

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032400.D
 Acq On : 20 Oct 2025 19:20
 Operator : SY/MD
 Sample : Q3395-03MS
 Misc : 5.52g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 21 01:34:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	125839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	270130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	141965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	54387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128979	70.271	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 140.540%	
35) Dibromofluoromethane	7.898	113	95553	54.621	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 109.240%	
50) Toluene-d8	10.325	98	265737	41.157	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 82.320%	
62) 4-Bromofluorobenzene	12.611	95	87937	36.034	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 72.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	45844	58.056	ug/l	95
3) Chloromethane	2.253	50	66428	54.518	ug/l	100
4) Vinyl Chloride	2.405	62	90894	62.485	ug/l	97
5) Bromomethane	2.826	94	36633	34.269	ug/l	94
6) Chloroethane	2.972	64	62395	64.968	ug/l	100
7) Trichlorofluoromethane	3.308	101	60781	55.806	ug/l	94
8) Diethyl Ether	3.722	74	70513	74.713	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.106	101	42872	32.818	ug/l	93
10) Methyl Iodide	4.308	142	36506	19.585	ug/l	99
11) Tert butyl alcohol	5.222	59	62567	450.349	ug/l	98
12) 1,1-Dichloroethene	4.082	96	86127	60.728	ug/l	93
13) Acrolein	3.942	56	2446	10.848	ug/l	99
14) Allyl chloride	4.704	41	119614	49.934	ug/l #	84
15) Acrylonitrile	5.405	53	209078	425.830	ug/l	98
16) Acetone	4.161	43	455205	895.684	ug/l	98
17) Carbon Disulfide	4.423	76	177025	45.747	ug/l	99
18) Methyl Acetate	4.710	43	530691	364.524	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	235222	84.208	ug/l	92
20) Methylene Chloride	4.960	84	121609	74.952	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	81060	51.625	ug/l	96
22) Diisopropyl ether	6.344	45	327878	65.815	ug/l #	87
23) Vinyl Acetate	6.344	43	190214	57.164	ug/l #	73
24) 1,1-Dichloroethane	6.246	63	199309	65.851	ug/l	97
25) 2-Butanone	7.197	43	420004	606.793	ug/l	98
26) 2,2-Dichloropropane	7.191	77	88152	56.939	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	117042	62.048	ug/l	97
28) Bromochloromethane	7.533	49	91846	64.499	ug/l	93
29) Tetrahydrofuran	7.551	42	206513	474.432	ug/l	97
30) Chloroform	7.691	83	201913	65.780	ug/l	99
31) Cyclohexane	7.972	56	64422	24.932	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	112676	51.802	ug/l	99
36) 1,1-Dichloropropene	8.100	75	89641	36.308	ug/l	98
37) Ethyl Acetate	7.270	43	33154	20.175	ug/l #	81
38) Carbon Tetrachloride	8.087	117	39913	17.179	ug/l	89
39) Methylcyclohexane	9.343	83	218230	73.280	ug/l	94
40) Benzene	8.337	78	407225	52.622	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	70692	79.822	ug/l	94
42) 1,2-Dichloroethane	8.410	62	153020	60.431	ug/l	96
43) Isopropyl Acetate	8.435	43	102644	35.210	ug/l	94
44) Trichloroethene	9.105	130	77333	42.678	ug/l	88
45) 1,2-Dichloropropane	9.374	63	100743	52.155	ug/l	94
46) Dibromomethane	9.465	93	67232	56.603	ug/l	97
47) Bromodichloromethane	9.654	83	139358	51.296	ug/l	97
48) Methyl methacrylate	9.441	41	135368	95.505	ug/l #	85
49) 1,4-Dioxane	9.465	88	26309	1620.540	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	674877	399.689	ug/l	100
52) Toluene	10.392	92	163071	33.838	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	63668	24.156	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	56671	18.666	ug/l #	87
55) 1,1,2-Trichloroethane	10.764	97	202376	127.482	ug/l #	27
56) Ethyl methacrylate	10.648	69	188573	84.867	ug/l #	84
57) 1,3-Dichloropropane	10.934	76	155221	55.361	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	419375	354.640	ug/l	97
59) 2-Hexanone	10.971	43	388390	326.137	ug/l	84
60) Dibromochloromethane	11.130	129	76028	42.178	ug/l	98
61) 1,2-Dibromoethane	11.239	107	77493	50.062	ug/l #	79
64) Tetrachloroethene	10.867	164	37362	43.982	ug/l	90
65) Chlorobenzene	11.660	112	149251	47.782	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	44768	46.016	ug/l	98
67) Ethyl Benzene	11.727	91	194676	37.390	ug/l	97
68) m/p-Xylenes	11.837	106	149045	74.236	ug/l	96
69) o-Xylene	12.166	106	96813	51.563	ug/l	88
70) Styrene	12.178	104	118500	36.149	ug/l	94
71) Bromoform	12.349	173	37573	67.377	ug/l #	94
73) Isopropylbenzene	12.465	105	123721	33.250	ug/l	100
74) N-amyl acetate	12.251	43	424595	357.696	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.715	83	128863	139.478	ug/l	82
76) 1,2,3-Trichloropropane	12.763	75	93297	130.356	ug/l	27
77) Bromobenzene	12.745	156	42521	47.406	ug/l #	45
78) n-propylbenzene	12.800	91	127627	27.459	ug/l	98
79) 2-Chlorotoluene	12.891	91	104408	36.739	ug/l	89
80) 1,3,5-Trimethylbenzene	12.940	105	176191	54.761	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	3237	11.458	ug/l #	1
82) 4-Chlorotoluene	12.983	91	93543	30.960	ug/l	90
83) tert-Butylbenzene	13.202	119	59879	22.682	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	189380	57.886	ug/l	100
85) sec-Butylbenzene	13.379	105	105926	26.257	ug/l #	75
86) p-Isopropyltoluene	13.495	119	100262	29.952	ug/l	95
87) 1,3-Dichlorobenzene	13.495	146	44352	24.419	ug/l #	1
88) 1,4-Dichlorobenzene	13.574	146	46923	25.838	ug/l #	5
89) n-Butylbenzene	13.818	91	53644	16.413	ug/l #	73
90) Hexachloroethane	14.092	117	19680	32.800	ug/l #	30
91) 1,2-Dichlorobenzene	13.867	146	46595	28.380	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.483	75	14281	88.285	ug/l	89
93) 1,2,4-Trichlorobenzene	15.123	180	19822	20.134	ug/l #	1
94) Hexachlorobutadiene	15.226	225	3383	7.516	ug/l	89
95) Naphthalene	15.360	128	212612	89.927	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	16545	17.830	ug/l #	1

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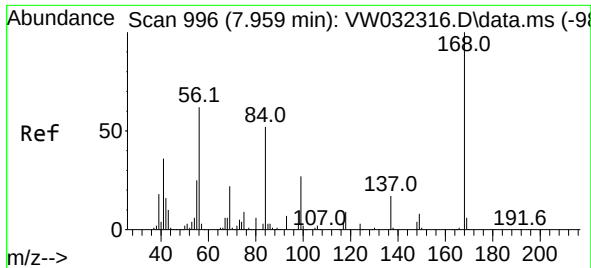
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QLast Update : Thu Oct 02 21:24:16 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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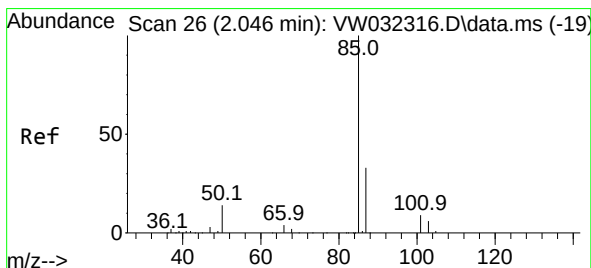
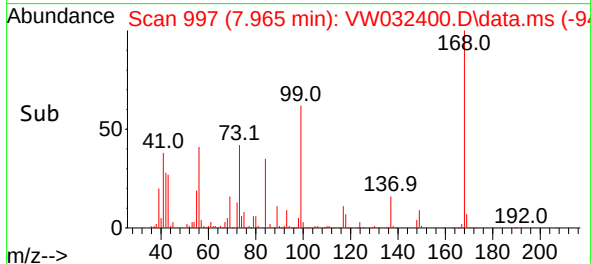
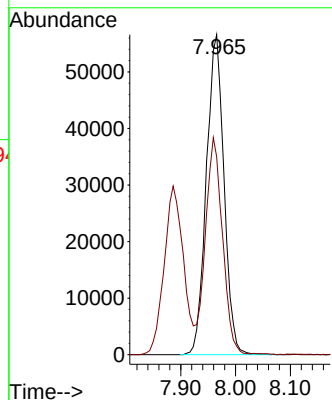
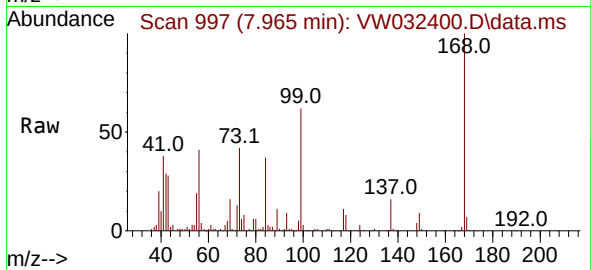




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032400.D
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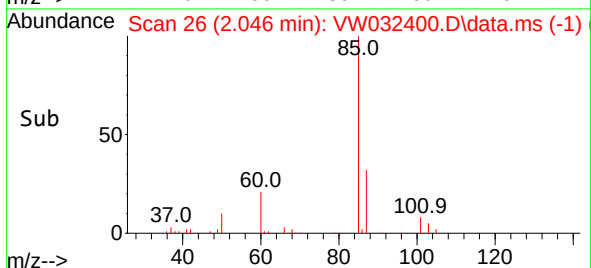
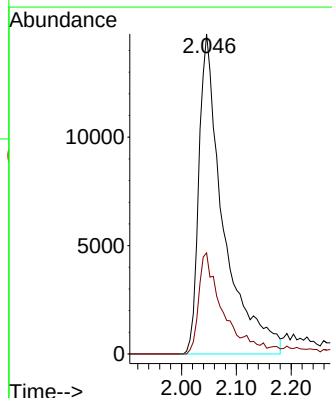
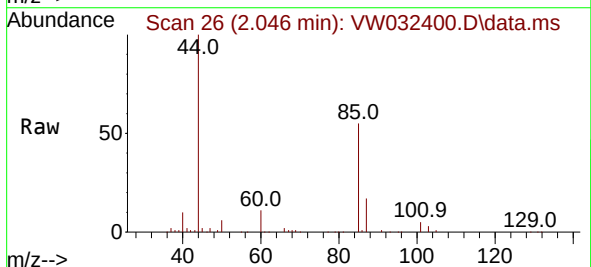
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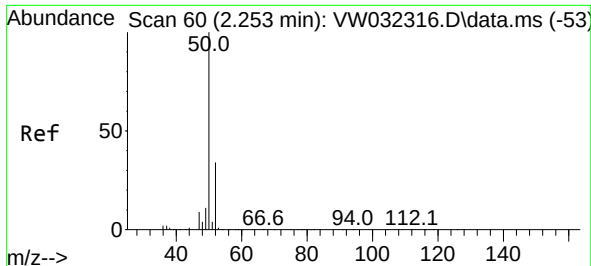
Tgt Ion:168 Resp: 125839
Ion Ratio Lower Upper
168 100
99 61.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 58.056 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 85 Resp: 45844
Ion Ratio Lower Upper
85 100
87 31.6 17.2 51.6

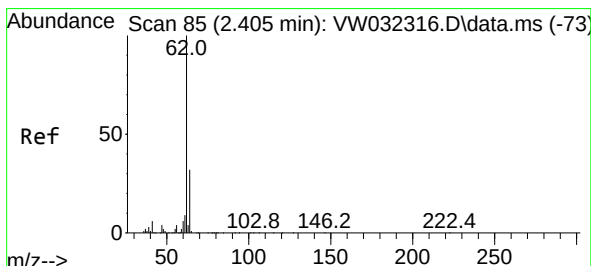
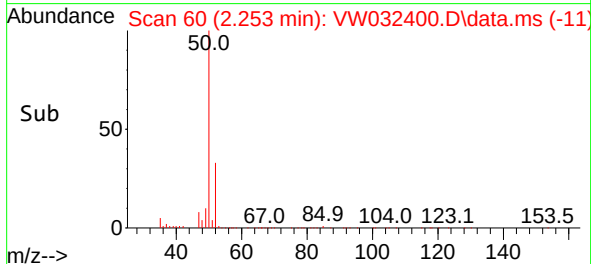
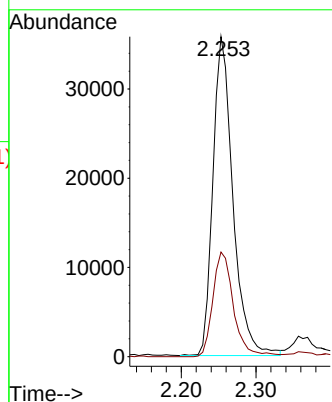
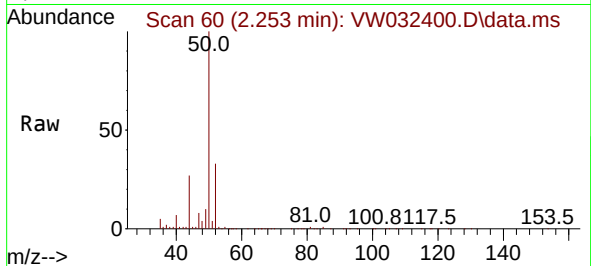




#3
Chloromethane
Concen: 54.518 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

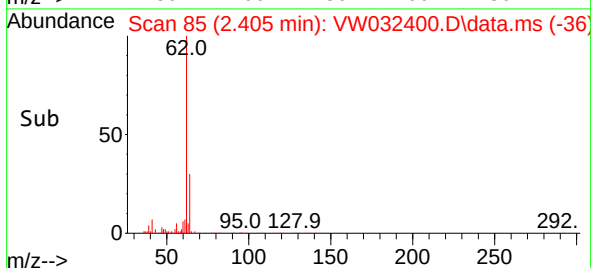
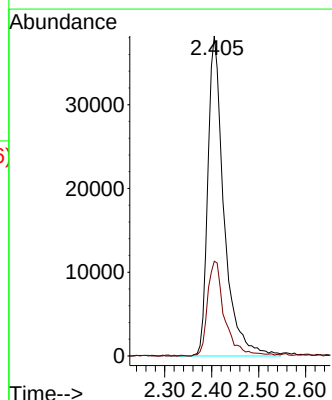
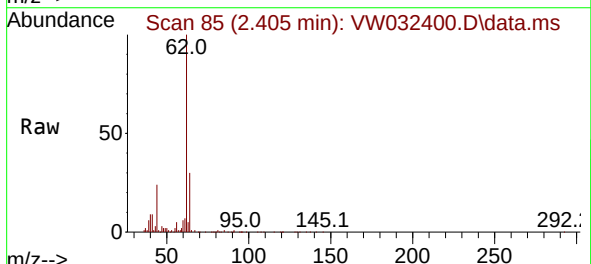
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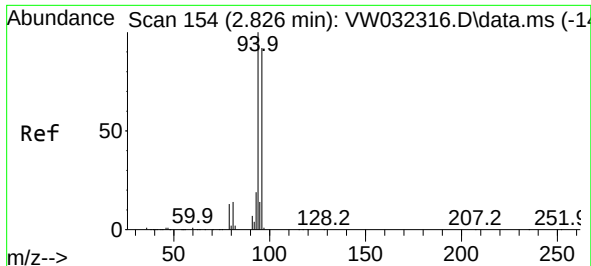
Tgt Ion: 50 Resp: 66428
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1



#4
Vinyl Chloride
Concen: 62.485 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 62 Resp: 90894
Ion Ratio Lower Upper
62 100
64 29.4 24.8 37.2

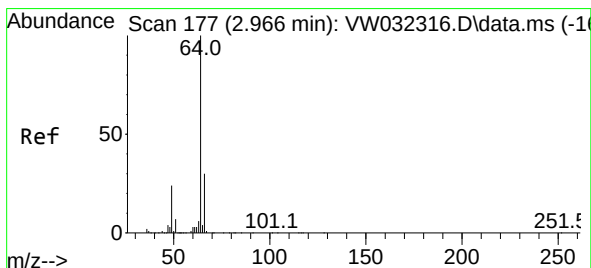
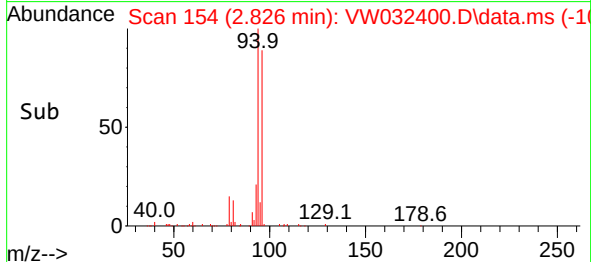
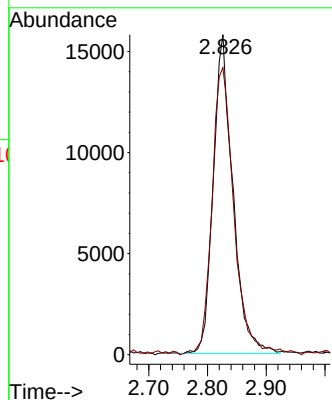
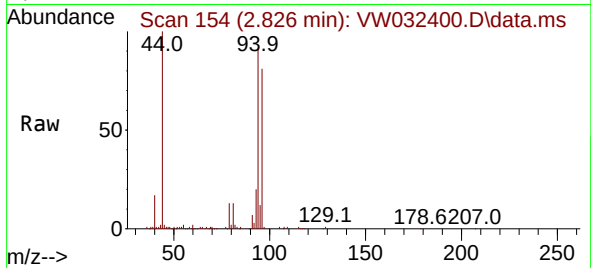




#5
Bromomethane
Concen: 34.269 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

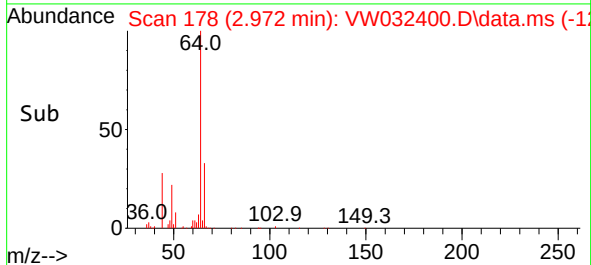
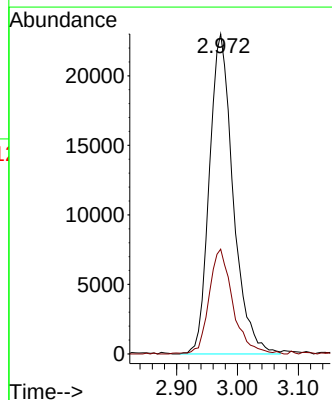
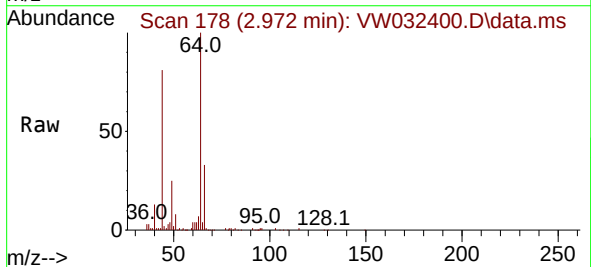
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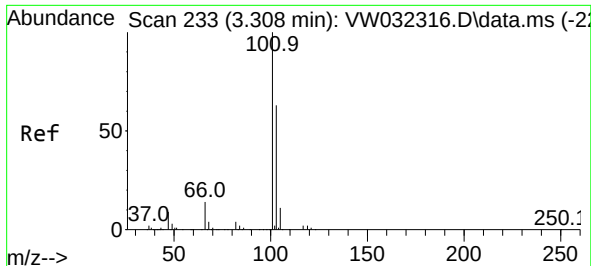
Tgt Ion: 94 Resp: 36633
Ion Ratio Lower Upper
94 100
96 90.0 76.6 115.0



#6
Chloroethane
Concen: 64.968 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032400.D
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Tgt Ion: 64 Resp: 62395
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

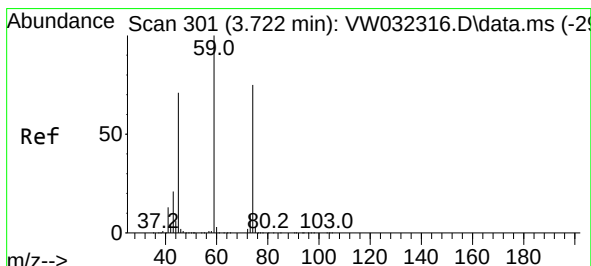
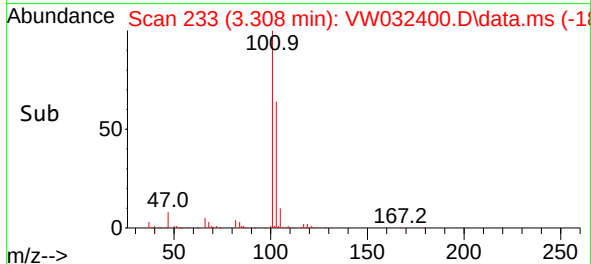
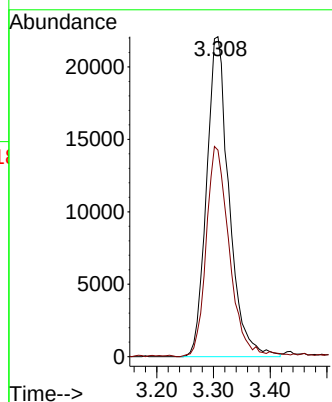
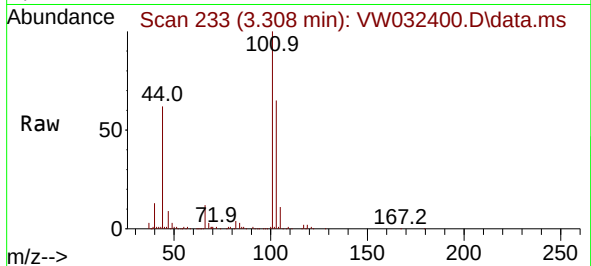




#7
 Trichlorofluoromethane
 Concen: 55.806 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

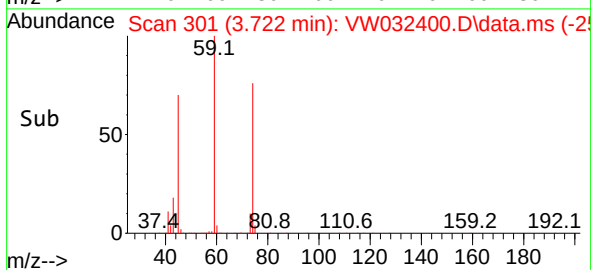
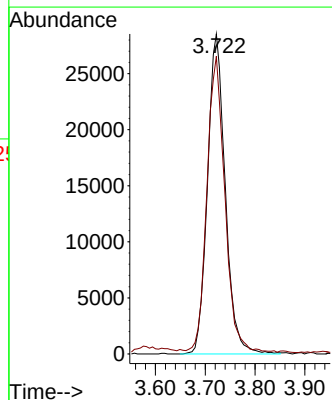
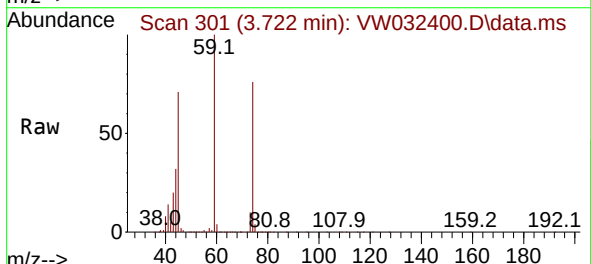
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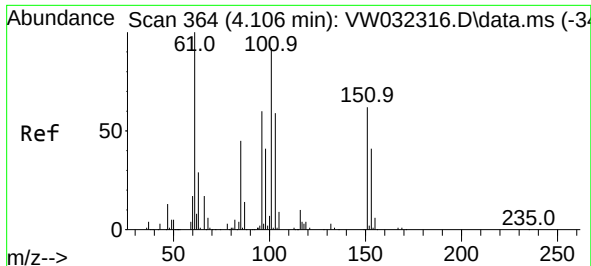
Tgt Ion:101 Resp: 60781
 Ion Ratio Lower Upper
 101 100
 103 64.5 47.8 71.8



#8
 Diethyl Ether
 Concen: 74.713 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 70513
 Ion Ratio Lower Upper
 74 100
 45 93.7 43.1 129.4

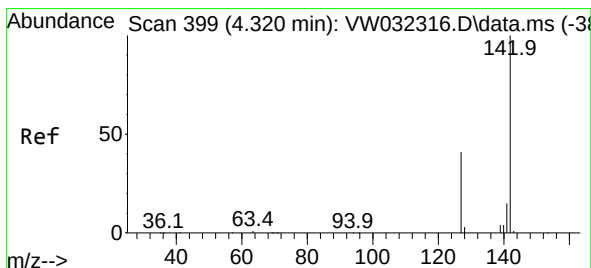
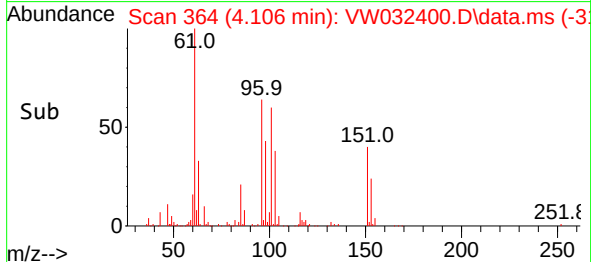
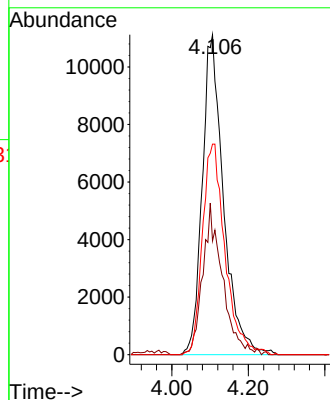
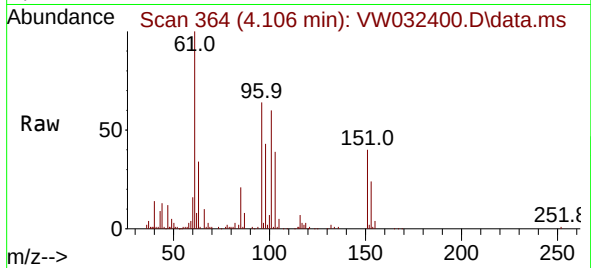




#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.818 ug/l
RT: 4.106 min Scan# 307
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

