

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032378.D
 Acq On : 20 Oct 2025 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 21 01:22:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	276051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	500417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	466876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	205038	50.924	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.840%	
35) Dibromofluoromethane	7.904	113	173699	53.598	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.200%	
50) Toluene-d8	10.325	98	639666	53.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.617	95	235180	52.021	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	85790	49.525	ug/l	94
3) Chloromethane	2.259	50	126734	47.414	ug/l	100
4) Vinyl Chloride	2.405	62	167782	52.579	ug/l	98
5) Bromomethane	2.826	94	122514	52.244	ug/l	99
6) Chloroethane	2.972	64	114864	54.521	ug/l	94
7) Trichlorofluoromethane	3.308	101	138344	57.903	ug/l	91
8) Diethyl Ether	3.722	74	110844	53.538	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.106	101	155412	54.231	ug/l	93
10) Methyl Iodide	4.307	142	232975	56.977	ug/l	97
11) Tert butyl alcohol	5.216	59	64740	212.423	ug/l	97
12) 1,1-Dichloroethene	4.076	96	172650	55.494	ug/l	92
13) Acrolein	3.936	56	43147	87.232	ug/l	97
14) Allyl chloride	4.704	41	281514	53.572	ug/l	90
15) Acrylonitrile	5.405	53	276868	257.055	ug/l	99
16) Acetone	4.167	43	269841	242.037	ug/l	98
17) Carbon Disulfide	4.417	76	472236	55.631	ug/l	99
18) Methyl Acetate	4.710	43	179023	56.056	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	330675	53.964	ug/l	96
20) Methylene Chloride	4.960	84	199566	54.562	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	192705	55.946	ug/l	94
22) Diisopropyl ether	6.344	45	604917	55.352	ug/l	92
23) Vinyl Acetate	6.283	43	1937061	265.367	ug/l	98
24) 1,1-Dichloroethane	6.246	63	364897	54.958	ug/l	99
25) 2-Butanone	7.197	43	380931	250.876	ug/l	98
26) 2,2-Dichloropropane	7.185	77	193268	56.907	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	226473	54.730	ug/l	93
28) Bromochloromethane	7.532	49	168276	53.869	ug/l	88
29) Tetrahydrofuran	7.551	42	247520	259.216	ug/l	95
30) Chloroform	7.691	83	380098	56.448	ug/l	100
31) Cyclohexane	7.971	56	284615	50.212	ug/l	95
32) 1,1,1-Trichloroethane	7.892	97	270780	56.749	ug/l	99
36) 1,1-Dichloropropene	8.099	75	256579	56.099	ug/l	99
37) Ethyl Acetate	7.270	43	155800	51.178	ug/l	99
38) Carbon Tetrachloride	8.081	117	252146	58.585	ug/l	98
39) Methylcyclohexane	9.343	83	296823	53.803	ug/l	95
40) Benzene	8.337	78	800201	55.818	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	89114	54.317	ug/l	93
42) 1,2-Dichloroethane	8.410	62	257863	54.972	ug/l	99
43) Isopropyl Acetate	8.435	43	295528	54.722	ug/l	99
44) Trichloroethene	9.099	130	182918	54.492	ug/l	92
45) 1,2-Dichloropropane	9.374	63	200994	56.170	ug/l	100
46) Dibromomethane	9.465	93	123268	56.022	ug/l	95
47) Bromodichloromethane	9.654	83	298867	59.385	ug/l	98
48) Methyl methacrylate	9.441	41	138219	52.640	ug/l	95
49) 1,4-Dioxane	9.465	88	33056	1099.123	ug/l	95
51) 4-Methyl-2-Pentanone	10.215	43	860318	275.041	ug/l	99
52) Toluene	10.392	92	513800	57.552	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	281818	57.719	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	321876	57.231	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	168313	57.233	ug/l	93
56) Ethyl methacrylate	10.648	69	231959	56.352	ug/l #	94
57) 1,3-Dichloropropane	10.934	76	289077	55.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	629980	287.576	ug/l	96
59) 2-Hexanone	10.971	43	610396	276.684	ug/l	99
60) Dibromochloromethane	11.129	129	206640	61.883	ug/l	97
61) 1,2-Dibromoethane	11.239	107	159483	55.617	ug/l	97
64) Tetrachloroethene	10.867	164	147123	52.663	ug/l	96
65) Chlorobenzene	11.660	112	546708	53.221	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	188463	58.904	ug/l	99
67) Ethyl Benzene	11.733	91	961868	56.174	ug/l	98
68) m/p-Xylenes	11.837	106	744366	112.736	ug/l	100
69) o-Xylene	12.166	106	345708	55.988	ug/l	98
70) Styrene	12.178	104	628107	58.262	ug/l	98
71) Bromoform	12.349	173	112897	61.560	ug/l #	95
73) Isopropylbenzene	12.464	105	876325	54.560	ug/l	100
74) N-amyl acetate	12.269	43	262286	51.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	203868	51.119	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	267823	86.691	ug/l	39
77) Bromobenzene	12.745	156	208716	53.907	ug/l	91
78) n-propylbenzene	12.800	91	1092673	54.462	ug/l	98
79) 2-Chlorotoluene	12.891	91	652667	53.203	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	752875	54.209	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	70326	57.667	ug/l	92
82) 4-Chlorotoluene	12.983	91	709987	54.437	ug/l	98
83) tert-Butylbenzene	13.202	119	640849	56.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	771106	54.602	ug/l	99
85) sec-Butylbenzene	13.379	105	936126	53.756	ug/l	99
86) p-Isopropyltoluene	13.495	119	800220	55.381	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	414615	52.884	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	423851	54.068	ug/l	96
89) n-Butylbenzene	13.818	91	753562	53.414	ug/l	98
90) Hexachloroethane	14.086	117	154192	59.535	ug/l	95
91) 1,2-Dichlorobenzene	13.861	146	376678	53.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	37022	53.021	ug/l	89
93) 1,2,4-Trichlorobenzene	15.123	180	224715	52.878	ug/l	99
94) Hexachlorobutadiene	15.226	225	105887	54.498	ug/l	92
95) Naphthalene	15.360	128	542330	53.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	211711	52.854	ug/l	100

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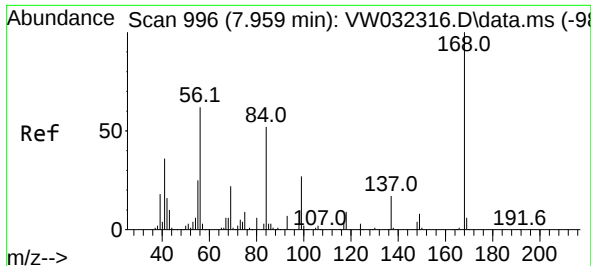
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QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

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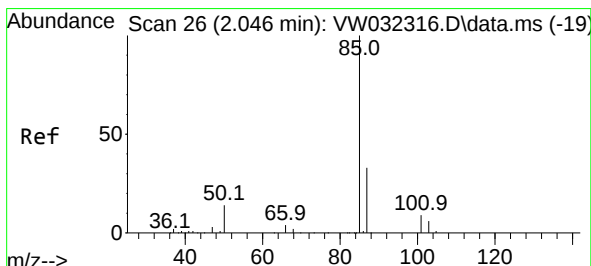
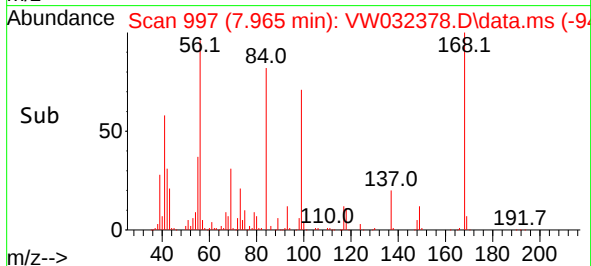
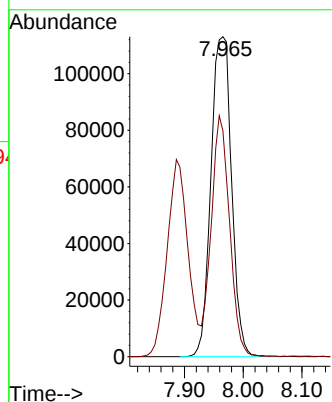
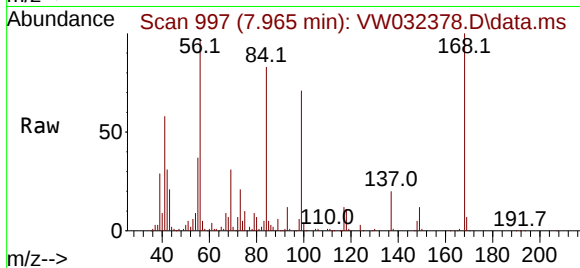




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032378.D
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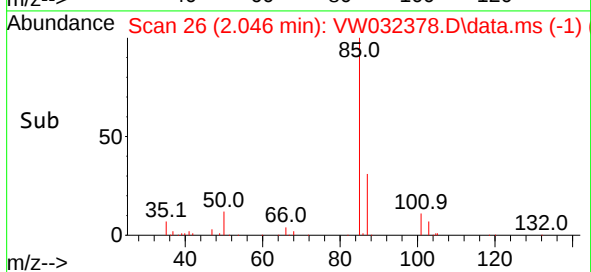
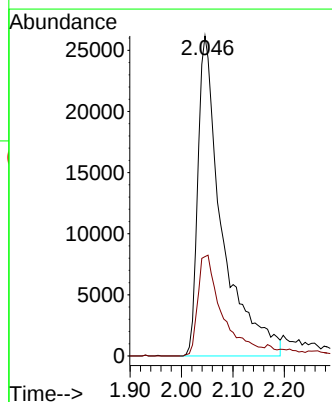
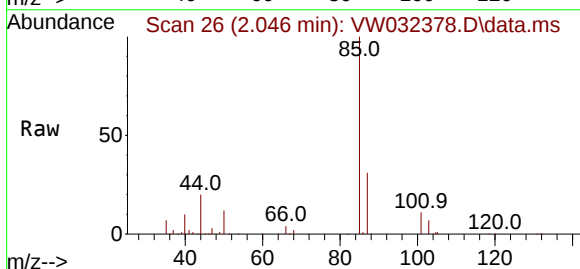
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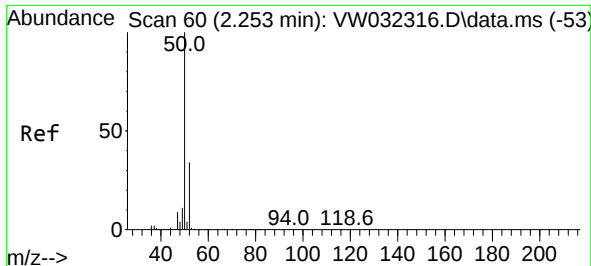
Tgt Ion:168 Resp: 276051
Ion Ratio Lower Upper
168 100
99 70.4 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 49.525 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 85 Resp: 85790
Ion Ratio Lower Upper
85 100
87 31.0 17.2 51.6

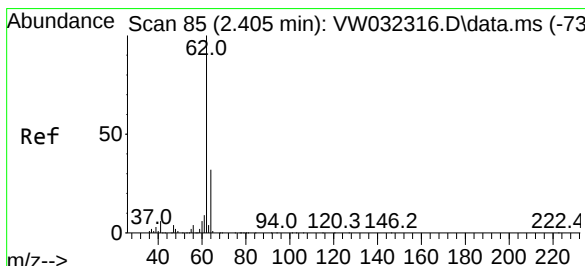
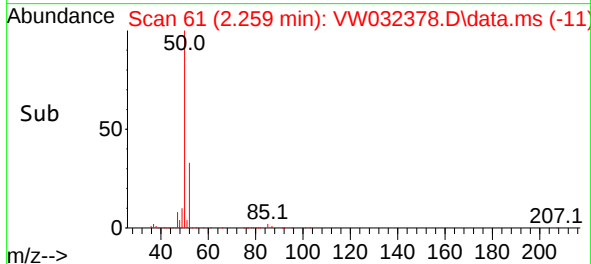
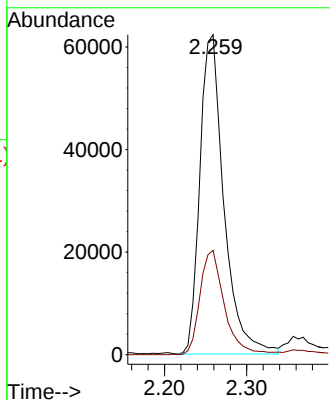
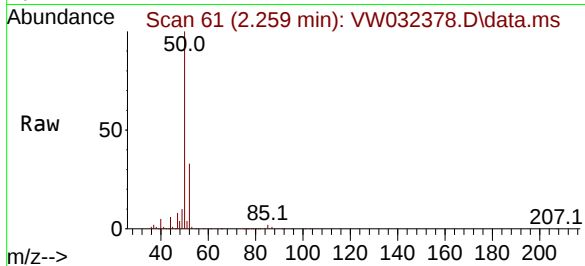




#3
Chloromethane
Concen: 47.414 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

