

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032373.D
 Acq On : 07 Oct 2025 11:02
 Operator : SY/MD
 Sample : VW1007SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Quant Time: Oct 08 03:19:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	275185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	506458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	451505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	227270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	196778	49.026	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.060%
35) Dibromofluoromethane	7.898	113	158773	48.408	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.820%
50) Toluene-d8	10.325	98	615612	50.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.617	95	225184	49.216	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	40612	23.518	ug/l	96
3) Chloromethane	2.259	50	55411	20.796	ug/l	97
4) Vinyl Chloride	2.405	62	69688	21.907	ug/l	99
5) Bromomethane	2.820	94	48052	20.555	ug/l	97
6) Chloroethane	2.972	64	44784	21.324	ug/l	100
7) Trichlorofluoromethane	3.308	101	54116	22.721	ug/l	95
8) Diethyl Ether	3.722	74	43042	20.855	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.094	101	63225	22.132	ug/l	94
10) Methyl Iodide	4.308	142	85504	20.977	ug/l	99
11) Tert butyl alcohol	5.222	59	25154	82.794	ug/l #	86
12) 1,1-Dichloroethene	4.076	96	69483	22.404	ug/l	95
13) Acrolein	3.930	56	41736	84.645	ug/l	100
14) Allyl chloride	4.704	41	103515	19.761	ug/l	91
15) Acrylonitrile	5.405	53	105575	98.328	ug/l	97
16) Acetone	4.161	43	100964	90.846	ug/l	92
17) Carbon Disulfide	4.417	76	178120	21.049	ug/l	99
18) Methyl Acetate	4.710	43	60015	18.851	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	116700	19.105	ug/l	94
20) Methylene Chloride	4.960	84	78042	17.766	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	73029	21.268	ug/l	97
22) Diisopropyl ether	6.344	45	221512	20.333	ug/l	95
23) Vinyl Acetate	6.283	43	713758	98.089	ug/l	99
24) 1,1-Dichloroethane	6.246	63	138641	20.947	ug/l	100
25) 2-Butanone	7.197	43	135490	89.513	ug/l	100
26) 2,2-Dichloropropane	7.185	77	68990	20.378	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	82908	20.099	ug/l	94
28) Bromochloromethane	7.533	49	61626	19.790	ug/l	88
29) Tetrahydrofuran	7.557	42	91570	96.199	ug/l	94
30) Chloroform	7.697	83	142766	21.269	ug/l	99
31) Cyclohexane	7.971	56	120559	21.336	ug/l	95
32) 1,1,1-Trichloroethane	7.892	97	100910	21.215	ug/l	98
36) 1,1-Dichloropropene	8.100	75	100445	21.700	ug/l	97
37) Ethyl Acetate	7.277	43	59762	19.397	ug/l	97
38) Carbon Tetrachloride	8.081	117	95888	22.014	ug/l	94
39) Methylcyclohexane	9.343	83	118731	21.265	ug/l	92
40) Benzene	8.337	78	306529	21.127	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	34849	20.988	ug/l	89
42) 1,2-Dichloroethane	8.417	62	97985	20.640	ug/l	99
43) Isopropyl Acetate	8.435	43	106530	19.491	ug/l	98
44) Trichloroethene	9.099	130	70330	20.702	ug/l	94
45) 1,2-Dichloropropane	9.374	63	76114	21.017	ug/l	99
46) Dibromomethane	9.465	93	45854	20.591	ug/l	95
47) Bromodichloromethane	9.654	83	105527	20.718	ug/l	98
48) Methyl methacrylate	9.441	41	50653	19.061	ug/l	92
49) 1,4-Dioxane	9.465	88	12452	409.095	ug/l	91
51) 4-Methyl-2-Pentanone	10.215	43	312919	98.846	ug/l	98
52) Toluene	10.392	92	192112	21.262	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	96722	19.573	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	112592	19.780	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	62270	20.922	ug/l	98
56) Ethyl methacrylate	10.648	69	79037	18.972	ug/l	96
57) 1,3-Dichloropropane	10.934	76	107144	20.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	201252	90.773	ug/l	96
59) 2-Hexanone	10.971	43	211955	94.930	ug/l	98
60) Dibromochloromethane	11.129	129	67003	19.826	ug/l	97
61) 1,2-Dibromoethane	11.239	107	58990	20.326	ug/l	98
64) Tetrachloroethene	10.861	164	58192	21.539	ug/l	88
65) Chlorobenzene	11.654	112	208176	20.955	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	65684	21.228	ug/l	98
67) Ethyl Benzene	11.727	91	346328	20.915	ug/l	97
68) m/p-Xylenes	11.837	106	276133	43.245	ug/l	99
69) o-Xylene	12.166	106	122824	20.569	ug/l	95
70) Styrene	12.178	104	225190	21.599	ug/l	97
71) Bromoform	12.349	173	35092	19.786	ug/l #	99
73) Isopropylbenzene	12.465	105	322321	20.730	ug/l	100
74) N-amyl acetate	12.270	43	95839	19.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	79941	20.706	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	98163	32.822	ug/l #	1
77) Bromobenzene	12.745	156	76053	20.291	ug/l	86
78) n-propylbenzene	12.800	91	416312	21.434	ug/l	97
79) 2-Chlorotoluene	12.891	91	247520	20.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	281385	20.929	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	21752	18.425	ug/l	97
82) 4-Chlorotoluene	12.983	91	262210	20.768	ug/l	98
83) tert-Butylbenzene	13.202	119	232525	21.078	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	284158	20.785	ug/l	100
85) sec-Butylbenzene	13.379	105	361502	21.444	ug/l	99
86) p-Isopropyltoluene	13.495	119	297342	21.257	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	157645	20.771	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	153489	20.225	ug/l	97
89) n-Butylbenzene	13.818	91	288939	21.156	ug/l	98
90) Hexachloroethane	14.086	117	54120	21.585	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	142357	20.749	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	13335	19.728	ug/l	85
93) 1,2,4-Trichlorobenzene	15.129	180	82795	20.125	ug/l	99
94) Hexachlorobutadiene	15.226	225	38591	20.517	ug/l	92
95) Naphthalene	15.360	128	188816	19.111	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	73925	19.064	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

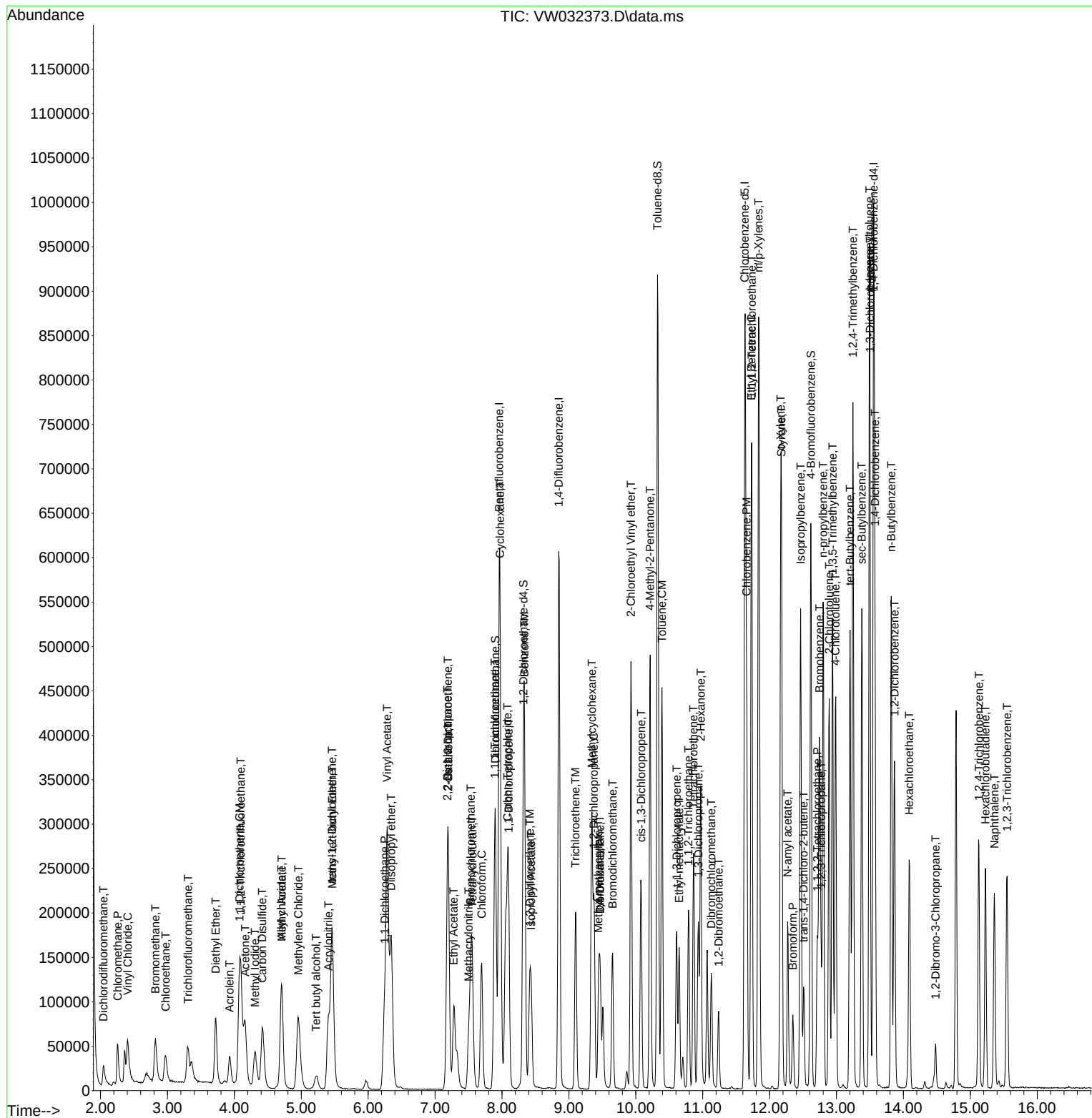
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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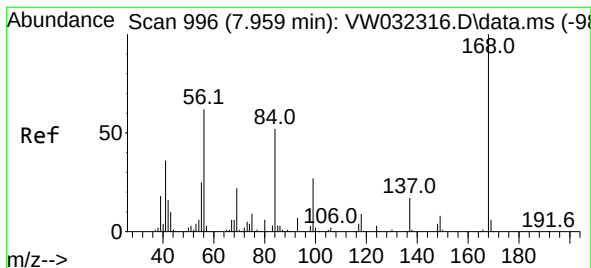
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

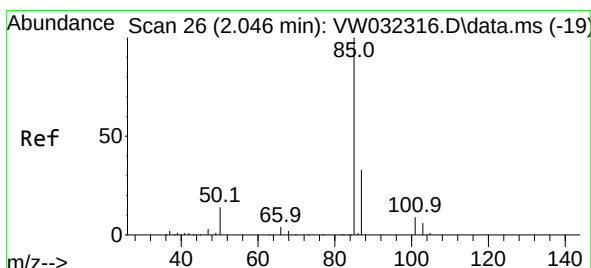
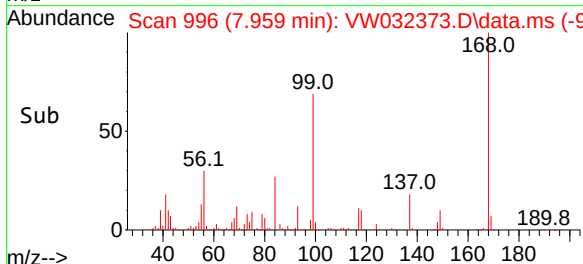
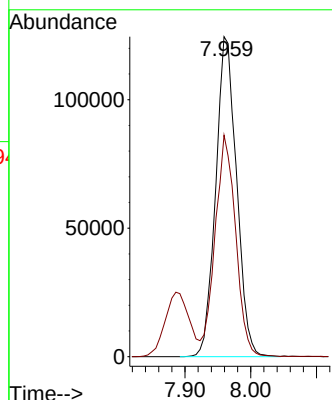
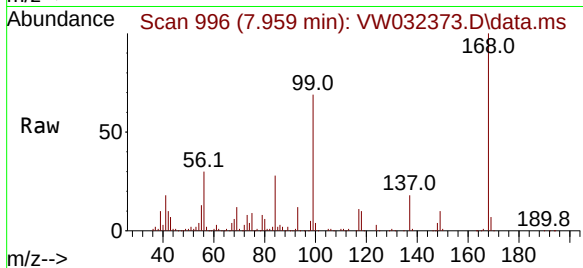
VW1007SBSD01

Tgt Ion:168 Resp: 275185

Ion Ratio Lower Upper

168 100

99 69.1 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 23.518 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032373.D

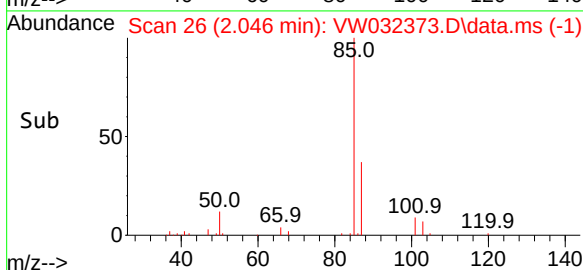
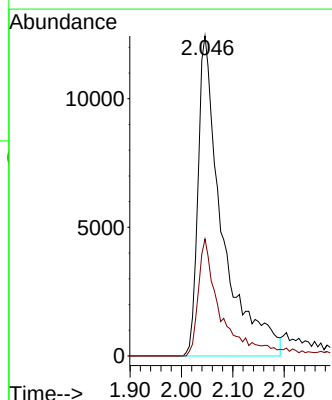
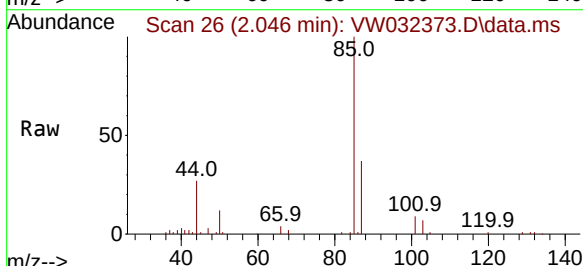
Acq: 07 Oct 2025 11:02

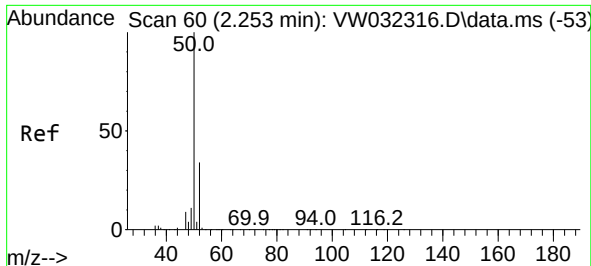
Tgt Ion: 85 Resp: 40612

Ion Ratio Lower Upper

85 100

87 36.5 17.2 51.6

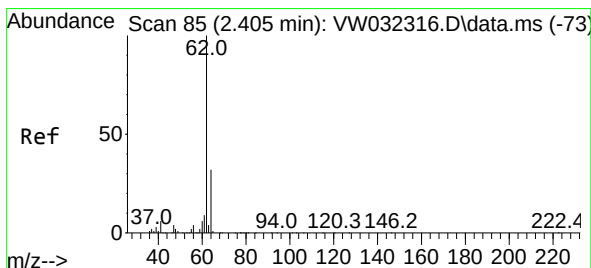
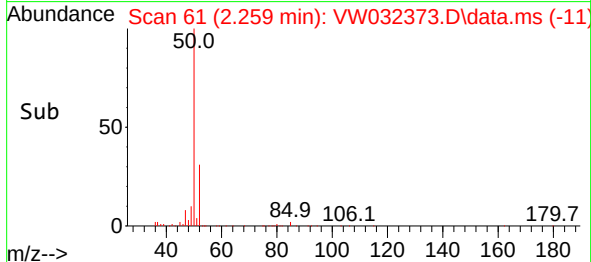
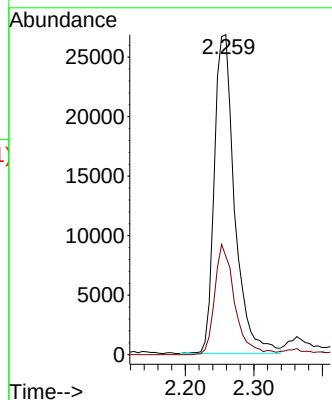
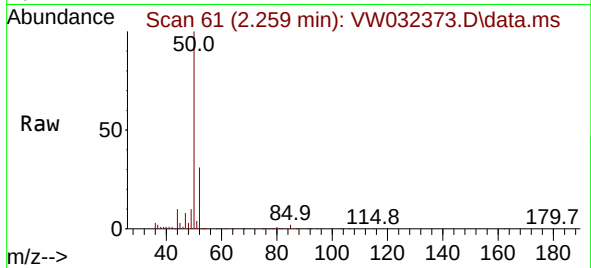




#3
Chloromethane
Concen: 20.796 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

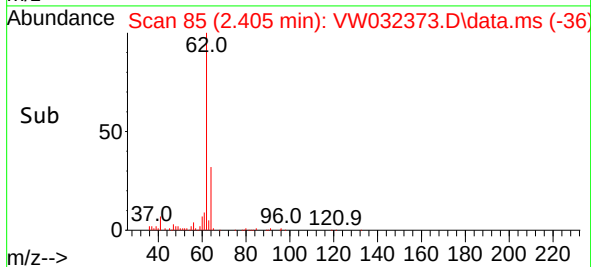
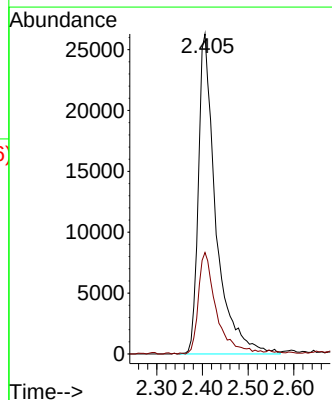
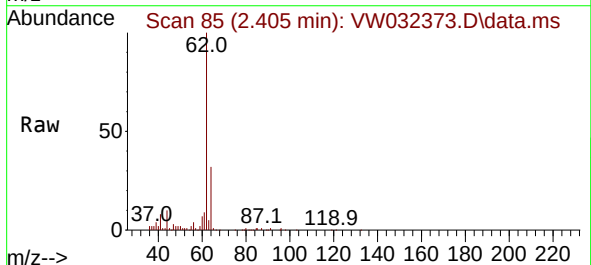
Instrument :
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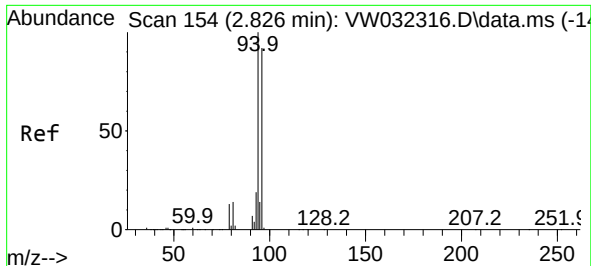
Tgt Ion: 50 Resp: 55411
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1



#4
Vinyl Chloride
Concen: 21.907 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 62 Resp: 69688
Ion Ratio Lower Upper
62 100
64 31.4 24.8 37.2

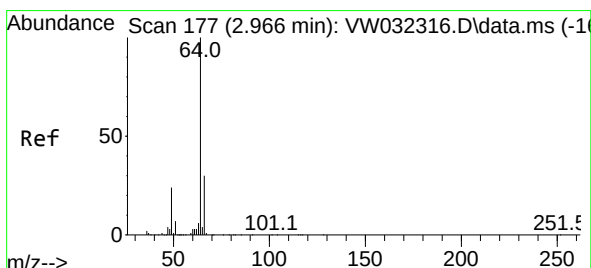
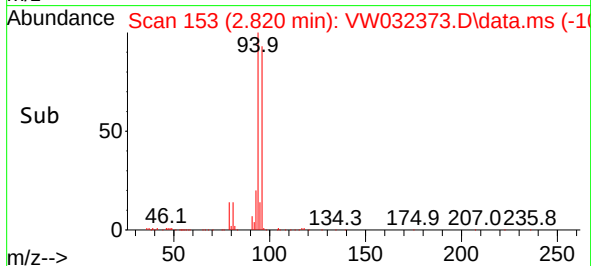
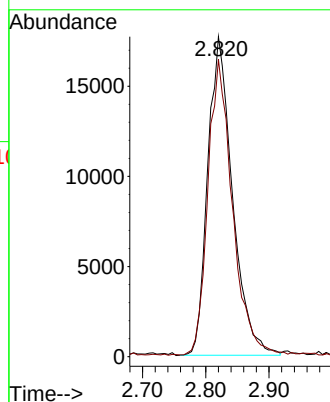
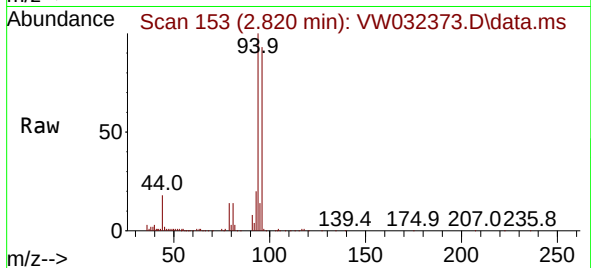




#5
Bromomethane
Concen: 20.555 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

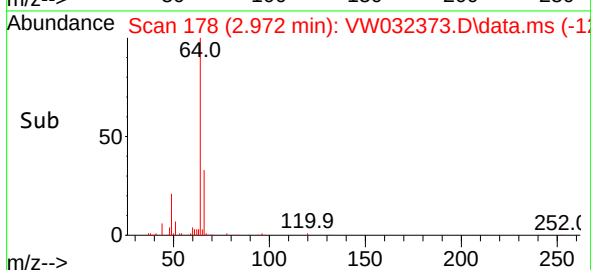
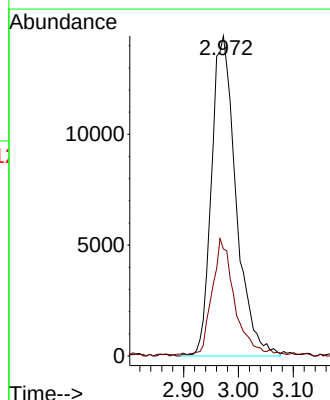
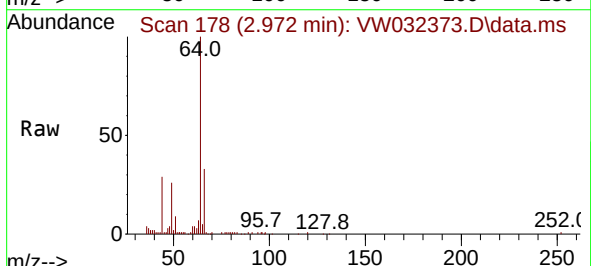
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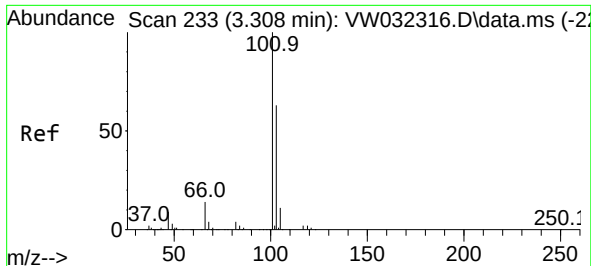
Tgt Ion: 94 Resp: 48052
Ion Ratio Lower Upper
94 100
96 92.8 76.6 115.0



#6
Chloroethane
Concen: 21.324 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 64 Resp: 44784
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

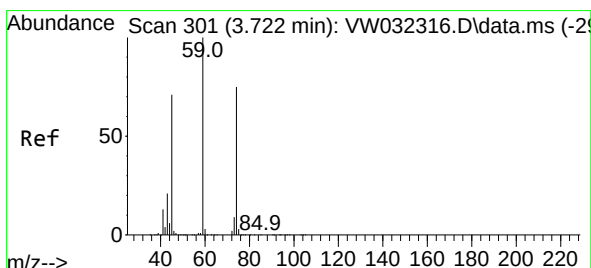
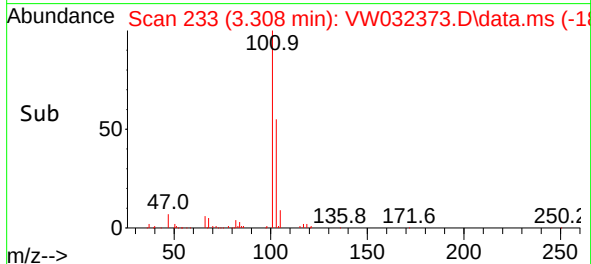
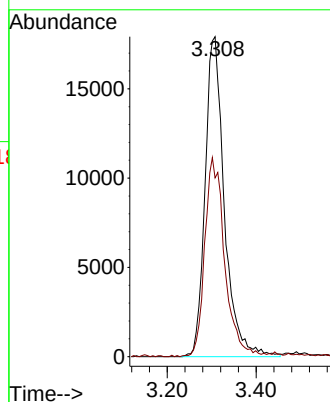
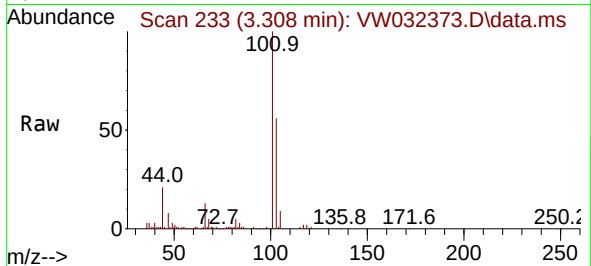




#7
 Trichlorofluoromethane
 Concen: 22.721 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

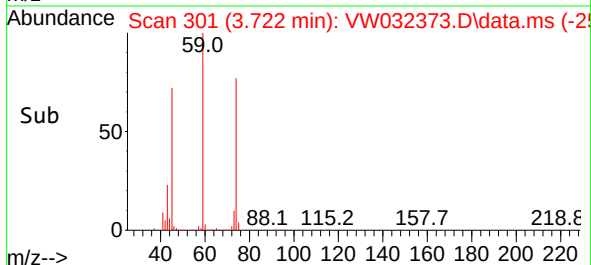
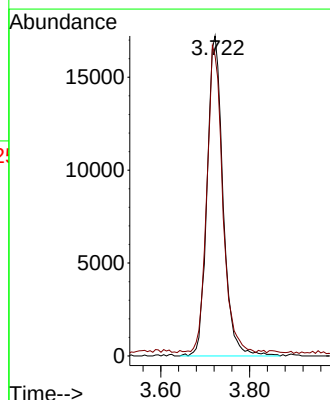
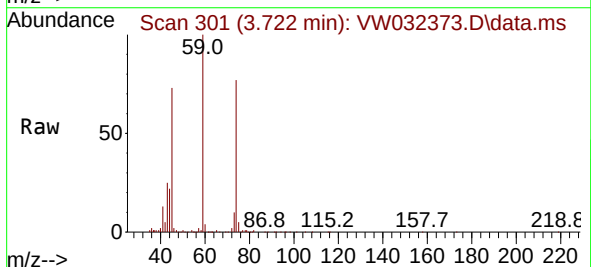
Instrument :
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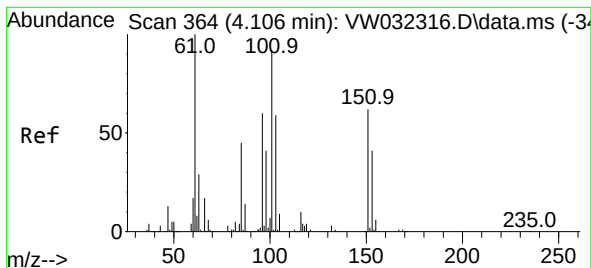
Tgt Ion:101 Resp: 54116
 Ion Ratio Lower Upper
 101 100
 103 55.8 47.8 71.8



