

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032401.D
 Acq On : 20 Oct 2025 19:42
 Operator : SY/MD
 Sample : Q3395-04MSD
 Misc : 5.26g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MSD

Quant Time: Oct 21 01:35:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	130782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	279199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	138787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	56507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	136748	71.688	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 143.380%	
35) Dibromofluoromethane	7.898	113	100041	55.329	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 110.660%	
50) Toluene-d8	10.325	98	253753	38.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 76.040%	
62) 4-Bromofluorobenzene	12.617	95	157361	62.387	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 124.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	52822	64.364	ug/l	99
3) Chloromethane	2.253	50	75282	59.450	ug/l	100
4) Vinyl Chloride	2.405	62	102567	67.844	ug/l	99
5) Bromomethane	2.826	94	44187	39.773	ug/l	96
6) Chloroethane	2.972	64	68961	69.091	ug/l	99
7) Trichlorofluoromethane	3.308	101	66087	58.384	ug/l	95
8) Diethyl Ether	3.722	74	73907	75.349	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.100	101	44036	32.435	ug/l	93
10) Methyl Iodide	4.320	142	50850	26.250	ug/l	97
11) Tert butyl alcohol	5.222	59	75049	519.775	ug/l	97
12) 1,1-Dichloroethene	4.082	96	94160	63.883	ug/l	94
13) Acrolein	3.930	56	2999	12.798	ug/l #	19
14) Allyl chloride	4.704	41	135448	54.407	ug/l #	84
15) Acrylonitrile	5.405	53	240618	471.545	ug/l	99
16) Acetone	4.161	43	580324	1098.716	ug/l	98
17) Carbon Disulfide	4.423	76	221685	55.123	ug/l	97
18) Methyl Acetate	4.710	43	457494	302.369	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	255361	87.963	ug/l	96
20) Methylene Chloride	4.954	84	126451	74.993	ug/l	94
21) trans-1,2-Dichloroethene	5.466	96	94598	57.969	ug/l	88
22) Diisopropyl ether	6.344	45	349916	67.584	ug/l #	86
23) Vinyl Acetate	6.338	43	256337	74.124	ug/l #	73
24) 1,1-Dichloroethane	6.246	63	210102	66.794	ug/l	99
25) 2-Butanone	7.191	43	513309	713.565	ug/l	99
26) 2,2-Dichloropropane	7.185	77	93628	58.190	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	125024	63.774	ug/l	95
28) Bromochloromethane	7.533	49	96675	65.324	ug/l	91
29) Tetrahydrofuran	7.551	42	237996	526.094	ug/l	97
30) Chloroform	7.691	83	210422	65.961	ug/l	99
31) Cyclohexane	7.971	56	57852	21.543	ug/l	90
32) 1,1,1-Trichloroethane	7.892	97	121484	53.740	ug/l	98
36) 1,1-Dichloropropene	8.093	75	95367	37.373	ug/l	98
37) Ethyl Acetate	7.270	43	78517	46.227	ug/l	99
38) Carbon Tetrachloride	8.081	117	53145	22.132	ug/l	94
39) Methylcyclohexane	9.343	83	162622	52.833	ug/l	90
40) Benzene	8.337	78	431403	53.936	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	79555	86.912	ug/l	93
42) 1,2-Dichloroethane	8.417	62	162425	62.062	ug/l	96
43) Isopropyl Acetate	8.435	43	200980	66.702	ug/l	95
44) Trichloroethene	9.099	130	80877	43.184	ug/l	85
45) 1,2-Dichloropropane	9.374	63	103840	52.012	ug/l	98
46) Dibromomethane	9.465	93	73347	59.746	ug/l	94
47) Bromodichloromethane	9.648	83	149758	53.334	ug/l	98
48) Methyl methacrylate	9.441	41	149868	102.301	ug/l #	85
49) 1,4-Dioxane	9.465	88	32295	1924.641	ug/l	92
51) 4-Methyl-2-Pentanone	10.215	43	750570	430.079	ug/l	99
52) Toluene	10.392	92	174217	34.976	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	81420	29.888	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	75068	23.923	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	177347	108.087	ug/l	90
56) Ethyl methacrylate	10.648	69	190171	82.806	ug/l #	88
57) 1,3-Dichloropropane	10.934	76	166043	57.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	451813	369.660	ug/l	98
59) 2-Hexanone	10.971	43	508947	413.489	ug/l	96
60) Dibromochloromethane	11.129	129	84725	45.476	ug/l	98
61) 1,2-Dibromoethane	11.239	107	85044	53.156	ug/l	86
64) Tetrachloroethene	10.861	164	33334	40.139	ug/l	89
65) Chlorobenzene	11.654	112	146469	47.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	49817	52.378	ug/l	93
67) Ethyl Benzene	11.733	91	187188	36.775	ug/l	97
68) m/p-Xylenes	11.837	106	142028	72.361	ug/l	97
69) o-Xylene	12.160	106	90497	49.303	ug/l	85
70) Styrene	12.178	104	117611	36.699	ug/l	98
71) Bromoform	12.349	173	41979	77.002	ug/l #	97
73) Isopropylbenzene	12.458	105	108042	27.947	ug/l	97
74) N-amyl acetate	12.251	43	403370	327.067	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.708	83	93525	97.431	ug/l #	19
76) 1,2,3-Trichloropropane	12.763	75	107264	144.249	ug/l #	7
77) Bromobenzene	12.745	156	45993	49.353	ug/l	73
78) n-propylbenzene	12.800	91	103177	21.366	ug/l	88
79) 2-Chlorotoluene	12.891	91	91803	31.091	ug/l	87
80) 1,3,5-Trimethylbenzene	12.940	105	135924	40.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	5452	18.574	ug/l #	1
82) 4-Chlorotoluene	12.989	91	81339	25.910	ug/l	92
83) tert-Butylbenzene	13.440	119	37144	13.542	ug/l	68
84) 1,2,4-Trimethylbenzene	13.245	105	154424	45.430	ug/l	98
85) sec-Butylbenzene	13.379	105	110678	26.405	ug/l	84
86) p-Isopropyltoluene	13.495	119	76135	21.891	ug/l	94
87) 1,3-Dichlorobenzene	13.495	146	40247	21.328	ug/l #	9
88) 1,4-Dichlorobenzene	13.574	146	43876	23.253	ug/l #	1
89) n-Butylbenzene	13.818	91	41218	12.138	ug/l #	73
90) Hexachloroethane	14.086	117	16448	26.385	ug/l #	35
91) 1,2-Dichlorobenzene	13.867	146	42271	24.780	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.483	75	15424	91.774	ug/l	72
93) 1,2,4-Trichlorobenzene	15.123	180	17111	16.728	ug/l #	1
94) Hexachlorobutadiene	15.220	225	2717	5.810	ug/l	96
95) Naphthalene	15.360	128	204142	83.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.562	180	12612	13.081	ug/l #	1

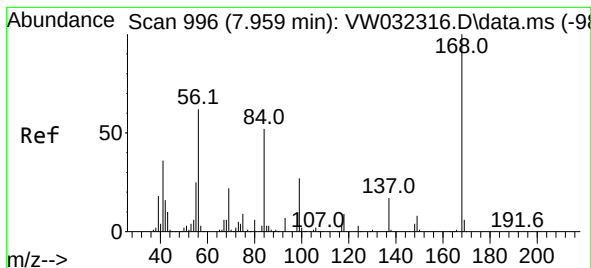
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032401.D

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Instrument :

MSVOA_W

ClientSampleId :

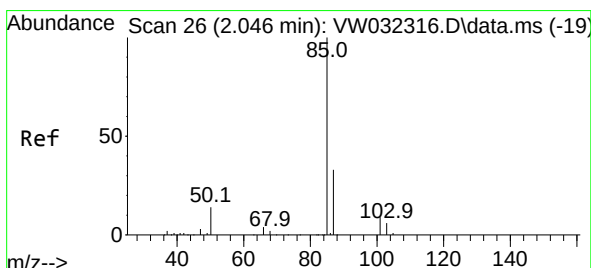
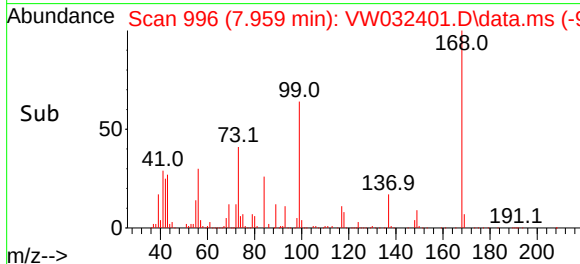
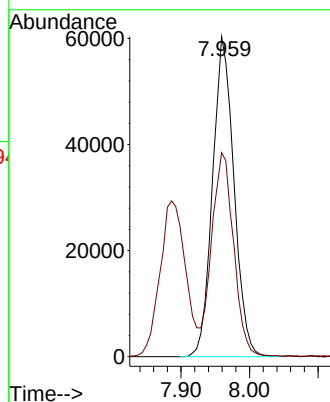
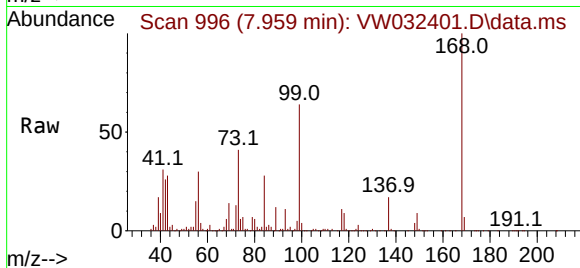
PR132-S07-000102-20251017MSD

Tgt Ion:168 Resp: 130782

Ion Ratio Lower Upper

168 100

99 63.5 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 64.364 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032401.D

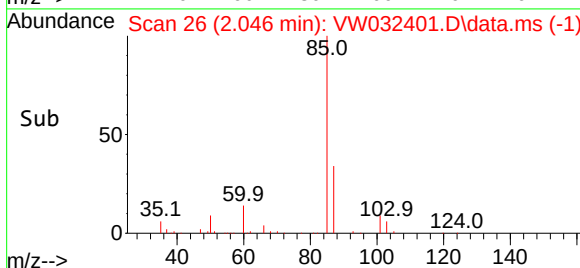
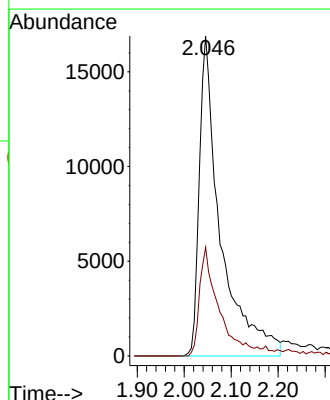
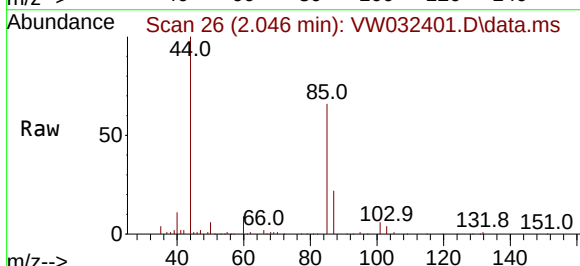
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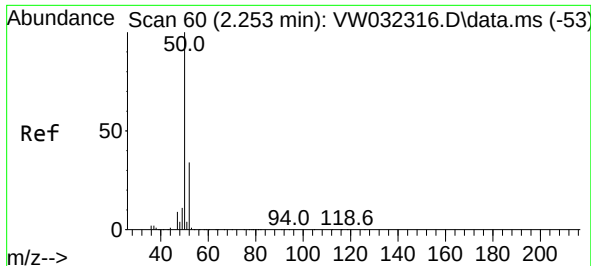
Tgt Ion: 85 Resp: 52822

Ion Ratio Lower Upper

85 100

87 33.9 17.2 51.6

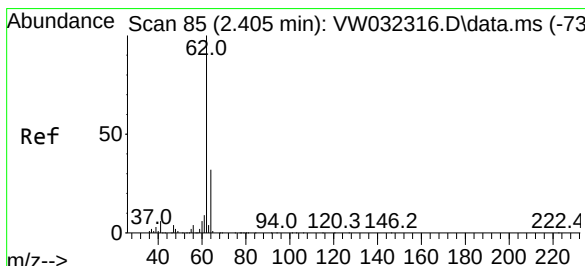
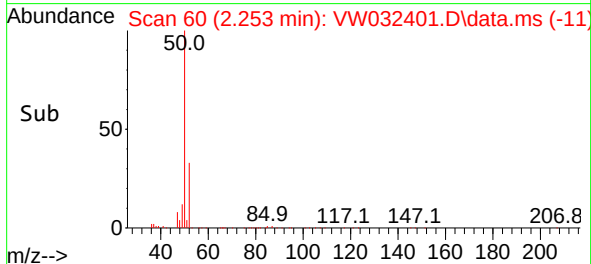
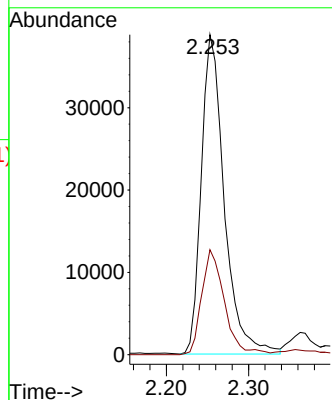
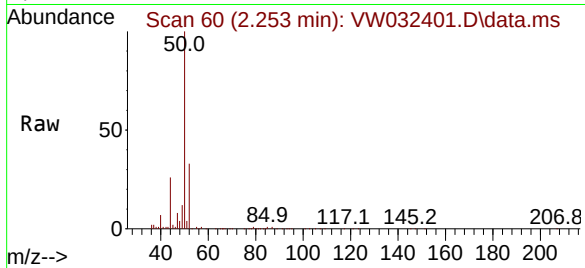




#3
Chloromethane
Concen: 59.450 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

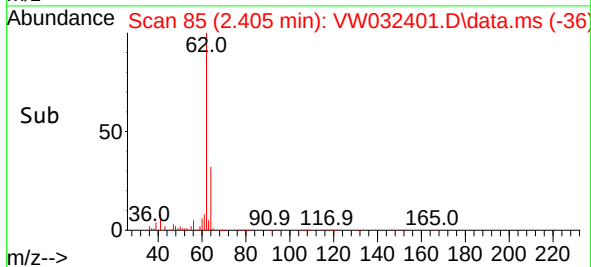
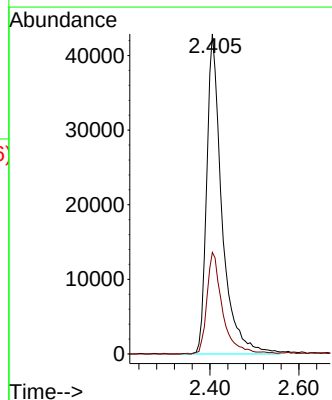
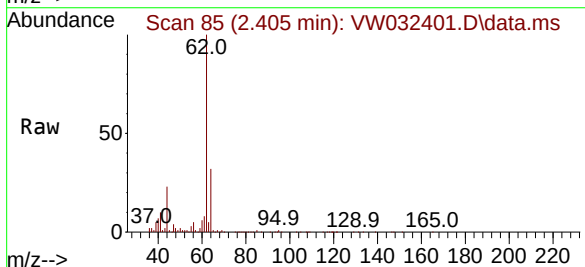
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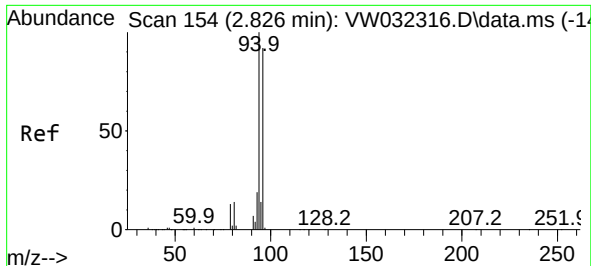
Tgt Ion: 50 Resp: 75282
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 67.844 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 62 Resp: 102567
Ion Ratio Lower Upper
62 100
64 31.8 24.8 37.2

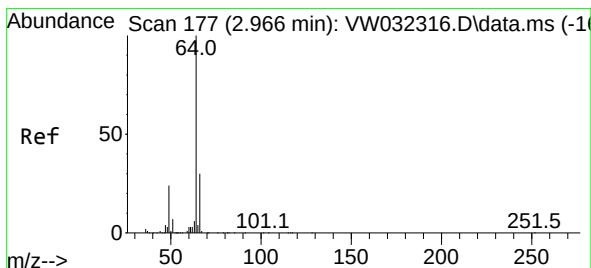
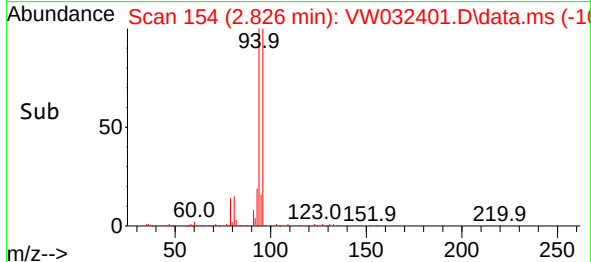
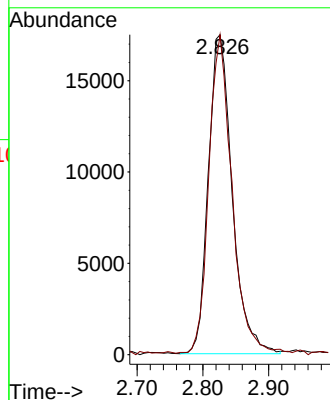
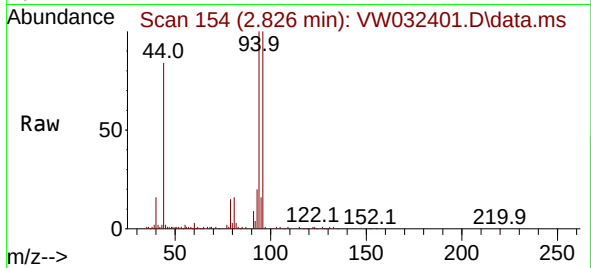




#5
Bromomethane
Concen: 39.773 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

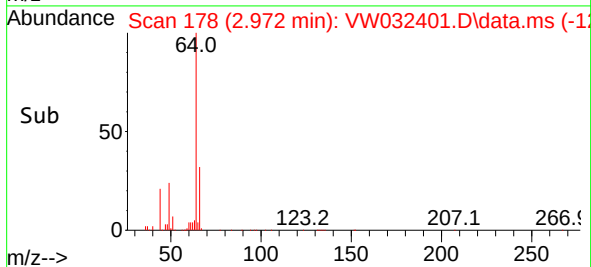
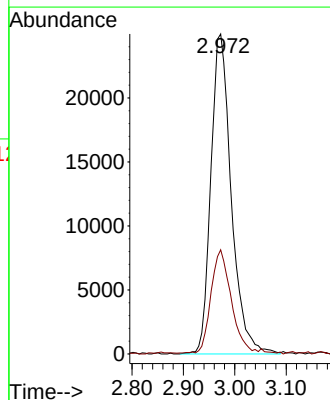
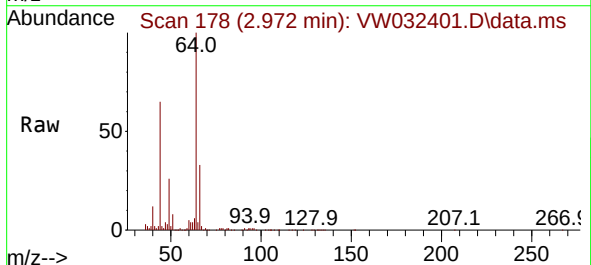
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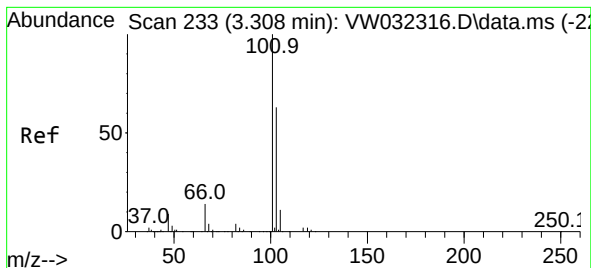
Tgt Ion: 94 Resp: 44187
Ion Ratio Lower Upper
94 100
96 99.5 76.6 115.0



#6
Chloroethane
Concen: 69.091 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 64 Resp: 68961
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

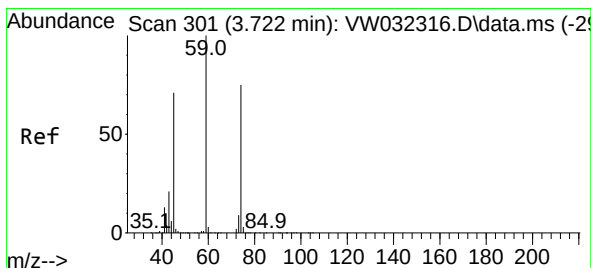
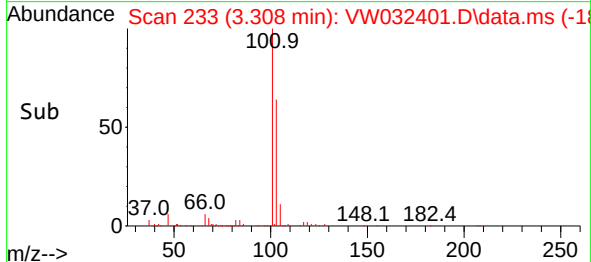
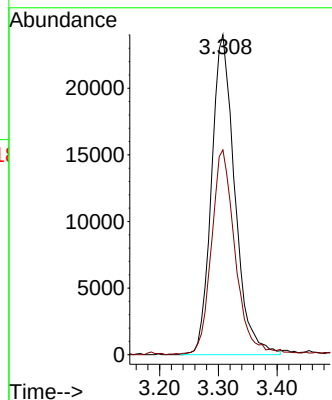
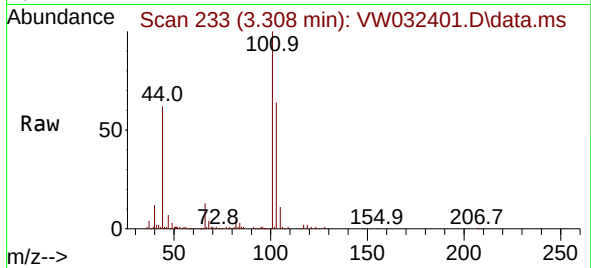




#7
 Trichlorofluoromethane
 Concen: 58.384 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

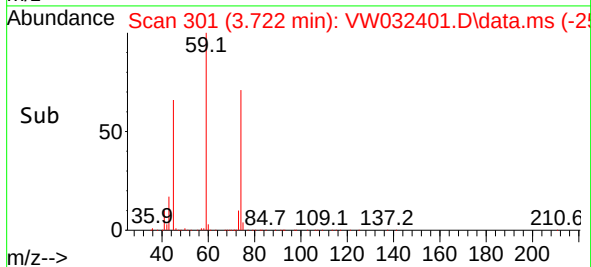
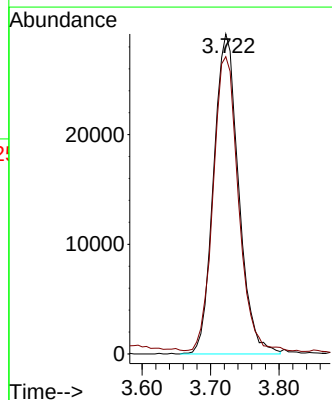
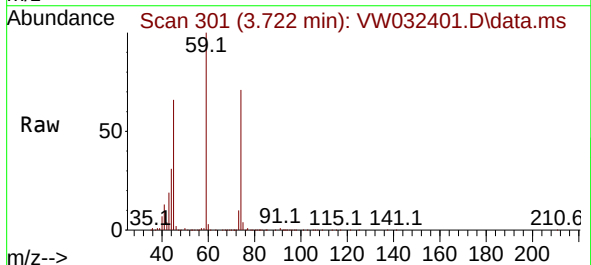
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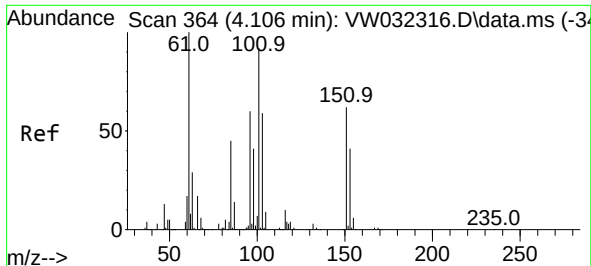
Tgt Ion:101 Resp: 66087
 Ion Ratio Lower Upper
 101 100
 103 63.7 47.8 71.8



#8
 Diethyl Ether
 Concen: 75.349 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion: 74 Resp: 73907
 Ion Ratio Lower Upper
 74 100
 45 93.0 43.1 129.4

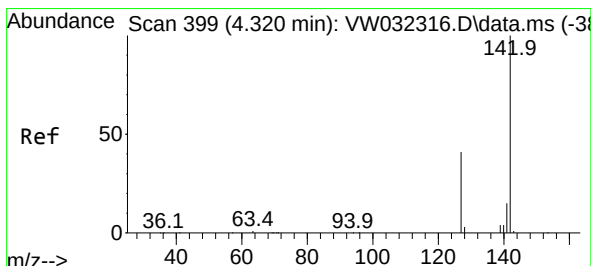
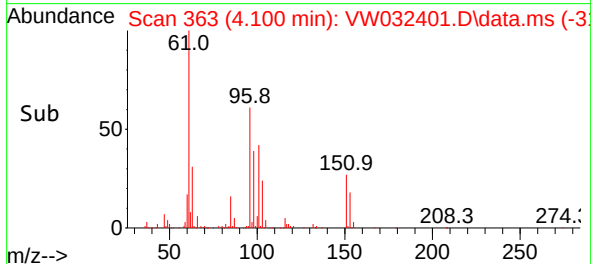
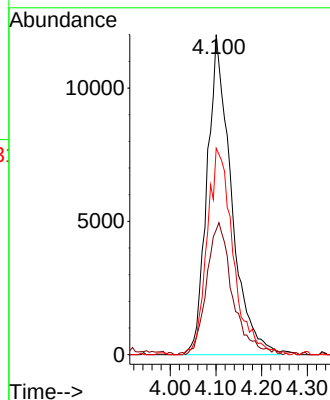
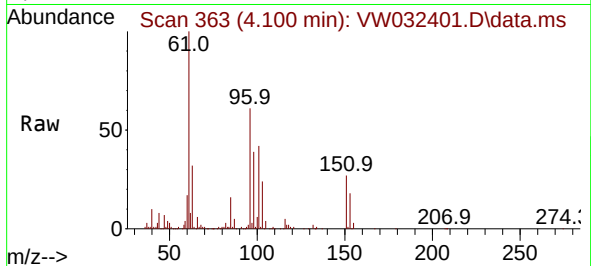