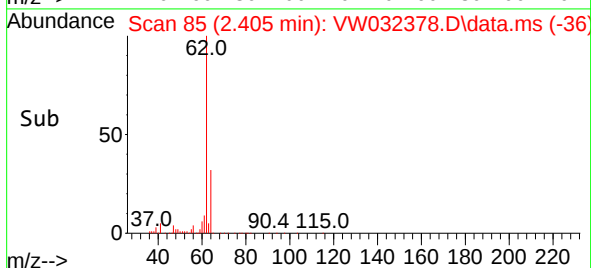
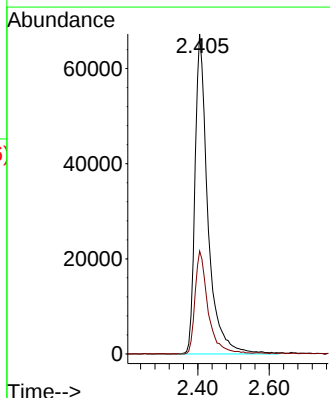
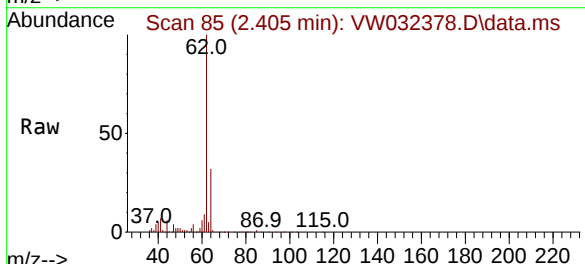
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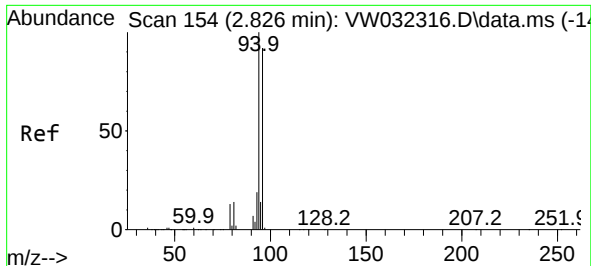
Tgt Ion: 50 Resp: 126734
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 52.579 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 62 Resp: 167782
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2

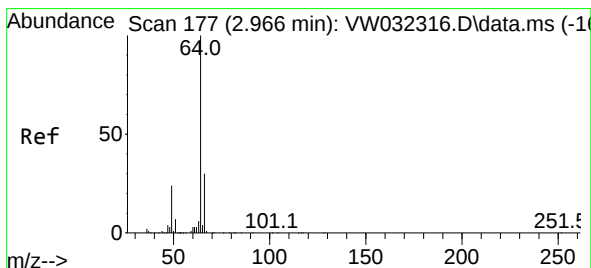
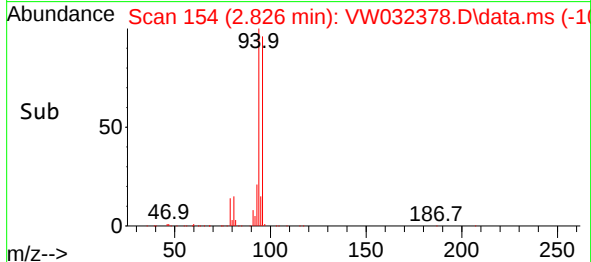
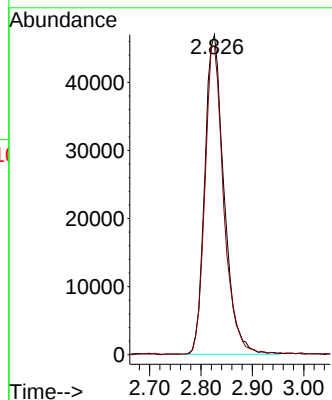
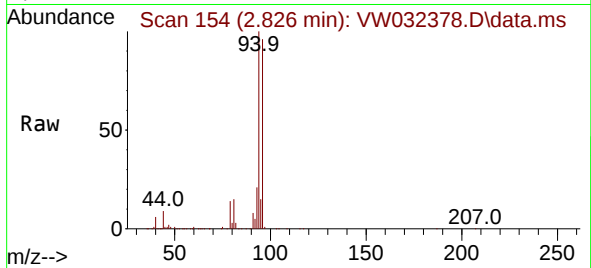




#5
Bromomethane
Concen: 52.244 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

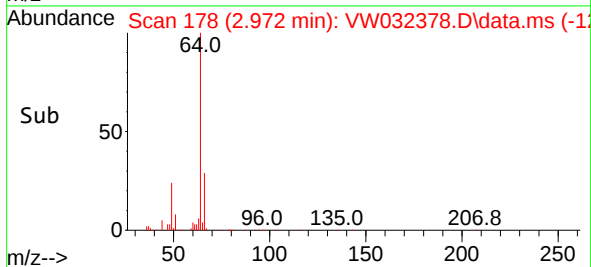
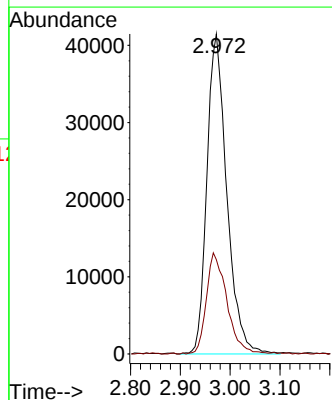
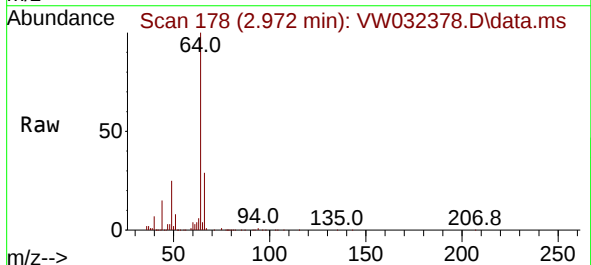
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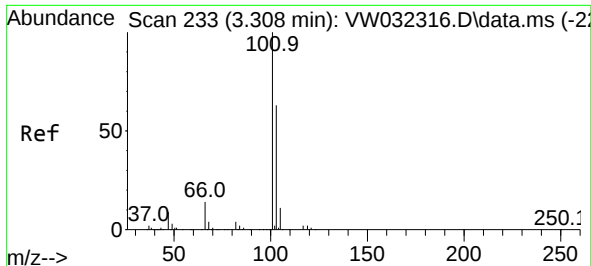
Tgt Ion: 94 Resp: 122514
Ion Ratio Lower Upper
94 100
96 96.3 76.6 115.0



#6
Chloroethane
Concen: 54.521 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 64 Resp: 114864
Ion Ratio Lower Upper
64 100
66 29.2 26.2 39.4

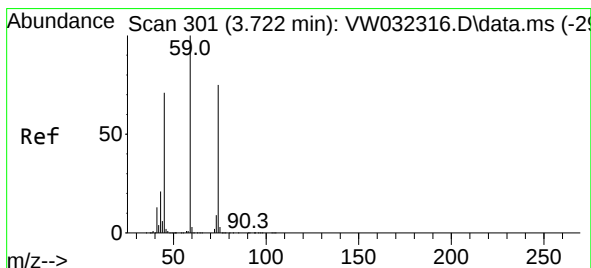
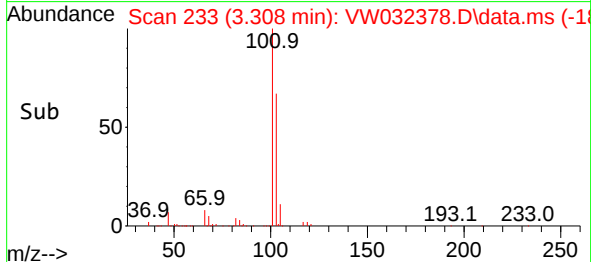
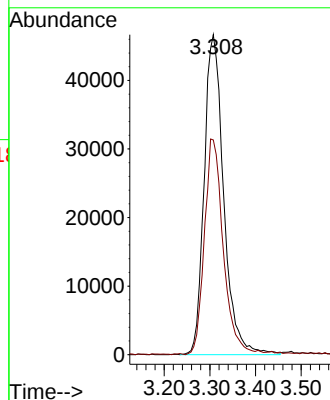
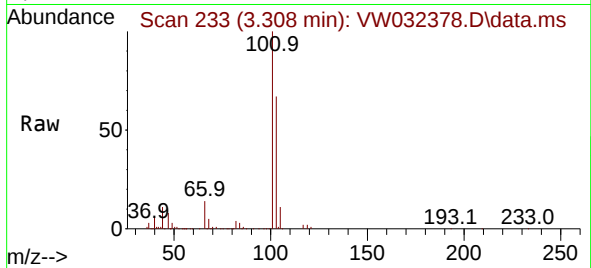




#7
 Trichlorofluoromethane
 Concen: 57.903 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

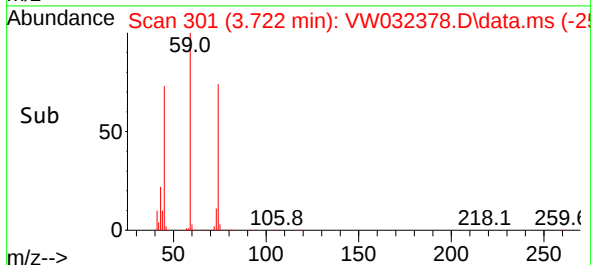
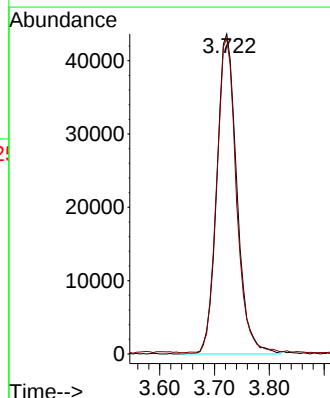
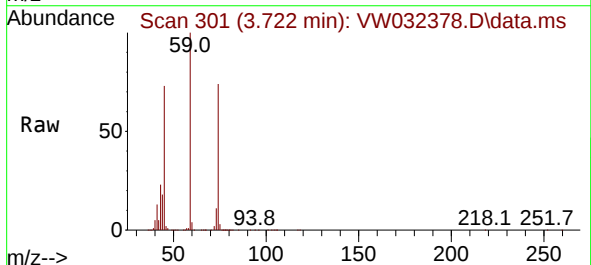
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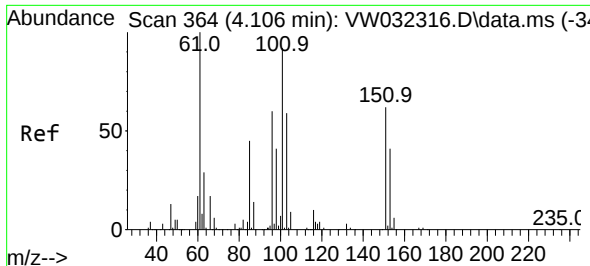
Tgt Ion:101 Resp: 138344
 Ion Ratio Lower Upper
 101 100
 103 66.8 47.8 71.8



#8
 Diethyl Ether
 Concen: 53.538 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

Tgt Ion: 74 Resp: 110844
 Ion Ratio Lower Upper
 74 100
 45 96.3 43.1 129.4

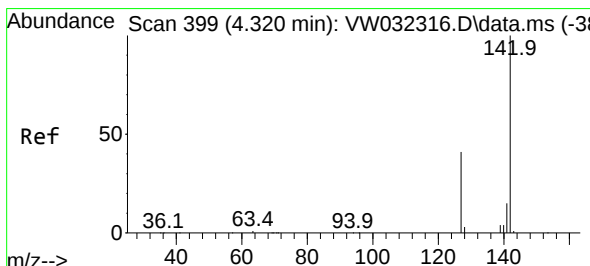
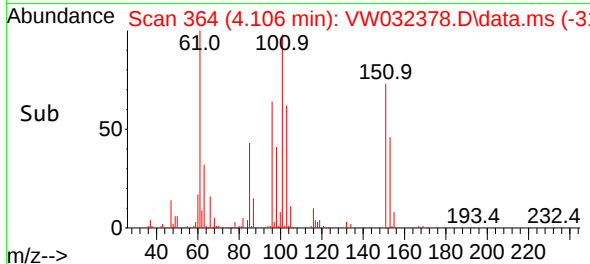
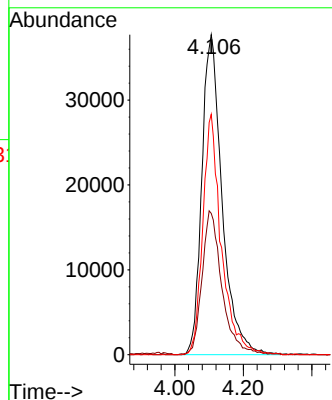
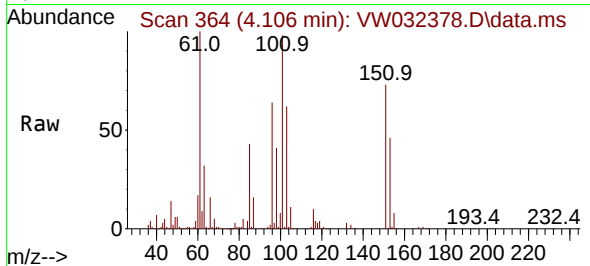




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.231 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

