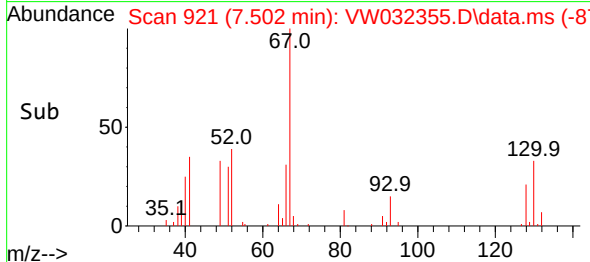
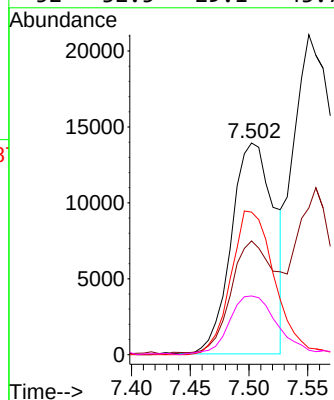
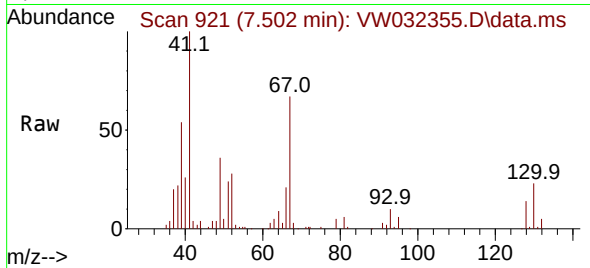


#41
Methacrylonitrile
Concen: 22.255 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 35246

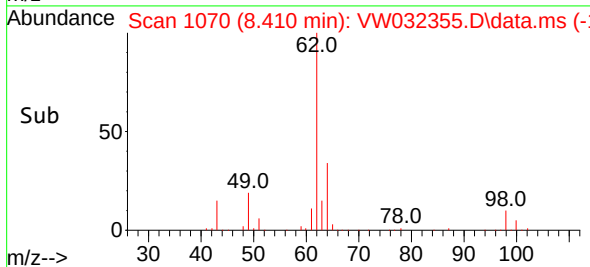
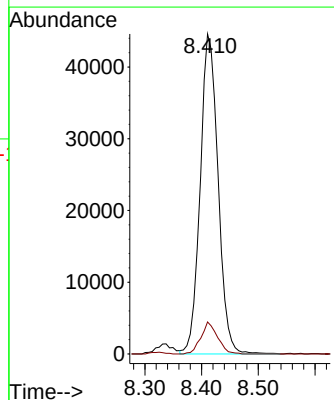
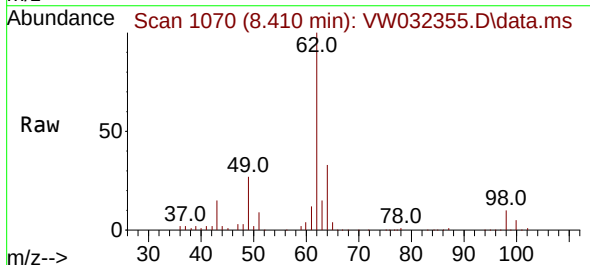
Ion	Ratio	Lower	Upper
41	100		
39	61.0	50.9	76.3
67	70.5	65.6	98.4
52	32.5	29.1	43.7

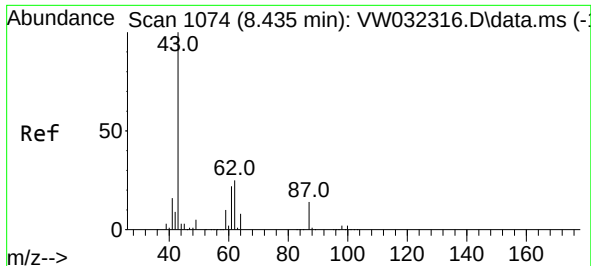


#42
1,2-Dichloroethane
Concen: 21.600 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 62 Resp: 97807

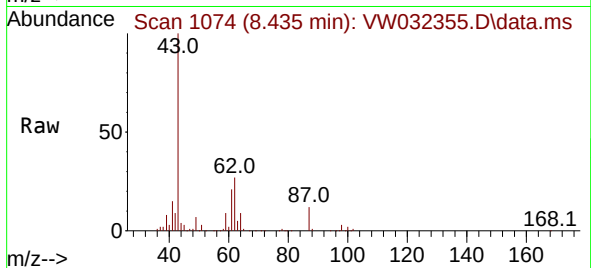
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0



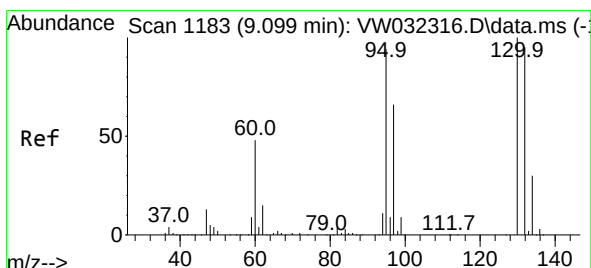
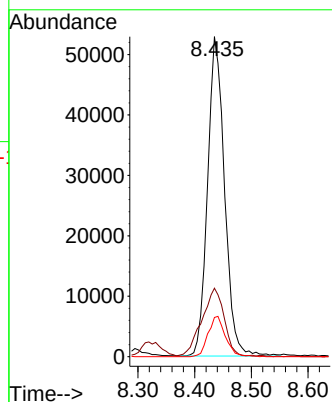
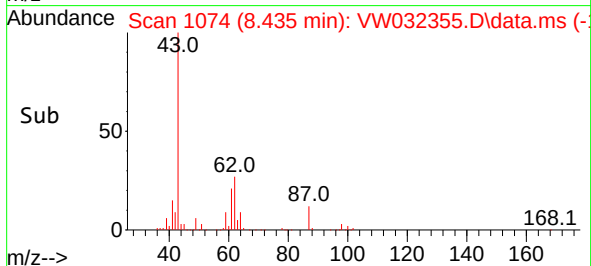


#43
Isopropyl Acetate
Concen: 21.091 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :

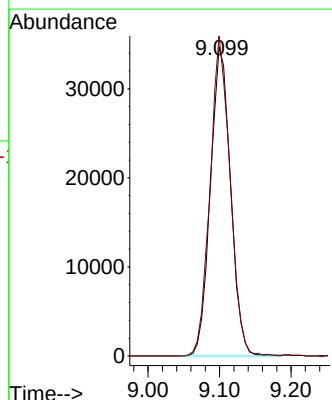
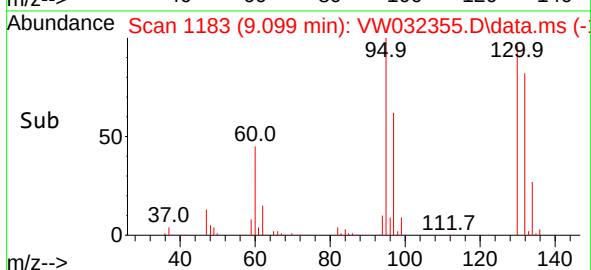
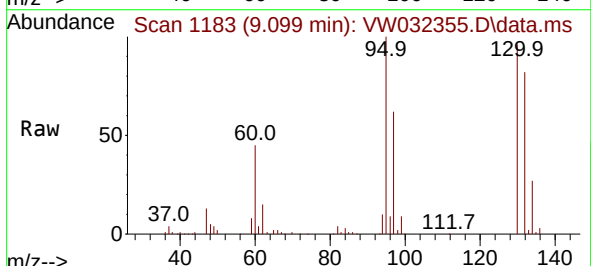


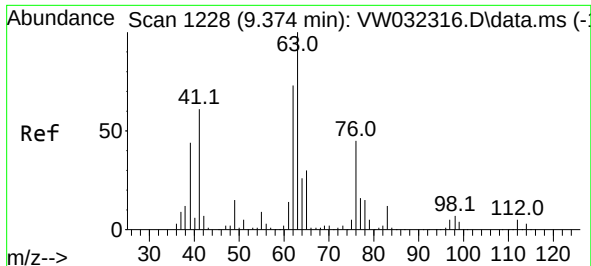
Tgt Ion: 43 Resp: 109950
Ion Ratio Lower Upper
43 100
61 27.6 23.3 34.9
87 12.9 11.1 16.7



#44
Trichloroethene
Concen: 21.036 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:130 Resp: 68165
Ion Ratio Lower Upper
130 100
95 103.7 0.0 220.0





#45

1,2-Dichloropropane

Concen: 21.523 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

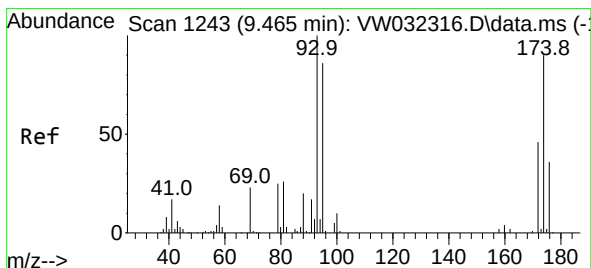
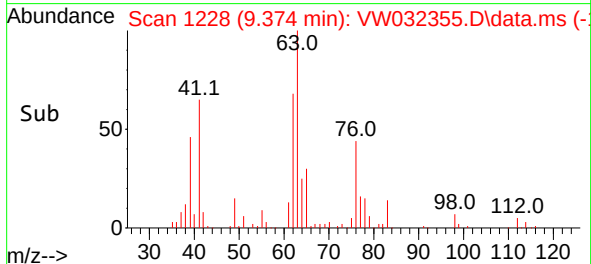
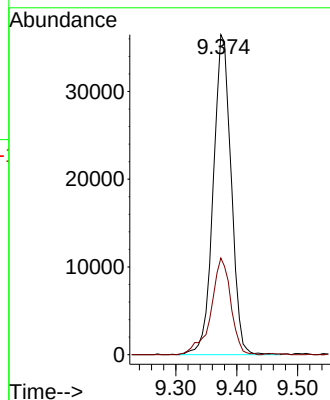
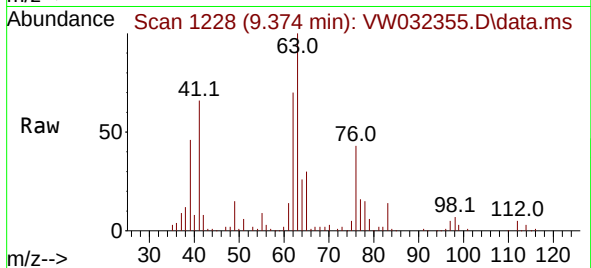
ClientSampleId :

Tgt Ion: 63 Resp: 74344

Ion Ratio Lower Upper

63 100

65 30.0 24.3 36.5



#46

Dibromomethane

Concen: 22.230 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

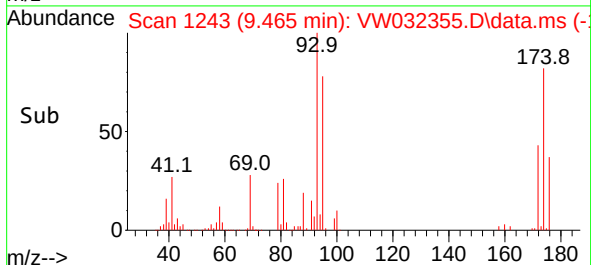
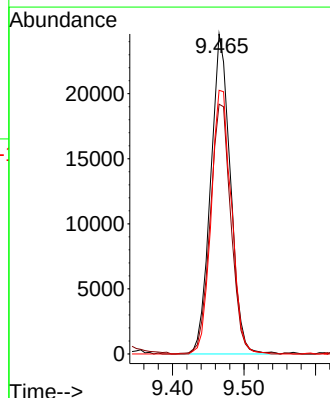
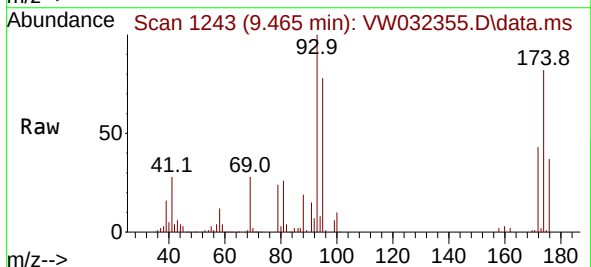
Tgt Ion: 93 Resp: 47218

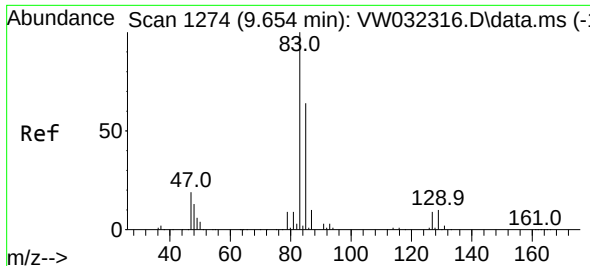
Ion Ratio Lower Upper

93 100

95 81.7 67.4 101.2

174 84.2 75.7 113.5

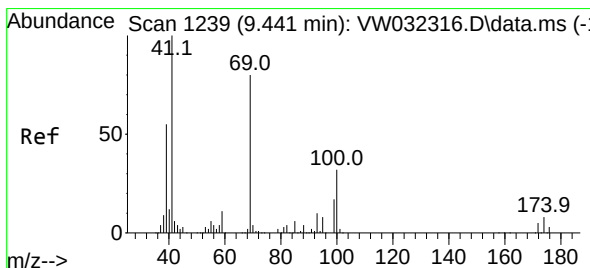
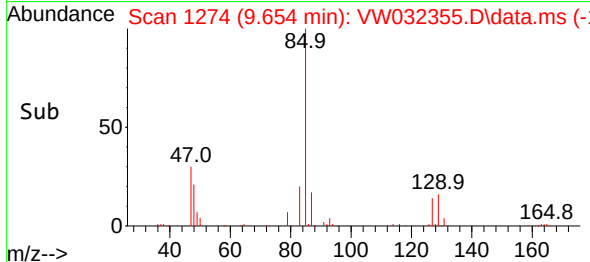
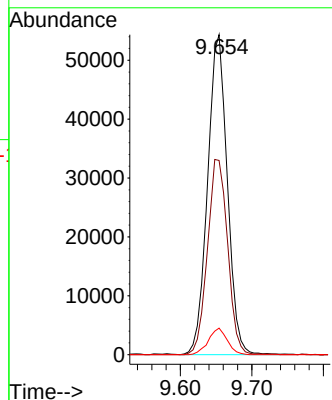
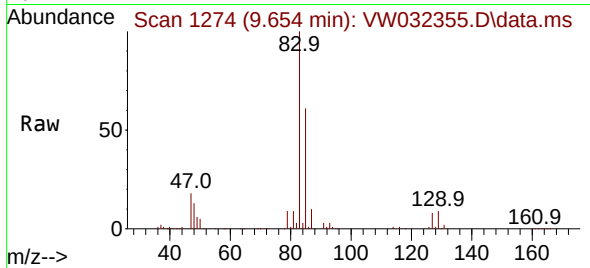




#47
Bromodichloromethane
Concen: 21.456 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