#8
 Diethyl Ether
 Concen: 20.855 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032373.D
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Tgt Ion: 74 Resp: 43042
 Ion Ratio Lower Upper
 74 100
 45 95.1 43.1 129.4

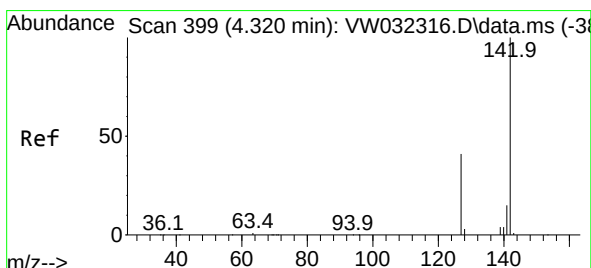
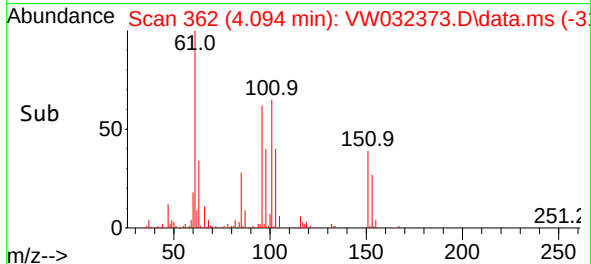
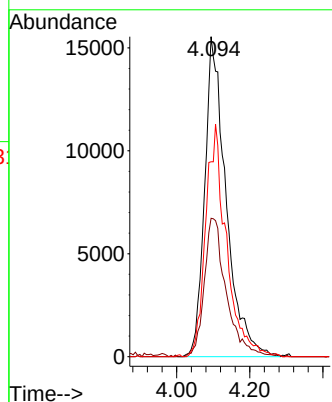
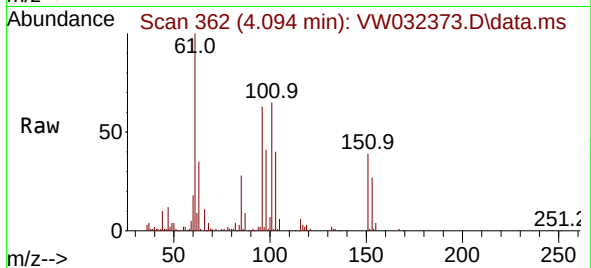




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.132 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.012 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

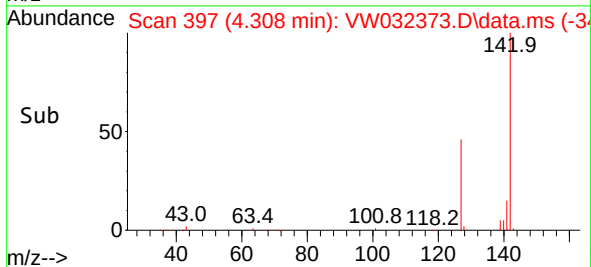
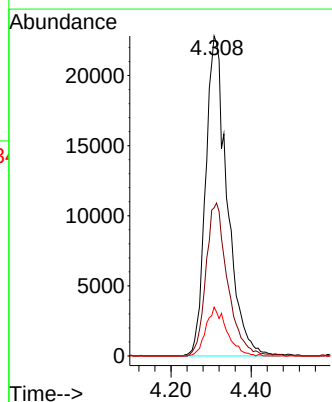
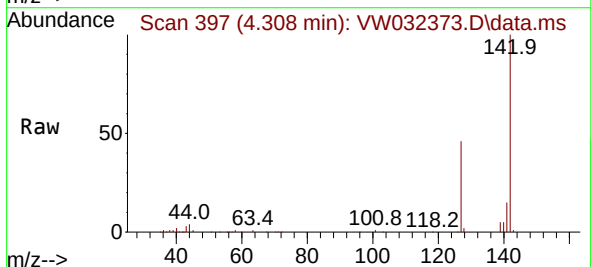
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

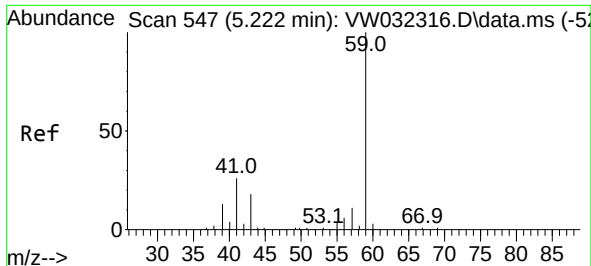
Tgt Ion:101 Resp: 63225
Ion Ratio Lower Upper
101 100
85 44.5 37.1 55.7
151 70.6 61.5 92.3



#10
Methyl Iodide
Concen: 20.977 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:142 Resp: 85504
Ion Ratio Lower Upper
142 100
127 47.9 38.2 57.2
141 14.7 12.2 18.2

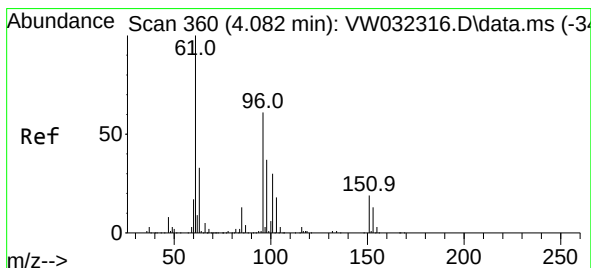
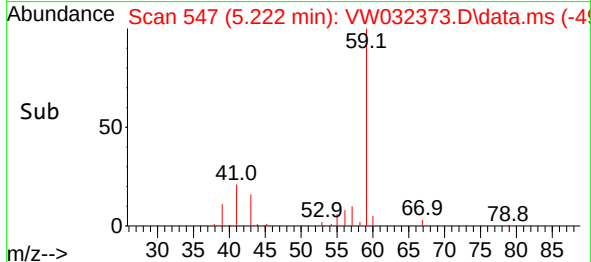
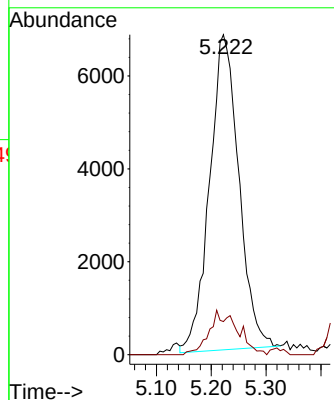
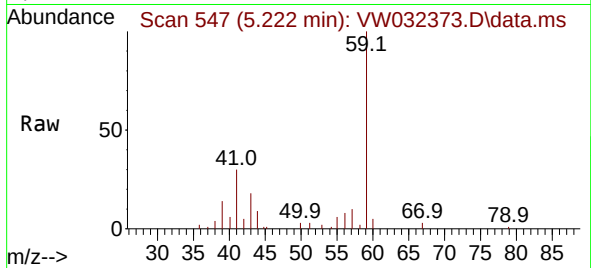




#11
Tert butyl alcohol
Concen: 82.794 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

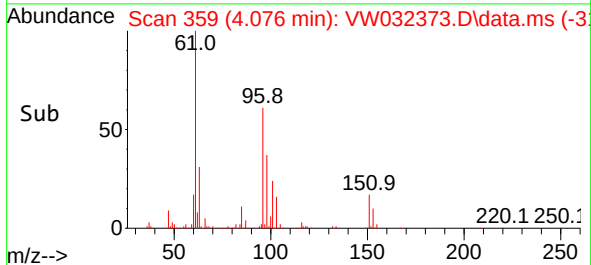
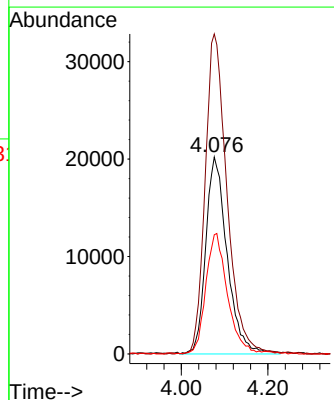
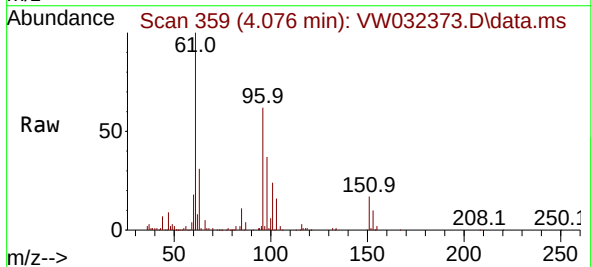
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

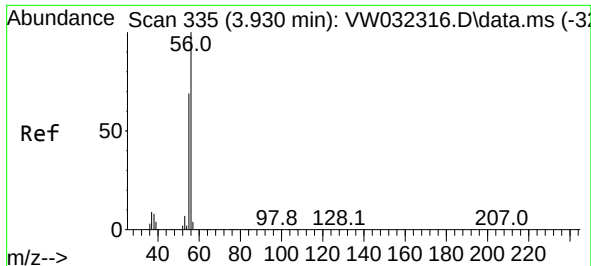
Tgt Ion: 59 Resp: 25154
Ion Ratio Lower Upper
59 100
57 6.9 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 22.404 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 96 Resp: 69483
Ion Ratio Lower Upper
96 100
61 162.2 123.0 184.4
98 60.3 48.5 72.7

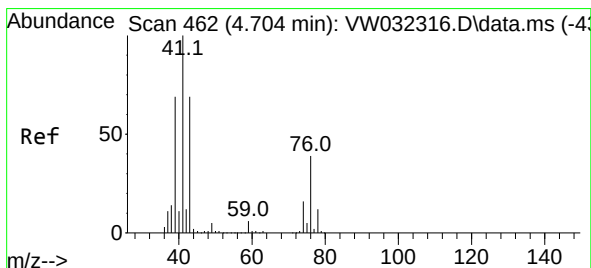
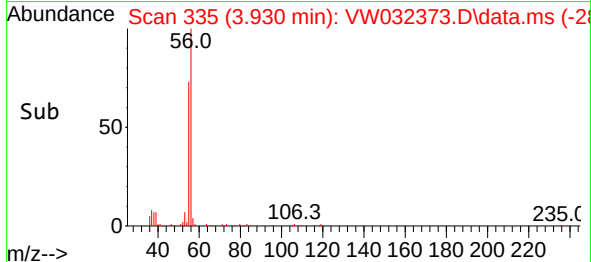
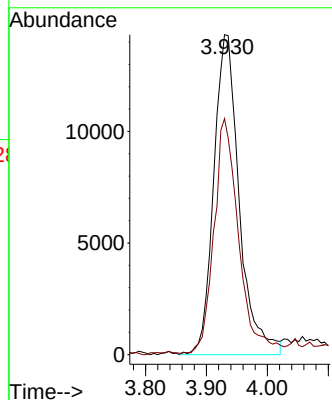
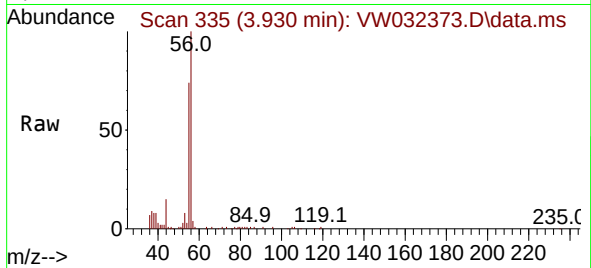




#13
Acrolein
Concen: 84.645 ug/l
RT: 3.930 min Scan# 313
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

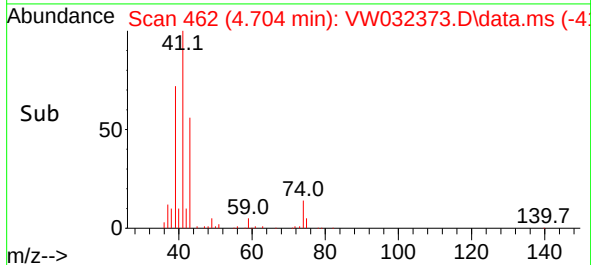
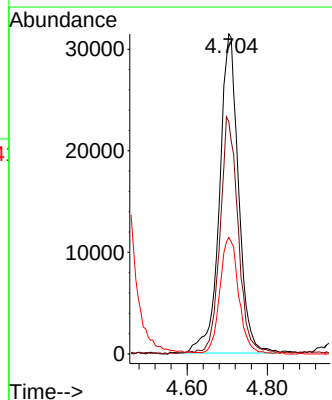
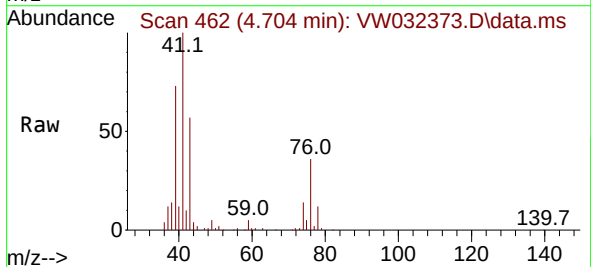
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

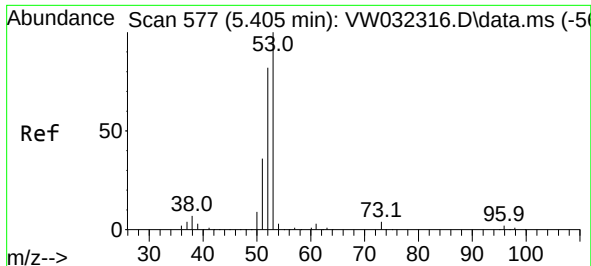
Tgt Ion: 56 Resp: 41736
Ion Ratio Lower Upper
56 100
55 70.7 56.4 84.6



#14
Allyl chloride
Concen: 19.761 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 41 Resp: 103515
Ion Ratio Lower Upper
41 100
39 70.5 64.1 96.1
76 35.5 31.4 47.2

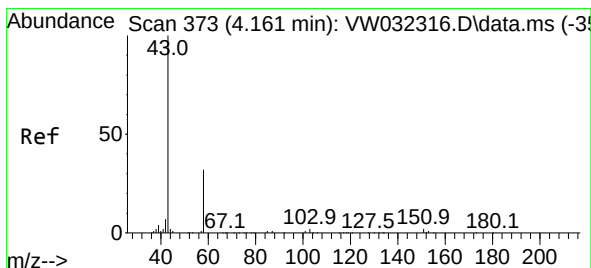
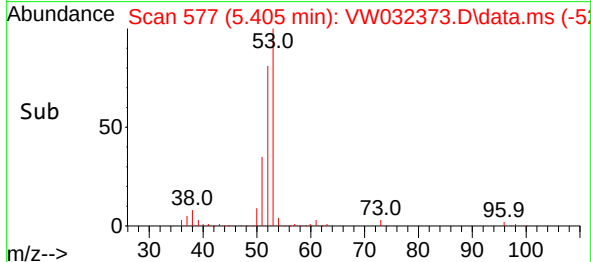
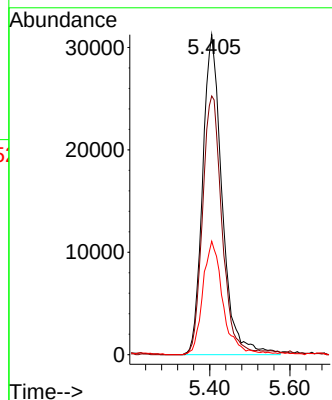
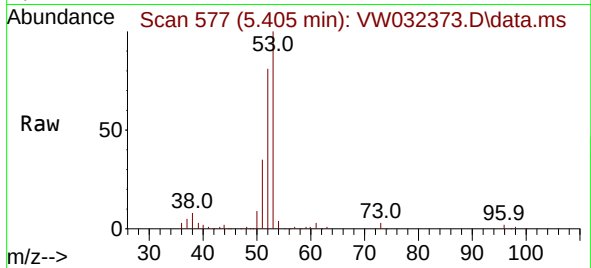




#15
Acrylonitrile
Concen: 98.328 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

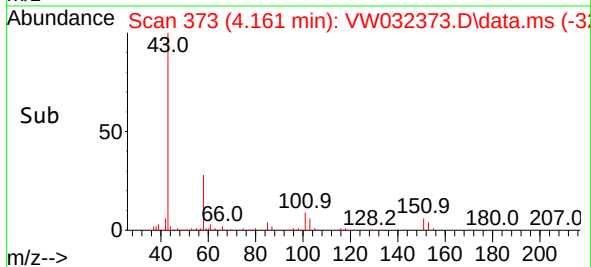
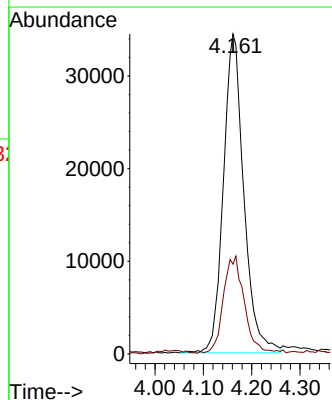
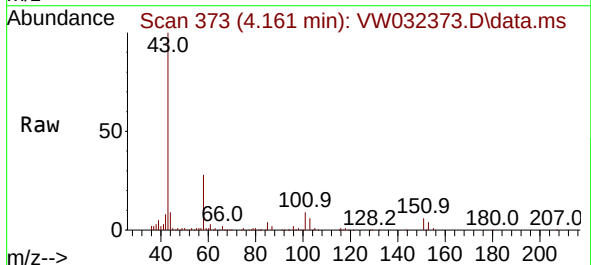
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

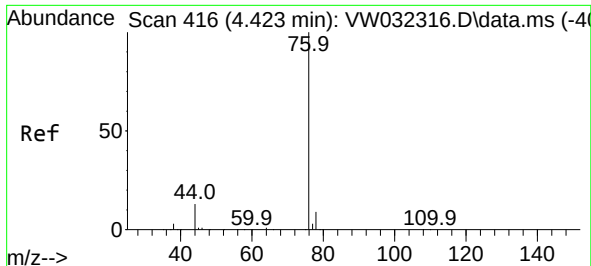
Tgt Ion: 53 Resp: 105575
Ion Ratio Lower Upper
53 100
52 80.9 67.4 101.2
51 36.3 30.3 45.5



#16
Acetone
Concen: 90.846 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 43 Resp: 100964
Ion Ratio Lower Upper
43 100
58 27.4 25.3 37.9

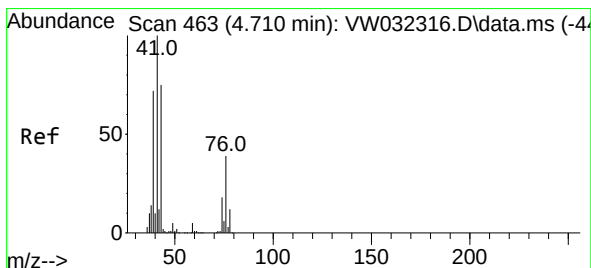
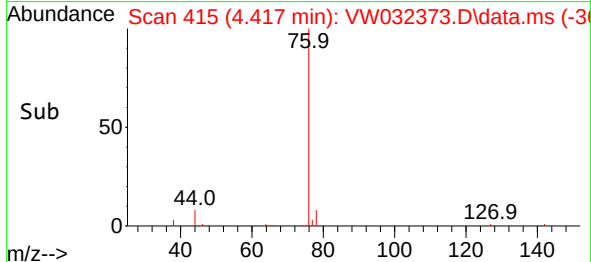
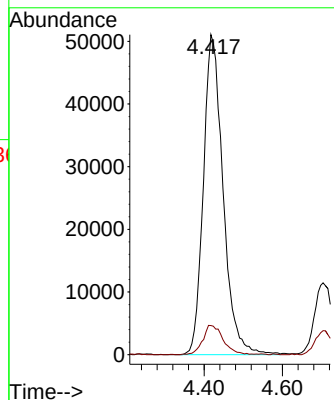
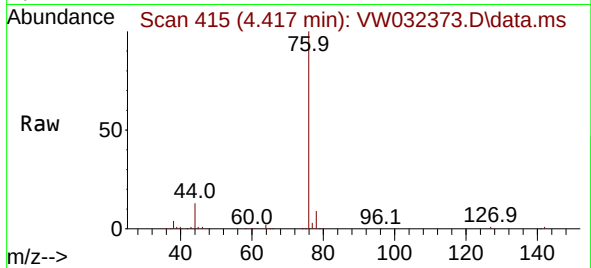




#17
Carbon Disulfide
Concen: 21.049 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

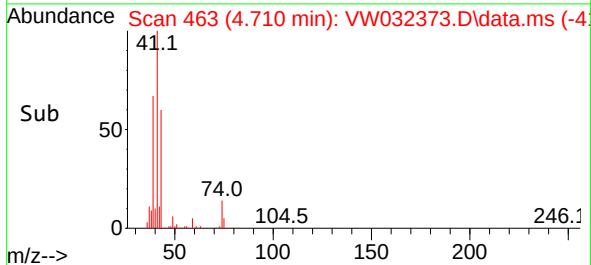
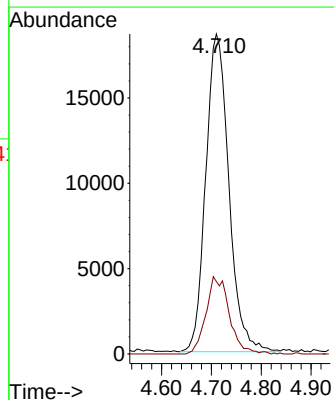
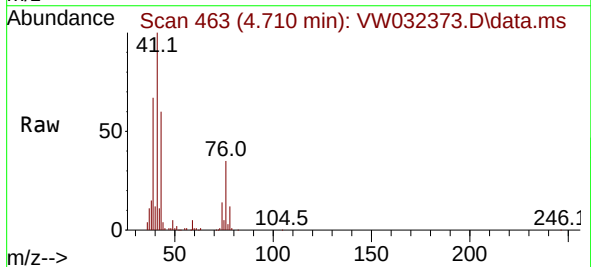
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

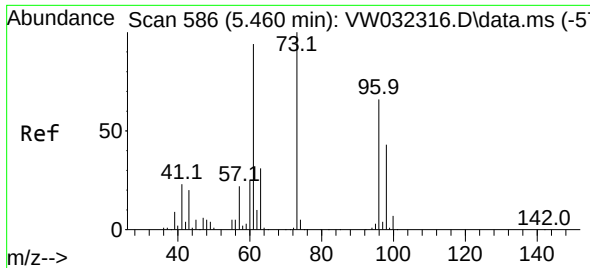
Tgt Ion: 76 Resp: 178120
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 18.851 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 43 Resp: 60015
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.4

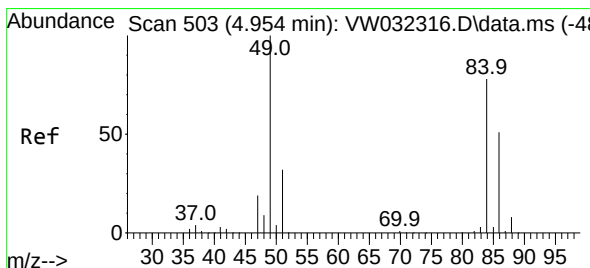
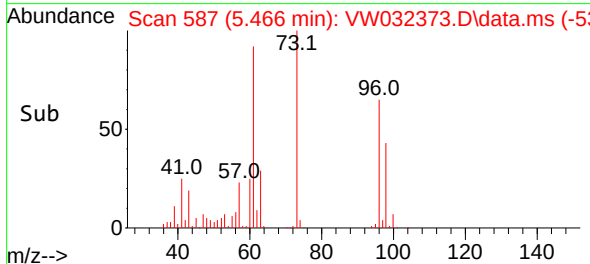
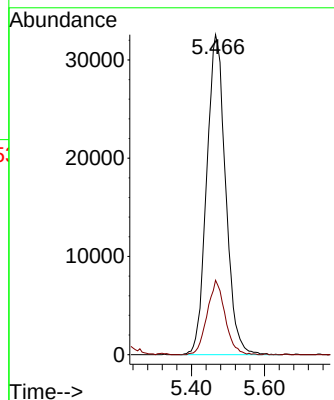
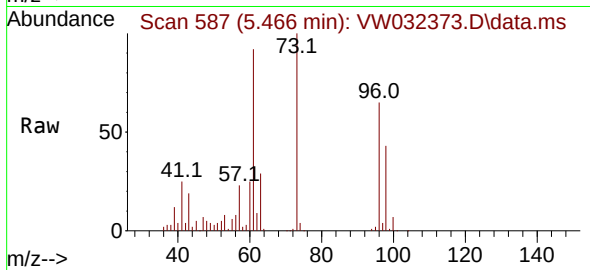




#19
Methyl tert-butyl Ether
Concen: 19.105 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

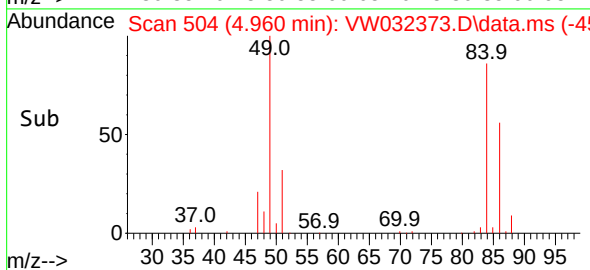
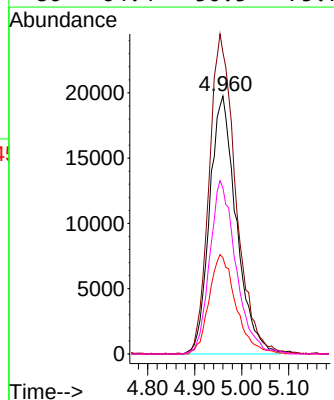
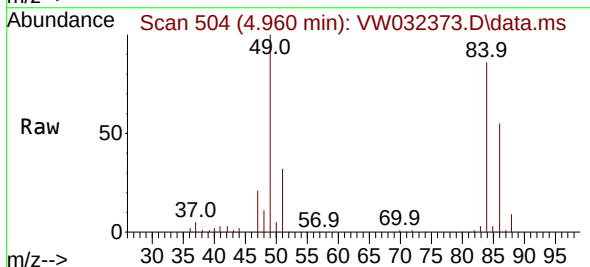
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

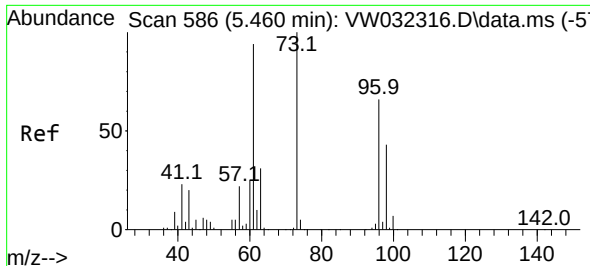
Tgt Ion: 73 Resp: 116700
Ion Ratio Lower Upper
73 100
57 23.3 16.2 24.4



#20
Methylene Chloride
Concen: 17.766 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 84 Resp: 78042
Ion Ratio Lower Upper
84 100
49 116.6 92.2 138.4
51 37.3 31.0 46.6
86 64.4 50.5 75.7