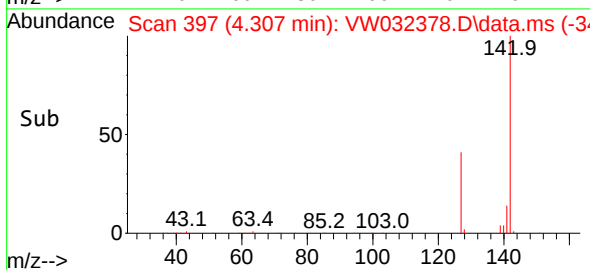
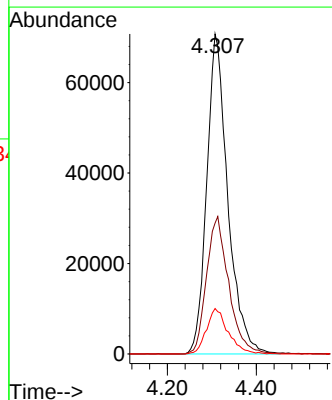
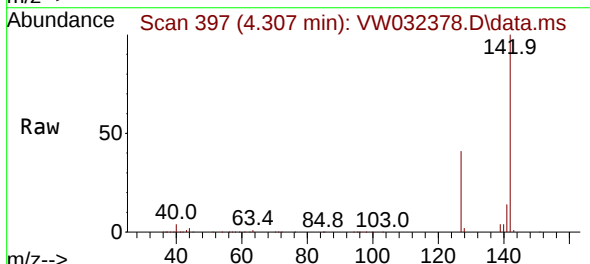
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

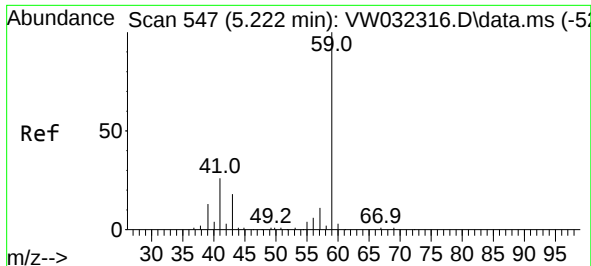
Tgt Ion:101 Resp: 155412
 Ion Ratio Lower Upper
 101 100
 85 44.0 37.1 55.7
 151 68.5 61.5 92.3



#10
 Methyl Iodide
 Concen: 56.977 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

Tgt Ion:142 Resp: 232975
 Ion Ratio Lower Upper
 142 100
 127 45.4 38.2 57.2
 141 14.7 12.2 18.2

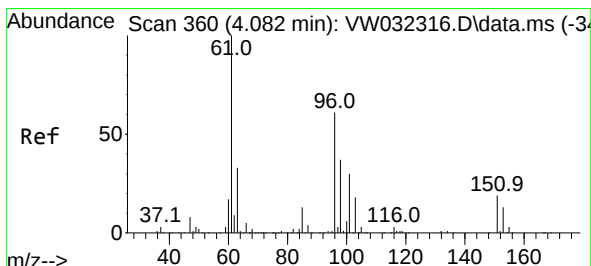
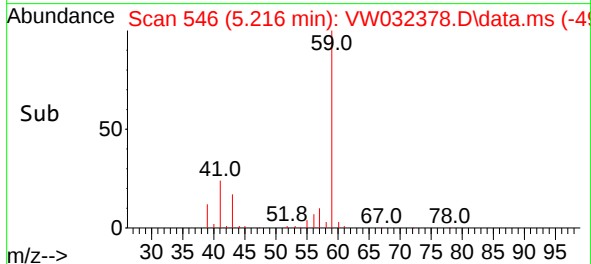
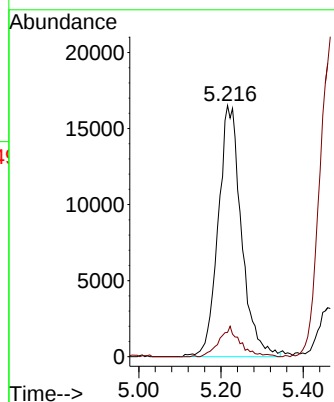
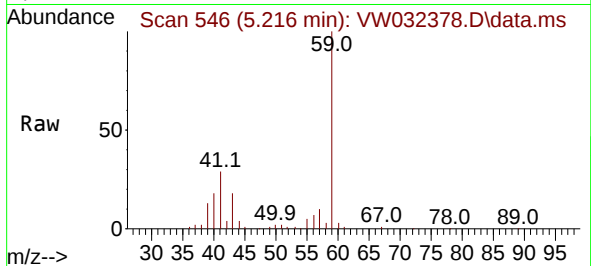




#11
Tert butyl alcohol
Concen: 212.423 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

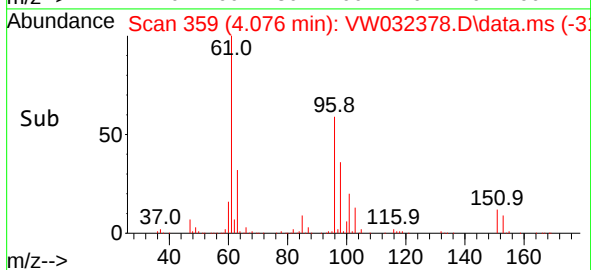
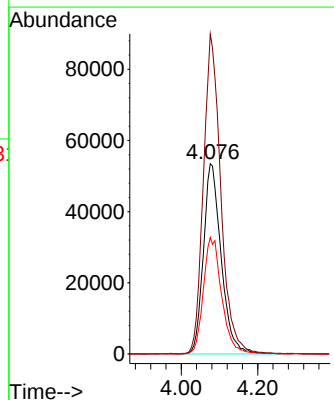
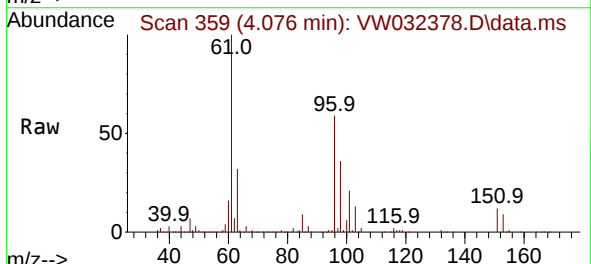
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

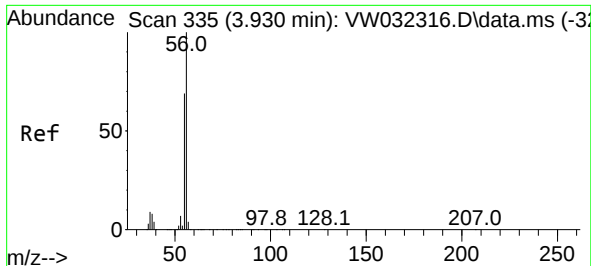
Tgt Ion: 59 Resp: 64740
Ion Ratio Lower Upper
59 100
57 10.9 9.8 14.6



#12
1,1-Dichloroethene
Concen: 55.494 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 96 Resp: 172650
Ion Ratio Lower Upper
96 100
61 168.0 123.0 184.4
98 61.1 48.5 72.7

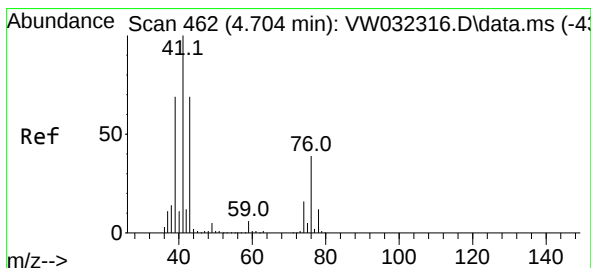
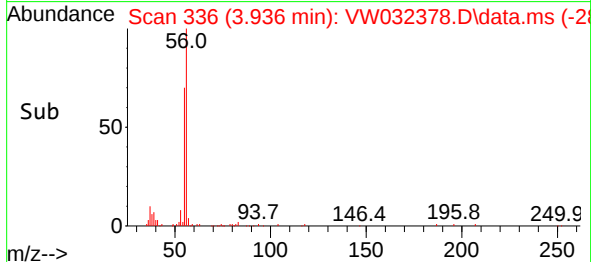
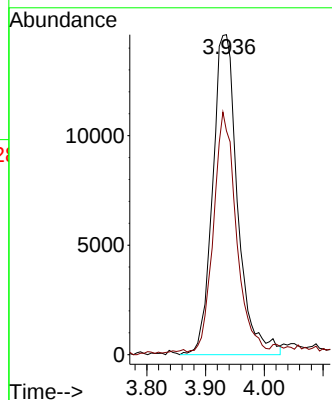
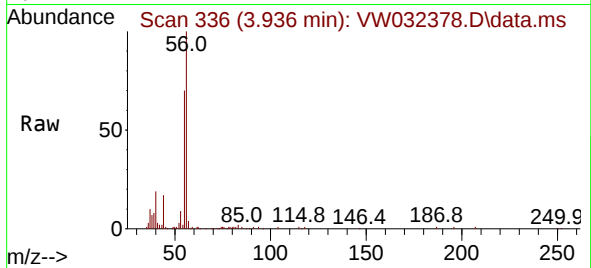




#13
Acrolein
Concen: 87.232 ug/l
RT: 3.936 min Scan# 336
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

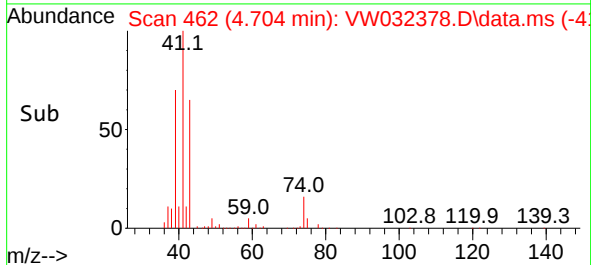
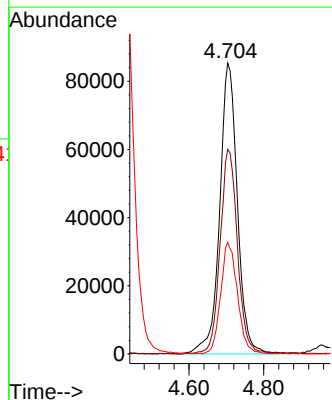
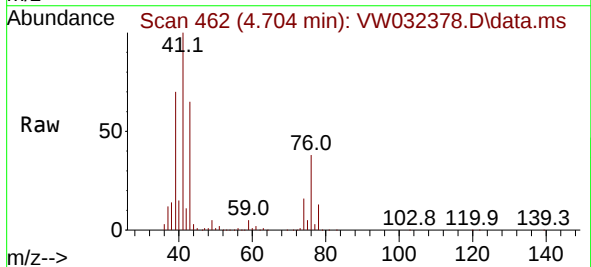
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

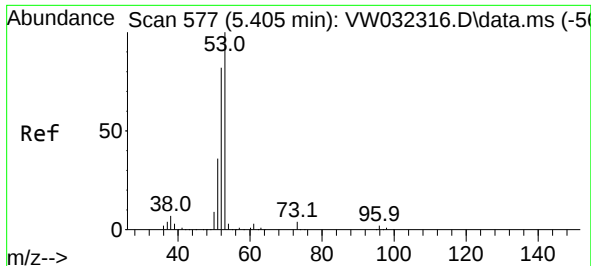
Tgt Ion: 56 Resp: 43147
Ion Ratio Lower Upper
56 100
55 68.0 56.4 84.6



#14
Allyl chloride
Concen: 53.572 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 41 Resp: 281514
Ion Ratio Lower Upper
41 100
39 69.1 64.1 96.1
76 35.9 31.4 47.2

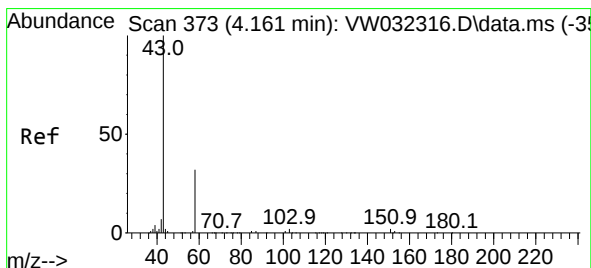
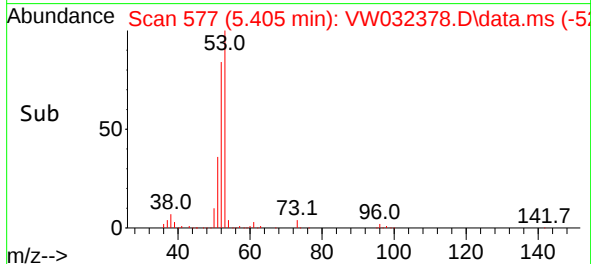
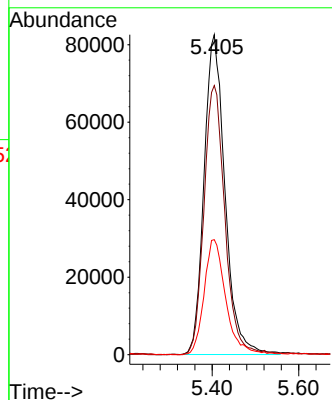
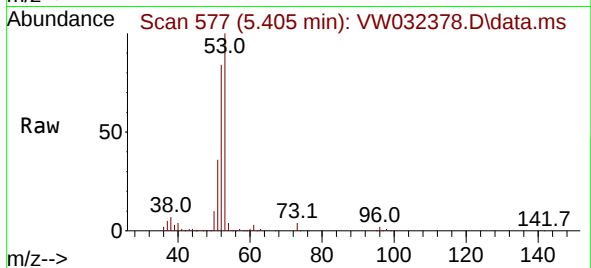




#15
Acrylonitrile
Concen: 257.055 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