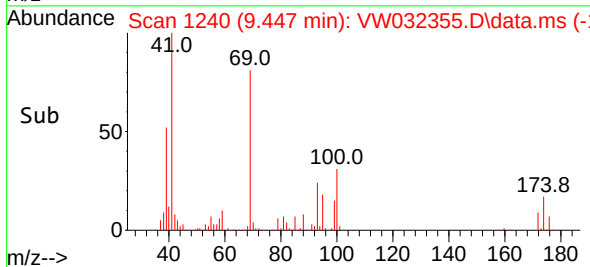
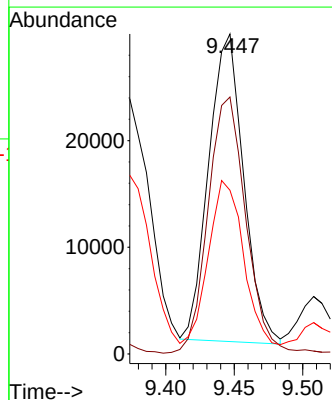
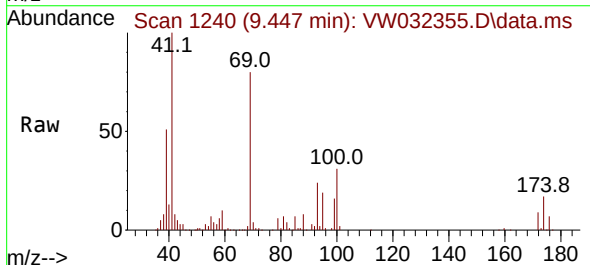
Instrument :
MSVOA_W
ClientSampleId :

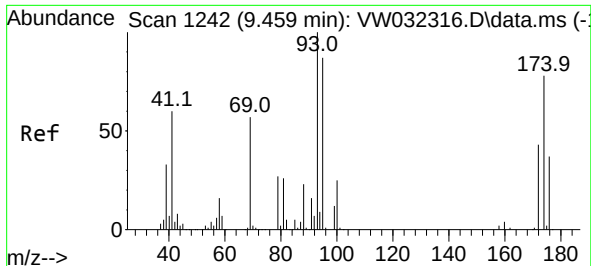
Tgt Ion: 83 Resp: 104237
Ion Ratio Lower Upper
83 100
85 60.7 48.7 73.1
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 20.156 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 41 Resp: 51089
Ion Ratio Lower Upper
41 100
69 90.8 71.5 107.3
39 58.8 55.9 83.9





#49

1,4-Dioxane

Concen: 428.631 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

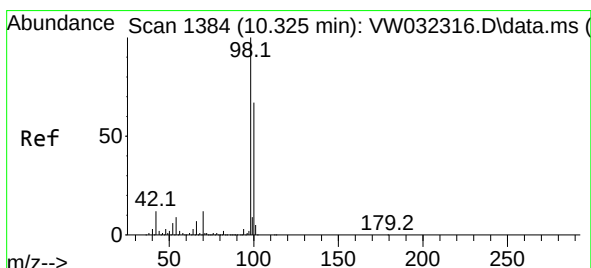
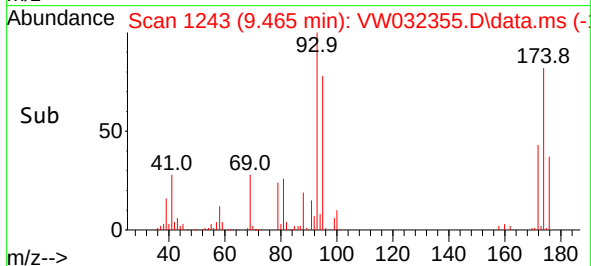
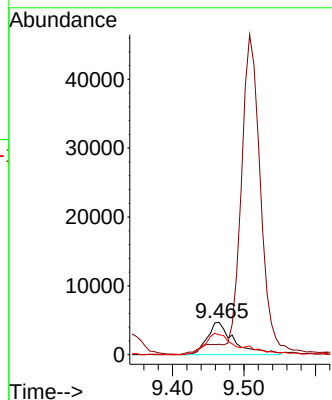
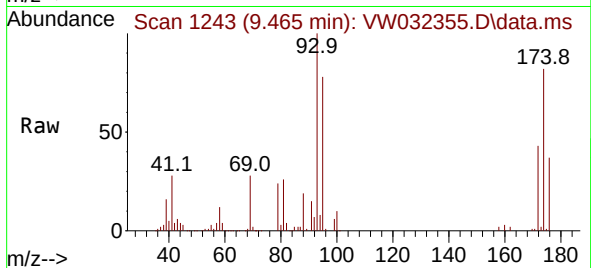
Tgt Ion: 88 Resp: 12444

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 61.9 55.4 83.0



#50

Toluene-d8

Concen: 52.549 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032355.D

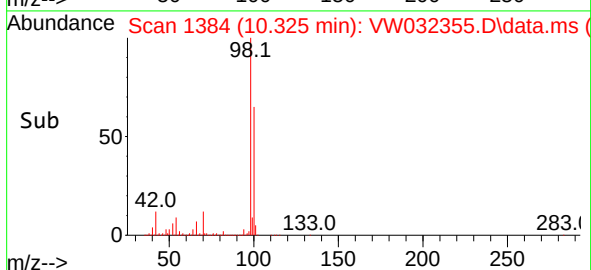
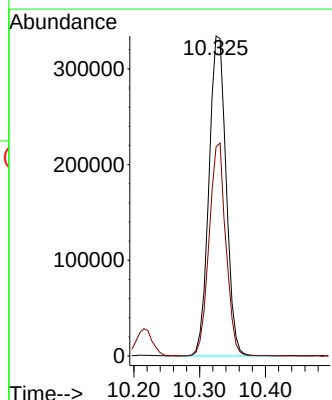
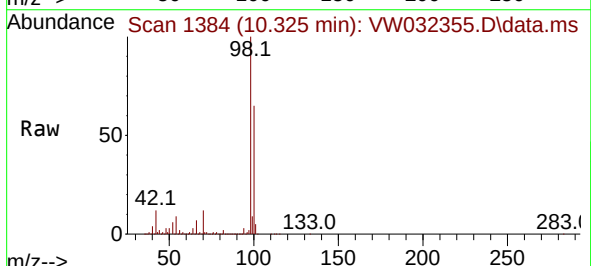
Acq: 06 Oct 2025 13:26

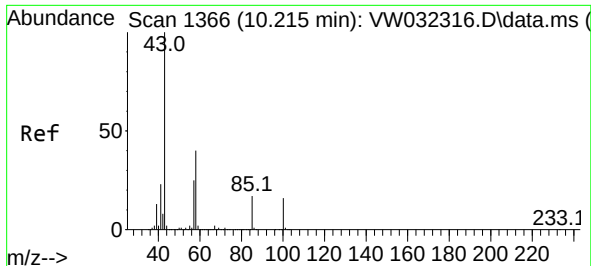
Tgt Ion: 98 Resp: 606740

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.2

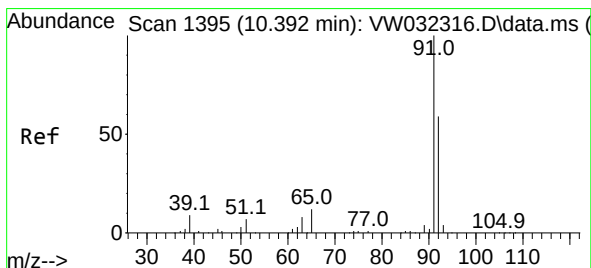
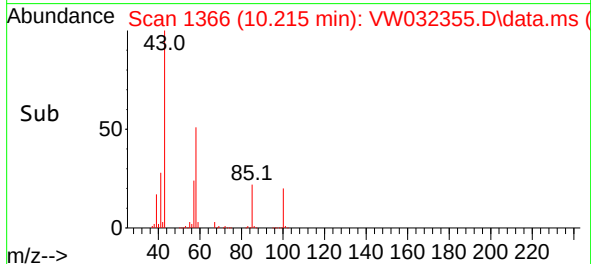
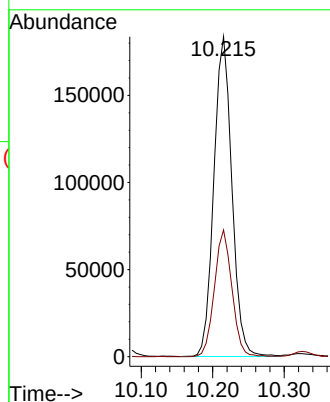
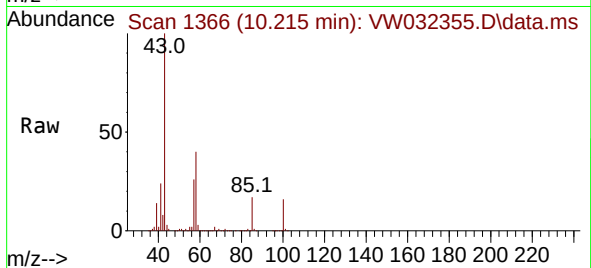




#51
4-Methyl-2-Pentanone
Concen: 106.538 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

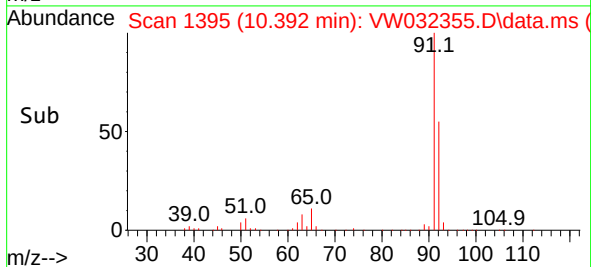
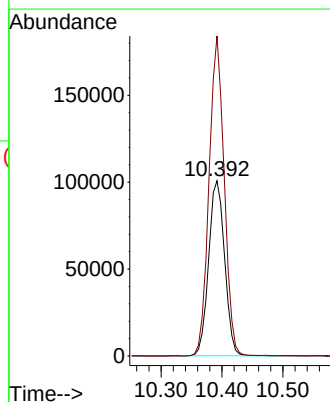
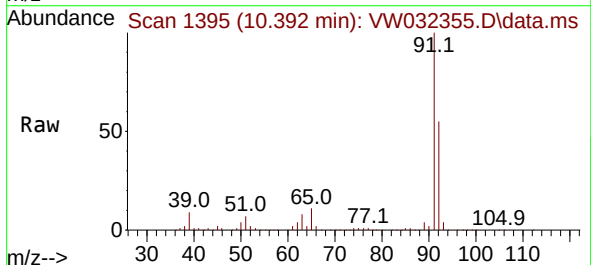
Instrument :
MSVOA_W
ClientSampleId :

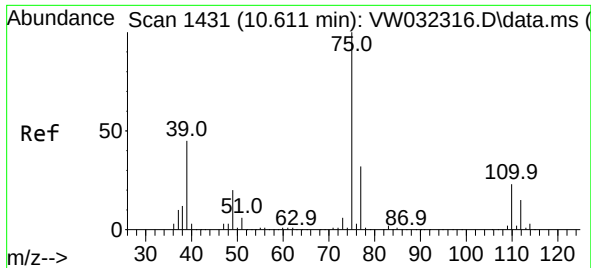
Tgt Ion: 43 Resp: 321690
Ion Ratio Lower Upper
43 100
58 38.5 32.0 48.0



#52
Toluene
Concen: 21.294 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 92 Resp: 183514
Ion Ratio Lower Upper
92 100
91 173.7 137.5 206.3

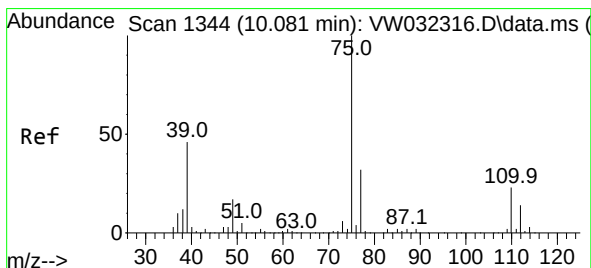
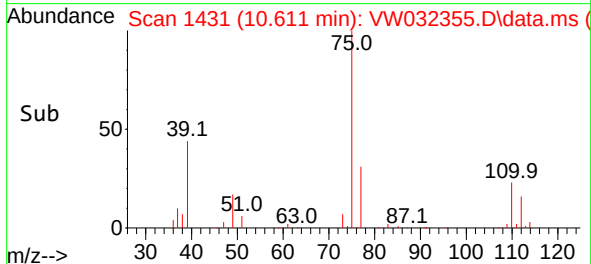
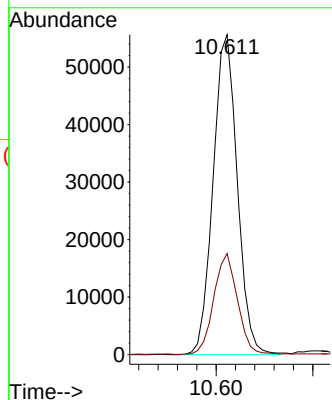
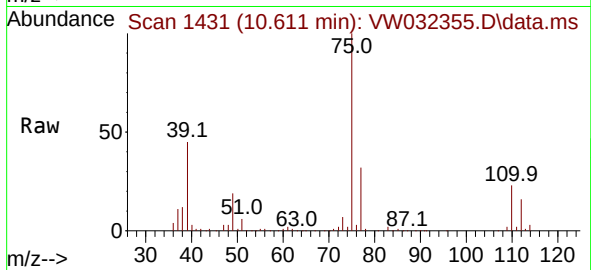




#53
 t-1,3-Dichloropropene
 Concen: 20.463 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

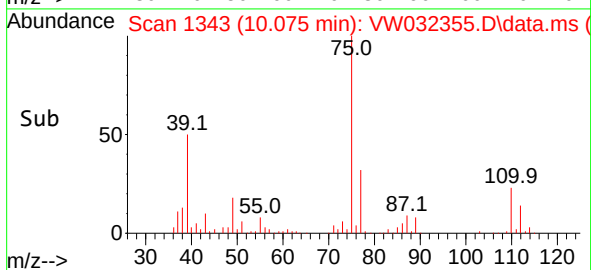
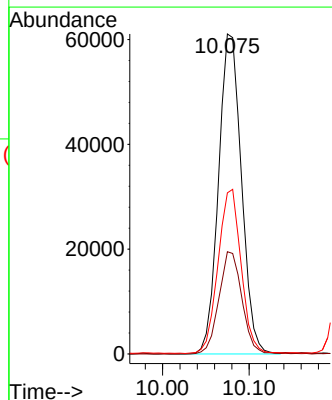
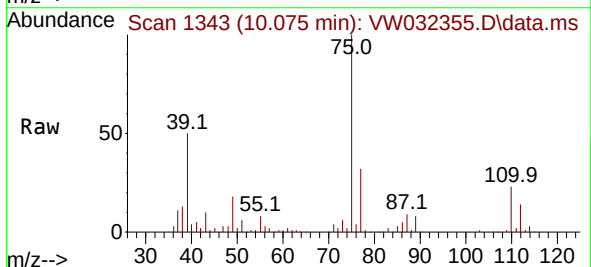
Instrument :
 MSVOA_W
 ClientSampleId :

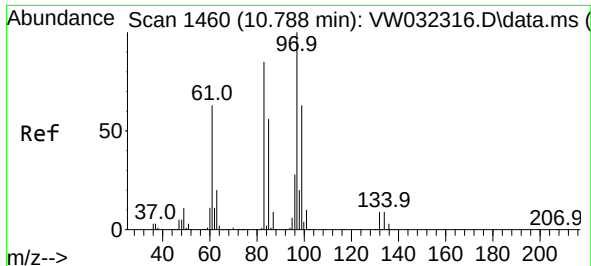
Tgt Ion: 75 Resp: 96450
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.694 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032355.D
 Acq: 06 Oct 2025 13:26