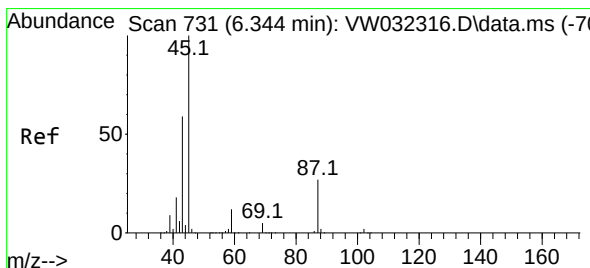
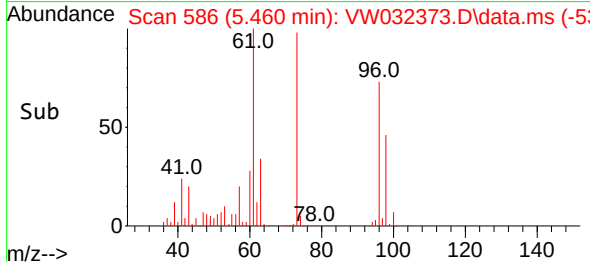
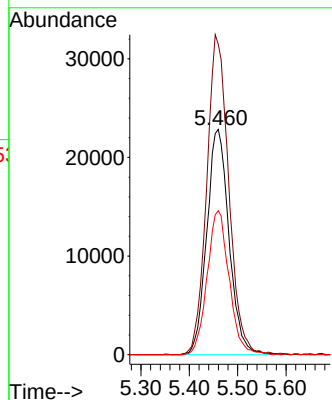
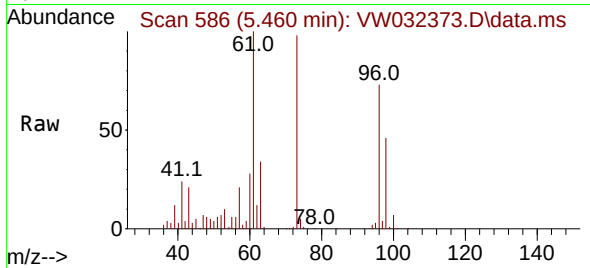




#21
trans-1,2-Dichloroethene
Concen: 21.268 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

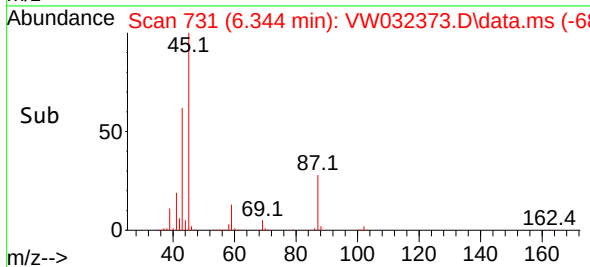
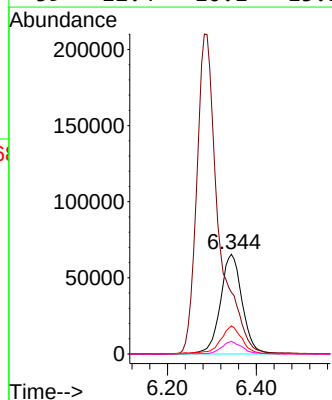
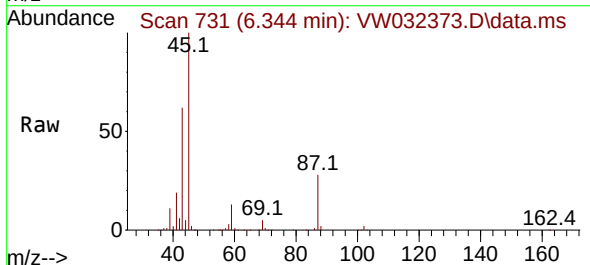
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

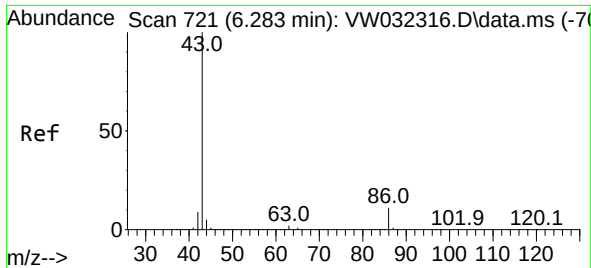
Tgt Ion: 96 Resp: 73029
Ion Ratio Lower Upper
96 100
61 137.8 112.5 168.7
98 64.0 54.2 81.4



#22
Diisopropyl ether
Concen: 20.333 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 45 Resp: 221512
Ion Ratio Lower Upper
45 100
43 60.9 51.4 77.2
87 28.0 25.9 38.9
59 12.4 10.1 15.1

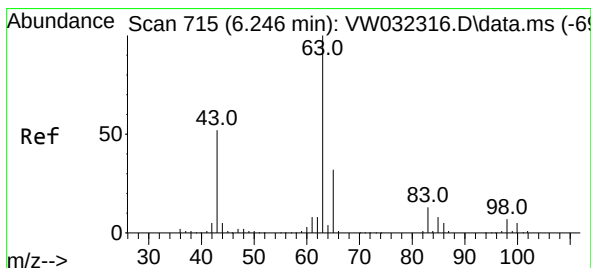
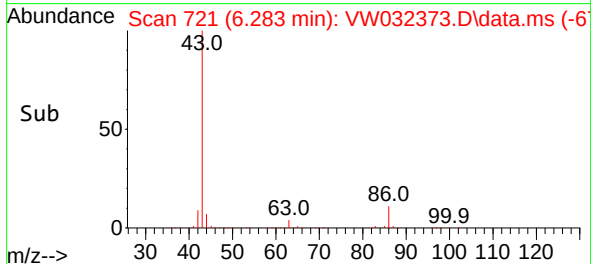
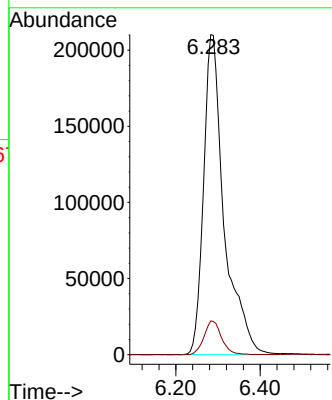
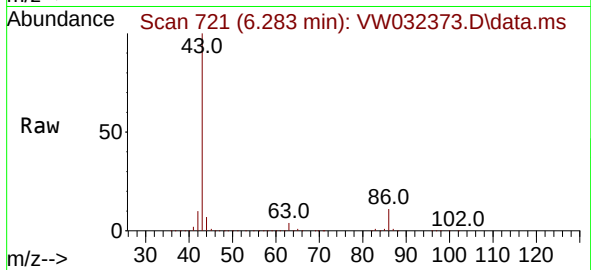




#23
 Vinyl Acetate
 Concen: 98.089 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

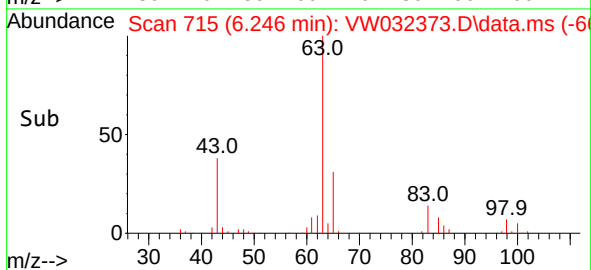
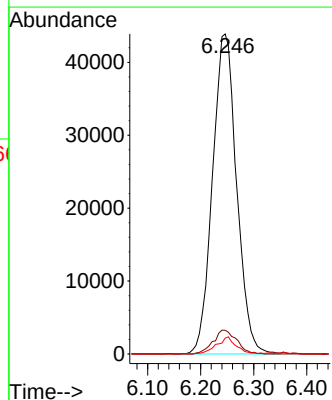
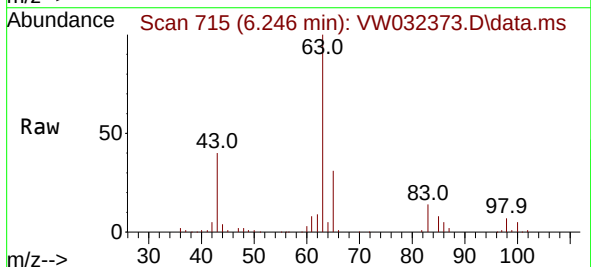
Instrument :
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 ClientSampleId :
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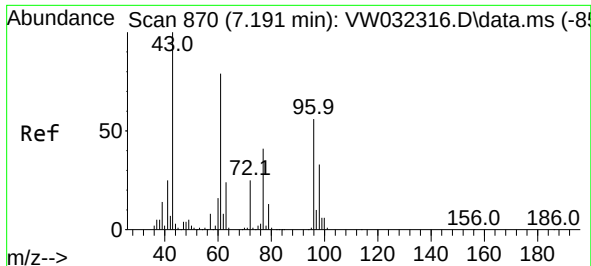
Tgt Ion: 43 Resp: 713758
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.947 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

Tgt Ion: 63 Resp: 138641
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.9 2.5 7.5

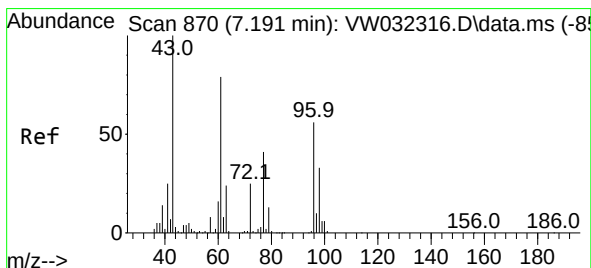
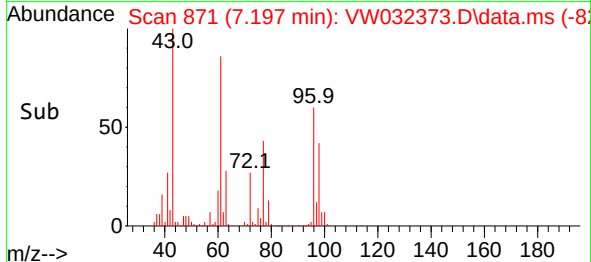
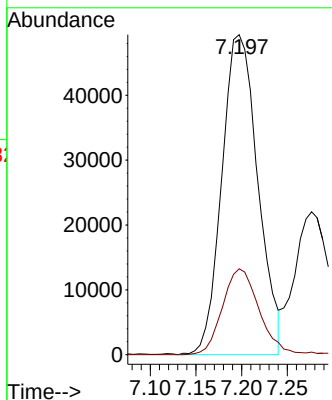
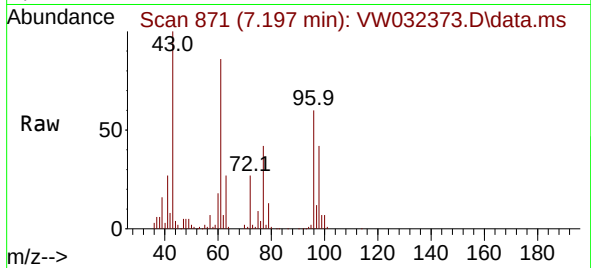




#25
2-Butanone
Concen: 89.513 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

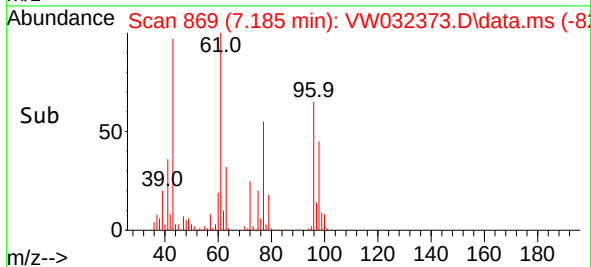
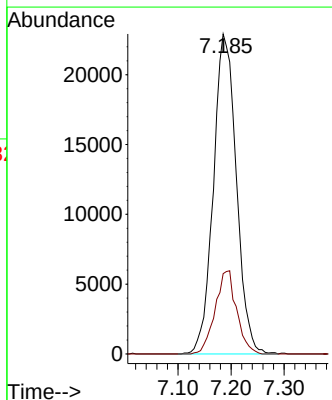
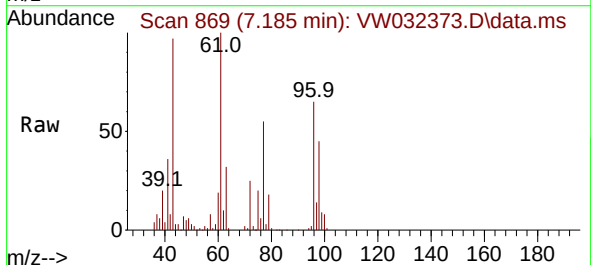
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ClientSampleId :
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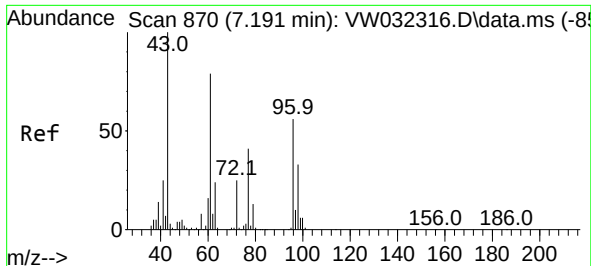
Tgt Ion: 43 Resp: 135490
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.378 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 77 Resp: 68990
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5

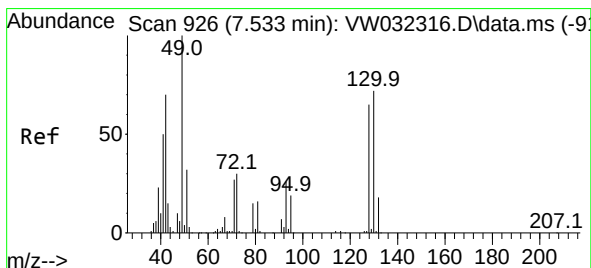
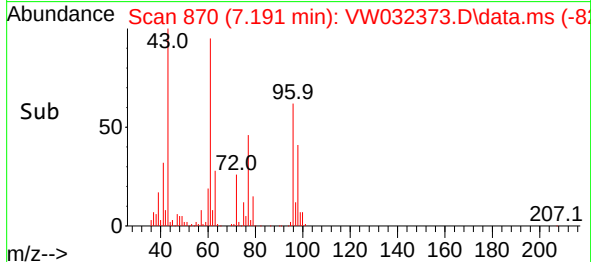
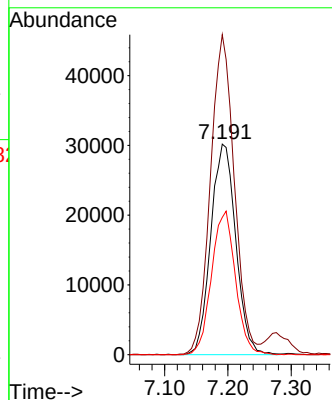
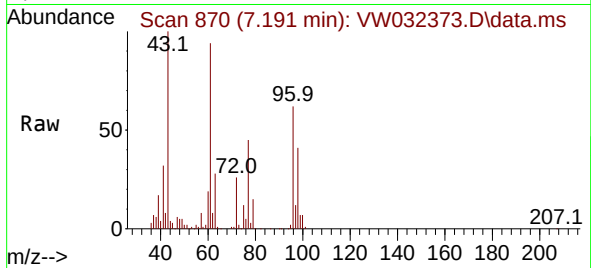




#27
 cis-1,2-Dichloroethene
 Concen: 20.099 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

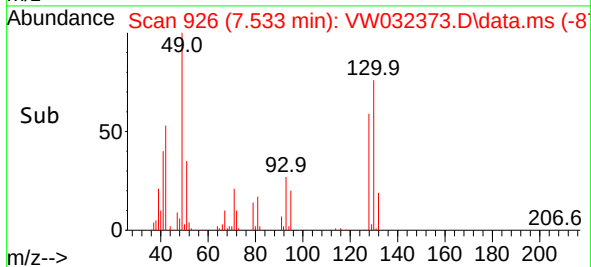
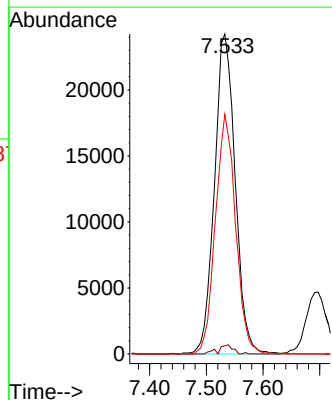
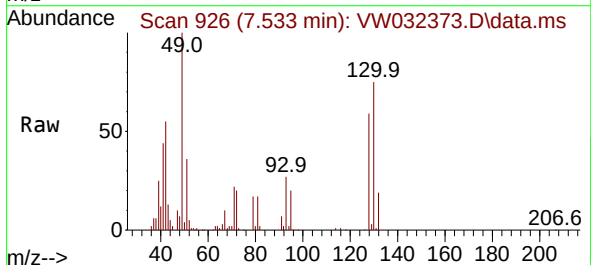
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

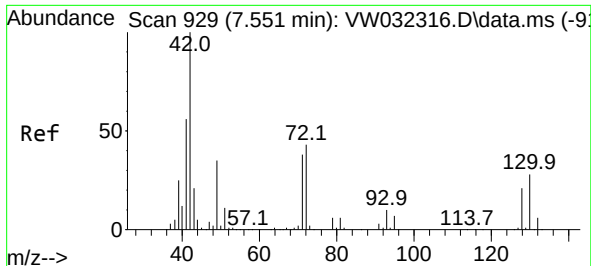
Tgt Ion: 96 Resp: 82908
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 268.0
 98 65.2 0.0 130.8



#28
 Bromochloromethane
 Concen: 19.790 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

Tgt Ion: 49 Resp: 61626
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 72.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 96.199 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

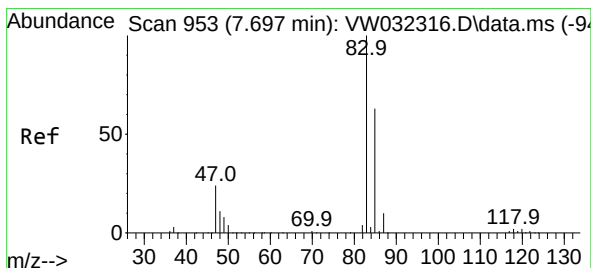
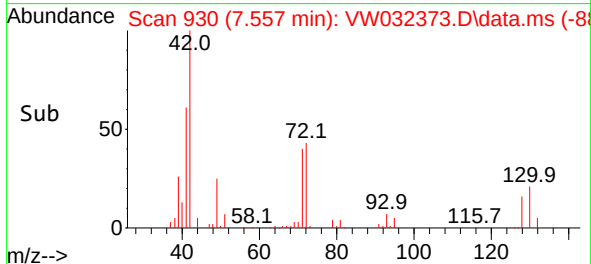
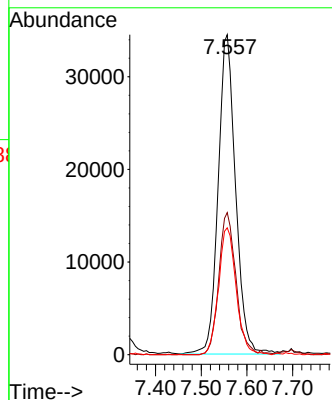
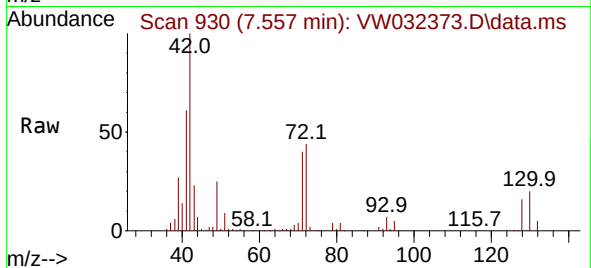
Tgt Ion: 42 Resp: 91570

Ion Ratio Lower Upper

42 100

72 43.4 37.4 56.2

71 40.1 36.0 54.0



#30

Chloroform

Concen: 21.269 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.000 min

Lab File: VW032373.D

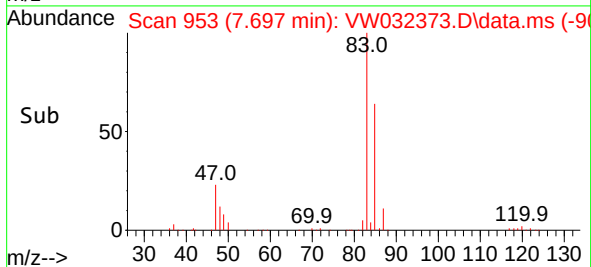
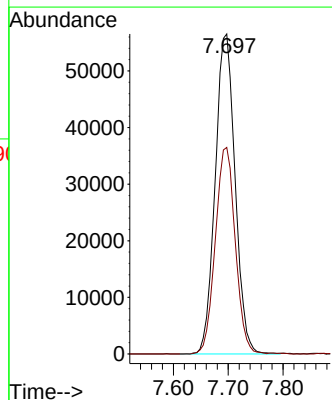
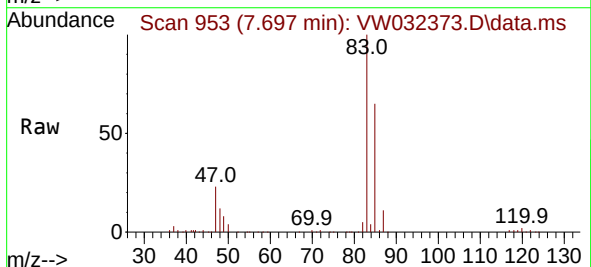
Acq: 07 Oct 2025 11:02

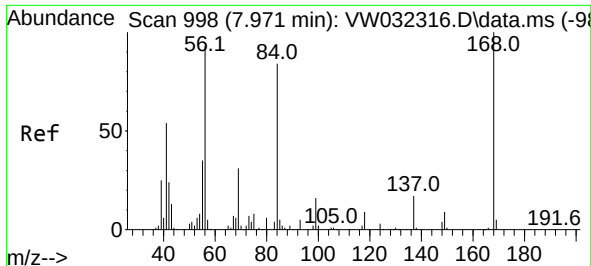
Tgt Ion: 83 Resp: 142766

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

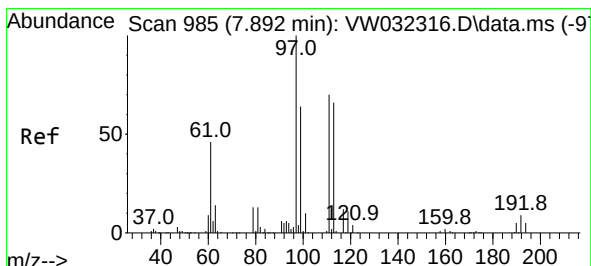
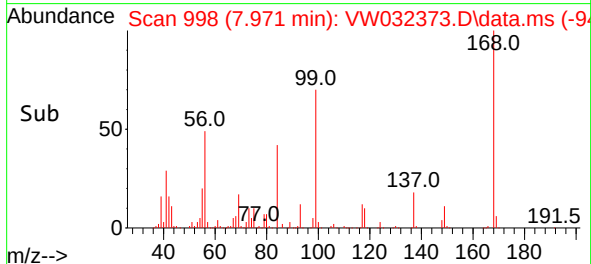
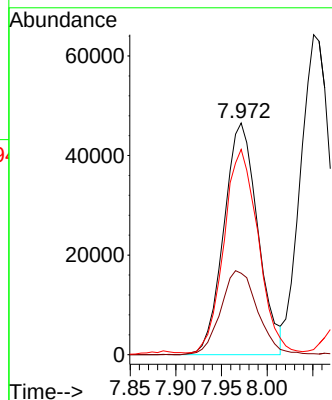
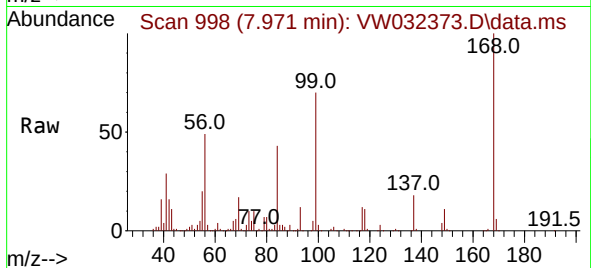




#31
Cyclohexane
Concen: 21.336 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

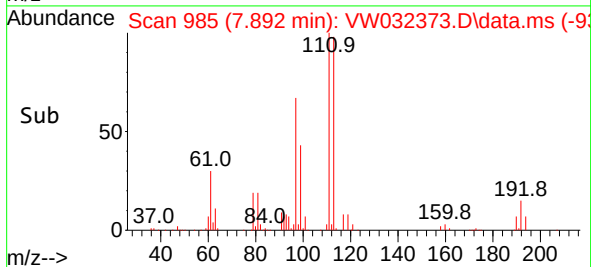
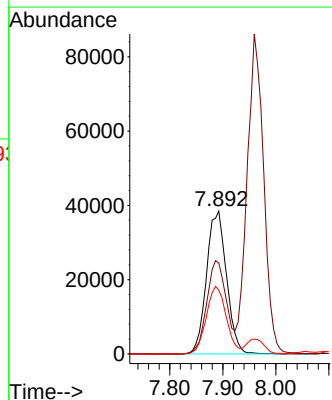
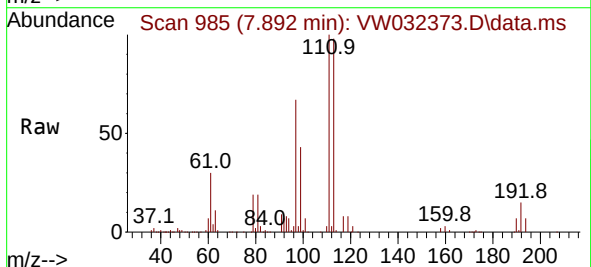
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

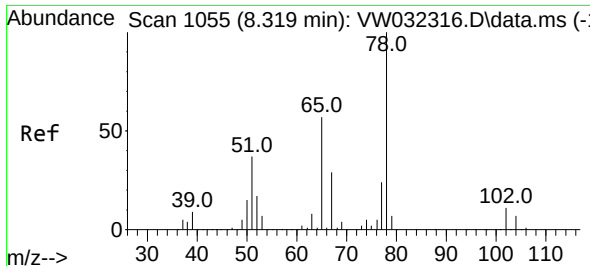
Tgt Ion: 56 Resp: 120559
Ion Ratio Lower Upper
56 100
69 35.2 27.7 41.5
84 87.6 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 21.215 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 97 Resp: 100910
Ion Ratio Lower Upper
97 100
99 64.5 50.9 76.3
61 47.2 36.2 54.4

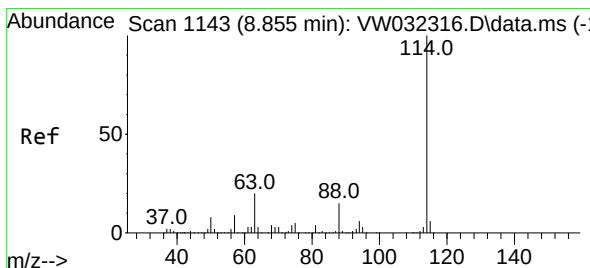
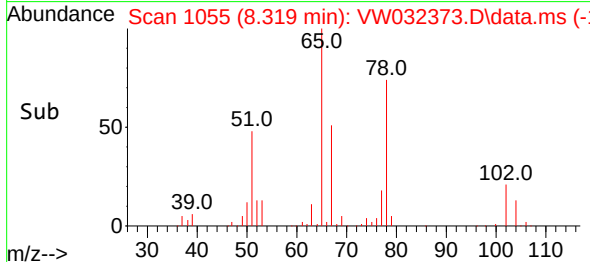
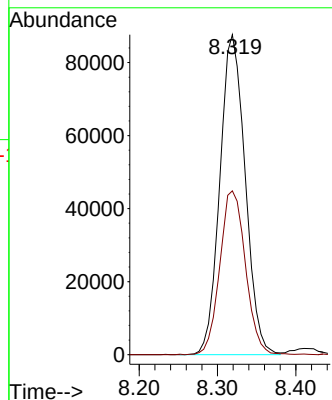
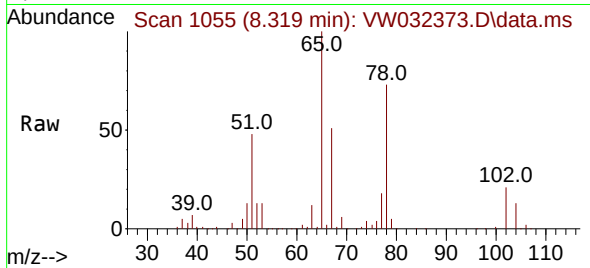