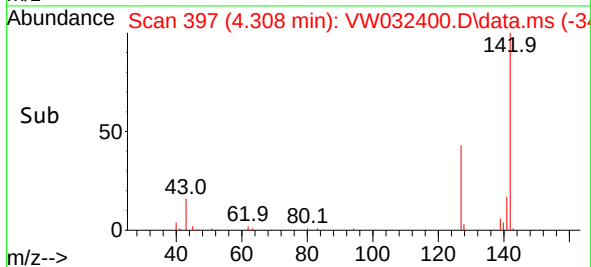
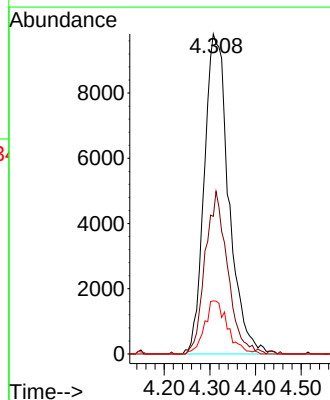
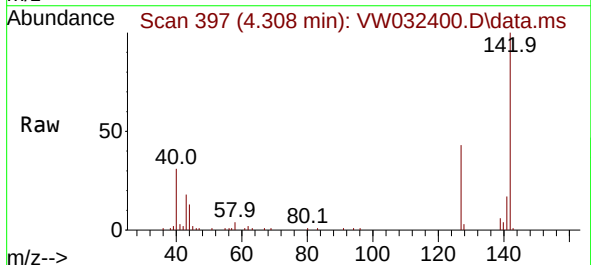
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

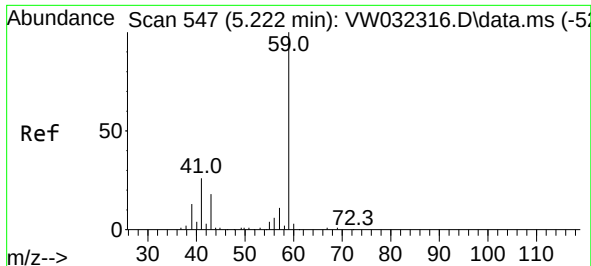
Tgt Ion:101 Resp: 42872
Ion Ratio Lower Upper
101 100
85 43.5 37.1 55.7
151 70.0 61.5 92.3



#10
Methyl Iodide
Concen: 19.585 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:142 Resp: 36506
Ion Ratio Lower Upper
142 100
127 46.7 38.2 57.2
141 15.8 12.2 18.2

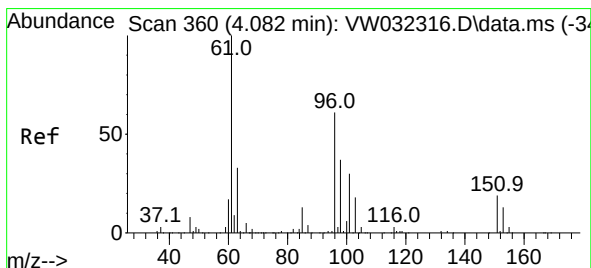
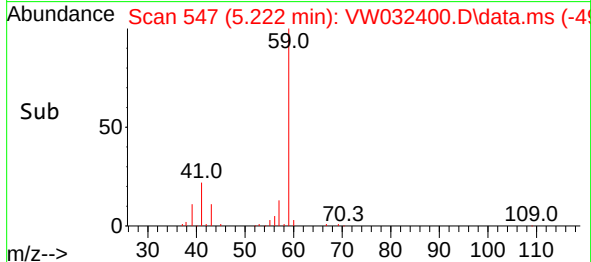
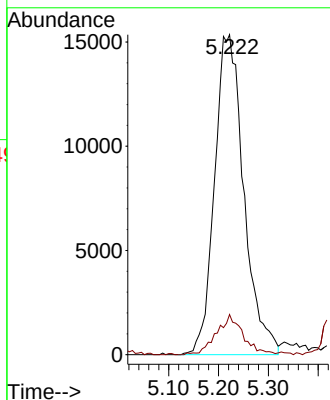
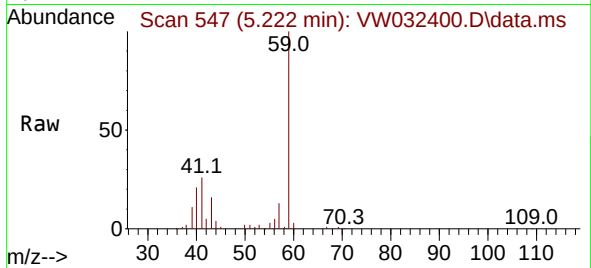




#11
Tert butyl alcohol
Concen: 450.349 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

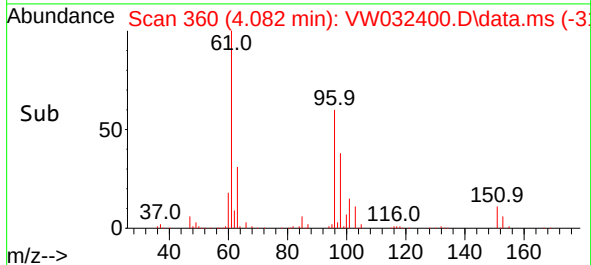
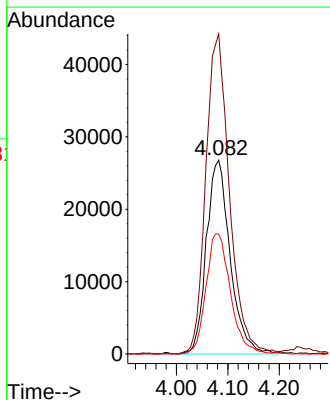
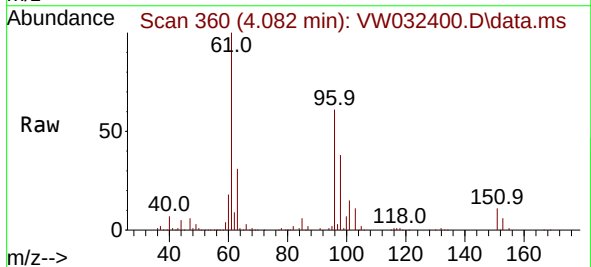
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

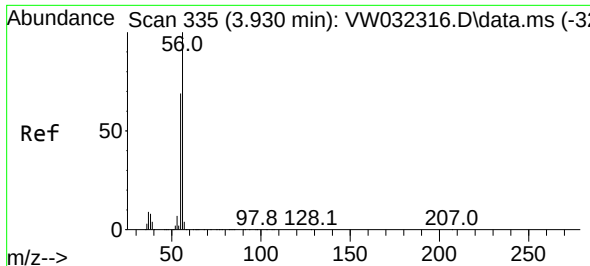
Tgt Ion: 59 Resp: 62567
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 60.728 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 96 Resp: 86127
Ion Ratio Lower Upper
96 100
61 165.1 123.0 184.4
98 61.9 48.5 72.7

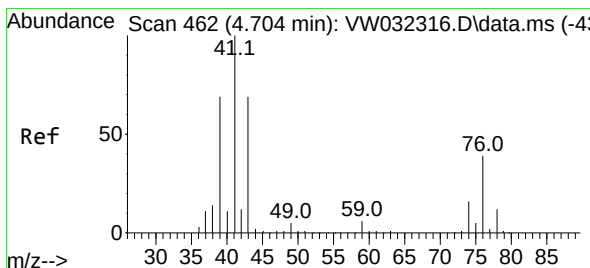
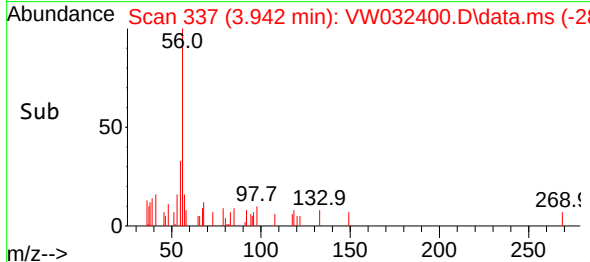
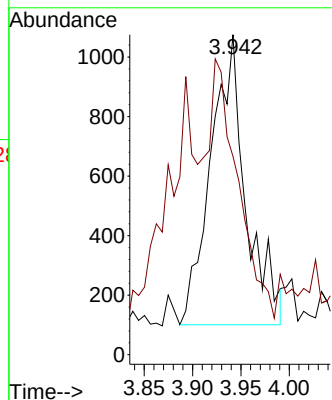
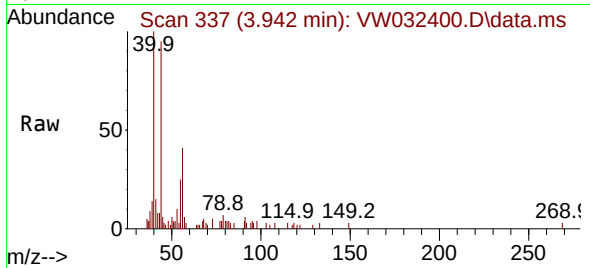




#13
Acrolein
Concen: 10.848 ug/l
RT: 3.942 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

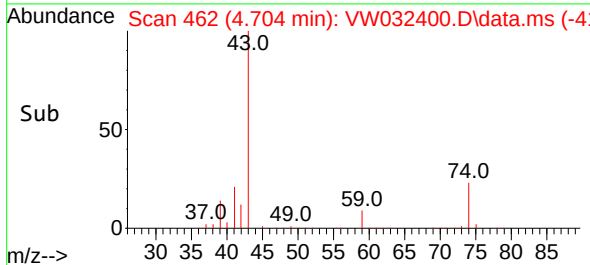
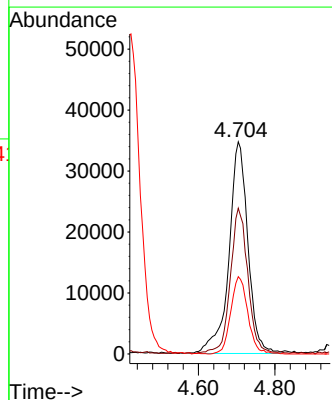
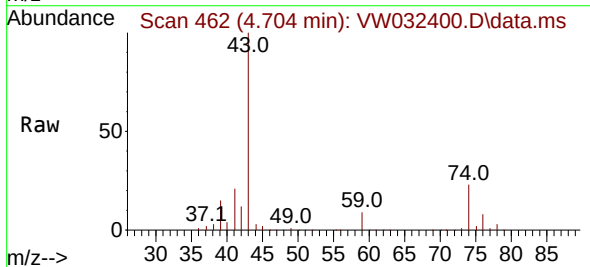
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

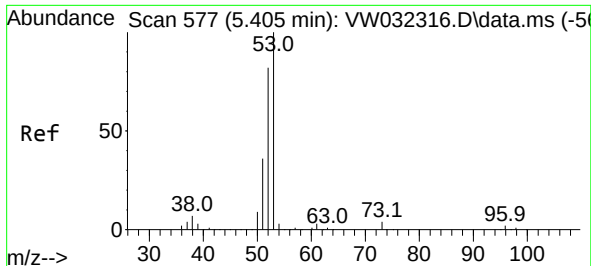
Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
55 71.4 56.4 84.6



#14
Allyl chloride
Concen: 49.934 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 41 Resp: 119614
Ion Ratio Lower Upper
41 100
39 63.2 64.1 96.1#
76 32.9 31.4 47.2

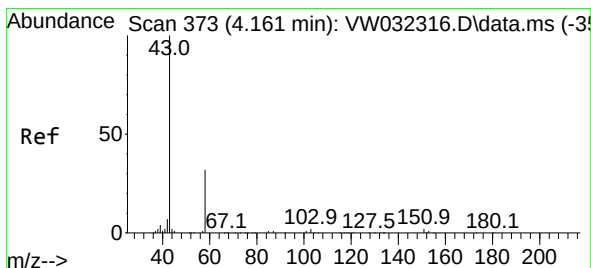
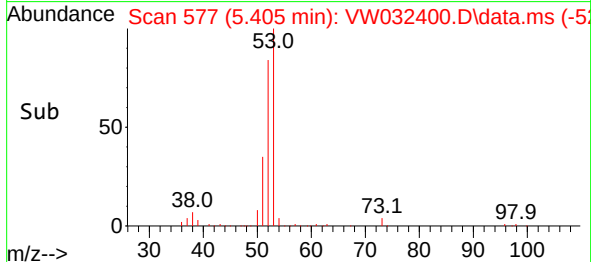
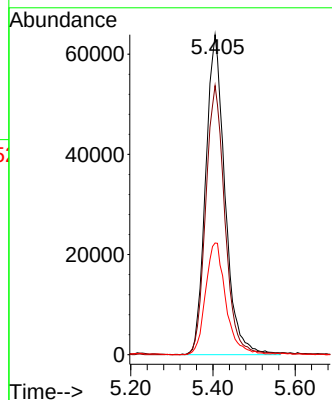
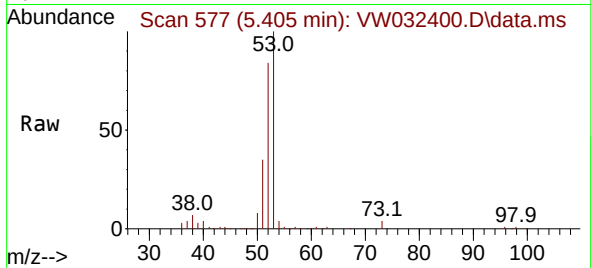




#15
Acrylonitrile
Concen: 425.830 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

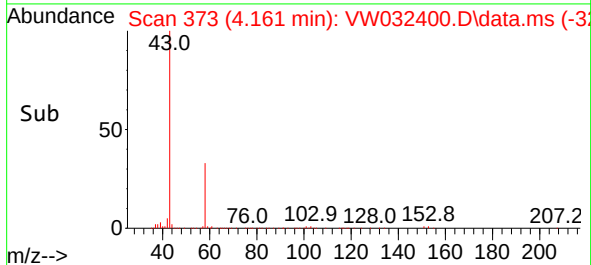
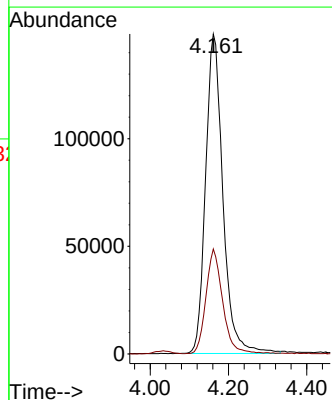
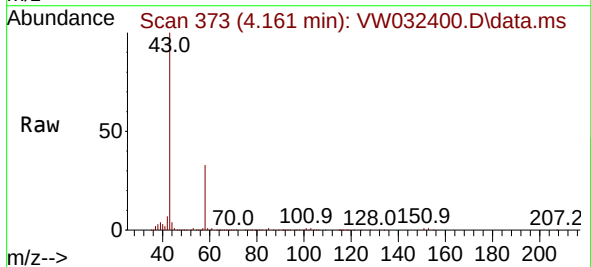
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

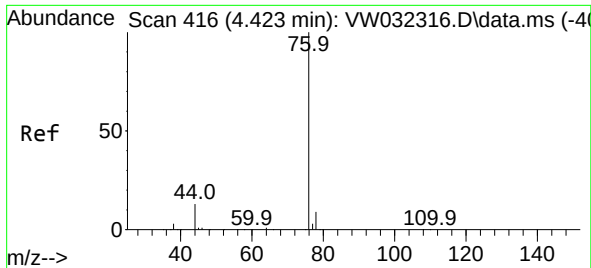
Tgt Ion: 53 Resp: 209078
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.2
51 36.6 30.3 45.5



#16
Acetone
Concen: 895.684 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 43 Resp: 455205
Ion Ratio Lower Upper
43 100
58 32.7 25.3 37.9

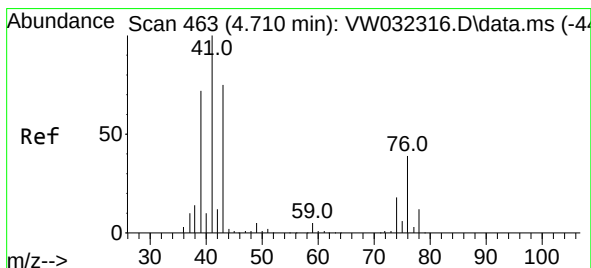
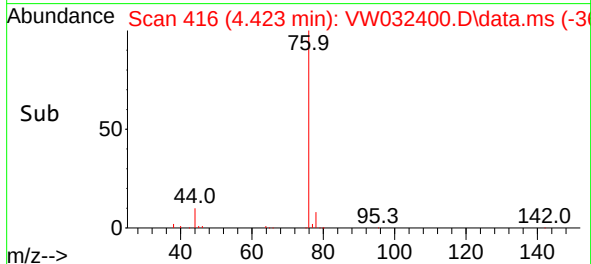
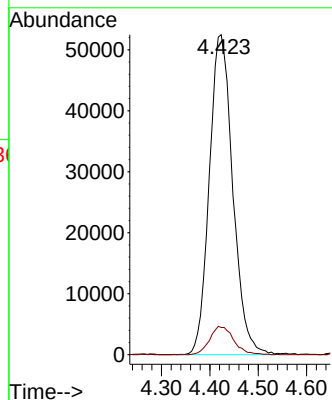
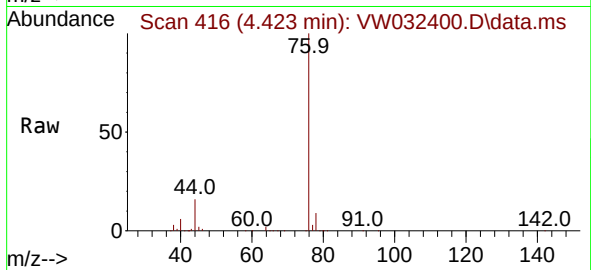




#17
Carbon Disulfide
Concen: 45.747 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

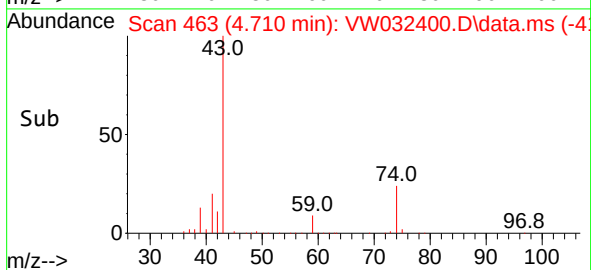
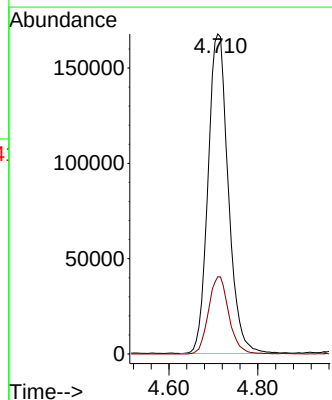
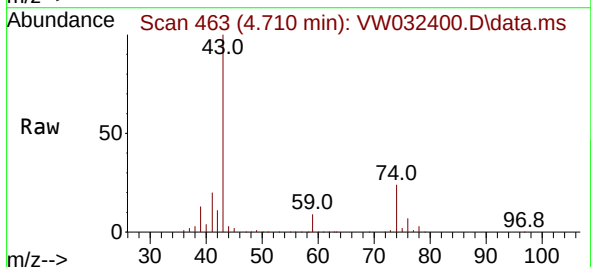
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

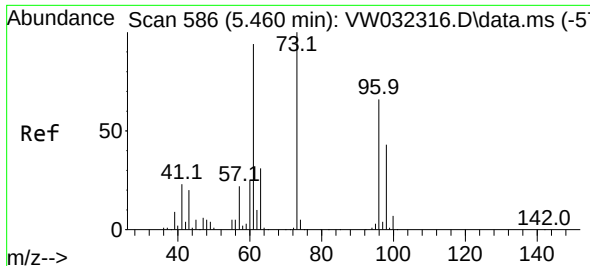
Tgt Ion: 76 Resp: 177025
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 364.524 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 43 Resp: 530691
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.4

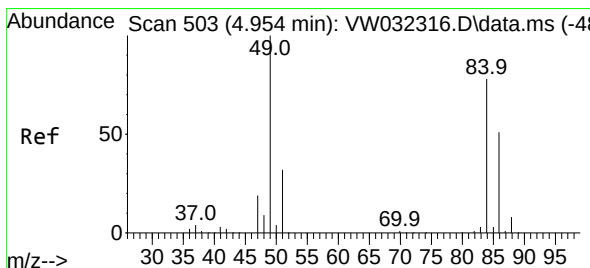
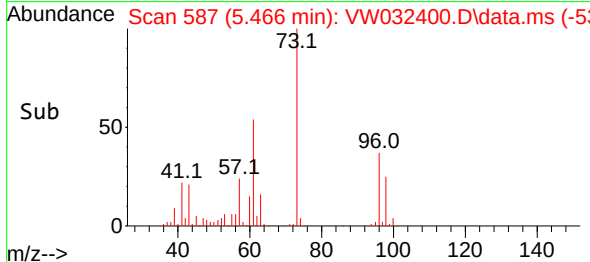
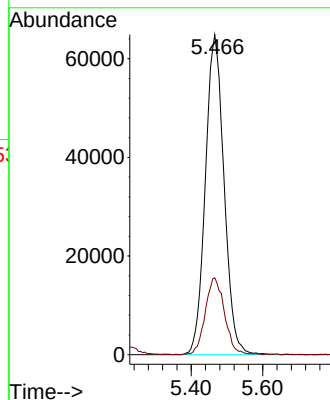
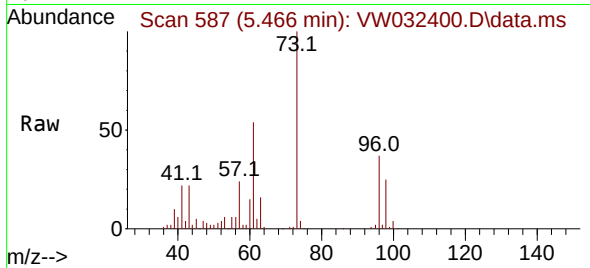




#19
Methyl tert-butyl Ether
Concen: 84.208 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

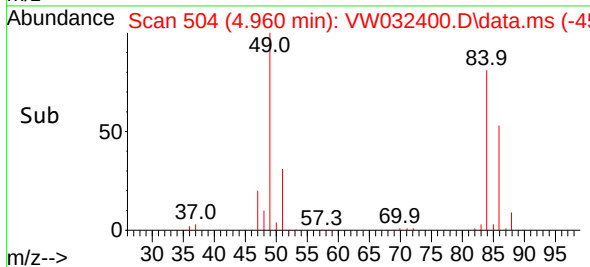
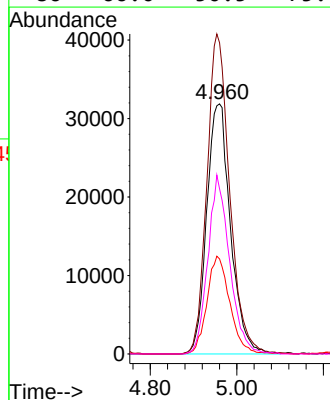
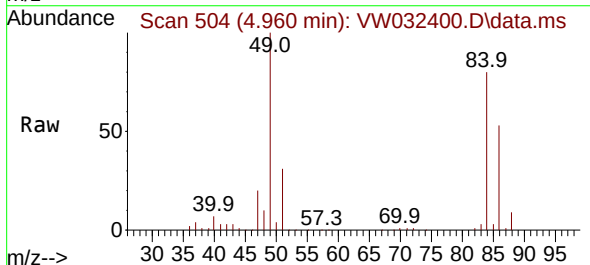
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

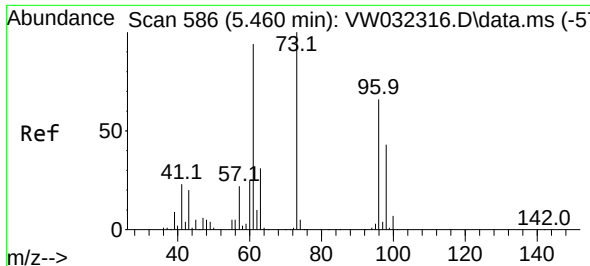
Tgt Ion: 73 Resp: 235222
Ion Ratio Lower Upper
73 100
57 24.0 16.2 24.4



#20
Methylene Chloride
Concen: 74.952 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 84 Resp: 121609
Ion Ratio Lower Upper
84 100
49 124.4 92.2 138.4
51 38.0 31.0 46.6
86 66.0 50.5 75.7

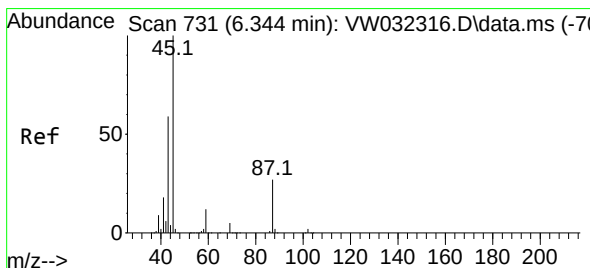
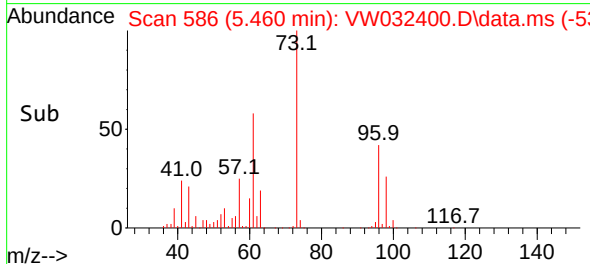
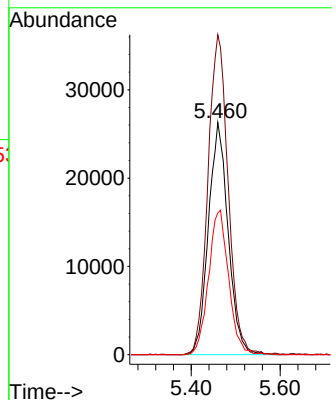
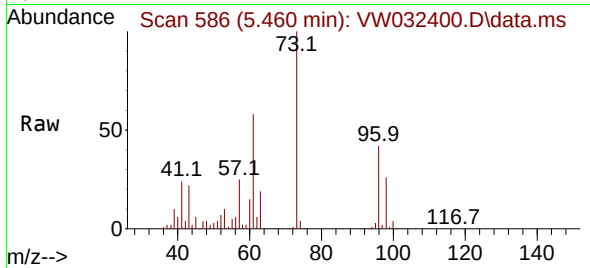




#21
trans-1,2-Dichloroethene
Concen: 51.625 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

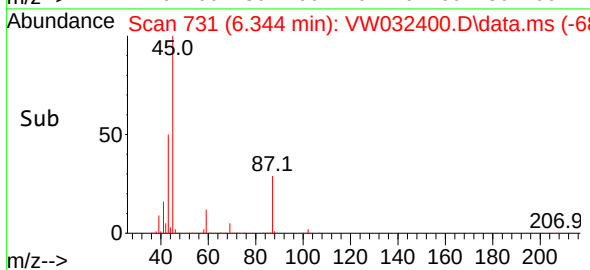
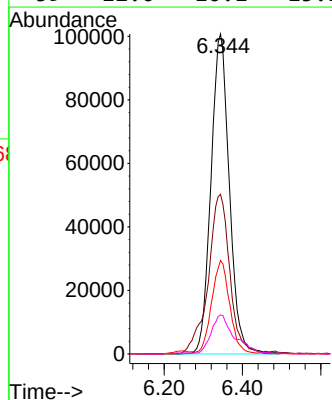
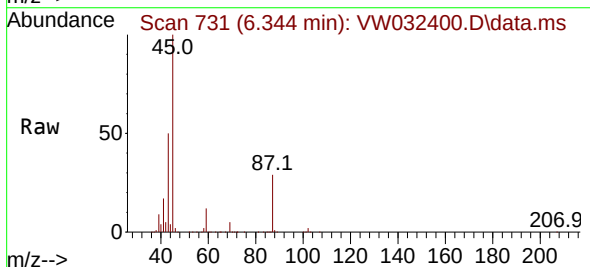
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MS