#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.435 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032401.D
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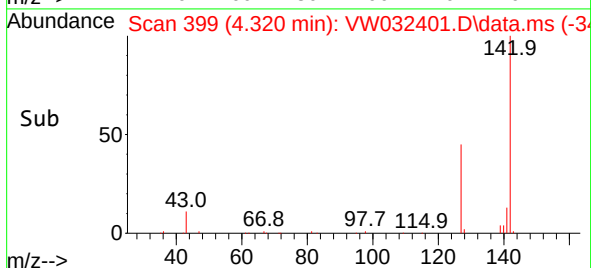
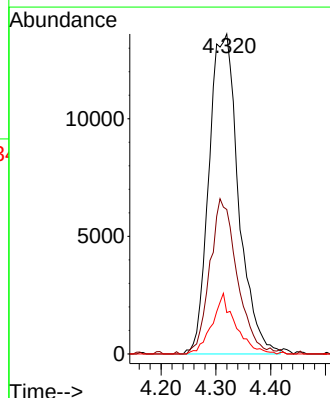
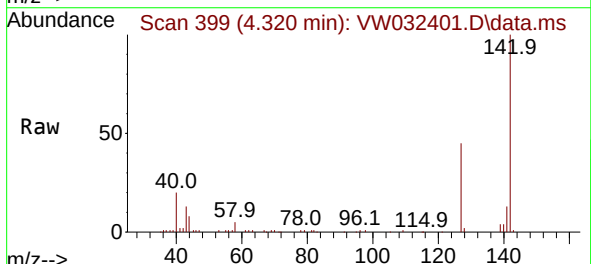
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

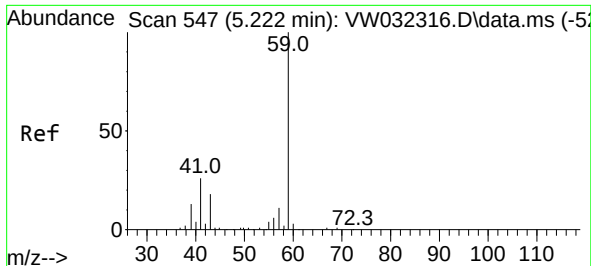
Tgt Ion:101 Resp: 44036
Ion Ratio Lower Upper
101 100
85 44.3 37.1 55.7
151 69.4 61.5 92.3



#10
Methyl Iodide
Concen: 26.250 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:142 Resp: 50850
Ion Ratio Lower Upper
142 100
127 45.2 38.2 57.2
141 15.1 12.2 18.2

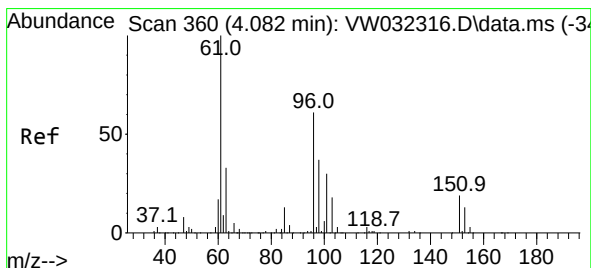
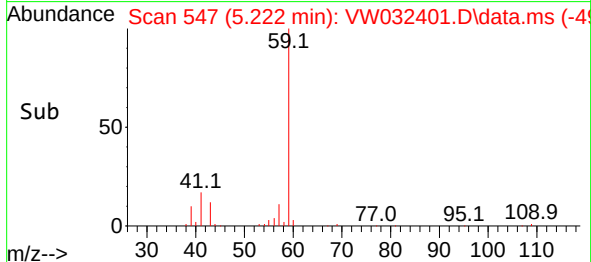
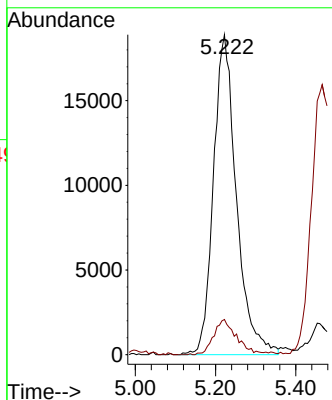
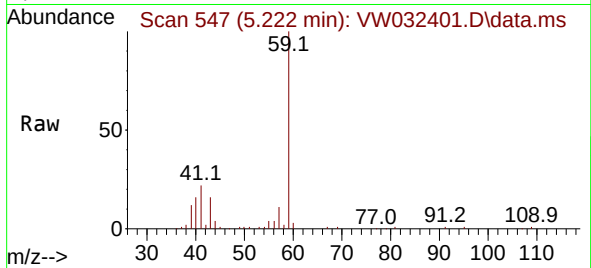




#11
Tert butyl alcohol
Concen: 519.775 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

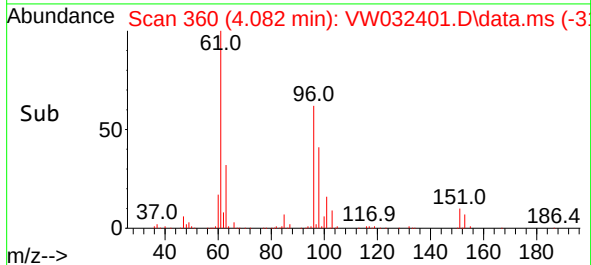
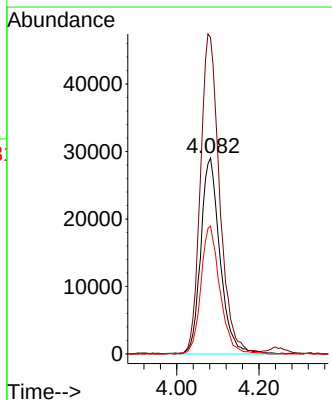
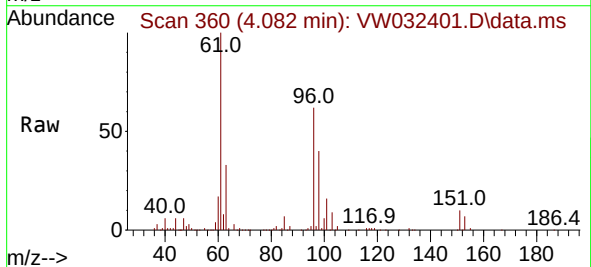
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

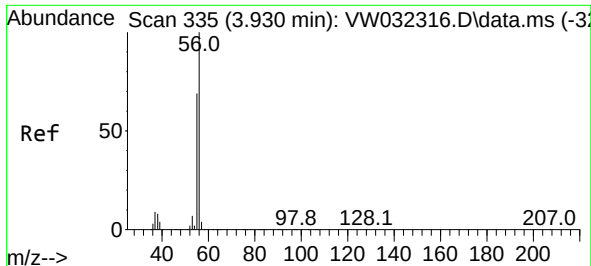
Tgt Ion: 59 Resp: 75049
Ion Ratio Lower Upper
59 100
57 10.9 9.8 14.6



#12
1,1-Dichloroethene
Concen: 63.883 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 96 Resp: 94160
Ion Ratio Lower Upper
96 100
61 161.1 123.0 184.4
98 65.1 48.5 72.7

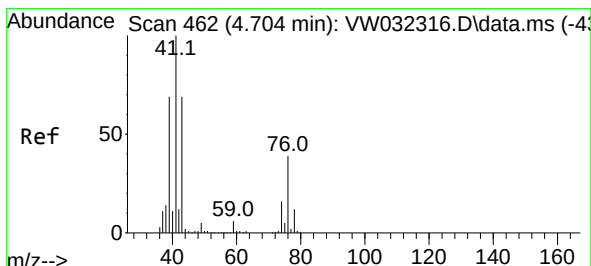
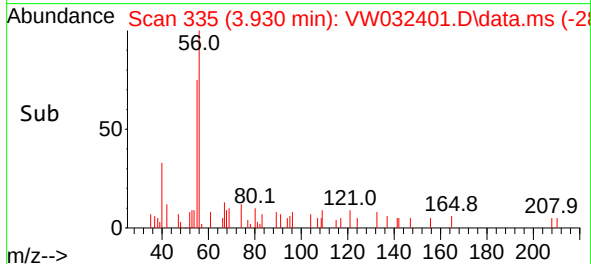
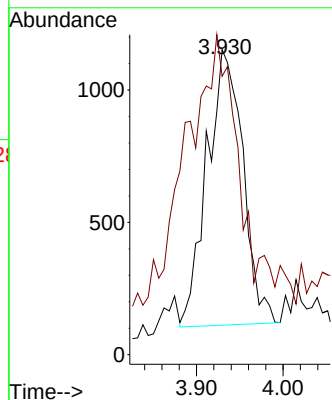
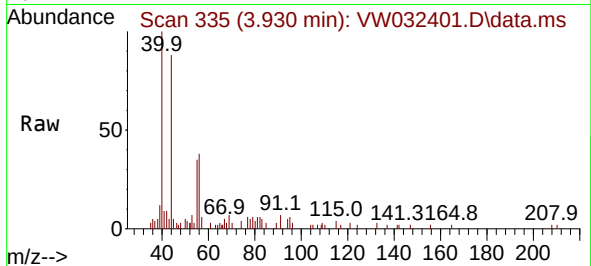




#13
Acrolein
Concen: 12.798 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

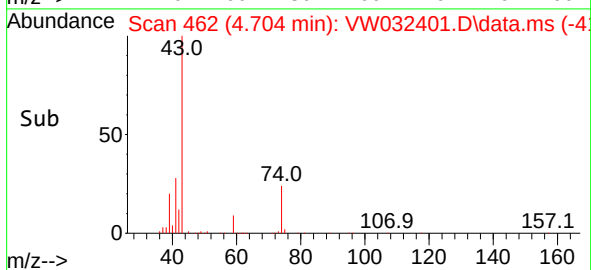
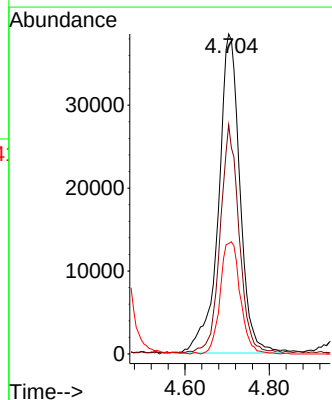
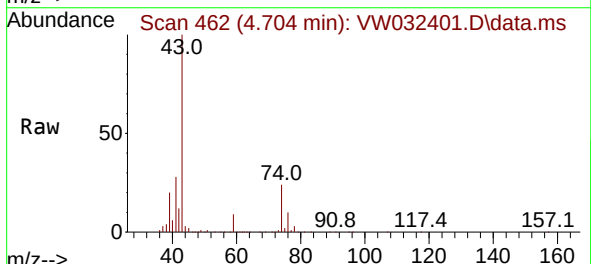
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

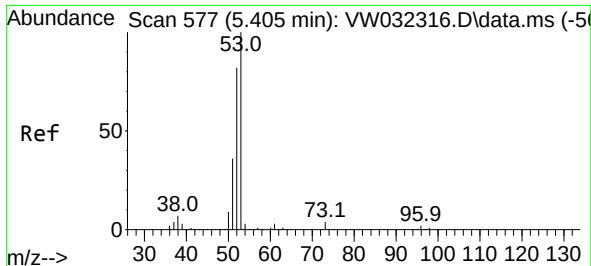
Tgt Ion: 56 Resp: 2999
Ion Ratio Lower Upper
56 100
55 137.3 56.4 84.6#



#14
Allyl chloride
Concen: 54.407 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 41 Resp: 135448
Ion Ratio Lower Upper
41 100
39 63.6 64.1 96.1#
76 33.0 31.4 47.2

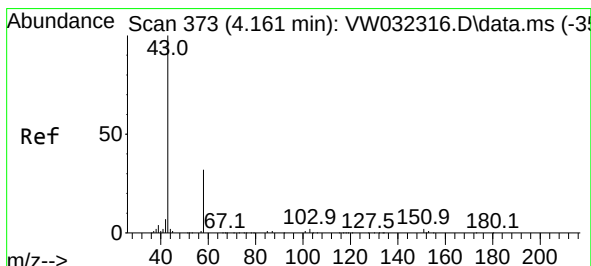
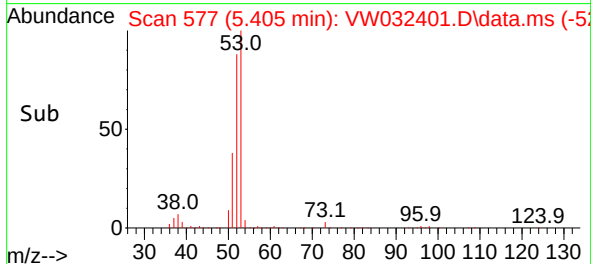
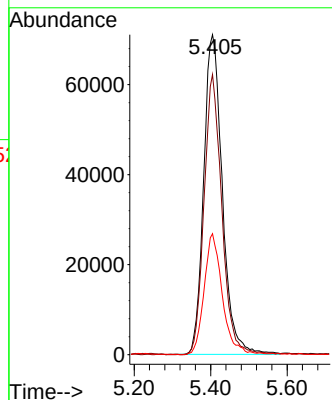
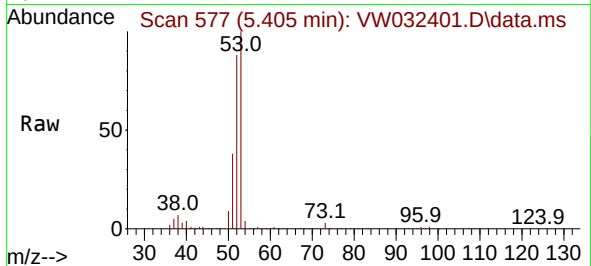




#15
Acrylonitrile
Concen: 471.545 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

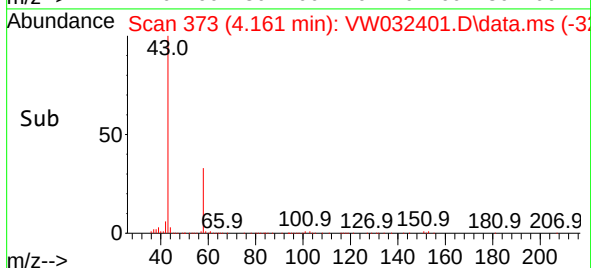
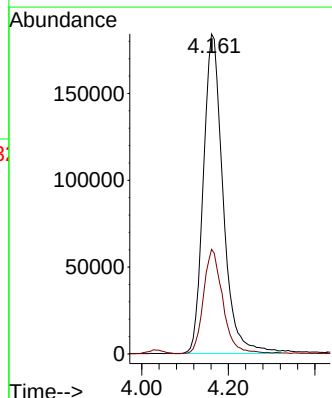
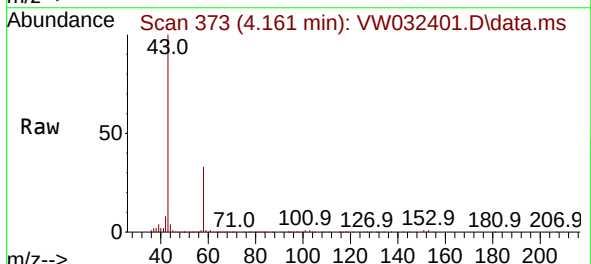
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

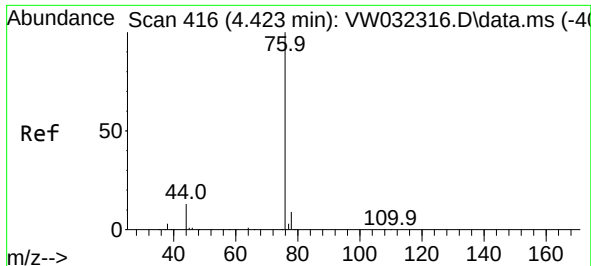
Tgt Ion: 53 Resp: 240618
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.2
51 37.1 30.3 45.5



#16
Acetone
Concen: 1098.716 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 43 Resp: 580324
Ion Ratio Lower Upper
43 100
58 32.7 25.3 37.9

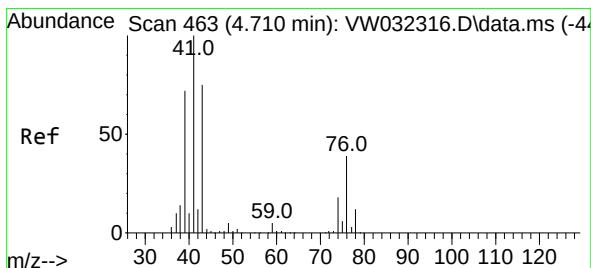
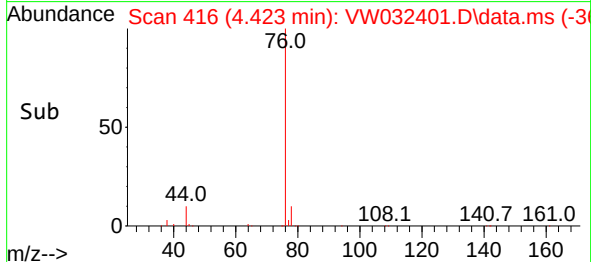
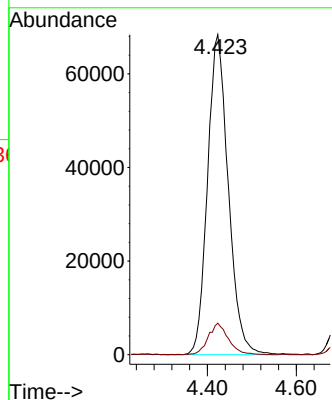
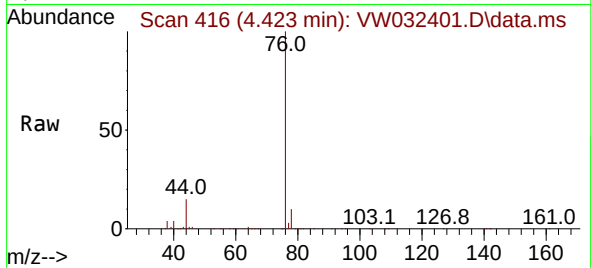




#17
Carbon Disulfide
Concen: 55.123 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

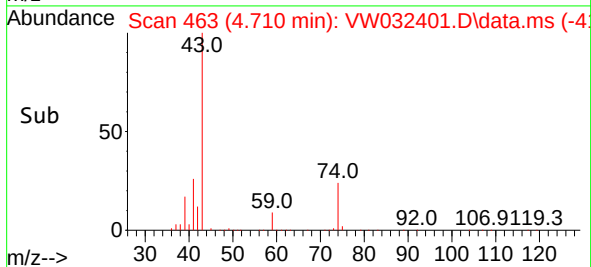
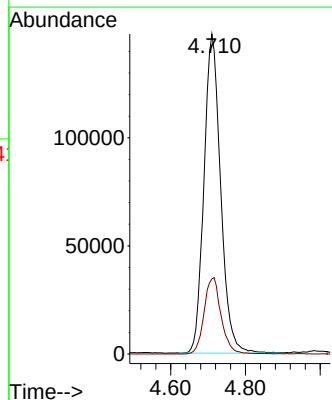
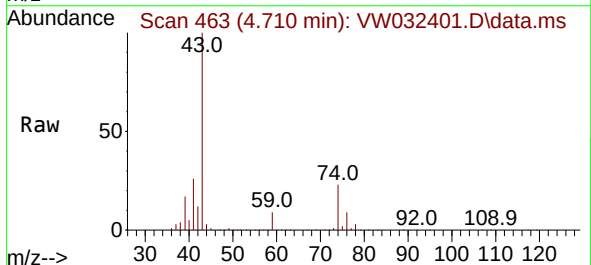
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

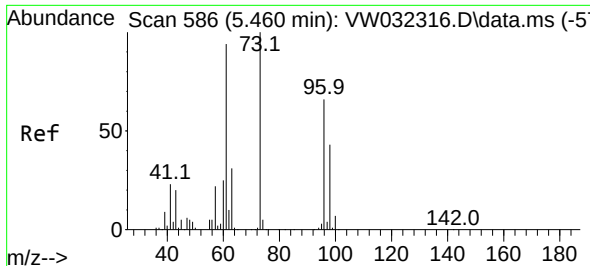
Tgt Ion: 76 Resp: 221685
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 302.369 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 43 Resp: 457494
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.4

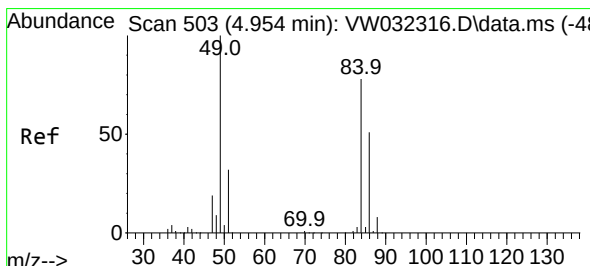
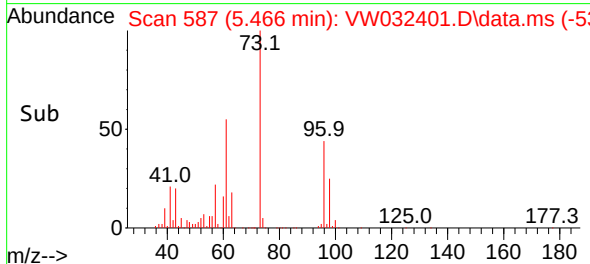
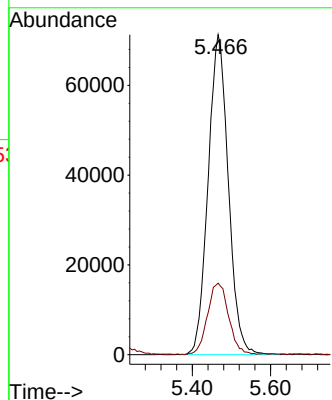
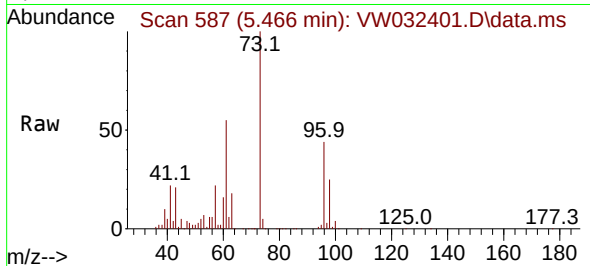




#19
Methyl tert-butyl Ether
Concen: 87.963 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

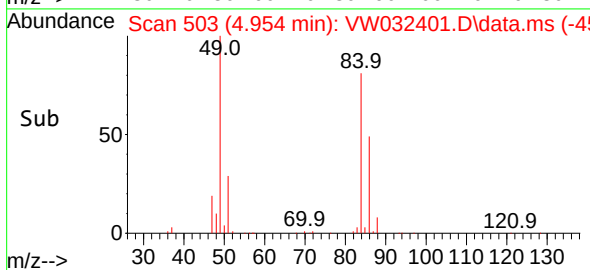
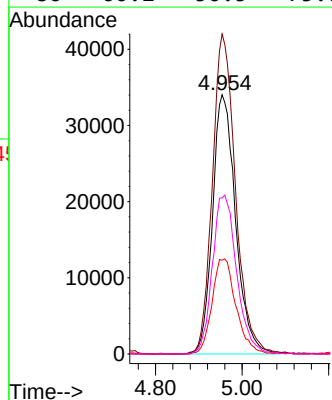
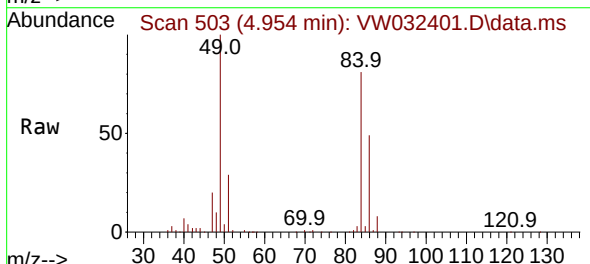
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

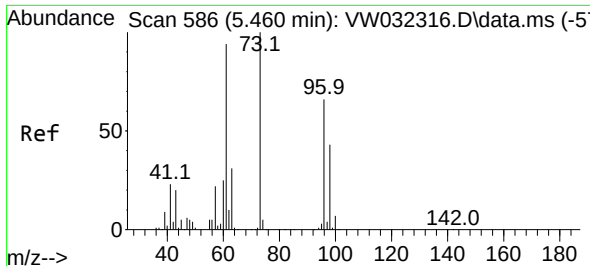
Tgt Ion: 73 Resp: 255361
Ion Ratio Lower Upper
73 100
57 22.3 16.2 24.4



#20
Methylene Chloride
Concen: 74.993 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 84 Resp: 126451
Ion Ratio Lower Upper
84 100
49 123.5 92.2 138.4
51 36.2 31.0 46.6
86 60.2 50.5 75.7

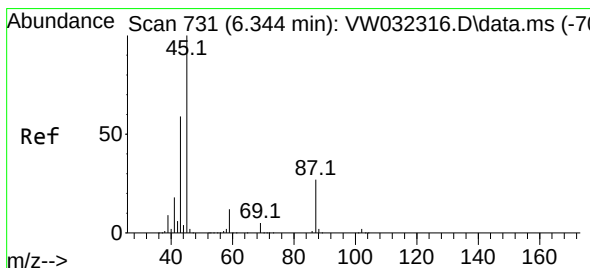
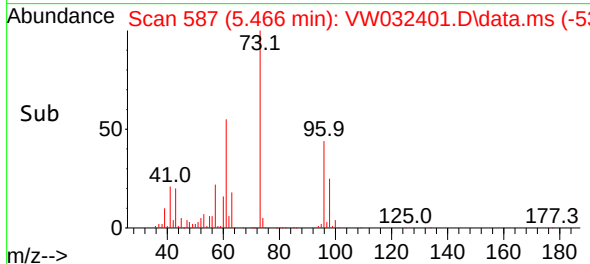
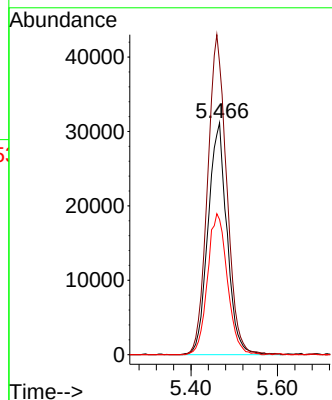
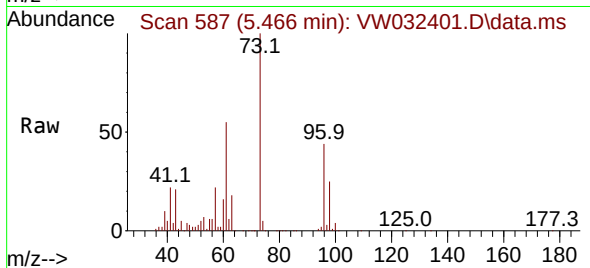




#21
trans-1,2-Dichloroethene
Concen: 57.969 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

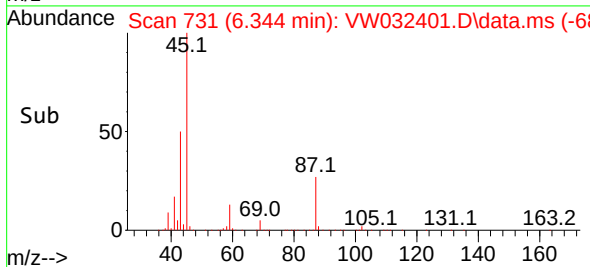
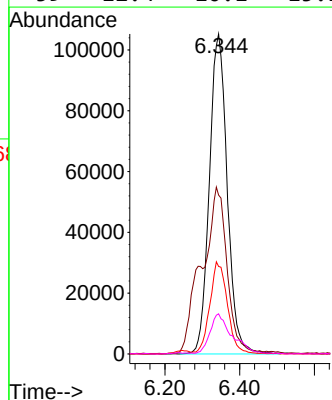
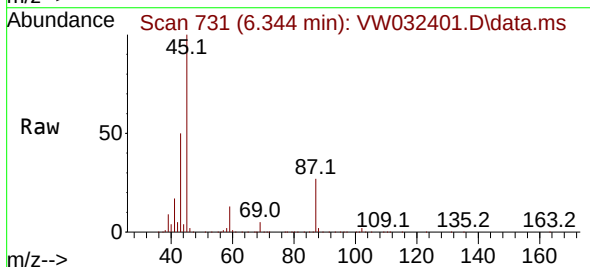
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