#33
 1,2-Dichloroethane-d4
 Concen: 49.026 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

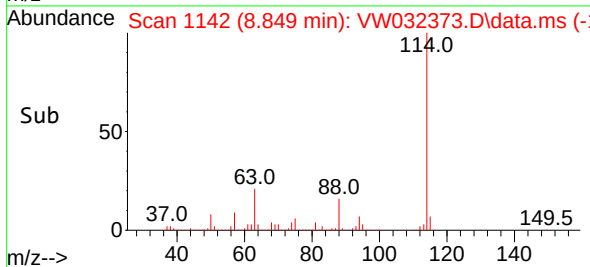
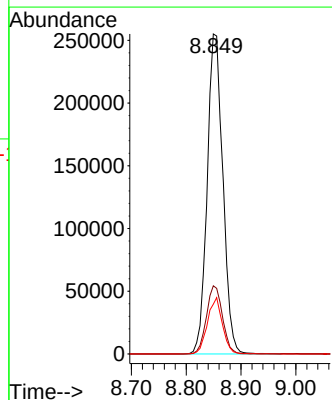
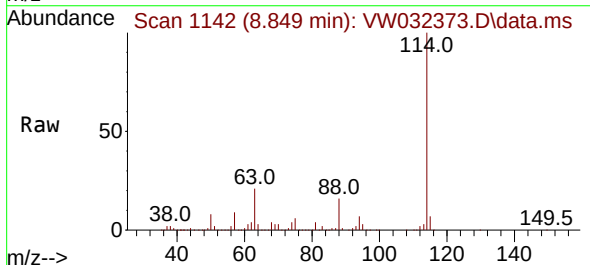
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

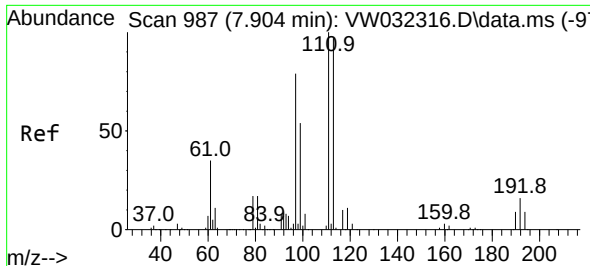
Tgt Ion: 65 Resp: 196778
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

Tgt Ion: 114 Resp: 506458
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.4
 88 15.6 0.0 32.0

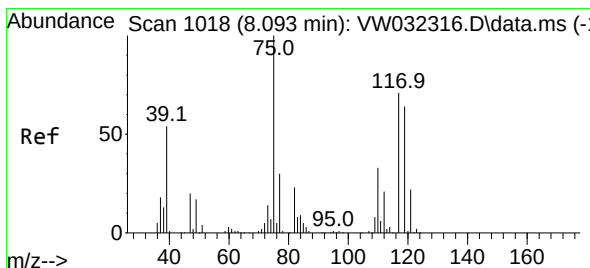
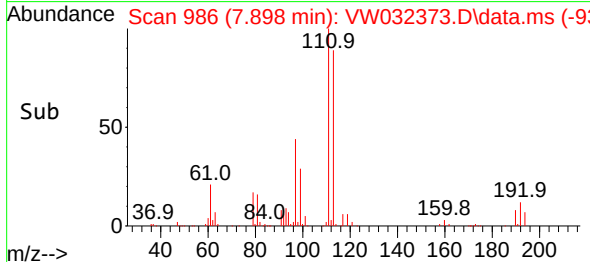
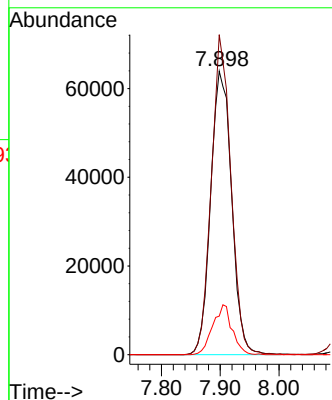
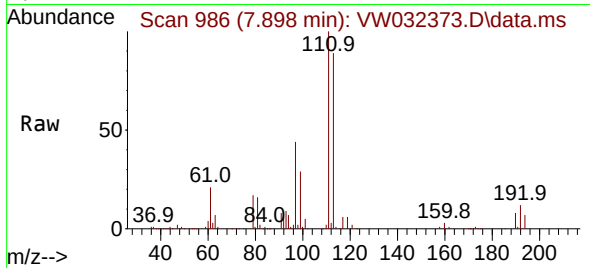




#35
Dibromofluoromethane
Concen: 48.408 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

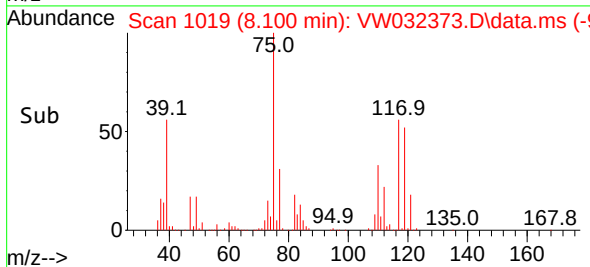
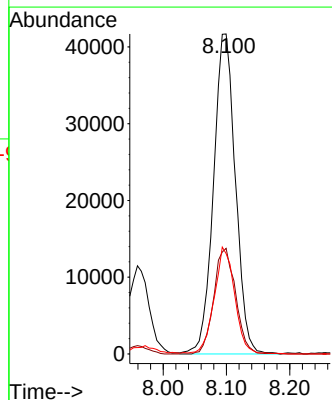
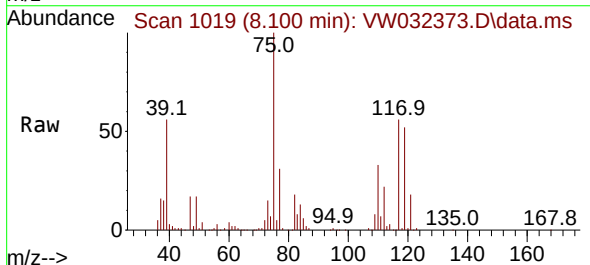
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

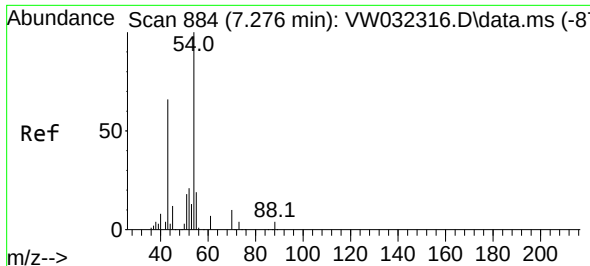
Tgt Ion:113 Resp: 158773
Ion Ratio Lower Upper
113 100
111 105.0 83.9 125.9
192 16.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 21.700 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 75 Resp: 100445
Ion Ratio Lower Upper
75 100
110 32.8 17.5 52.5
77 31.0 24.1 36.1





#37

Ethyl Acetate

Concen: 19.397 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

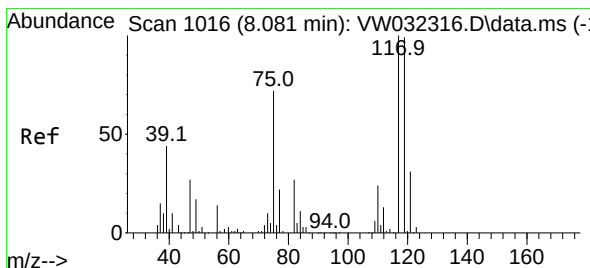
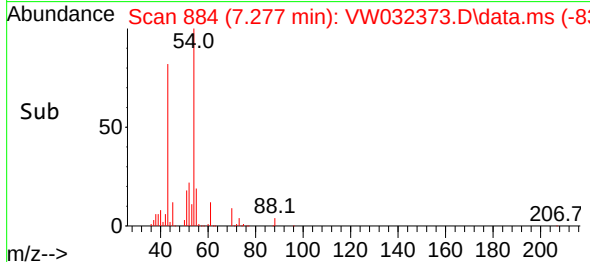
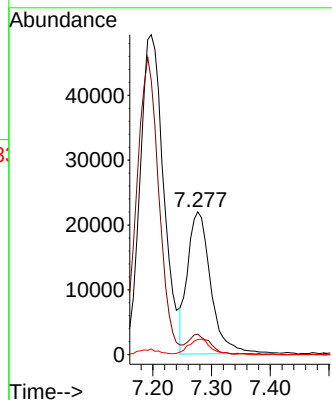
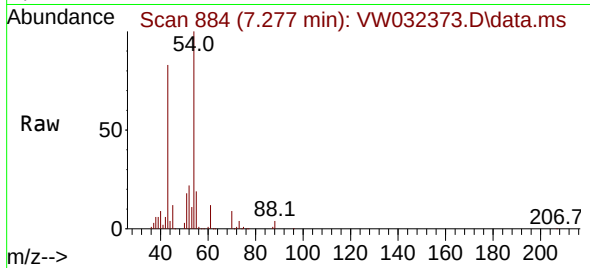
Tgt Ion: 43 Resp: 59762

Ion Ratio Lower Upper

43 100

61 12.4 11.3 16.9

70 10.1 8.9 13.3



#38

Carbon Tetrachloride

Concen: 22.014 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

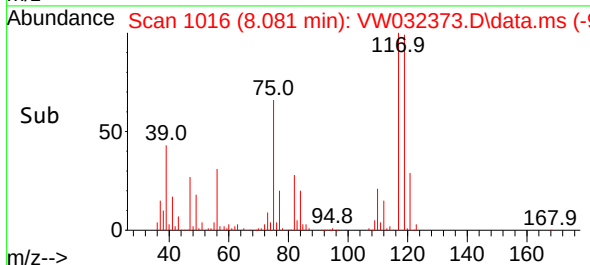
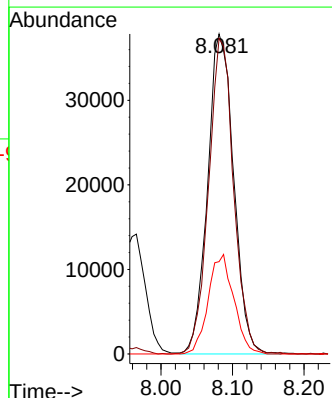
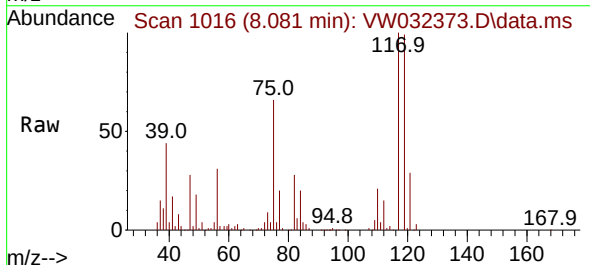
Tgt Ion: 117 Resp: 95888

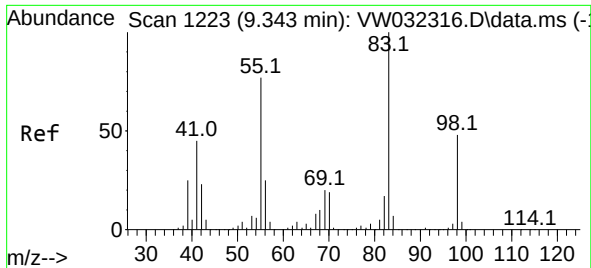
Ion Ratio Lower Upper

117 100

119 98.4 74.2 111.2

121 28.8 25.6 38.4





#39

Methylcyclohexane

Concen: 21.265 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

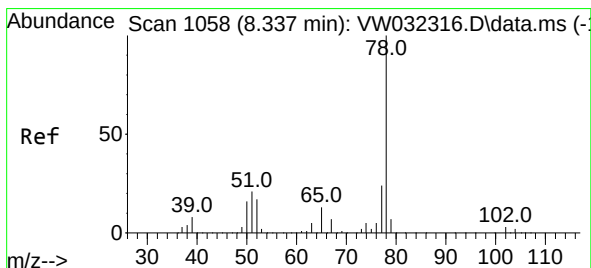
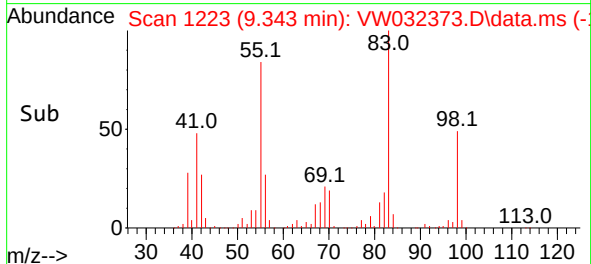
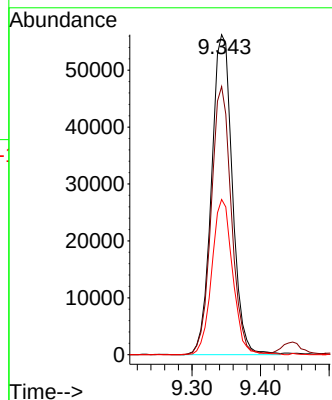
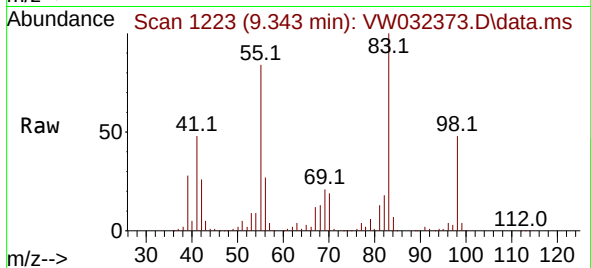
Tgt Ion: 83 Resp: 118731

Ion Ratio Lower Upper

83 100

55 83.8 58.4 87.6

98 48.5 39.4 59.2



#40

Benzene

Concen: 21.127 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032373.D

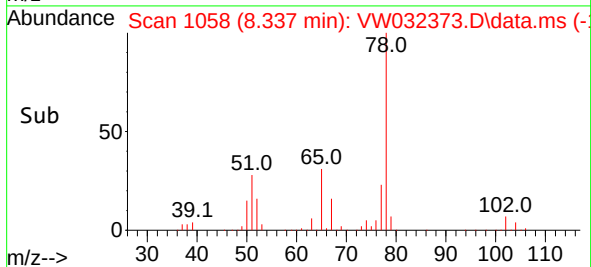
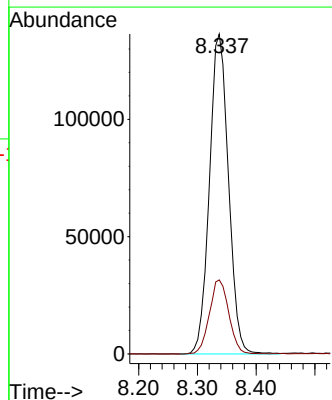
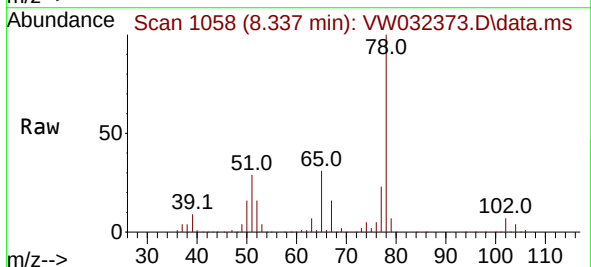
Acq: 07 Oct 2025 11:02

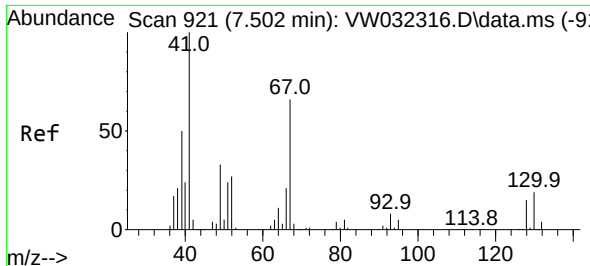
Tgt Ion: 78 Resp: 306529

Ion Ratio Lower Upper

78 100

77 23.1 20.7 31.1



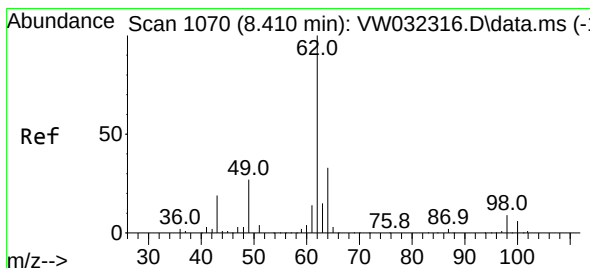
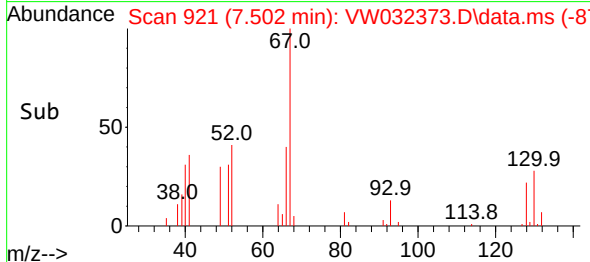
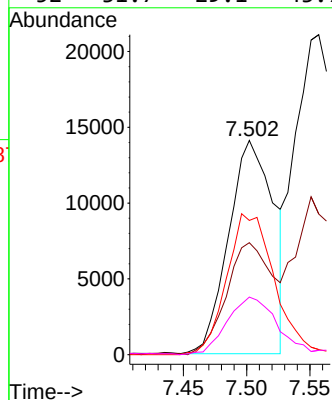
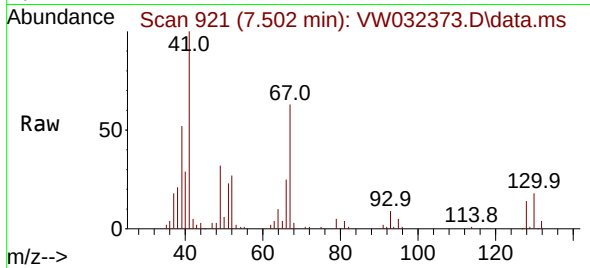


#41
Methacrylonitrile
Concen: 20.988 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

Tgt Ion: 41 Resp: 34849

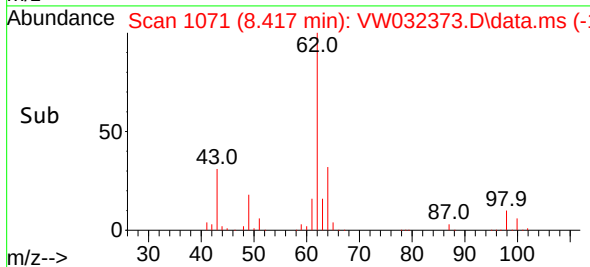
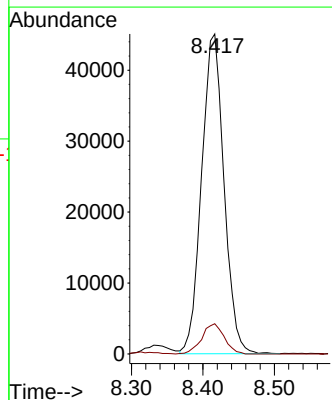
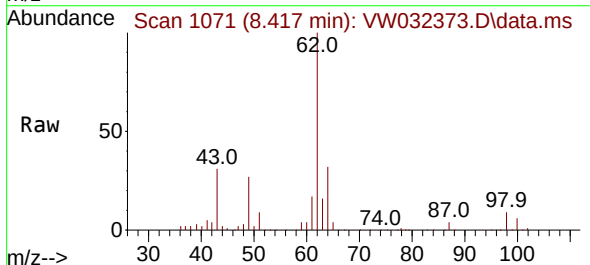
Ion	Ratio	Lower	Upper
41	100		
39	54.3	50.9	76.3
67	70.7	65.6	98.4
52	31.7	29.1	43.7

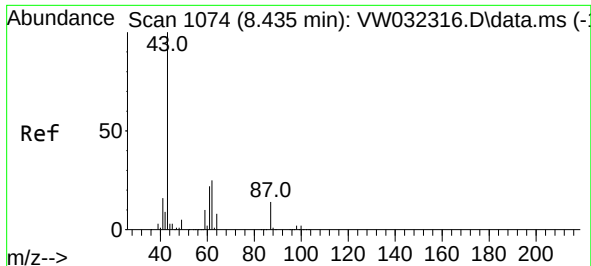


#42
1,2-Dichloroethane
Concen: 20.640 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 62 Resp: 97985

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

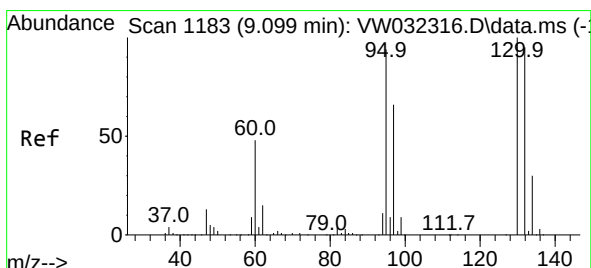
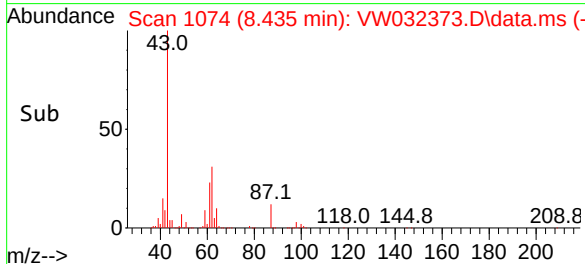
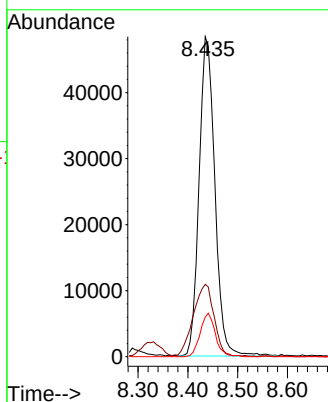
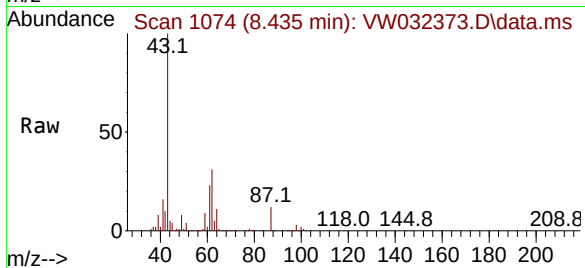




#43
Isopropyl Acetate
Concen: 19.491 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

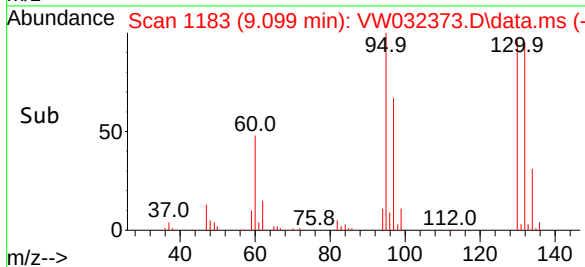
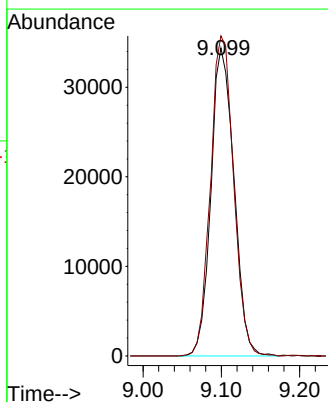
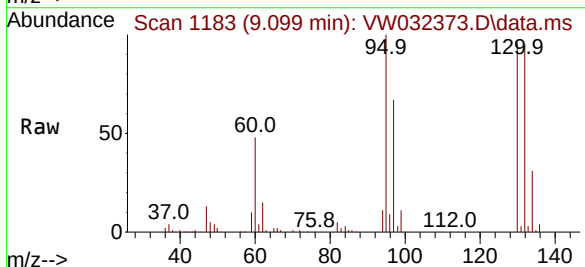
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

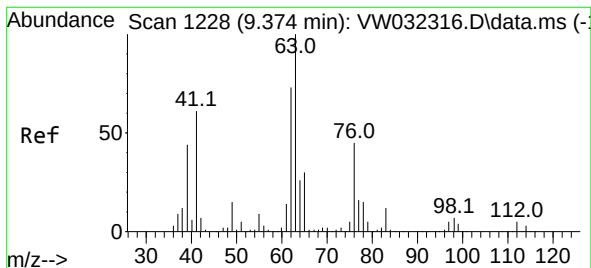
Tgt Ion: 43 Resp: 106530
Ion Ratio Lower Upper
43 100
61 30.1 23.3 34.9
87 13.1 11.1 16.7



#44
Trichloroethene
Concen: 20.702 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 130 Resp: 70330
Ion Ratio Lower Upper
130 100
95 104.0 0.0 220.0





#45

1,2-Dichloropropane

Concen: 21.017 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

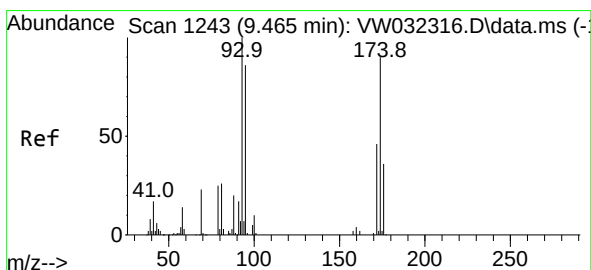
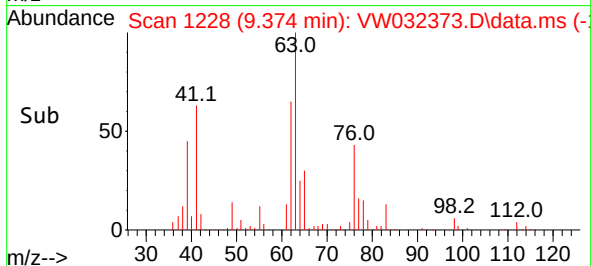
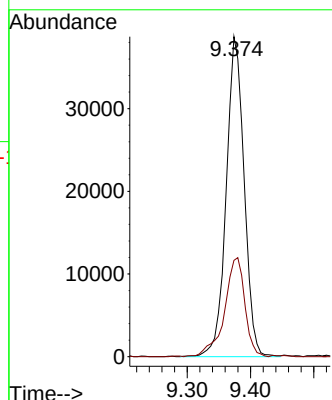
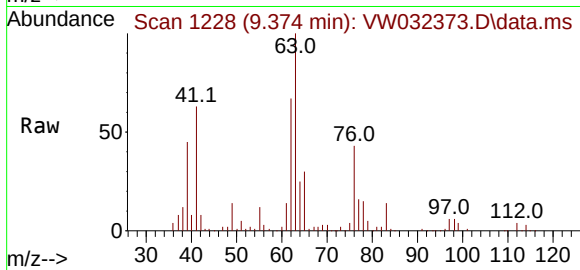
VW1007SBSD01