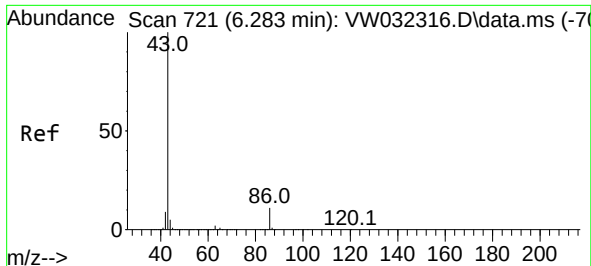
Tgt Ion: 96 Resp: 81060
Ion Ratio Lower Upper
96 100
61 137.8 112.5 168.7
98 61.0 54.2 81.4



#22
Diisopropyl ether
Concen: 65.815 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 45 Resp: 327878
Ion Ratio Lower Upper
45 100
43 49.7 51.4 77.2#
87 29.1 25.9 38.9
59 12.0 10.1 15.1

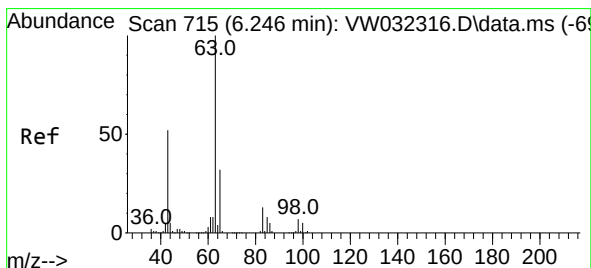
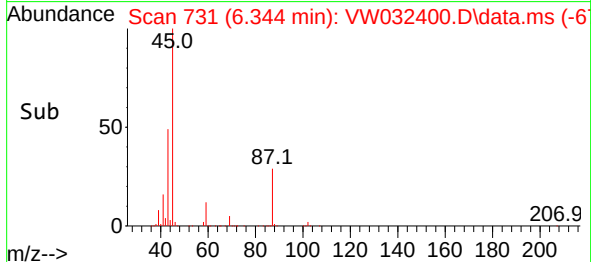
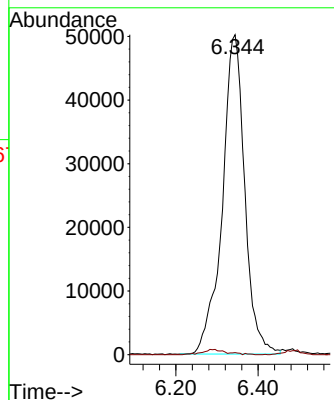
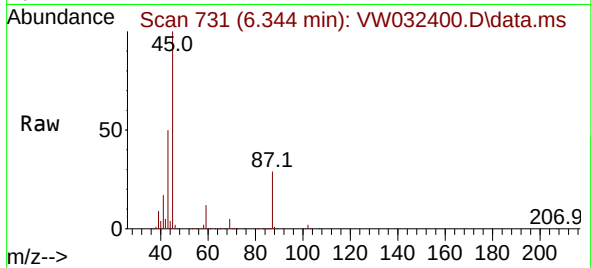




#23
 Vinyl Acetate
 Concen: 57.164 ug/l
 RT: 6.344 min Scan# 715
 Delta R.T. 0.061 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

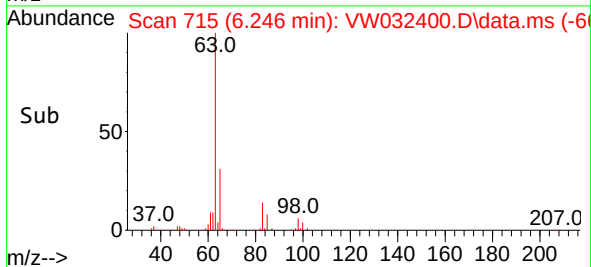
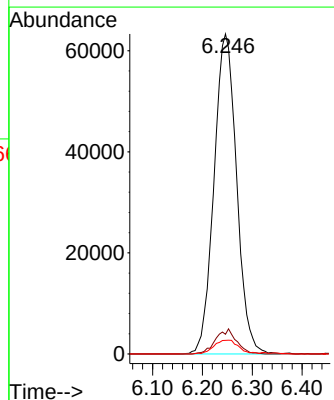
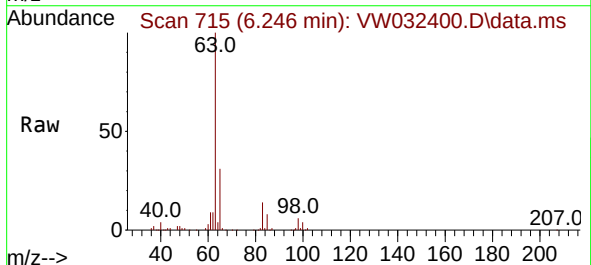
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MS

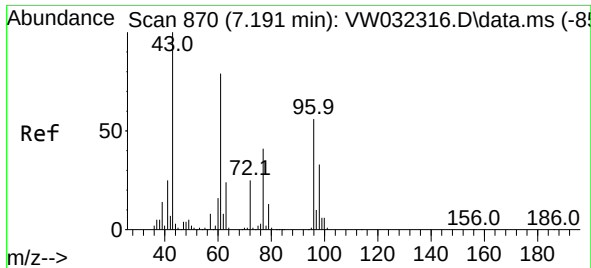
Tgt Ion: 43 Resp: 190214
 Ion Ratio Lower Upper
 43 100
 86 0.7 8.8 13.2#



#24
 1,1-Dichloroethane
 Concen: 65.851 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

Tgt Ion: 63 Resp: 199309
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.2
 100 4.3 2.5 7.5

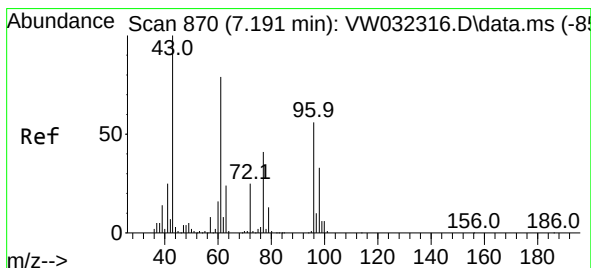
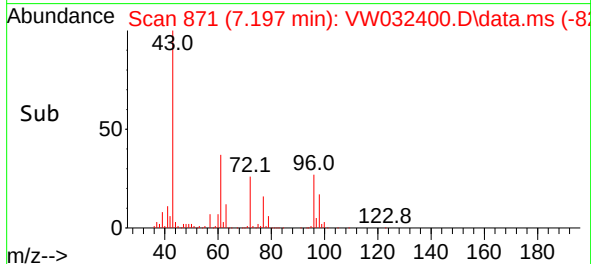
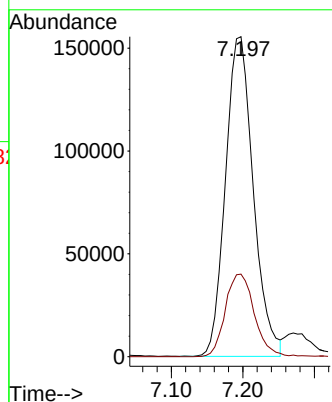
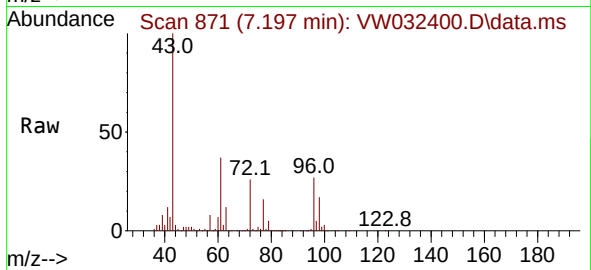




#25
2-Butanone
Concen: 606.793 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

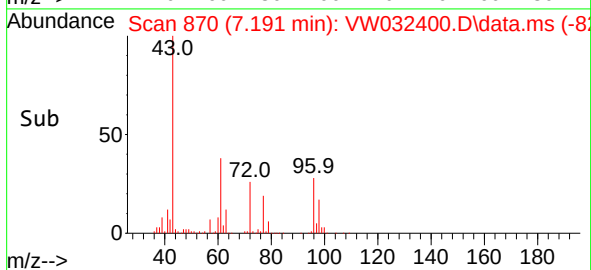
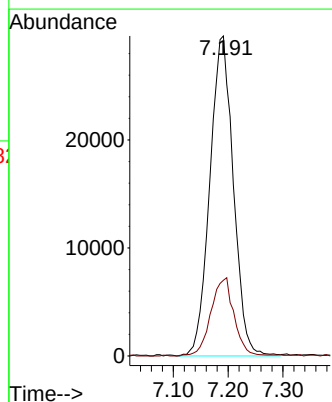
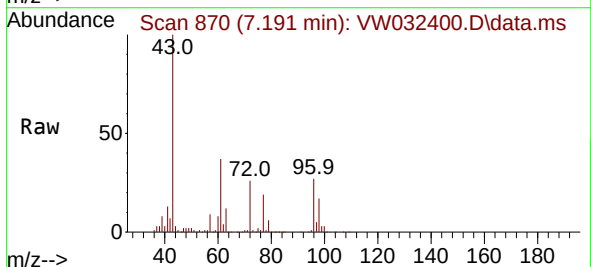
Instrument :
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ClientSampleId :
PR132-S07-000102-20251017MS

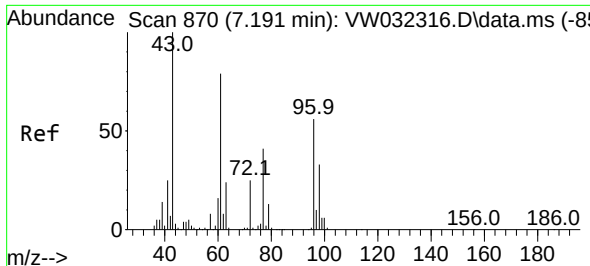
Tgt Ion: 43 Resp: 420004
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 56.939 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 77 Resp: 88152
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5

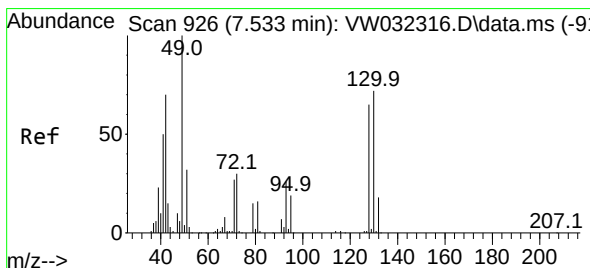
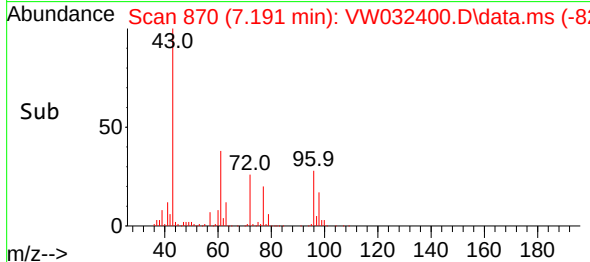
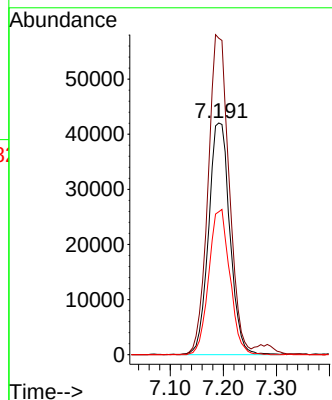
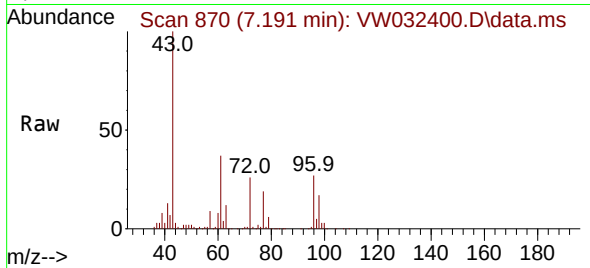




#27
 cis-1,2-Dichloroethene
 Concen: 62.048 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

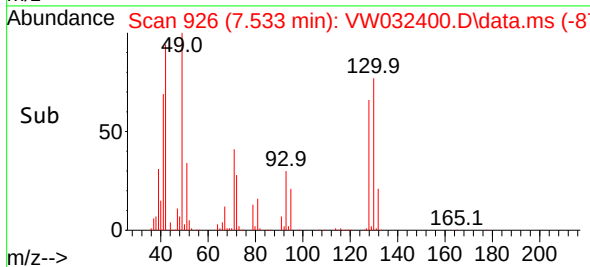
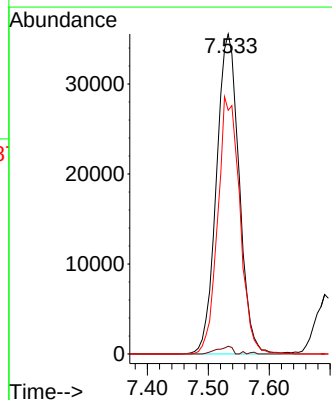
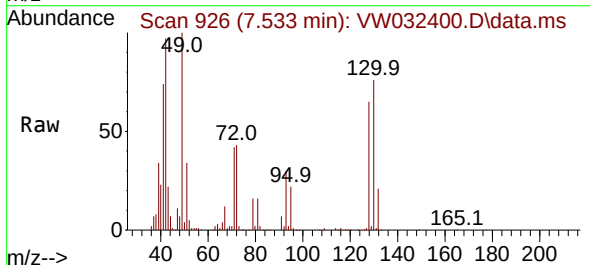
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MS

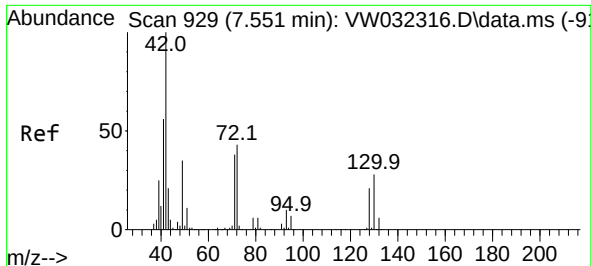
Tgt Ion: 96 Resp: 117042
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 268.0
 98 62.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 64.499 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

Tgt Ion: 49 Resp: 91846
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 78.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 474.432 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

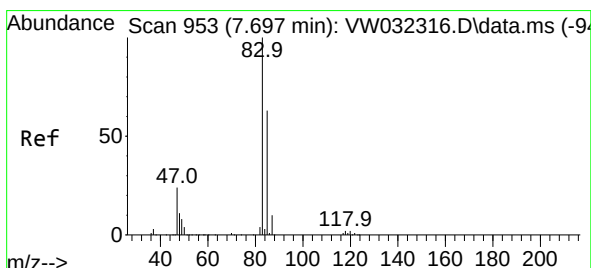
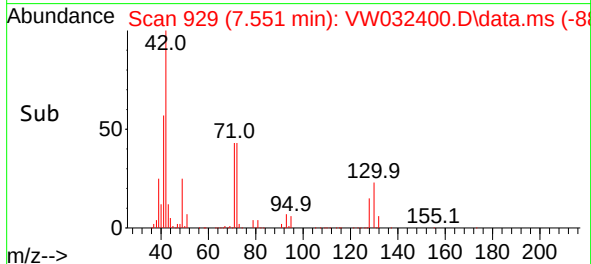
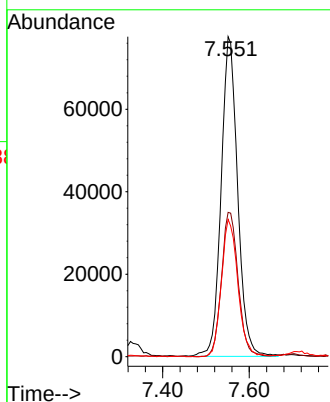
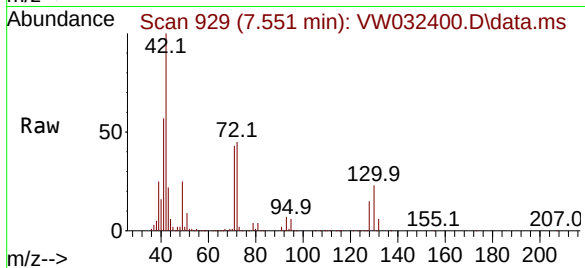
Tgt Ion: 42 Resp: 206513

Ion Ratio Lower Upper

42 100

72 45.4 37.4 56.2

71 42.9 36.0 54.0



#30

Chloroform

Concen: 65.780 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032400.D

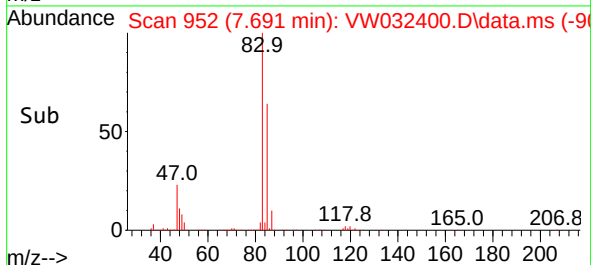
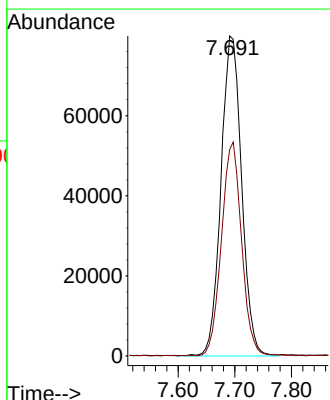
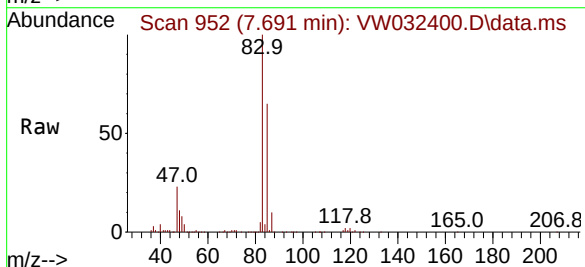
Acq: 20 Oct 2025 19:20

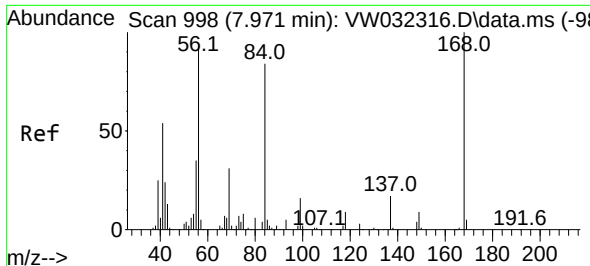
Tgt Ion: 83 Resp: 201913

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

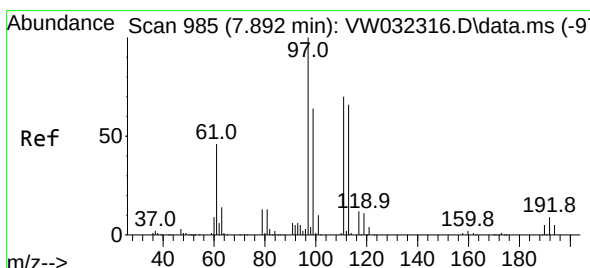
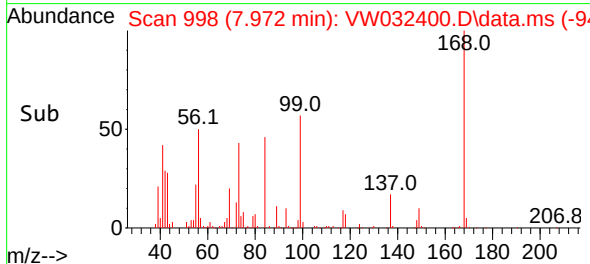
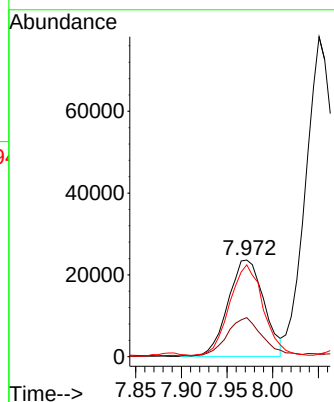
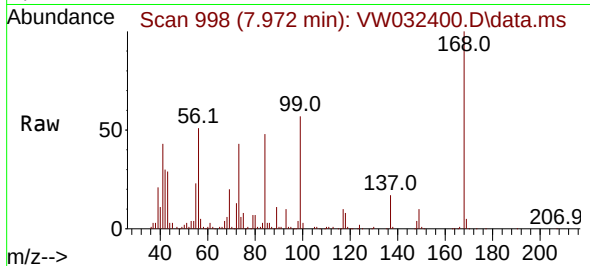




#31
Cyclohexane
Concen: 24.932 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

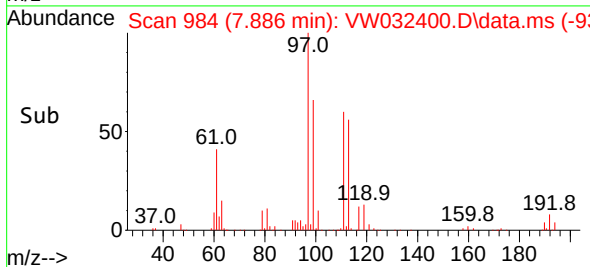
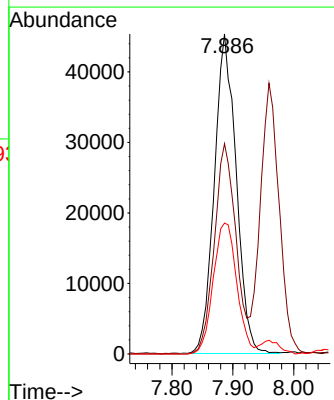
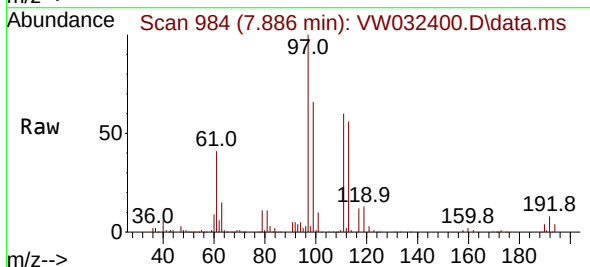
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

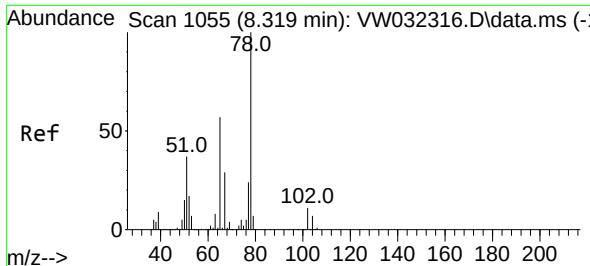
Tgt Ion: 56 Resp: 64422
Ion Ratio Lower Upper
56 100
69 39.6 27.7 41.5
84 92.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.802 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 97 Resp: 112676
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 44.2 36.2 54.4

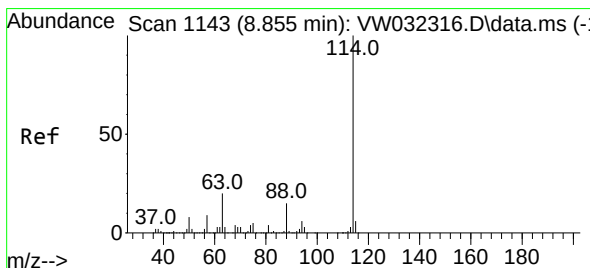
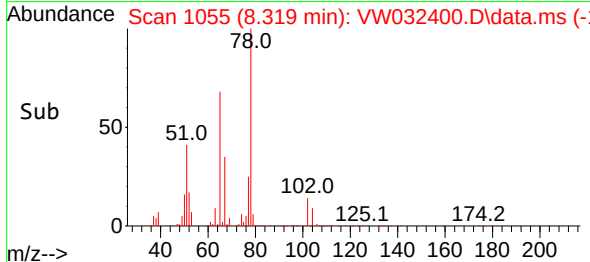
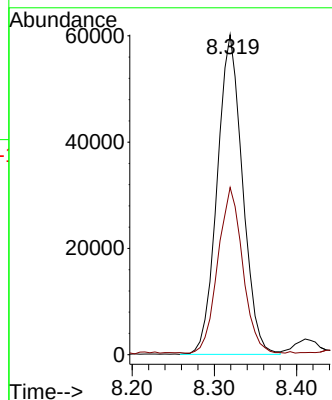
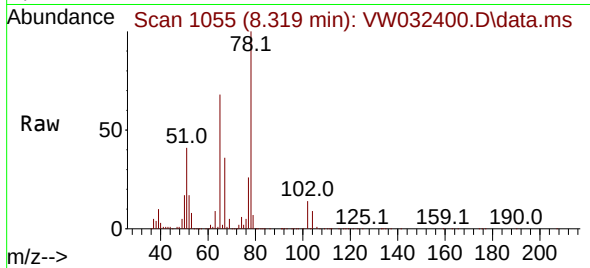




#33
 1,2-Dichloroethane-d4
 Concen: 70.271 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

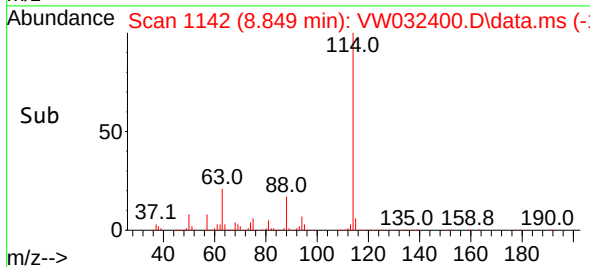
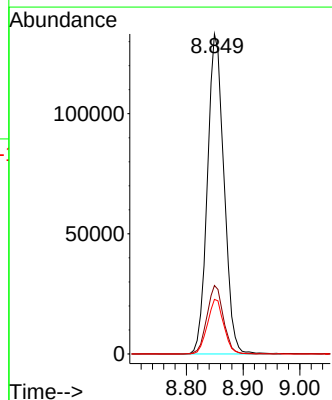
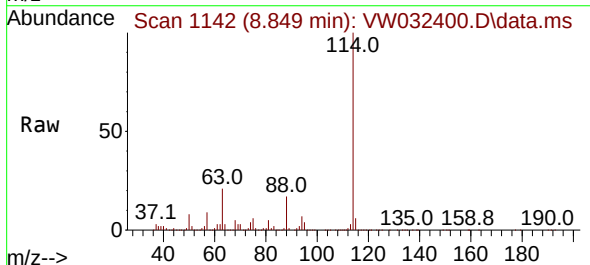
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MS

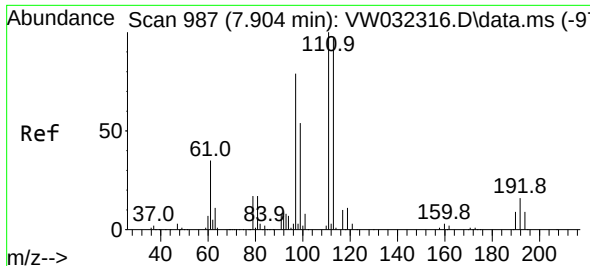
Tgt Ion: 65 Resp: 128979
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

Tgt Ion: 114 Resp: 270130
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.4
 88 17.0 0.0 32.0