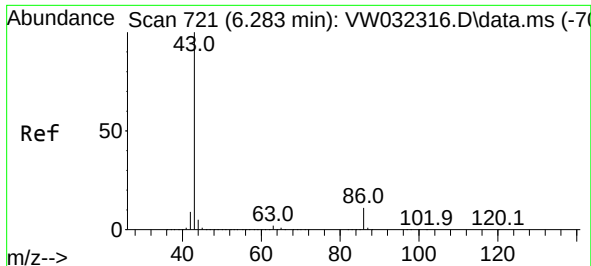
Tgt Ion: 96 Resp: 94598
Ion Ratio Lower Upper
96 100
61 125.7 112.5 168.7
98 58.3 54.2 81.4



#22
Diisopropyl ether
Concen: 67.584 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 45 Resp: 349916
Ion Ratio Lower Upper
45 100
43 49.1 51.4 77.2#
87 27.4 25.9 38.9
59 12.4 10.1 15.1

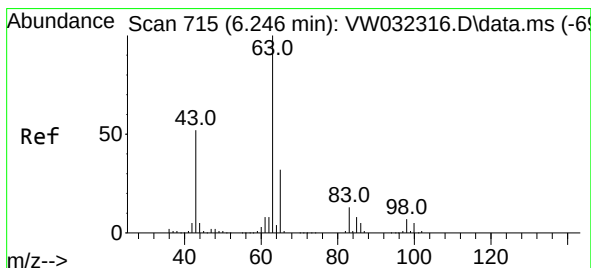
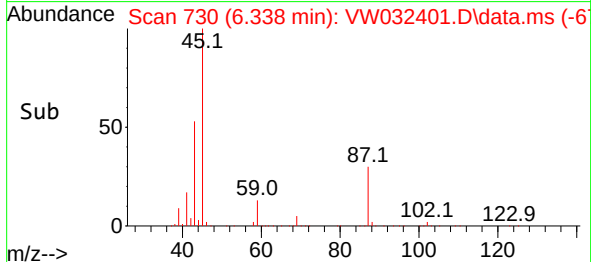
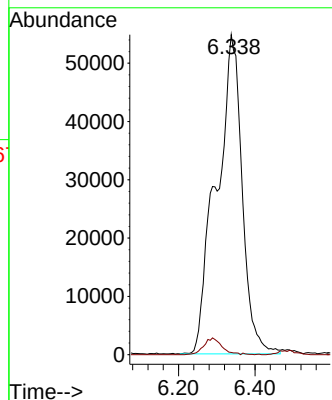
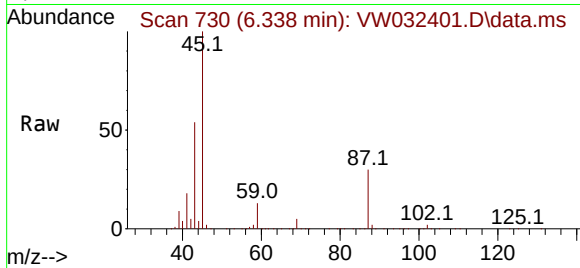




#23
 Vinyl Acetate
 Concen: 74.124 ug/l
 RT: 6.338 min Scan# 715
 Delta R.T. 0.055 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

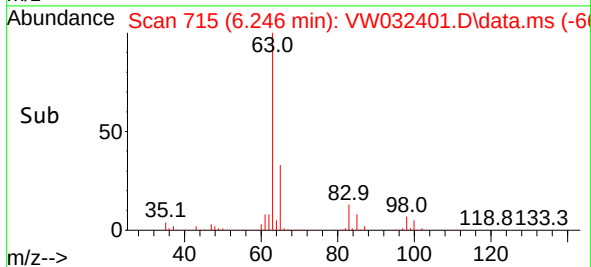
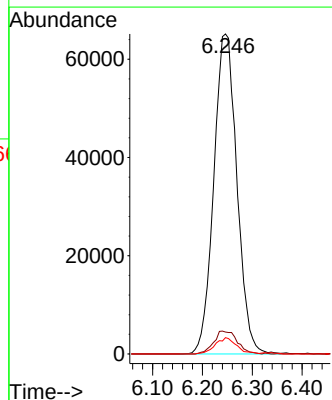
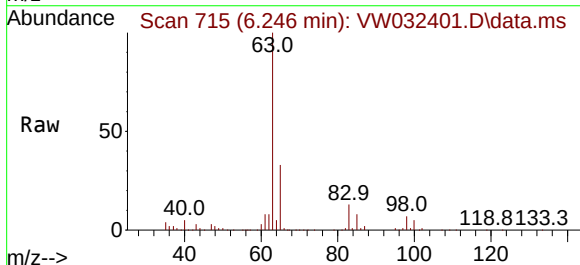
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MSD

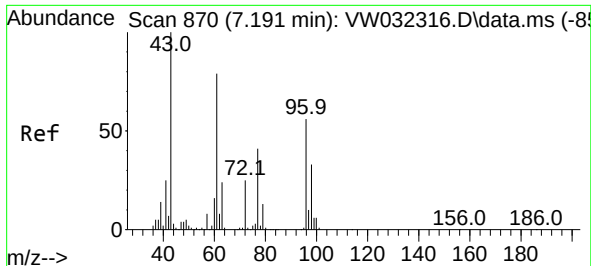
Tgt Ion: 43 Resp: 256337
 Ion Ratio Lower Upper
 43 100
 86 0.7 8.8 13.2#



#24
 1,1-Dichloroethane
 Concen: 66.794 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion: 63 Resp: 210102
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 5.1 2.5 7.5

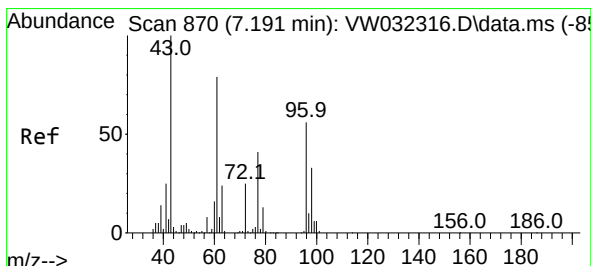
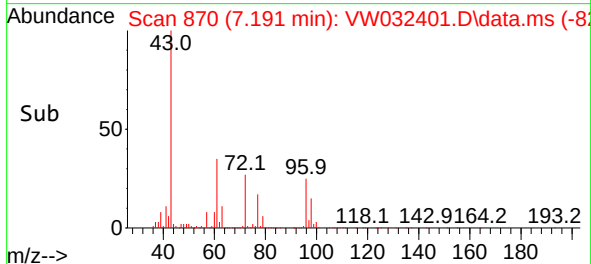
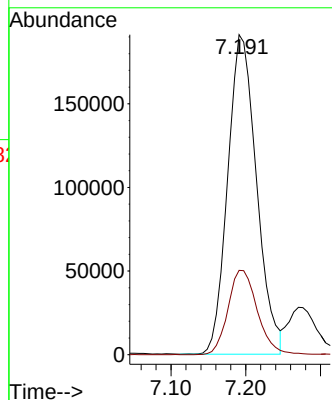
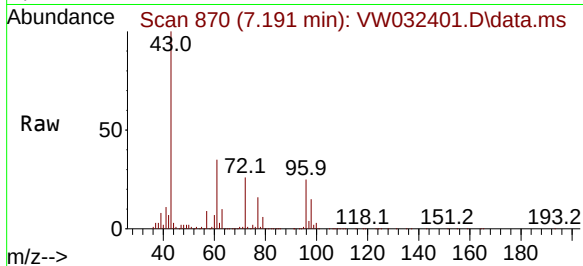




#25
2-Butanone
Concen: 713.565 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

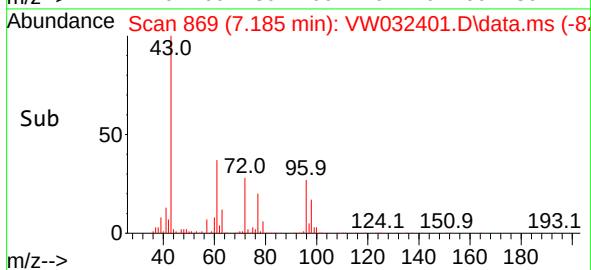
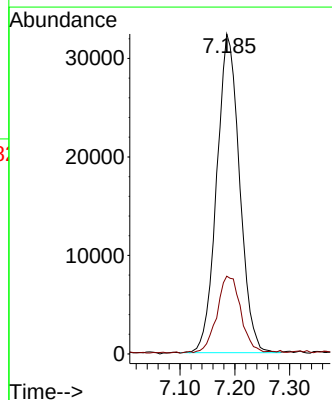
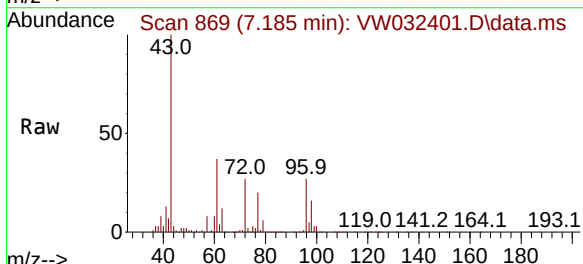
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

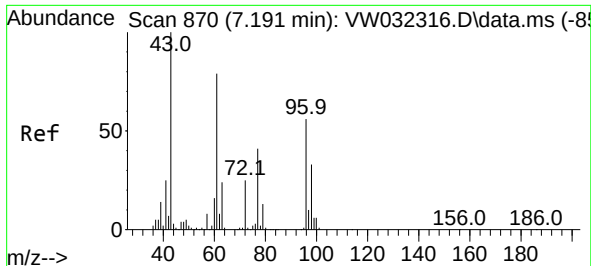
Tgt Ion: 43 Resp: 513309
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 58.190 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 77 Resp: 93628
Ion Ratio Lower Upper
77 100
97 25.3 11.9 35.5

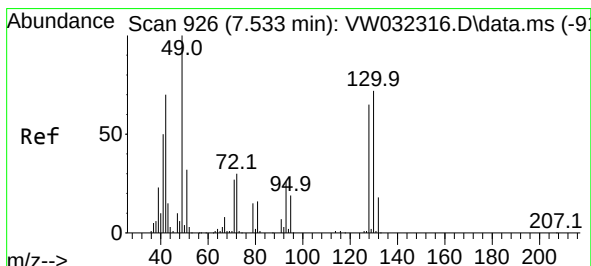
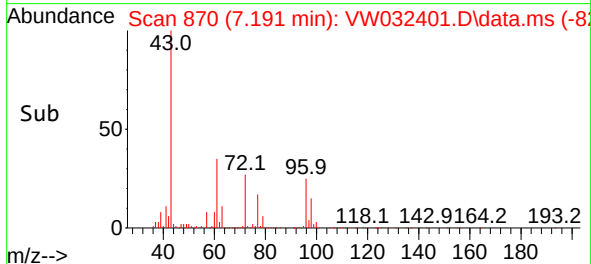
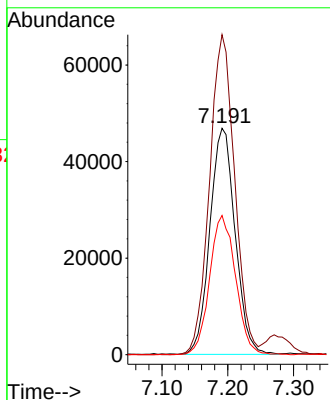
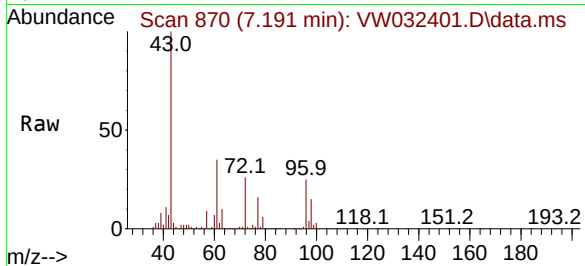




#27
 cis-1,2-Dichloroethene
 Concen: 63.774 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

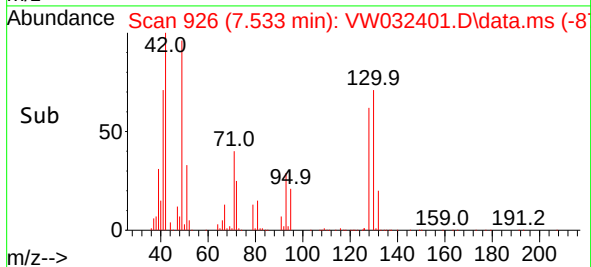
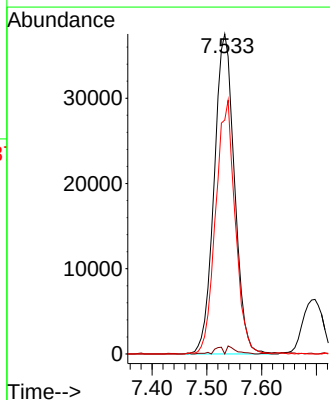
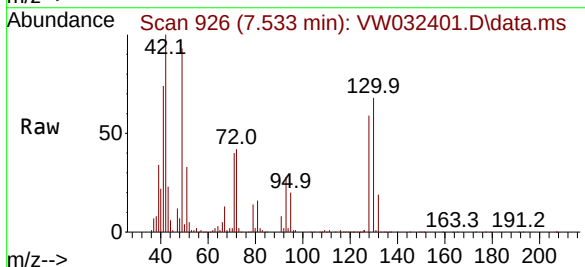
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MSD

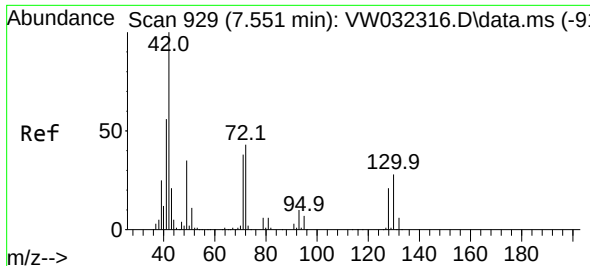
Tgt Ion: 96 Resp: 125024
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 268.0
 98 63.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 65.324 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion: 49 Resp: 96675
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.2
 130 76.2 67.5 101.3

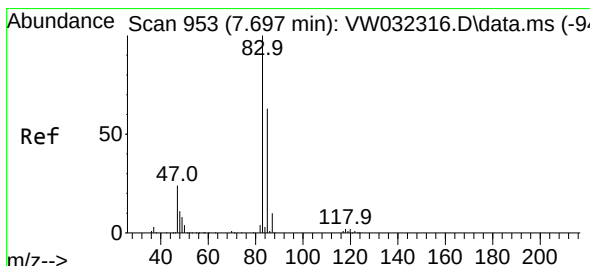
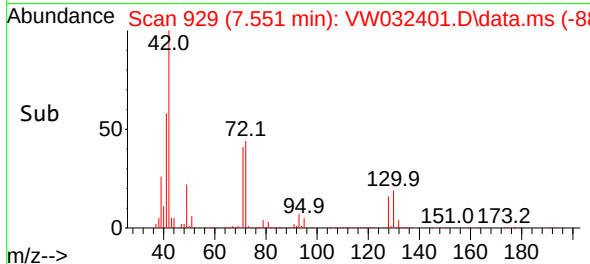
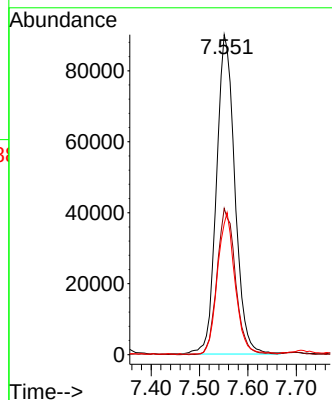
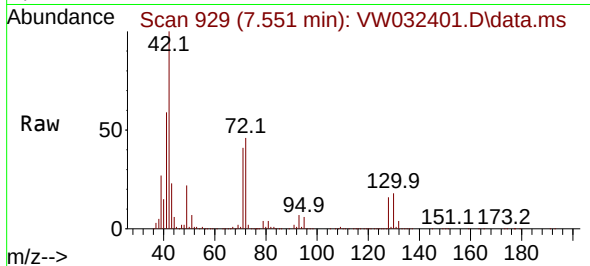




#29
Tetrahydrofuran
Concen: 526.094 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

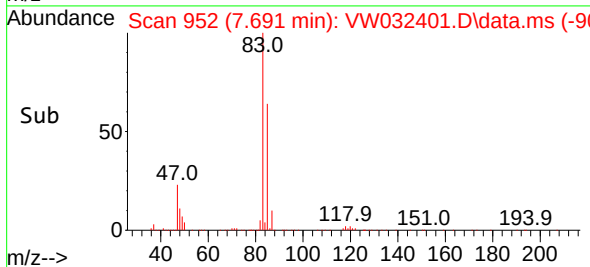
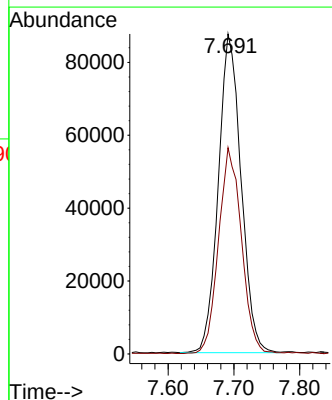
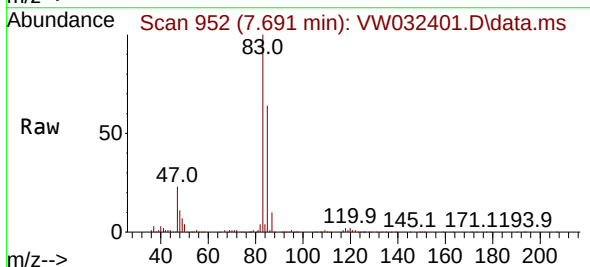
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

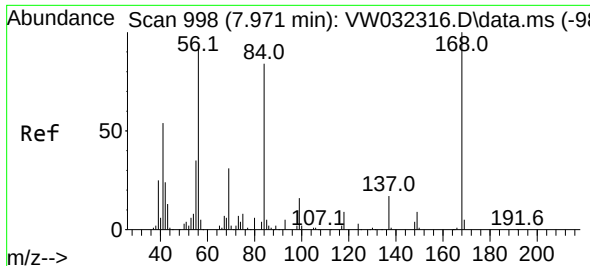
Tgt Ion: 42 Resp: 237996
Ion Ratio Lower Upper
42 100
72 45.9 37.4 56.2
71 42.1 36.0 54.0



#30
Chloroform
Concen: 65.961 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 83 Resp: 210422
Ion Ratio Lower Upper
83 100
85 64.6 51.2 76.8

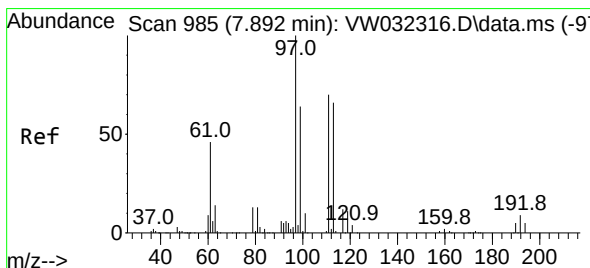
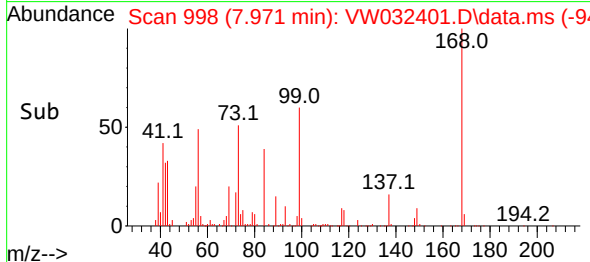
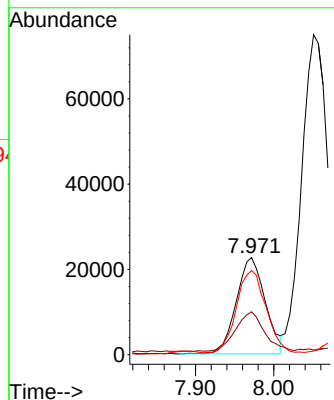
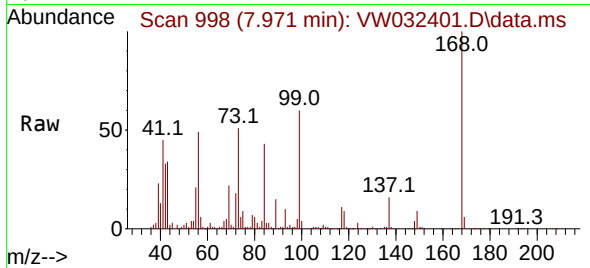




#31
Cyclohexane
Concen: 21.543 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

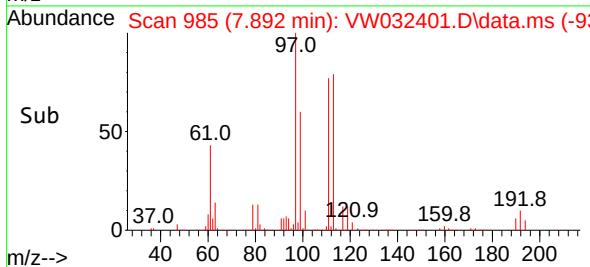
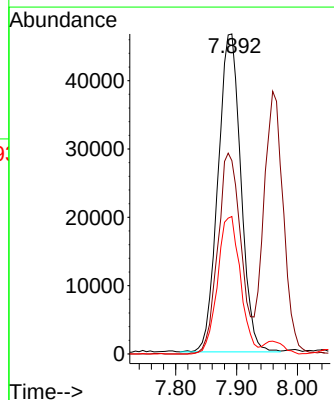
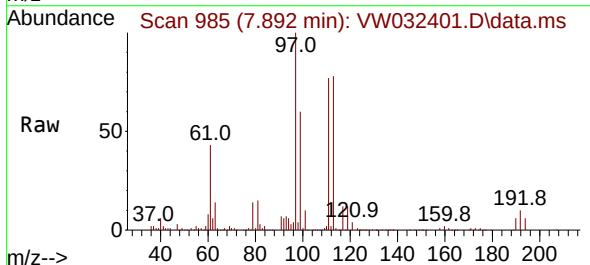
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

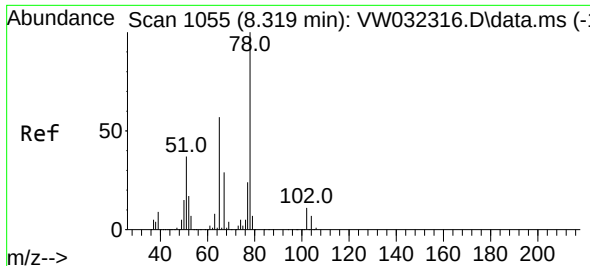
Tgt Ion:	56	Resp:	57852
Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.7	41.5
84	83.8	74.6	112.0



#32
1,1,1-Trichloroethane
Concen: 53.740 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:	97	Resp:	121484
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.9	76.3
61	43.2	36.2	54.4

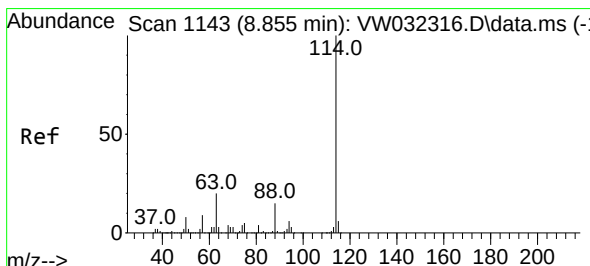
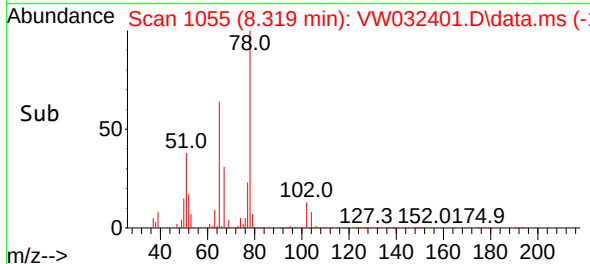
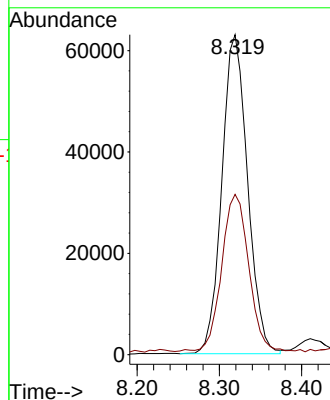
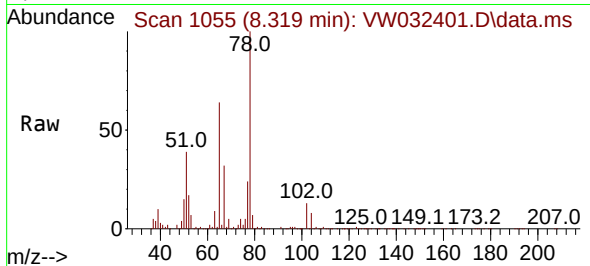




#33
 1,2-Dichloroethane-d4
 Concen: 71.688 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

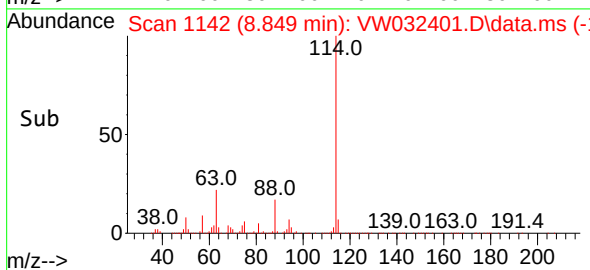
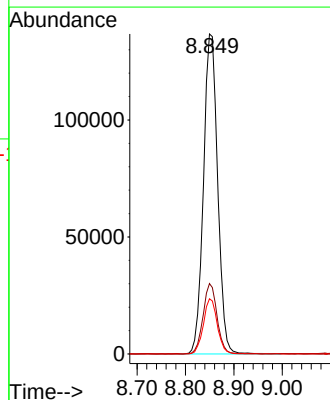
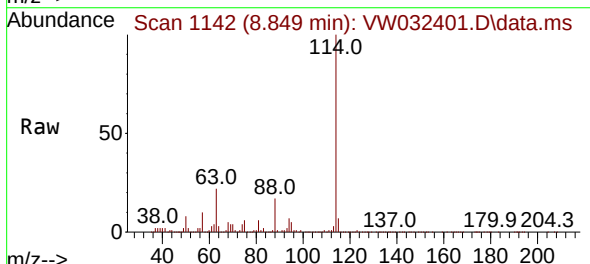
Instrument : MSVOA_W
 ClientSampleId : PR132-S07-000102-20251017MSD

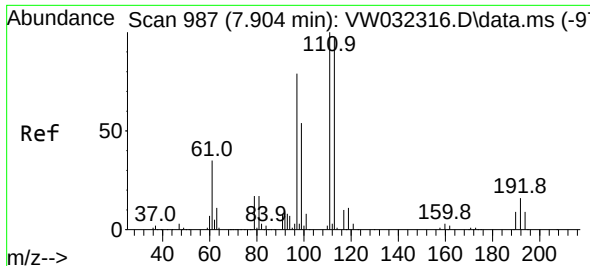
Tgt Ion: 65 Resp: 136748
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion: 114 Resp: 279199
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.4
 88 17.2 0.0 32.0