Tgt Ion: 63 Resp: 76114

Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5



#46

Dibromomethane

Concen: 20.591 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

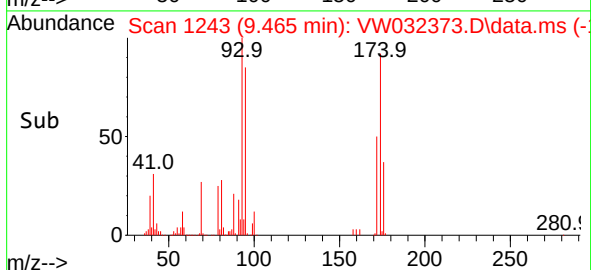
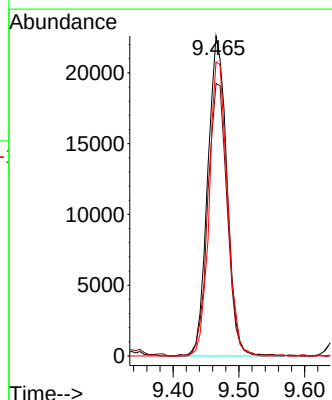
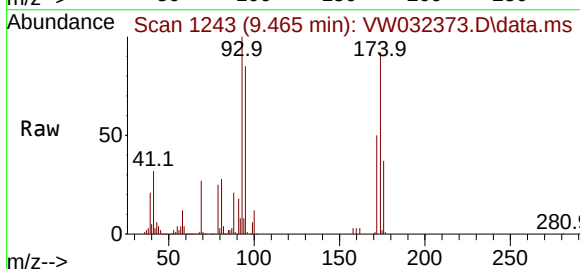
Tgt Ion: 93 Resp: 45854

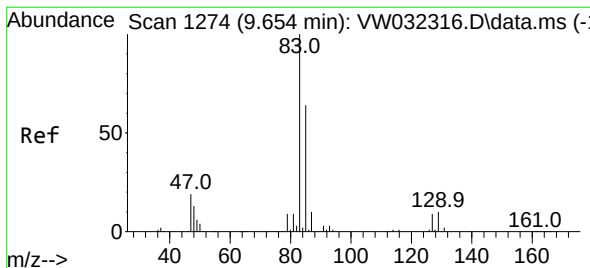
Ion Ratio Lower Upper

93 100

95 86.1 67.4 101.2

174 87.3 75.7 113.5





#47

Bromodichloromethane

Concen: 20.718 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBS01

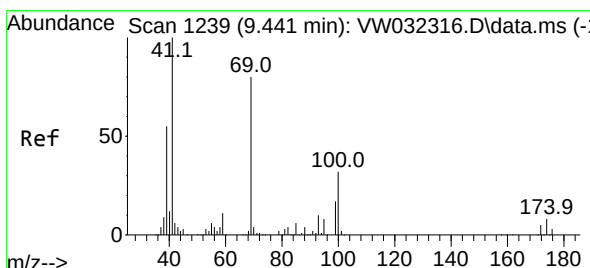
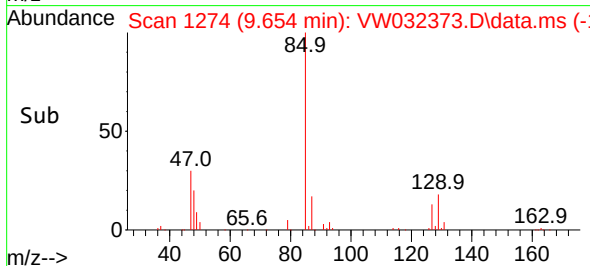
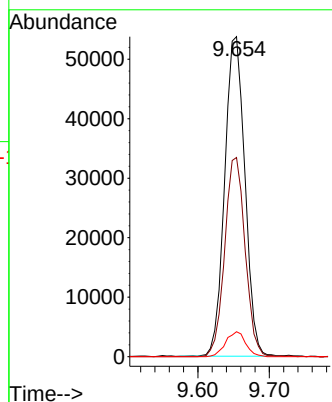
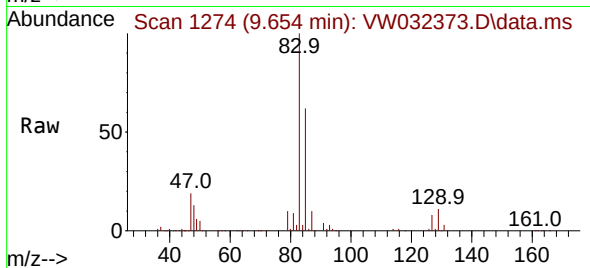
Tgt Ion: 83 Resp: 105527

Ion Ratio Lower Upper

83 100

85 62.3 48.7 73.1

127 7.8 6.4 9.6



#48

Methyl methacrylate

Concen: 19.061 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

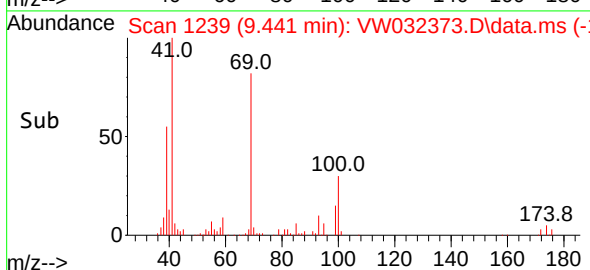
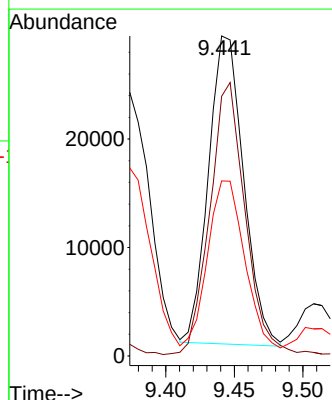
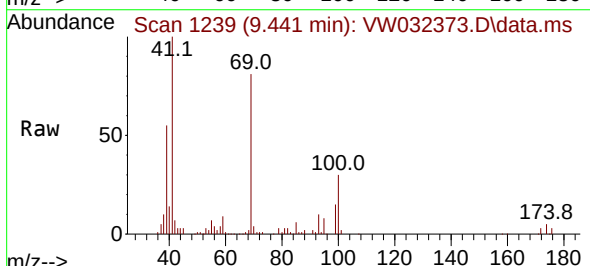
Tgt Ion: 41 Resp: 50653

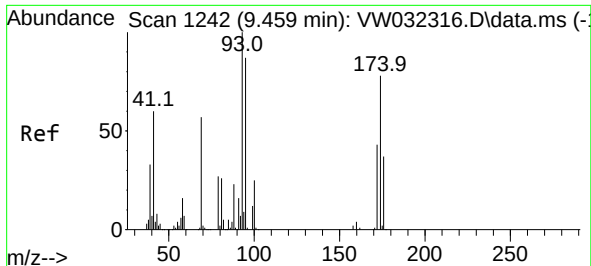
Ion Ratio Lower Upper

41 100

69 91.6 71.5 107.3

39 56.9 55.9 83.9





#49

1,4-Dioxane

Concen: 409.095 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

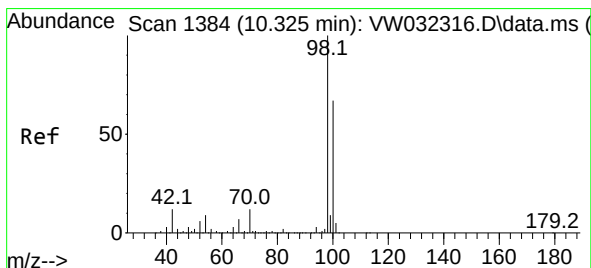
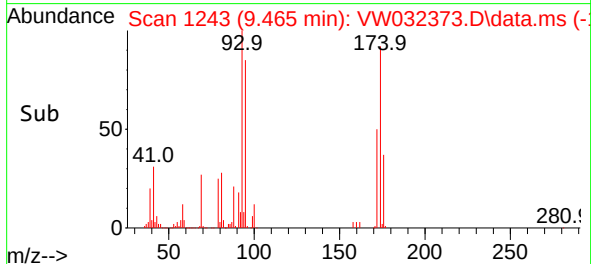
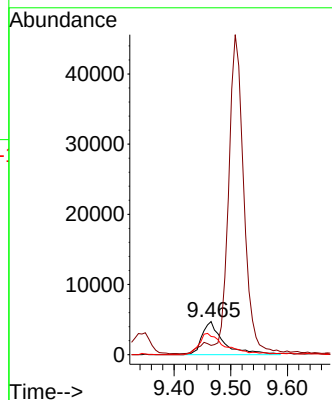
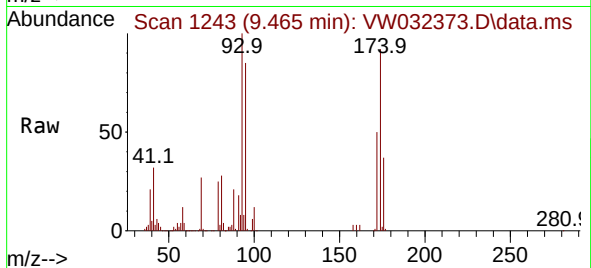
Tgt Ion: 88 Resp: 12452

Ion Ratio Lower Upper

88 100

43 20.7 18.0 27.0

58 78.3 55.4 83.0



#50

Toluene-d8

Concen: 50.855 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032373.D

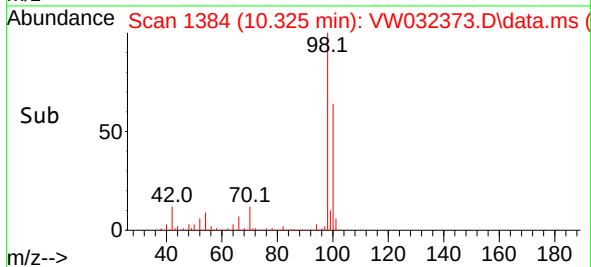
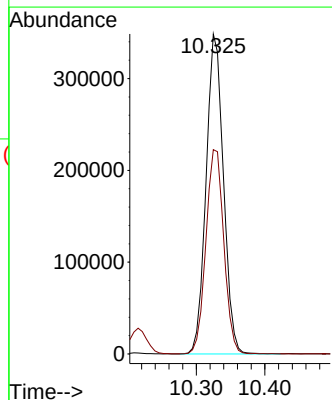
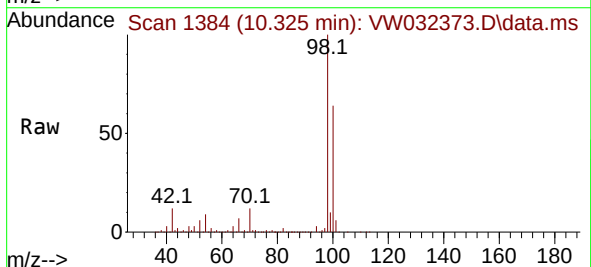
Acq: 07 Oct 2025 11:02

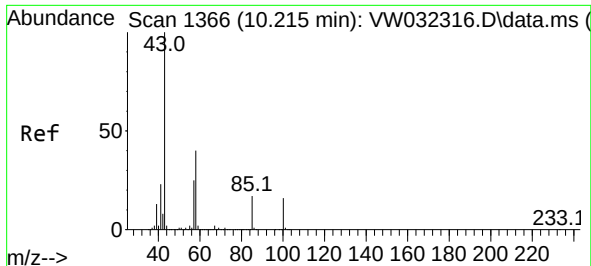
Tgt Ion: 98 Resp: 615612

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.2

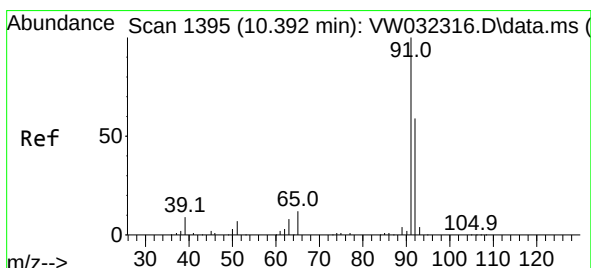
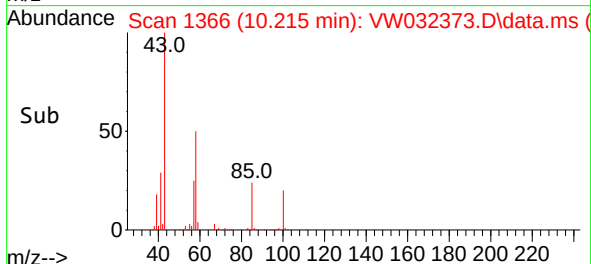
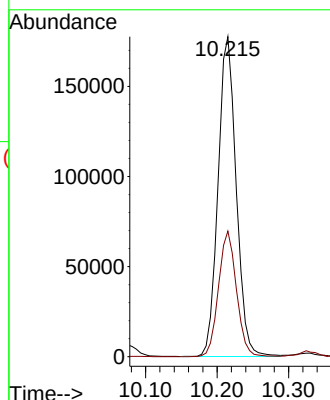
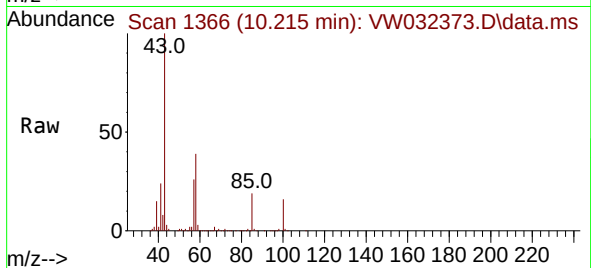




#51
4-Methyl-2-Pentanone
Concen: 98.846 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

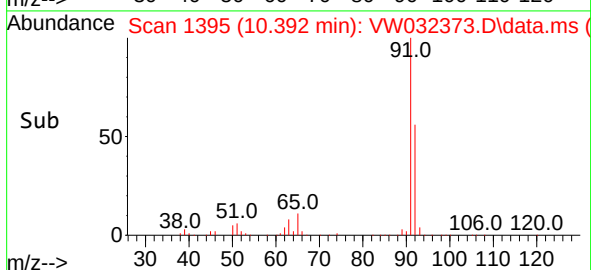
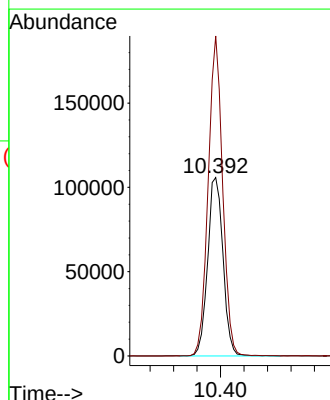
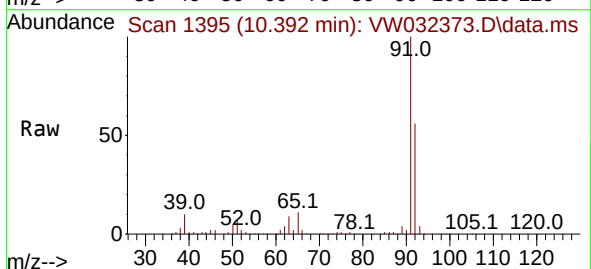
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

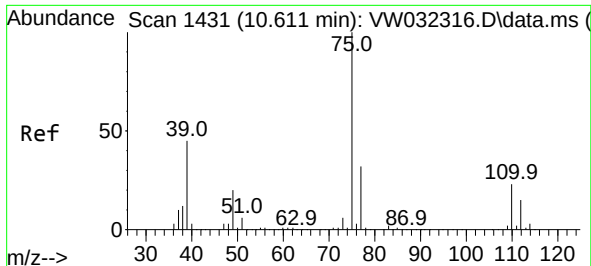
Tgt Ion: 43 Resp: 312919
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0



#52
Toluene
Concen: 21.262 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 92 Resp: 192112
Ion Ratio Lower Upper
92 100
91 168.7 137.5 206.3

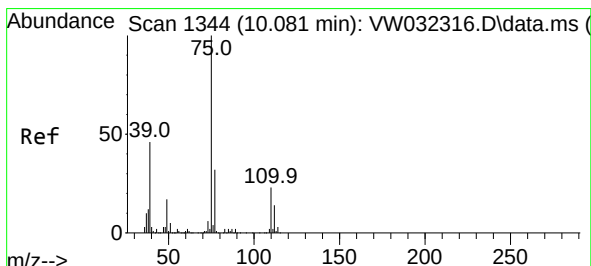
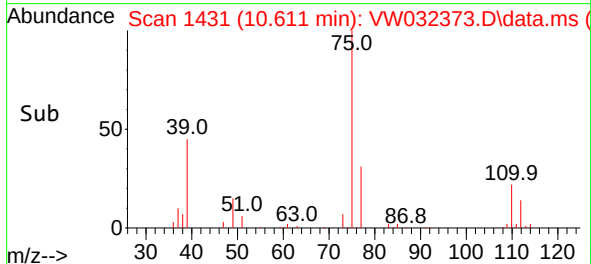
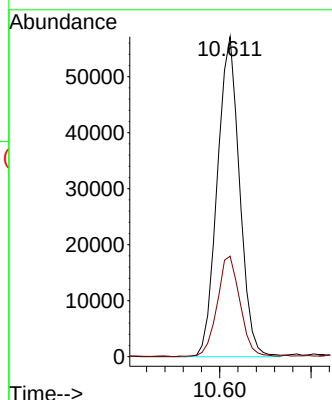
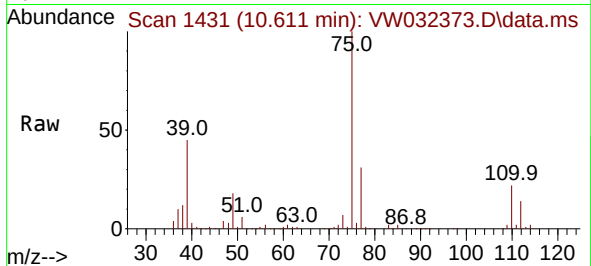




#53
t-1,3-Dichloropropene
Concen: 19.573 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

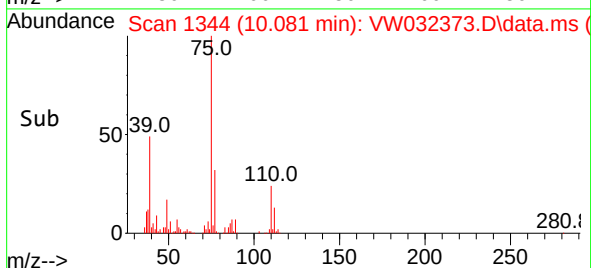
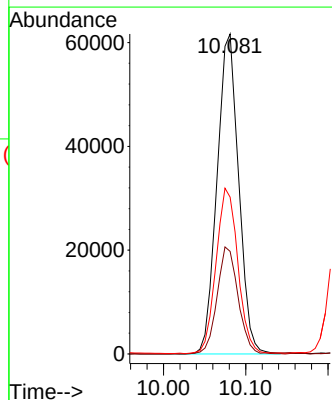
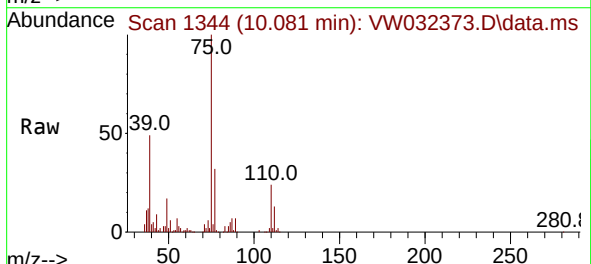
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

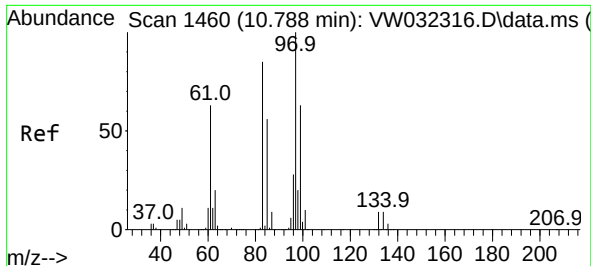
Tgt Ion: 75 Resp: 96722
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.780 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 75 Resp: 112592
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7
39 48.7 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 20.922 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

Tgt Ion: 97 Resp: 62270

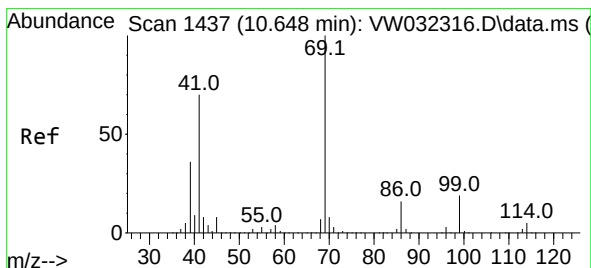
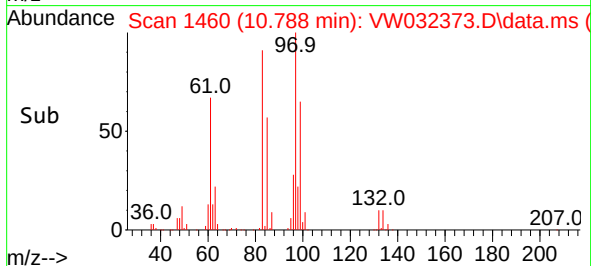
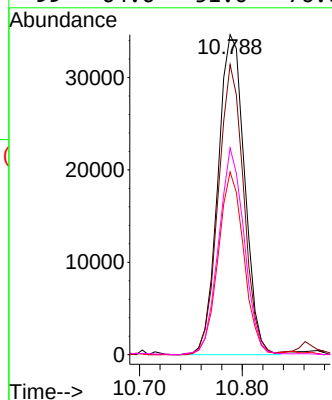
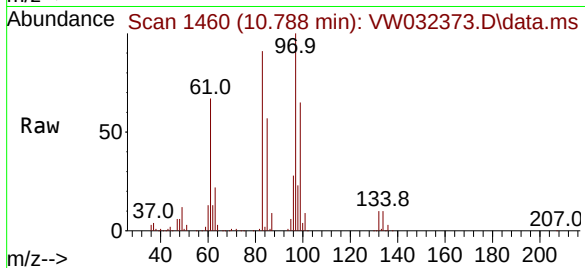
Ion Ratio Lower Upper

97 100

83 90.6 71.0 106.6

85 57.1 42.8 64.2

99 64.6 51.0 76.6



#56

Ethyl methacrylate

Concen: 18.972 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

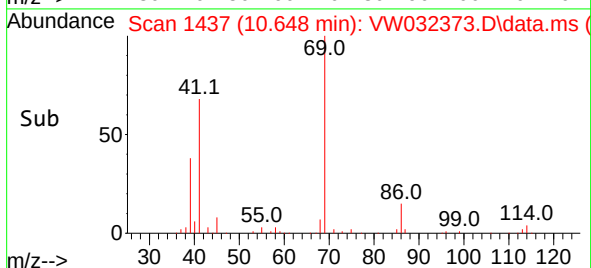
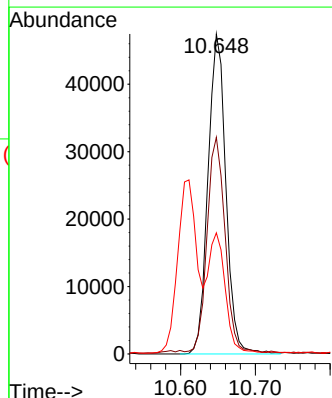
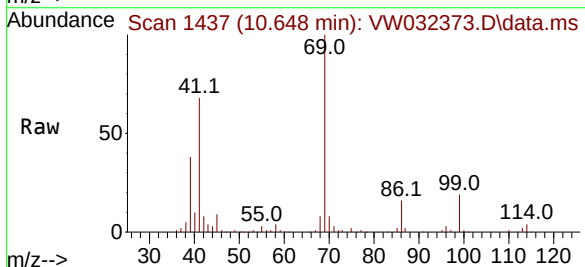
Tgt Ion: 69 Resp: 79037

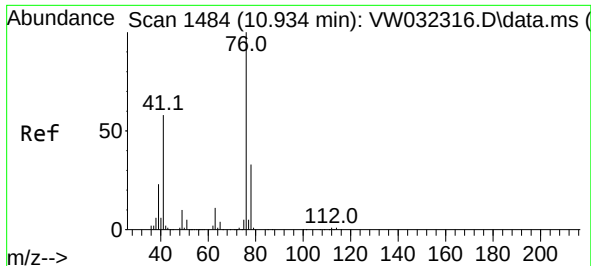
Ion Ratio Lower Upper

69 100

41 67.4 53.2 79.8

39 35.3 32.9 49.3

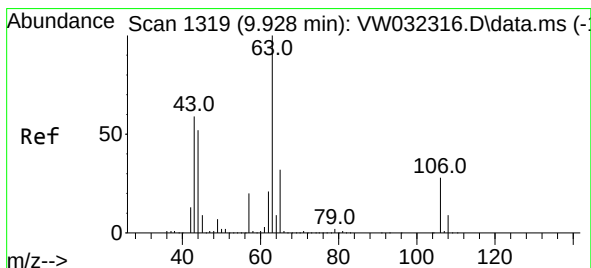
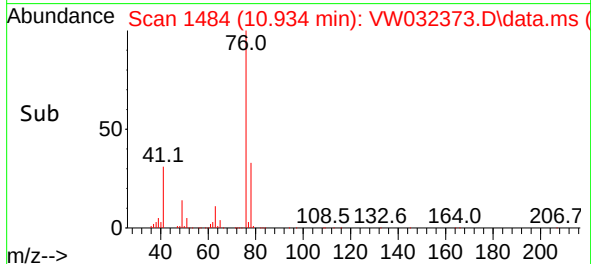
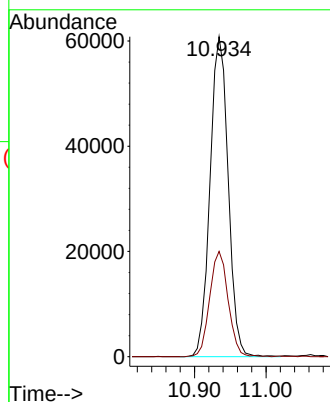
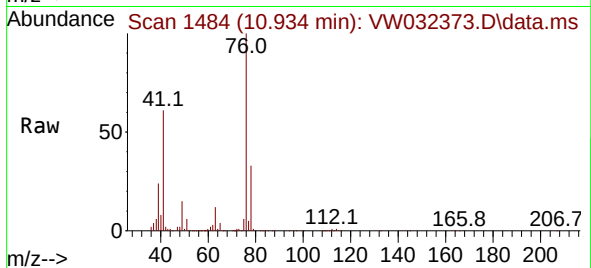




#57
1,3-Dichloropropane
Concen: 20.382 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

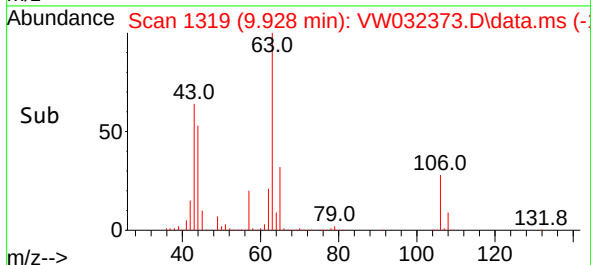
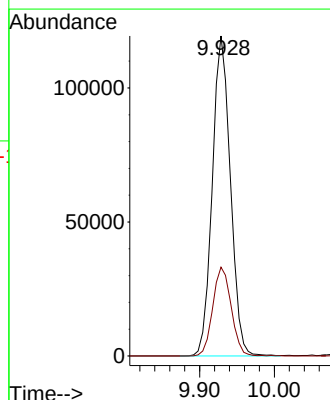
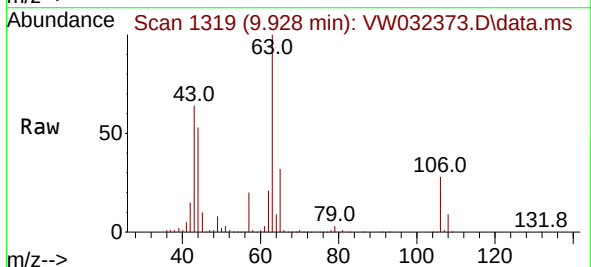
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