Tgt Ion: 75 Resp: 112352
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7
 39 50.1 43.2 64.8

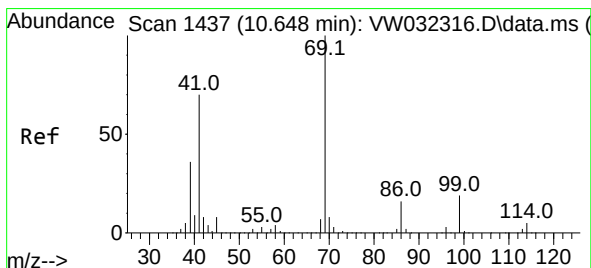
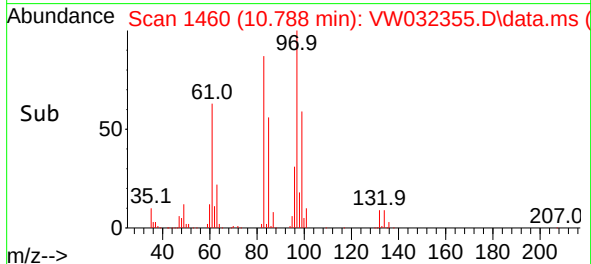
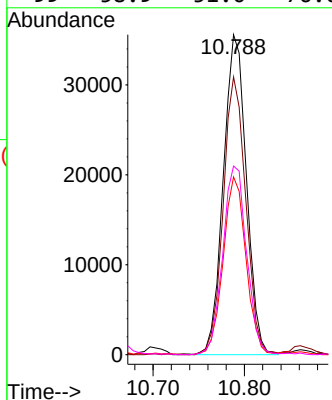
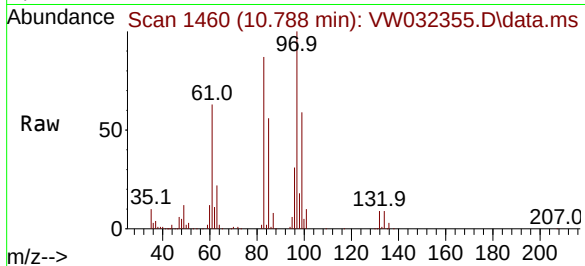




#55
1,1,2-Trichloroethane
Concen: 21.996 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

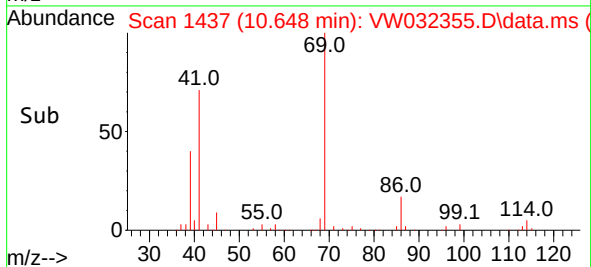
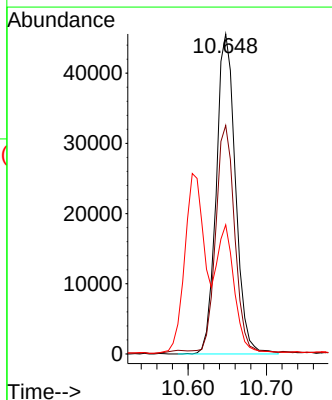
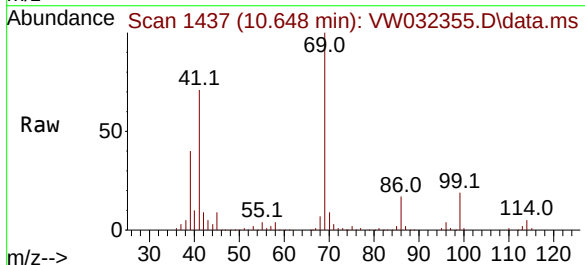
Instrument :
MSVOA_W
ClientSampleId :

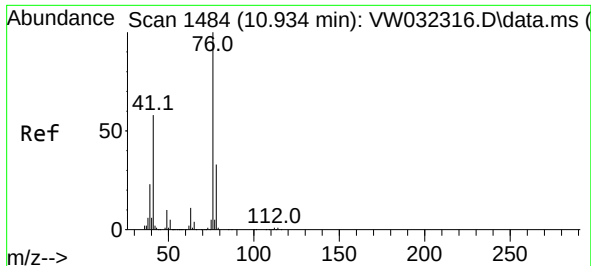
Tgt Ion: 97	Resp: 62444
Ion Ratio	Lower Upper
97 100	
83 86.6	71.0 106.6
85 55.5	42.8 64.2
99 58.9	51.0 76.6



#56
Ethyl methacrylate
Concen: 19.589 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 69	Resp: 77835
Ion Ratio	Lower Upper
69 100	
41 69.1	53.2 79.8
39 36.3	32.9 49.3





#57

1,3-Dichloropropane

Concen: 21.386 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

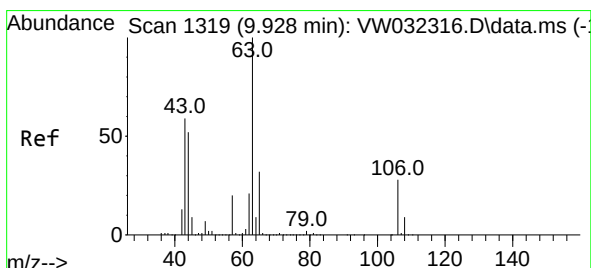
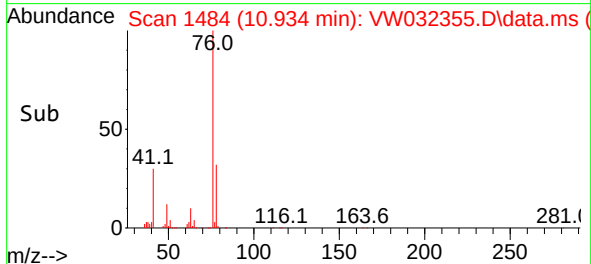
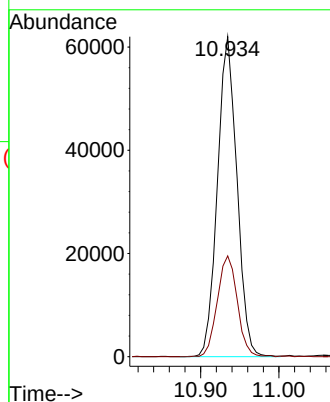
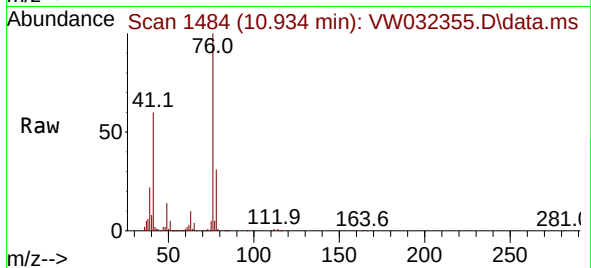
ClientSampleId :

Tgt Ion: 76 Resp: 107230

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.541 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032355.D

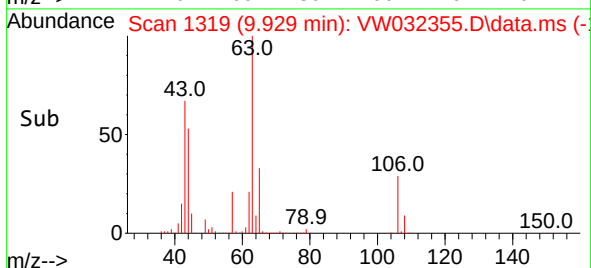
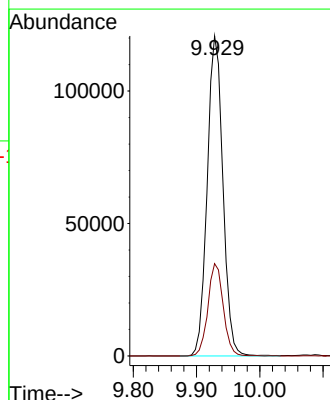
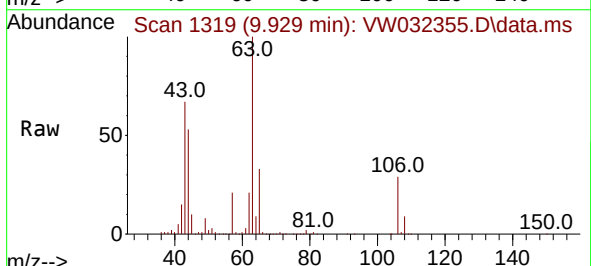
Acq: 06 Oct 2025 13:26

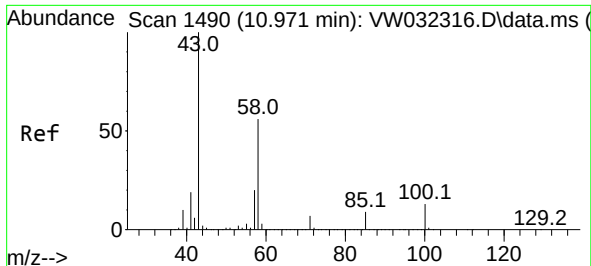
Tgt Ion: 63 Resp: 208384

Ion Ratio Lower Upper

63 100

106 28.2 24.3 36.5

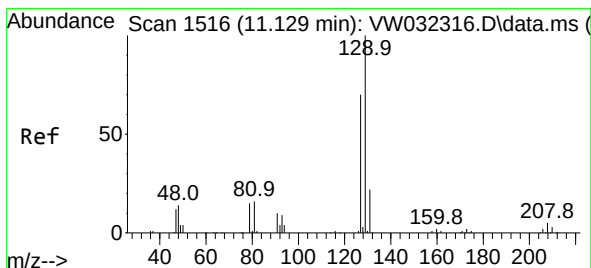
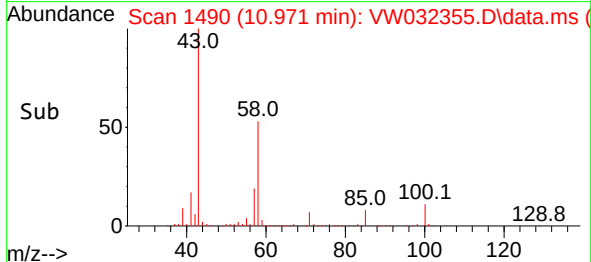
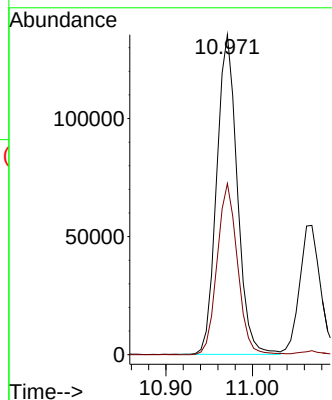
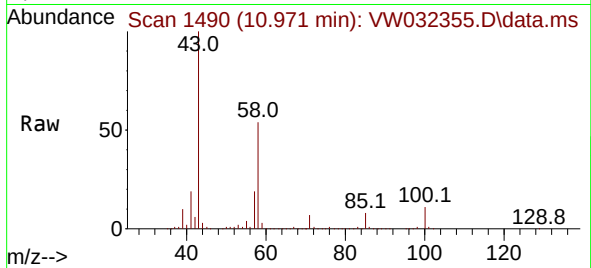




#59
2-Hexanone
Concen: 104.838 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

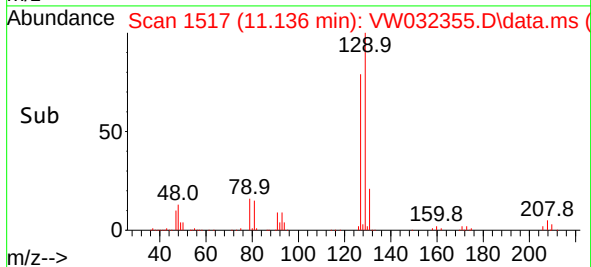
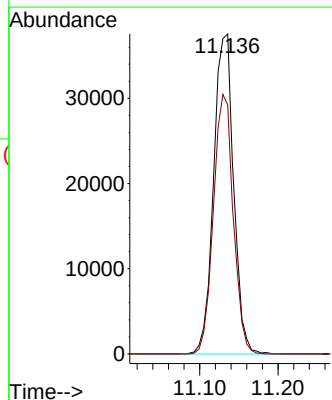
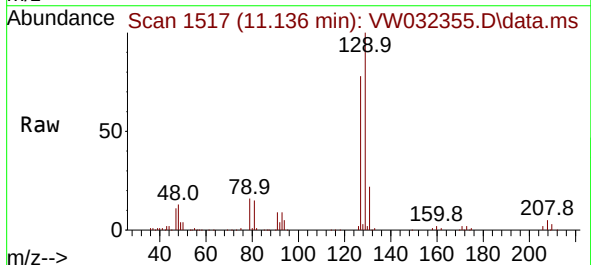
Instrument :
MSVOA_W
ClientSampleId :

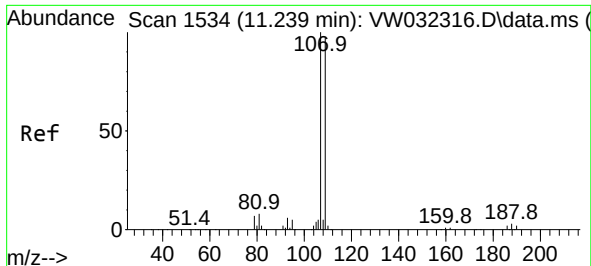
Tgt Ion: 43 Resp: 223263
Ion Ratio Lower Upper
43 100
58 53.0 27.5 82.4



#60
Dibromochloromethane
Concen: 20.672 ug/l
RT: 11.136 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

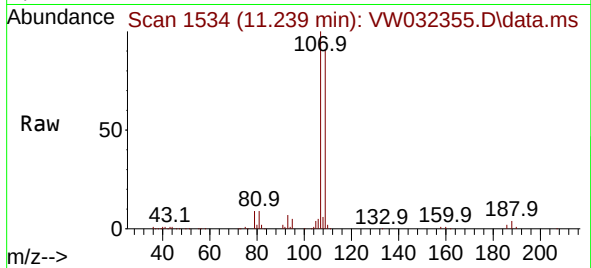
Tgt Ion:129 Resp: 66635
Ion Ratio Lower Upper
129 100
127 80.5 38.1 114.5



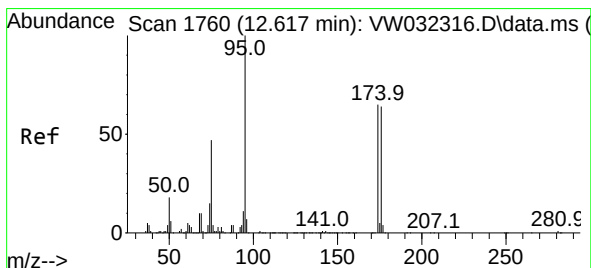
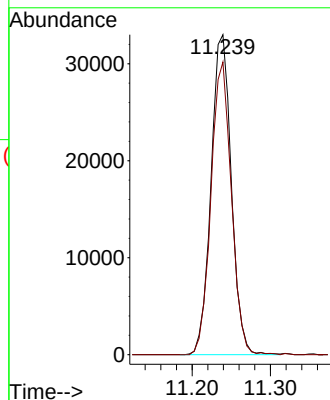
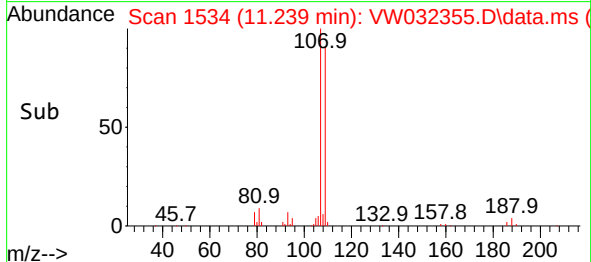