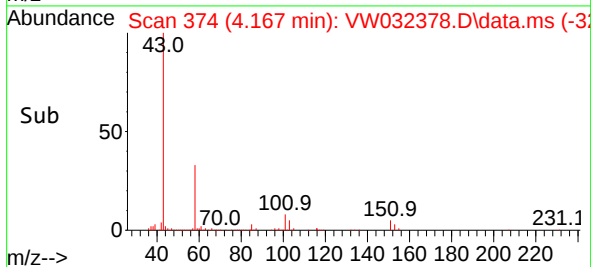
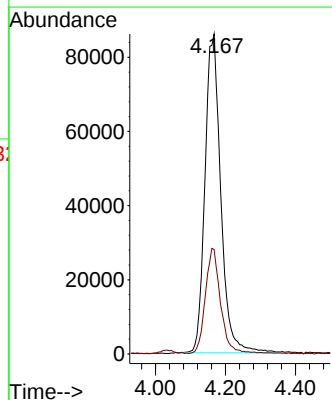
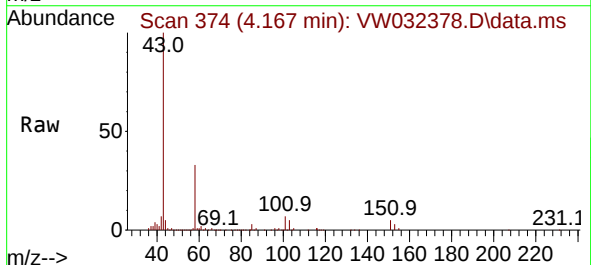
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

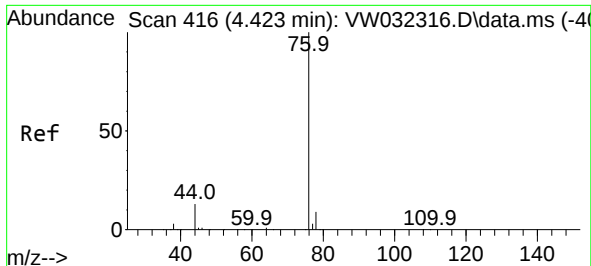
Tgt Ion: 53 Resp: 276868
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.4 30.3 45.5



#16
Acetone
Concen: 242.037 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 43 Resp: 269841
Ion Ratio Lower Upper
43 100
58 32.5 25.3 37.9

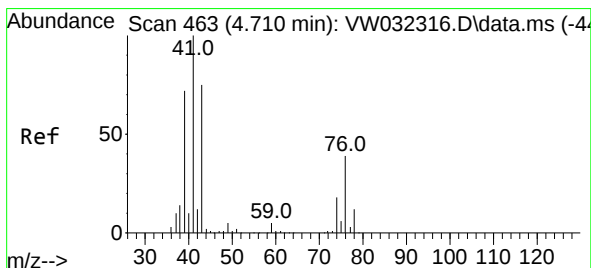
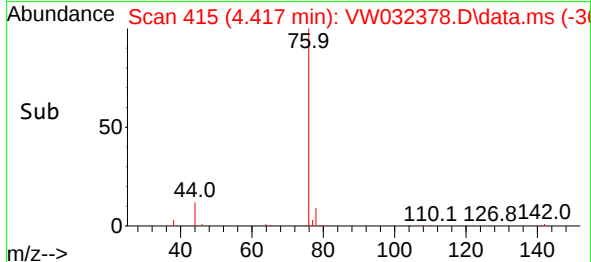
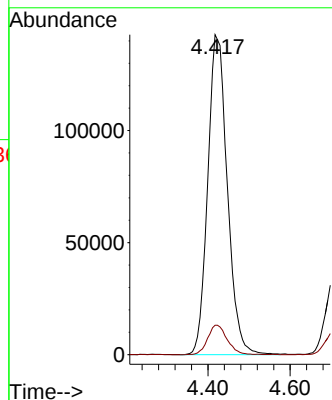
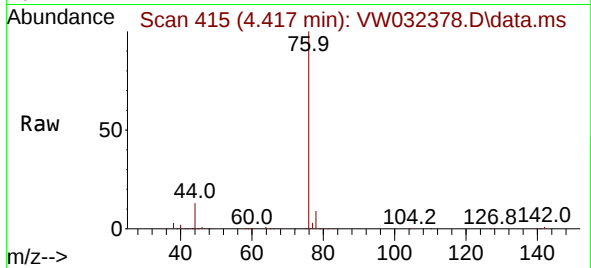




#17
Carbon Disulfide
Concen: 55.631 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

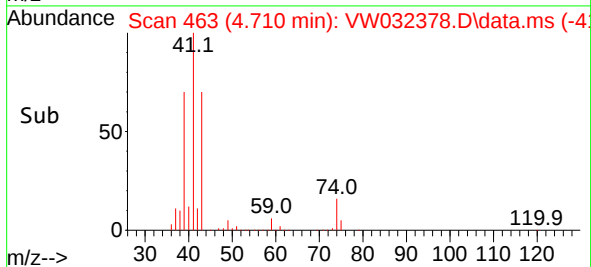
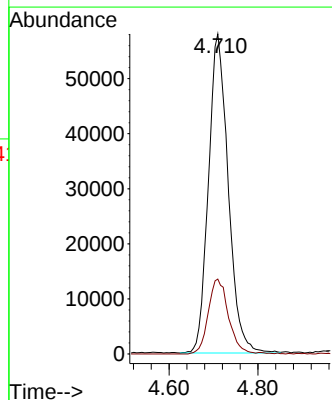
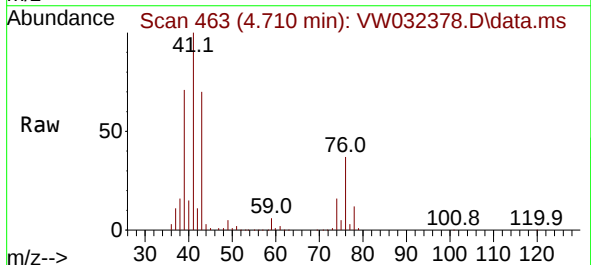
Instrument :
MSVOA_W
ClientSampleId :
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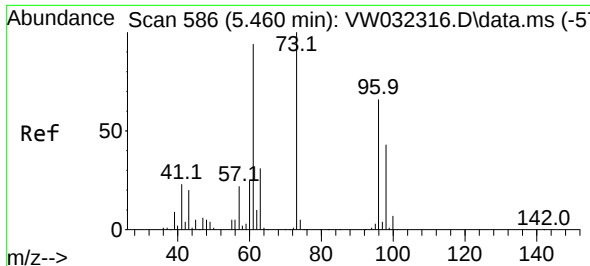
Tgt Ion: 76 Resp: 472236
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 56.056 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 43 Resp: 179023
Ion Ratio Lower Upper
43 100
74 23.9 20.2 30.4

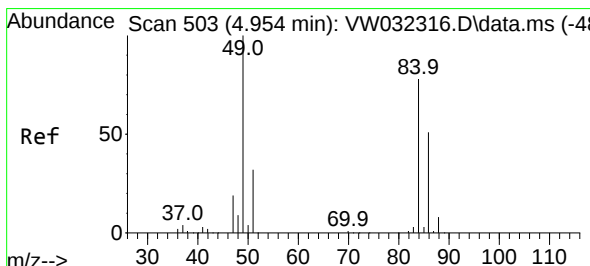
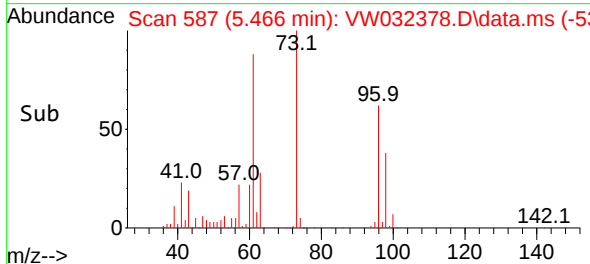
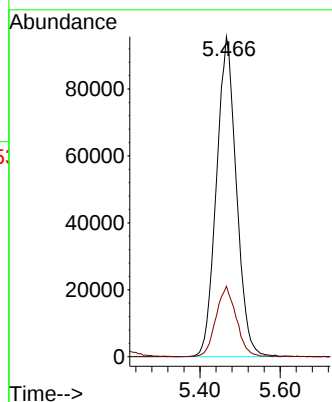
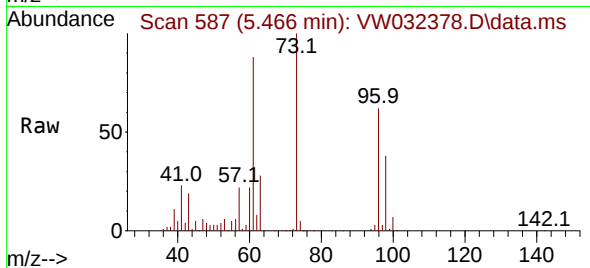




#19
Methyl tert-butyl Ether
Concen: 53.964 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

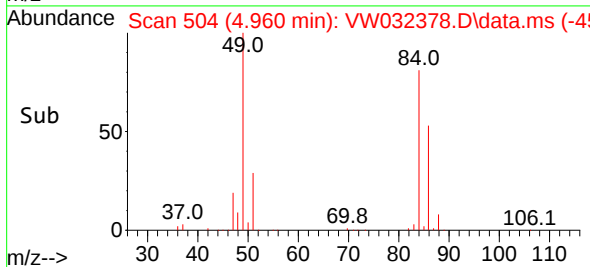
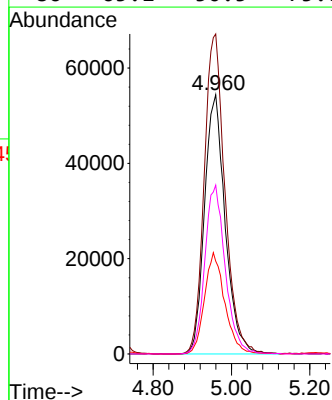
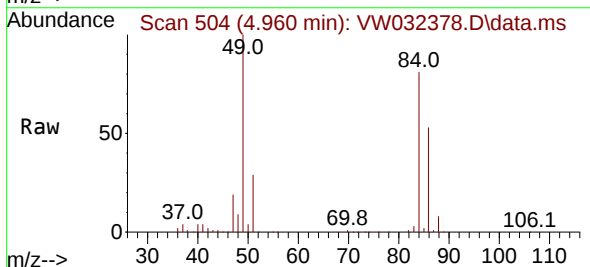
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

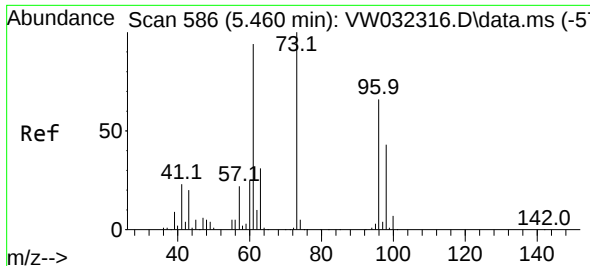
Tgt Ion: 73 Resp: 330675
Ion Ratio Lower Upper
73 100
57 22.0 16.2 24.4



#20
Methylene Chloride
Concen: 54.562 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 84 Resp: 199566
Ion Ratio Lower Upper
84 100
49 123.4 92.2 138.4
51 35.8 31.0 46.6
86 65.1 50.5 75.7

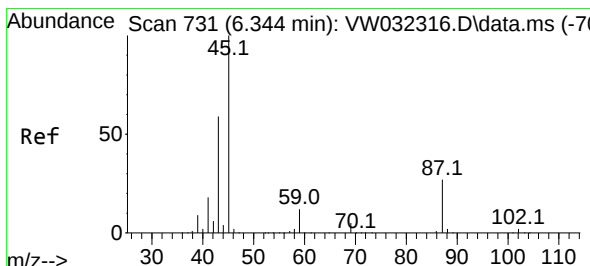
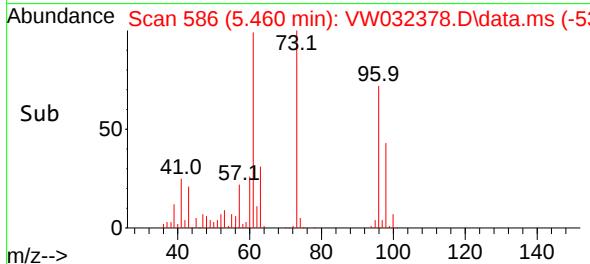
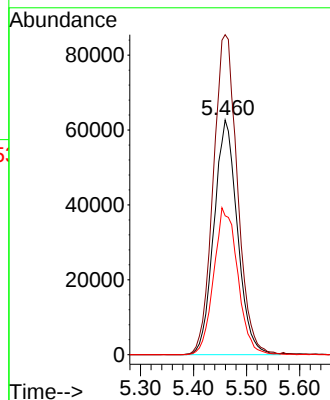
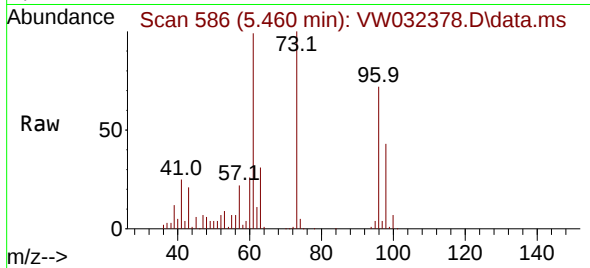




#21
trans-1,2-Dichloroethene
Concen: 55.946 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