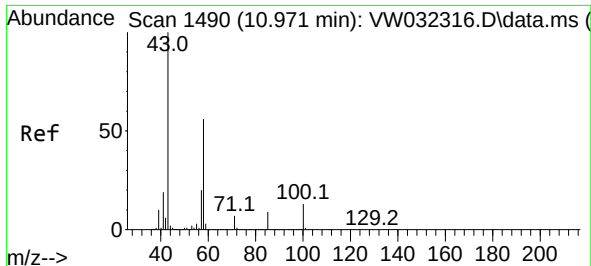
Tgt Ion: 76 Resp: 107144
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 90.773 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 63 Resp: 201252
Ion Ratio Lower Upper
63 100
106 28.2 24.3 36.5

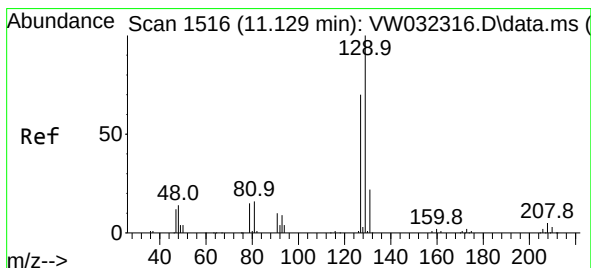
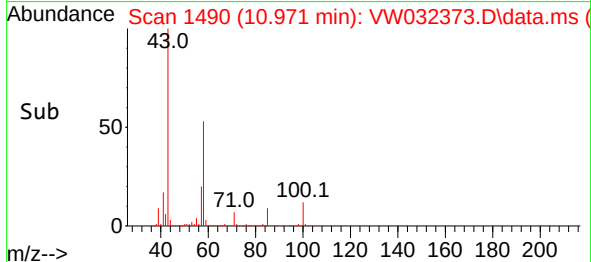
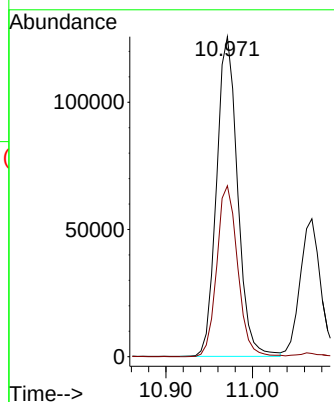
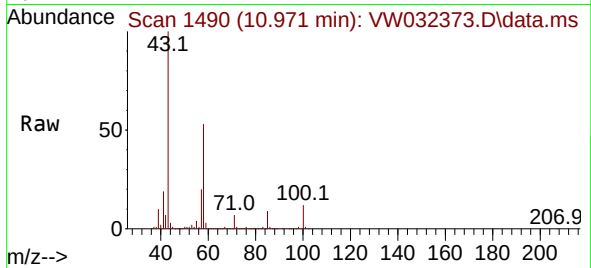




#59
2-Hexanone
Concen: 94.930 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

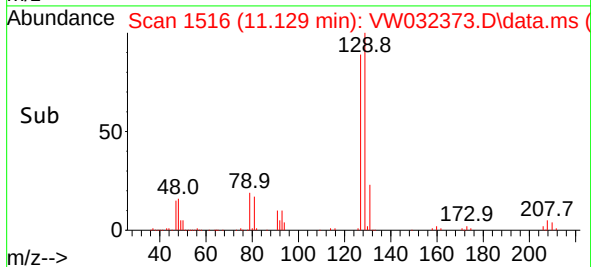
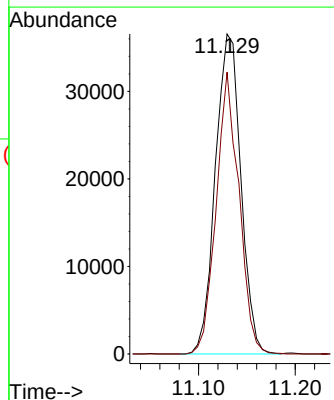
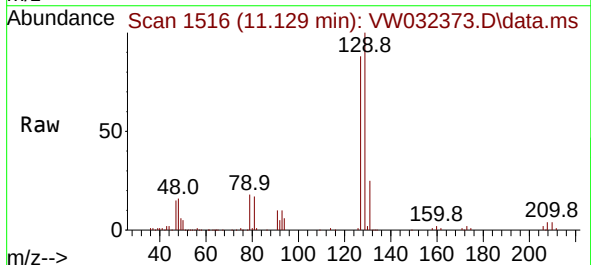
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

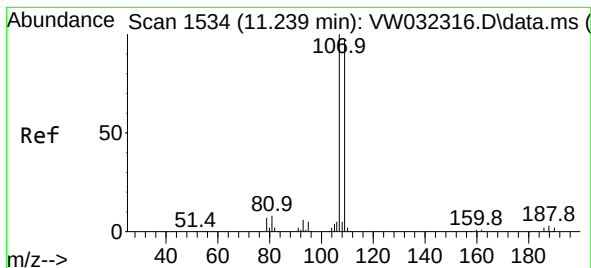
Tgt Ion: 43 Resp: 211955
Ion Ratio Lower Upper
43 100
58 53.1 27.5 82.4



#60
Dibromochloromethane
Concen: 19.826 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:129 Resp: 67003
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5

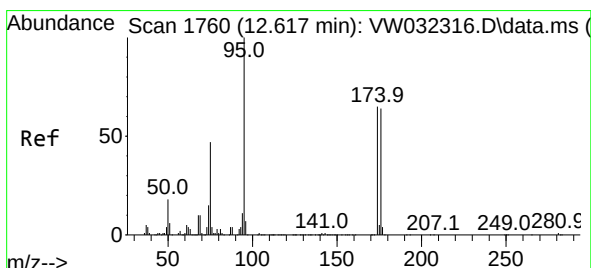
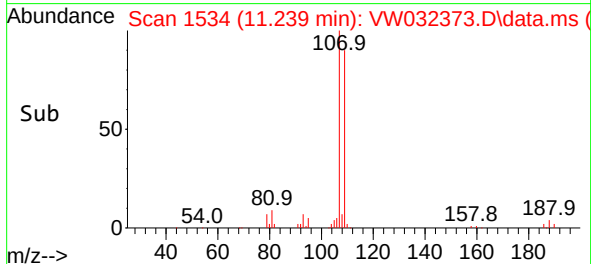
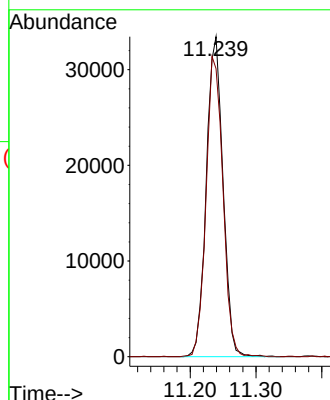
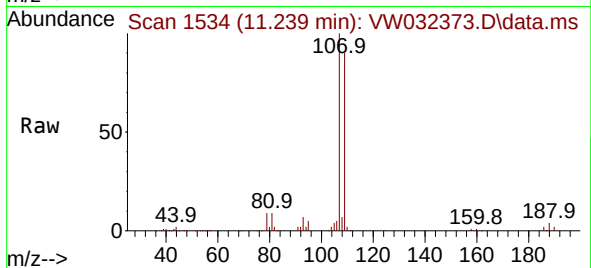




#61
1,2-Dibromoethane
Concen: 20.326 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

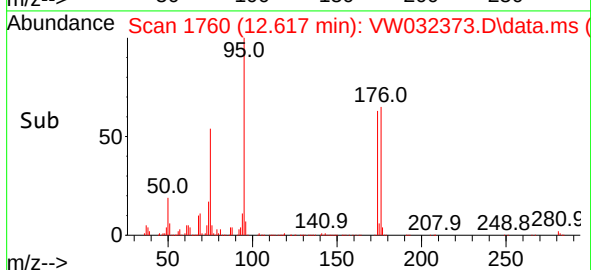
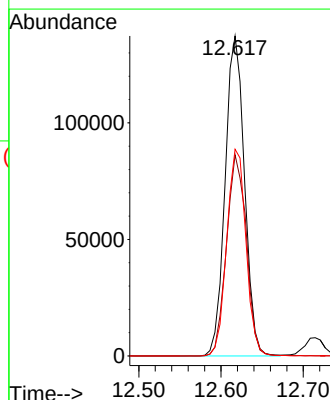
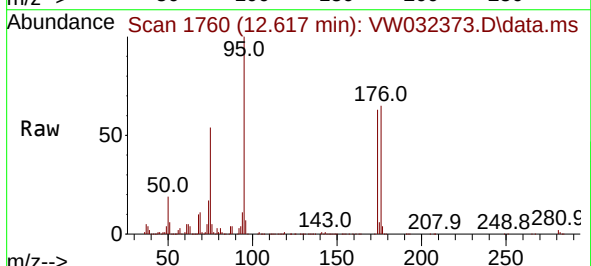
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

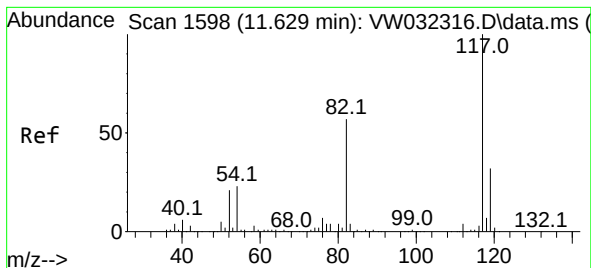
Tgt Ion:107 Resp: 58990
Ion Ratio Lower Upper
107 100
109 94.8 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.216 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 95 Resp: 225184
Ion Ratio Lower Upper
95 100
174 64.3 0.0 145.6
176 64.2 0.0 140.8

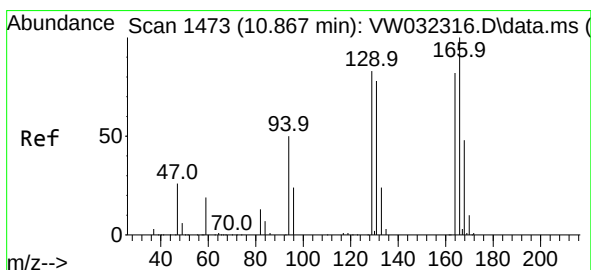
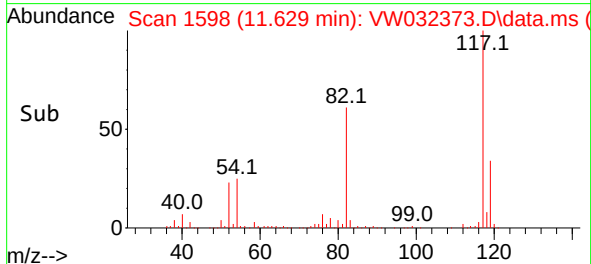
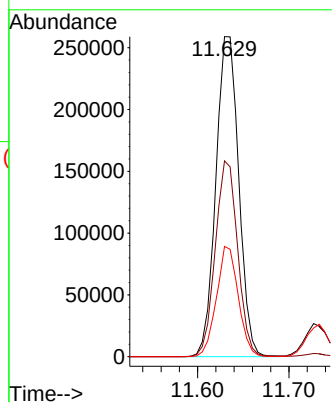
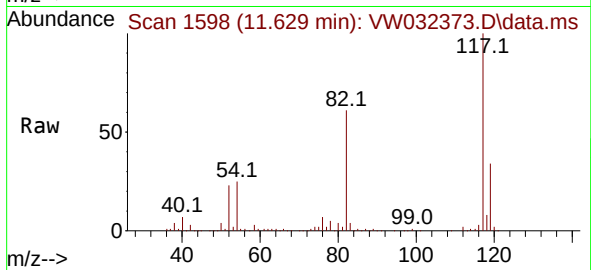




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

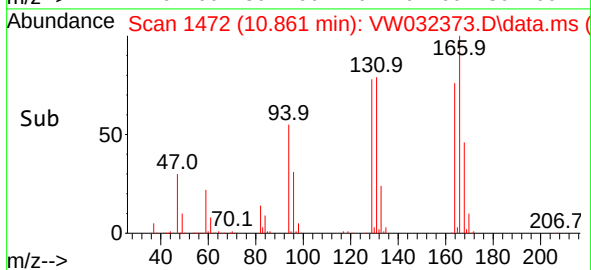
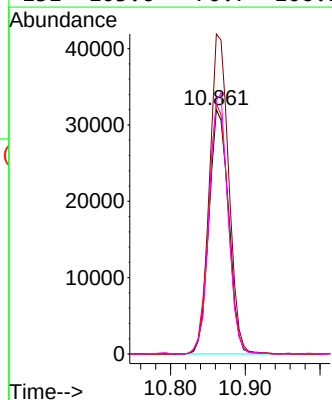
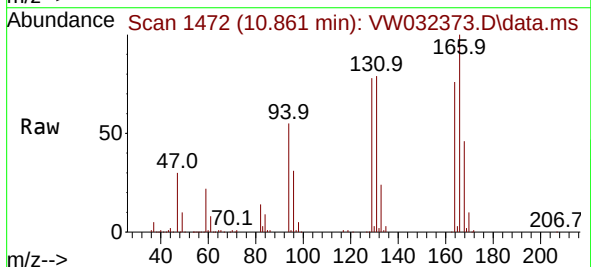
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

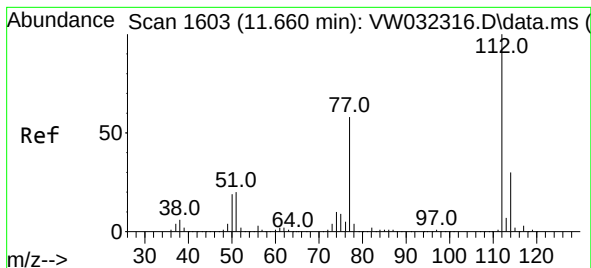
Tgt Ion:117 Resp: 451505
Ion Ratio Lower Upper
117 100
82 61.2 42.7 64.1
119 34.4 25.2 37.8



#64
Tetrachloroethene
Concen: 21.539 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:164 Resp: 58192
Ion Ratio Lower Upper
164 100
166 130.9 97.5 146.3
129 102.3 71.2 106.8
131 103.6 70.7 106.1





#65

Chlorobenzene

Concen: 20.955 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

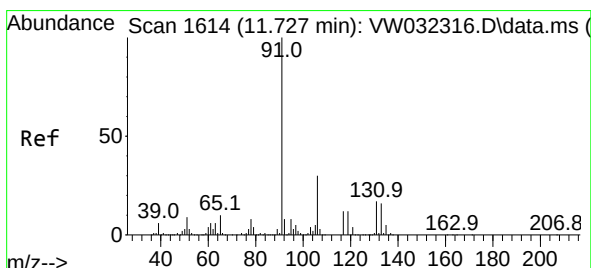
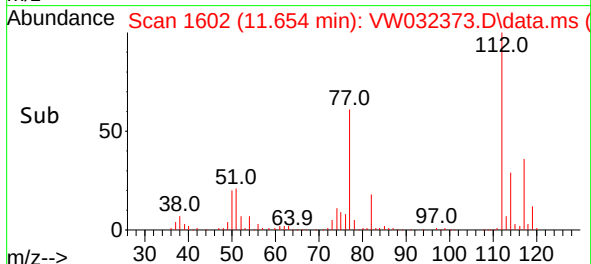
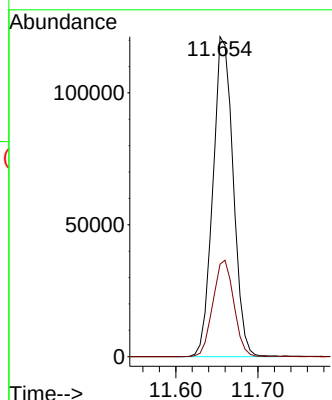
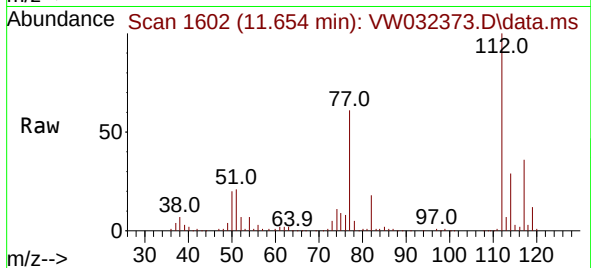
VW1007SBSD01

Tgt Ion:112 Resp: 208176

Ion Ratio Lower Upper

112 100

114 28.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.228 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

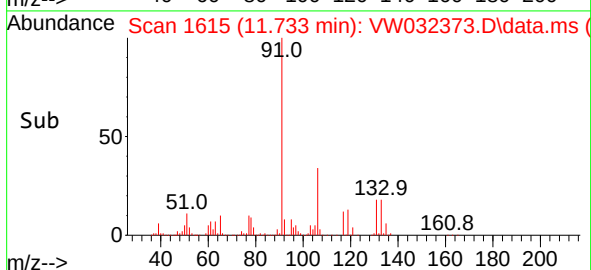
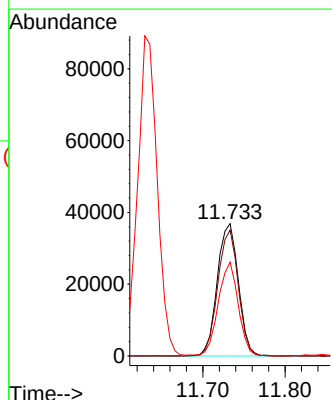
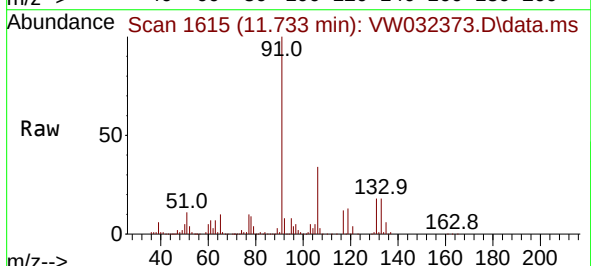
Tgt Ion:131 Resp: 65684

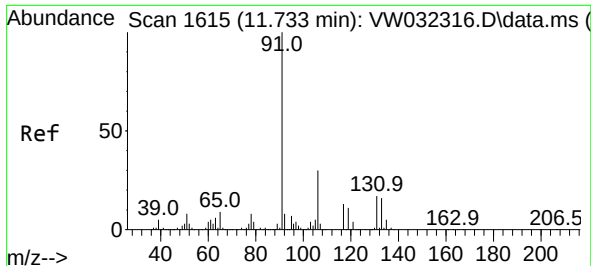
Ion Ratio Lower Upper

131 100

133 92.8 47.7 143.1

119 67.1 32.8 98.3

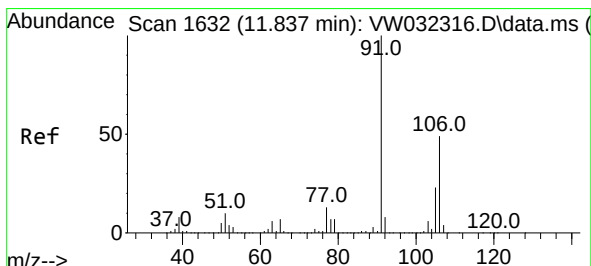
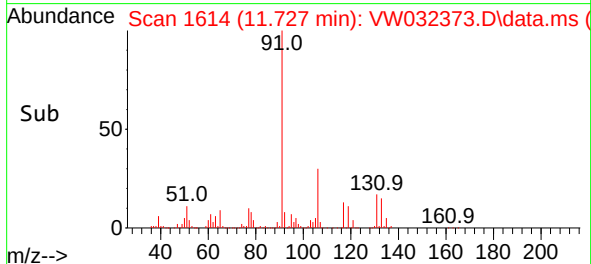
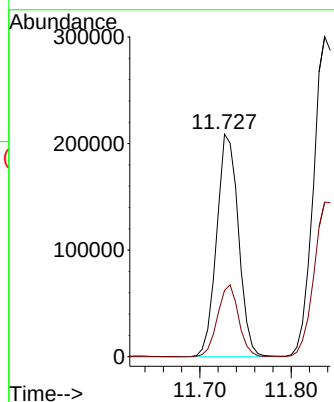
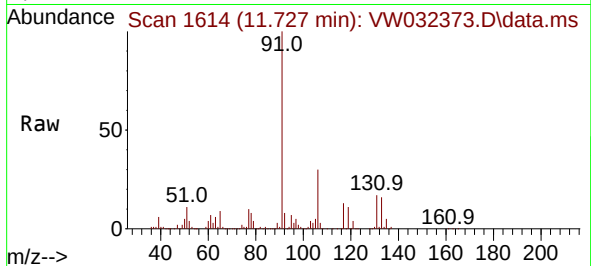




#67
Ethyl Benzene
Concen: 20.915 ug/l
RT: 11.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

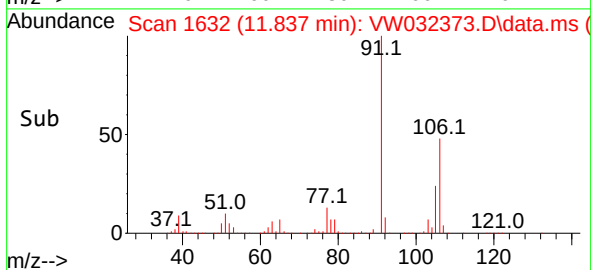
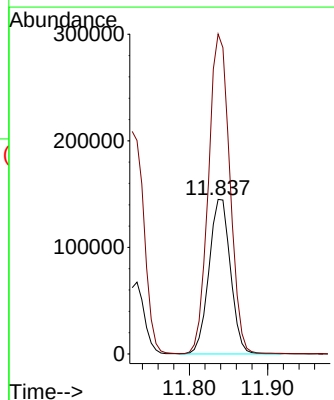
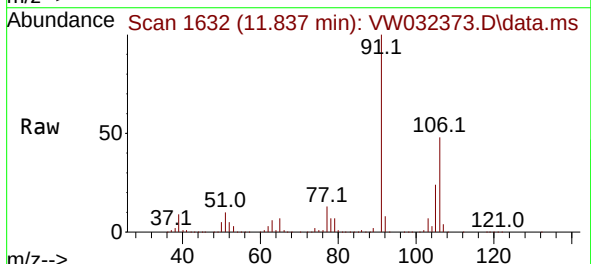
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

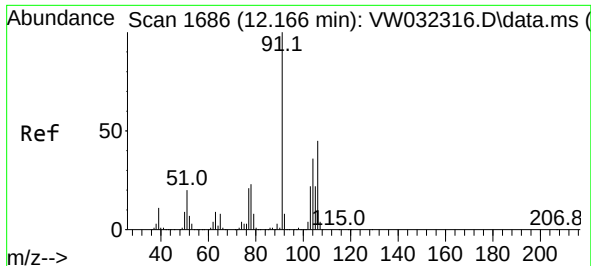
Tgt Ion: 91 Resp: 346328
Ion Ratio Lower Upper
91 100
106 29.7 25.3 37.9



#68
m/p-Xylenes
Concen: 43.245 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:106 Resp: 276133
Ion Ratio Lower Upper
106 100
91 206.6 164.2 246.2

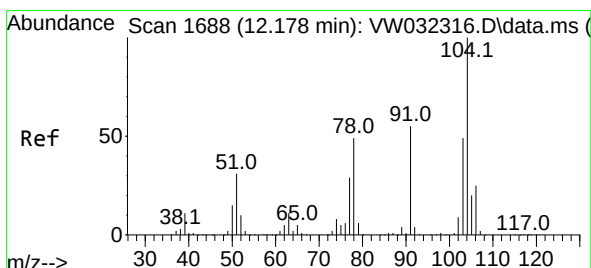
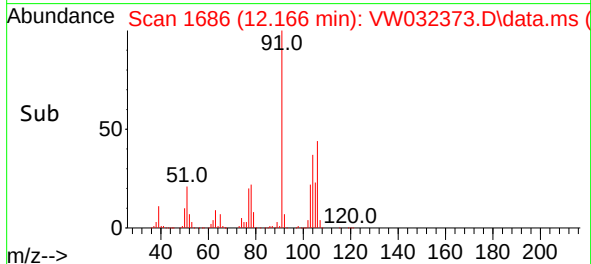
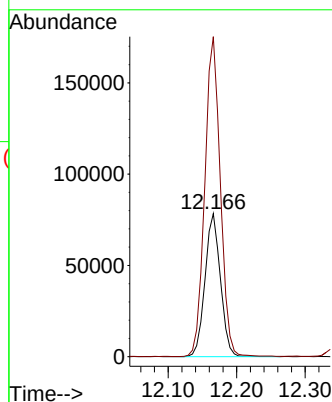
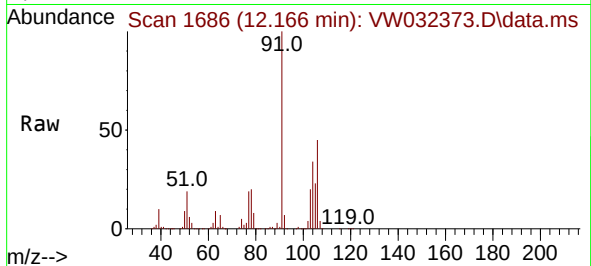




#69
o-Xylene
Concen: 20.569 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

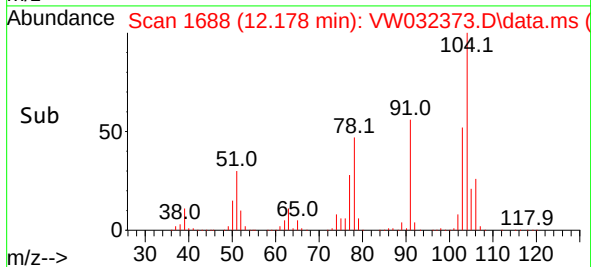
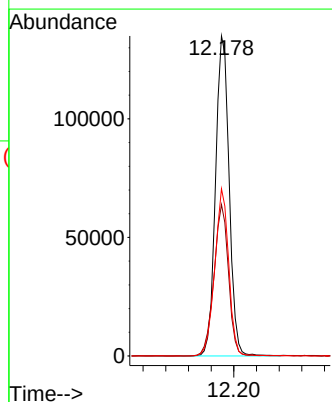
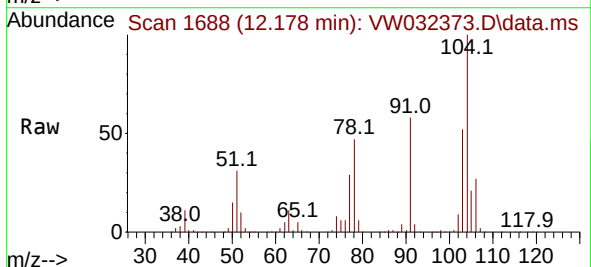
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

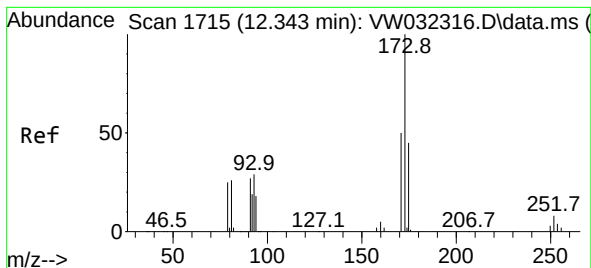
Tgt Ion:106 Resp: 122824
Ion Ratio Lower Upper
106 100
91 225.8 108.7 326.3



#70
Styrene
Concen: 21.599 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:104 Resp: 225190
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 53.7 44.8 67.2