#61
1,2-Dibromoethane
Concen: 21.433 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

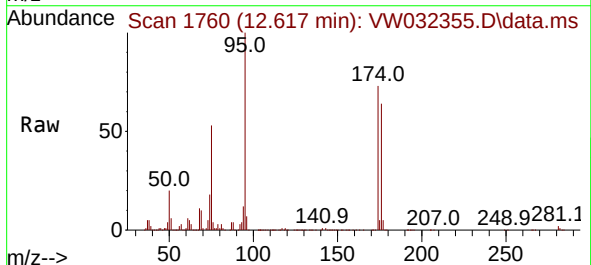
Instrument :
MSVOA_W
ClientSampleId :



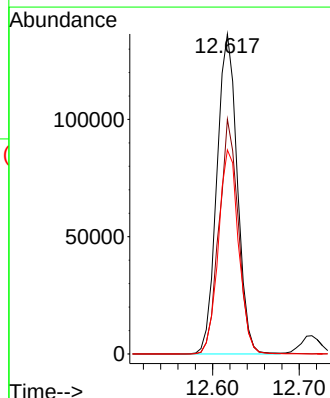
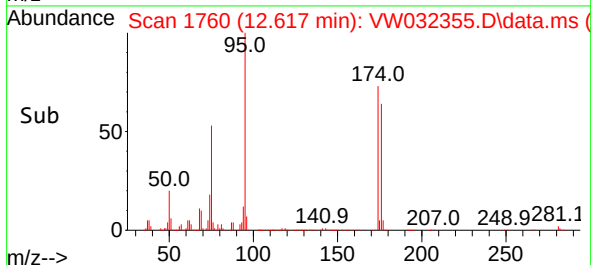
Tgt Ion:107 Resp: 59329
Ion Ratio Lower Upper
107 100
109 91.9 74.5 111.7

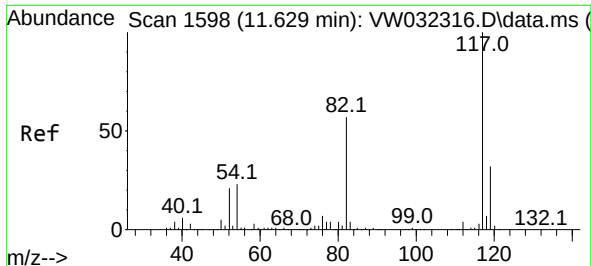


#62
4-Bromofluorobenzene
Concen: 51.122 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26



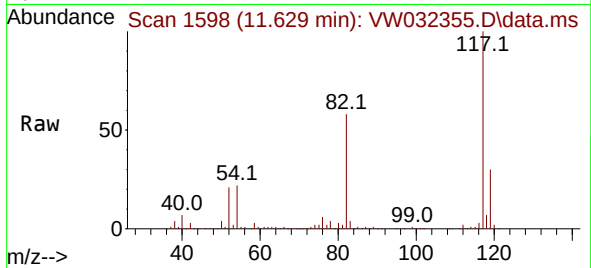
Tgt Ion: 95 Resp: 223100
Ion Ratio Lower Upper
95 100
174 69.3 0.0 145.6
176 63.5 0.0 140.8



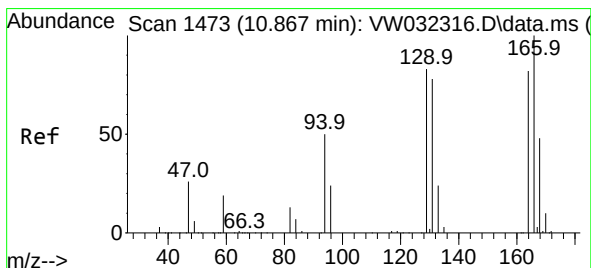
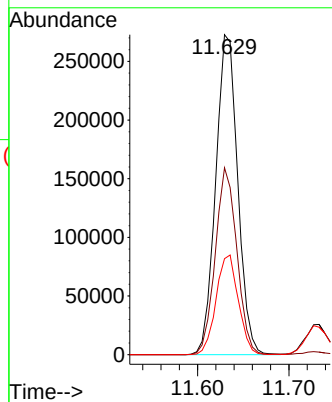
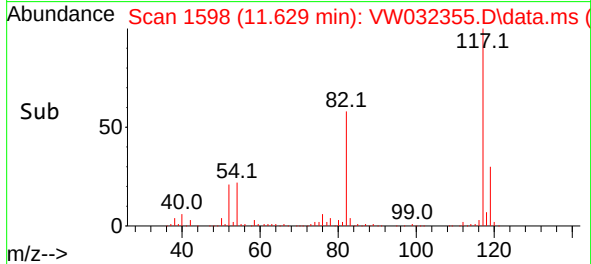


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

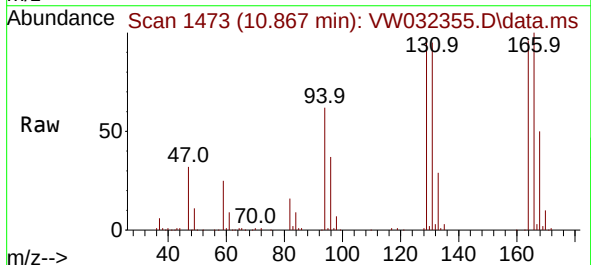
Instrument :
MSVOA_W
ClientSampleId :



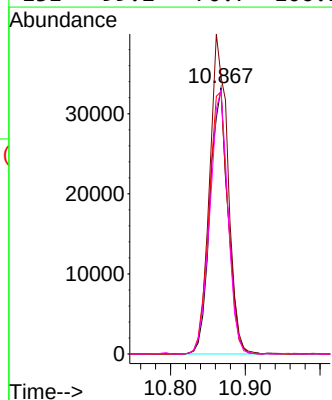
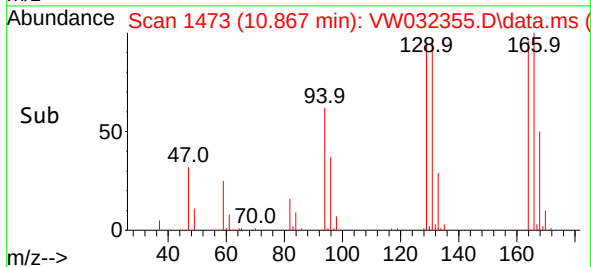
Tgt Ion:117 Resp: 457500
Ion Ratio Lower Upper
117 100
82 58.4 42.7 64.1
119 30.0 25.2 37.8

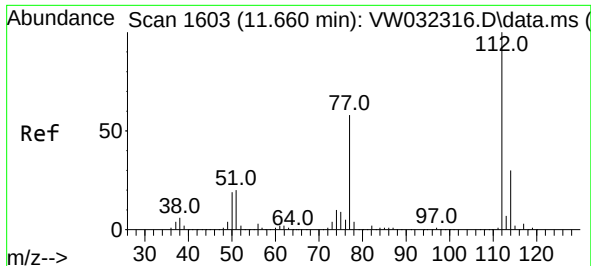


#64
Tetrachloroethene
Concen: 20.298 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26



Tgt Ion:164 Resp: 55566
Ion Ratio Lower Upper
164 100
166 104.3 97.5 146.3
129 98.6 71.2 106.8
131 99.2 70.7 106.1

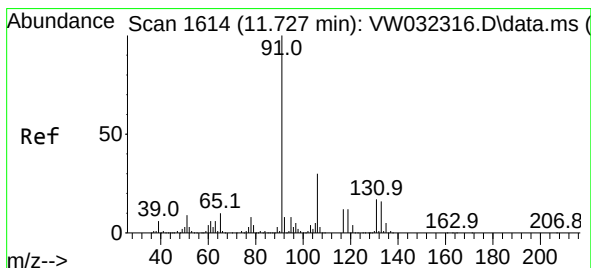
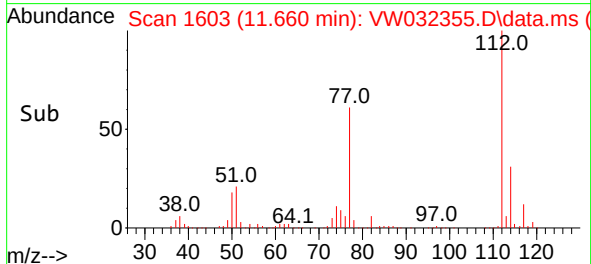
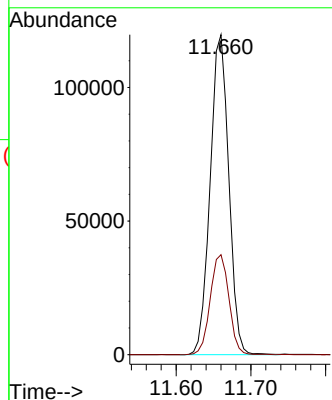
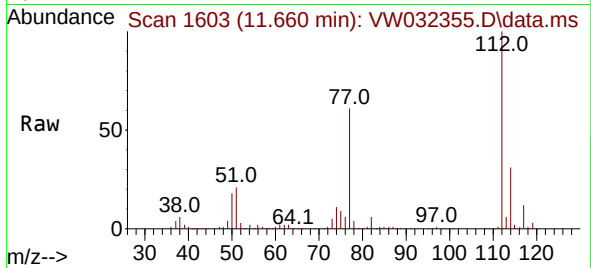




#65
Chlorobenzene
Concen: 20.558 ug/l
RT: 11.660 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

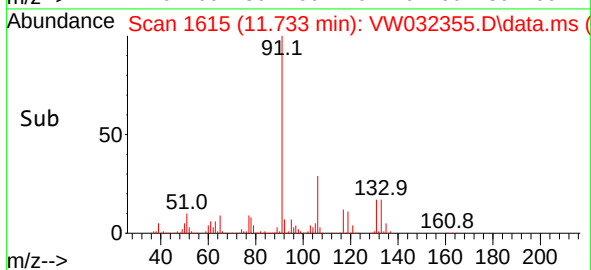
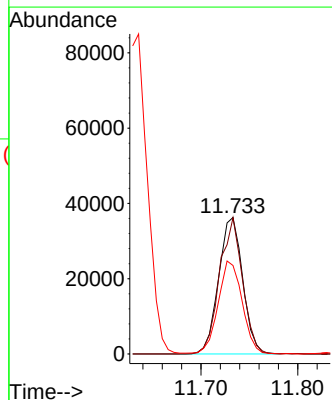
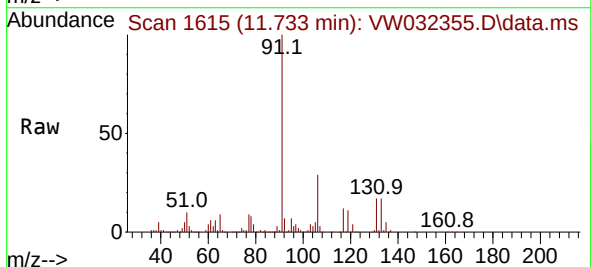
Instrument :
MSVOA_W
ClientSampleId :

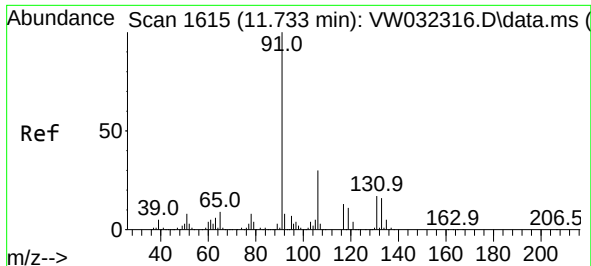
Tgt Ion:112 Resp: 206937
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.974 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:131 Resp: 62624
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 68.1 32.8 98.3

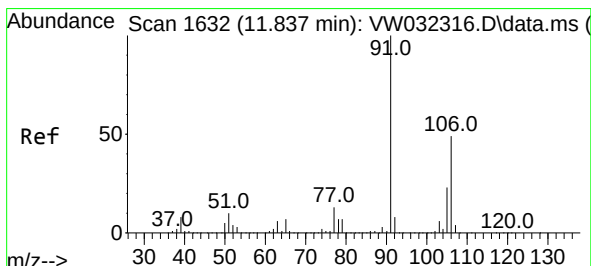
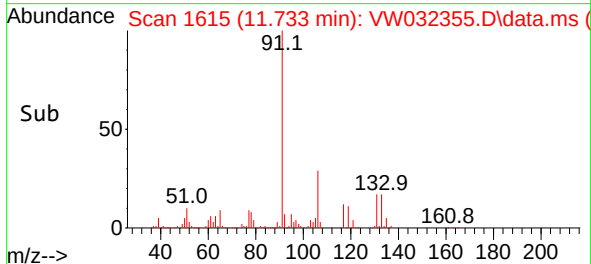
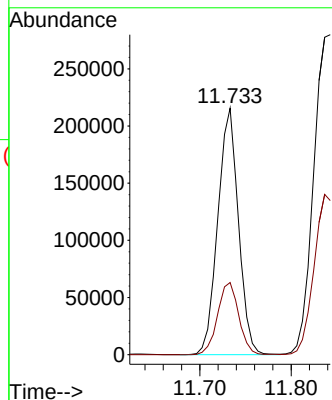
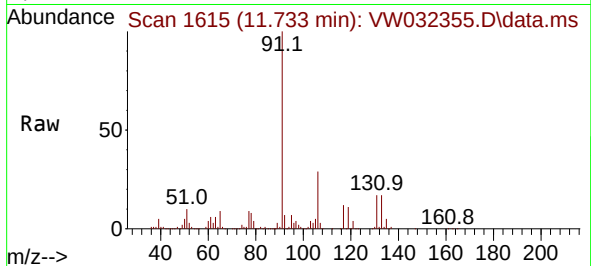




#67
Ethyl Benzene
Concen: 20.153 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

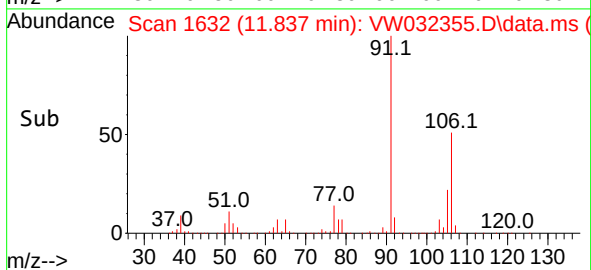
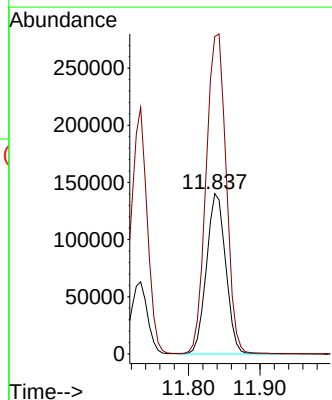
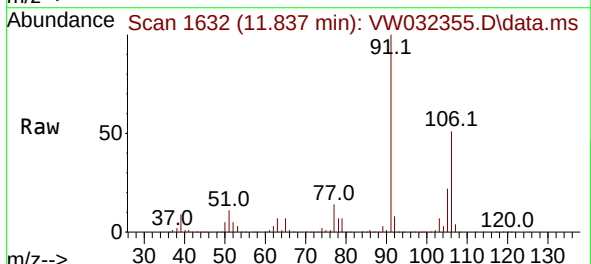
Instrument :
MSVOA_W
ClientSampleId :