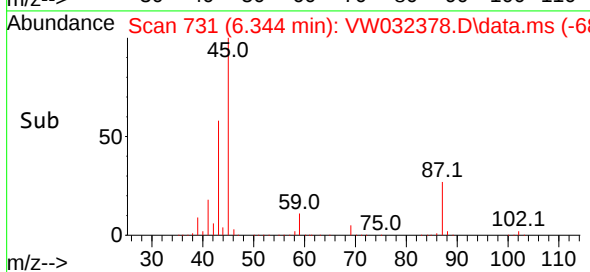
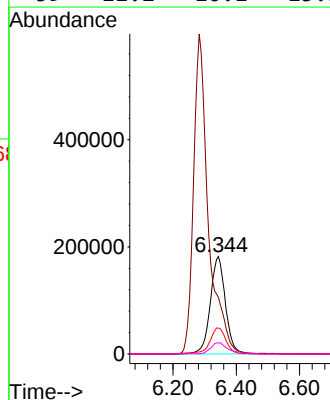
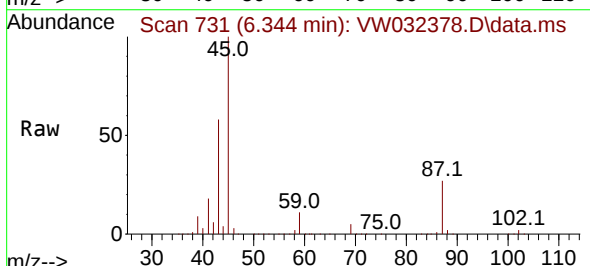
Instrument :
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ClientSampleId :
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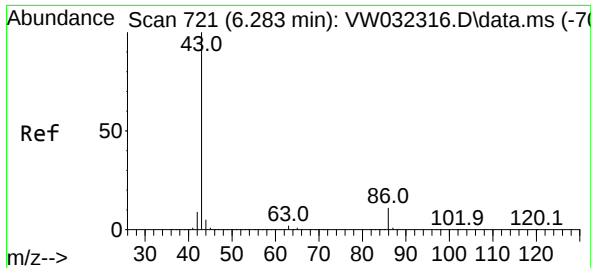
Tgt Ion: 96 Resp: 192705
Ion Ratio Lower Upper
96 100
61 136.3 112.5 168.7
98 59.2 54.2 81.4



#22
Diisopropyl ether
Concen: 55.352 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 45 Resp: 604917
Ion Ratio Lower Upper
45 100
43 57.6 51.4 77.2
87 26.6 25.9 38.9
59 11.2 10.1 15.1

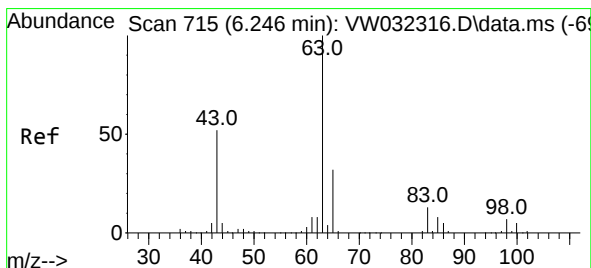
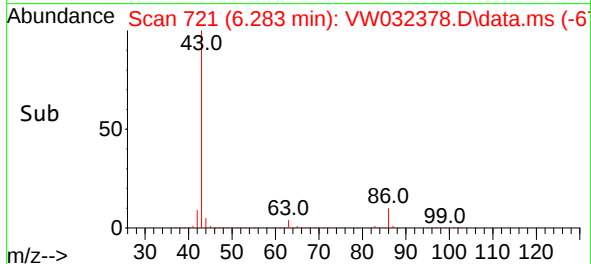
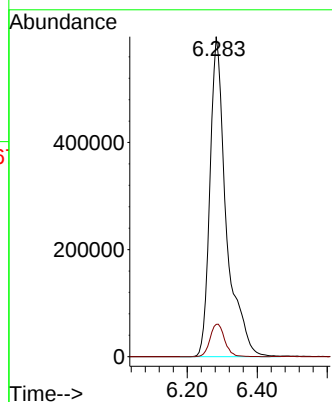
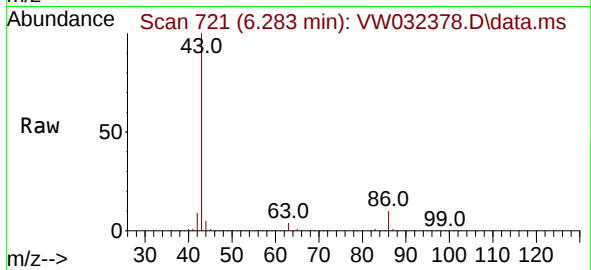




#23
 Vinyl Acetate
 Concen: 265.367 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

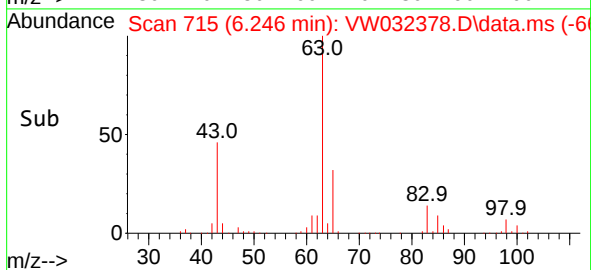
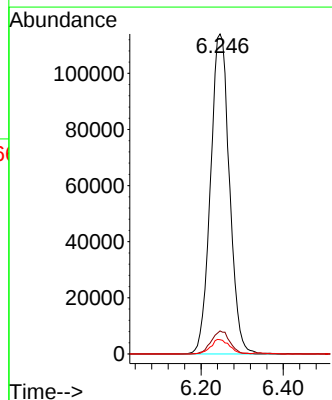
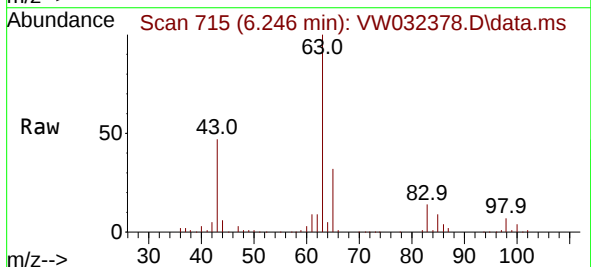
Instrument :
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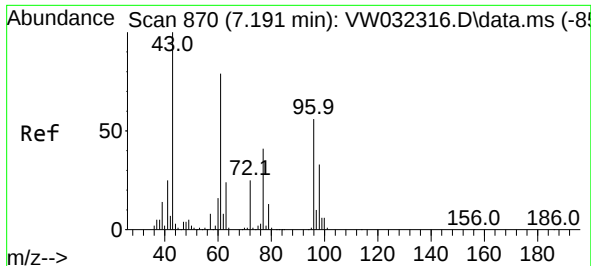
Tgt Ion: 43 Resp: 1937061
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 54.958 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

Tgt Ion: 63 Resp: 364897
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.5 2.5 7.5

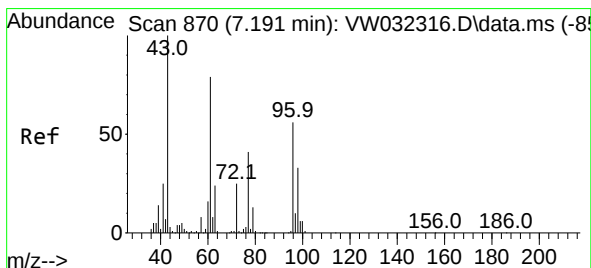
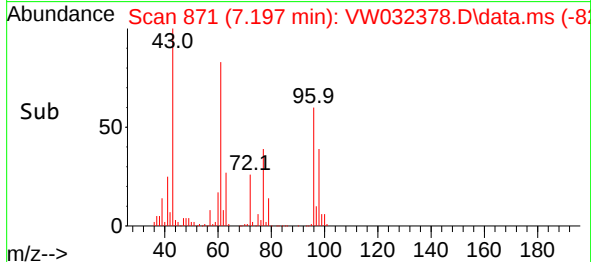
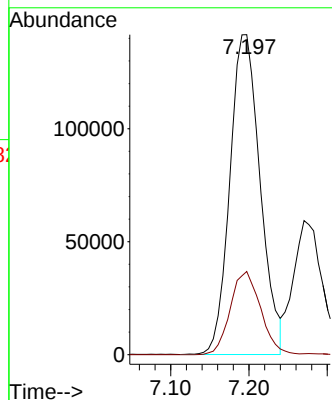
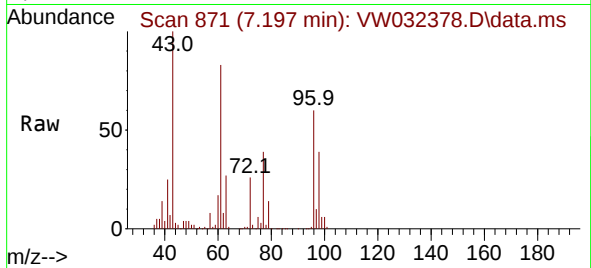




#25
2-Butanone
Concen: 250.876 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

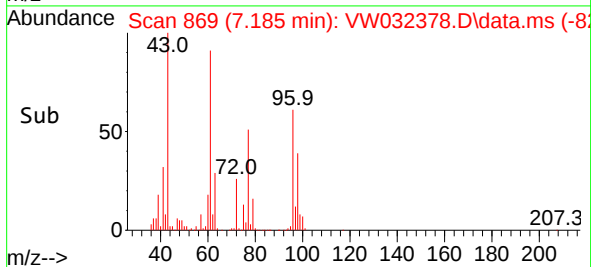
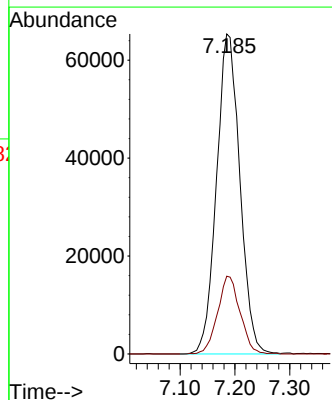
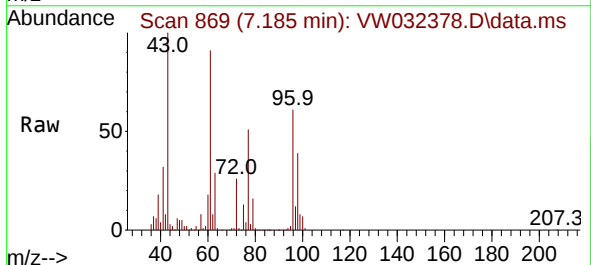
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

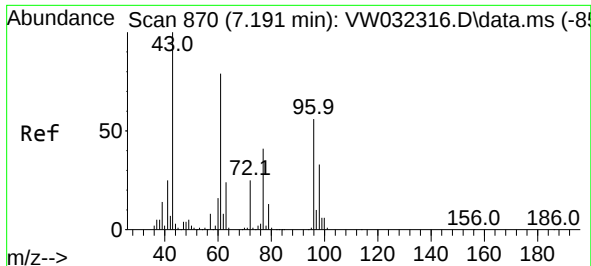
Tgt Ion: 43 Resp: 380931
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 56.907 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 77 Resp: 193268
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5

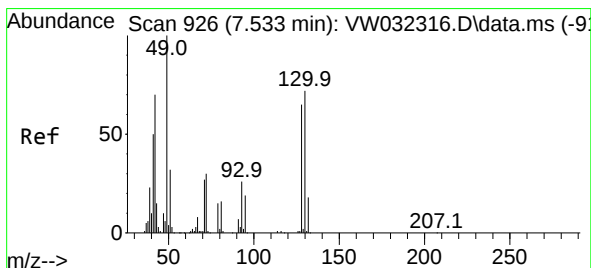
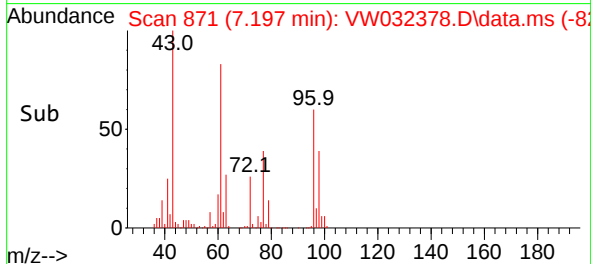
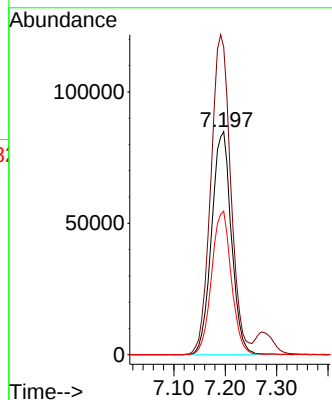
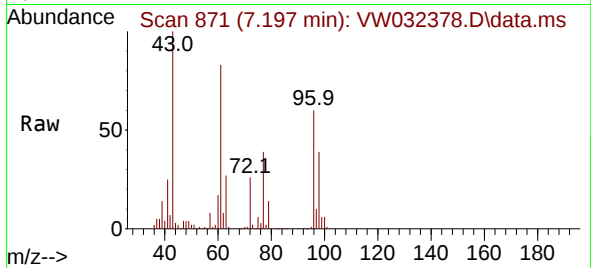




#27
 cis-1,2-Dichloroethene
 Concen: 54.730 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

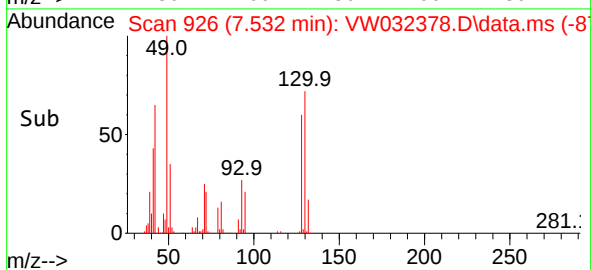
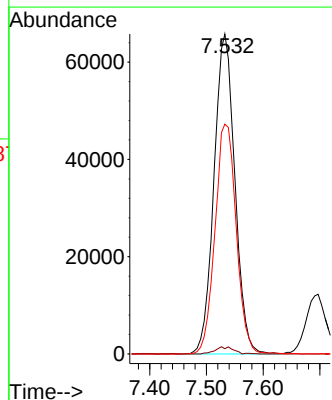
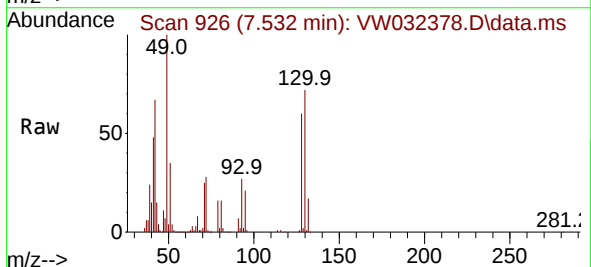
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