#71

Bromoform

Concen: 19.786 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

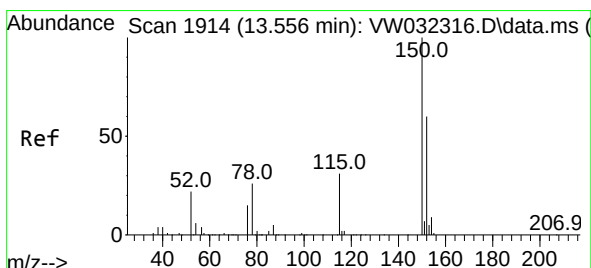
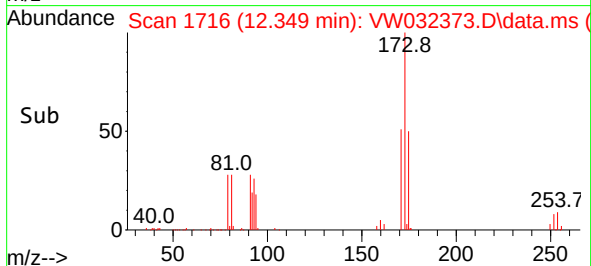
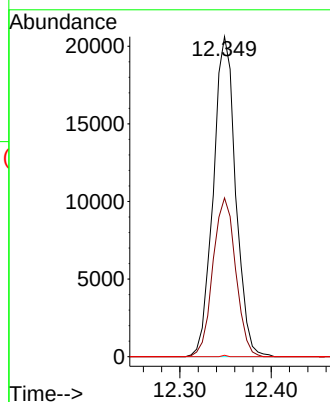
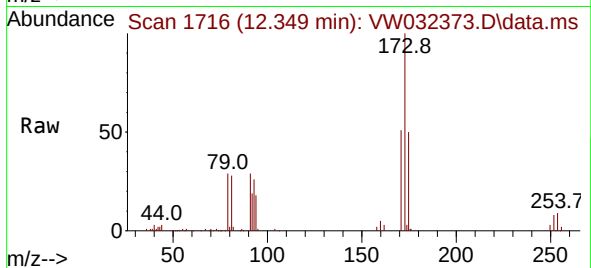
Tgt Ion:173 Resp: 35092

Ion Ratio Lower Upper

173 100

175 50.4 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

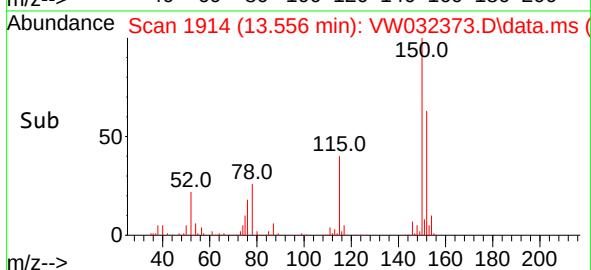
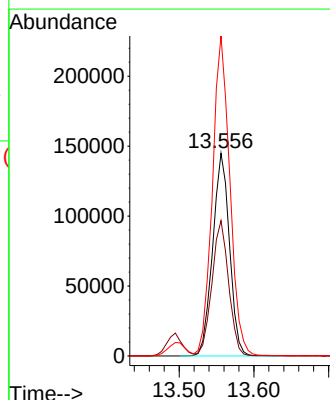
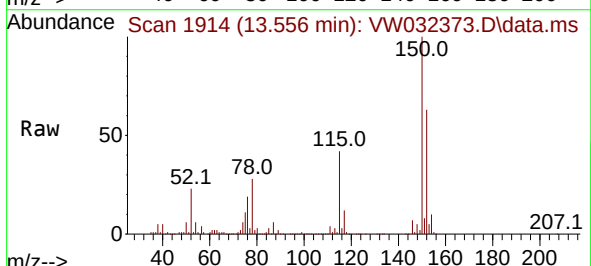
Tgt Ion:152 Resp: 227270

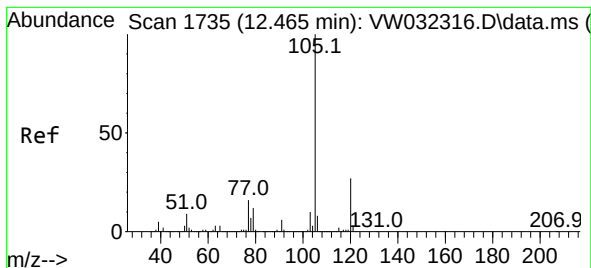
Ion Ratio Lower Upper

152 100

115 66.3 31.8 95.4

150 163.6 0.0 343.0

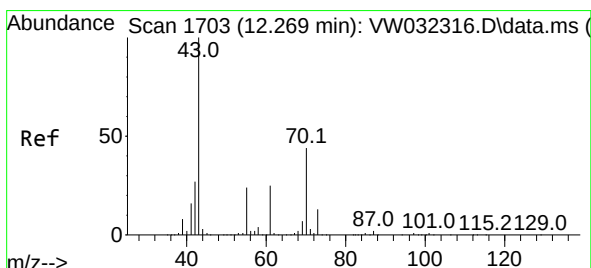
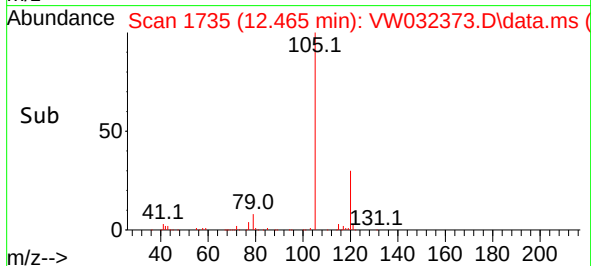
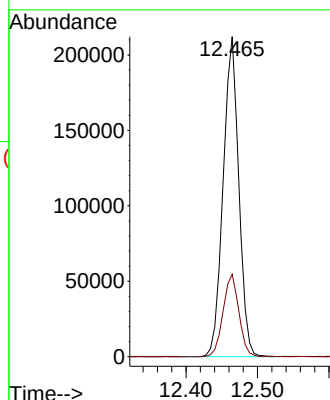
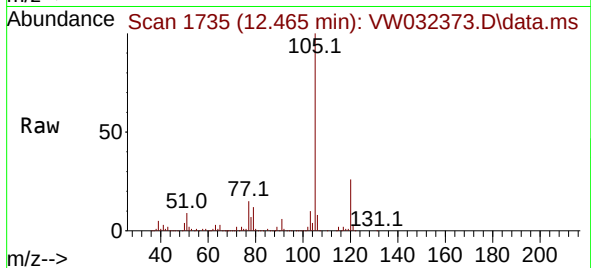




#73
Isopropylbenzene
Concen: 20.730 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

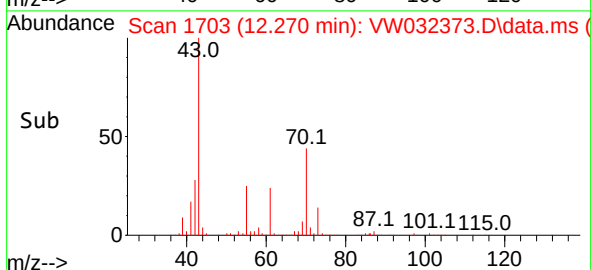
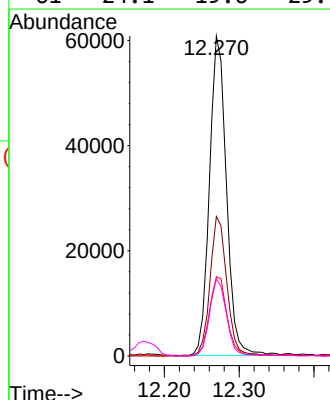
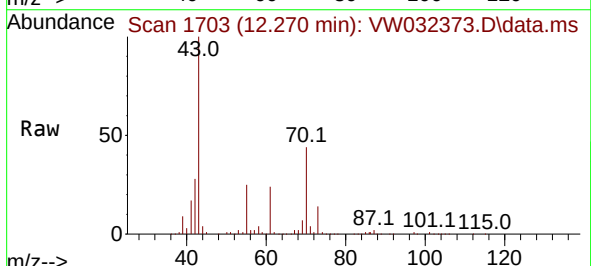
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

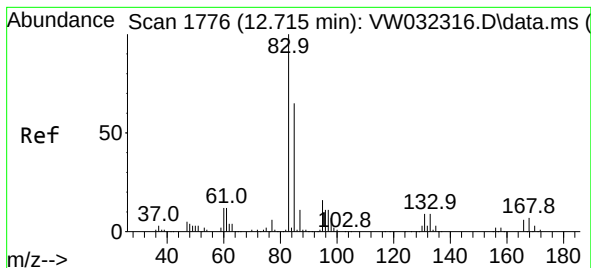
Tgt Ion:105 Resp: 322321
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 19.321 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 43 Resp: 95839
Ion Ratio Lower Upper
43 100
70 43.5 35.3 52.9
55 26.2 19.9 29.9
61 24.1 19.6 29.4

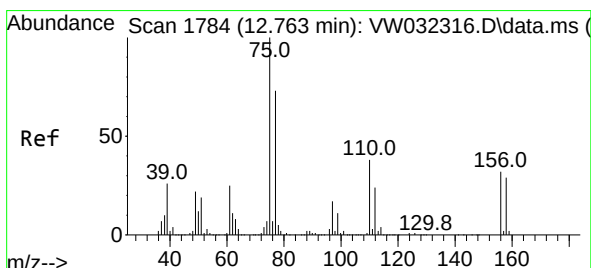
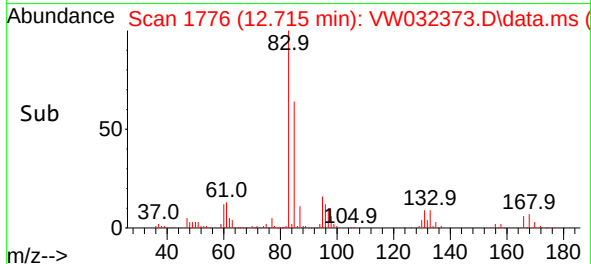
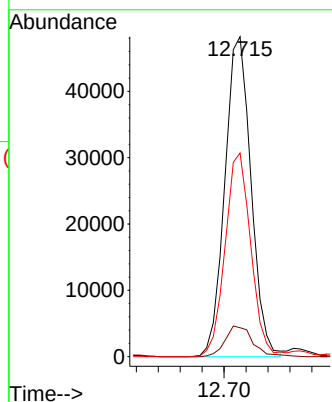
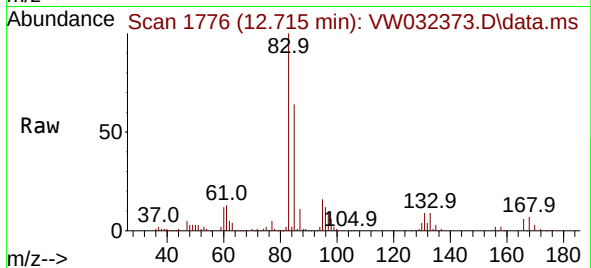




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.706 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

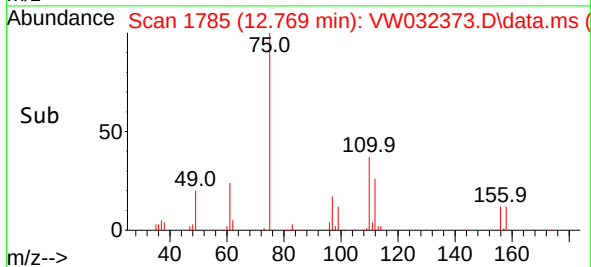
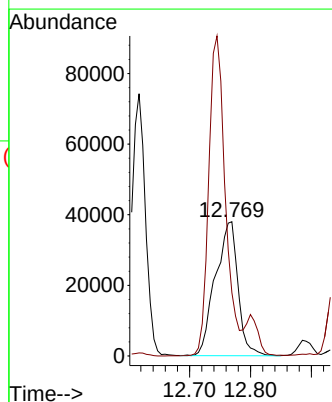
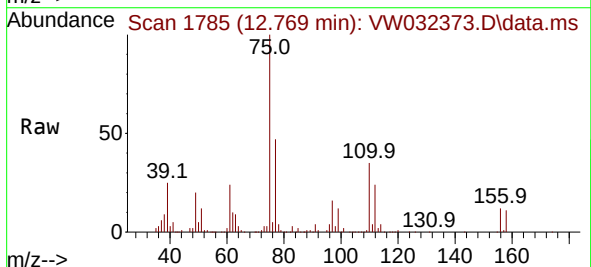
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

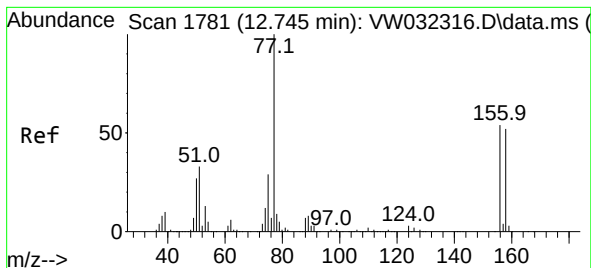
Tgt Ion: 83 Resp: 79941
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.4
 85 62.8 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 32.822 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

Tgt Ion: 75 Resp: 98163
 Ion Ratio Lower Upper
 75 100
 77 0.0 141.7 425.1#





#77

Bromobenzene

Concen: 20.291 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

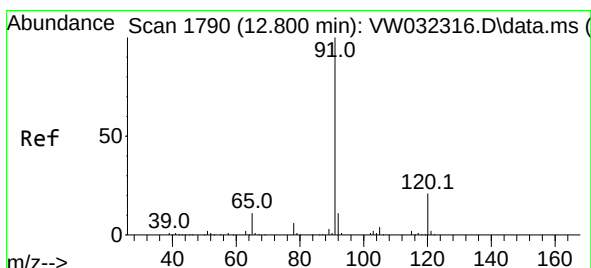
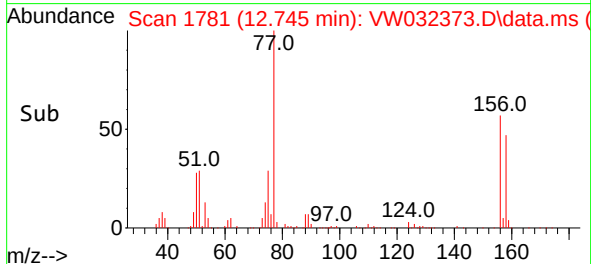
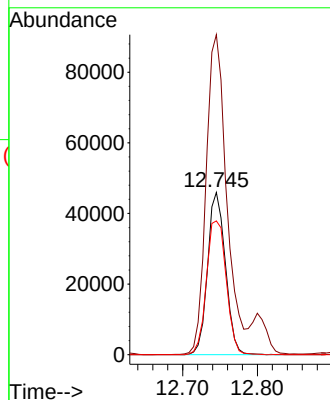
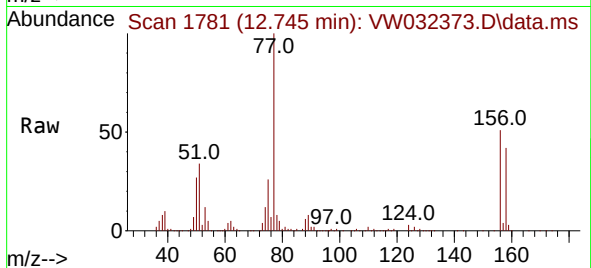
Tgt Ion:156 Resp: 76053

Ion Ratio Lower Upper

156 100

77 225.4 98.6 295.7

158 91.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.434 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032373.D

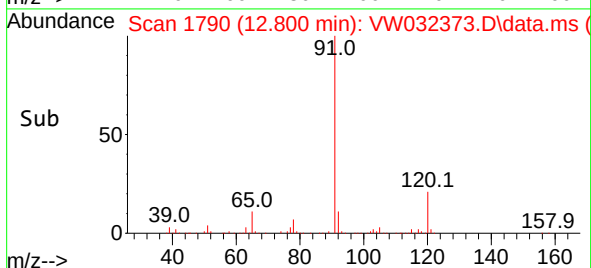
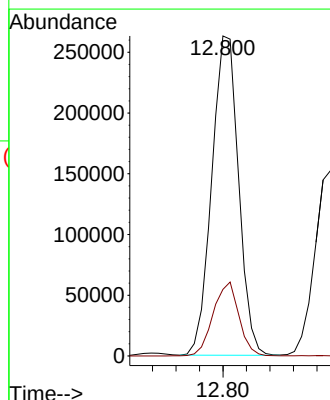
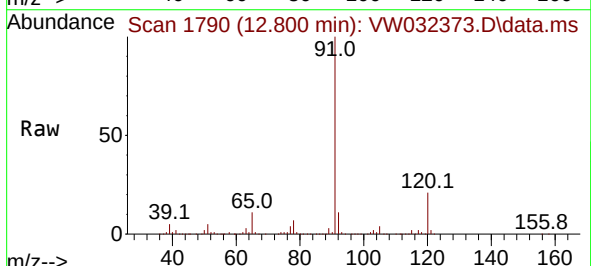
Acq: 07 Oct 2025 11:02

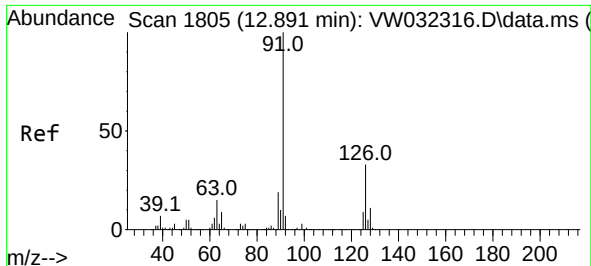
Tgt Ion: 91 Resp: 416312

Ion Ratio Lower Upper

91 100

120 22.2 11.8 35.4

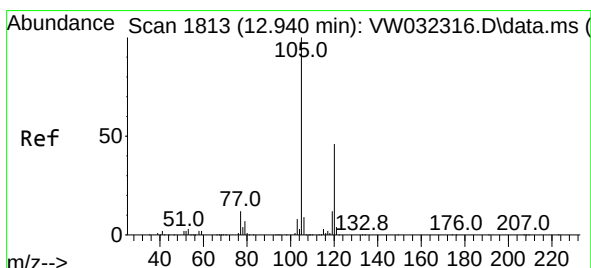
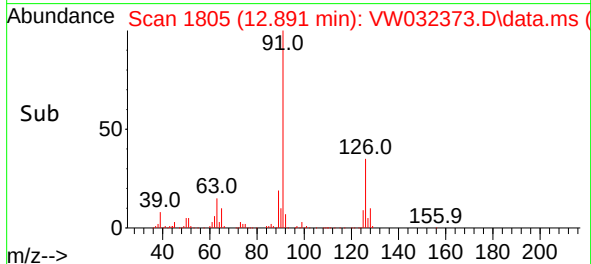
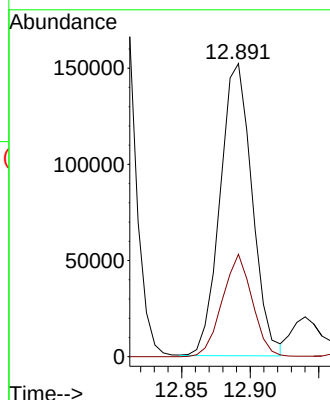
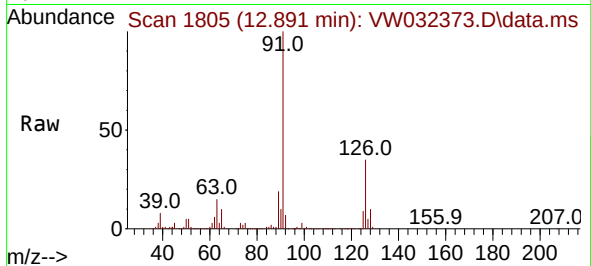




#79
2-Chlorotoluene
Concen: 20.843 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

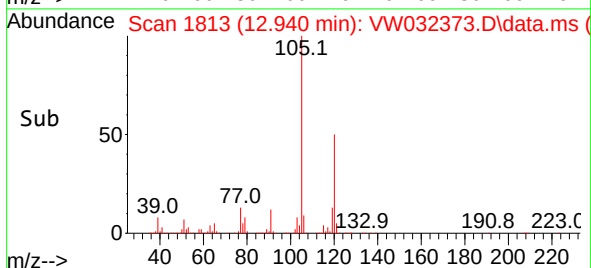
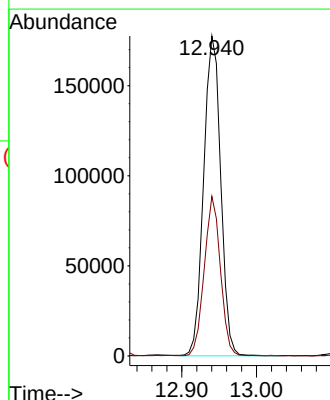
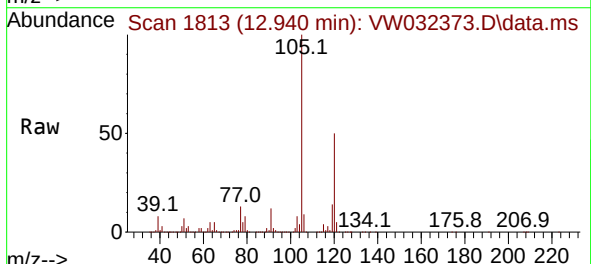
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

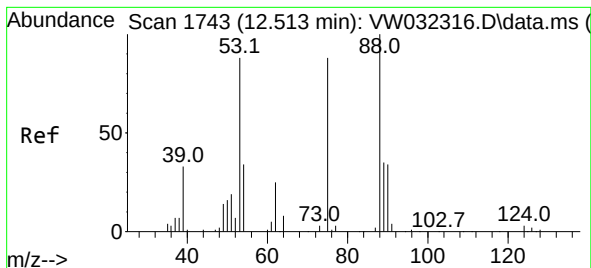
Tgt Ion: 91 Resp: 247520
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.929 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 105 Resp: 281385
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.425 ug/l

RT: 12.507 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

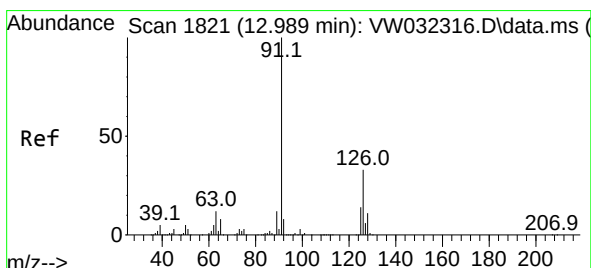
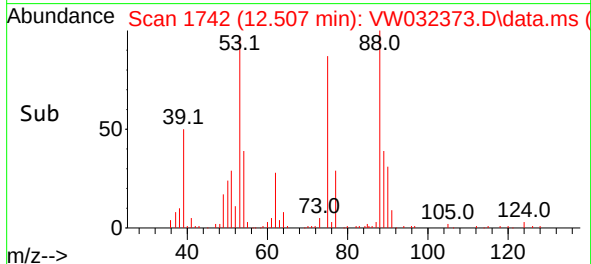
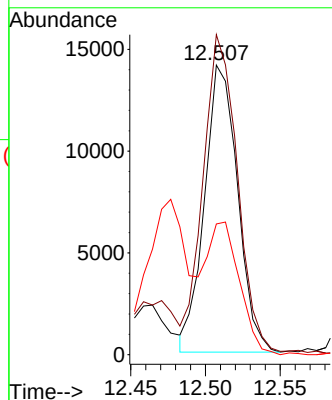
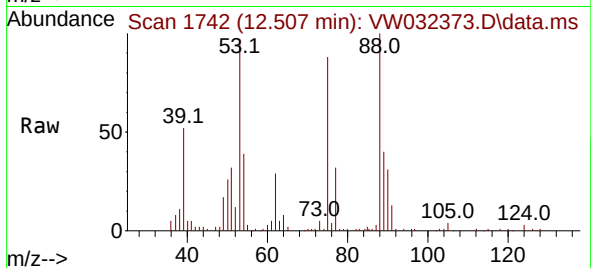
Tgt Ion: 75 Resp: 21752

Ion Ratio Lower Upper

75 100

53 115.2 91.0 136.6

89 45.3 39.4 59.2



#82

4-Chlorotoluene

Concen: 20.768 ug/l

RT: 12.983 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VW032373.D

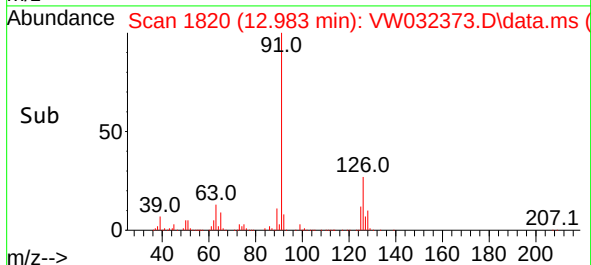
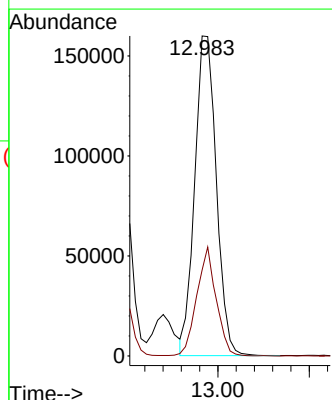
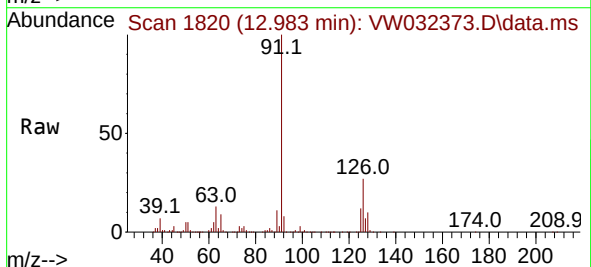
Acq: 07 Oct 2025 11:02

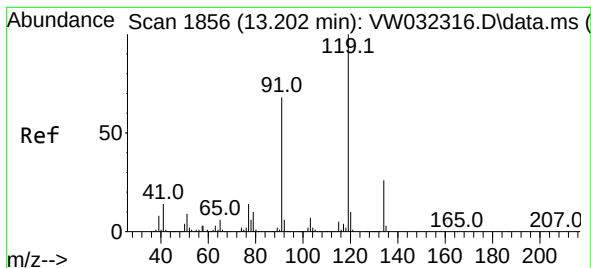
Tgt Ion: 91 Resp: 262210

Ion Ratio Lower Upper

91 100

126 30.7 16.1 48.2

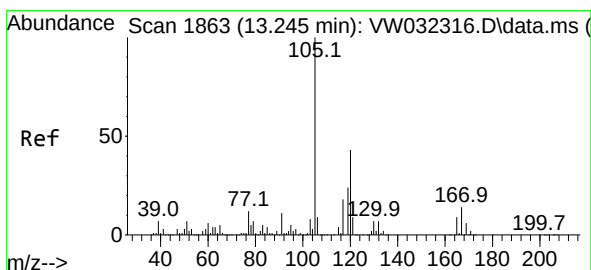
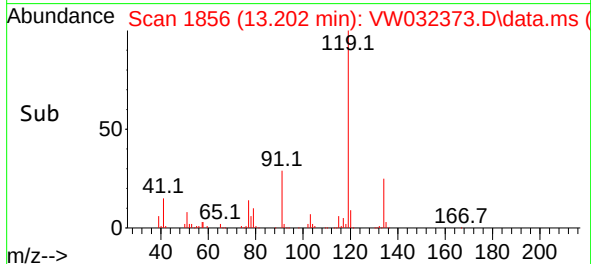
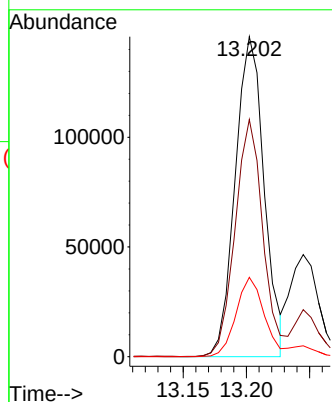
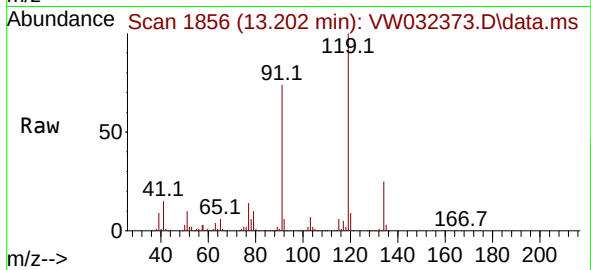