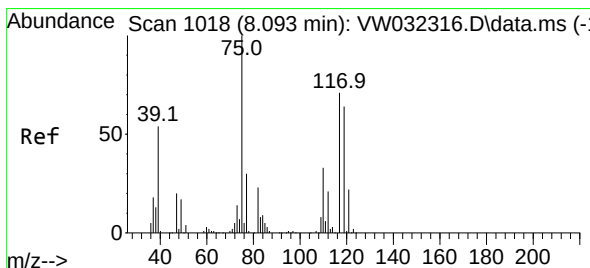
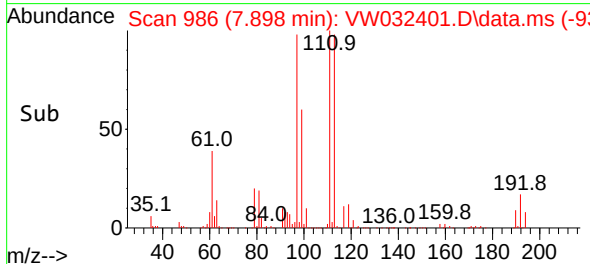
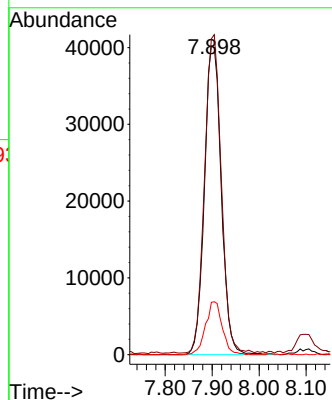
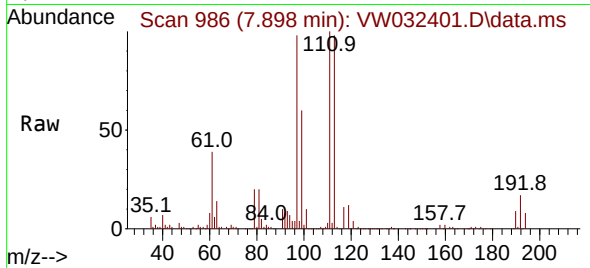




#35
 Dibromofluoromethane
 Concen: 55.329 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

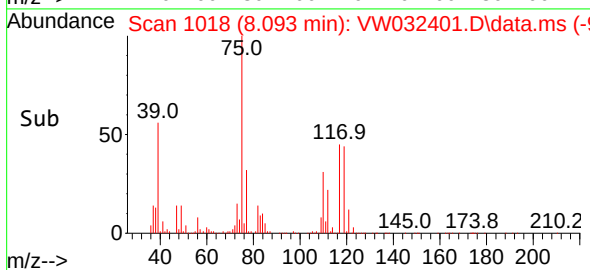
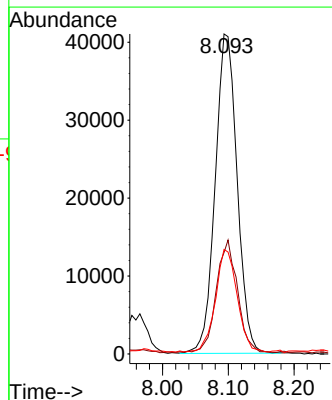
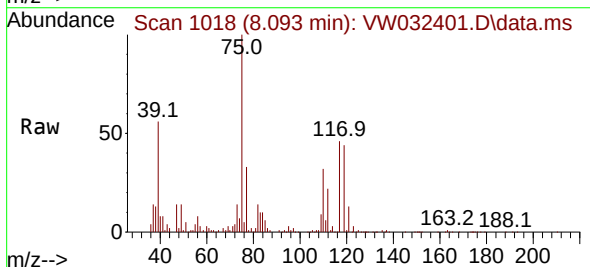
Instrument : MSVOA_W
 ClientSampleId : PR132-S07-000102-20251017MSD

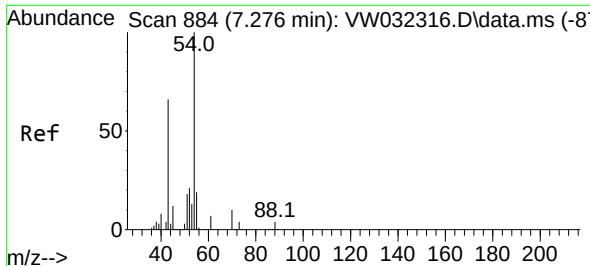
Tgt Ion:113 Resp: 100041
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.9 125.9
 192 17.0 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 37.373 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion: 75 Resp: 95367
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.5 52.5
 77 31.7 24.1 36.1

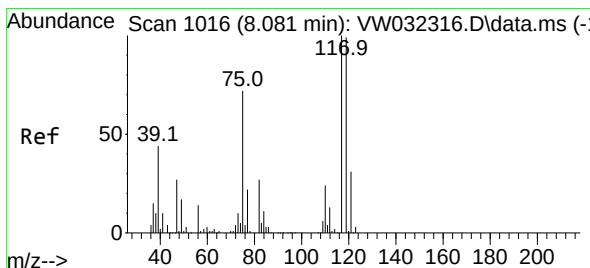
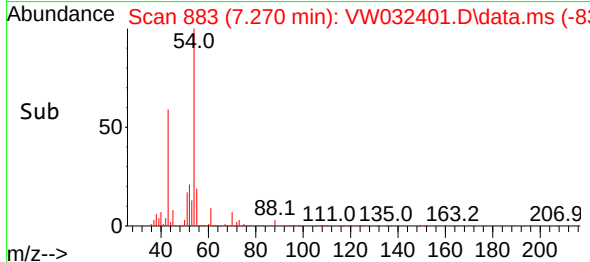
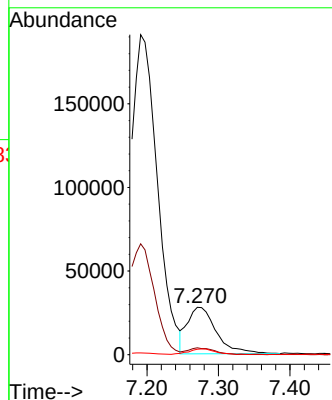
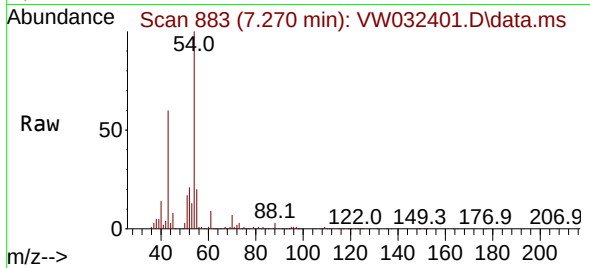




#37
Ethyl Acetate
Concen: 46.227 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

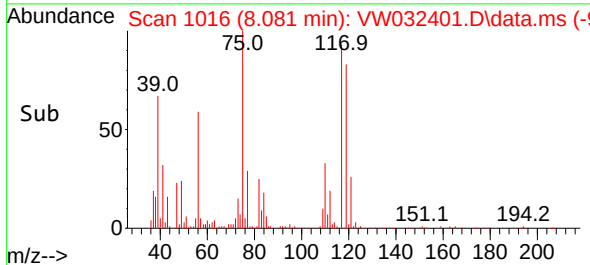
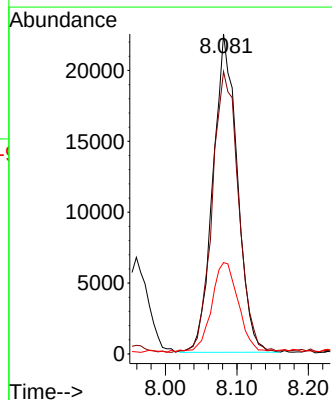
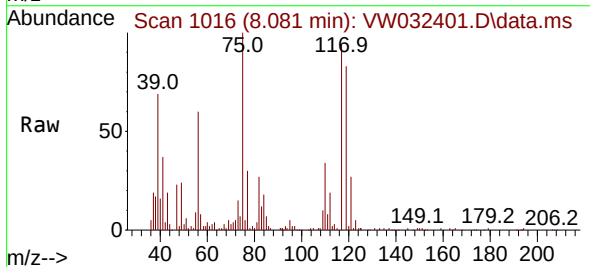
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

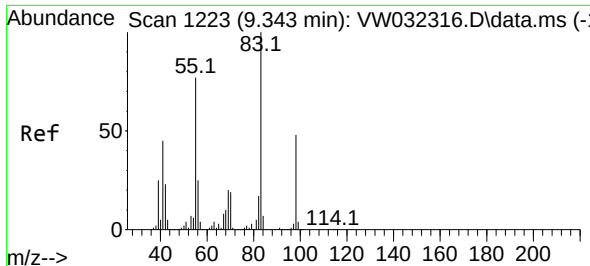
Tgt Ion: 43 Resp: 78517
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 11.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 22.132 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 117 Resp: 53145
Ion Ratio Lower Upper
117 100
119 87.8 74.2 111.2
121 27.5 25.6 38.4

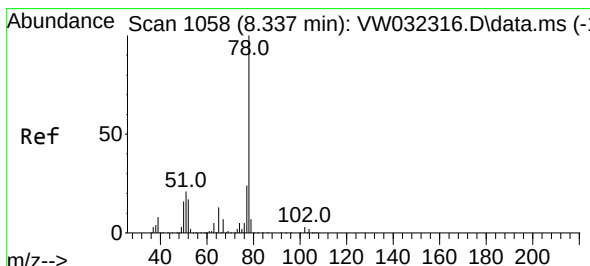
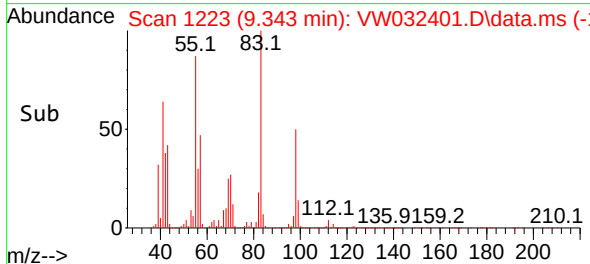
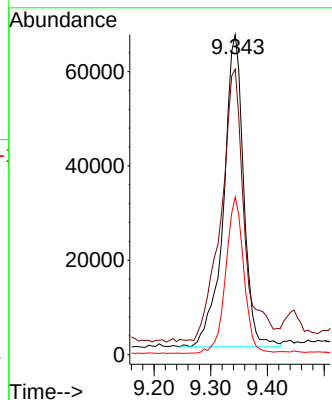
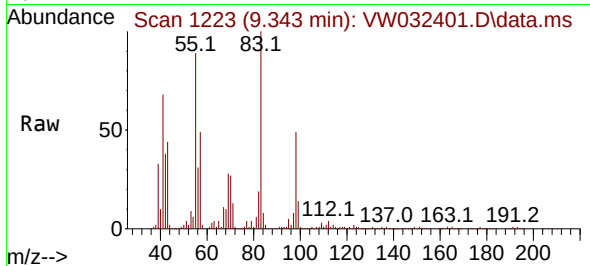




#39
Methylcyclohexane
Concen: 52.833 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

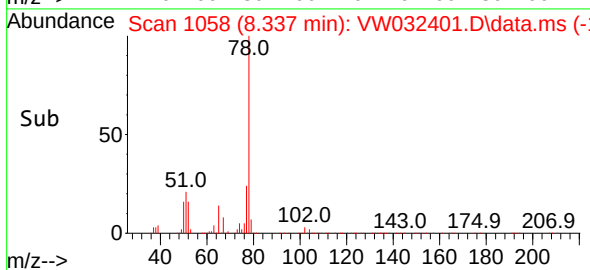
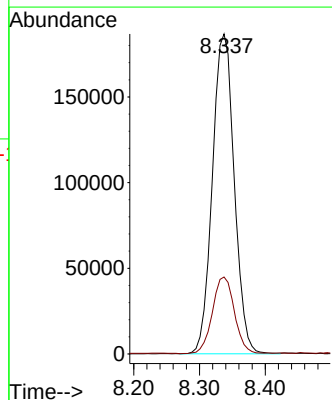
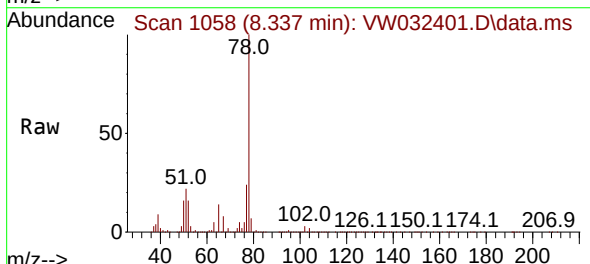
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

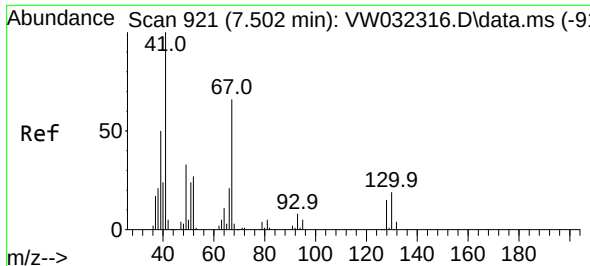
Tgt Ion: 83 Resp: 162622
Ion Ratio Lower Upper
83 100
55 86.5 58.4 87.6
98 50.1 39.4 59.2



#40
Benzene
Concen: 53.936 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 78 Resp: 431403
Ion Ratio Lower Upper
78 100
77 24.0 20.7 31.1

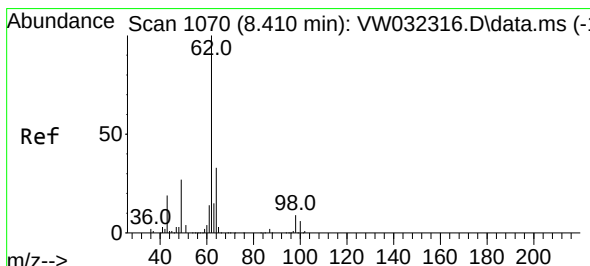
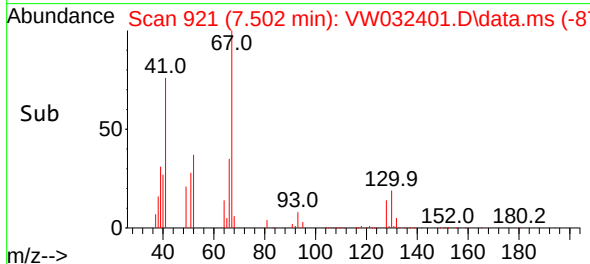
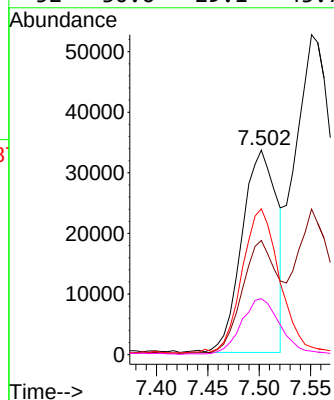
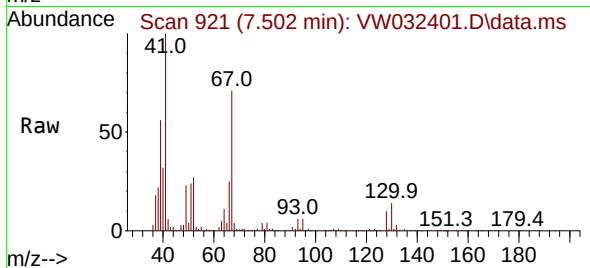




#41
Methacrylonitrile
Concen: 86.912 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

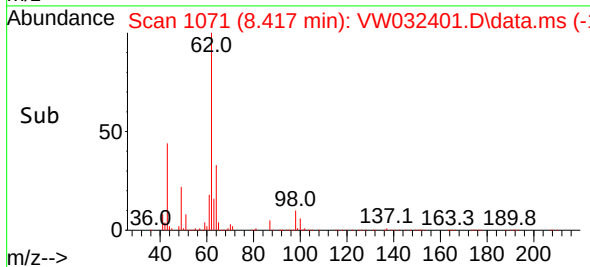
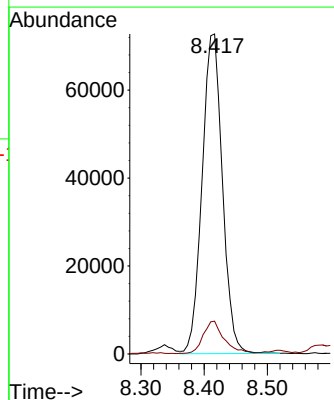
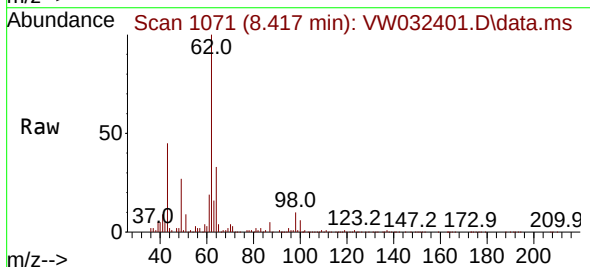
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

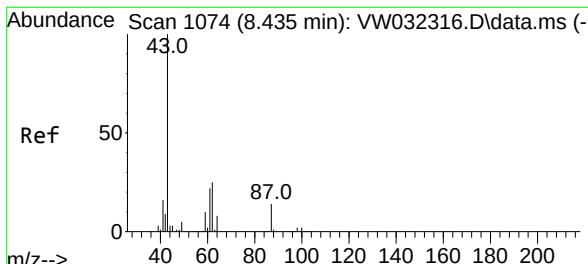
Tgt Ion:	41	Resp:	79555
Ion	Ratio	Lower	Upper
41	100		
39	59.2	50.9	76.3
67	76.8	65.6	98.4
52	30.6	29.1	43.7



#42
1,2-Dichloroethane
Concen: 62.062 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:	62	Resp:	162425
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	18.0

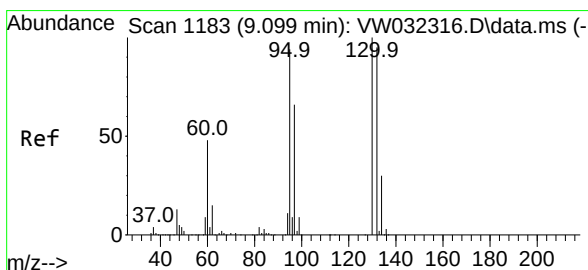
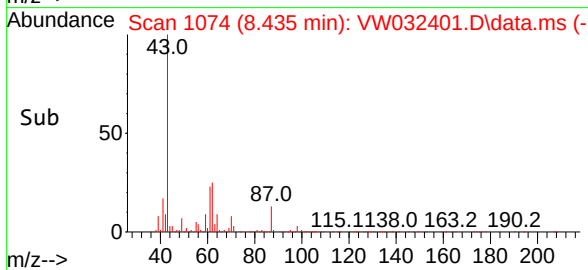
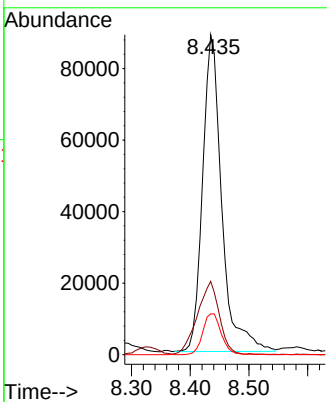
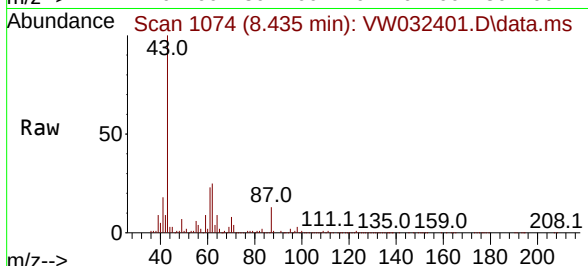




#43
Isopropyl Acetate
Concen: 66.702 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

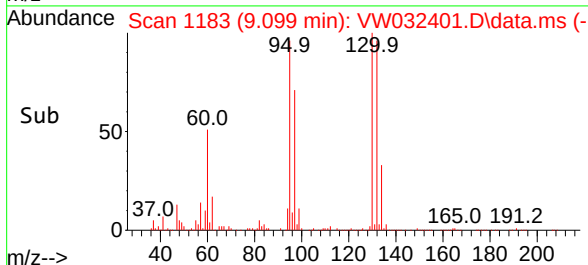
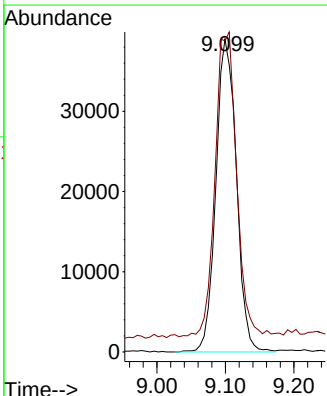
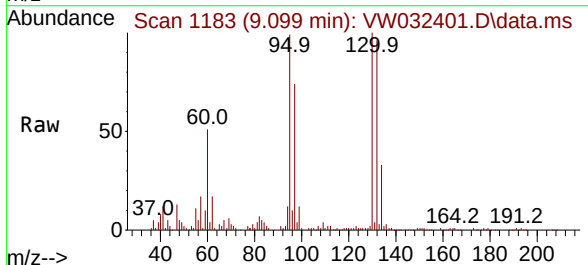
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

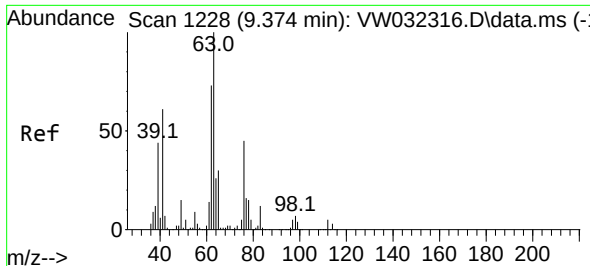
Tgt Ion:	43	Resp:	200980
Ion	Ratio	Lower	Upper
43	100		
61	26.0	23.3	34.9
87	12.5	11.1	16.7



#44
Trichloroethene
Concen: 43.184 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:	130	Resp:	80877
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	220.0

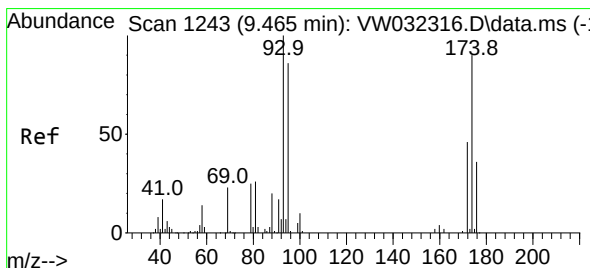
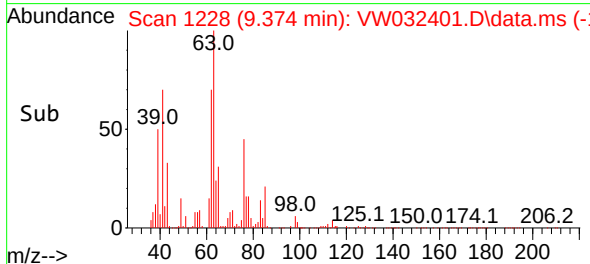
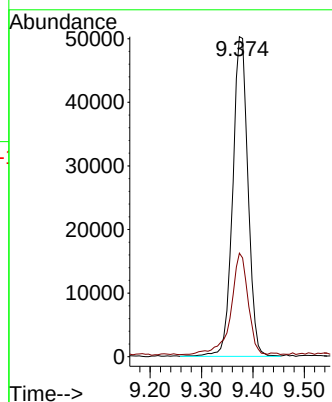
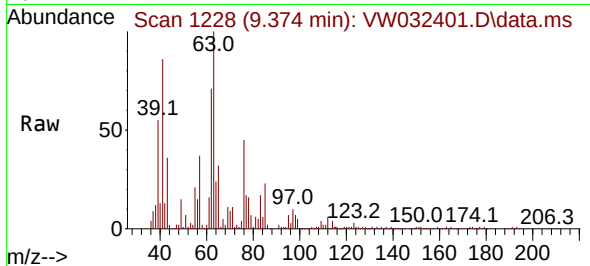




#45
1,2-Dichloropropane
Concen: 52.012 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

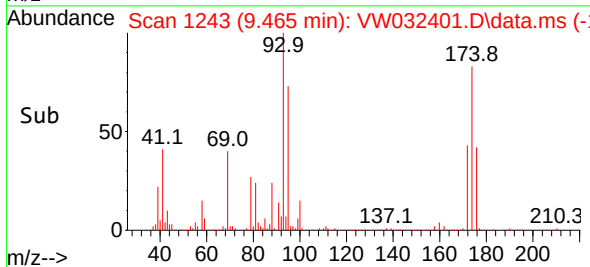
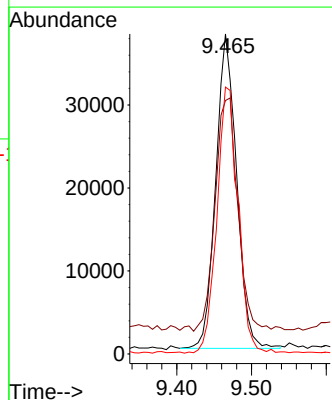
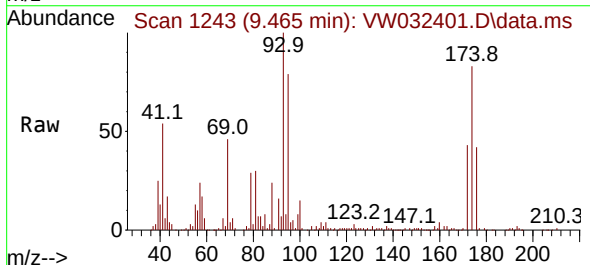
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

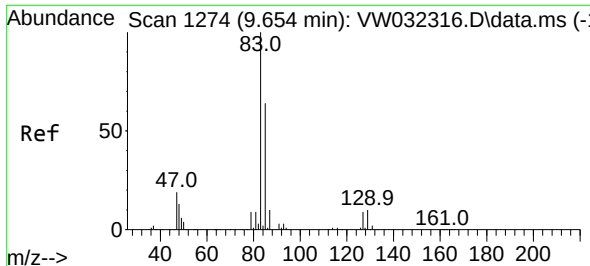
Tgt Ion: 63 Resp: 103840
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5



#46
Dibromomethane
Concen: 59.746 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 93 Resp: 73347
Ion Ratio Lower Upper
93 100
95 80.9 67.4 101.2
174 86.2 75.7 113.5