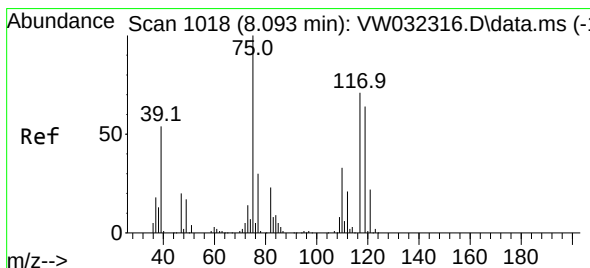
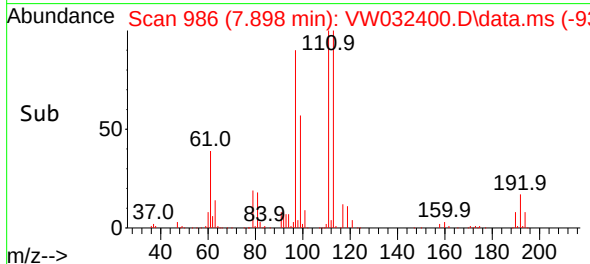
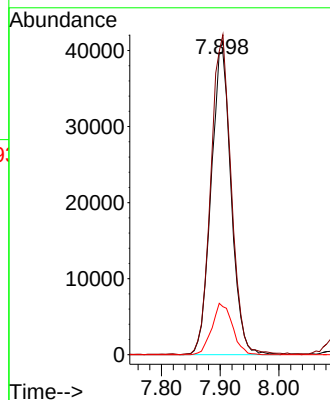
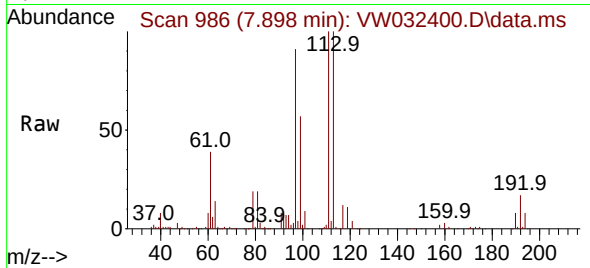




#35
Dibromofluoromethane
Concen: 54.621 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

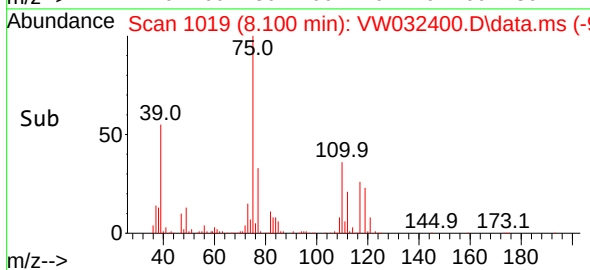
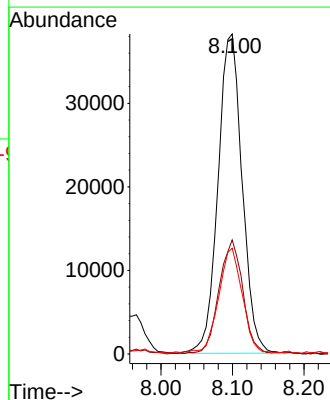
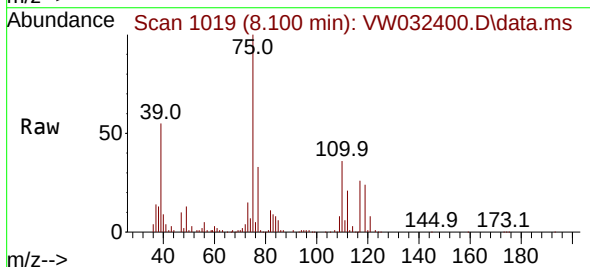
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

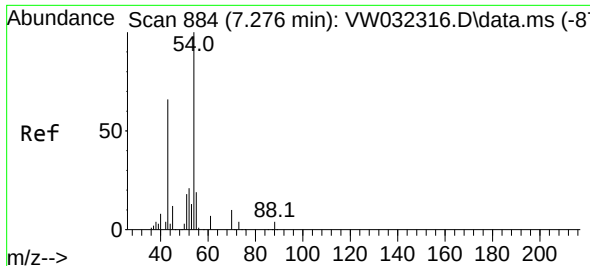
Tgt Ion:113 Resp: 95553
Ion Ratio Lower Upper
113 100
111 106.5 83.9 125.9
192 17.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 36.308 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 75 Resp: 89641
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.5
77 32.1 24.1 36.1





#37

Ethyl Acetate

Concen: 20.175 ug/l

RT: 7.270 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

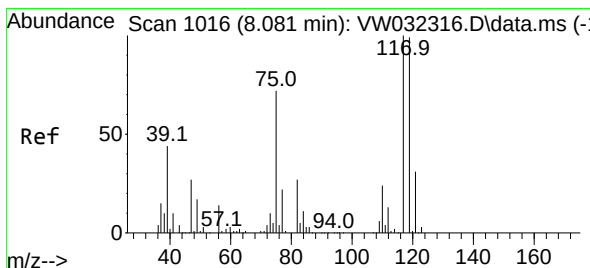
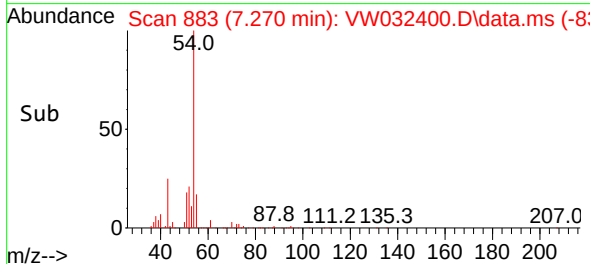
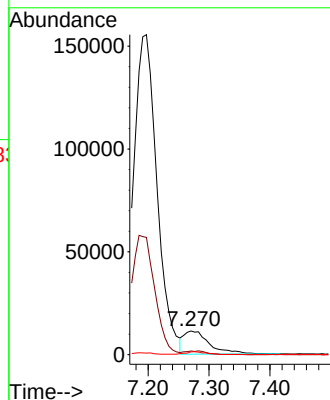
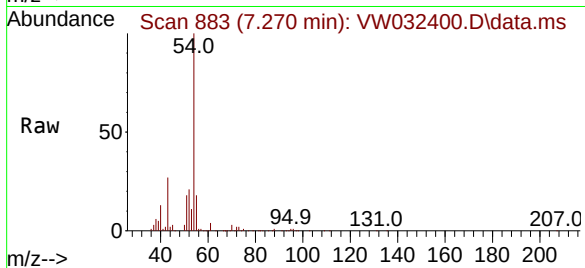
MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

Tgt Ion: 43 Resp: 33154

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	11.0	8.9	13.3



#38

Carbon Tetrachloride

Concen: 17.179 ug/l

RT: 8.087 min Scan# 1017

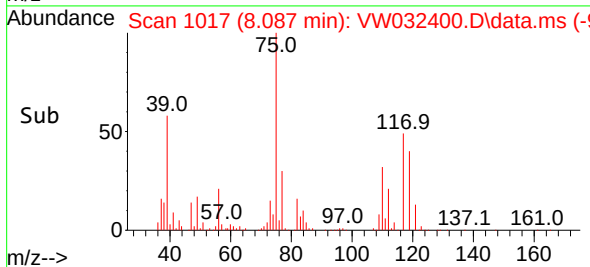
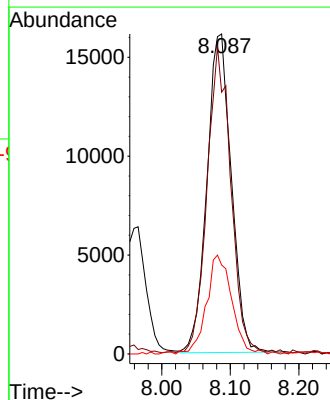
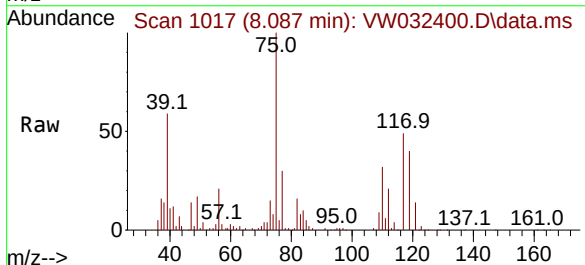
Delta R.T. 0.000 min

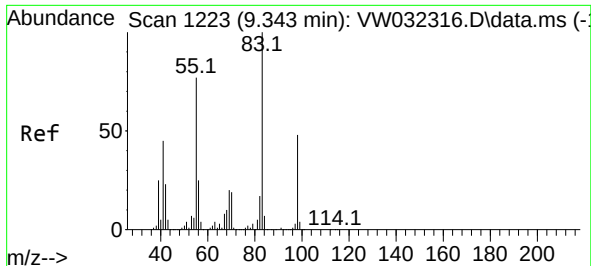
Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Tgt Ion: 117 Resp: 39913

Ion	Ratio	Lower	Upper
117	100		
119	81.4	74.2	111.2
121	28.0	25.6	38.4

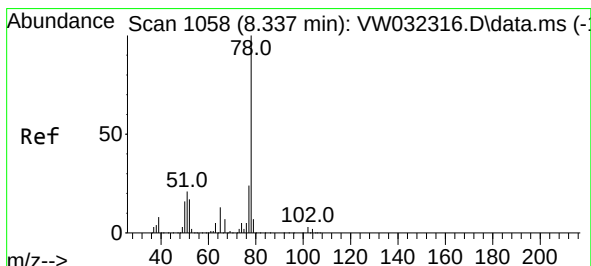
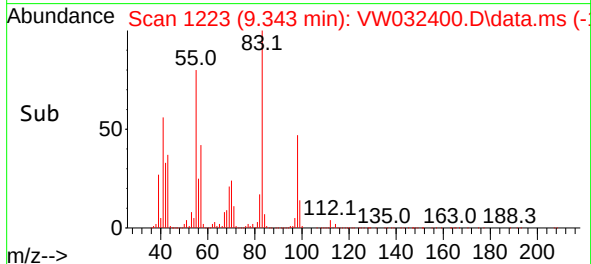
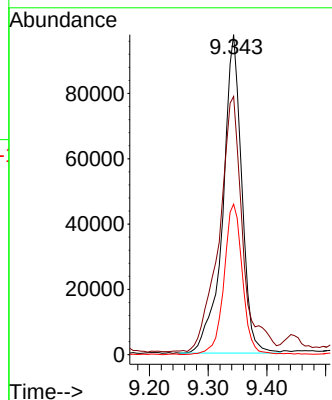
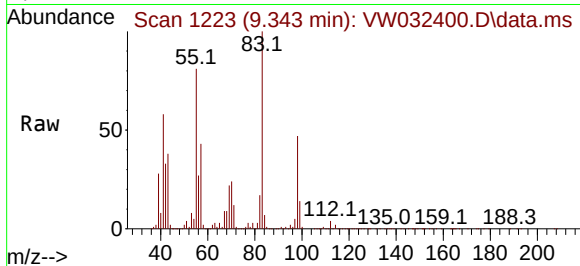




#39
Methylcyclohexane
Concen: 73.280 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

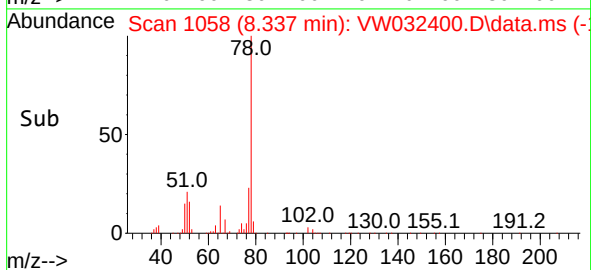
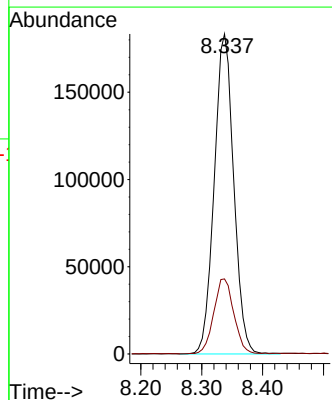
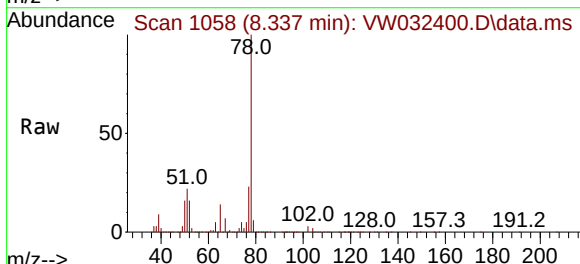
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

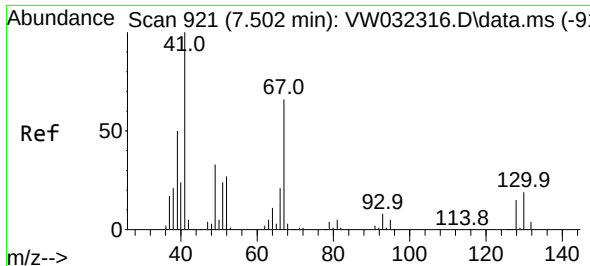
Tgt Ion: 83 Resp: 218230
Ion Ratio Lower Upper
83 100
55 80.0 58.4 87.6
98 47.2 39.4 59.2



#40
Benzene
Concen: 52.622 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 78 Resp: 407225
Ion Ratio Lower Upper
78 100
77 23.4 20.7 31.1

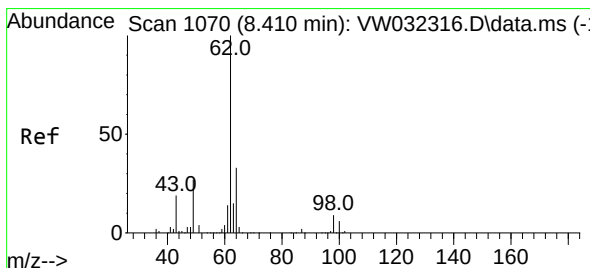
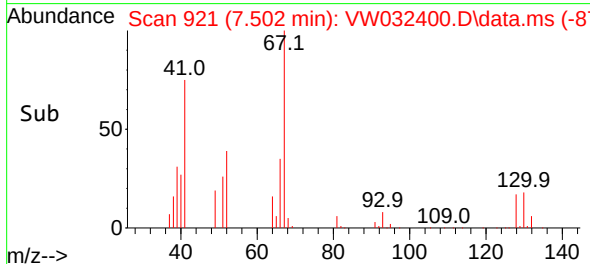
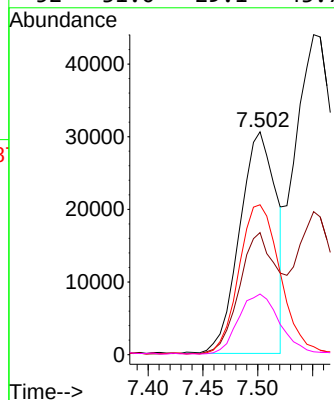
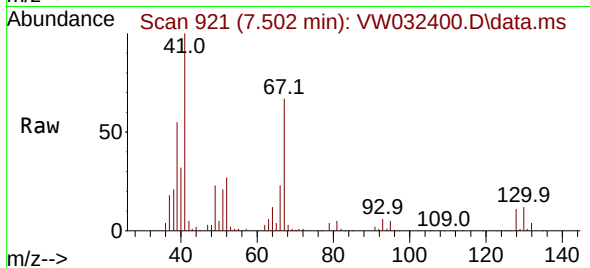




#41
Methacrylonitrile
Concen: 79.822 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

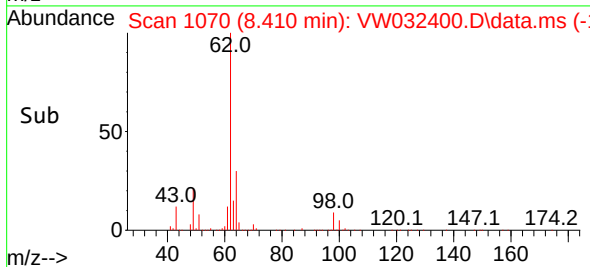
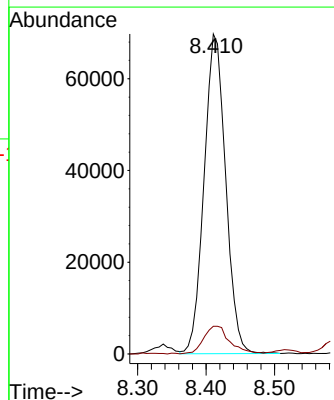
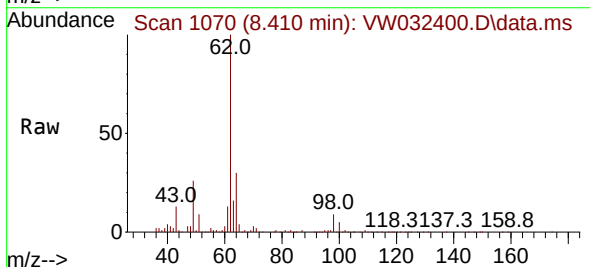
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

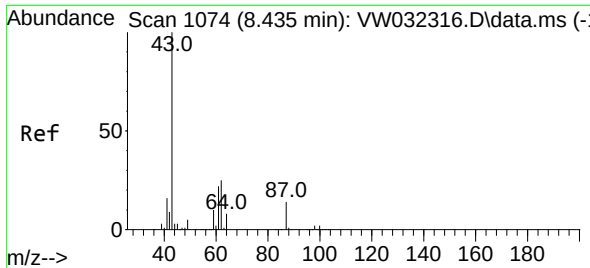
Tgt Ion:	41	Resp:	70692
Ion	Ratio	Lower	Upper
41	100		
39	59.5	50.9	76.3
67	76.5	65.6	98.4
52	31.0	29.1	43.7



#42
1,2-Dichloroethane
Concen: 60.431 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:	62	Resp:	153020
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.0

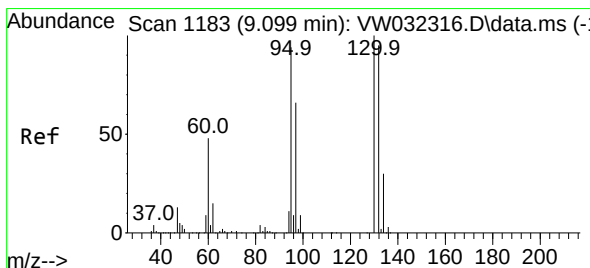
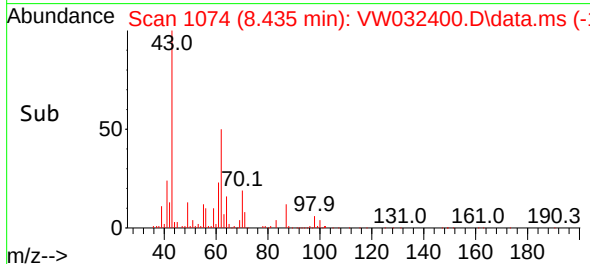
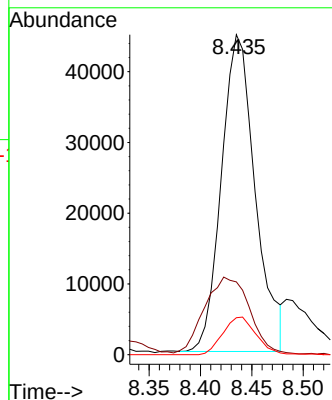
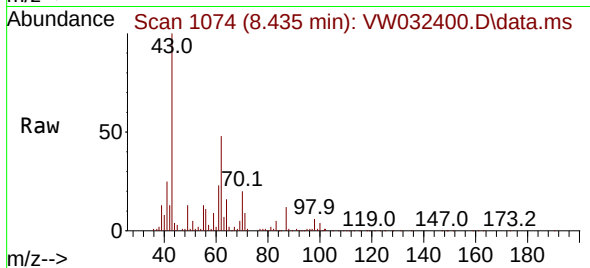




#43
Isopropyl Acetate
Concen: 35.210 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

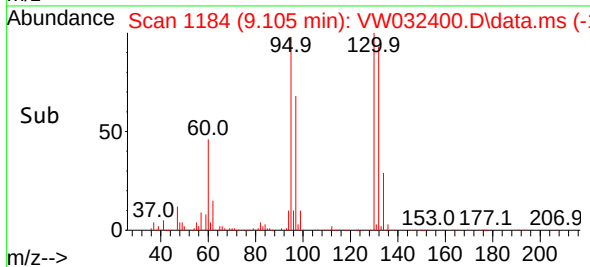
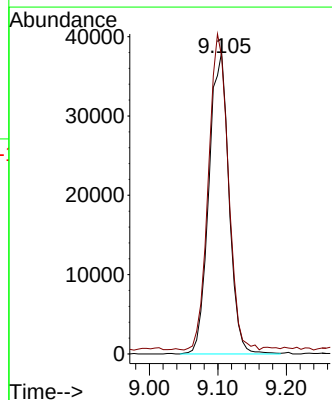
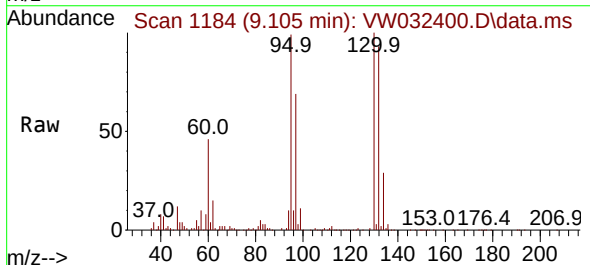
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MS

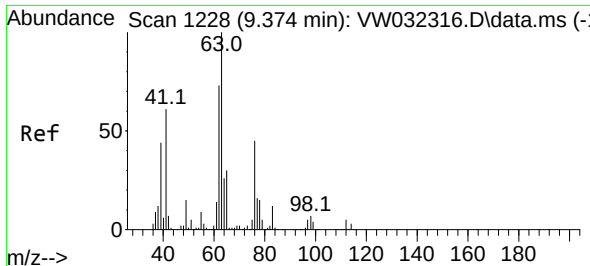
Tgt Ion: 43	Resp: 102644		
Ion Ratio	Lower	Upper	
43	100		
61	32.2	23.3	34.9
87	11.7	11.1	16.7



#44
Trichloroethene
Concen: 42.678 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:130	Resp: 77333
Ion Ratio	Lower Upper
130 100	
95 97.0	0.0 220.0





#45

1,2-Dichloropropane

Concen: 52.155 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

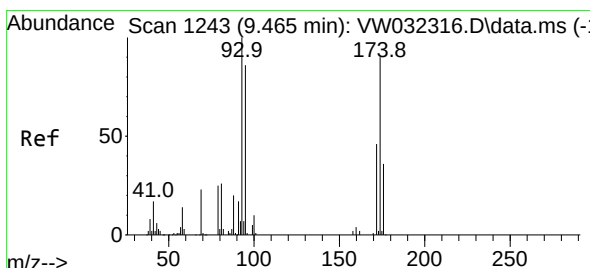
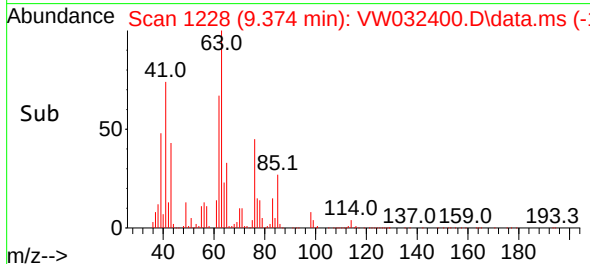
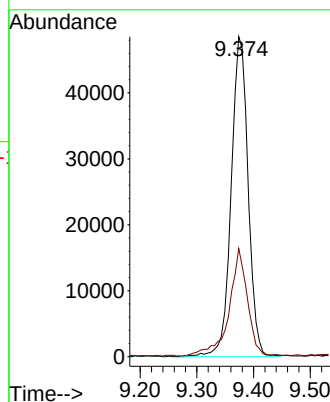
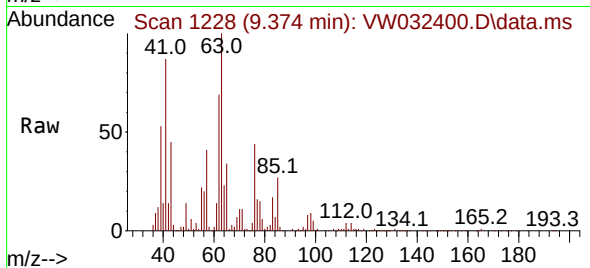
PR132-S07-000102-20251017MS

Tgt Ion: 63 Resp: 100743

Ion Ratio Lower Upper

63 100

65 33.5 24.3 36.5



#46

Dibromomethane

Concen: 56.603 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

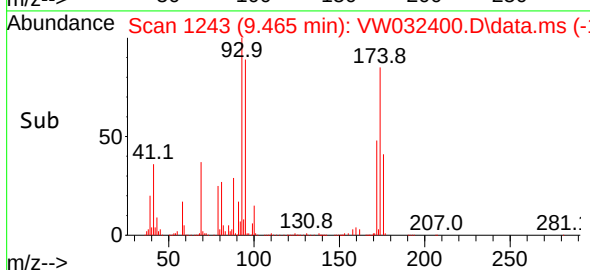
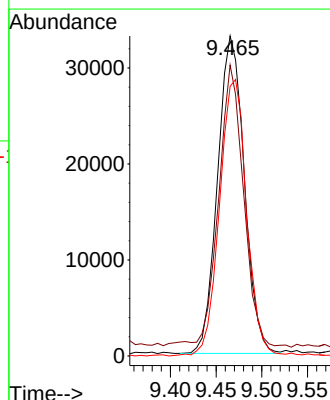
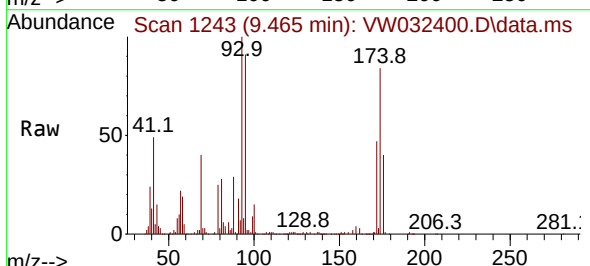
Tgt Ion: 93 Resp: 67232