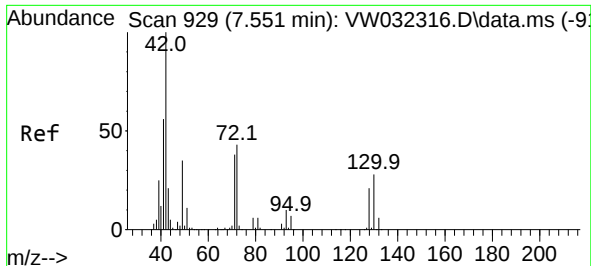
Tgt Ion: 96 Resp: 226473
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 268.0
 98 64.3 0.0 130.8



#28
 Bromochloromethane
 Concen: 53.869 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

Tgt Ion: 49 Resp: 168276
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 73.1 67.5 101.3

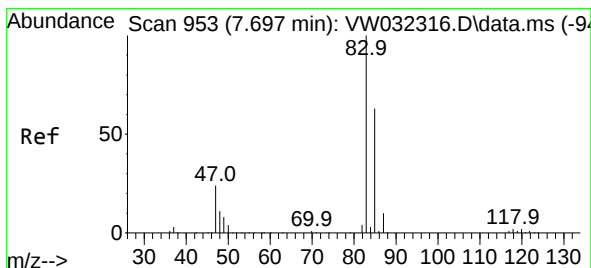
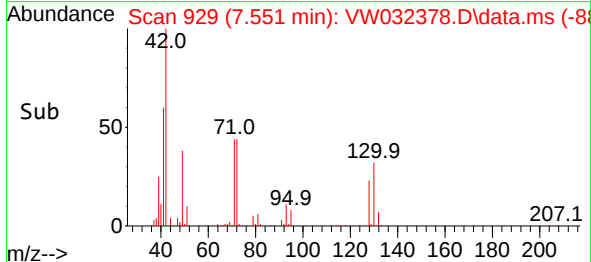
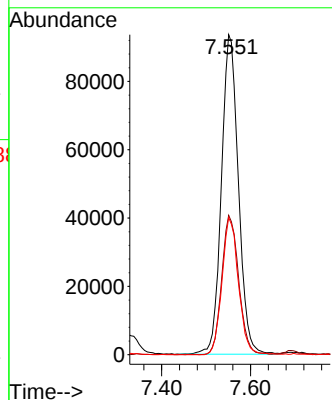
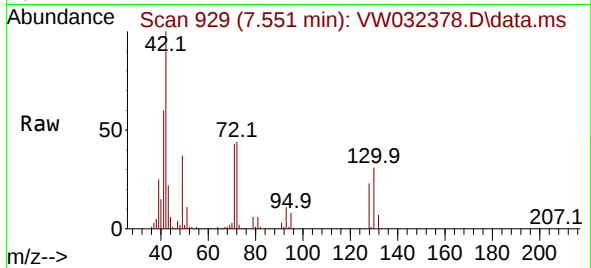




#29
Tetrahydrofuran
Concen: 259.216 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

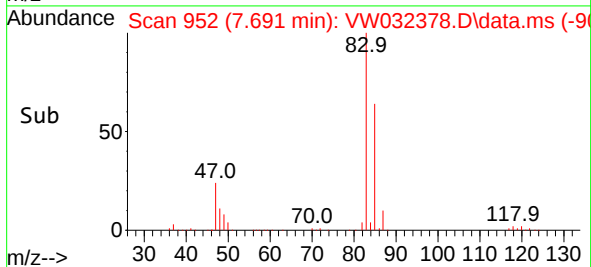
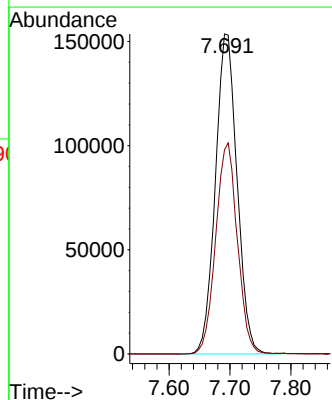
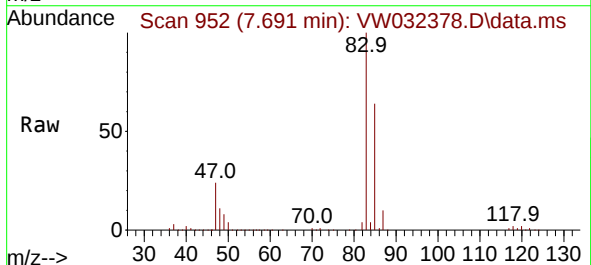
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

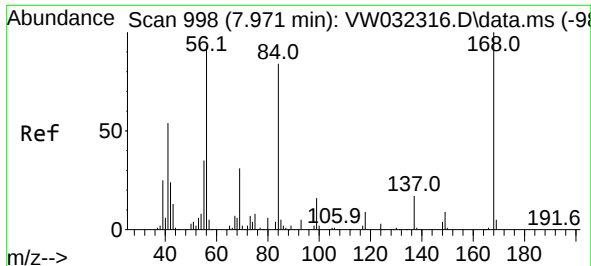
Tgt Ion: 42 Resp: 247520
Ion Ratio Lower Upper
42 100
72 43.6 37.4 56.2
71 41.5 36.0 54.0



#30
Chloroform
Concen: 56.448 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 83 Resp: 380098
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8

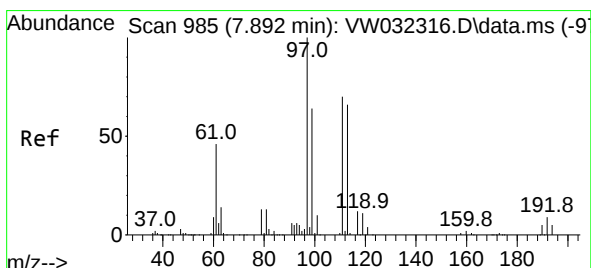
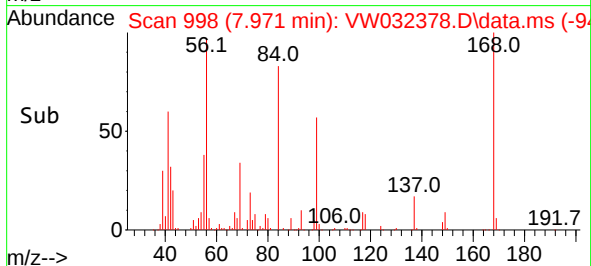
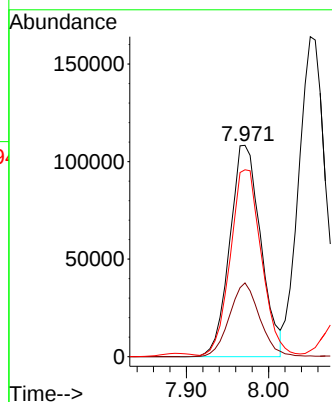
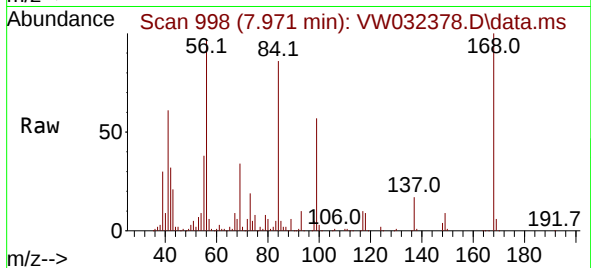




#31
Cyclohexane
Concen: 50.212 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

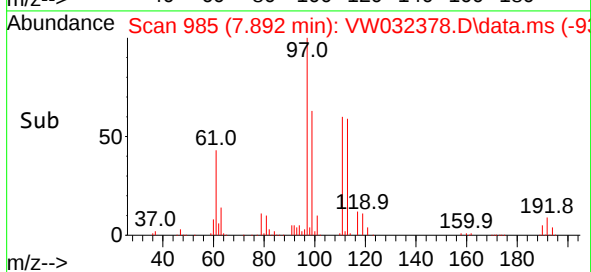
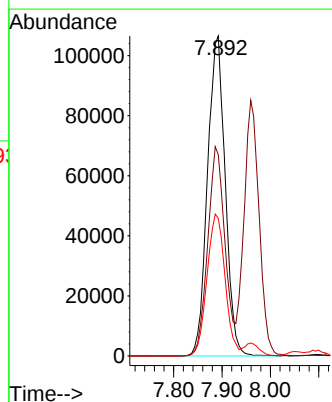
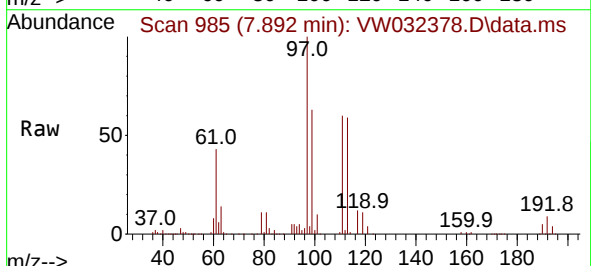
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

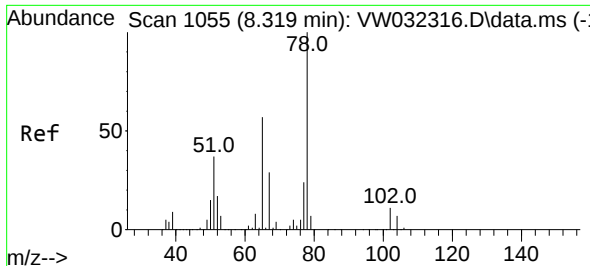
Tgt Ion: 56 Resp: 284615
Ion Ratio Lower Upper
56 100
69 34.9 27.7 41.5
84 86.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 56.749 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 97 Resp: 270780
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 45.2 36.2 54.4

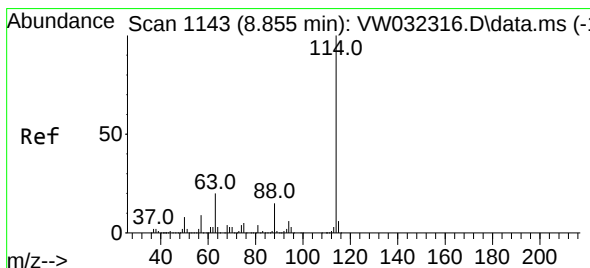
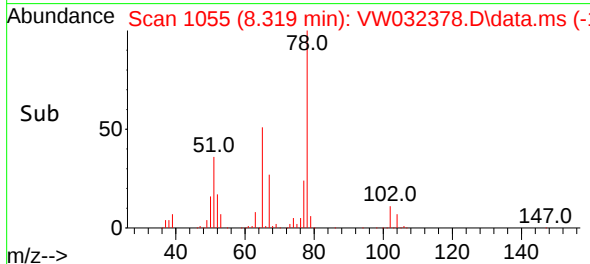
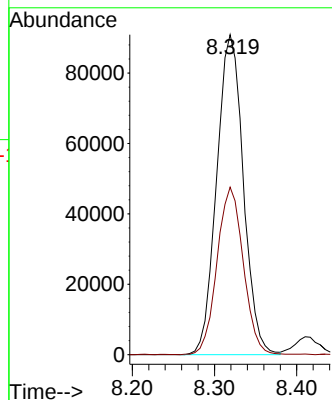
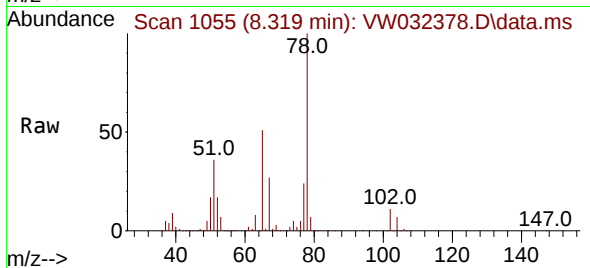




#33
 1,2-Dichloroethane-d4
 Concen: 50.924 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

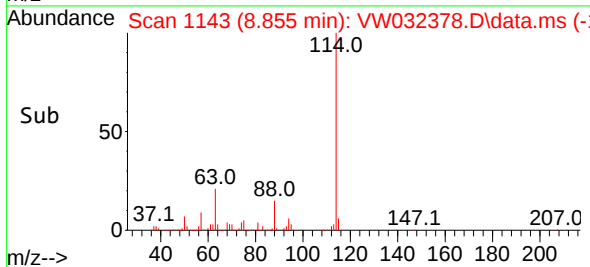
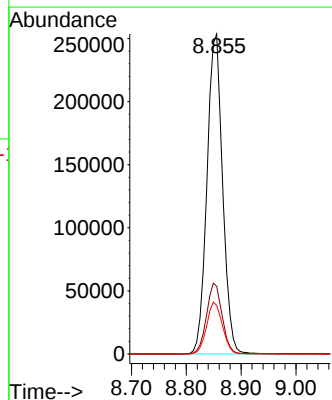
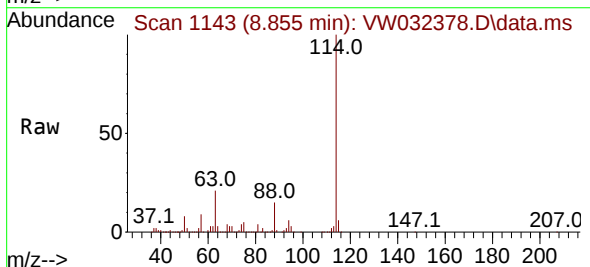
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 205038
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