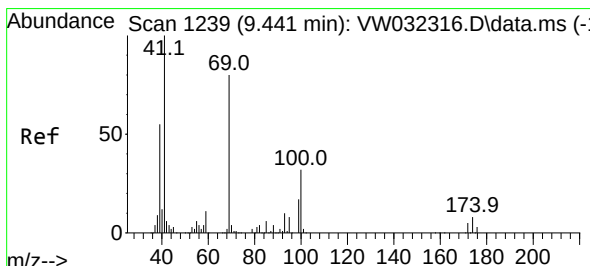
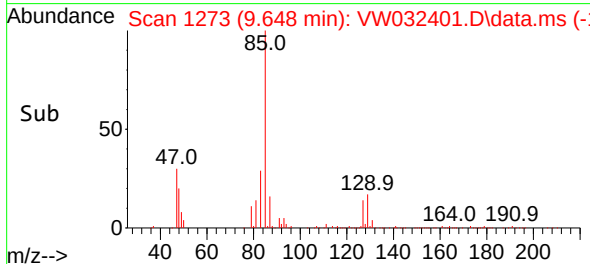
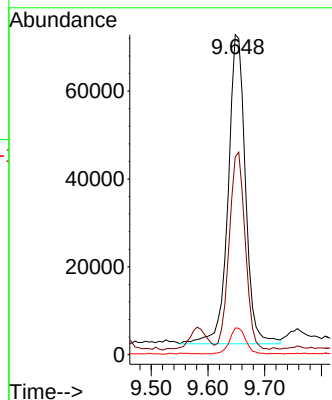
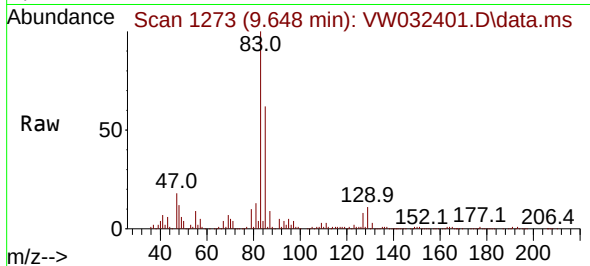




#47
Bromodichloromethane
Concen: 53.334 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

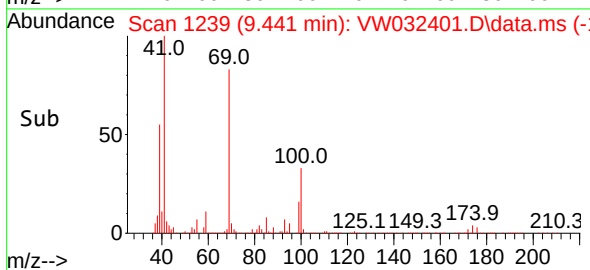
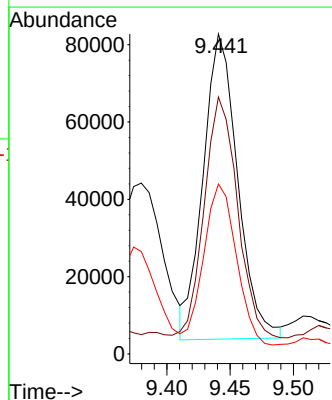
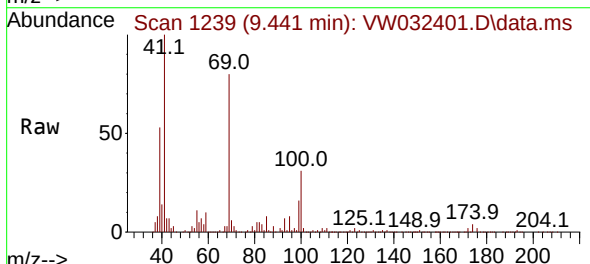
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

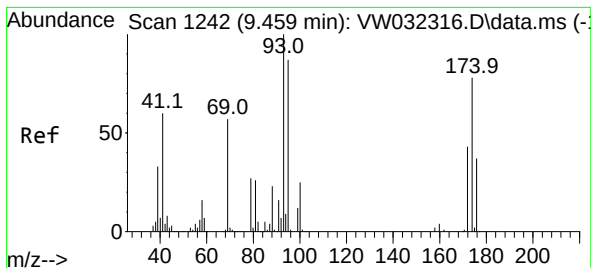
Tgt Ion: 83 Resp: 149758
Ion Ratio Lower Upper
83 100
85 62.2 48.7 73.1
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 102.301 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 41 Resp: 149868
Ion Ratio Lower Upper
41 100
69 79.5 71.5 107.3
39 53.5 55.9 83.9#





#49

1,4-Dioxane

Concen: 1924.641 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032401.D

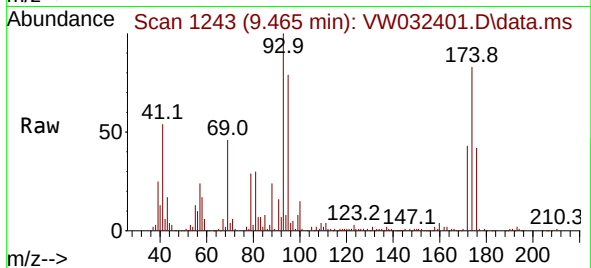
Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MSD



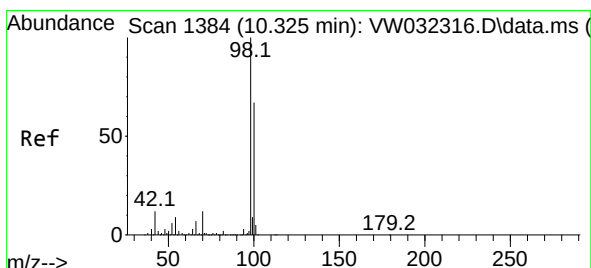
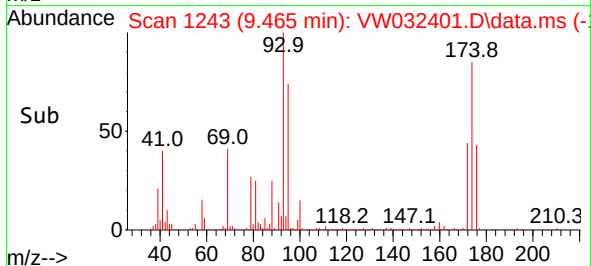
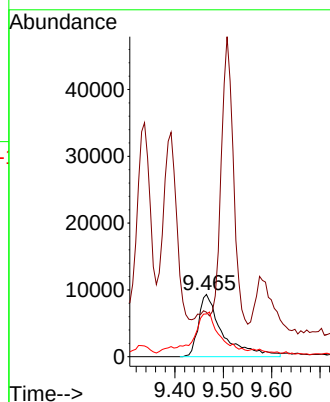
Tgt Ion: 88 Resp: 32295

Ion Ratio Lower Upper

88 100

43 21.7 18.0 27.0

58 60.6 55.4 83.0



#50

Toluene-d8

Concen: 38.025 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032401.D

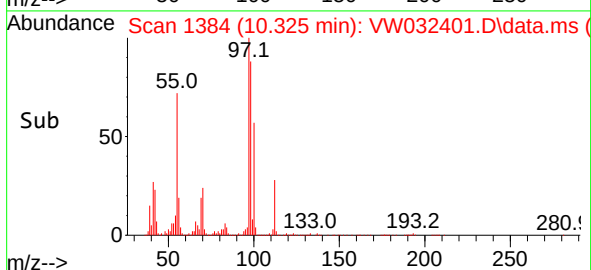
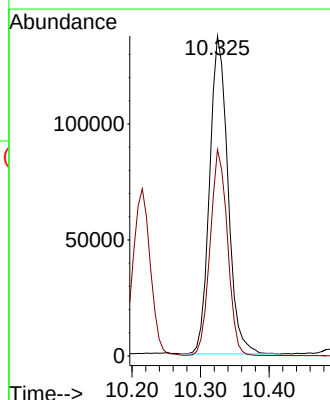
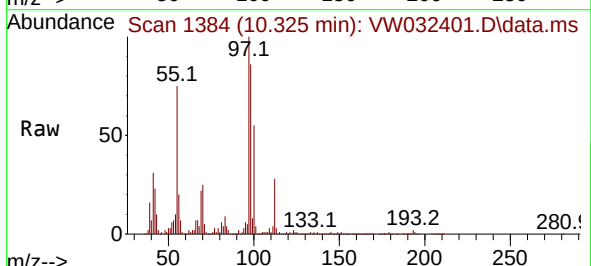
Acq: 20 Oct 2025 19:42

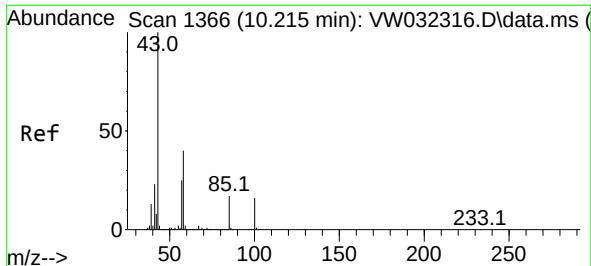
Tgt Ion: 98 Resp: 253753

Ion Ratio Lower Upper

98 100

100 61.4 51.4 77.2

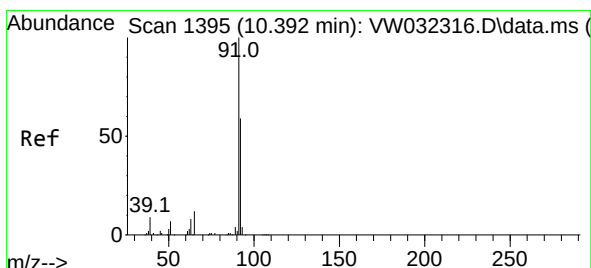
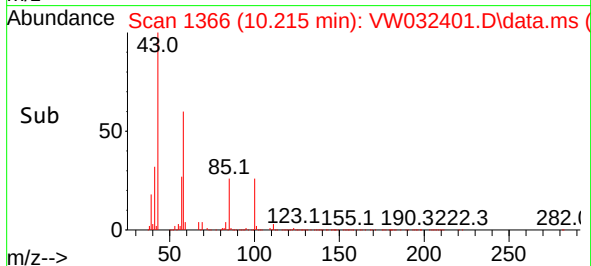
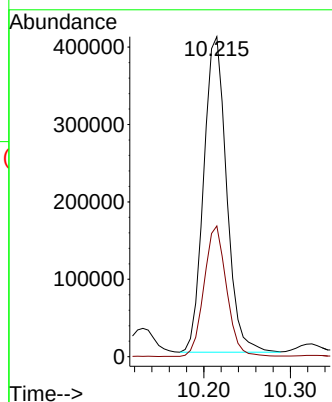
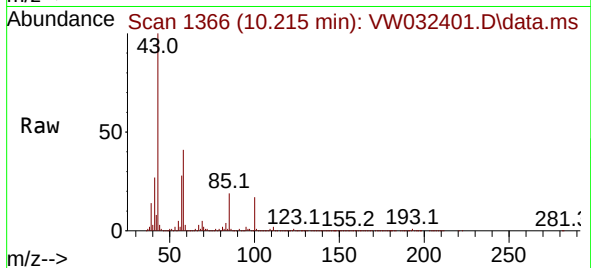




#51
4-Methyl-2-Pentanone
Concen: 430.079 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

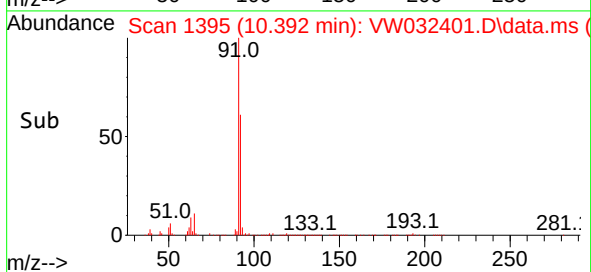
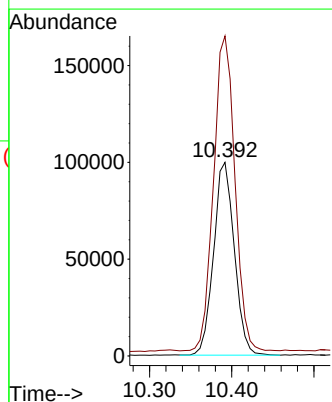
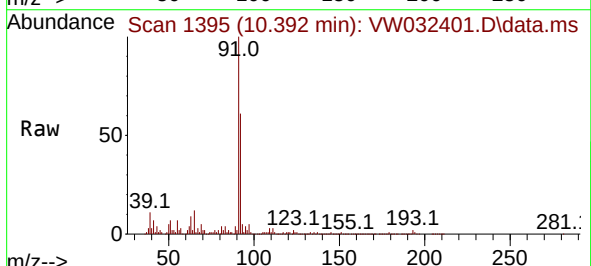
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

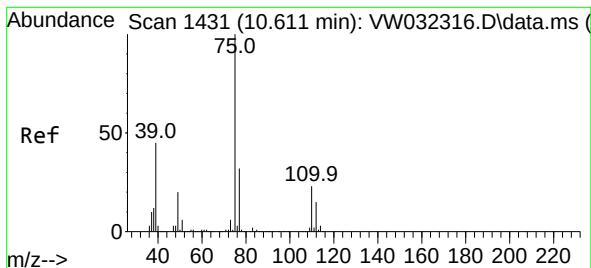
Tgt Ion: 43 Resp: 750570
Ion Ratio Lower Upper
43 100
58 40.6 32.0 48.0



#52
Toluene
Concen: 34.976 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 92 Resp: 174217
Ion Ratio Lower Upper
92 100
91 167.8 137.5 206.3

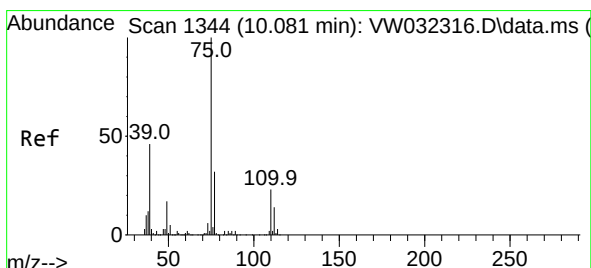
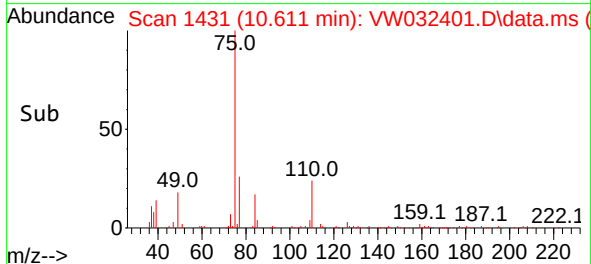
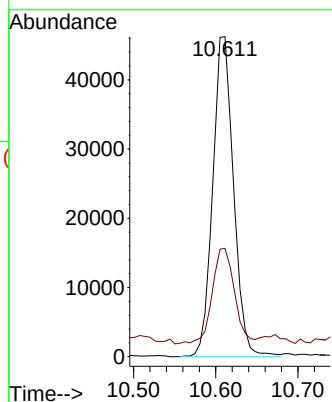
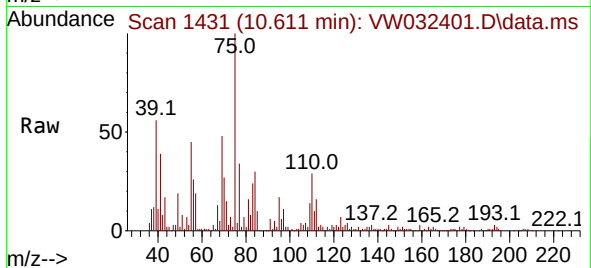




#53
t-1,3-Dichloropropene
Concen: 29.888 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

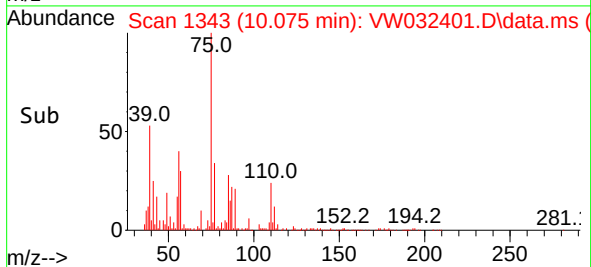
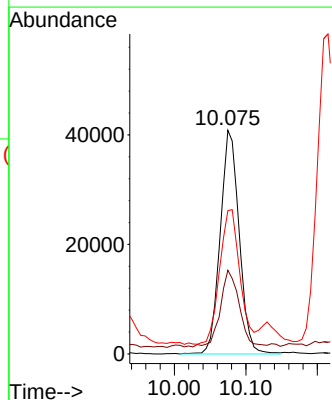
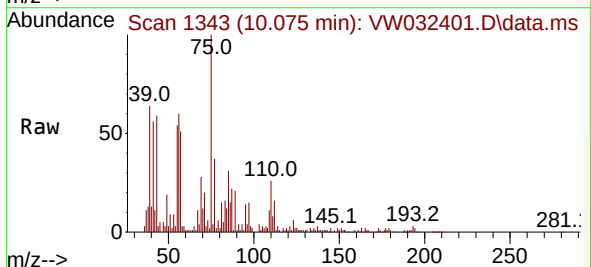
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

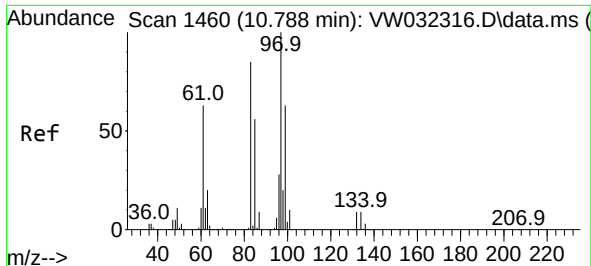
Tgt Ion: 75 Resp: 81420
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 23.923 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 75 Resp: 75068
Ion Ratio Lower Upper
75 100
77 34.0 25.1 37.7
39 58.9 43.2 64.8

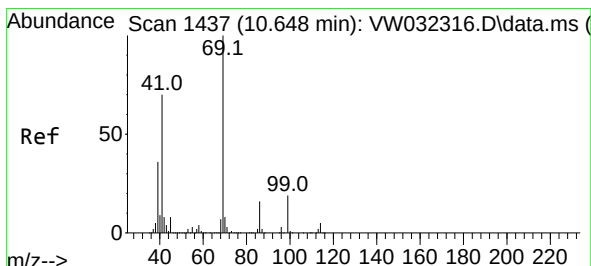
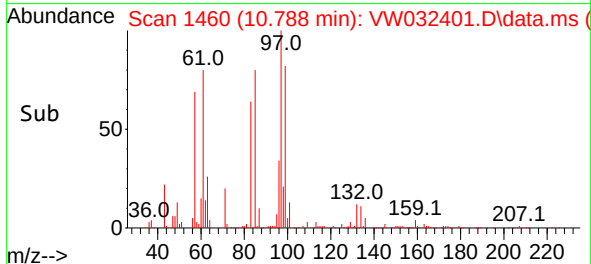
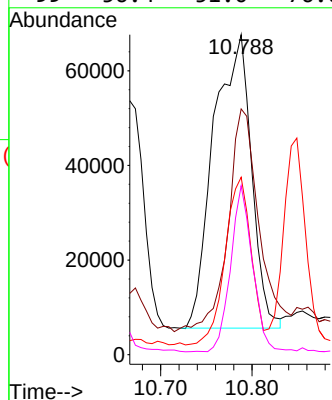
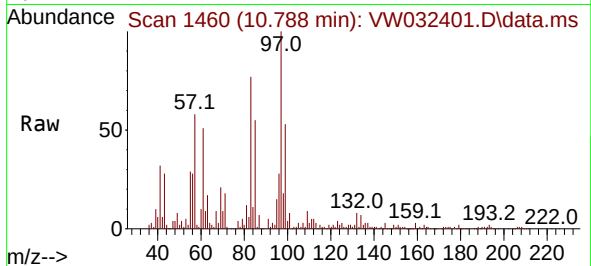




#55
1,1,2-Trichloroethane
Concen: 108.087 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

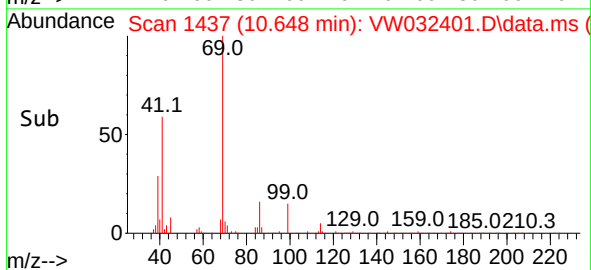
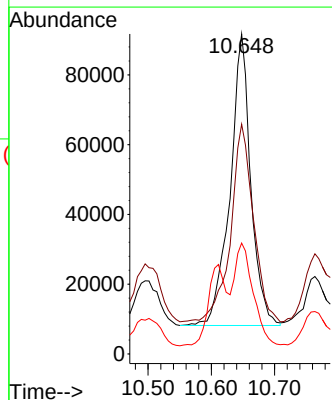
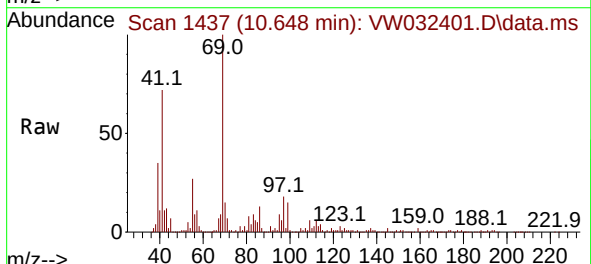
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

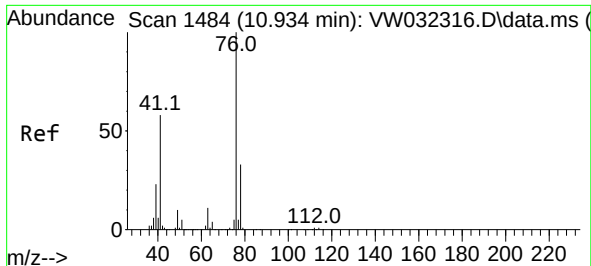
Tgt Ion:	97	Resp:	177347
Ion	Ratio	Lower	Upper
97	100		
83	74.8	71.0	106.6
85	56.4	42.8	64.2
99	56.4	51.0	76.6



#56
Ethyl methacrylate
Concen: 82.806 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:	69	Resp:	190171
Ion	Ratio	Lower	Upper
69	100		
41	73.9	53.2	79.8
39	30.7	32.9	49.3

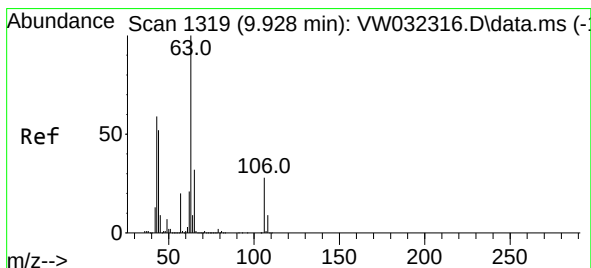
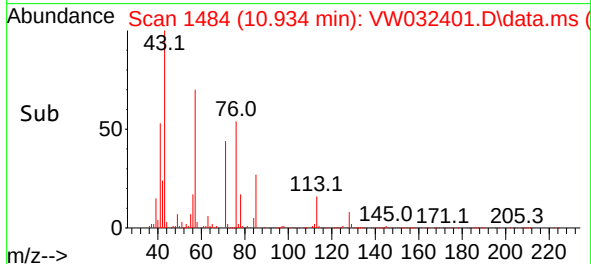
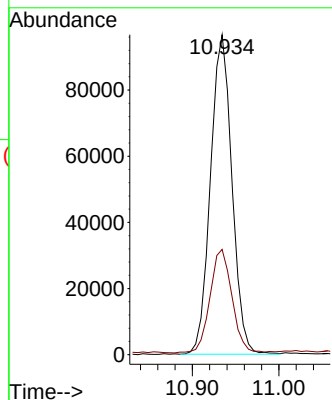
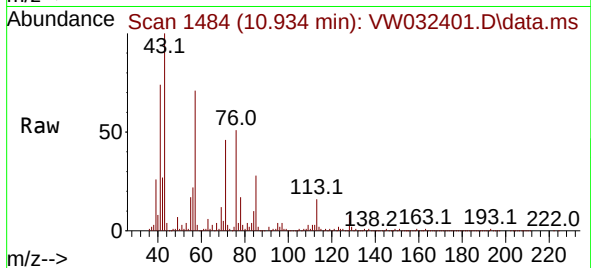




#57
1,3-Dichloropropane
Concen: 57.297 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

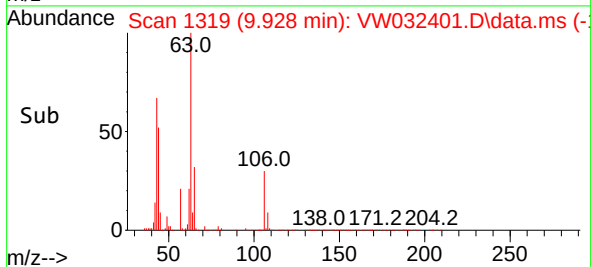
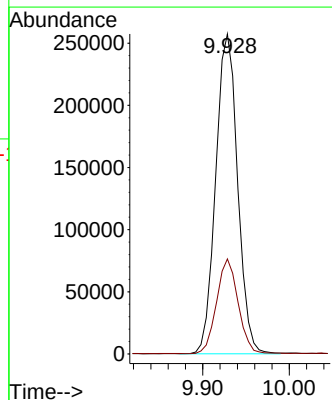
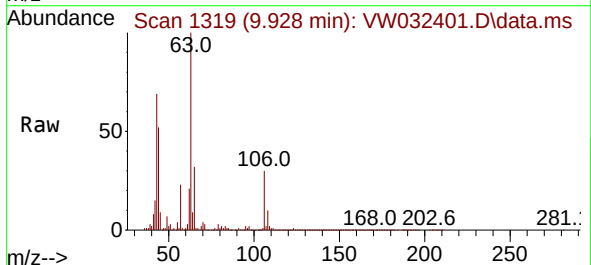
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

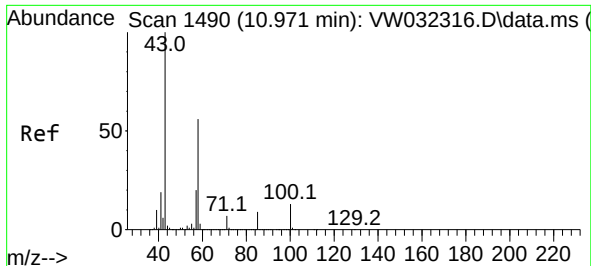
Tgt Ion: 76 Resp: 166043
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 369.660 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 63 Resp: 451813
Ion Ratio Lower Upper
63 100
106 29.1 24.3 36.5

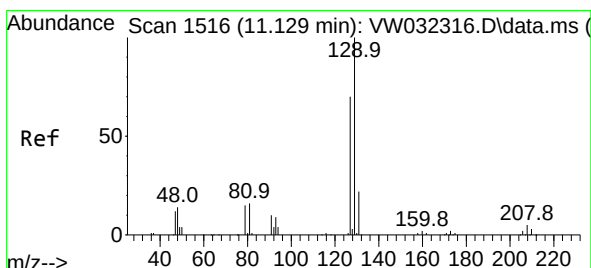
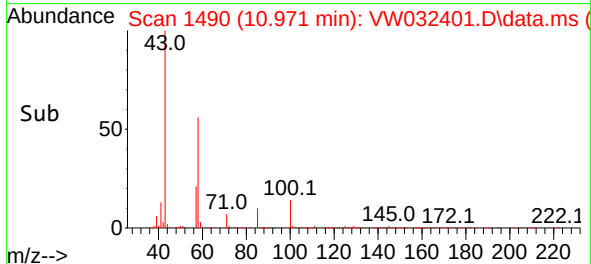
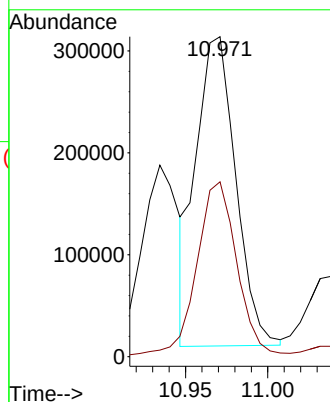
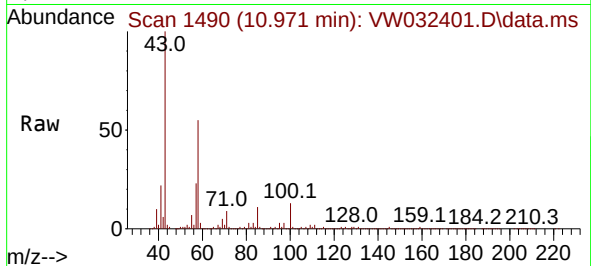