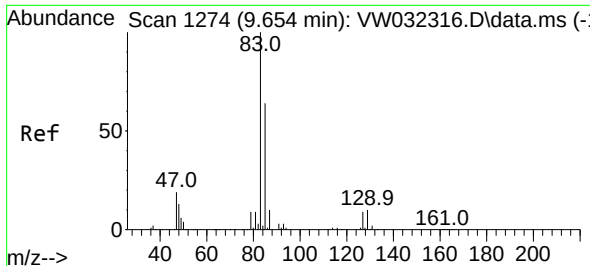
Ion Ratio Lower Upper

93 100

95 84.0 67.4 101.2

174 88.5 75.7 113.5

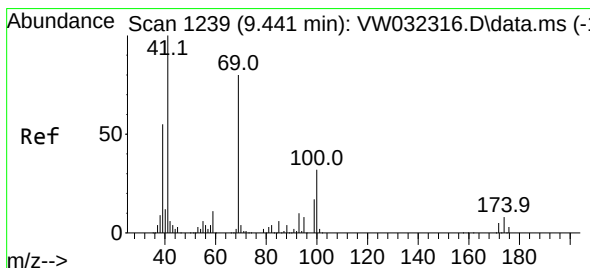
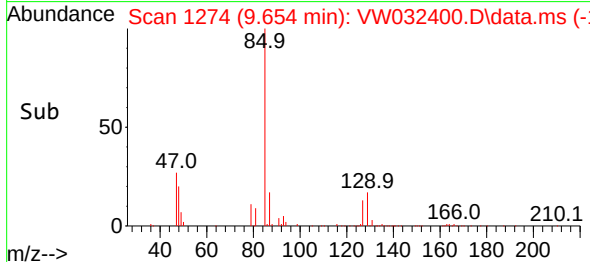
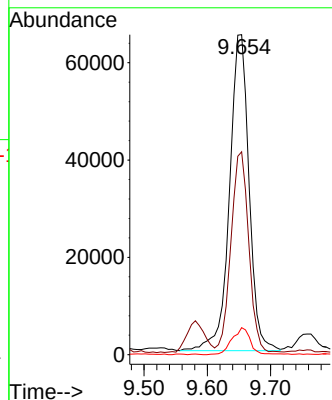
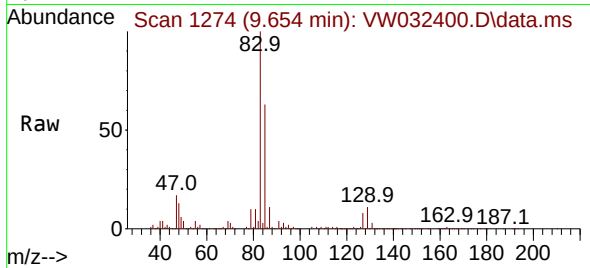




#47
Bromodichloromethane
Concen: 51.296 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

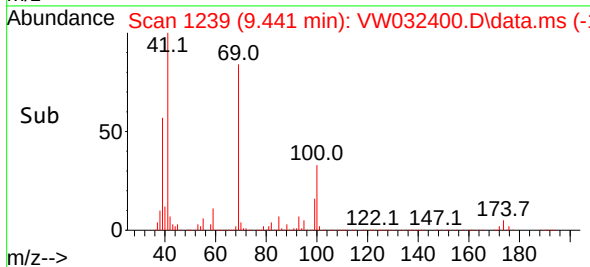
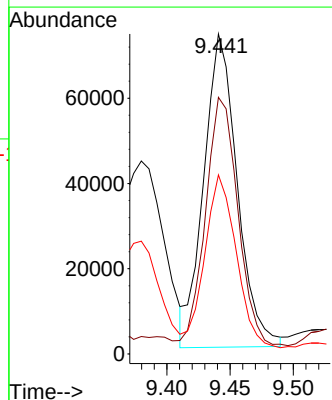
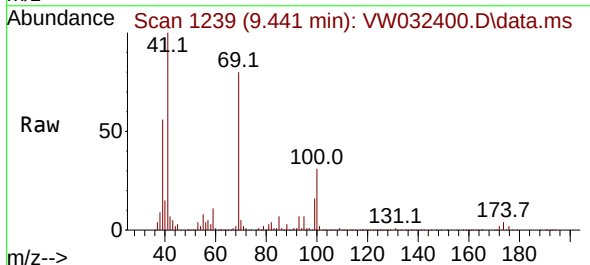
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MS

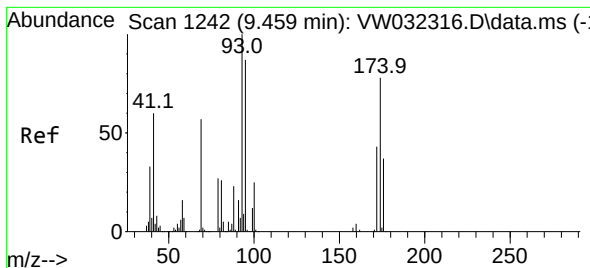
Tgt Ion: 83 Resp: 139358
Ion Ratio Lower Upper
83 100
85 63.3 48.7 73.1
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 95.505 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 41 Resp: 135368
Ion Ratio Lower Upper
41 100
69 80.2 71.5 107.3
39 51.8 55.9 83.9#





#49

1,4-Dioxane

Concen: 1620.540 ug/l

RT: 9.465 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

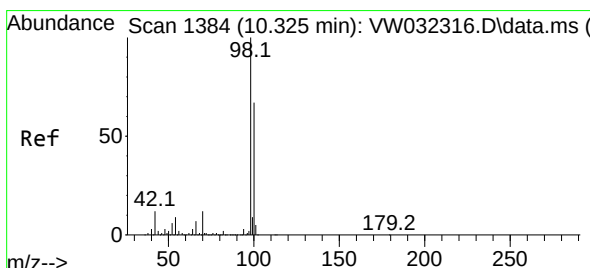
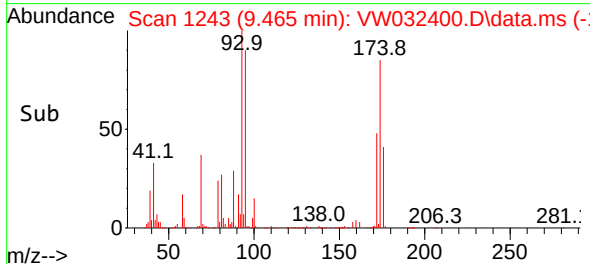
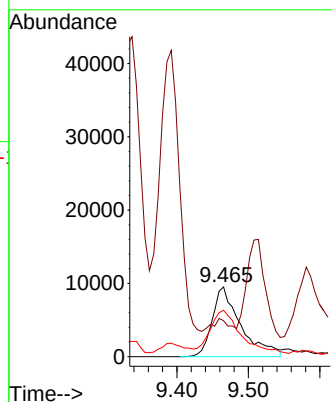
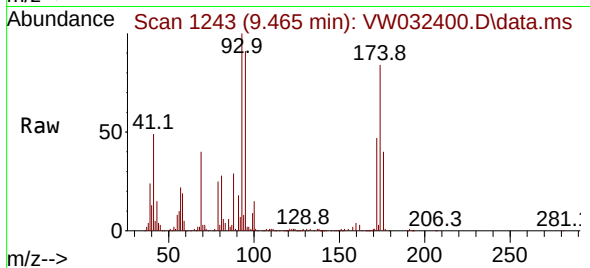
Tgt Ion: 88 Resp: 26309

Ion Ratio Lower Upper

88 100

43 36.9 18.0 27.0#

58 76.2 55.4 83.0



#50

Toluene-d8

Concen: 41.157 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032400.D

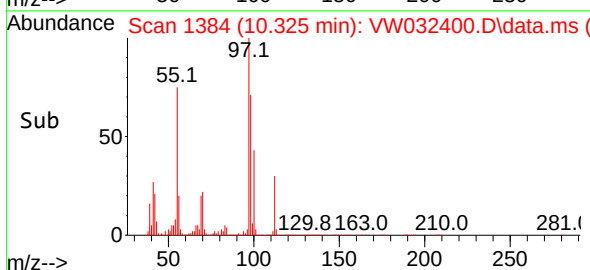
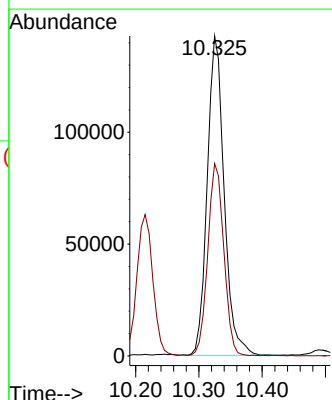
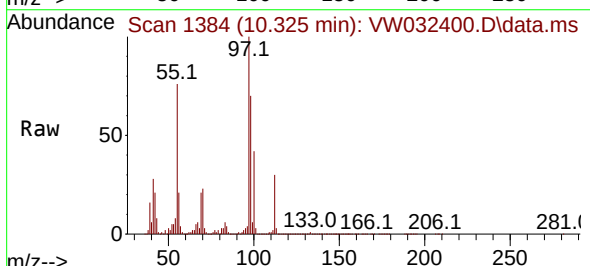
Acq: 20 Oct 2025 19:20

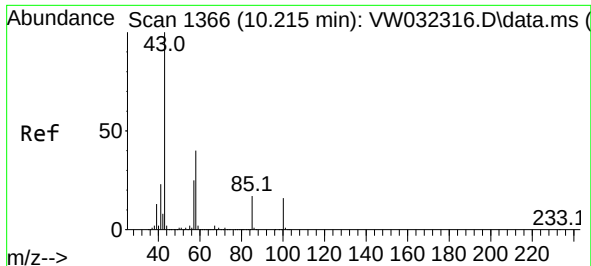
Tgt Ion: 98 Resp: 265737

Ion Ratio Lower Upper

98 100

100 57.0 51.4 77.2

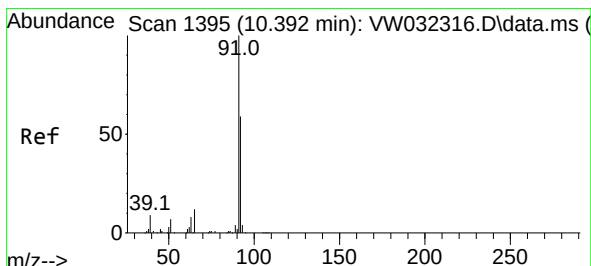
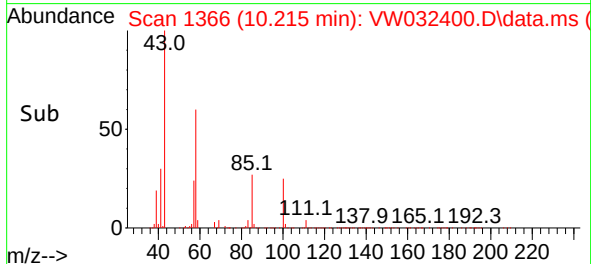
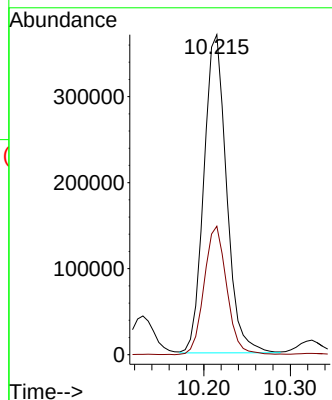
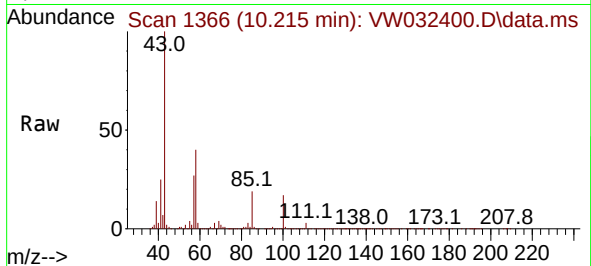




#51
4-Methyl-2-Pentanone
Concen: 399.689 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

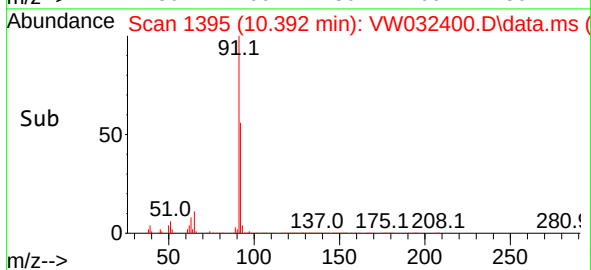
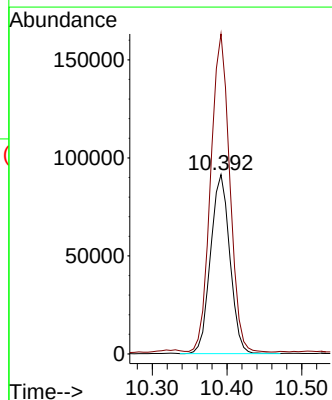
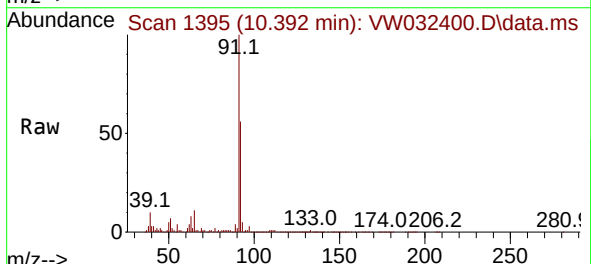
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MS

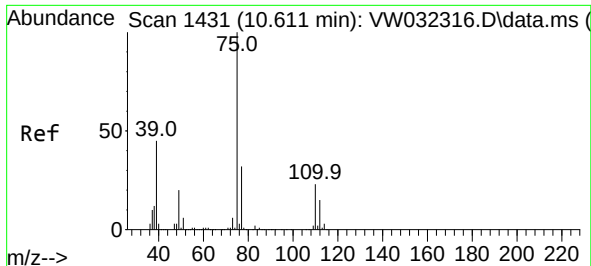
Tgt Ion: 43 Resp: 674877
Ion Ratio Lower Upper
43 100
58 40.2 32.0 48.0



#52
Toluene
Concen: 33.838 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 92 Resp: 163071
Ion Ratio Lower Upper
92 100
91 175.9 137.5 206.3

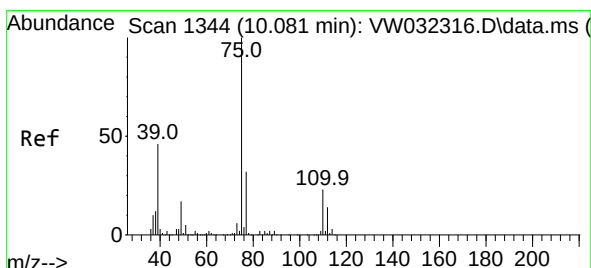
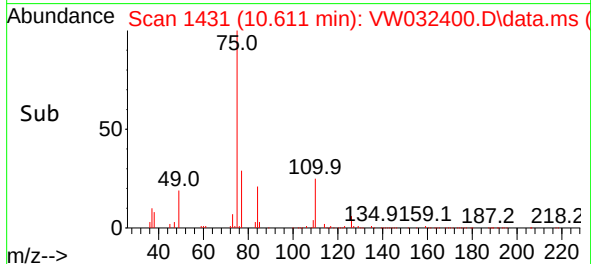
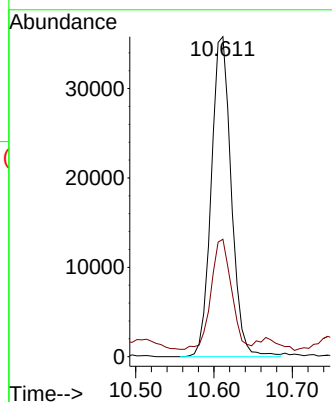
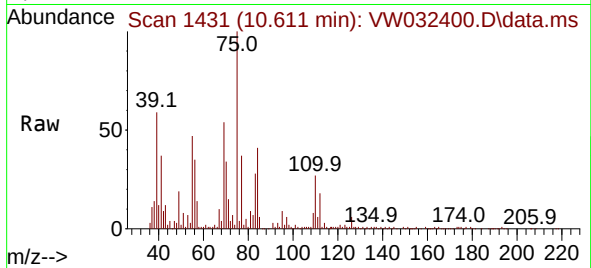




#53
t-1,3-Dichloropropene
Concen: 24.156 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

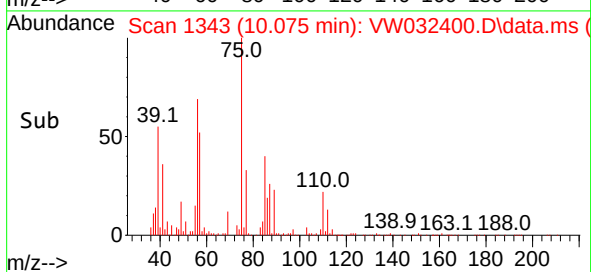
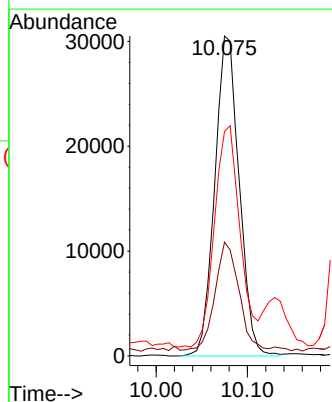
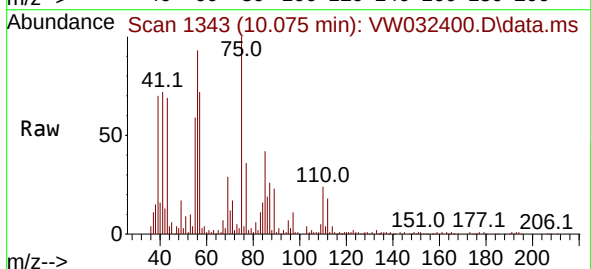
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

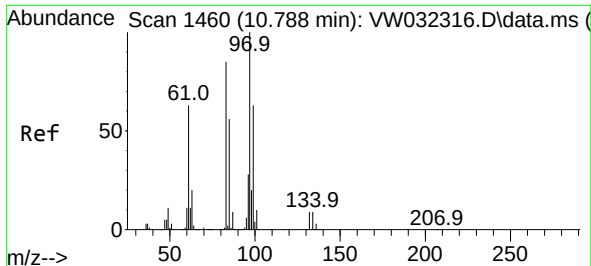
Tgt Ion: 75 Resp: 63668
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 18.666 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 75 Resp: 56671
Ion Ratio Lower Upper
75 100
77 33.8 25.1 37.7
39 67.3 43.2 64.8#

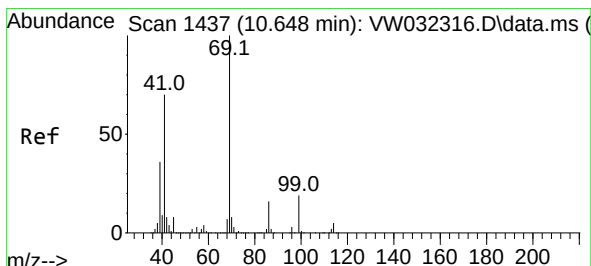
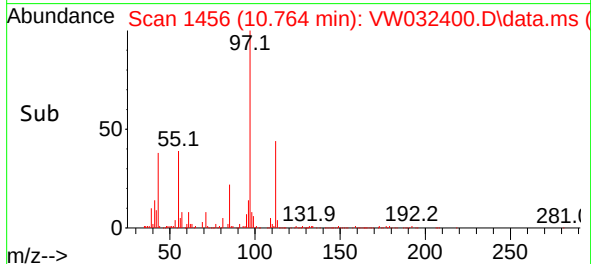
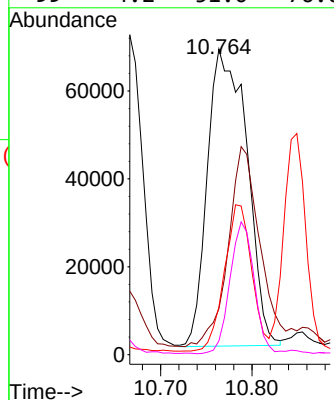
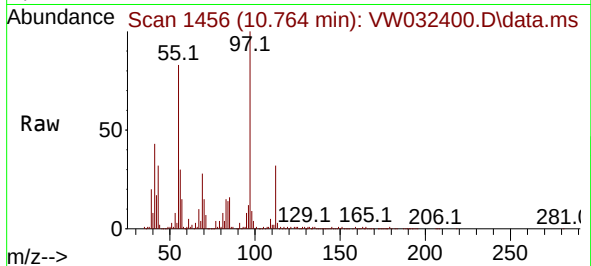




#55
1,1,2-Trichloroethane
Concen: 127.482 ug/l
RT: 10.764 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

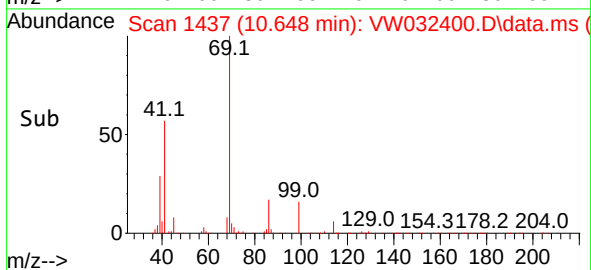
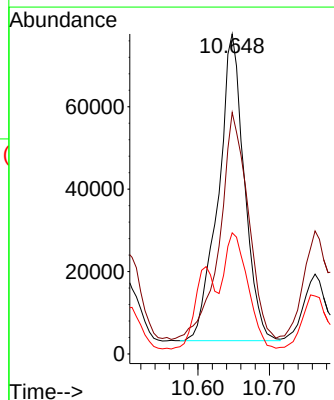
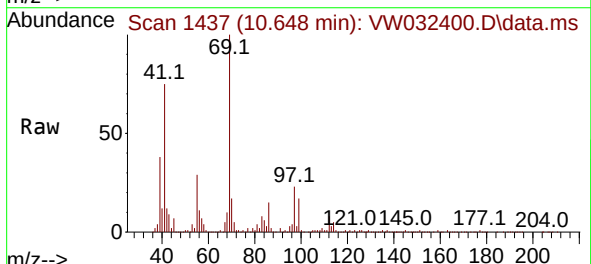
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MS

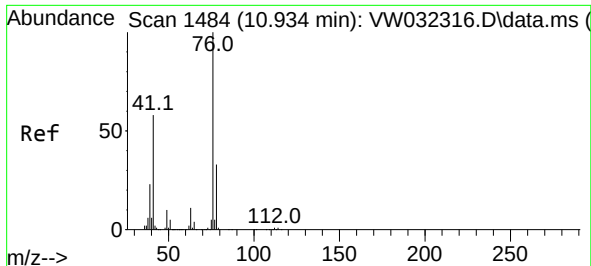
Tgt Ion:	97	Resp:	202376
Ion	Ratio	Lower	Upper
97	100		
83	12.7	71.0	106.6#
85	14.9	42.8	64.2#
99	4.2	51.0	76.6#



#56
Ethyl methacrylate
Concen: 84.867 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:	69	Resp:	188573
Ion	Ratio	Lower	Upper
69	100		
41	80.5	53.2	79.8#
39	33.0	32.9	49.3





#57

1,3-Dichloropropane

Concen: 55.361 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

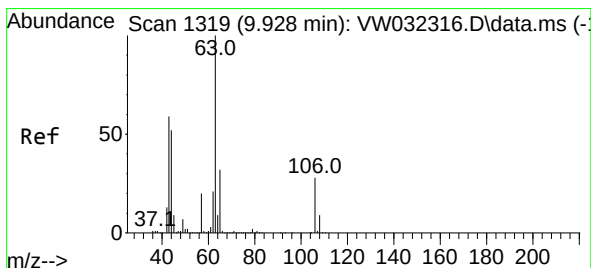
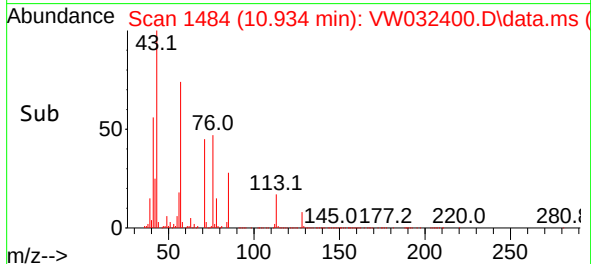
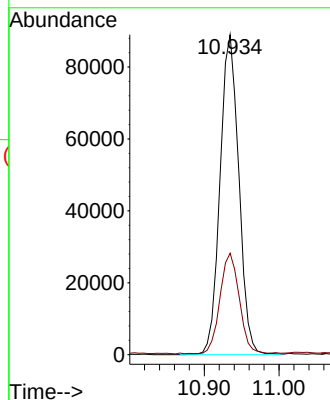
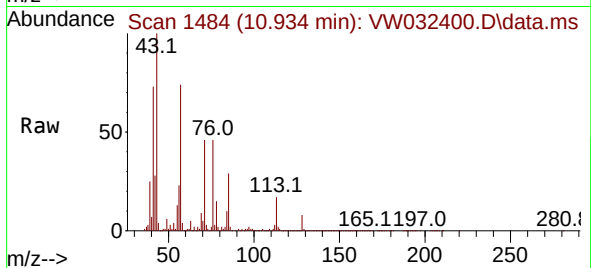
PR132-S07-000102-20251017MS

Tgt Ion: 76 Resp: 155221

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 354.640 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032400.D

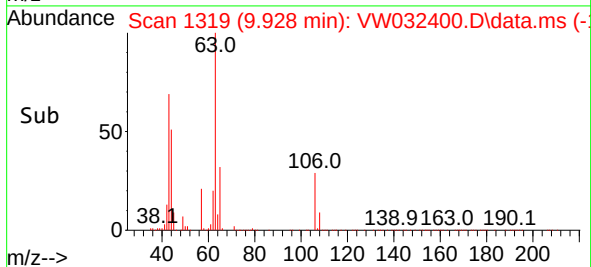
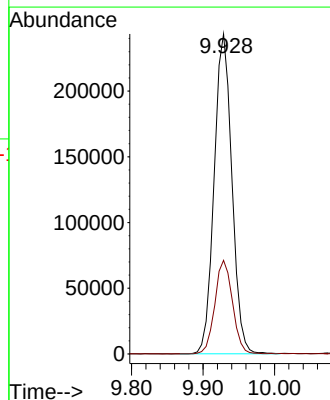
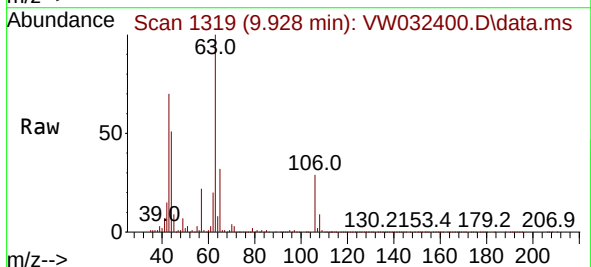
Acq: 20 Oct 2025 19:20

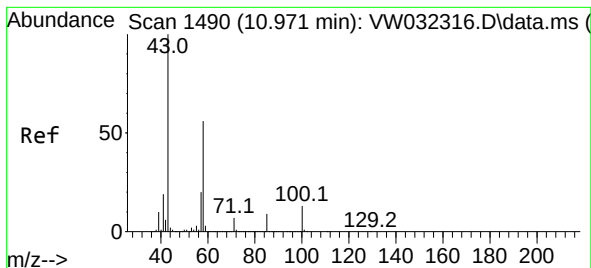
Tgt Ion: 63 Resp: 419375

Ion Ratio Lower Upper

63 100

106 28.9 24.3 36.5

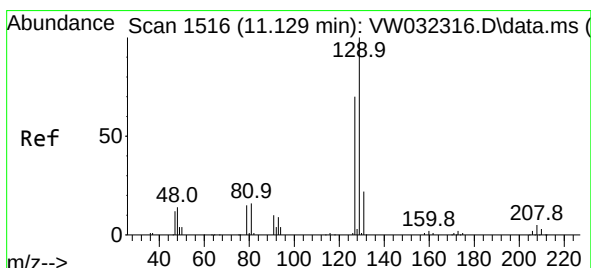
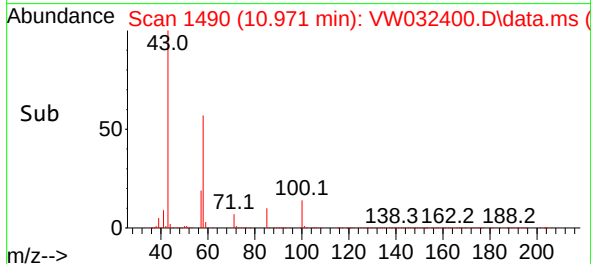
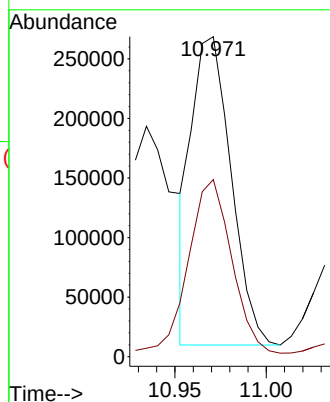
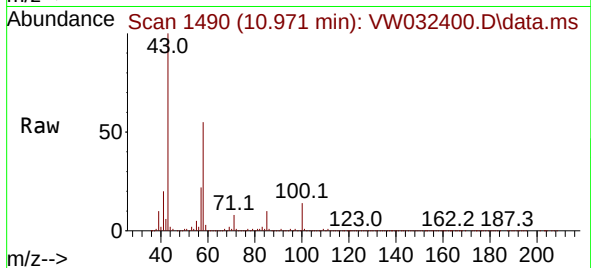