Tgt Ion: 114 Resp: 500417
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.4
 88 15.2 0.0 32.0

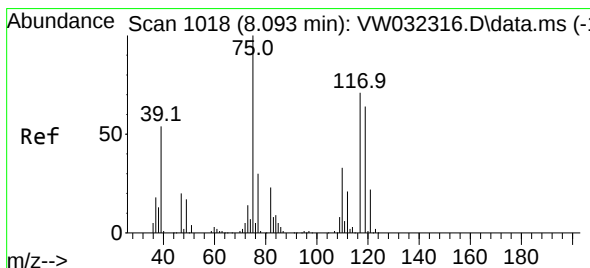
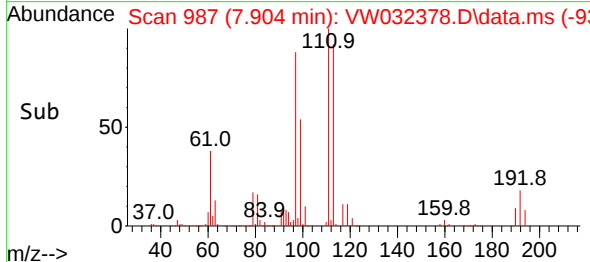
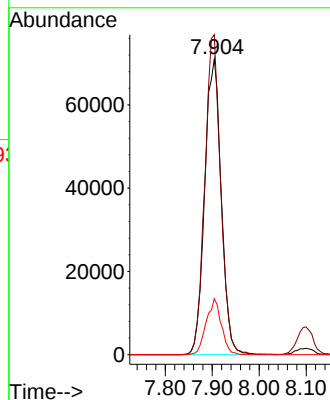
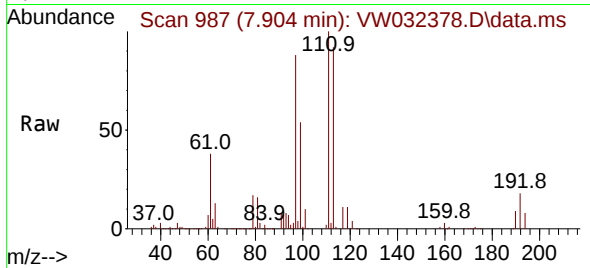




#35
Dibromofluoromethane
Concen: 53.598 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

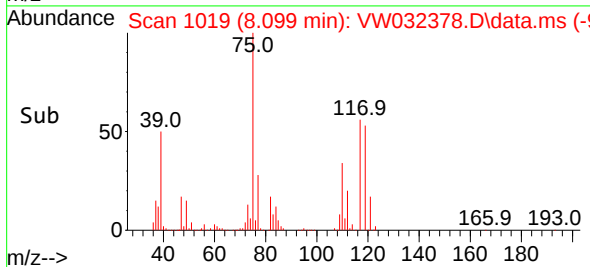
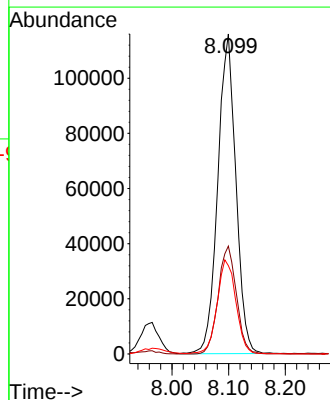
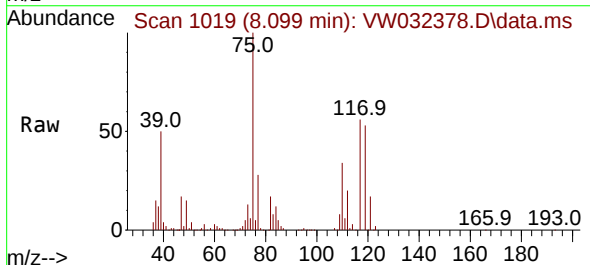
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

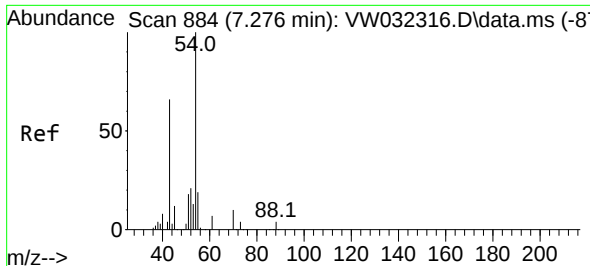
Tgt Ion:113 Resp: 173699
Ion Ratio Lower Upper
113 100
111 103.4 83.9 125.9
192 17.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 56.099 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 75 Resp: 256579
Ion Ratio Lower Upper
75 100
110 34.0 17.5 52.5
77 30.6 24.1 36.1

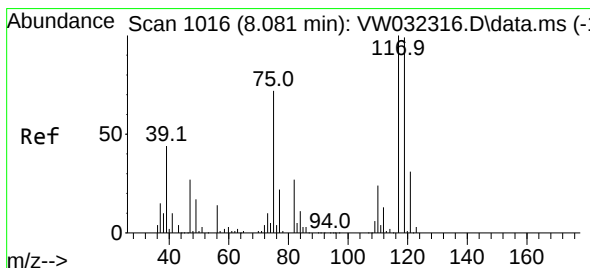
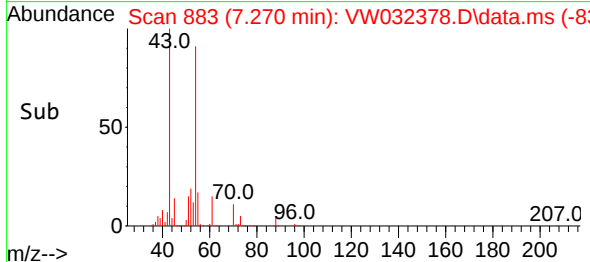
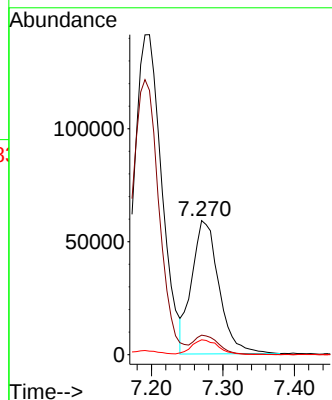
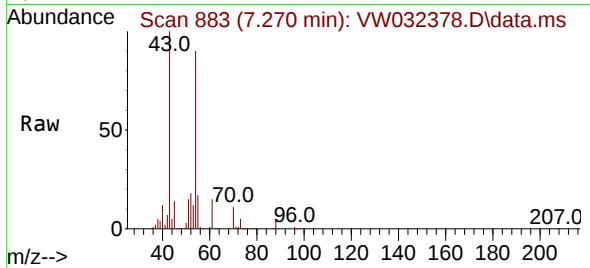




#37
Ethyl Acetate
Concen: 51.178 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

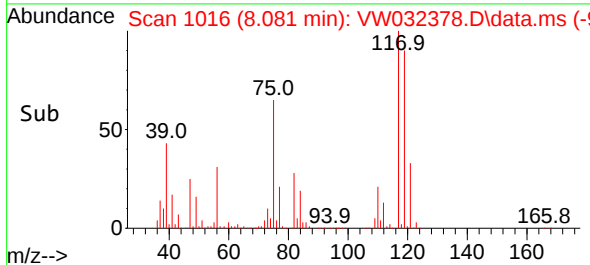
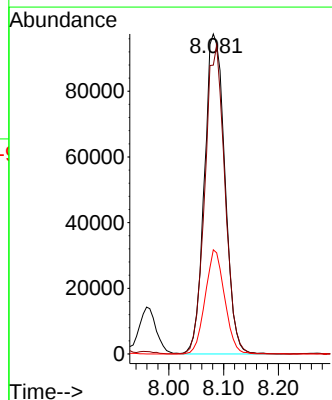
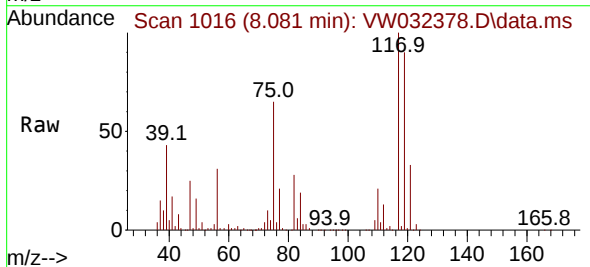
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

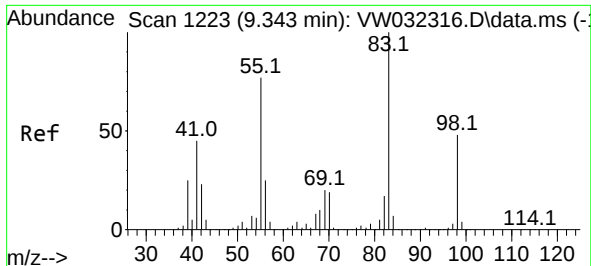
Tgt Ion: 43 Resp: 155800
Ion Ratio Lower Upper
43 100
61 13.5 11.3 16.9
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 58.585 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 117 Resp: 252146
Ion Ratio Lower Upper
117 100
119 90.2 74.2 111.2
121 32.5 25.6 38.4





#39

Methylcyclohexane

Concen: 53.803 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

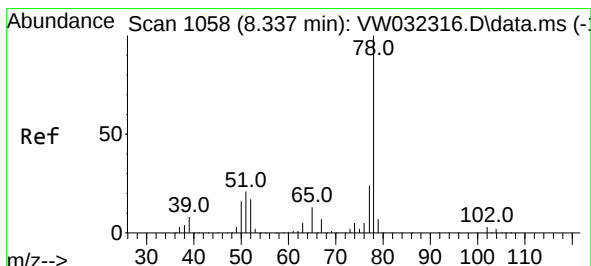
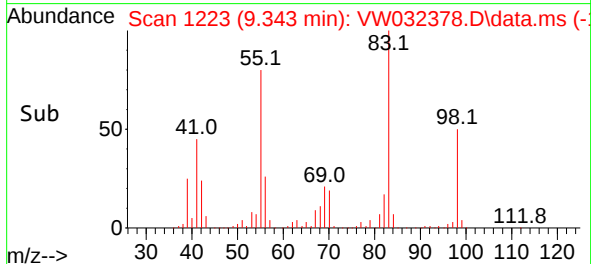
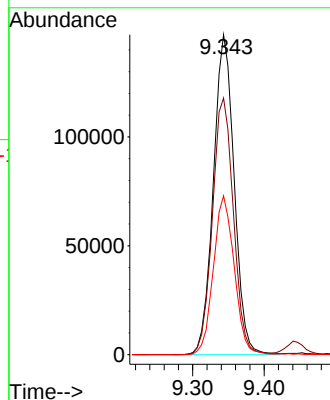
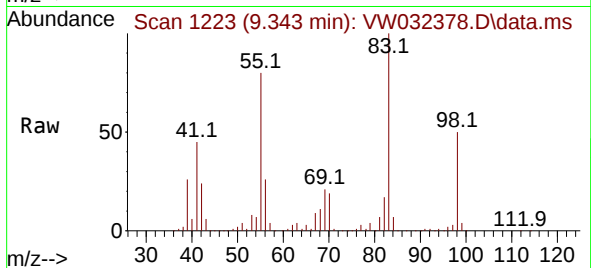
Tgt Ion: 83 Resp: 296823

Ion Ratio Lower Upper

83 100

55 80.2 58.4 87.6

98 49.7 39.4 59.2



#40

Benzene

Concen: 55.818 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032378.D

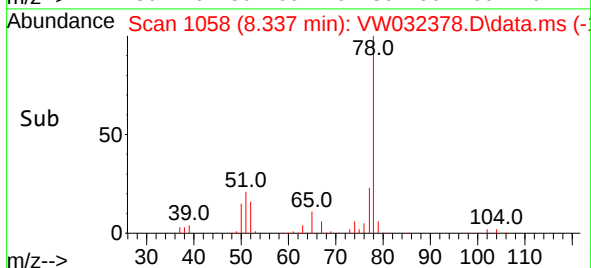
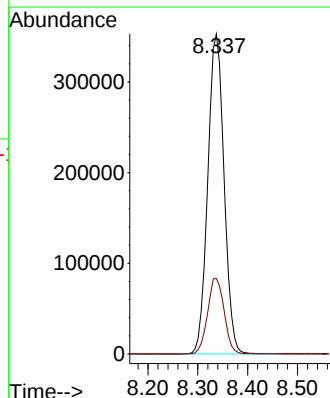
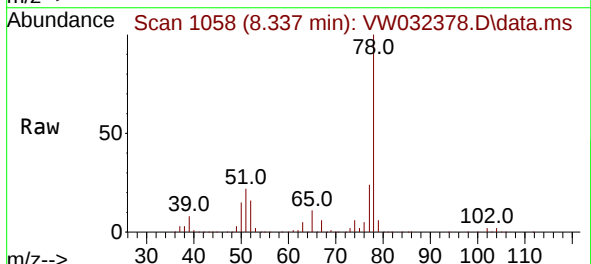
Acq: 20 Oct 2025 10:20