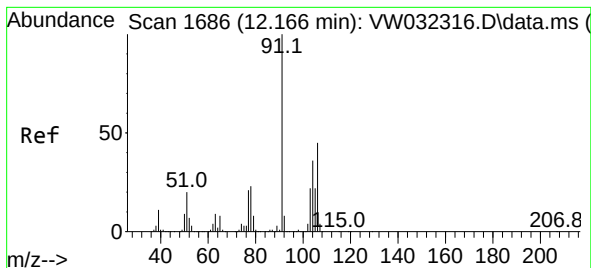
Tgt Ion: 91 Resp: 338155
Ion Ratio Lower Upper
91 100
106 29.3 25.3 37.9



#68
m/p-Xylenes
Concen: 40.538 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:106 Resp: 262284
Ion Ratio Lower Upper
106 100
91 208.2 164.2 246.2

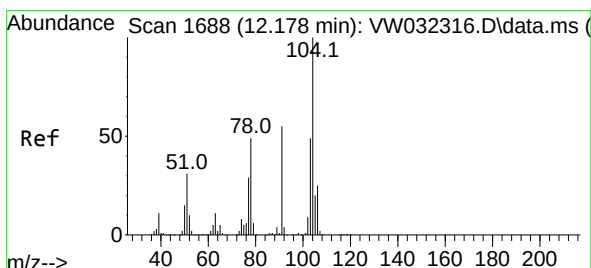
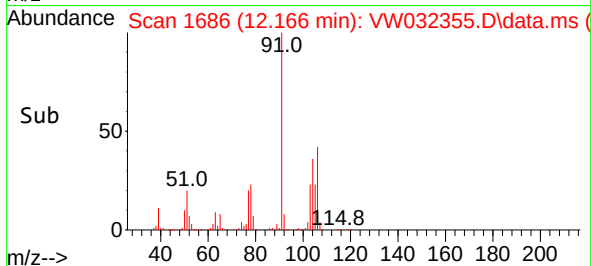
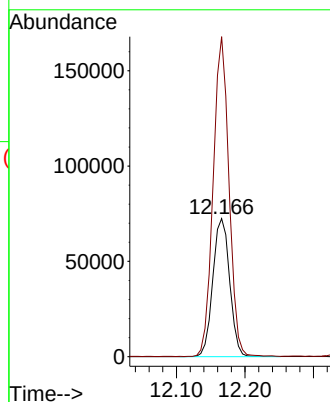
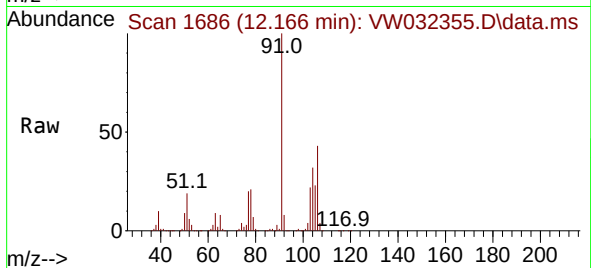




#69
o-Xylene
Concen: 20.469 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

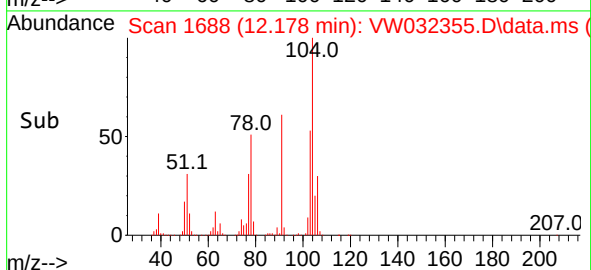
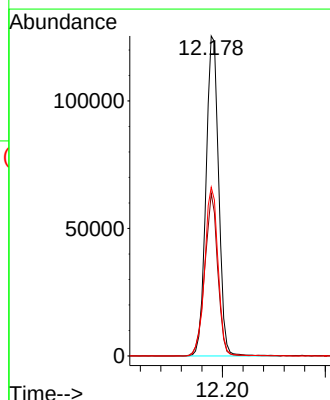
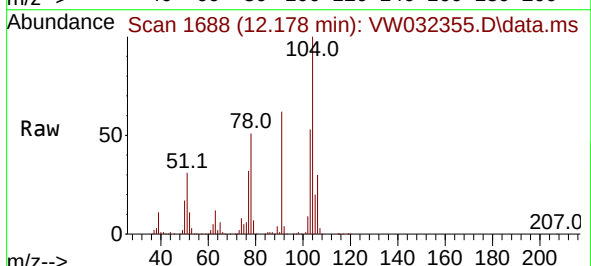
Instrument :
MSVOA_W
ClientSampleId :

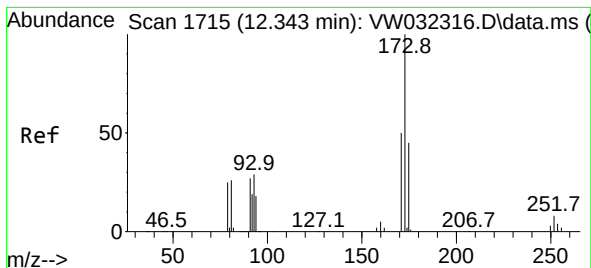
Tgt Ion:106 Resp: 123852
Ion Ratio Lower Upper
106 100
91 218.0 108.7 326.3



#70
Styrene
Concen: 20.399 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:104 Resp: 215503
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 55.3 44.8 67.2





#71

Bromoform

Concen: 20.624 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032355.D

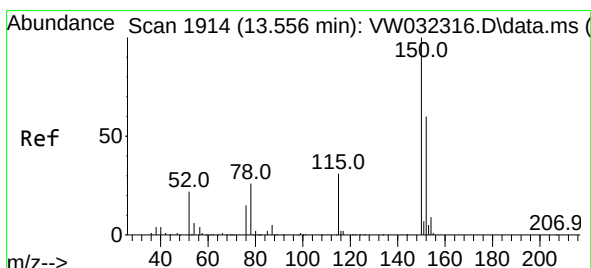
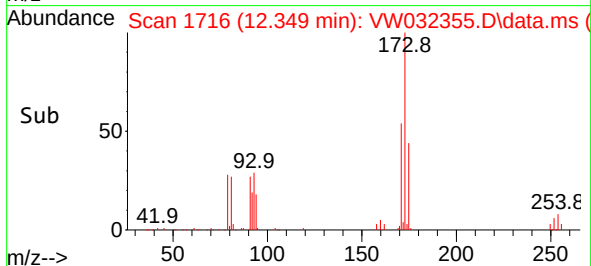
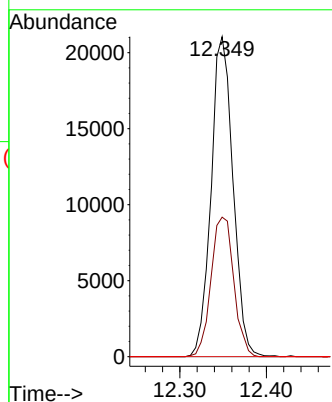
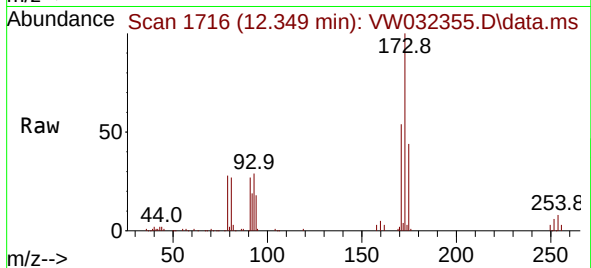
Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	37064
Ion Ratio	Lower	Upper
173	100	
175	45.2	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

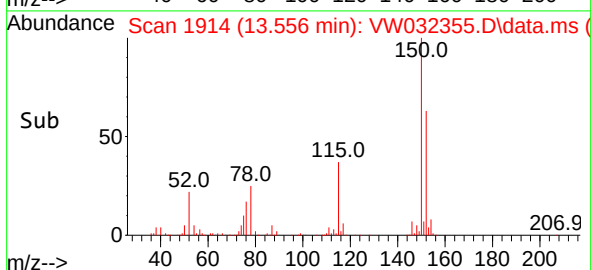
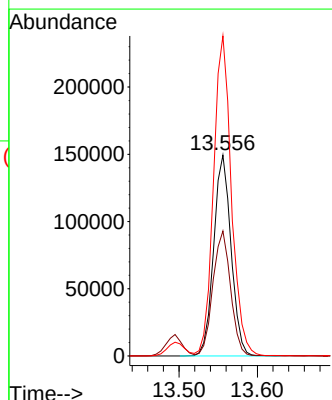
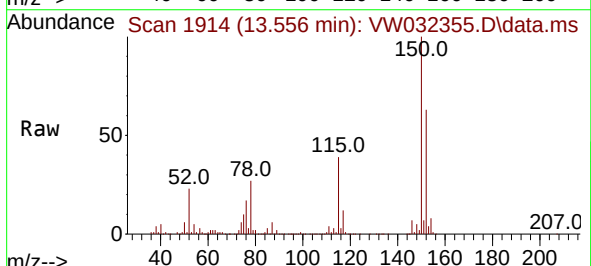
RT: 13.556 min Scan# 1914

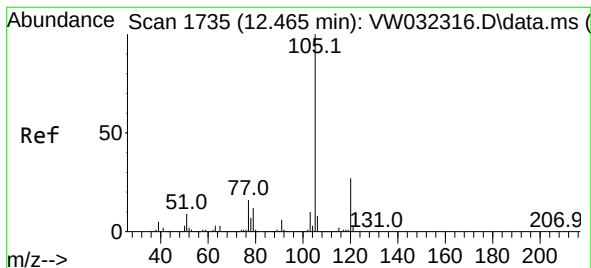
Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Tgt Ion:152	Resp:	230101
Ion Ratio	Lower	Upper
152	100	
115	63.3	31.8 95.4
150	163.9	0.0 343.0





#73

Isopropylbenzene

Concen: 19.284 ug/l

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

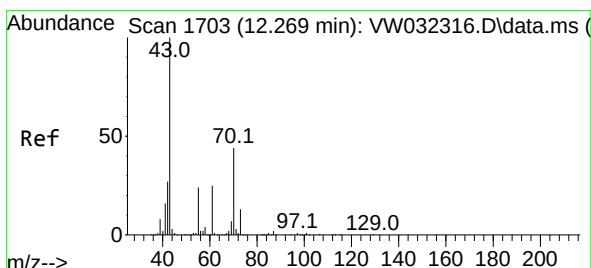
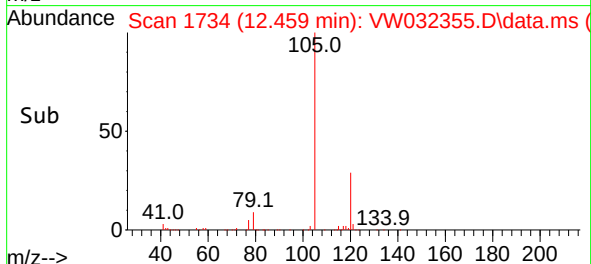
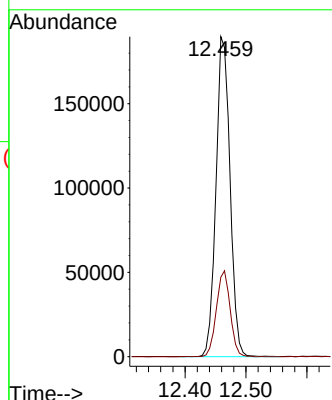
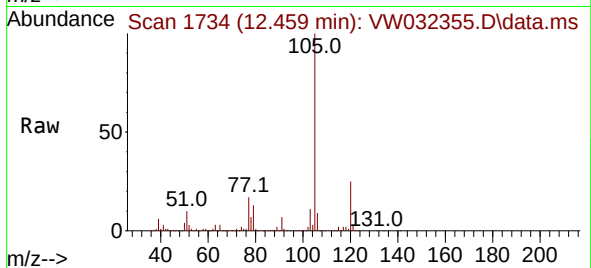
ClientSampleId :

Tgt Ion:105 Resp: 303572

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 19.679 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Tgt Ion: 43 Resp: 98829

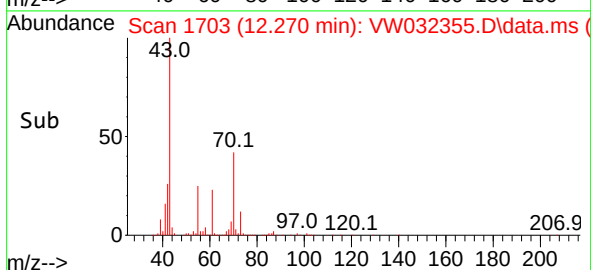
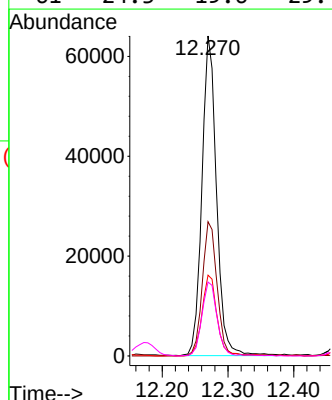
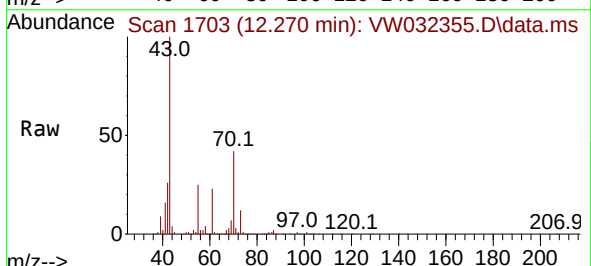
Ion Ratio Lower Upper

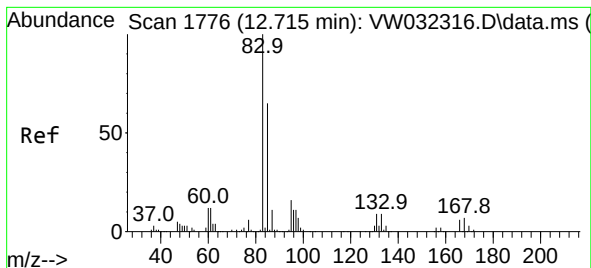
43 100

70 42.9 35.3 52.9

55 26.2 19.9 29.9

61 24.3 19.6 29.4

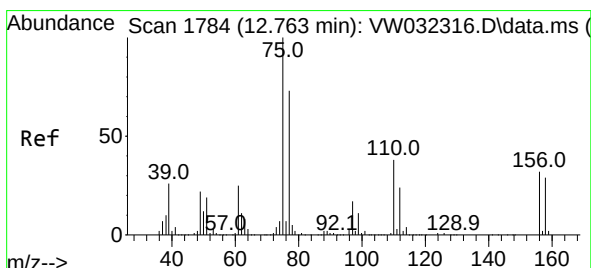
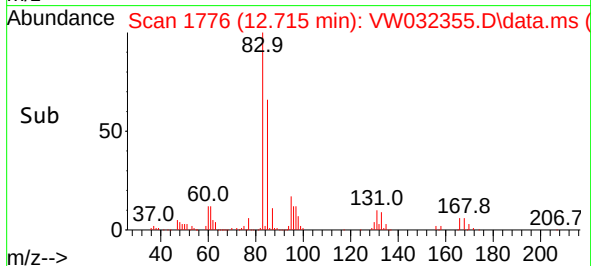
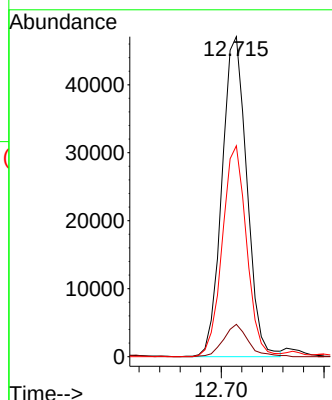
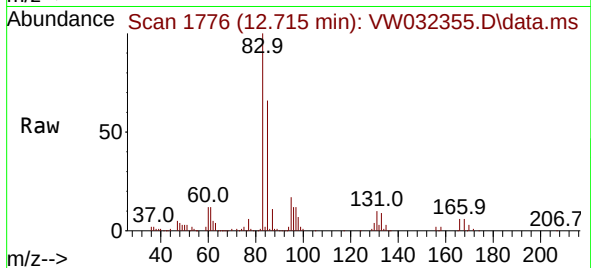