#59
2-Hexanone
Concen: 326.137 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

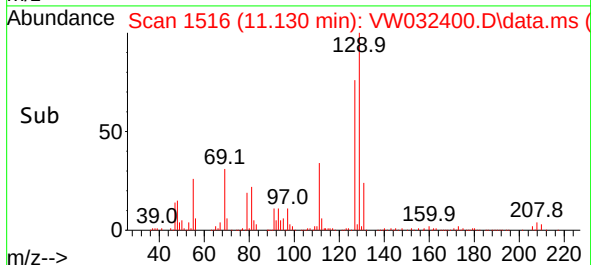
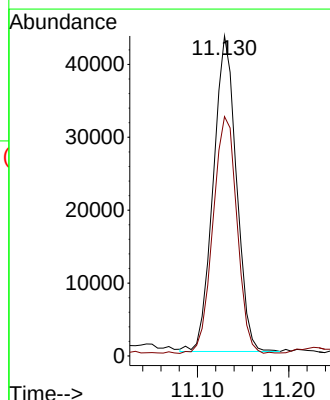
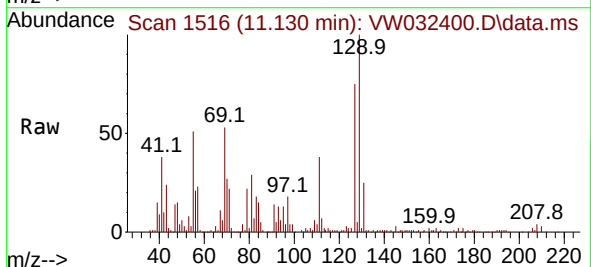
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

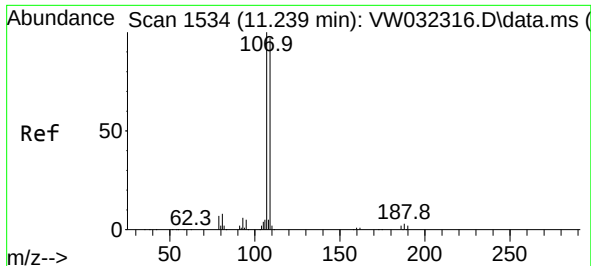
Tgt Ion: 43 Resp: 388390
Ion Ratio Lower Upper
43 100
58 66.1 27.5 82.4



#60
Dibromochloromethane
Concen: 42.178 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 129 Resp: 76028
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

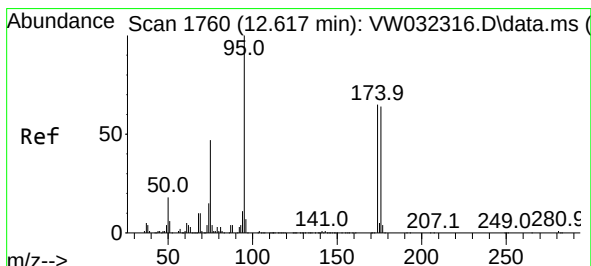
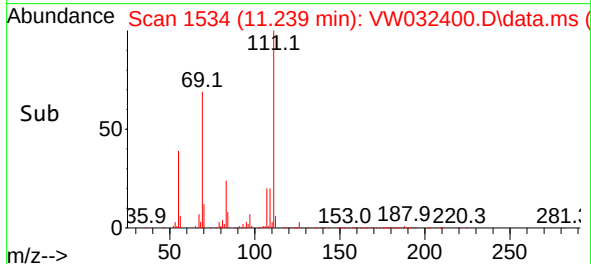
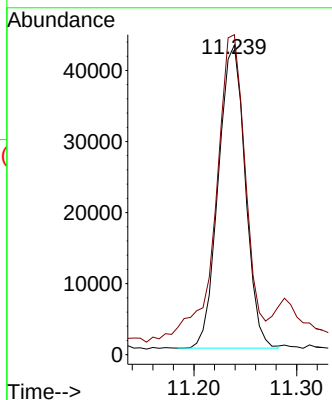
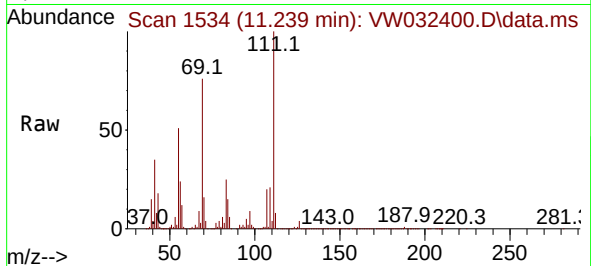




#61
1,2-Dibromoethane
Concen: 50.062 ug/l
RT: 11.239 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

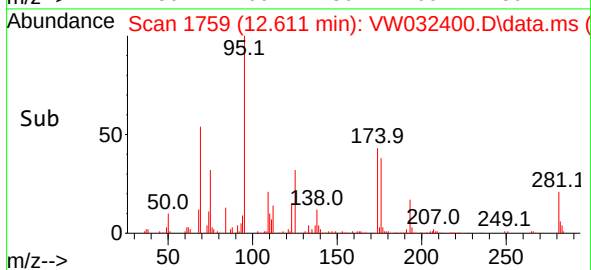
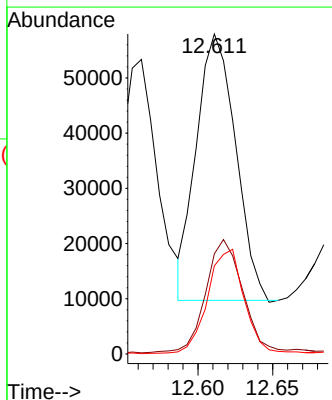
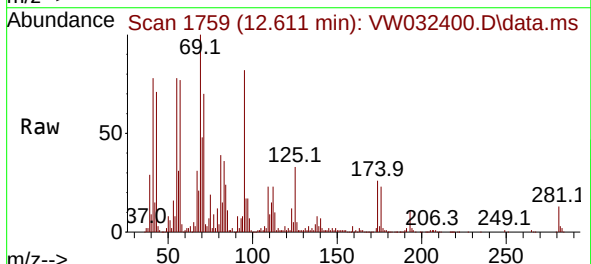
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

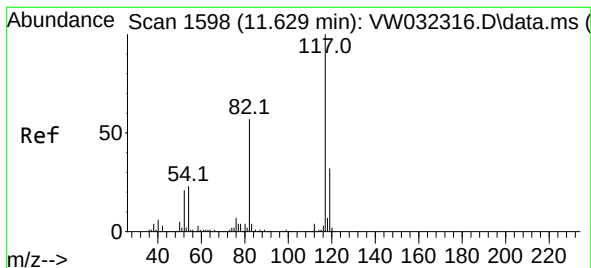
Tgt Ion:107 Resp: 77493
Ion Ratio Lower Upper
107 100
109 112.8 74.5 111.7#



#62
4-Bromofluorobenzene
Concen: 36.034 ug/l
RT: 12.611 min Scan# 1759
Delta R.T. -0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 95 Resp: 87937
Ion Ratio Lower Upper
95 100
174 41.1 0.0 145.6
176 36.6 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

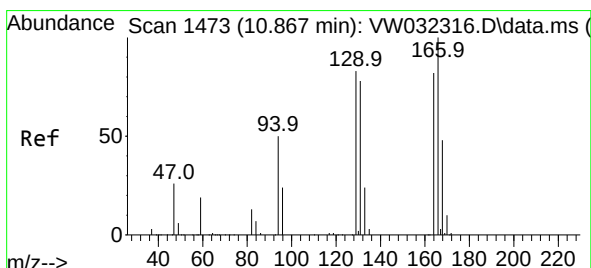
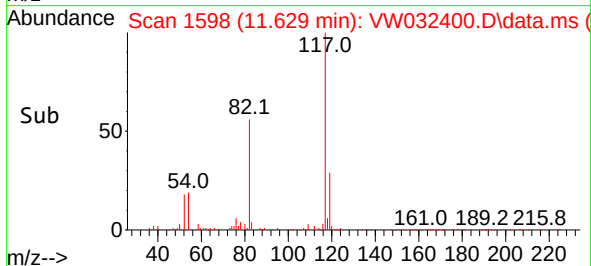
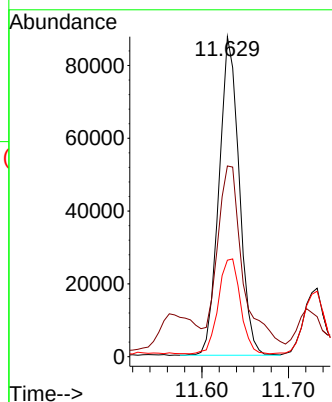
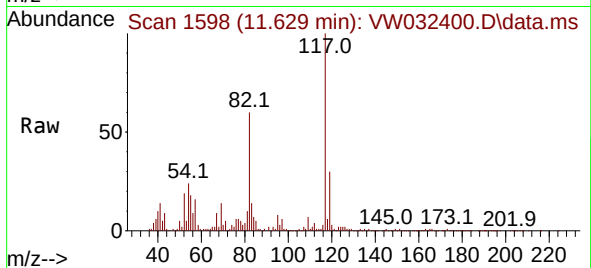
Tgt Ion:117 Resp: 141965

Ion Ratio Lower Upper

117 100

82 55.1 42.7 64.1

119 29.3 25.2 37.8



#64

Tetrachloroethene

Concen: 43.982 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Tgt Ion:164 Resp: 37362

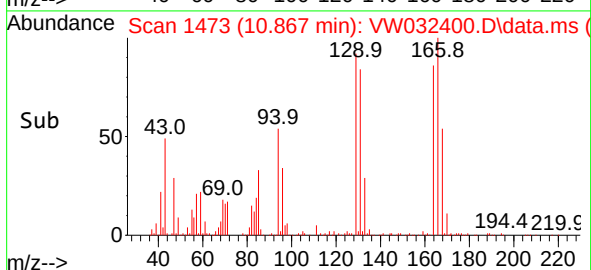
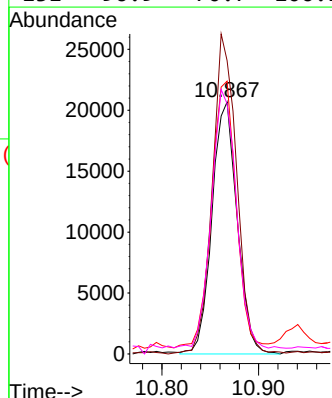
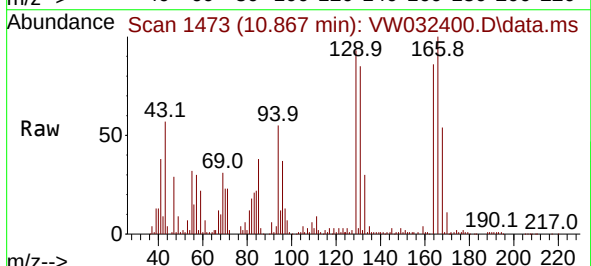
Ion Ratio Lower Upper

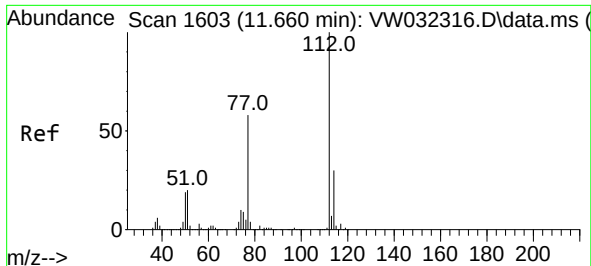
164 100

166 115.7 97.5 146.3

129 104.8 71.2 106.8

131 96.9 70.7 106.1

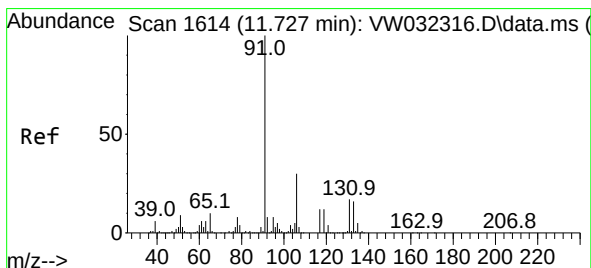
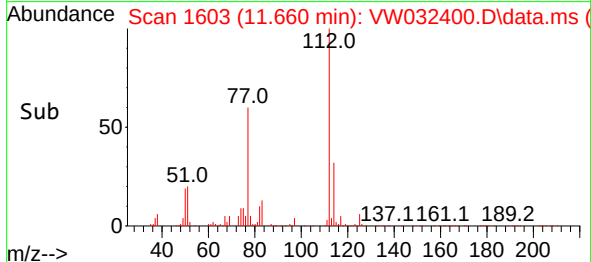
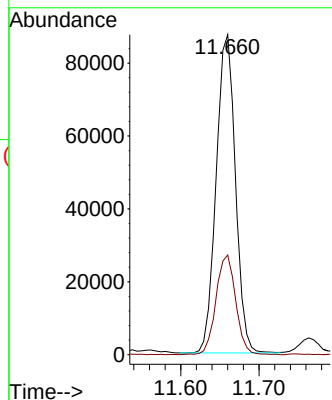
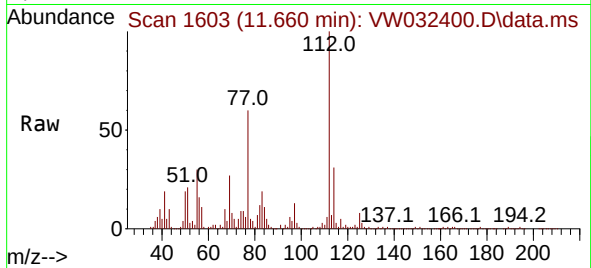




#65
Chlorobenzene
Concen: 47.782 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

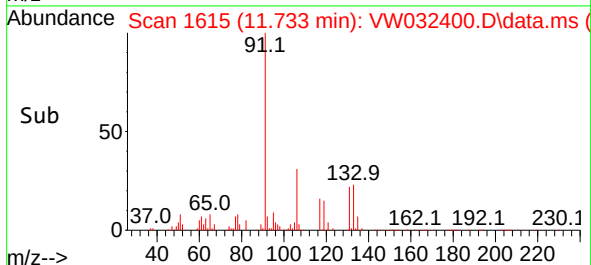
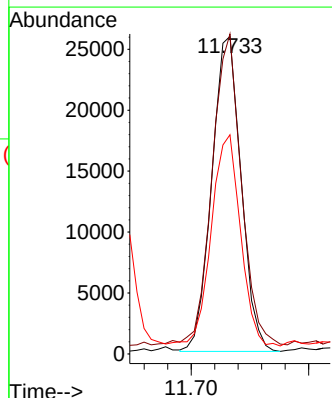
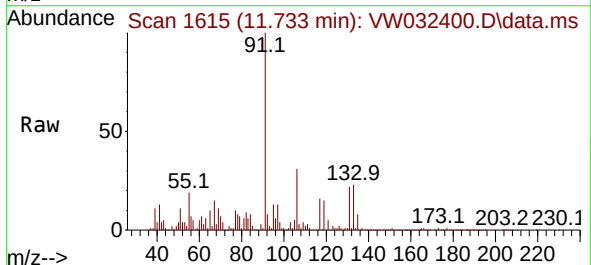
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

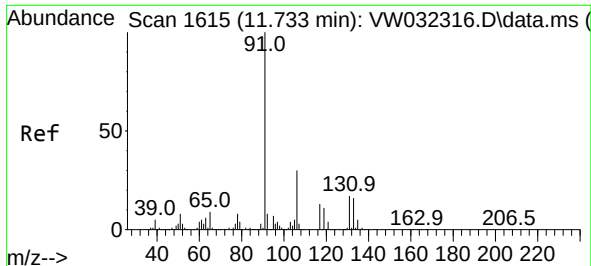
Tgt Ion:112 Resp: 149251
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.016 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:131 Resp: 44768
Ion Ratio Lower Upper
131 100
133 98.1 47.7 143.1
119 66.9 32.8 98.3





#67

Ethyl Benzene

Concen: 37.390 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

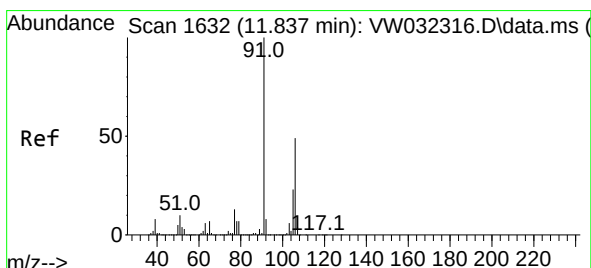
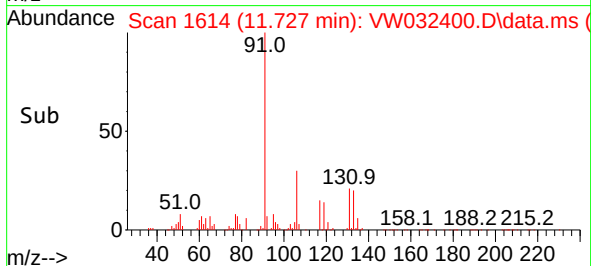
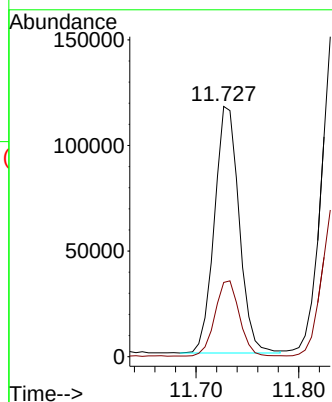
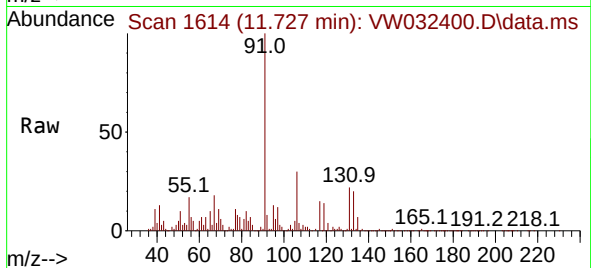
PR132-S07-000102-20251017MS

Tgt Ion: 91 Resp: 194676

Ion Ratio Lower Upper

91 100

106 29.8 25.3 37.9



#68

m/p-Xylenes

Concen: 74.236 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032400.D

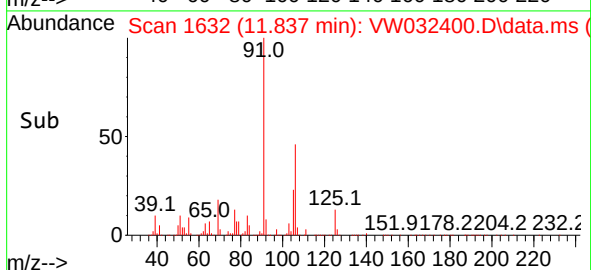
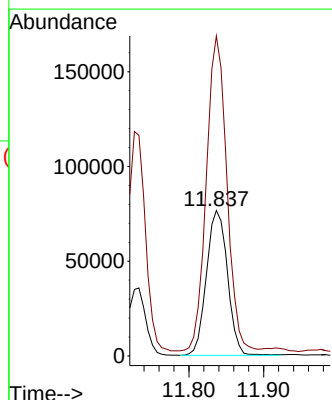
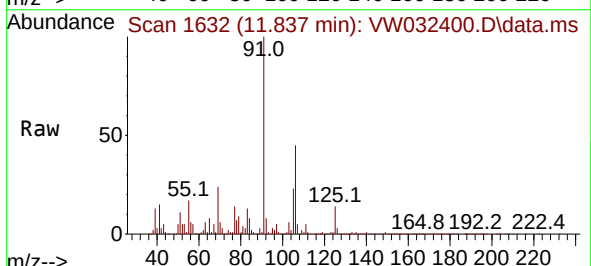
Acq: 20 Oct 2025 19:20

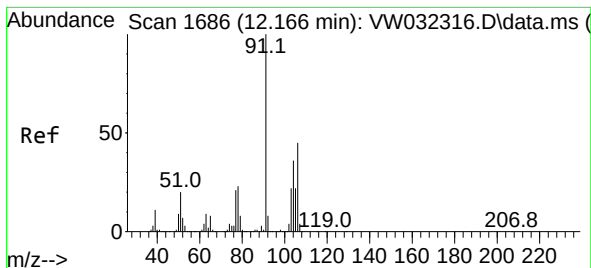
Tgt Ion:106 Resp: 149045

Ion Ratio Lower Upper

106 100

91 211.1 164.2 246.2

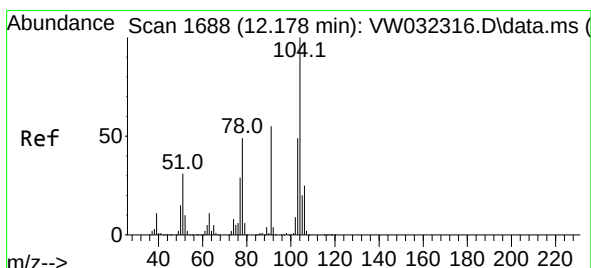
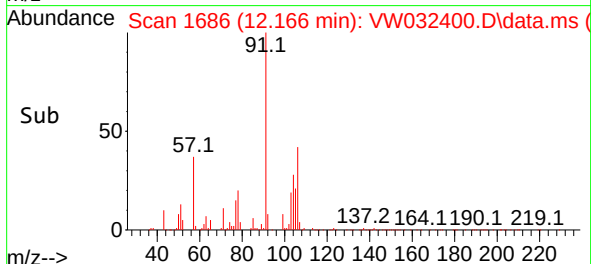
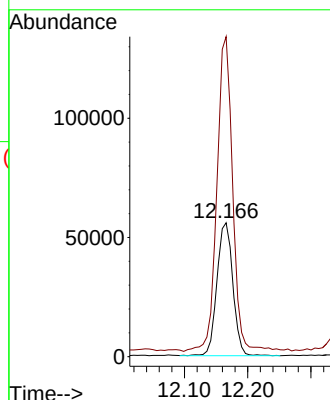
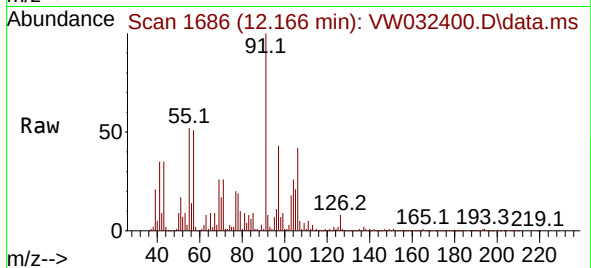




#69
o-Xylene
Concen: 51.563 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

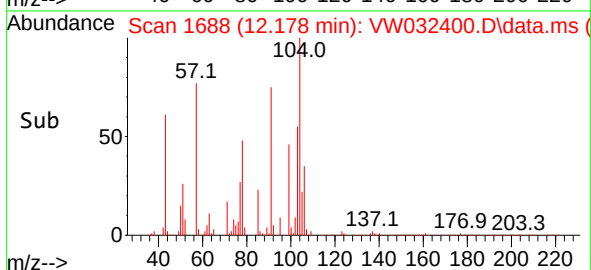
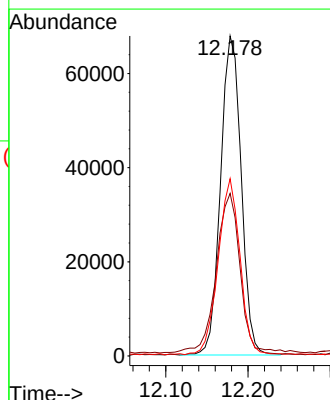
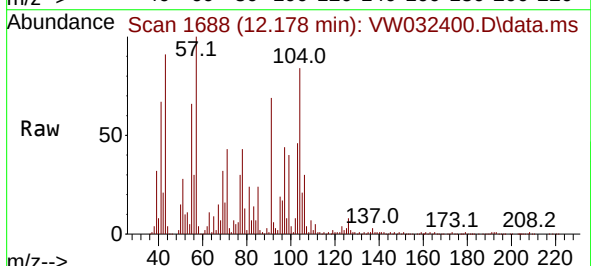
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

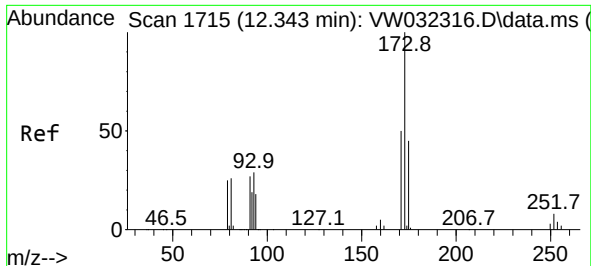
Tgt Ion:106 Resp: 96813
Ion Ratio Lower Upper
106 100
91 236.0 108.7 326.3



#70
Styrene
Concen: 36.149 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

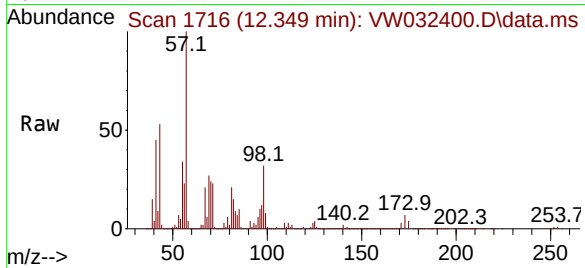
Tgt Ion:104 Resp: 118500
Ion Ratio Lower Upper
104 100
78 57.9 41.6 62.4
103 58.4 44.8 67.2



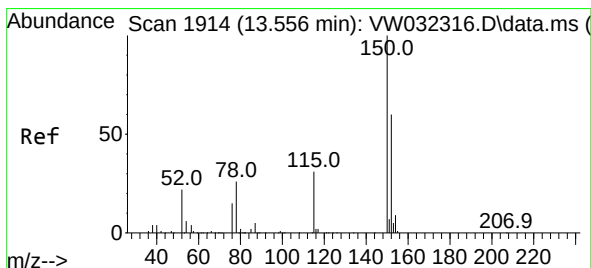
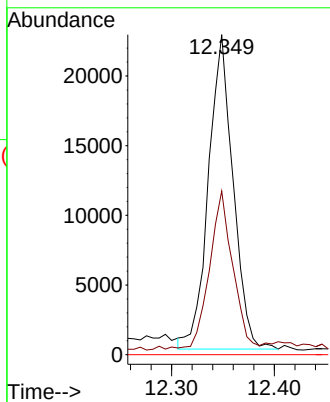
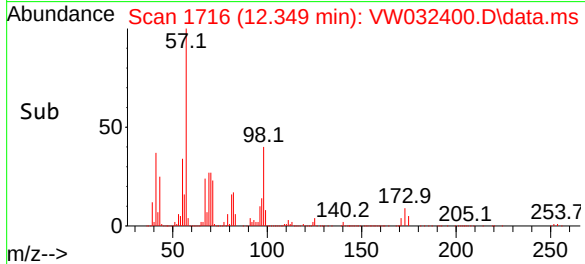