#83
tert-Butylbenzene
Concen: 21.078 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

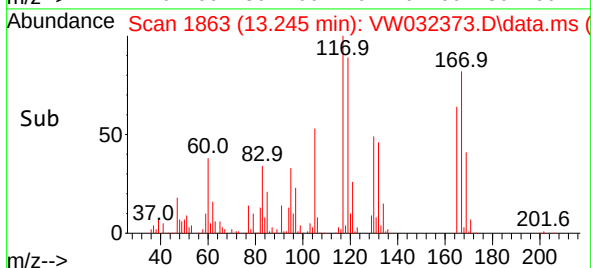
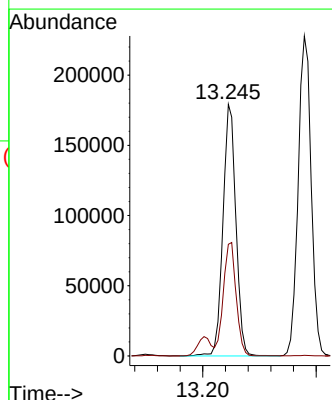
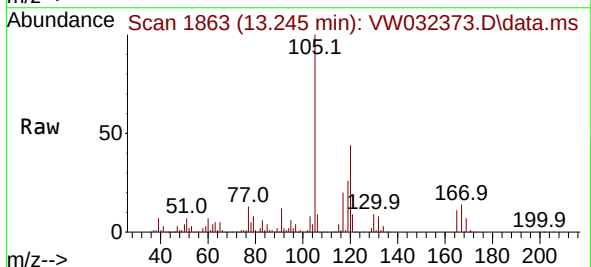
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

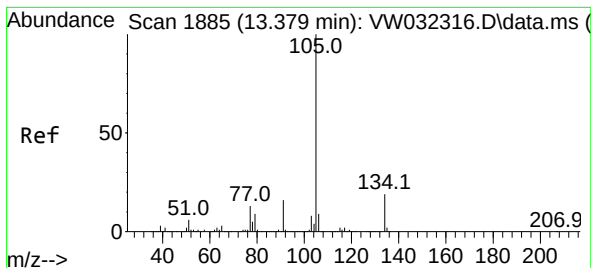
Tgt Ion:119 Resp: 232525
Ion Ratio Lower Upper
119 100
91 72.0 33.8 101.3
134 24.5 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.785 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:105 Resp: 284158
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.3

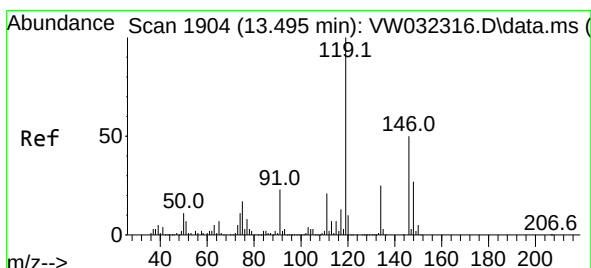
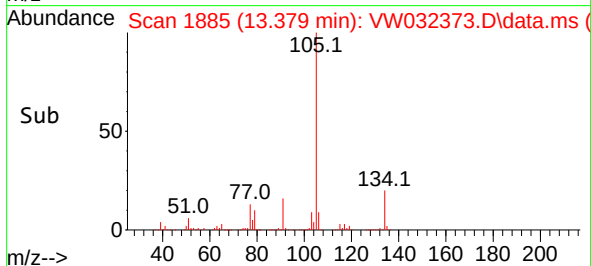
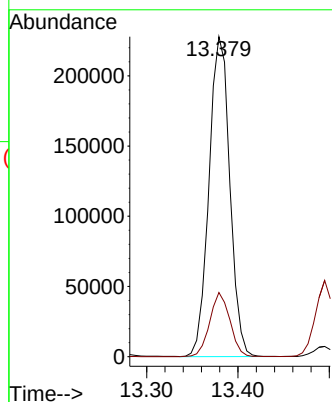
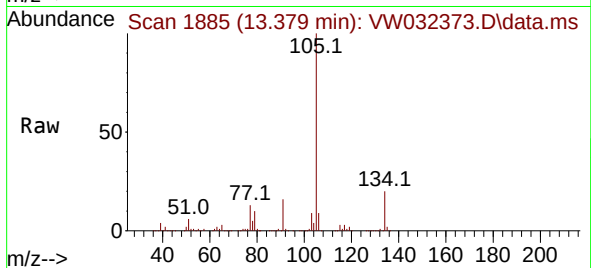




#85
 sec-Butylbenzene
 Concen: 21.444 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

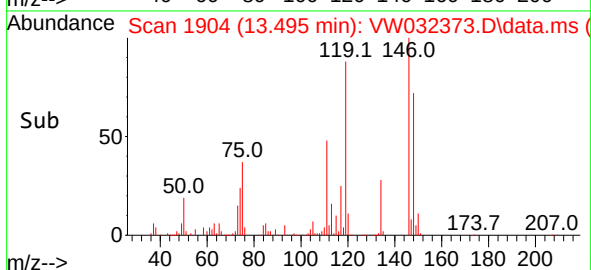
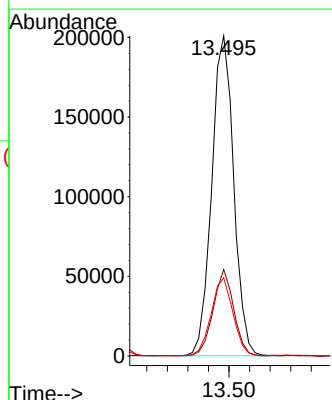
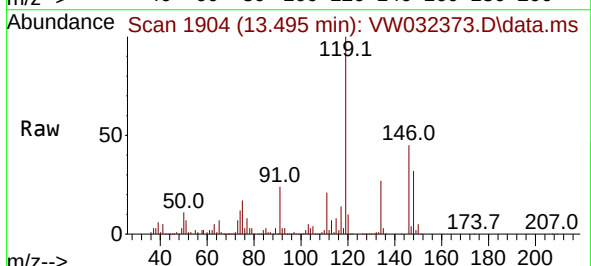
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

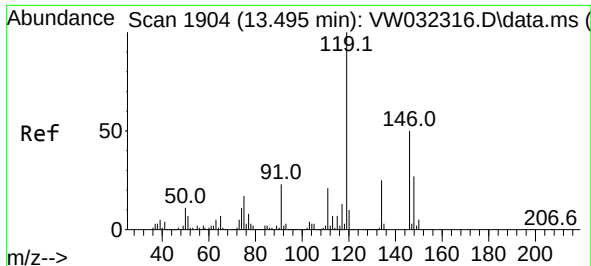
Tgt Ion:105 Resp: 361502
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.257 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032373.D
 Acq: 07 Oct 2025 11:02

Tgt Ion:119 Resp: 297342
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 24.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.771 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

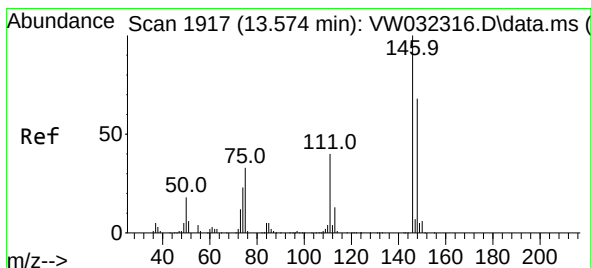
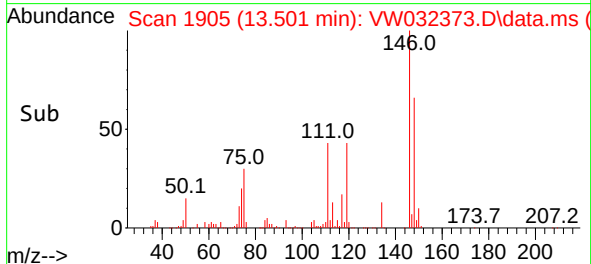
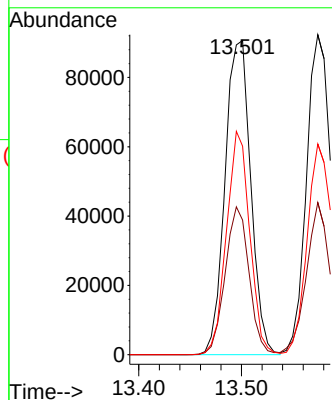
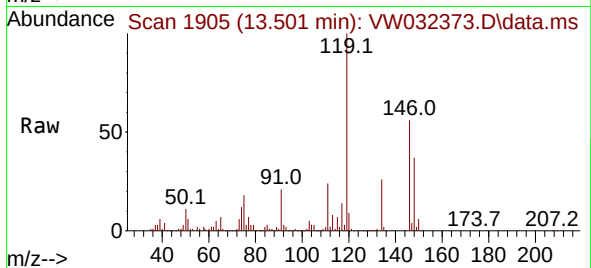
Tgt Ion:146 Resp: 157645

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 64.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.225 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

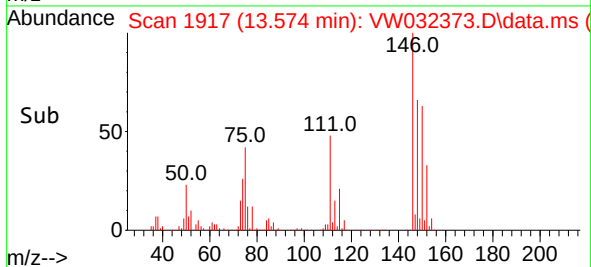
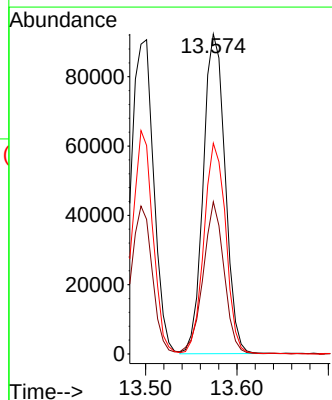
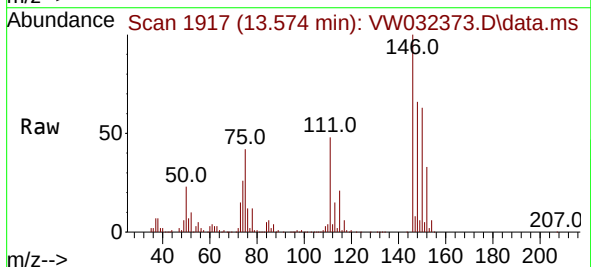
Tgt Ion:146 Resp: 153489

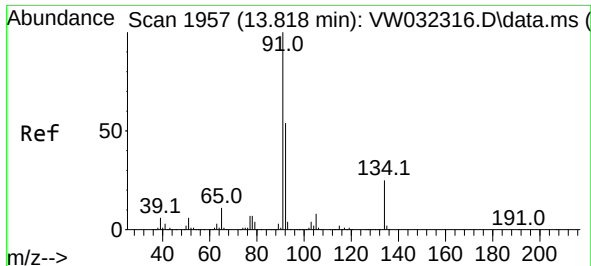
Ion Ratio Lower Upper

146 100

111 45.5 21.3 63.7

148 65.7 33.4 100.1

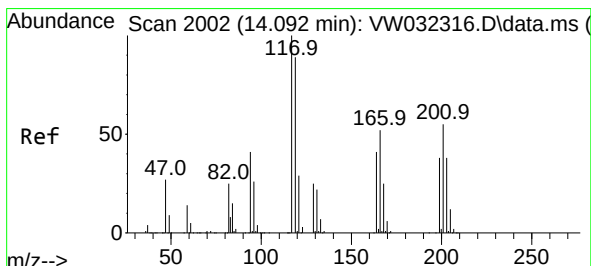
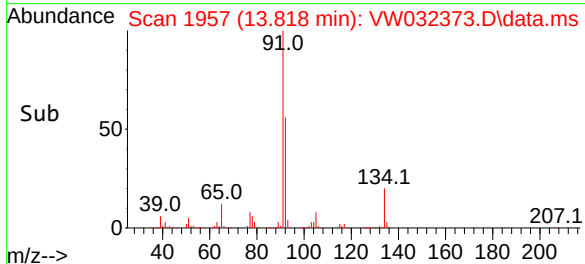
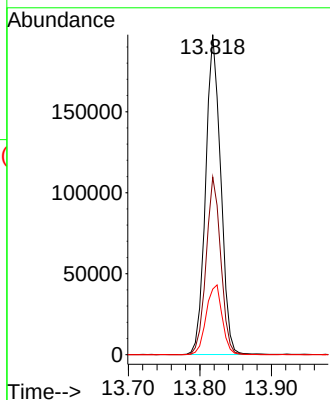
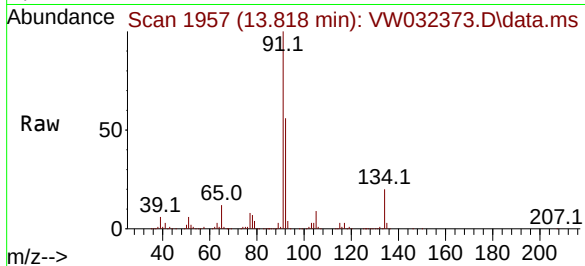




#89
n-Butylbenzene
Concen: 21.156 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

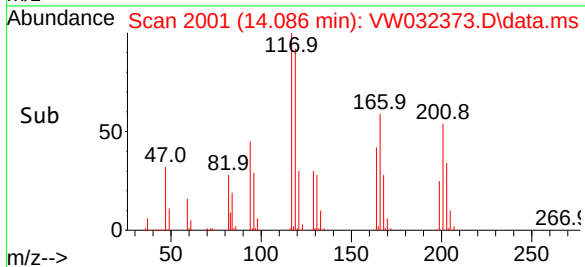
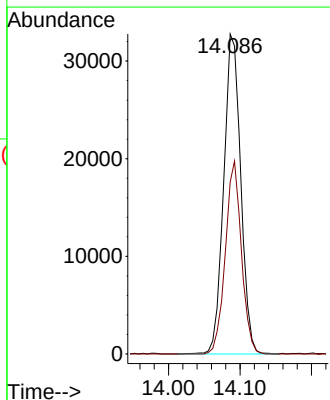
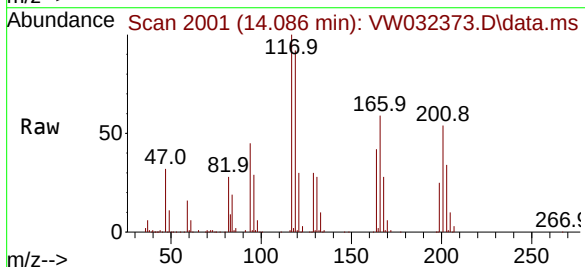
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

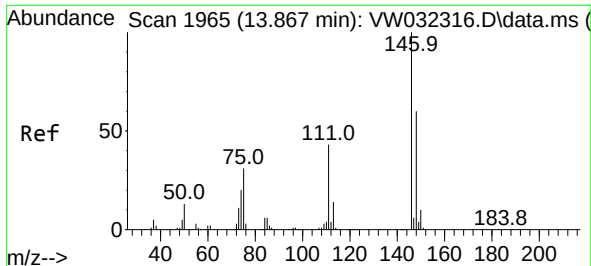
Tgt Ion: 91 Resp: 288939
Ion Ratio Lower Upper
91 100
92 54.2 27.0 81.0
134 23.1 13.1 39.3



#90
Hexachloroethane
Concen: 21.585 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion: 117 Resp: 54120
Ion Ratio Lower Upper
117 100
201 56.9 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 20.749 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

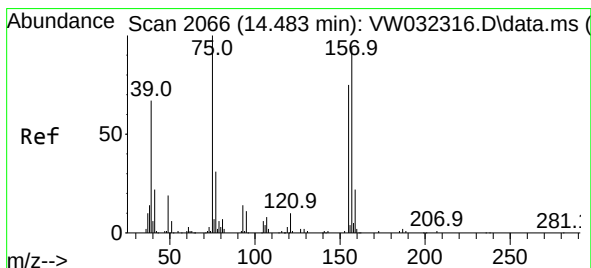
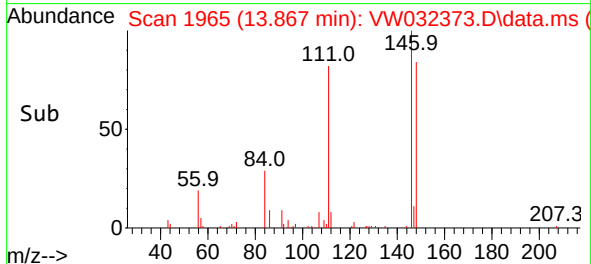
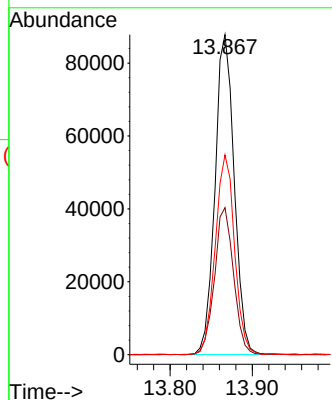
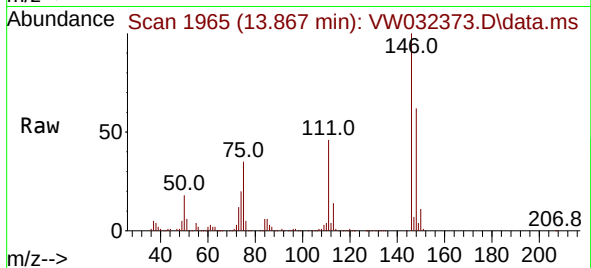
Tgt Ion:146 Resp: 142357

Ion Ratio Lower Upper

146 100

111 45.9 23.4 70.0

148 62.9 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.728 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

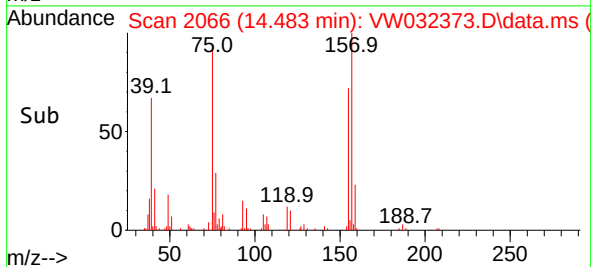
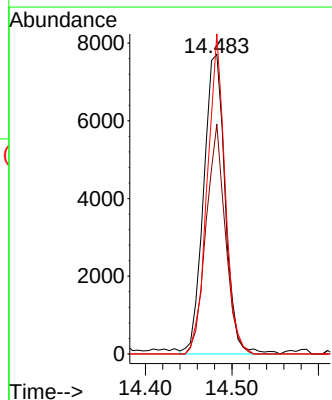
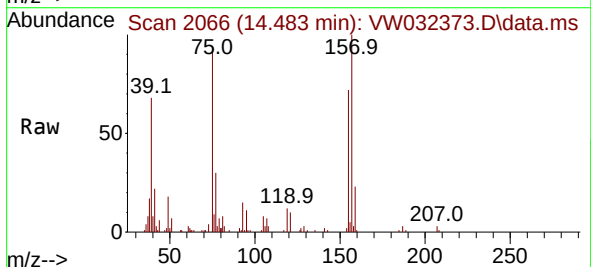
Tgt Ion: 75 Resp: 13335

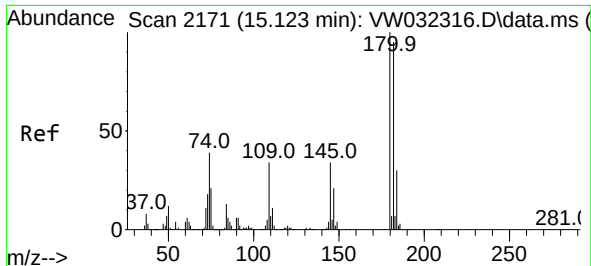
Ion Ratio Lower Upper

75 100

155 68.5 40.8 122.5

157 88.2 51.8 155.4

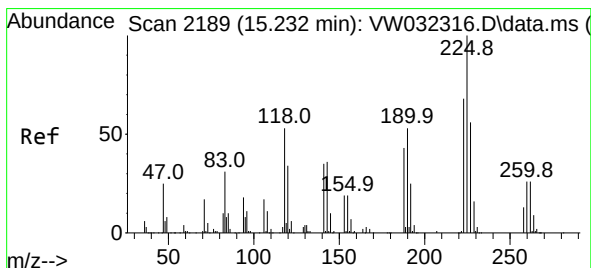
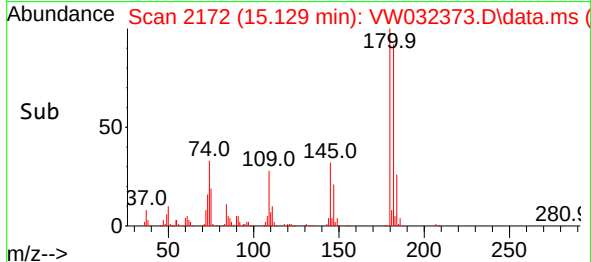
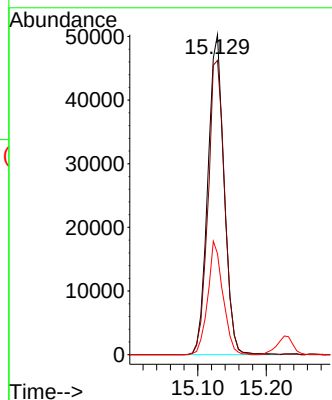
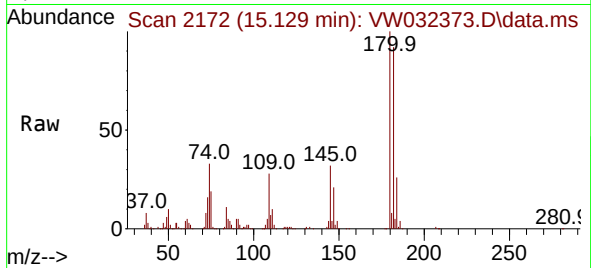




#93
1,2,4-Trichlorobenzene
Concen: 20.125 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

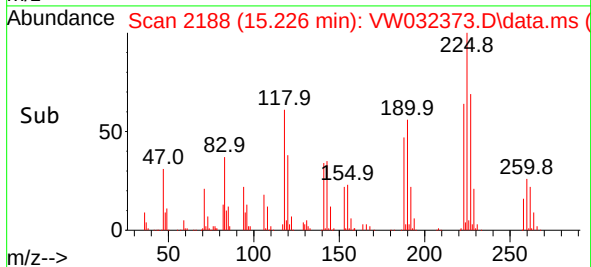
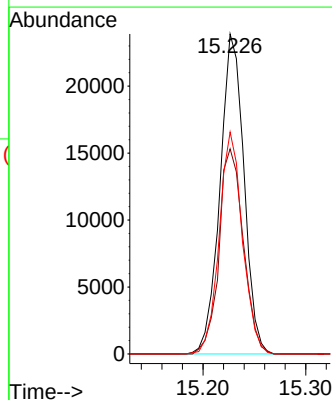
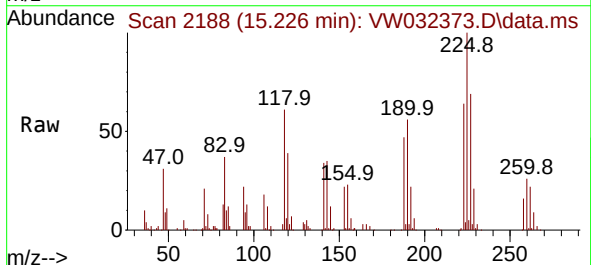
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBSD01

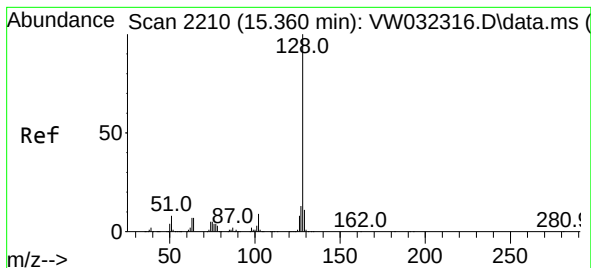
Tgt Ion:180 Resp: 82795
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 33.2 16.4 49.1



#94
Hexachlorobutadiene
Concen: 20.517 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032373.D
Acq: 07 Oct 2025 11:02

Tgt Ion:225 Resp: 38591
Ion Ratio Lower Upper
225 100
223 65.0 29.8 89.3
227 67.4 30.5 91.5





#95

Naphthalene

Concen: 19.111 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBSD01

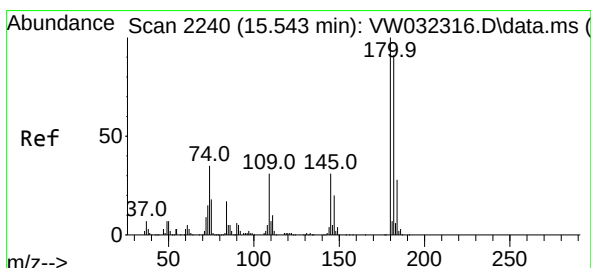
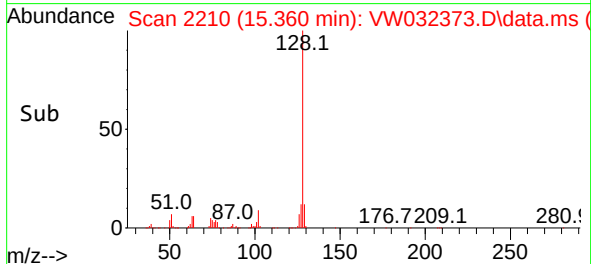
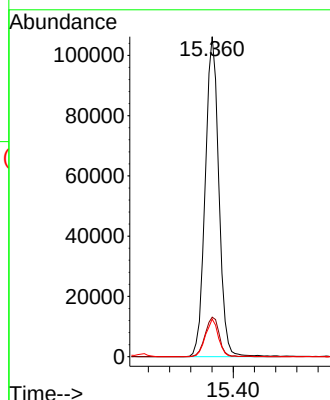
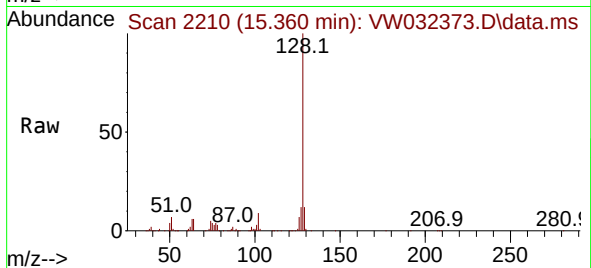
Tgt Ion:128 Resp: 188816

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.064 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032373.D

Acq: 07 Oct 2025 11:02

Tgt Ion:180 Resp: 73925

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

145 36.3 17.2 51.6