#75
1,1,2,2-Tetrachloroethane
Concen: 20.215 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

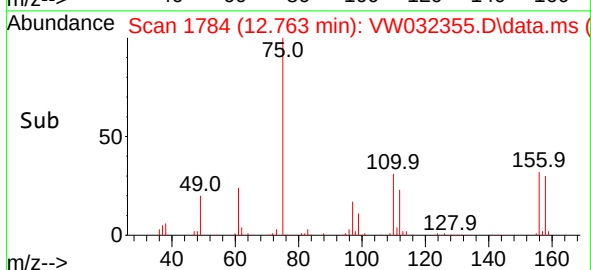
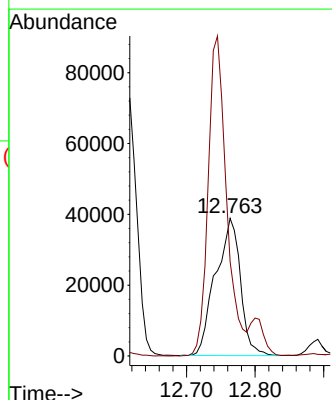
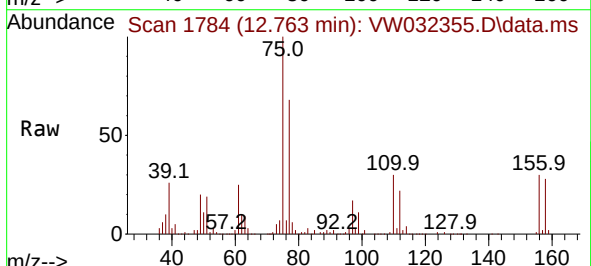
Instrument :
MSVOA_W
ClientSampleId :

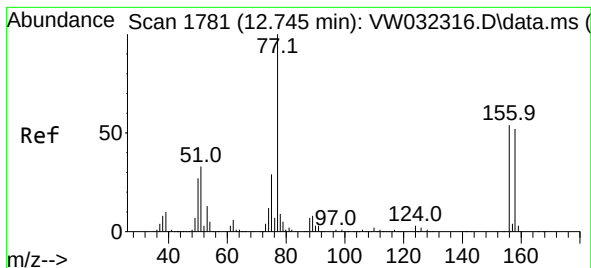
Tgt Ion: 83 Resp: 79017
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.170 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion: 75 Resp: 97410
Ion Ratio Lower Upper
75 100
77 174.2 141.7 425.1





#77

Bromobenzene

Concen: 19.751 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

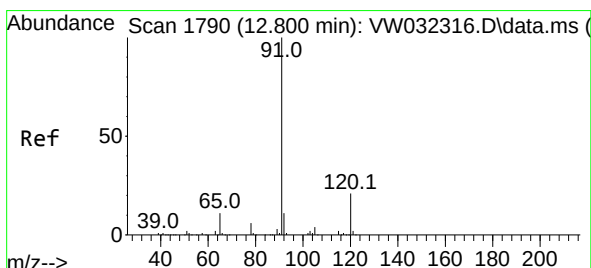
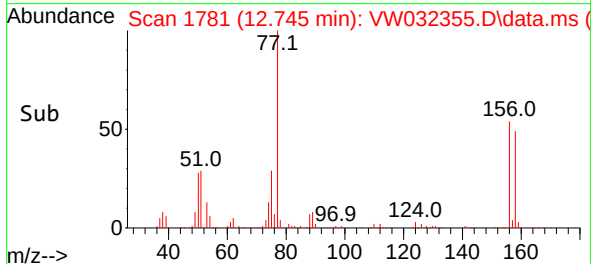
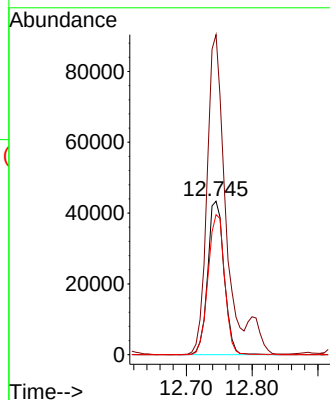
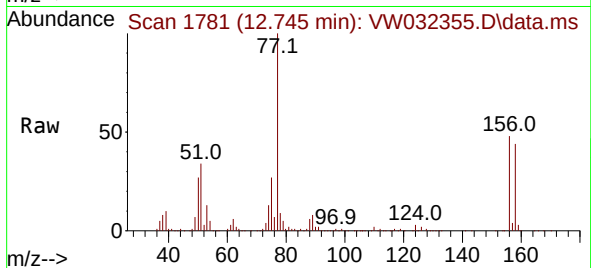
Tgt Ion:156 Resp: 74952

Ion Ratio Lower Upper

156 100

77 226.4 98.6 295.7

158 92.2 48.4 145.0



#78

n-propylbenzene

Concen: 19.999 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032355.D

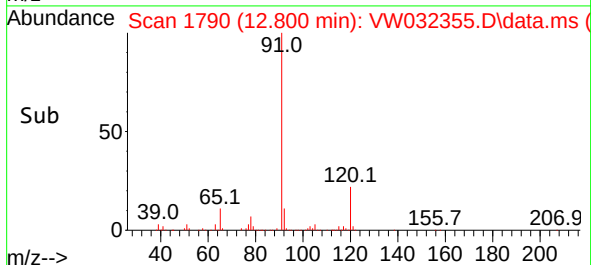
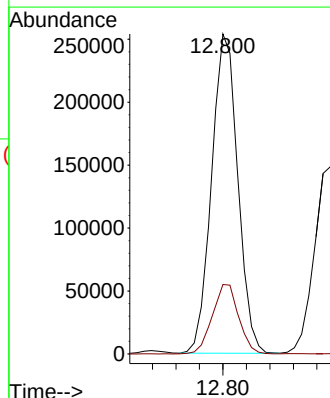
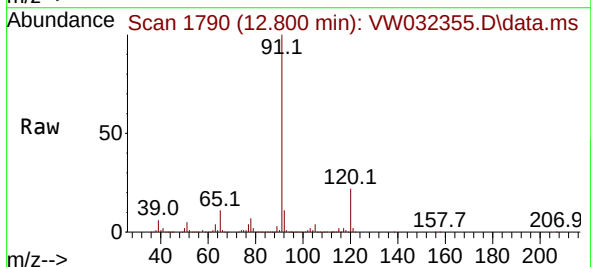
Acq: 06 Oct 2025 13:26

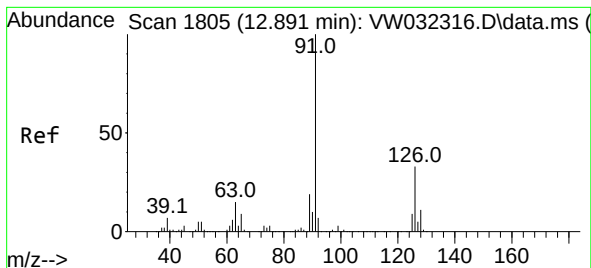
Tgt Ion: 91 Resp: 393274

Ion Ratio Lower Upper

91 100

120 21.9 11.8 35.4

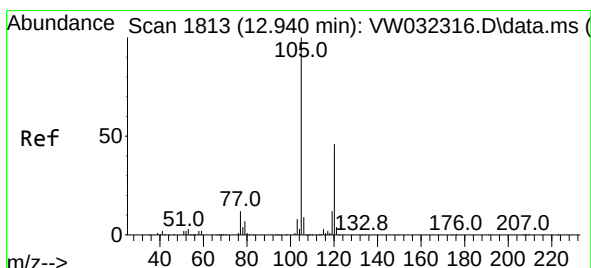
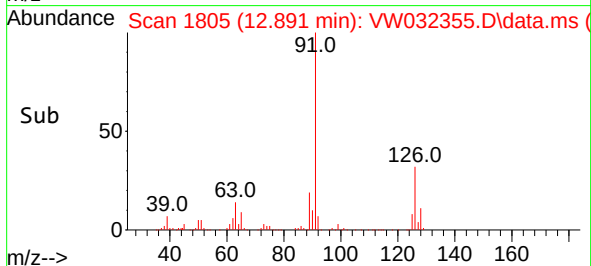
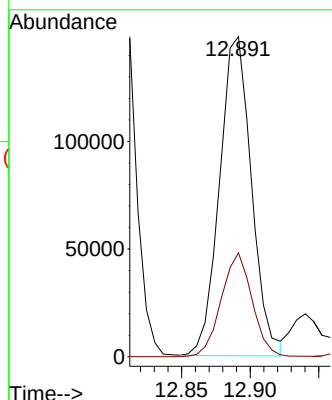
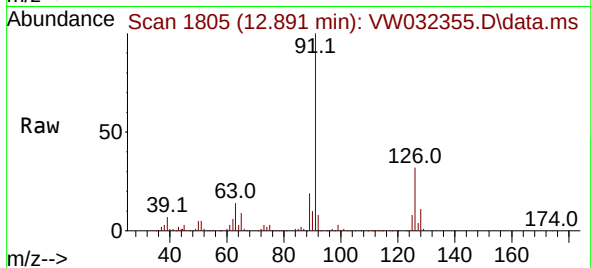




#79
2-Chlorotoluene
Concen: 20.027 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

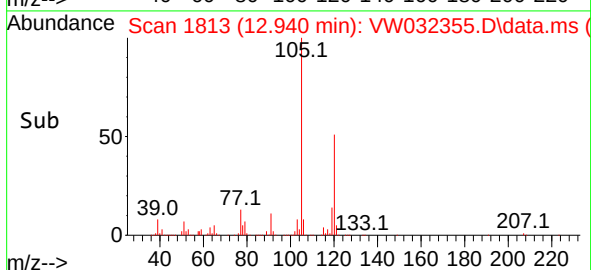
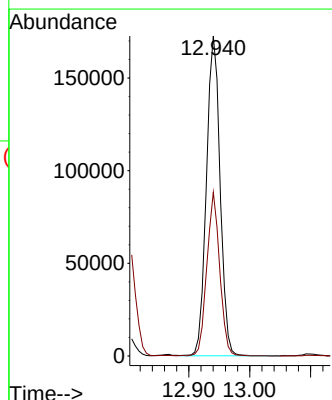
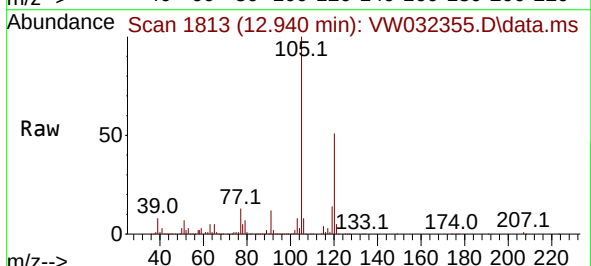
Instrument :
MSVOA_W
ClientSampleId :

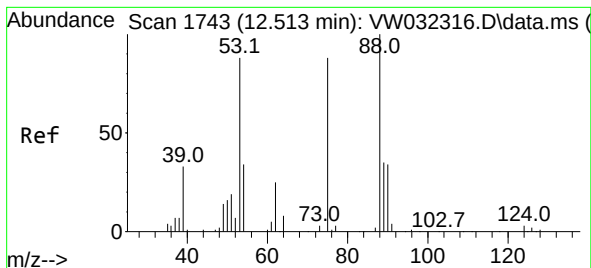
Tgt Ion: 91 Resp: 240794
Ion Ratio Lower Upper
91 100
126 31.4 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 19.802 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:105 Resp: 269559
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.4

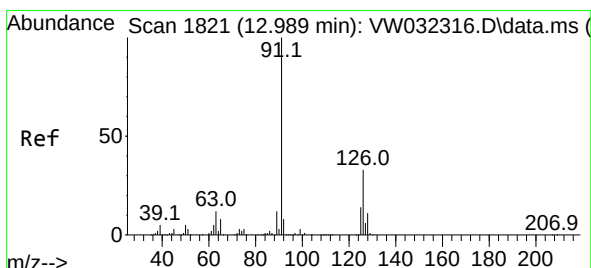
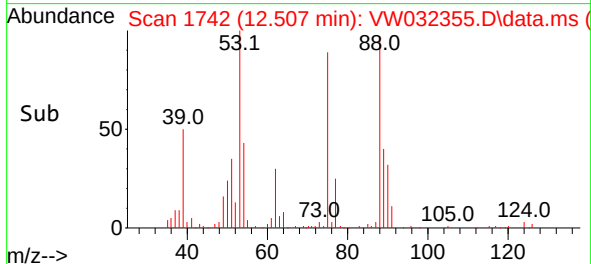
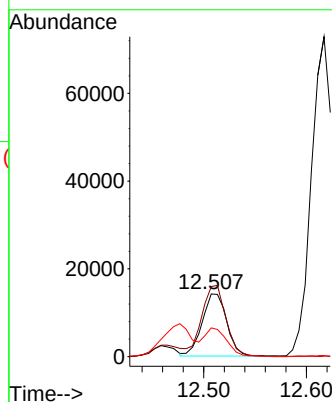
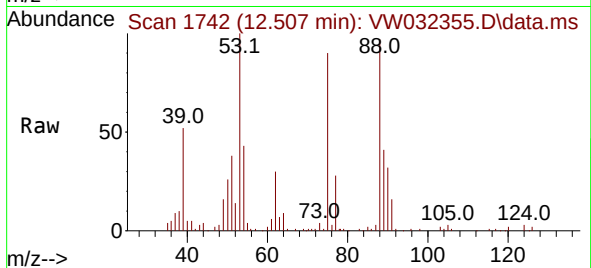




#81
trans-1,4-Dichloro-2-butene
Concen: 19.696 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