#71
Bromoform
Concen: 67.377 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

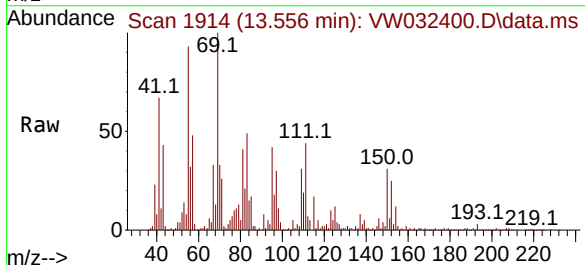
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS



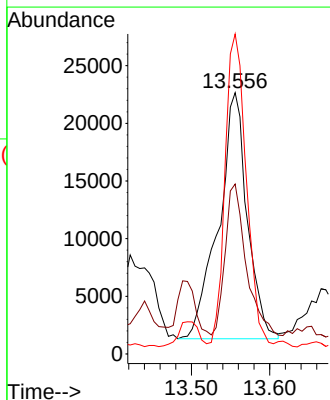
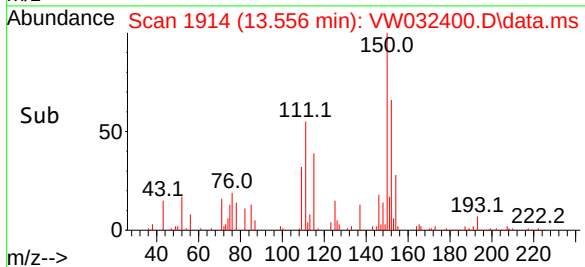
Tgt Ion:173 Resp: 37573
Ion Ratio Lower Upper
173 100
175 46.0 24.9 74.7
254 0.0 0.2 0.2#

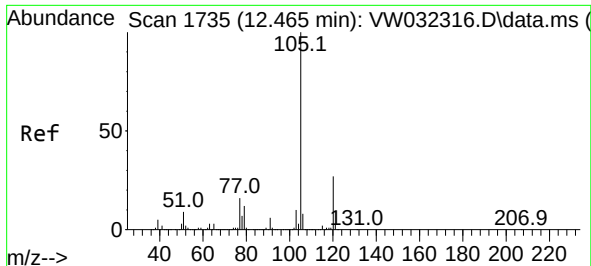


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20



Tgt Ion:152 Resp: 54387
Ion Ratio Lower Upper
152 100
115 45.1 31.8 95.4
150 92.5 0.0 343.0

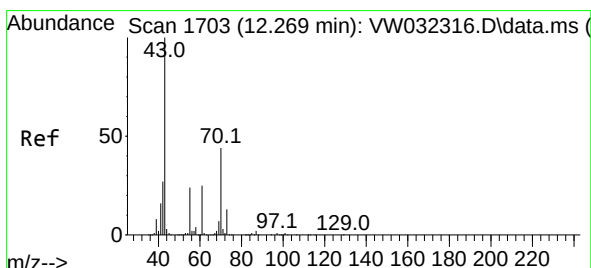
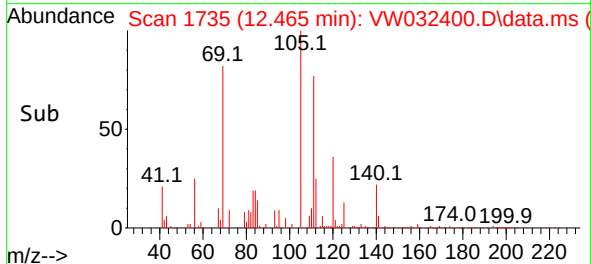
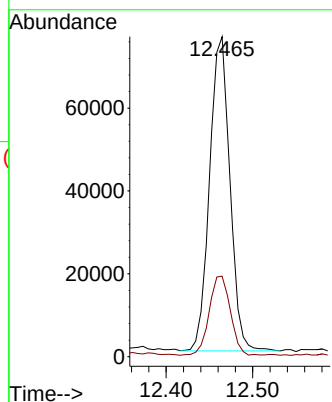
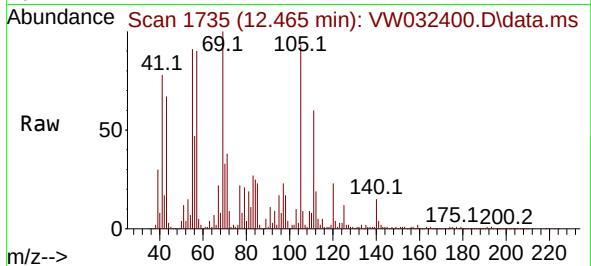




#73
Isopropylbenzene
Concen: 33.250 ug/l
RT: 12.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

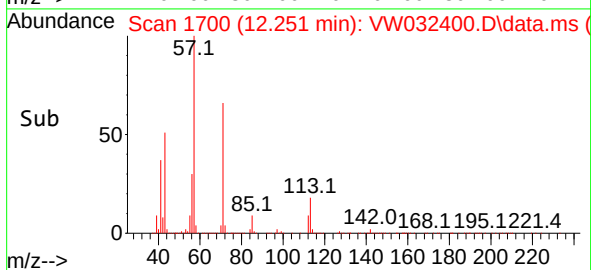
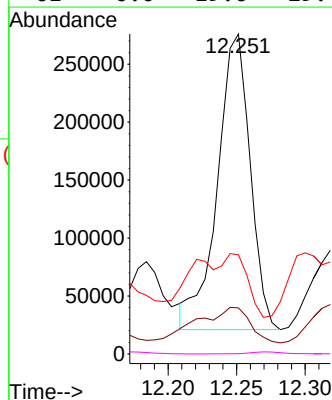
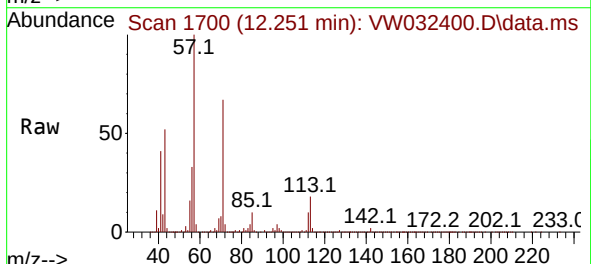
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

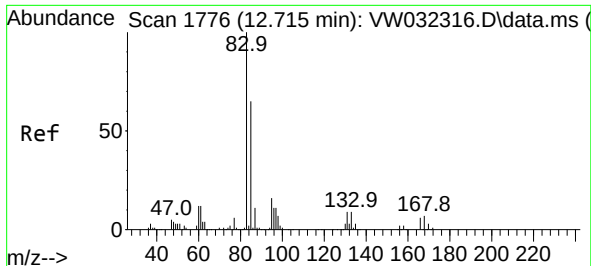
Tgt Ion:105 Resp: 123721
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 357.696 ug/l
RT: 12.251 min Scan# 1700
Delta R.T. -0.018 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 43 Resp: 424595
Ion Ratio Lower Upper
43 100
70 20.2 35.3 52.9#
55 0.0 19.9 29.9#
61 0.0 19.6 29.4#

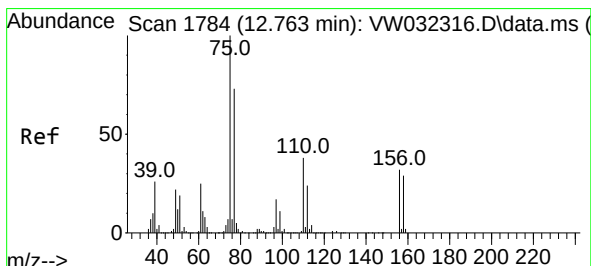
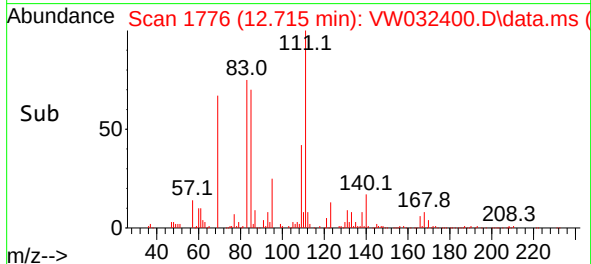
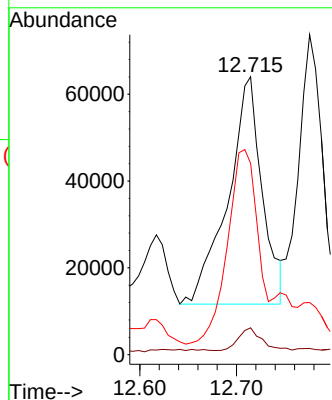
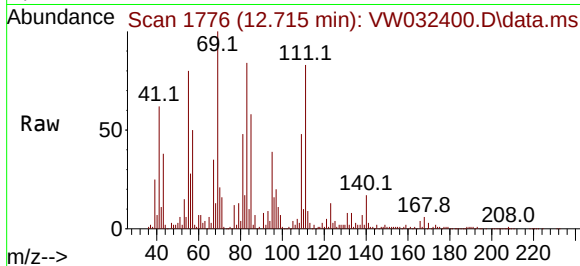




#75
 1,1,2,2-Tetrachloroethane
 Concen: 139.478 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

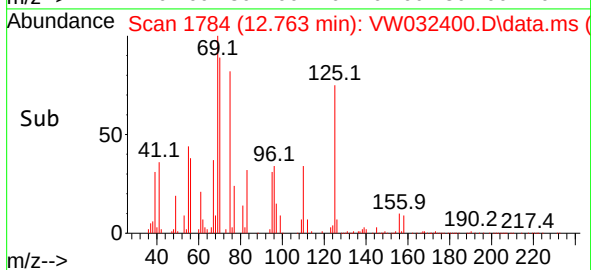
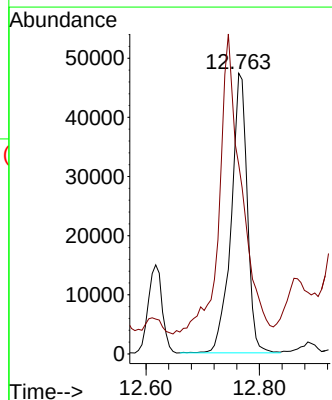
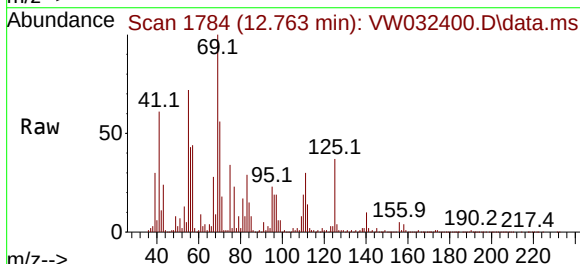
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MS

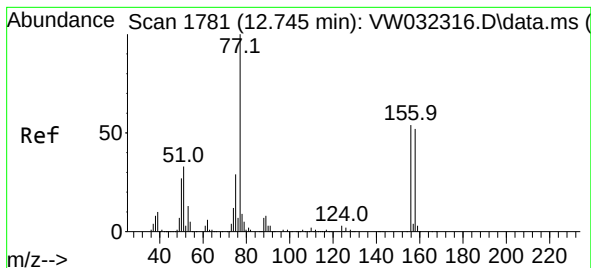
Tgt Ion: 83 Resp: 128863
 Ion Ratio Lower Upper
 83 100
 131 6.7 5.1 15.4
 85 79.2 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 130.356 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

Tgt Ion: 75 Resp: 93297
 Ion Ratio Lower Upper
 75 100
 77 145.6 141.7 425.1





#77

Bromobenzene

Concen: 47.406 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

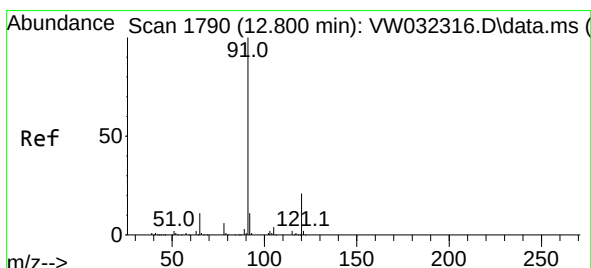
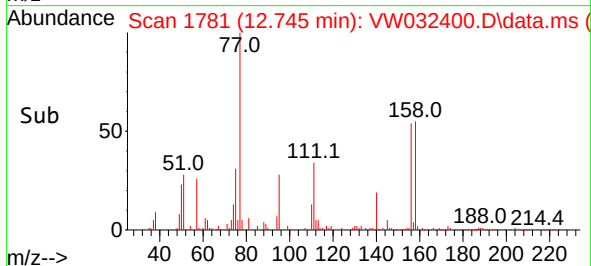
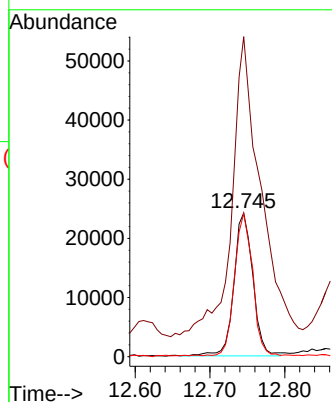
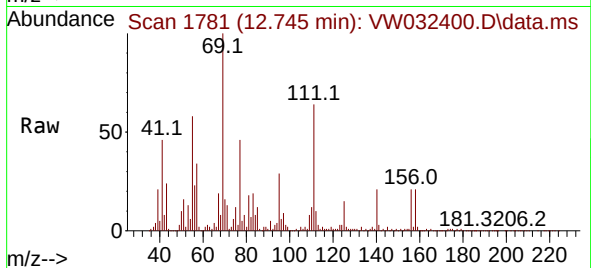
Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

Tgt Ion:	156	Resp:	42521
Ion Ratio	Lower	Upper	
156	100		
77	319.6	98.6	295.7#
158	95.1	48.4	145.0



#78

n-propylbenzene

Concen: 27.459 ug/l

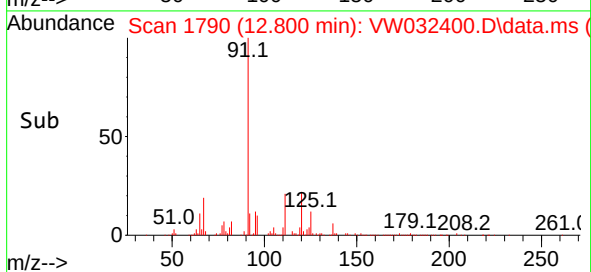
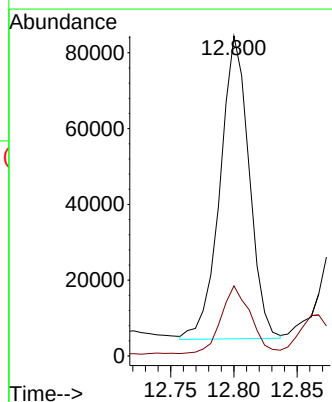
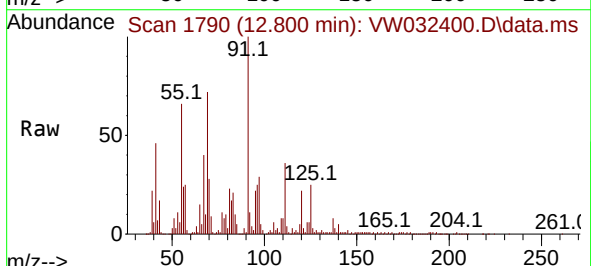
RT: 12.800 min Scan# 1790

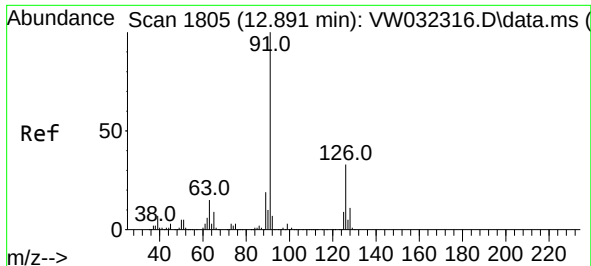
Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Tgt Ion:	91	Resp:	127627
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.8	35.4

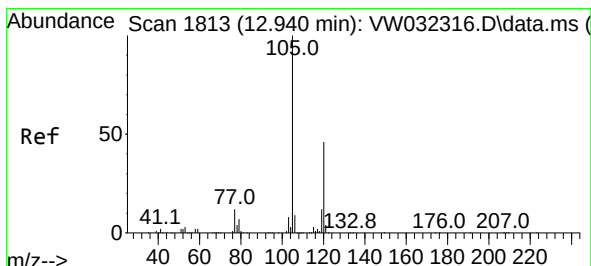
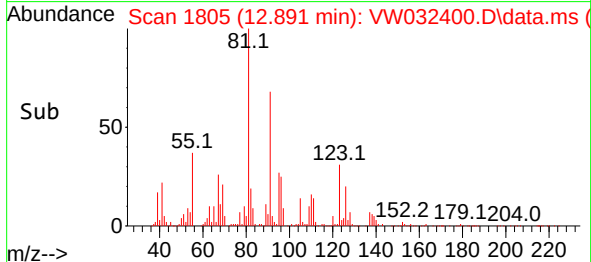
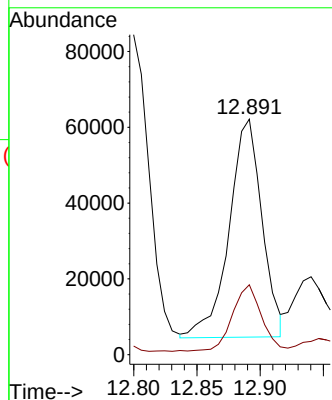
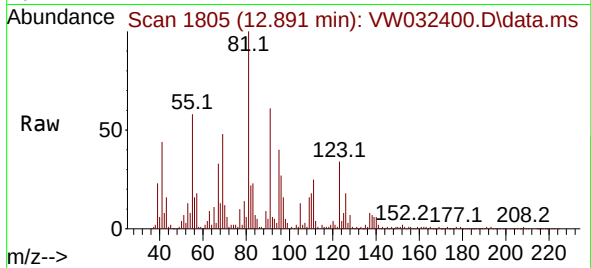




#79
2-Chlorotoluene
Concen: 36.739 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

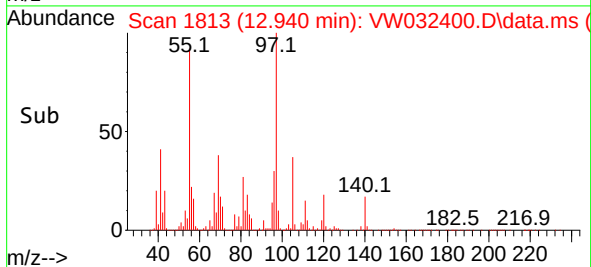
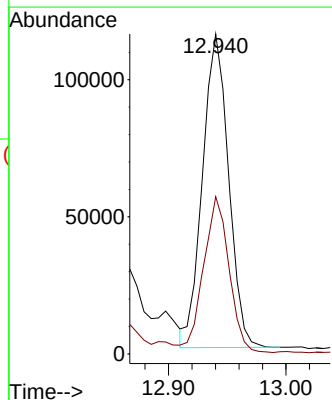
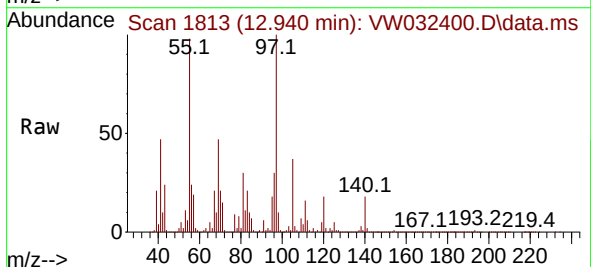
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

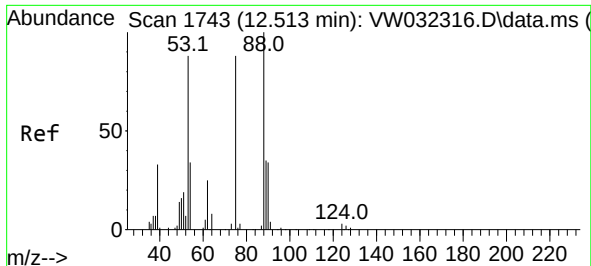
Tgt Ion: 91 Resp: 104408
Ion Ratio Lower Upper
91 100
126 27.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.761 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 105 Resp: 176191
Ion Ratio Lower Upper
105 100
120 48.4 24.8 74.4

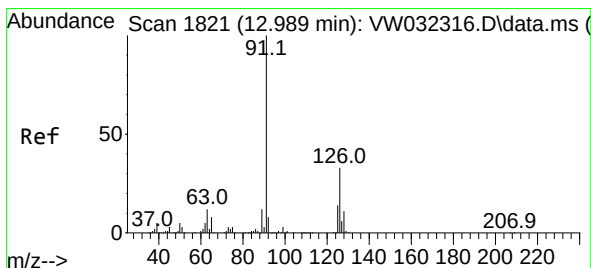
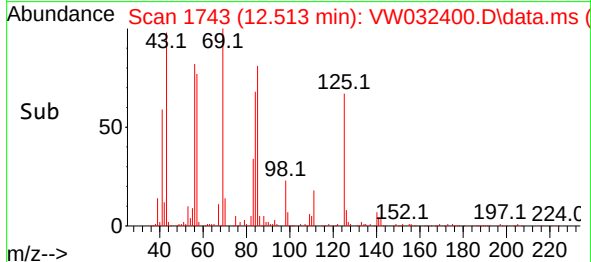
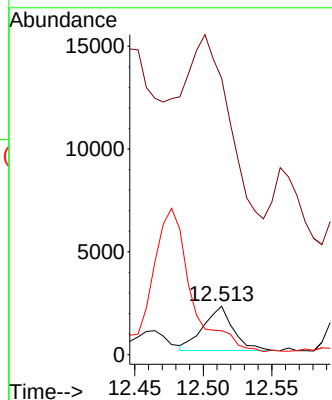
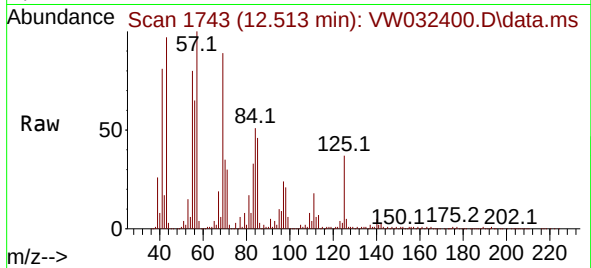




#81
trans-1,4-Dichloro-2-butene
Concen: 11.458 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

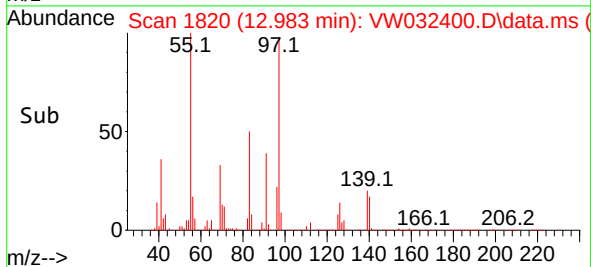
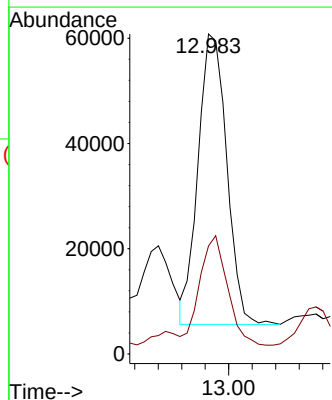
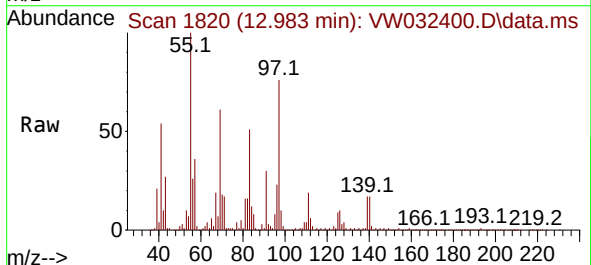
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

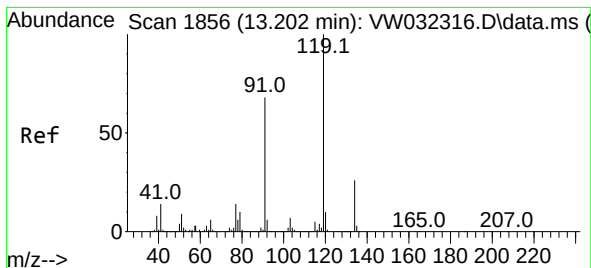
Tgt Ion: 75 Resp: 3237
Ion Ratio Lower Upper
75 100
53 539.3 91.0 136.6#
89 0.0 39.4 59.2#



#82
4-Chlorotoluene
Concen: 30.960 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 91 Resp: 93543
Ion Ratio Lower Upper
91 100
126 37.4 16.1 48.2

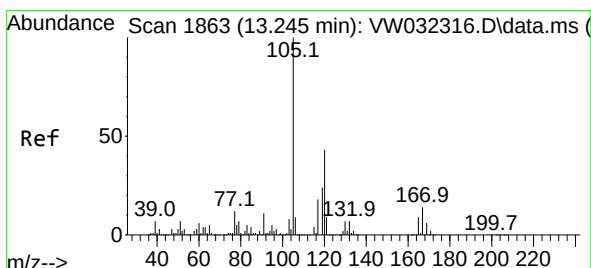
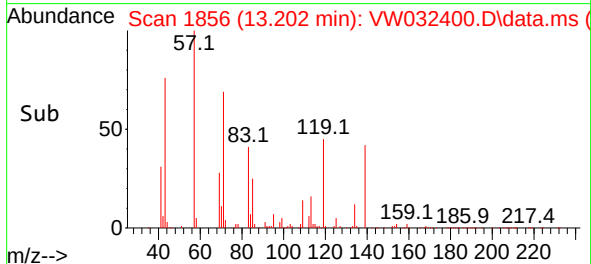
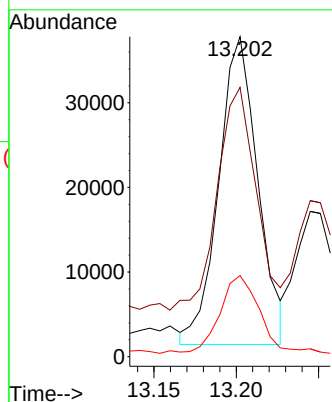
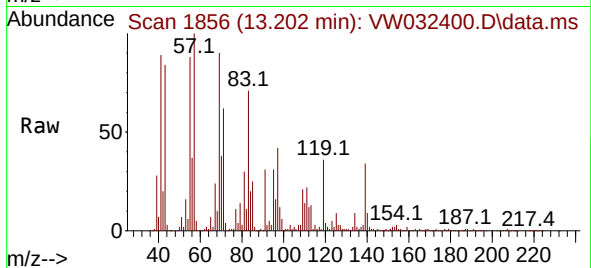




#83
tert-Butylbenzene
Concen: 22.682 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