#59
2-Hexanone
Concen: 413.489 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

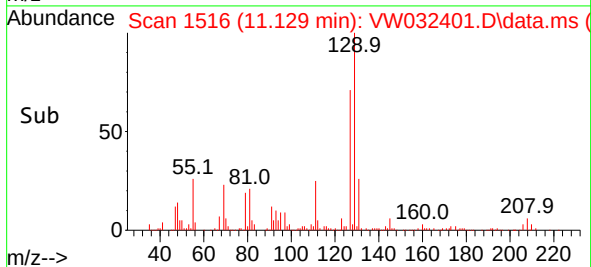
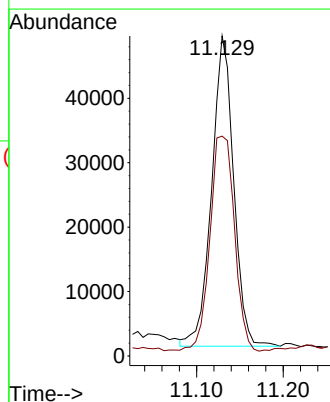
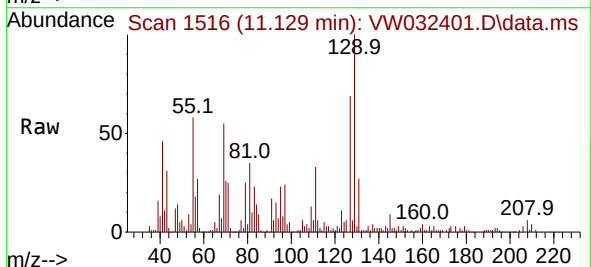
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

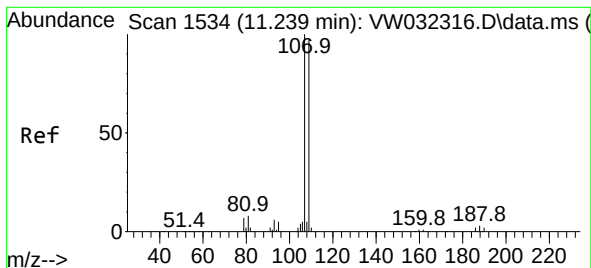
Tgt Ion: 43 Resp: 508947
Ion Ratio Lower Upper
43 100
58 57.8 27.5 82.4



#60
Dibromochloromethane
Concen: 45.476 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:129 Resp: 84725
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5

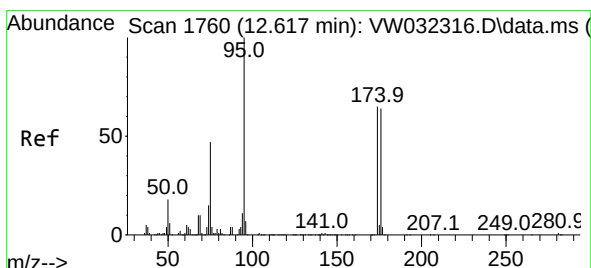
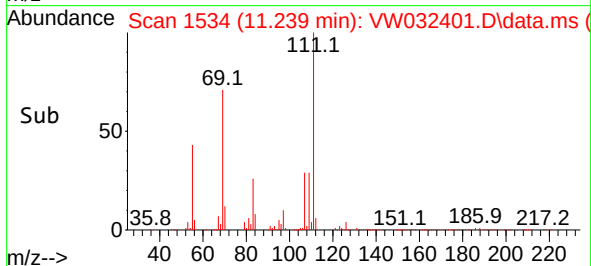
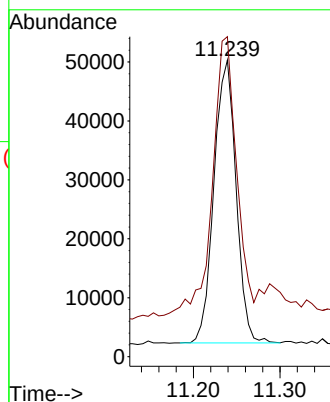
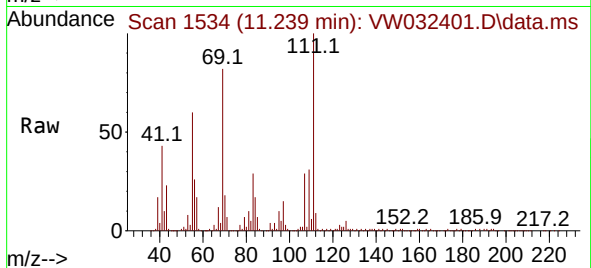




#61
1,2-Dibromoethane
Concen: 53.156 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

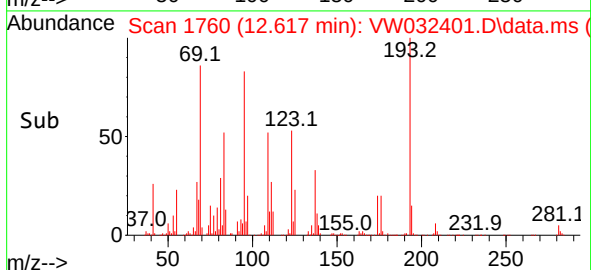
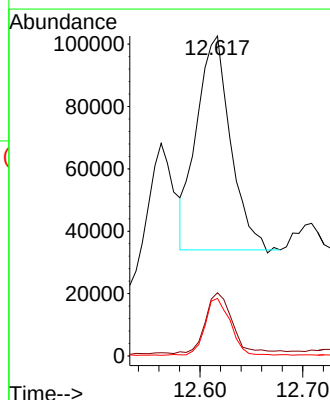
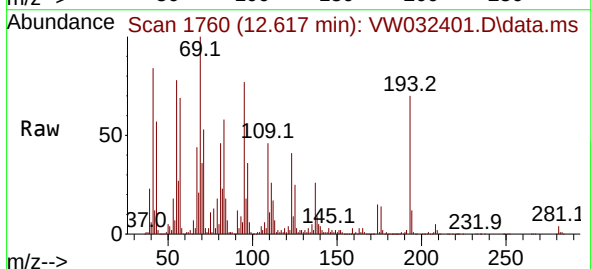
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

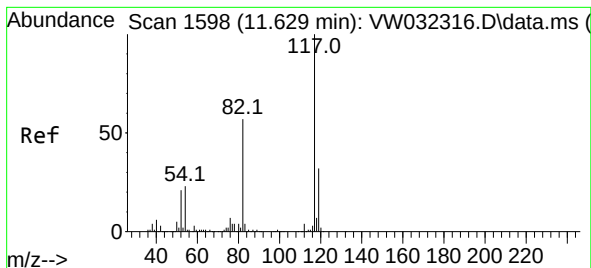
Tgt Ion:107 Resp: 85044
Ion Ratio Lower Upper
107 100
109 106.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 62.387 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 95 Resp: 157361
Ion Ratio Lower Upper
95 100
174 22.4 0.0 145.6
176 19.9 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MSD

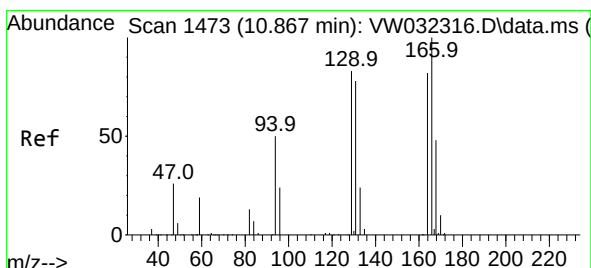
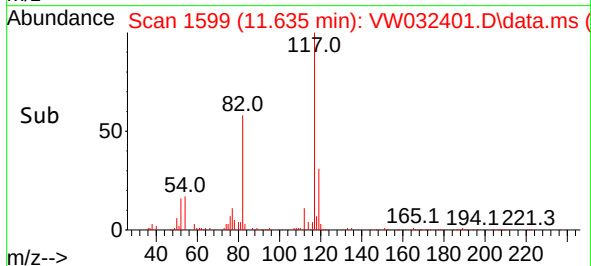
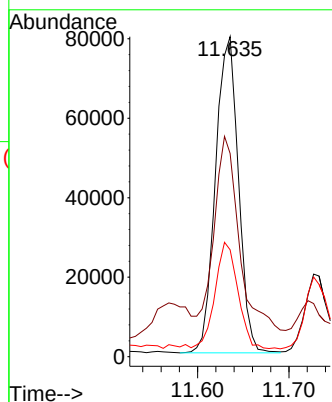
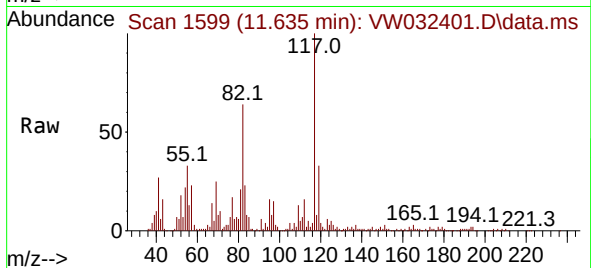
Tgt Ion:117 Resp: 138787

Ion Ratio Lower Upper

117 100

82 55.8 42.7 64.1

119 31.3 25.2 37.8



#64

Tetrachloroethene

Concen: 40.139 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Tgt Ion:164 Resp: 33334

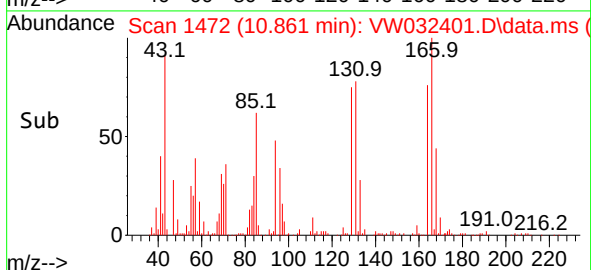
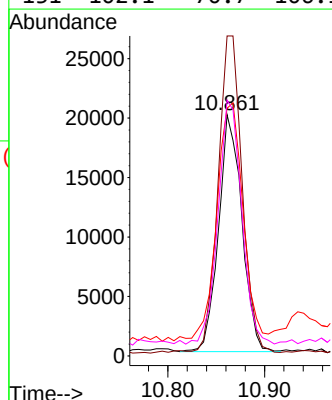
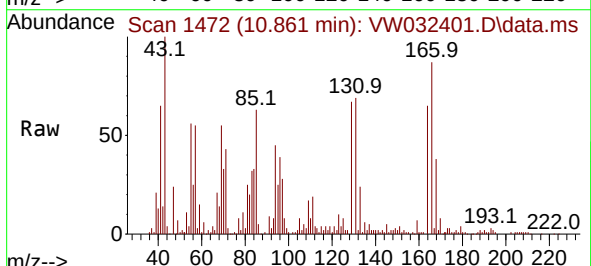
Ion Ratio Lower Upper

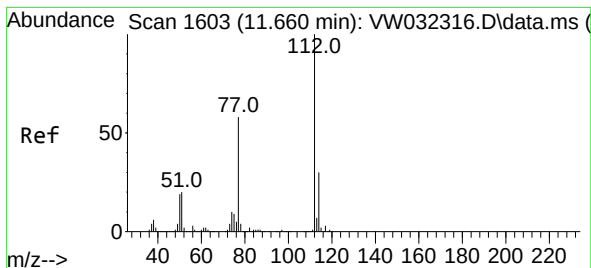
164 100

166 133.6 97.5 146.3

129 96.4 71.2 106.8

131 102.1 70.7 106.1





#65

Chlorobenzene

Concen: 47.965 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

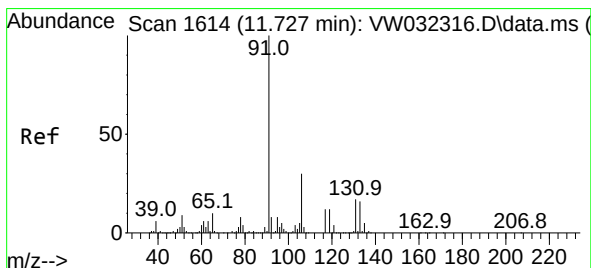
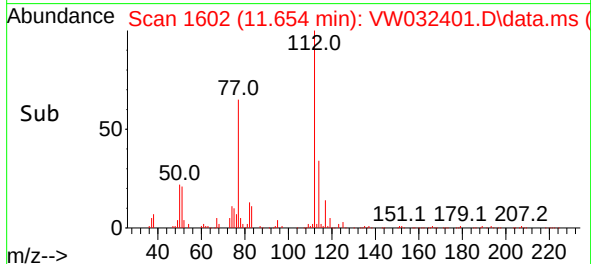
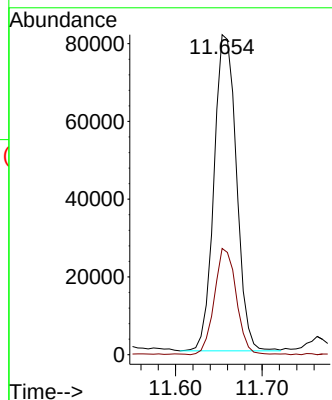
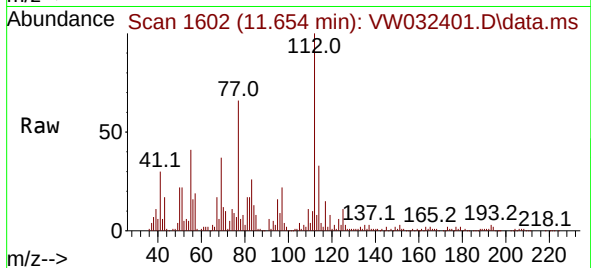
PR132-S07-000102-20251017MSD

Tgt Ion:112 Resp: 146469

Ion Ratio Lower Upper

112 100

114 33.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.378 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

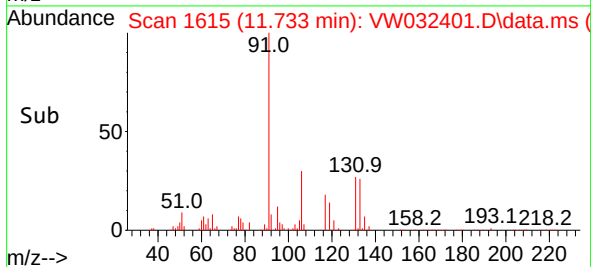
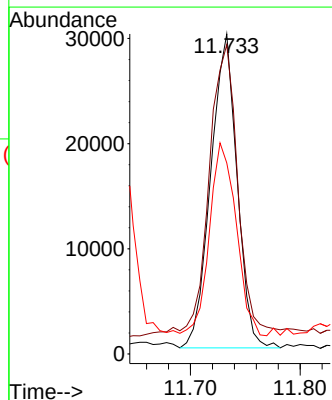
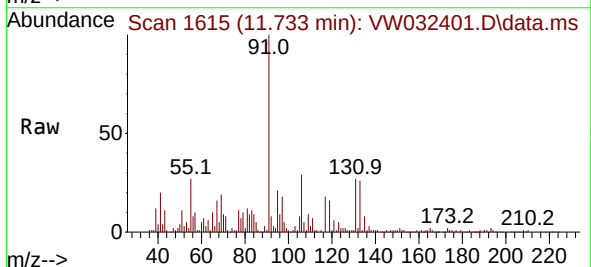
Tgt Ion:131 Resp: 49817

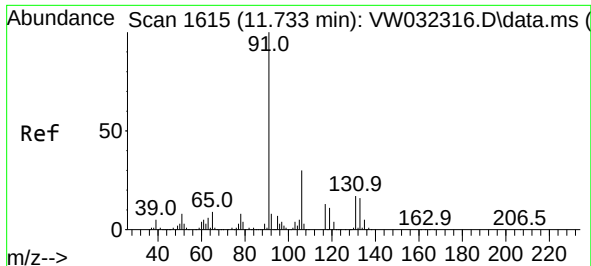
Ion Ratio Lower Upper

131 100

133 104.0 47.7 143.1

119 62.5 32.8 98.3

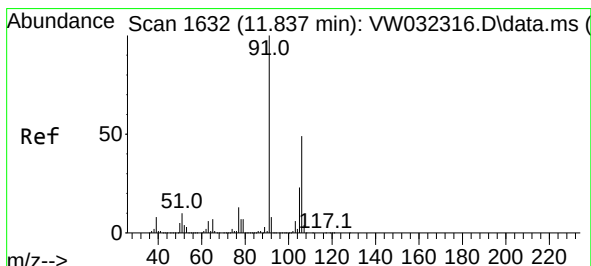
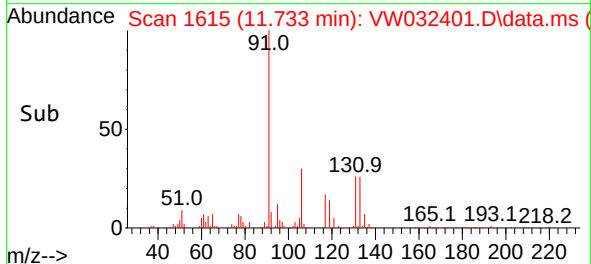
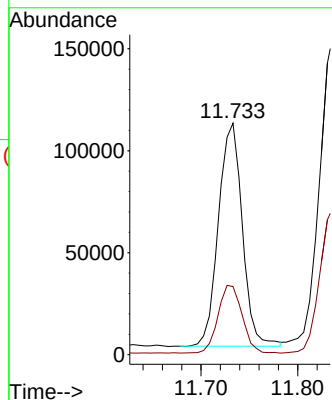
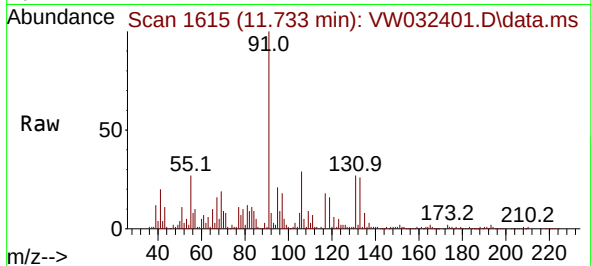




#67
Ethyl Benzene
Concen: 36.775 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

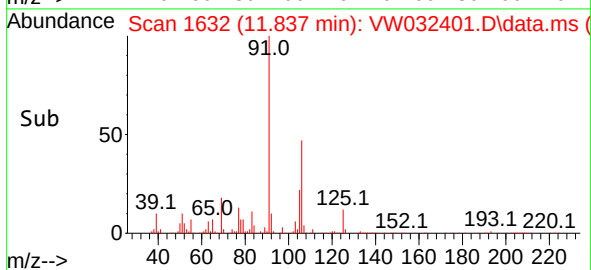
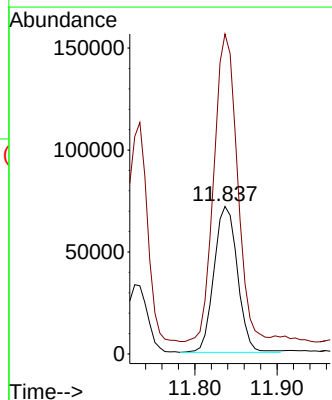
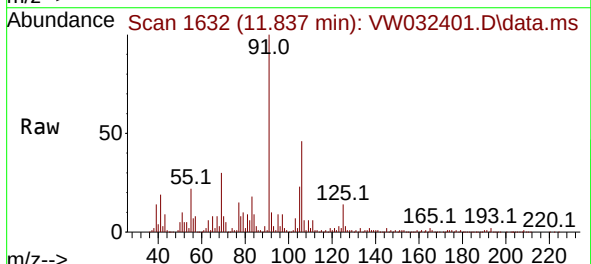
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

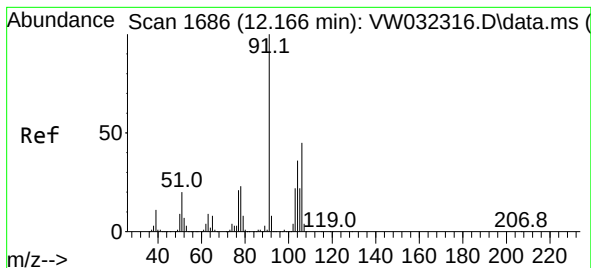
Tgt Ion: 91 Resp: 187188
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9



#68
m/p-Xylenes
Concen: 72.361 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:106 Resp: 142028
Ion Ratio Lower Upper
106 100
91 210.2 164.2 246.2

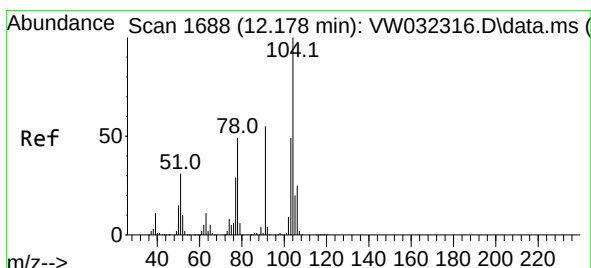
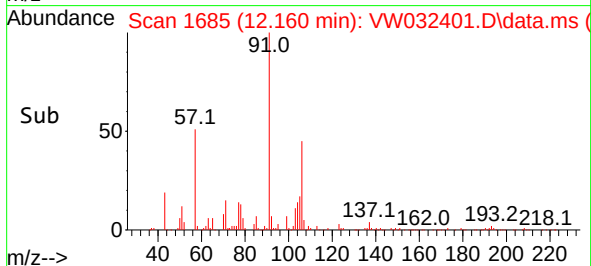
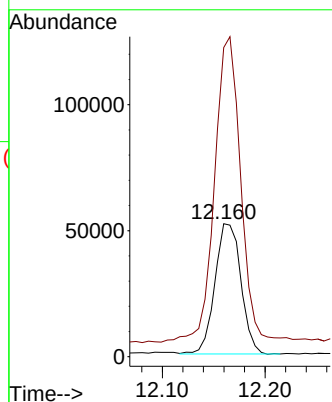
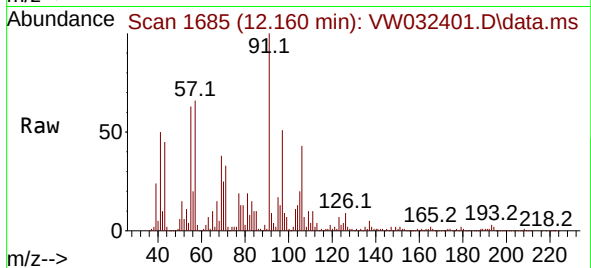




#69
o-Xylene
Concen: 49.303 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

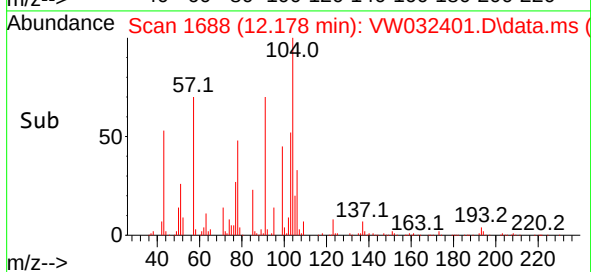
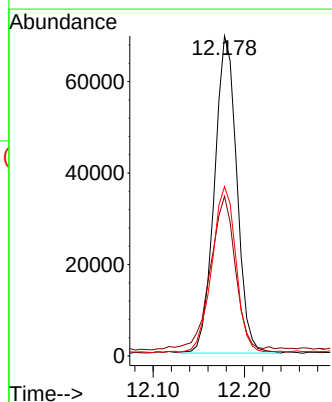
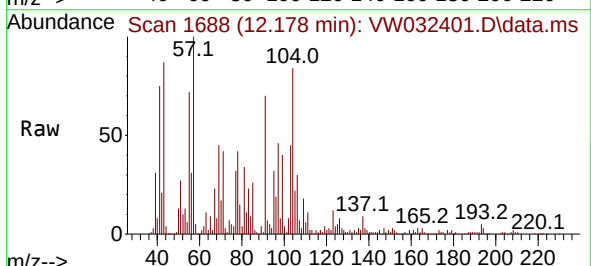
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

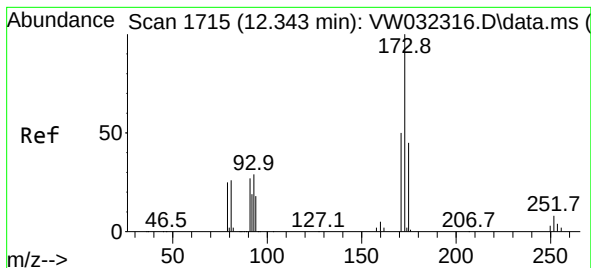
Tgt Ion:106 Resp: 90497
Ion Ratio Lower Upper
106 100
91 240.9 108.7 326.3



#70
Styrene
Concen: 36.699 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion:104 Resp: 117611
Ion Ratio Lower Upper
104 100
78 54.4 41.6 62.4
103 57.1 44.8 67.2





#71

Bromoform

Concen: 77.002 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MSD

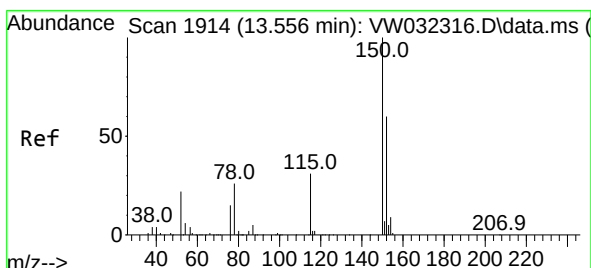
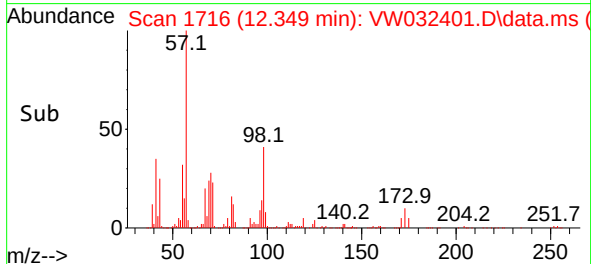
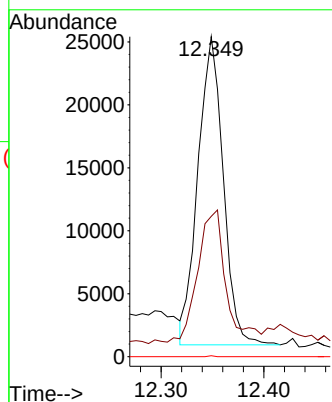
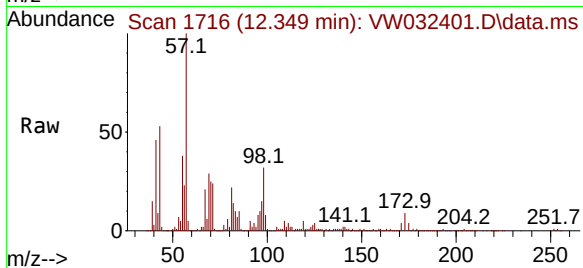
Tgt Ion:173 Resp: 41979