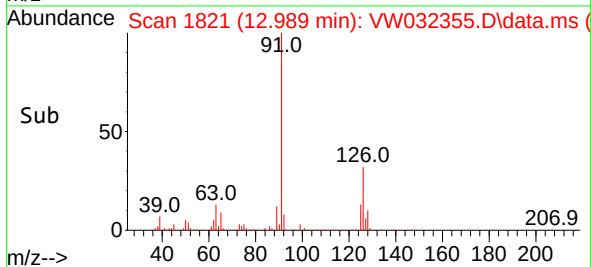
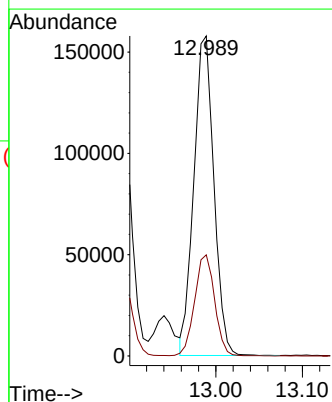
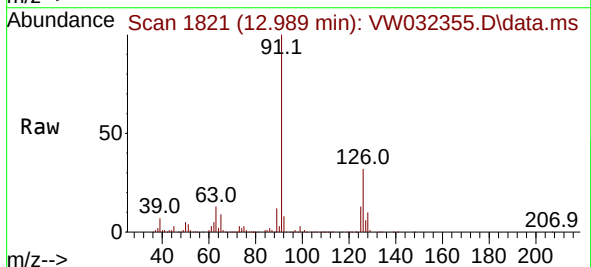
Instrument :
MSVOA_W
ClientSampleId :

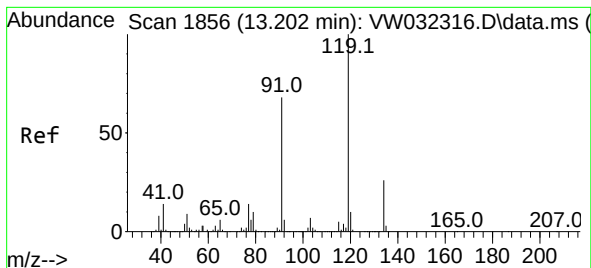
Tgt Ion: 75 Resp: 23543
Ion Ratio Lower Upper
75 100
53 112.8 91.0 136.6
89 41.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 19.829 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

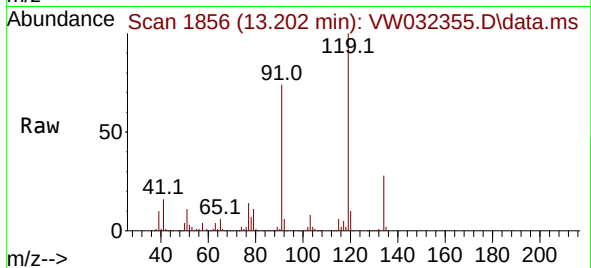
Tgt Ion: 91 Resp: 253483
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2



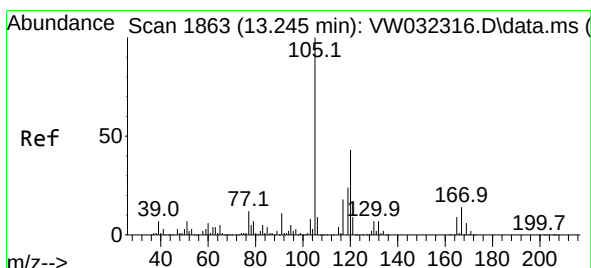
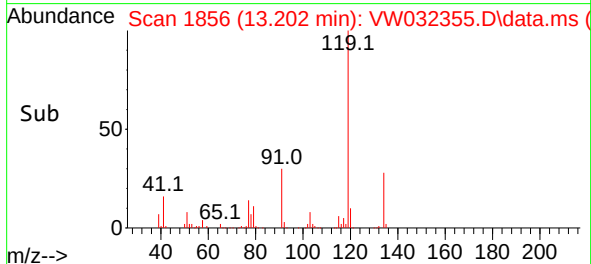
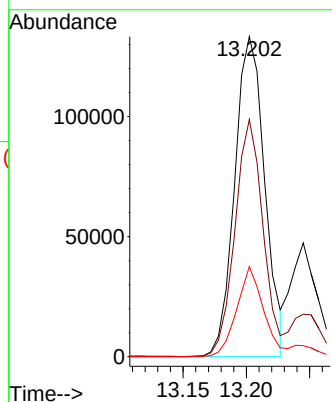


#83
tert-Butylbenzene
Concen: 19.728 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Instrument :
MSVOA_W
ClientSampleId :

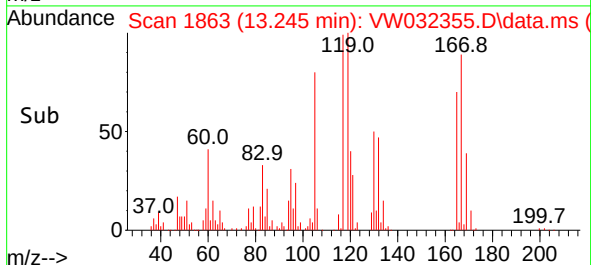
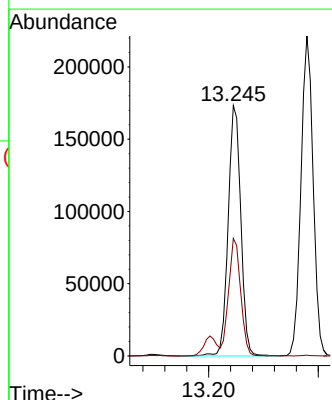
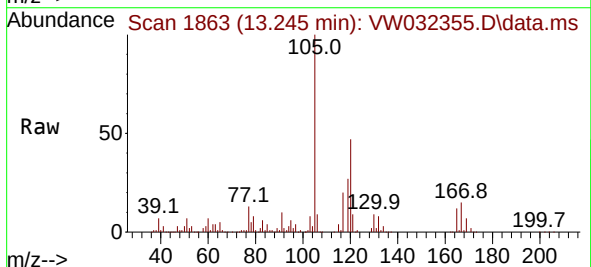


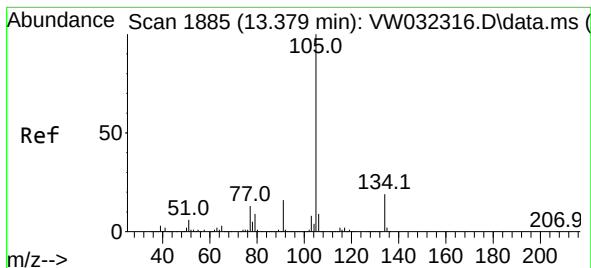
Tgt Ion:119 Resp: 220340
Ion Ratio Lower Upper
119 100
91 69.1 33.8 101.3
134 25.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.110 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032355.D
Acq: 06 Oct 2025 13:26

Tgt Ion:105 Resp: 278348
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.844 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

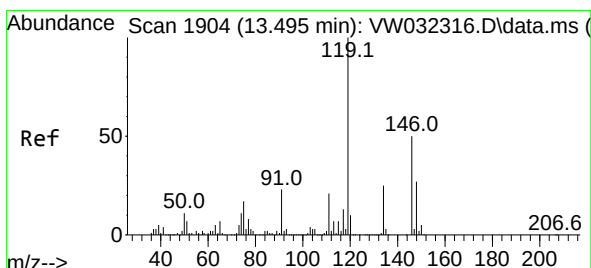
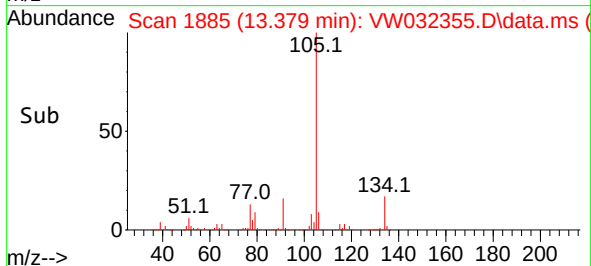
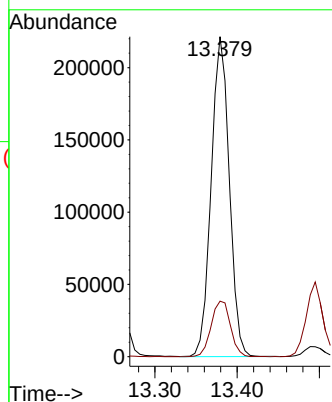
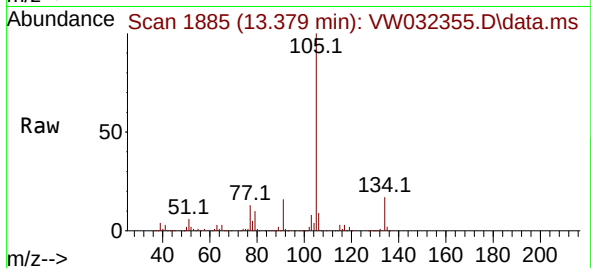
ClientSampleId :

Tgt Ion:105 Resp: 338703

Ion Ratio Lower Upper

105 100

134 18.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.801 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

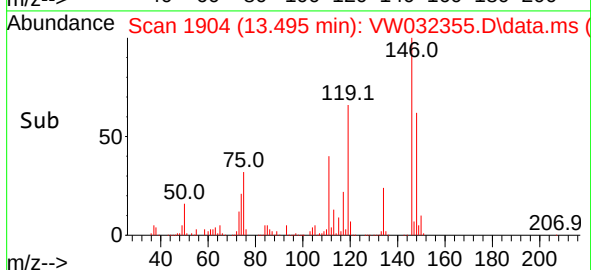
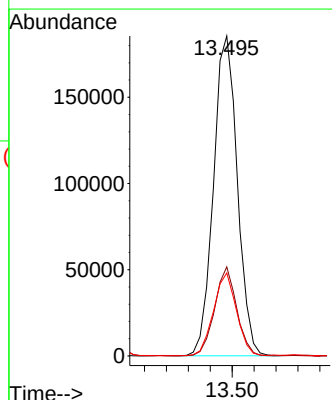
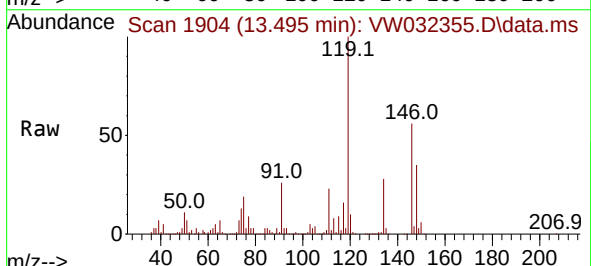
Tgt Ion:119 Resp: 280431

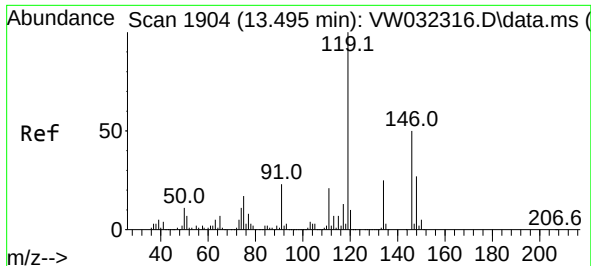
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.6

91 24.8 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.861 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

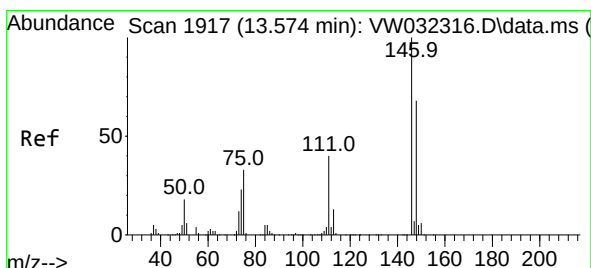
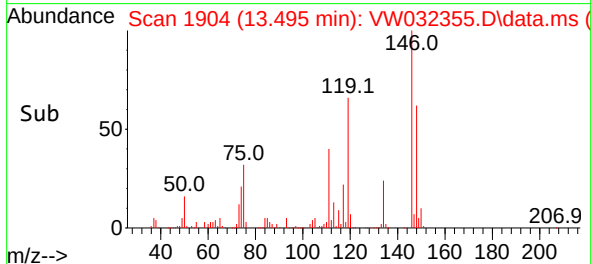
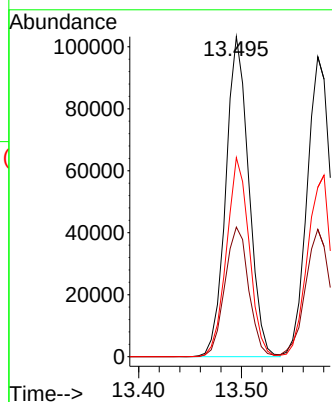
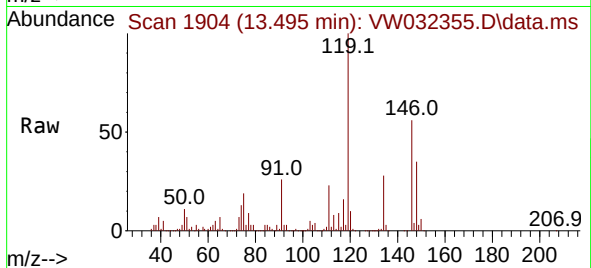
Tgt Ion:146 Resp: 160300

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

148 61.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.374 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

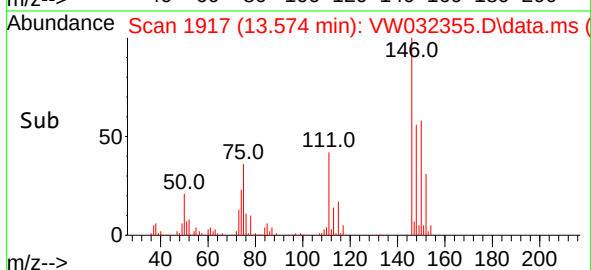
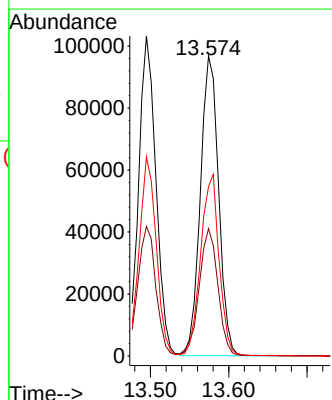
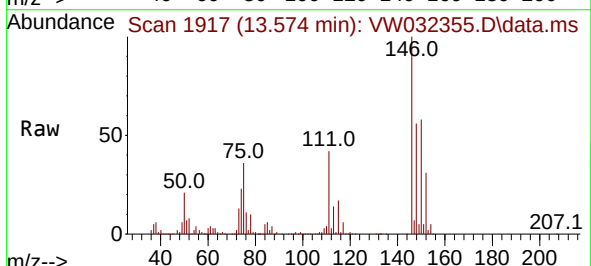
Tgt Ion:146 Resp: 156540