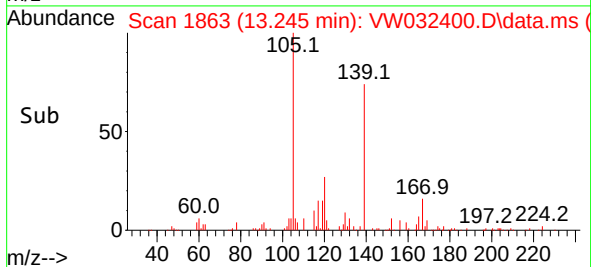
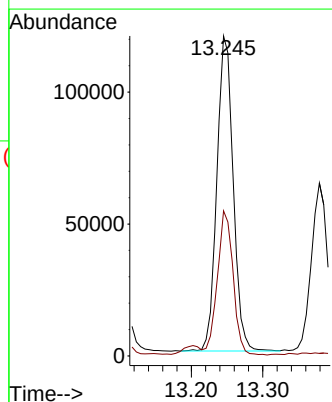
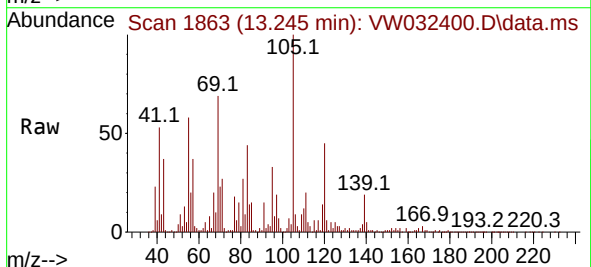
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

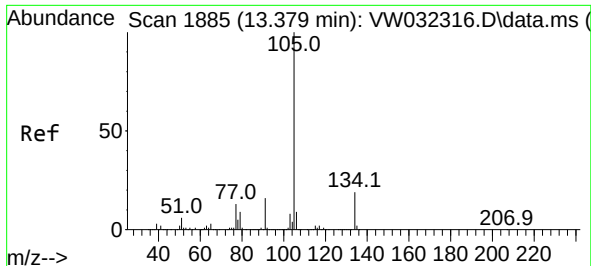
Tgt Ion:119 Resp: 59879
Ion Ratio Lower Upper
119 100
91 71.4 33.8 101.3
134 27.0 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 57.886 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:105 Resp: 189380
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.3

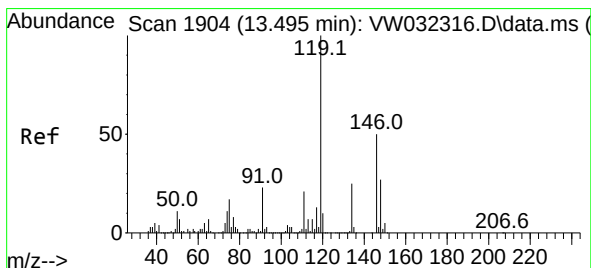
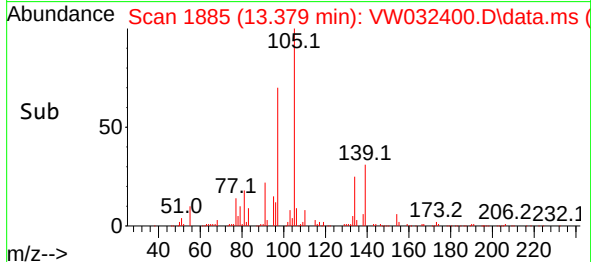
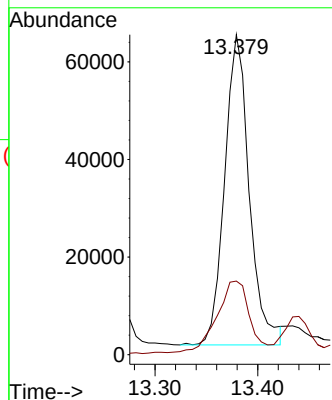
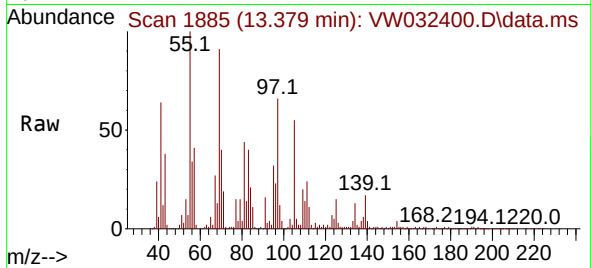




#85
 sec-Butylbenzene
 Concen: 26.257 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

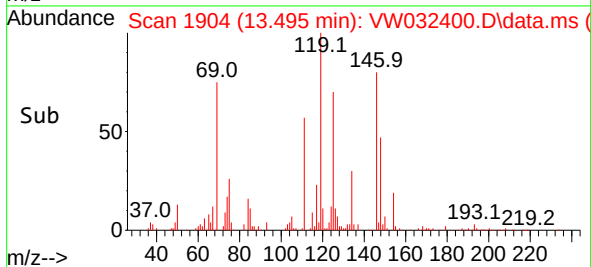
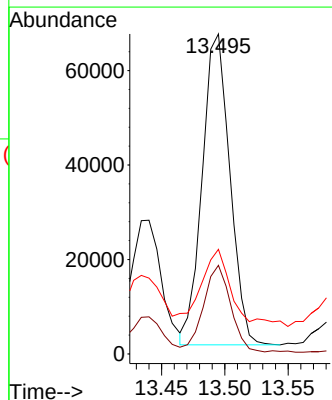
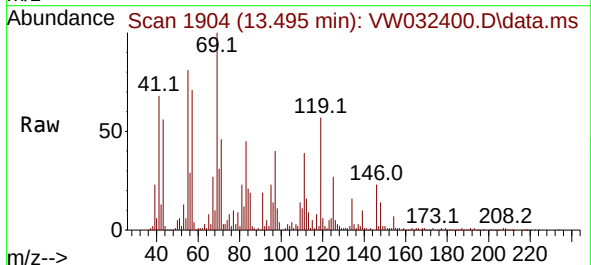
Instrument :
 MSVOA_W
 ClientSampleId :
 PR132-S07-000102-20251017MS

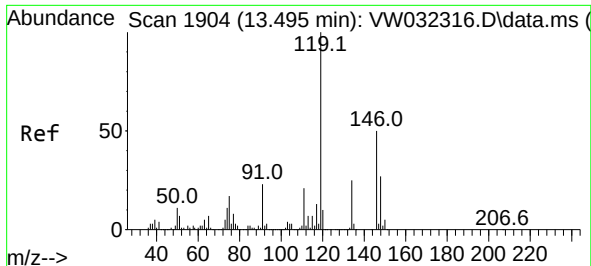
Tgt Ion:105 Resp: 105926
 Ion Ratio Lower Upper
 105 100
 134 31.6 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 29.952 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032400.D
 Acq: 20 Oct 2025 19:20

Tgt Ion:119 Resp: 100262
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.6 37.6
 91 27.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 24.419 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

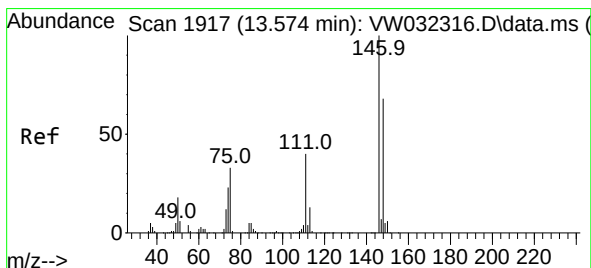
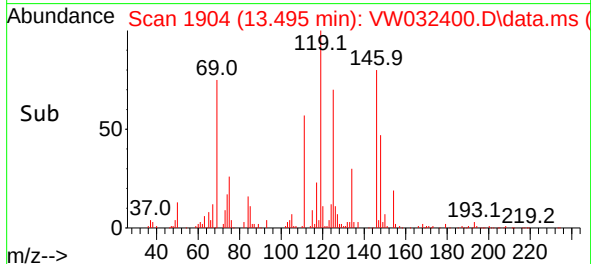
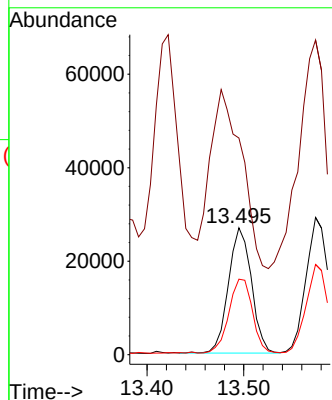
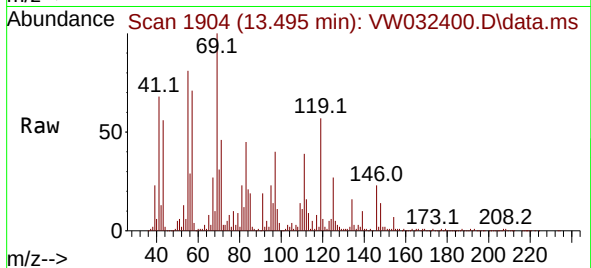
Tgt Ion:146 Resp: 44352

Ion Ratio Lower Upper

146 100

111 194.0 20.6 61.9#

148 60.2 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 25.838 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

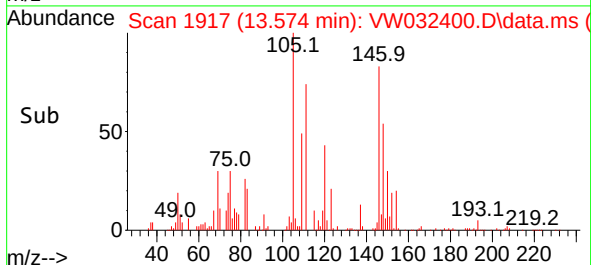
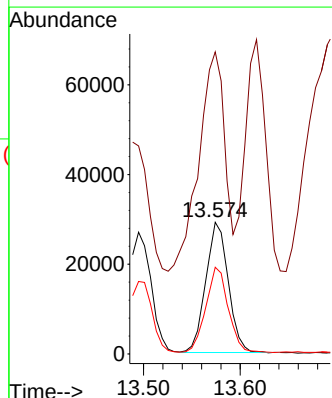
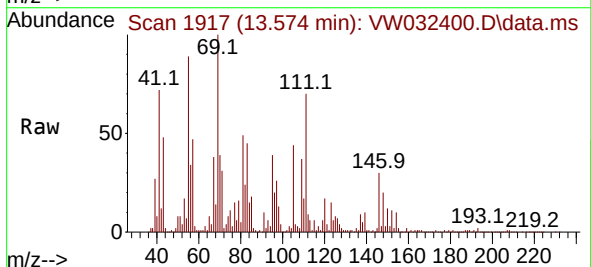
Tgt Ion:146 Resp: 46923

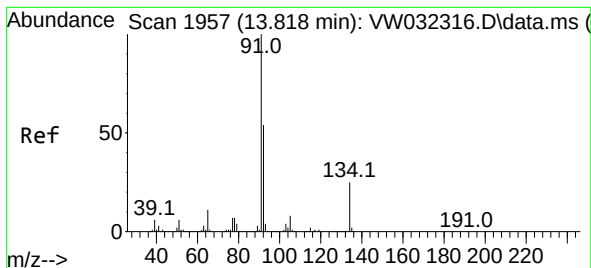
Ion Ratio Lower Upper

146 100

111 195.3 21.3 63.7#

148 65.1 33.4 100.1





#89

n-Butylbenzene

Concen: 16.413 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

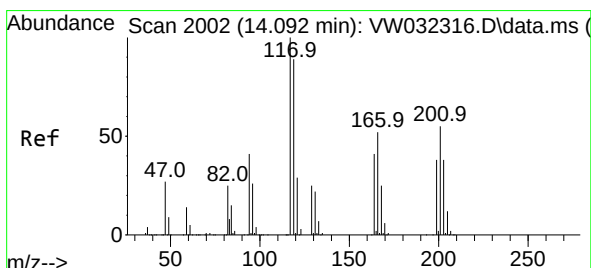
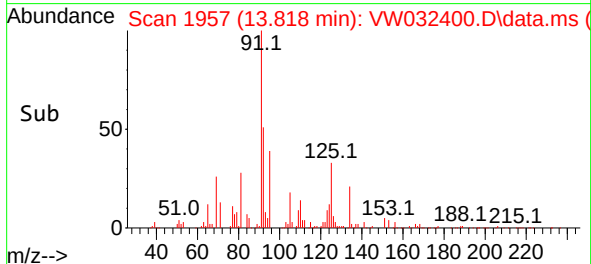
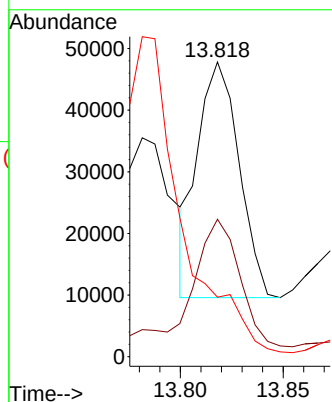
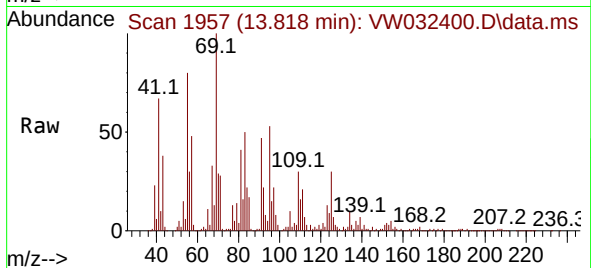
Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

Tgt Ion:	91	Resp:	53644
Ion	Ratio	Lower	Upper
91	100		
92	64.5	27.0	81.0
134	0.0	13.1	39.3



#90

Hexachloroethane

Concen: 32.800 ug/l

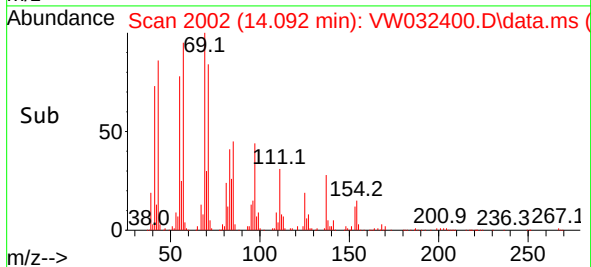
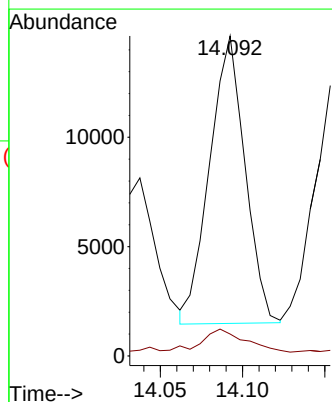
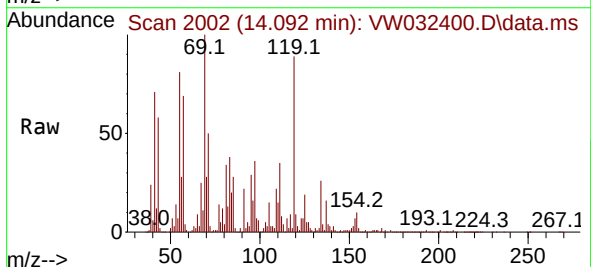
RT: 14.092 min Scan# 2002

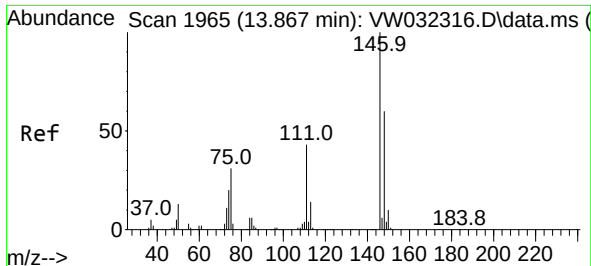
Delta R.T. 0.006 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Tgt Ion:	117	Resp:	19680
Ion	Ratio	Lower	Upper
117	100		
201	9.8	32.8	98.4

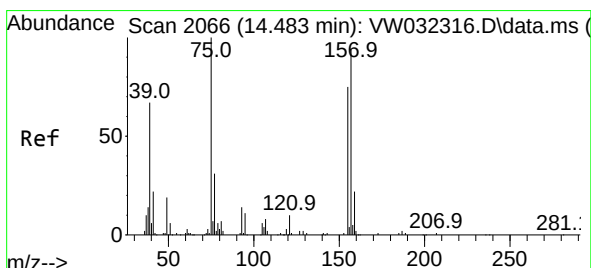
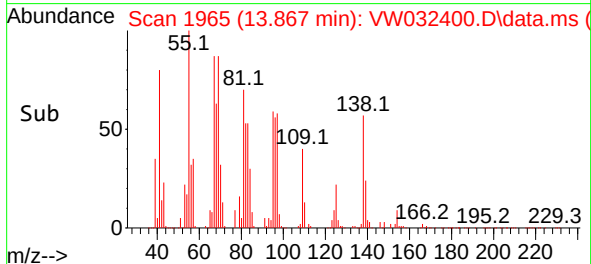
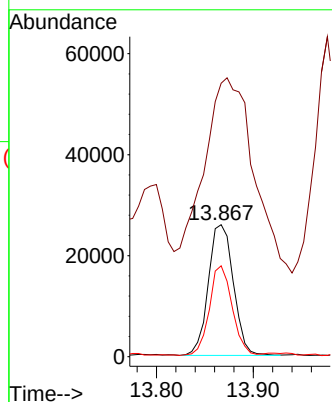
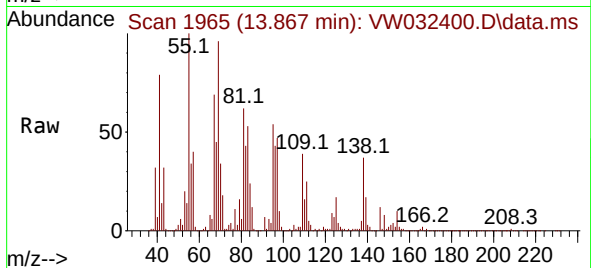




#91
1,2-Dichlorobenzene
Concen: 28.380 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

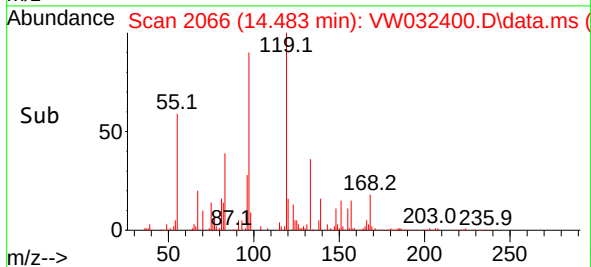
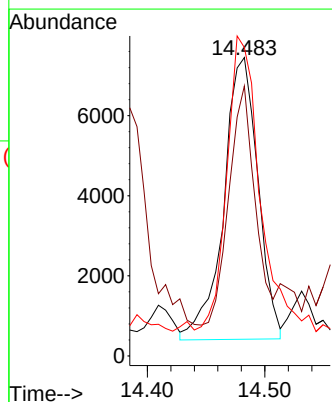
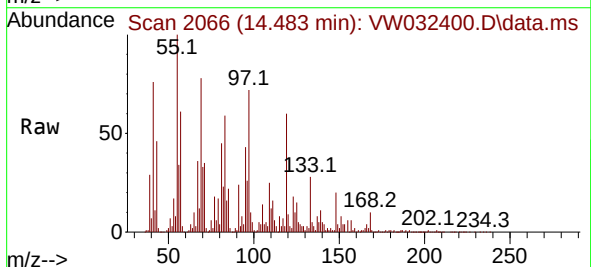
Instrument :
MSVOA_W
ClientSampleId :
PR132-S07-000102-20251017MS

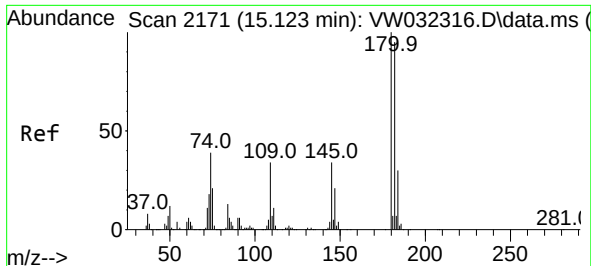
Tgt Ion:146 Resp: 46595
Ion Ratio Lower Upper
146 100
111 327.6 23.4 70.0#
148 62.4 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 88.285 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion: 75 Resp: 14281
Ion Ratio Lower Upper
75 100
155 64.5 40.8 122.5
157 107.6 51.8 155.4

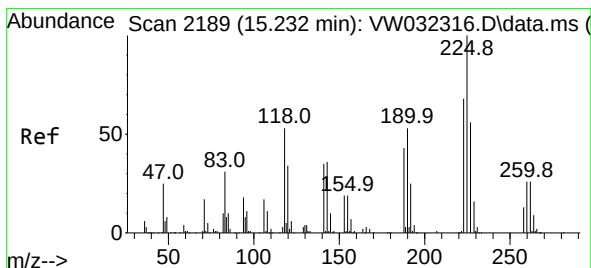
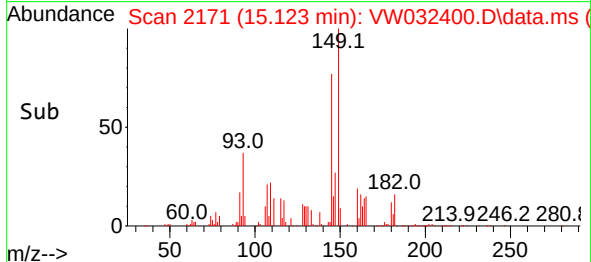
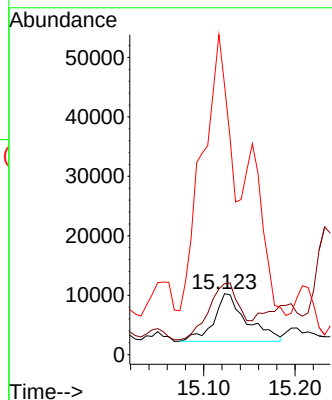
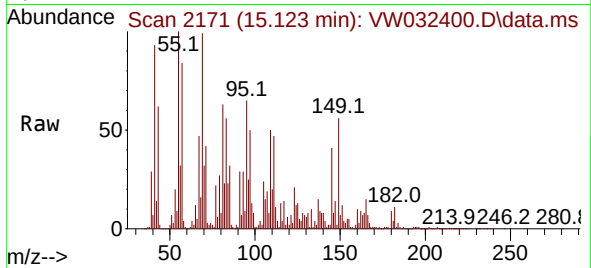




#93
1,2,4-Trichlorobenzene
Concen: 20.134 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

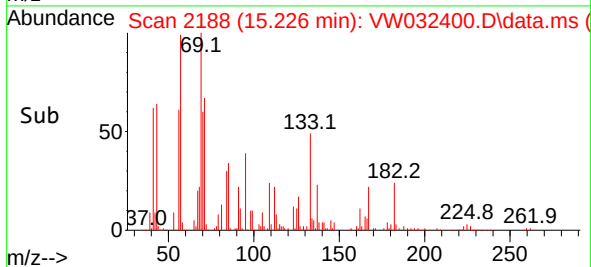
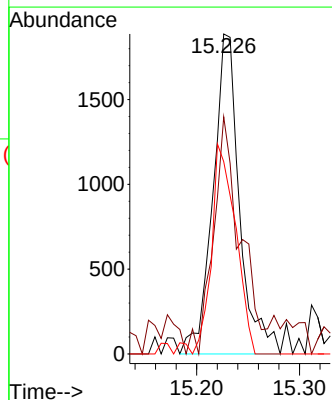
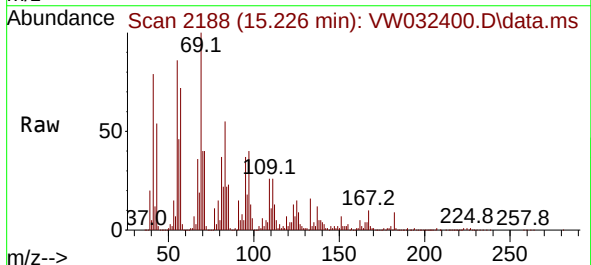
Instrument : MSVOA_W
ClientSampleId : PR132-S07-000102-20251017MS

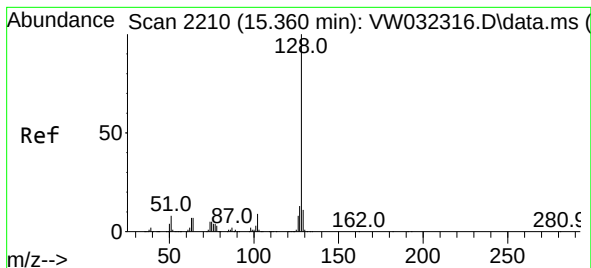
Tgt Ion:180 Resp: 19822
Ion Ratio Lower Upper
180 100
182 117.6 47.4 142.2
145 627.6 16.4 49.1#



#94
Hexachlorobutadiene
Concen: 7.516 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032400.D
Acq: 20 Oct 2025 19:20

Tgt Ion:225 Resp: 3383
Ion Ratio Lower Upper
225 100
223 76.0 29.8 89.3
227 60.7 30.5 91.5





#95

Naphthalene

Concen: 89.927 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Instrument :

MSVOA_W

ClientSampleId :

PR132-S07-000102-20251017MS

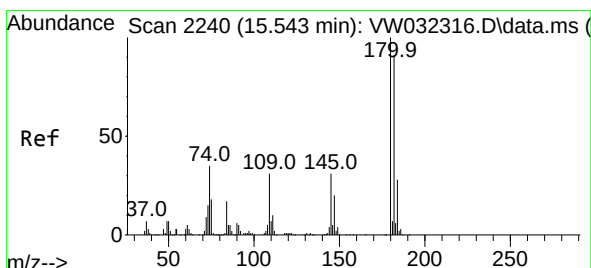
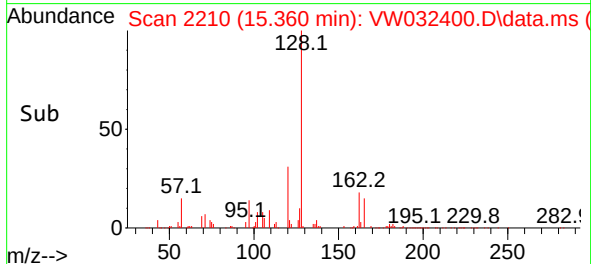
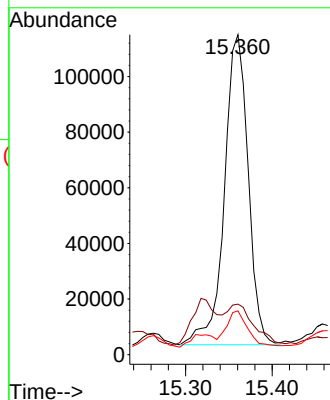
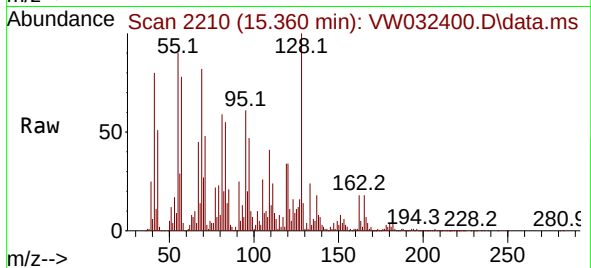
Tgt Ion:128 Resp: 212612

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 9.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.830 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032400.D

Acq: 20 Oct 2025 19:20

Tgt Ion:180 Resp: 16545

Ion Ratio Lower Upper

180 100

182 77.7 47.7 143.1

145 478.1 17.2 51.6#