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.7

254 0.1 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: VW032401.D

Acq: 20 Oct 2025 19:42

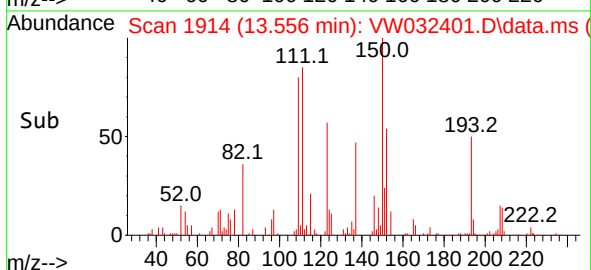
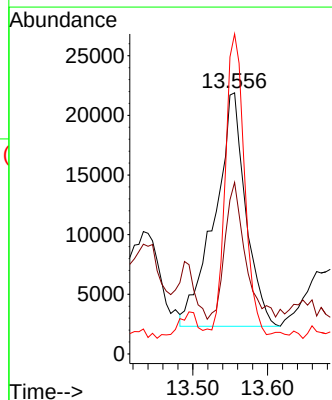
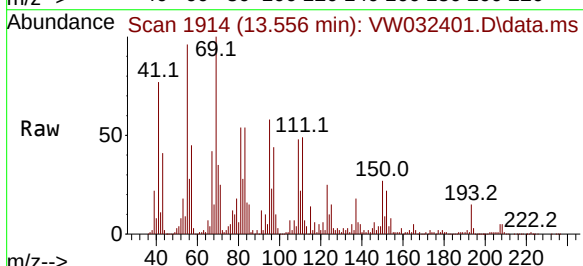
Tgt Ion:152 Resp: 56507

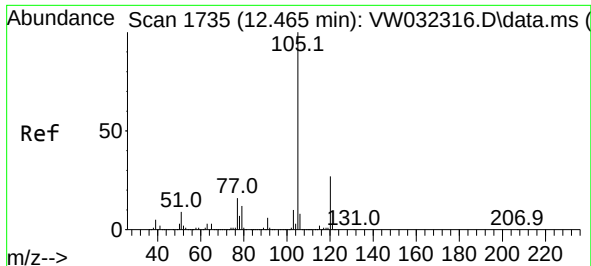
Ion Ratio Lower Upper

152 100

115 38.1 31.8 95.4

150 79.5 0.0 343.0

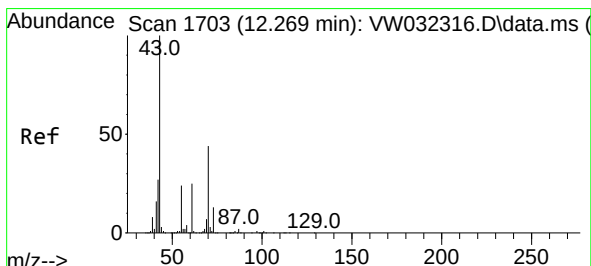
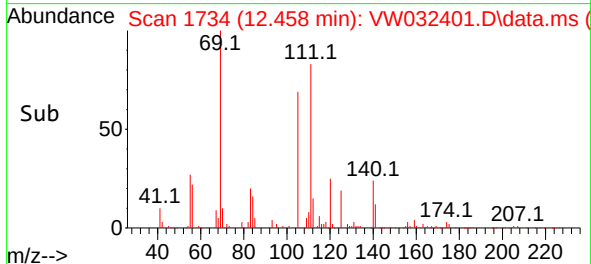
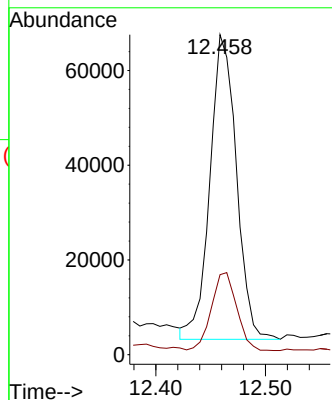
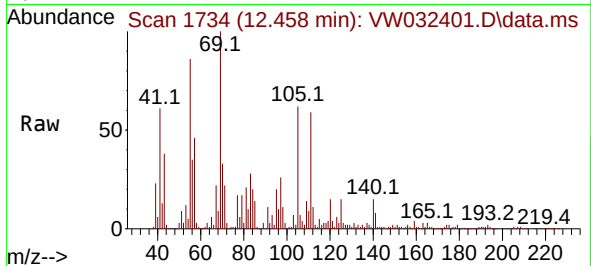




#73
Isopropylbenzene
Concen: 27.947 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

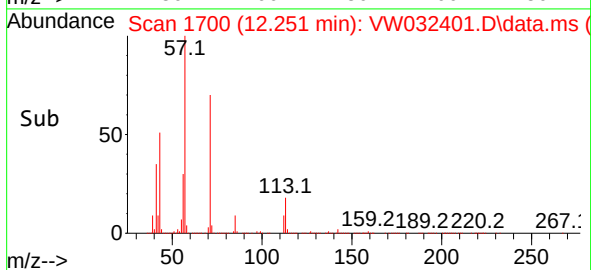
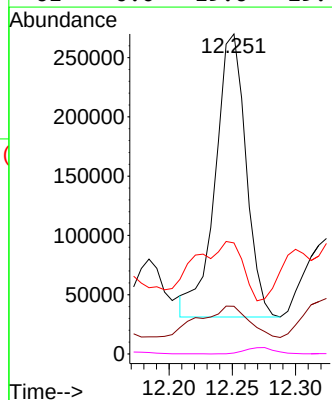
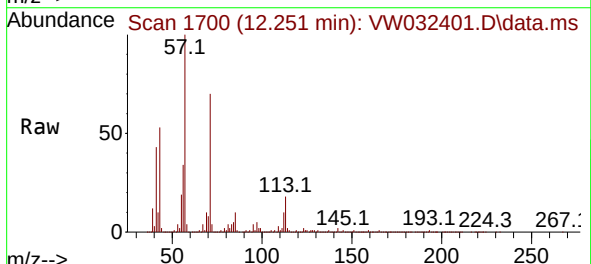
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

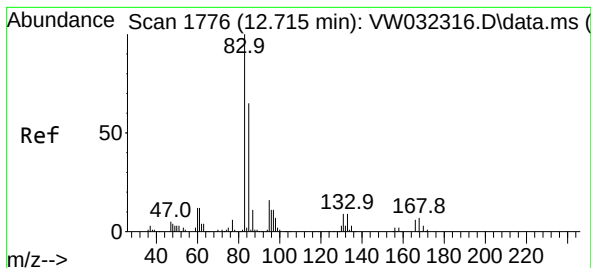
Tgt Ion:105 Resp: 108042
Ion Ratio Lower Upper
105 100
120 24.4 13.0 38.9



#74
N-ethyl acetate
Concen: 327.067 ug/l
RT: 12.251 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 43 Resp: 403370
Ion Ratio Lower Upper
43 100
70 21.1 35.3 52.9#
55 42.1 19.9 29.9#
61 0.0 19.6 29.4#

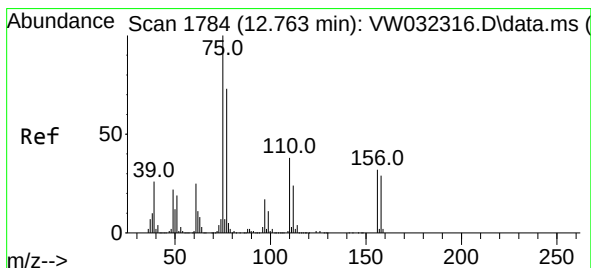
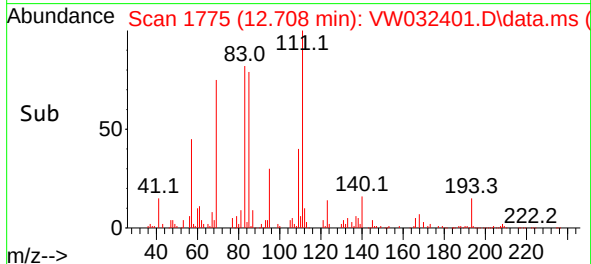
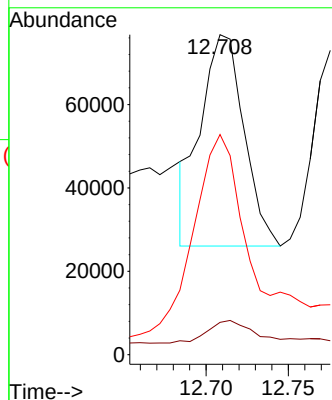
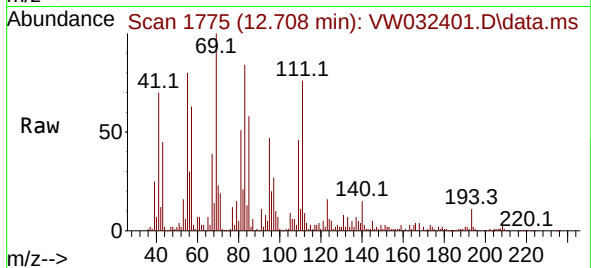




#75
1,1,2,2-Tetrachloroethane
Concen: 97.431 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

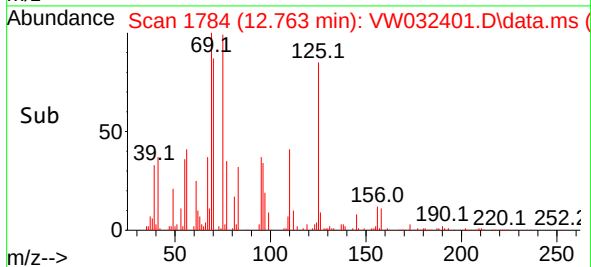
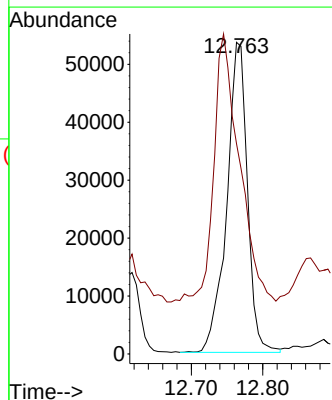
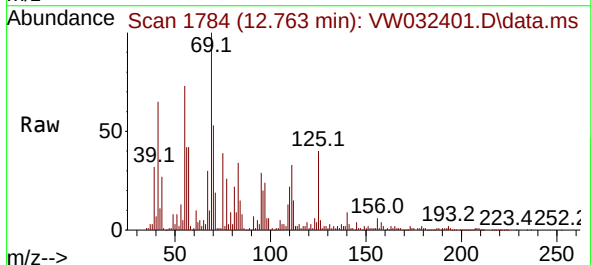
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

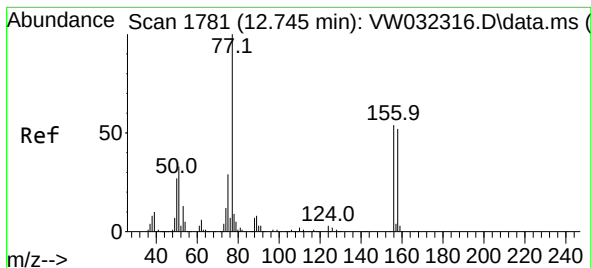
Tgt Ion: 83 Resp: 93525
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.4
85 137.6 32.2 96.6#



#76
1,2,3-Trichloropropane
Concen: 144.249 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 75 Resp: 107264
Ion Ratio Lower Upper
75 100
77 107.2 141.7 425.1#

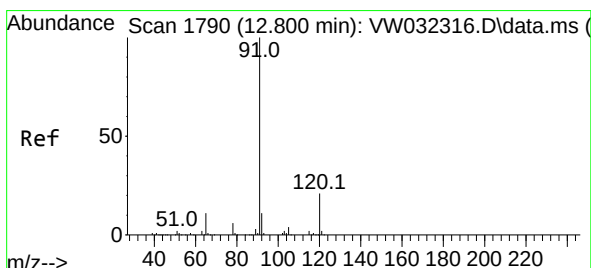
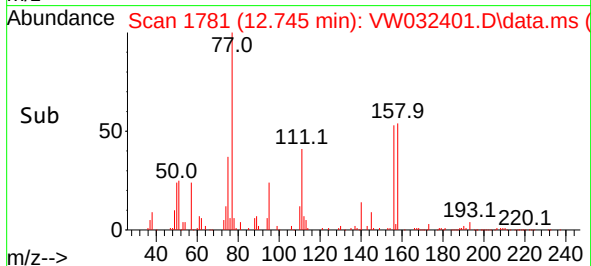
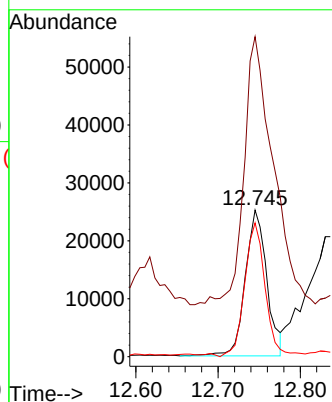
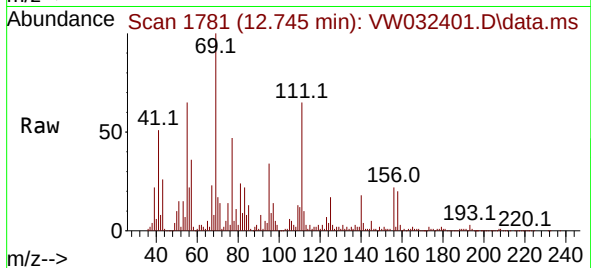




#77
Bromobenzene
Concen: 49.353 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

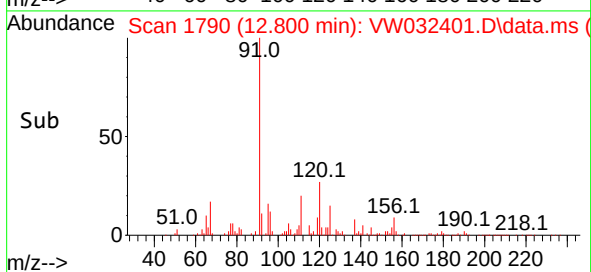
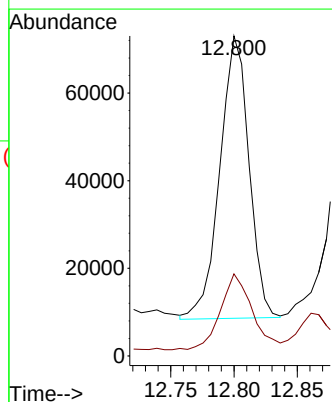
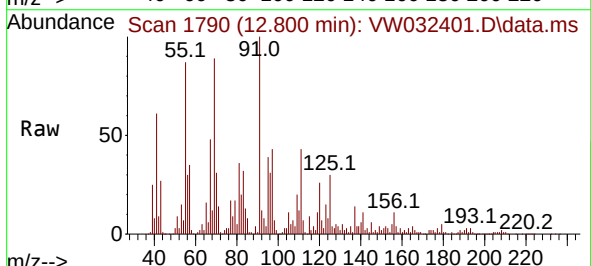
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

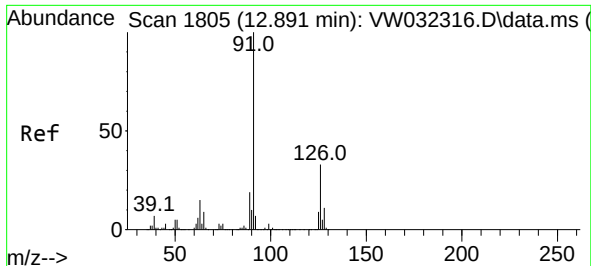
Tgt Ion:156 Resp: 45993
Ion Ratio Lower Upper
156 100
77 250.1 98.6 295.7
158 87.9 48.4 145.0



#78
n-propylbenzene
Concen: 21.366 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 91 Resp: 103177
Ion Ratio Lower Upper
91 100
120 29.3 11.8 35.4

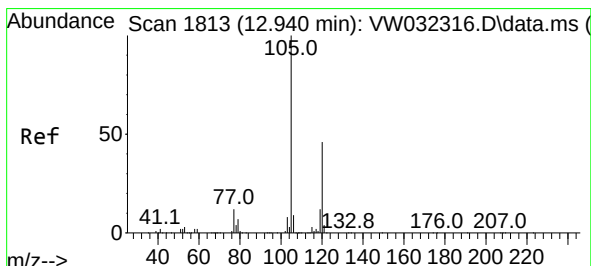
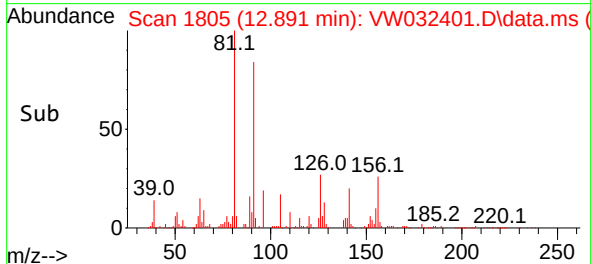
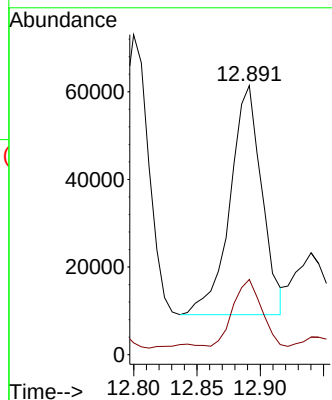
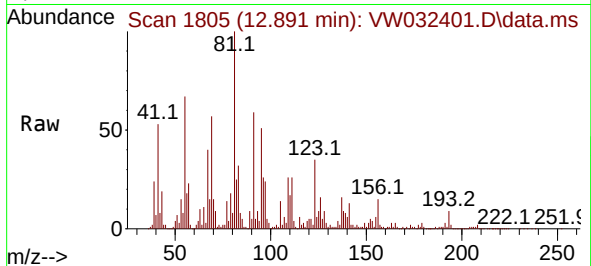




#79
2-Chlorotoluene
Concen: 31.091 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

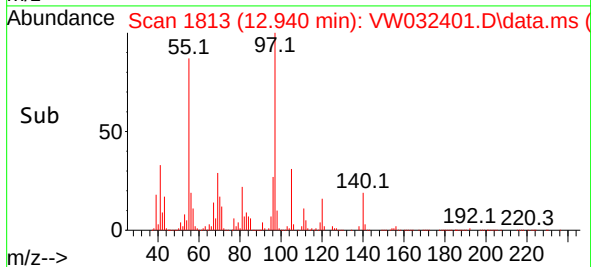
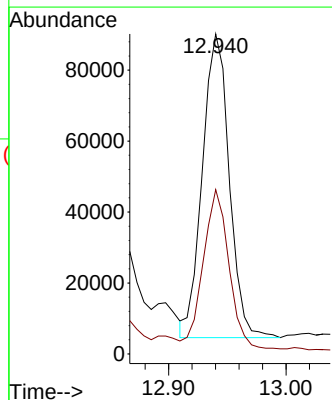
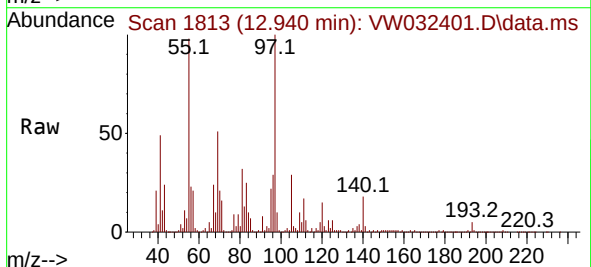
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MSD

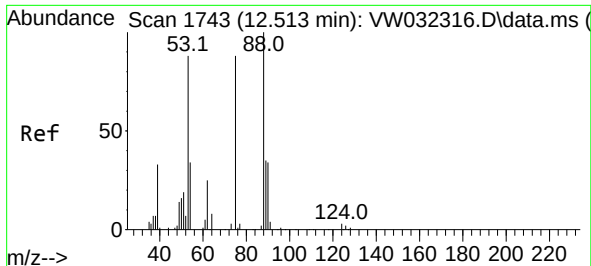
Tgt Ion: 91 Resp: 91803
Ion Ratio Lower Upper
91 100
126 25.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 40.661 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 105 Resp: 135924
Ion Ratio Lower Upper
105 100
120 50.0 24.8 74.4

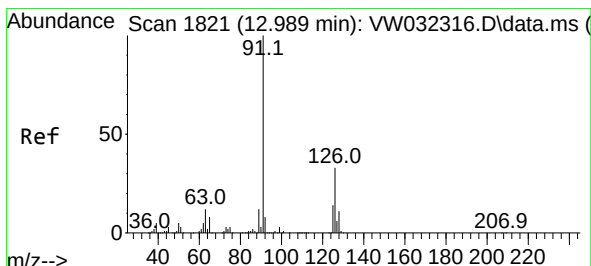
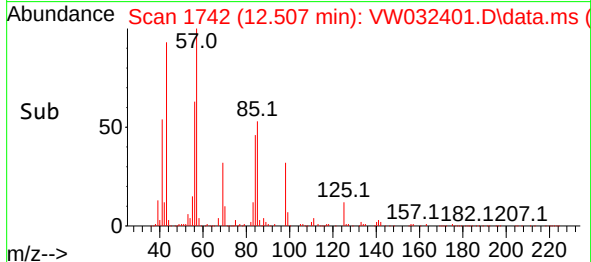
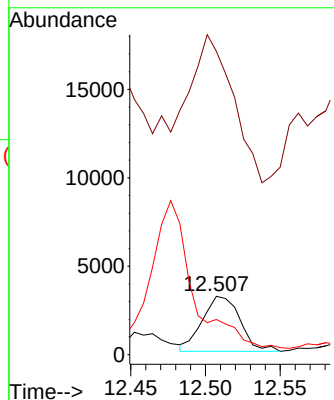
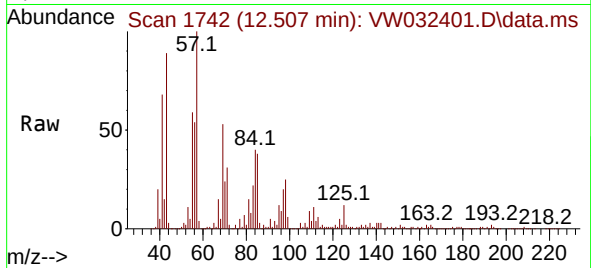




#81
trans-1,4-Dichloro-2-butene
Concen: 18.574 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

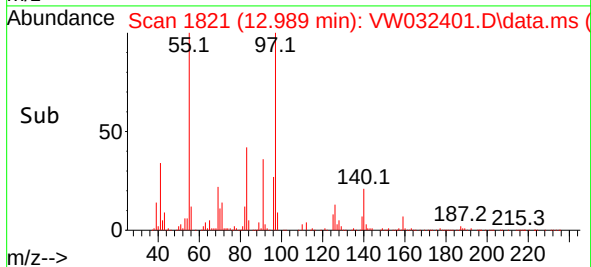
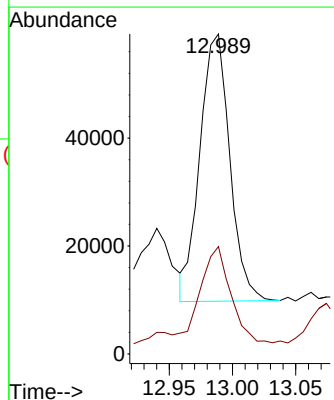
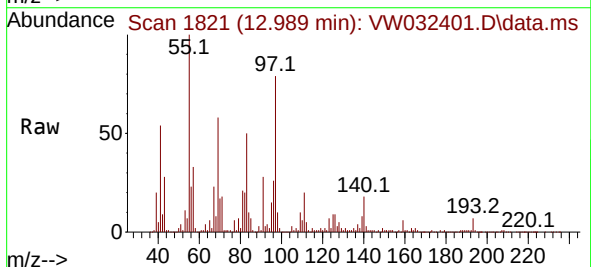
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

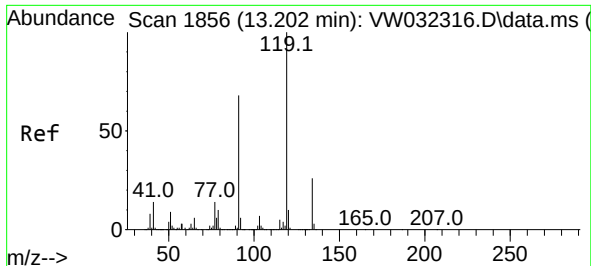
Tgt Ion: 75 Resp: 5452
Ion Ratio Lower Upper
75 100
53 313.7 91.0 136.6#
89 0.0 39.4 59.2#



#82
4-Chlorotoluene
Concen: 25.910 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 91 Resp: 81339
Ion Ratio Lower Upper
91 100
126 36.3 16.1 48.2

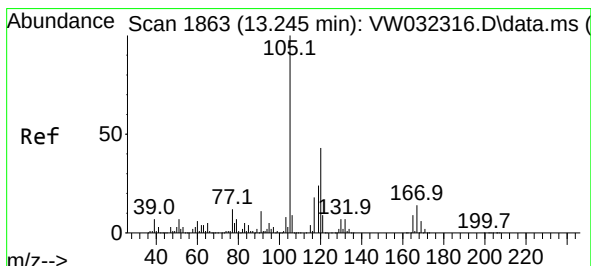
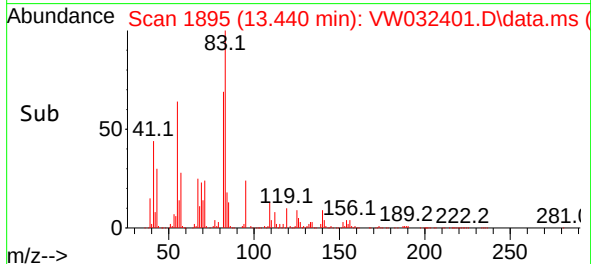
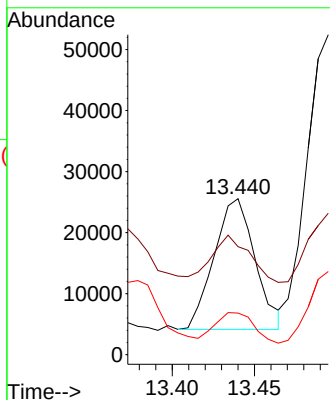
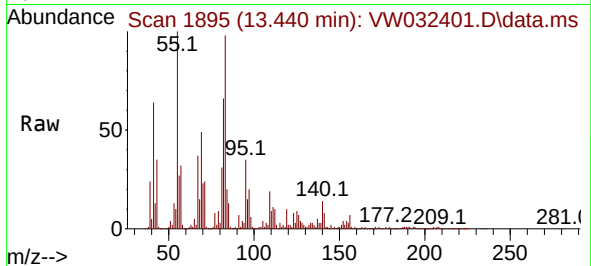




#83
 tert-Butylbenzene
 Concen: 13.542 ug/l
 RT: 13.440 min Scan# 1895
 Delta R.T. 0.238 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