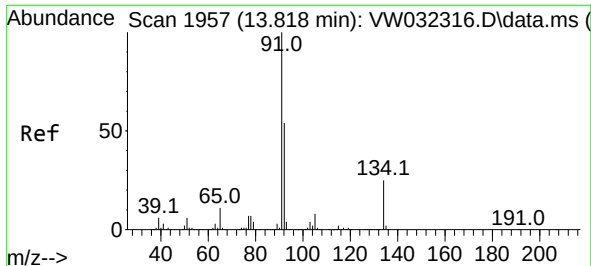
Ion Ratio Lower Upper

146 100

111 44.0 21.3 63.7

148 61.3 33.4 100.1





#89

n-Butylbenzene

Concen: 19.679 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

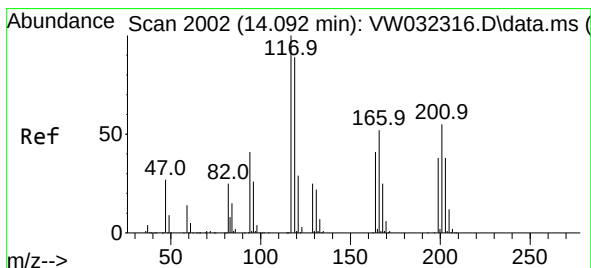
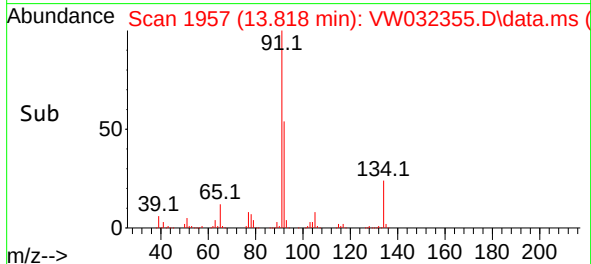
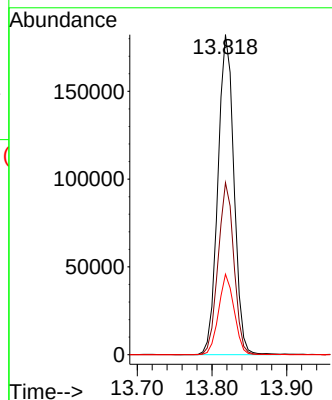
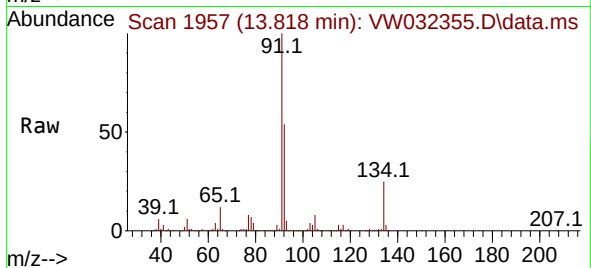
Tgt Ion: 91 Resp: 272109

Ion Ratio Lower Upper

91 100

92 52.9 27.0 81.0

134 24.4 13.1 39.3



#90

Hexachloroethane

Concen: 20.031 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032355.D

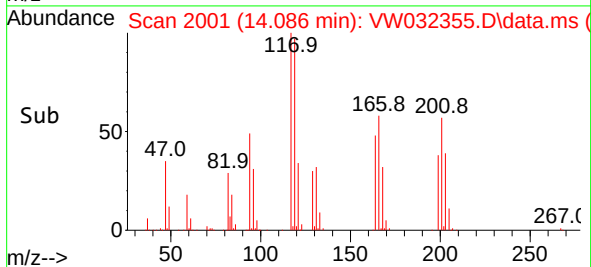
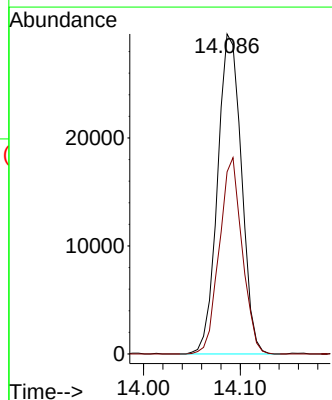
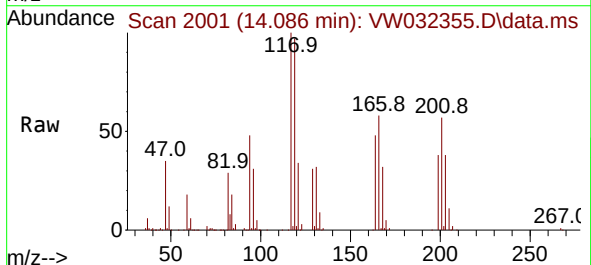
Acq: 06 Oct 2025 13:26

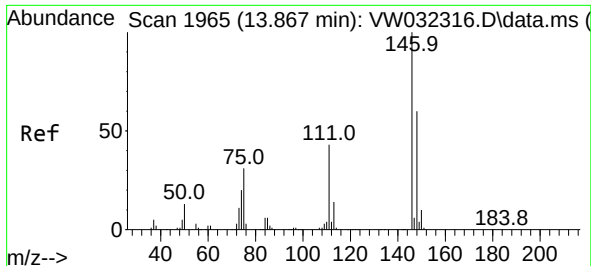
Tgt Ion: 117 Resp: 50848

Ion Ratio Lower Upper

117 100

201 58.6 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 20.654 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

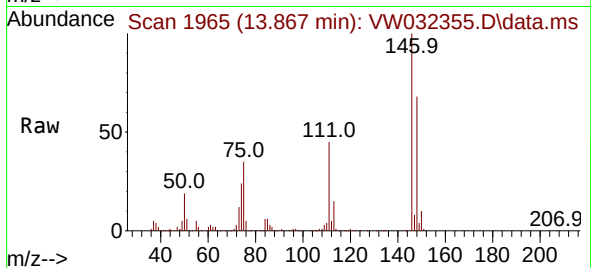
Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :



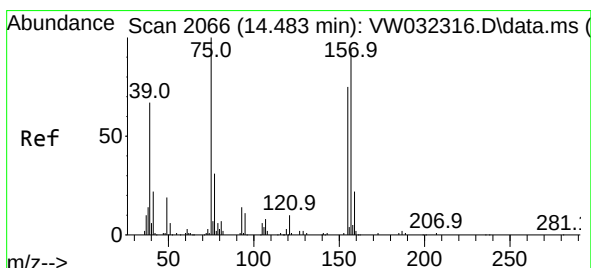
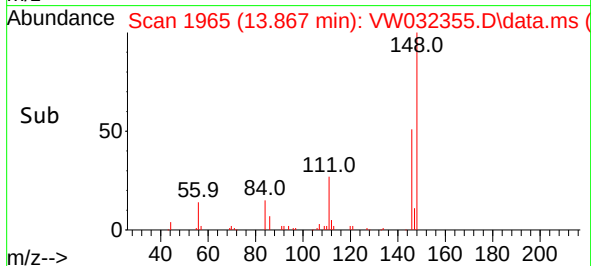
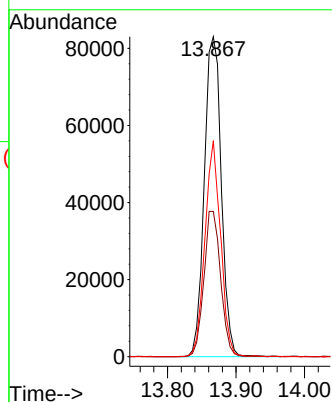
Tgt Ion:146 Resp: 143470

Ion Ratio Lower Upper

146 100

111 44.7 23.4 70.0

148 62.1 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.416 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

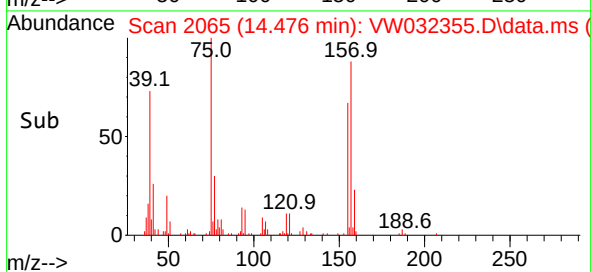
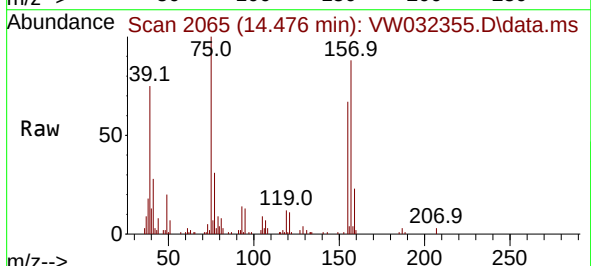
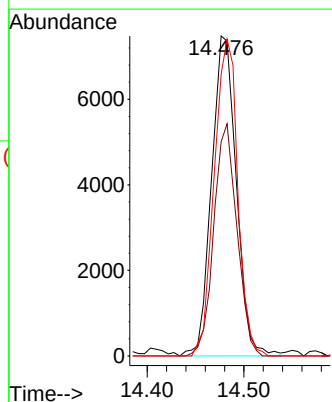
Tgt Ion: 75 Resp: 13288

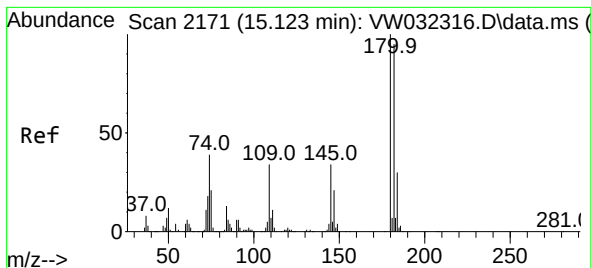
Ion Ratio Lower Upper

75 100

155 67.9 40.8 122.5

157 94.2 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.161 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

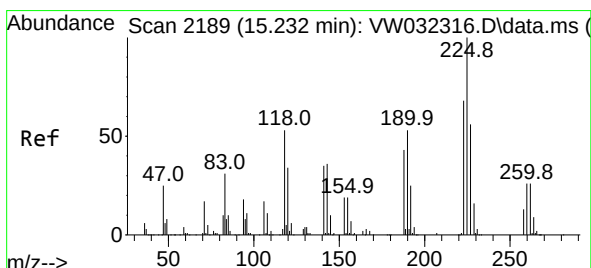
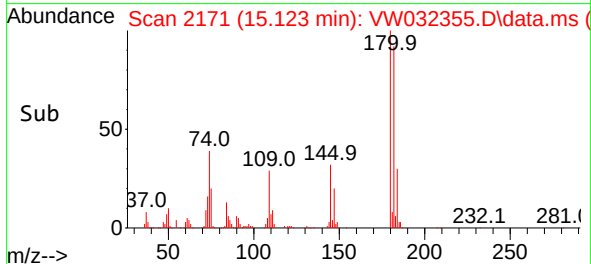
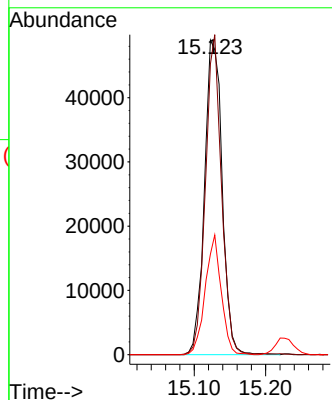
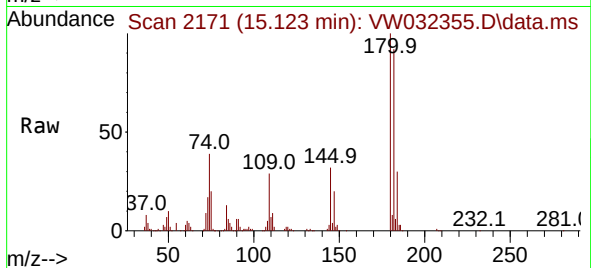
Tgt Ion:180 Resp: 83977

Ion Ratio Lower Upper

180 100

182 92.1 47.4 142.2

145 34.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.909 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

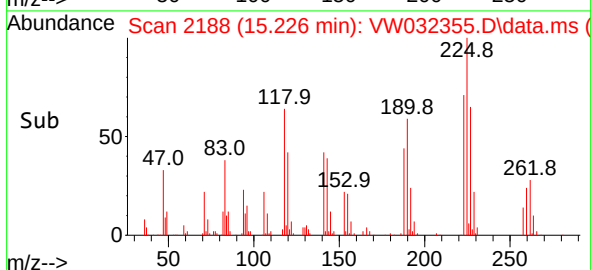
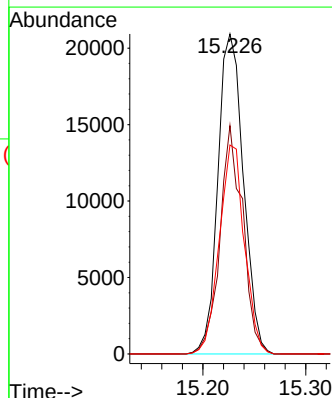
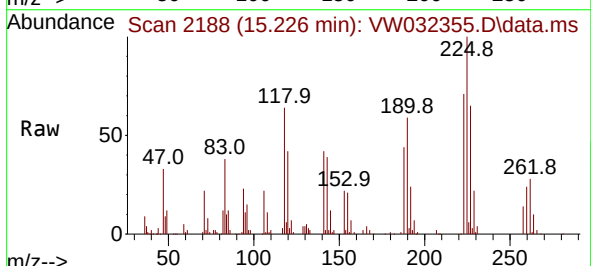
Tgt Ion:225 Resp: 36009

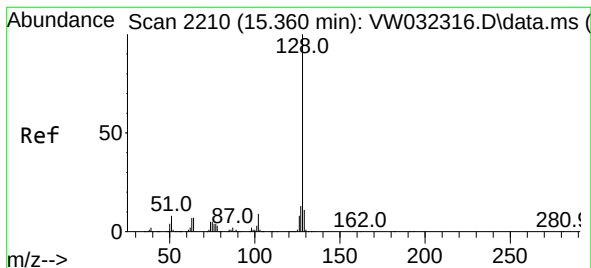
Ion Ratio Lower Upper

225 100

223 63.8 29.8 89.3

227 64.4 30.5 91.5





#95

Naphthalene

Concen: 18.801 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Instrument :

MSVOA_W

ClientSampleId :

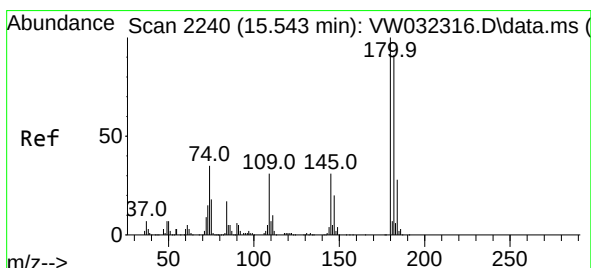
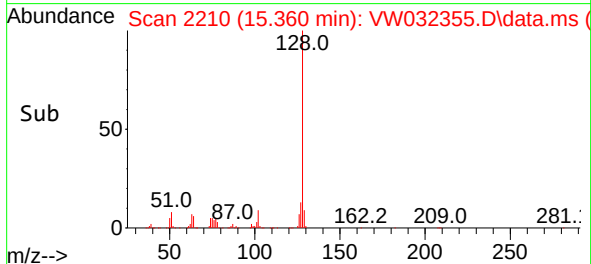
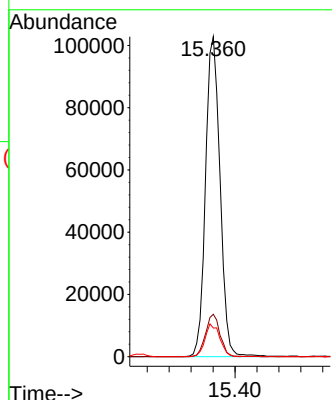
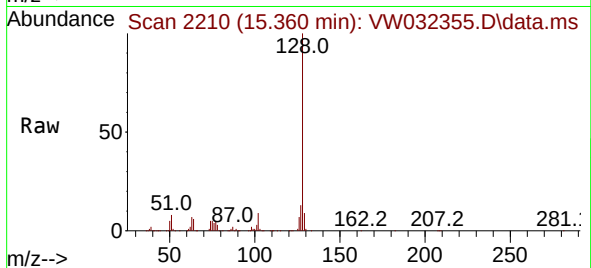
Tgt Ion:128 Resp: 188065

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.979 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032355.D

Acq: 06 Oct 2025 13:26

Tgt Ion:180 Resp: 74511

Ion Ratio Lower Upper

180 100

182 98.3 47.7 143.1

145 36.6 17.2 51.6