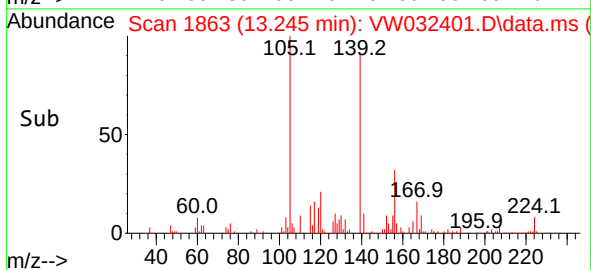
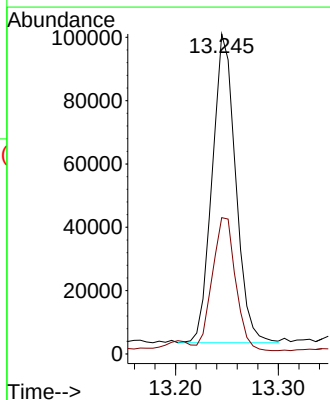
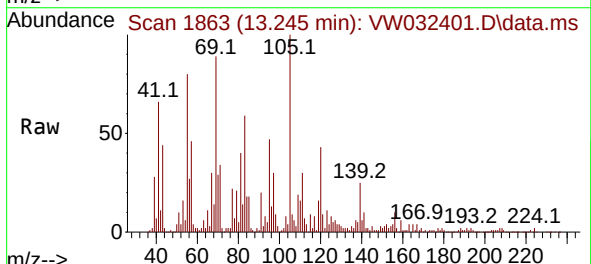
Instrument : MSVOA_W
 ClientSampleId : PR132-S07-000102-20251017MSD

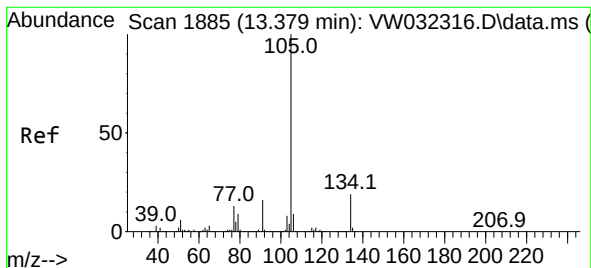
Tgt Ion:	119	Resp:	37144
Ion	Ratio	Lower	Upper
119	100		
91	34.2	33.8	101.3
134	22.5	12.5	37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.430 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion:	105	Resp:	154424
Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 26.405 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

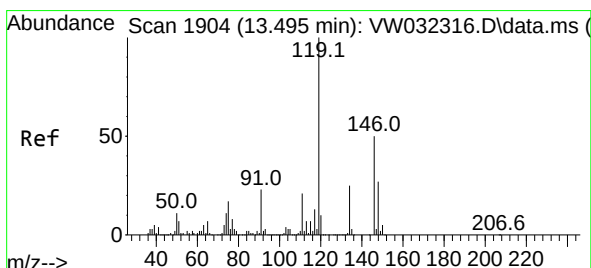
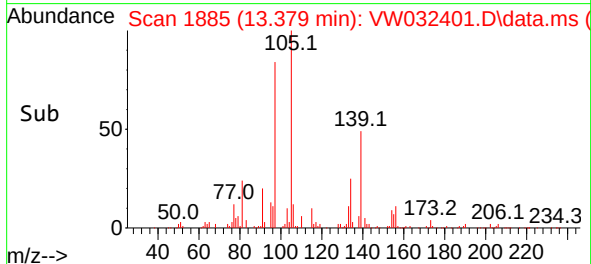
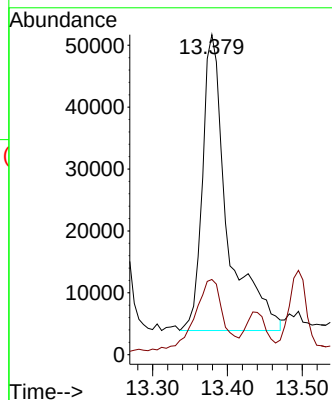
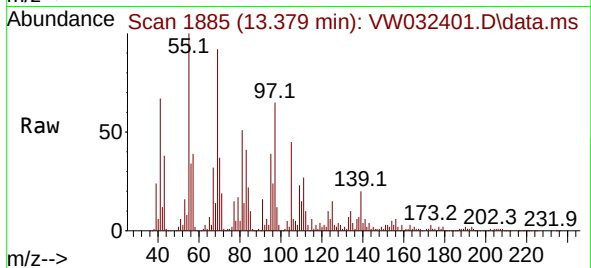
PR132-S07-000102-20251017MSD

Tgt Ion:105 Resp: 110678

Ion Ratio Lower Upper

105 100

134 27.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.891 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

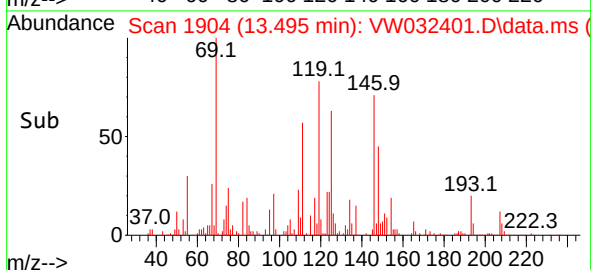
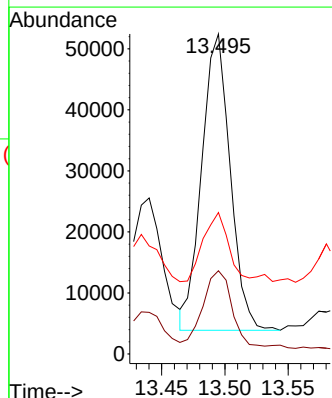
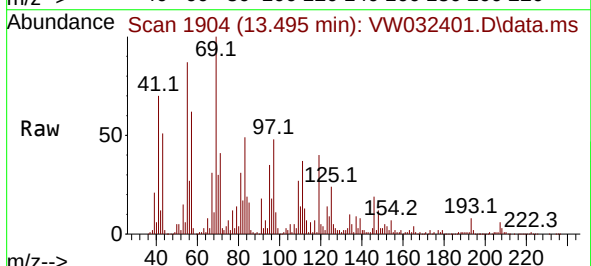
Tgt Ion:119 Resp: 76135

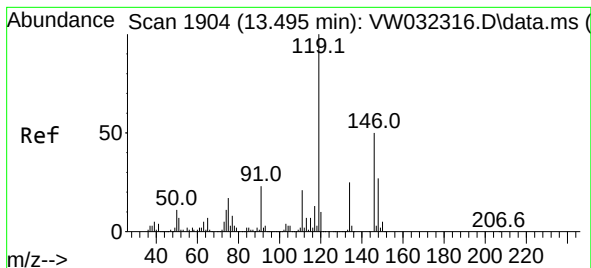
Ion Ratio Lower Upper

119 100

134 27.8 12.6 37.6

91 21.7 12.4 37.0

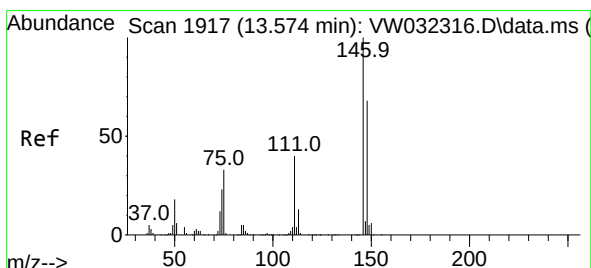
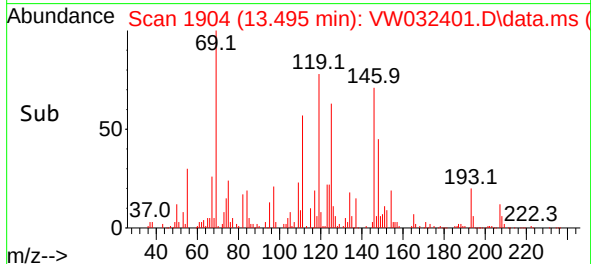
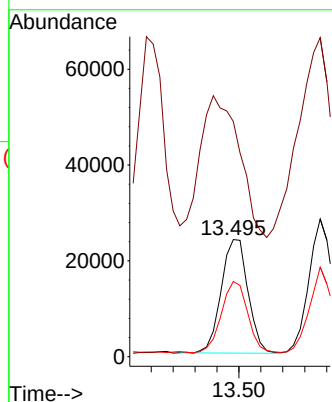
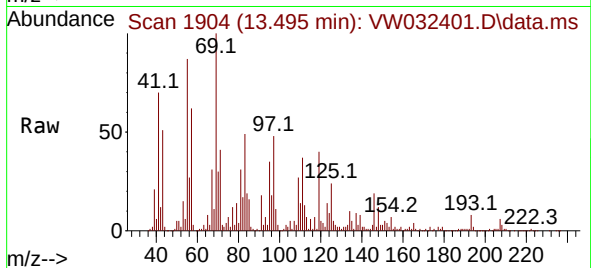




#87
 1,3-Dichlorobenzene
 Concen: 21.328 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

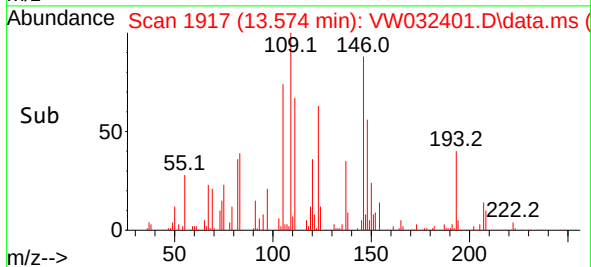
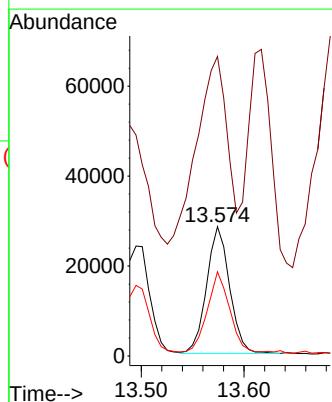
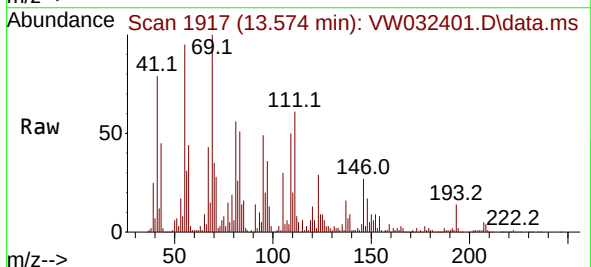
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MSD

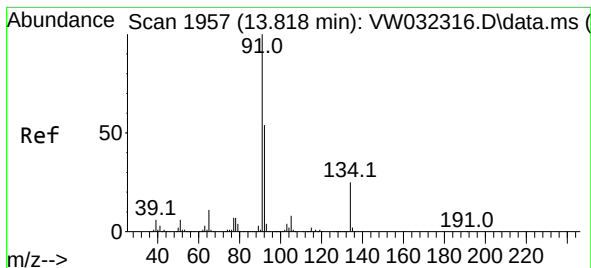
Tgt Ion:146 Resp: 40247
 Ion Ratio Lower Upper
 146 100
 111 181.2 20.6 61.9#
 148 62.3 30.6 92.0



#88
 1,4-Dichlorobenzene
 Concen: 23.253 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW032401.D
 Acq: 20 Oct 2025 19:42

Tgt Ion:146 Resp: 43876
 Ion Ratio Lower Upper
 146 100
 111 236.5 21.3 63.7#
 148 63.5 33.4 100.1





#89

n-Butylbenzene

Concen: 12.138 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

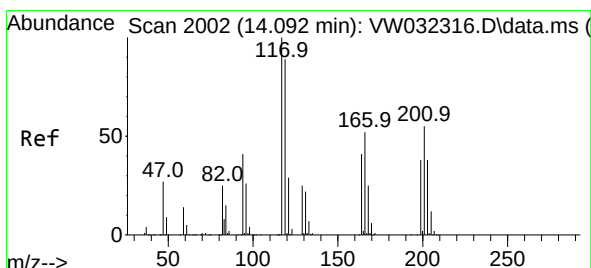
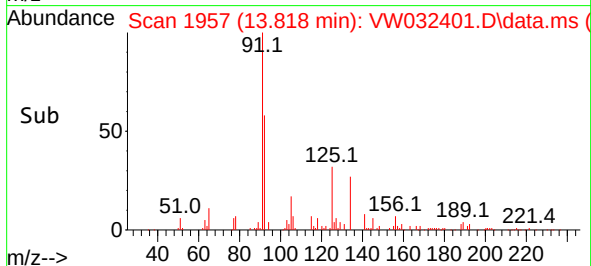
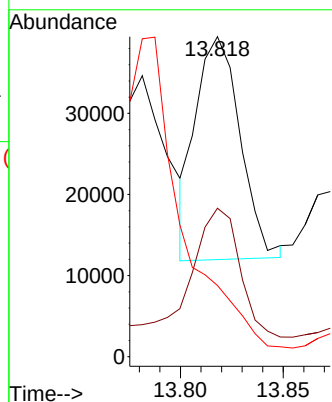
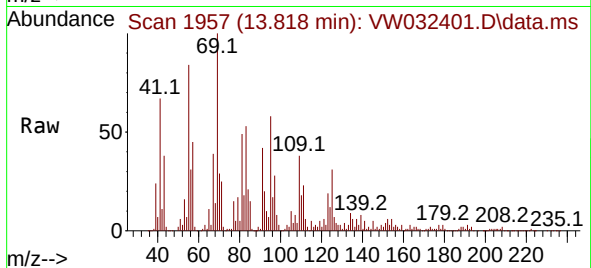
Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MSD

Tgt Ion: 91	Resp:	41218
Ion Ratio	Lower	Upper
91	100	
92	64.6	27.0 81.0
134	0.0	13.1 39.3



#90

Hexachloroethane

Concen: 26.385 ug/l

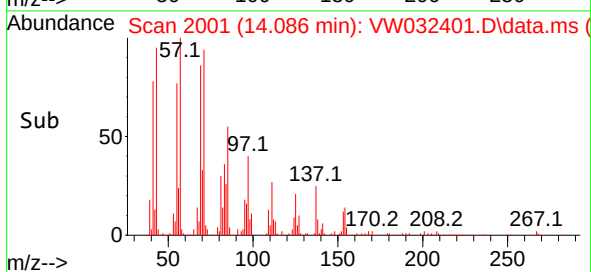
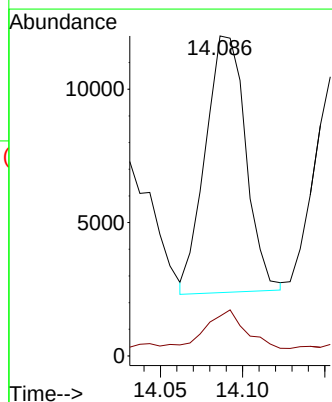
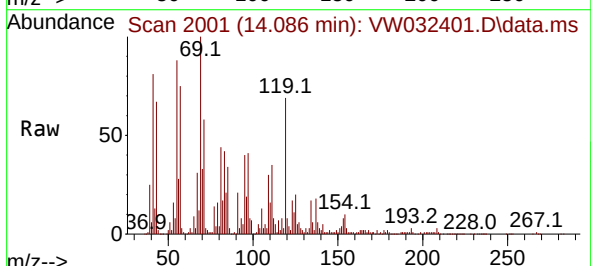
RT: 14.086 min Scan# 2001

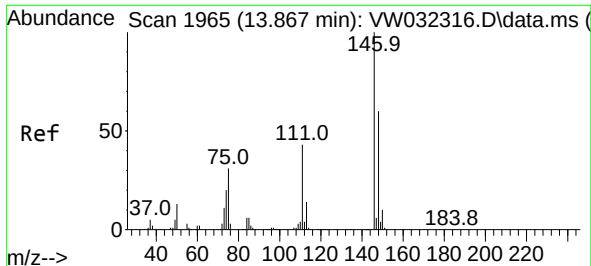
Delta R.T. 0.000 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Tgt Ion: 117	Resp:	16448
Ion Ratio	Lower	Upper
117	100	
201	14.0	32.8 98.4

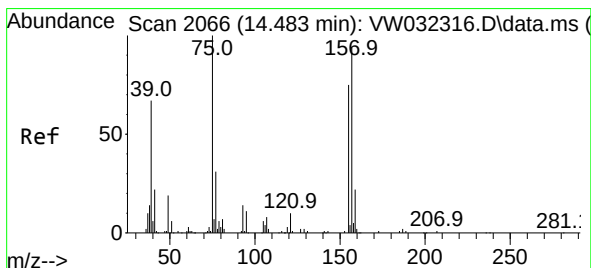
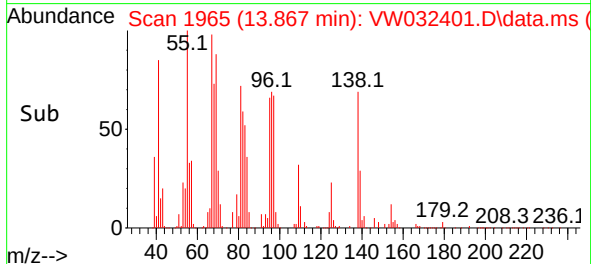
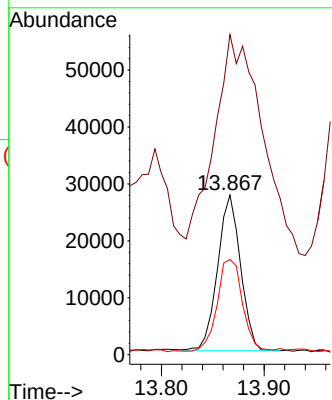
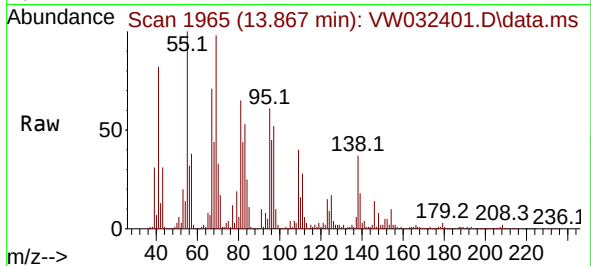




#91
1,2-Dichlorobenzene
Concen: 24.780 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

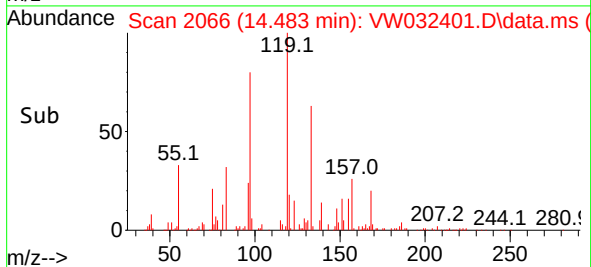
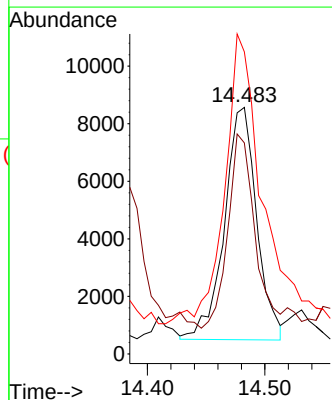
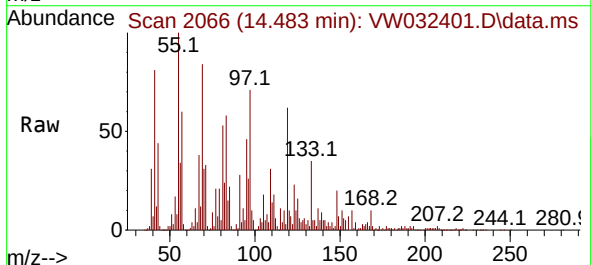
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MSD

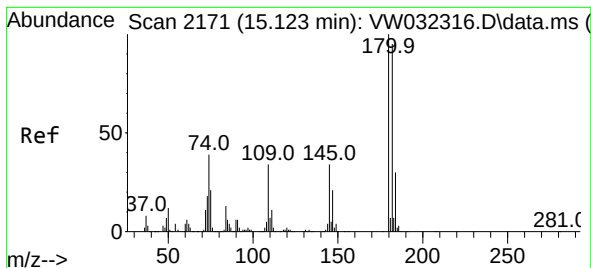
Tgt Ion:146 Resp: 42271
Ion Ratio Lower Upper
146 100
111 299.2 23.4 70.0#
148 64.9 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 91.774 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032401.D
Acq: 20 Oct 2025 19:42

Tgt Ion: 75 Resp: 15424
Ion Ratio Lower Upper
75 100
155 72.7 40.8 122.5
157 147.2 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 16.728 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032401.D

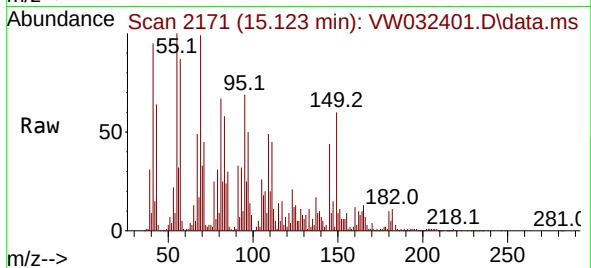
Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MSD



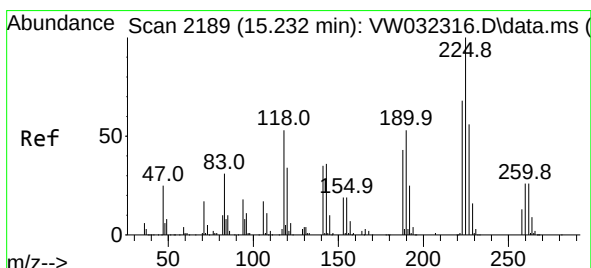
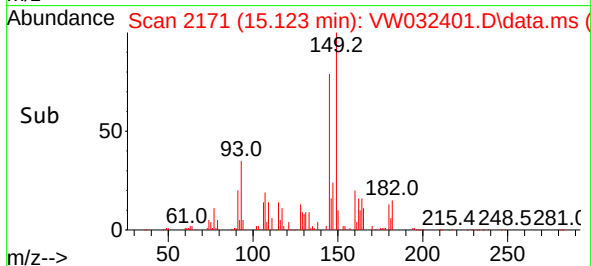
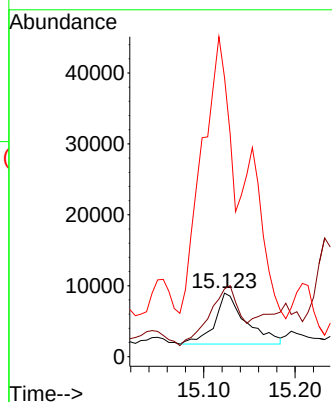
Tgt Ion:180 Resp: 17111

Ion Ratio Lower Upper

180 100

182 112.5 47.4 142.2

145 570.0 16.4 49.1#



#94

Hexachlorobutadiene

Concen: 5.810 ug/l

RT: 15.220 min Scan# 2187

Delta R.T. -0.006 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

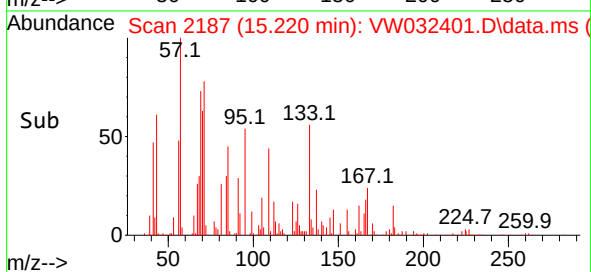
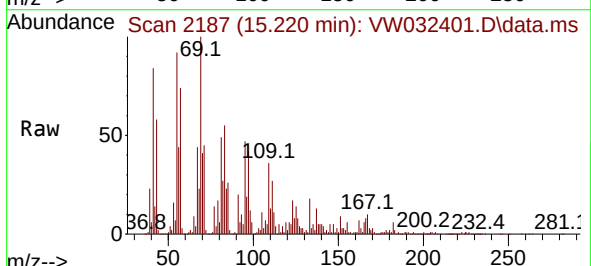
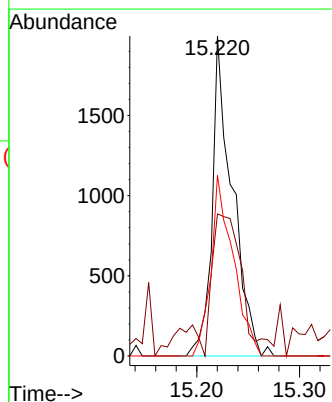
Tgt Ion:225 Resp: 2717

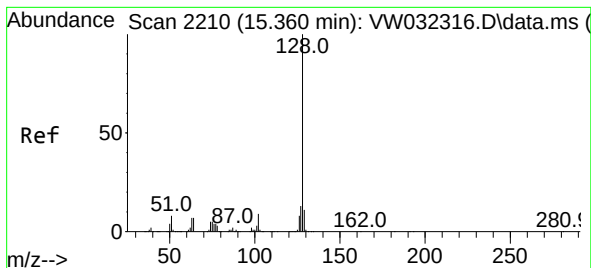
Ion Ratio Lower Upper

225 100

223 64.7 29.8 89.3

227 62.4 30.5 91.5





#95

Naphthalene

Concen: 83.105 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032401.D

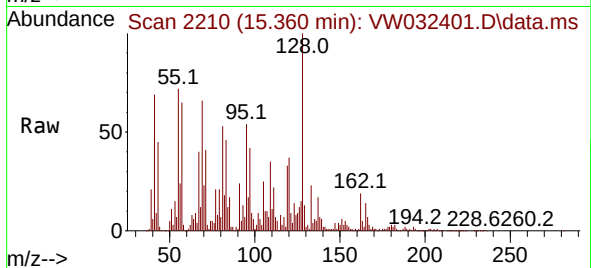
Acq: 20 Oct 2025 19:42

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MSD



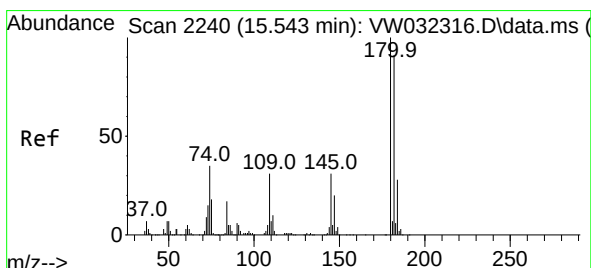
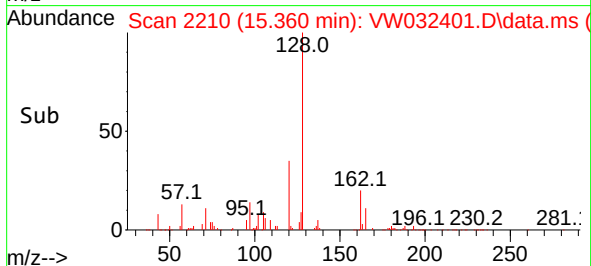
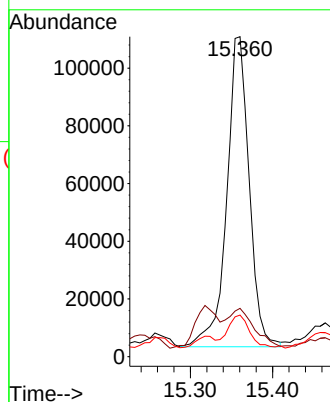
Tgt Ion:128 Resp: 204142

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 13.081 ug/l

RT: 15.562 min Scan# 2243

Delta R.T. 0.018 min

Lab File: VW032401.D

Acq: 20 Oct 2025 19:42

Tgt Ion:180 Resp: 12612

Ion Ratio Lower Upper

180 100

182 108.2 47.7 143.1

145 564.8 17.2 51.6#