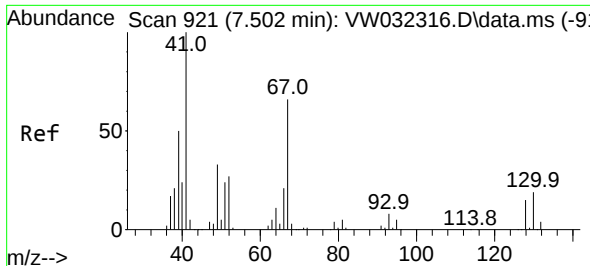
Tgt Ion: 78 Resp: 800201

Ion Ratio Lower Upper

78 100

77 23.6 20.7 31.1

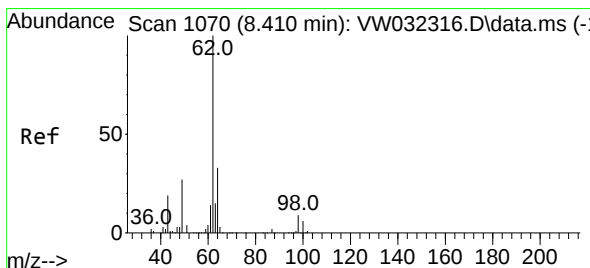
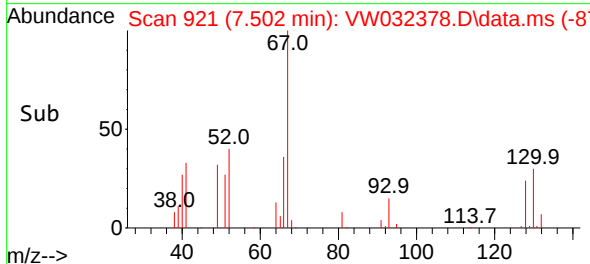
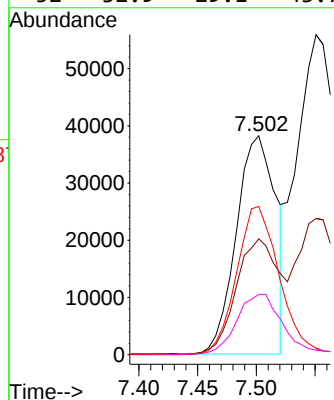
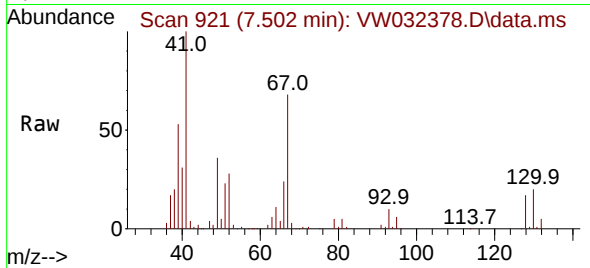




#41
Methacrylonitrile
Concen: 54.317 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

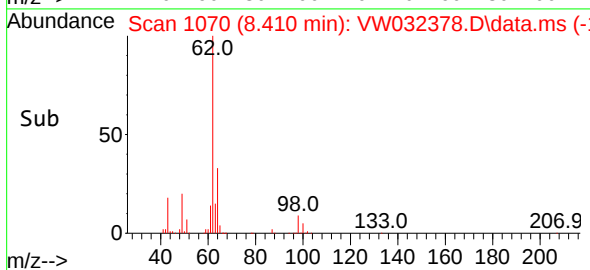
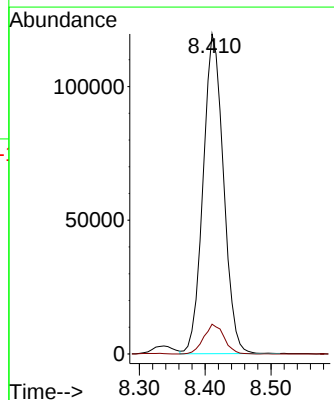
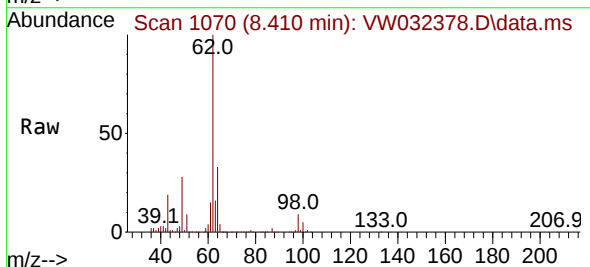
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

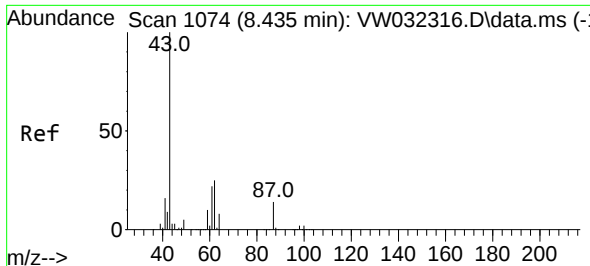
Tgt Ion:	41	Resp:	89114
Ion	Ratio	Lower	Upper
41	100		
39	59.6	50.9	76.3
67	74.0	65.6	98.4
52	32.9	29.1	43.7



#42
1,2-Dichloroethane
Concen: 54.972 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:	62	Resp:	257863
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

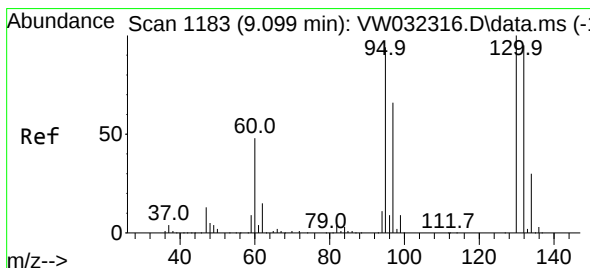
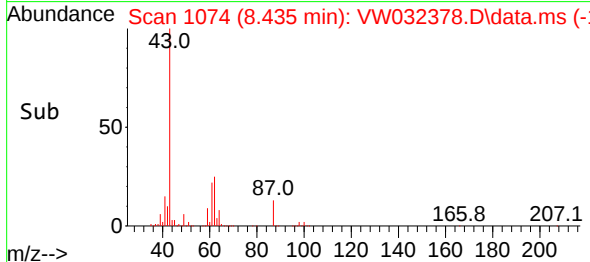
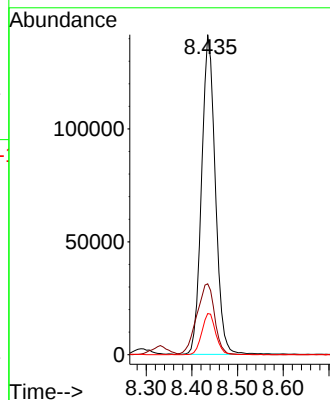
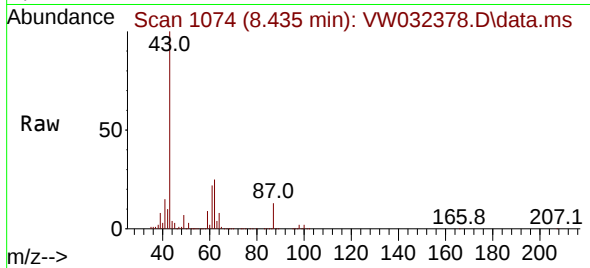




#43
Isopropyl Acetate
Concen: 54.722 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

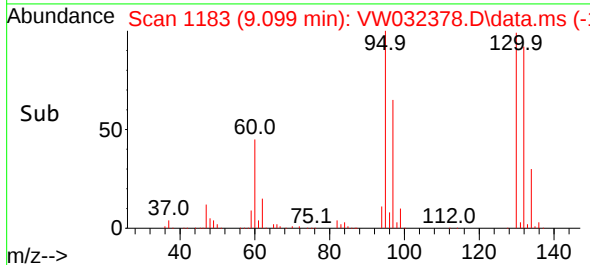
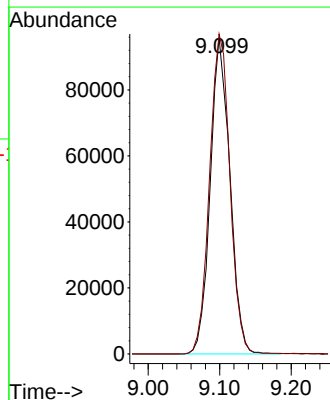
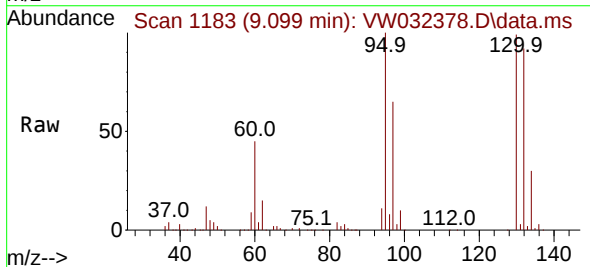
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

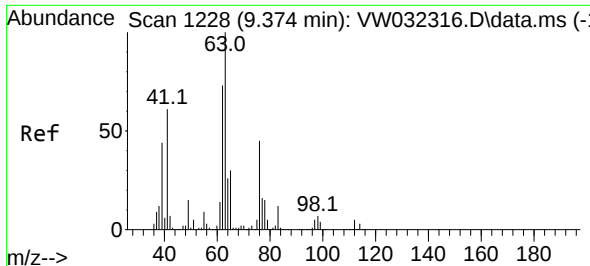
Tgt Ion: 43 Resp: 295528
Ion Ratio Lower Upper
43 100
61 28.7 23.3 34.9
87 13.1 11.1 16.7



#44
Trichloroethene
Concen: 54.492 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:130 Resp: 182918
Ion Ratio Lower Upper
130 100
95 101.2 0.0 220.0





#45

1,2-Dichloropropane

Concen: 56.170 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

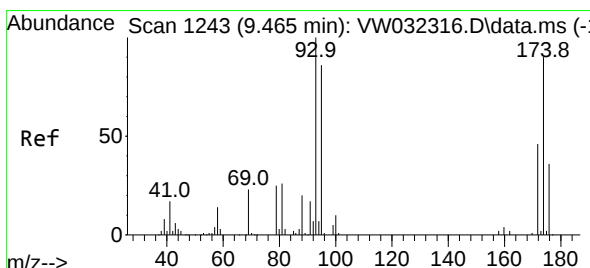
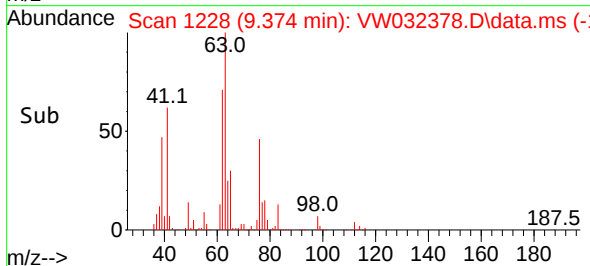
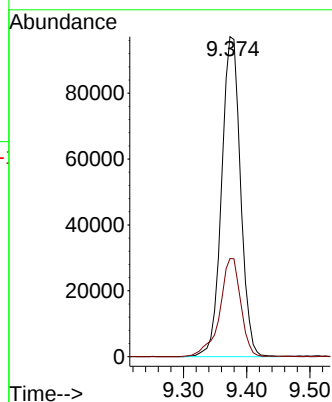
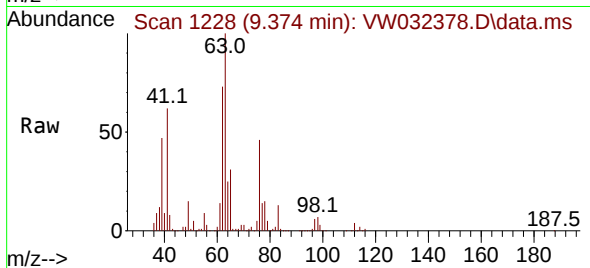
VSTDCCC050

Tgt Ion: 63 Resp: 200994

Ion Ratio Lower Upper

63 100

65 30.7 24.3 36.5



#46

Dibromomethane

Concen: 56.022 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

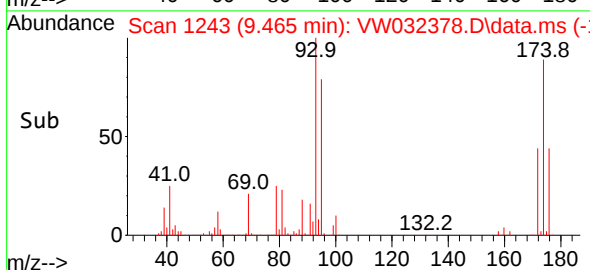
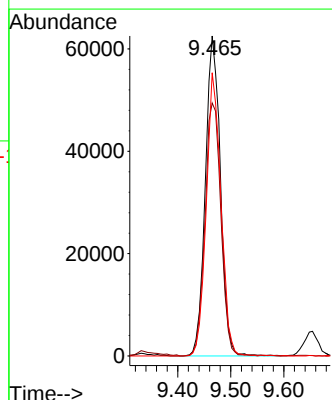
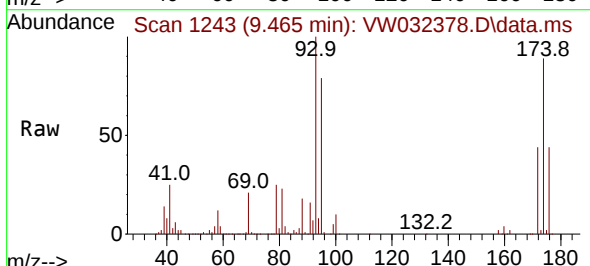
Tgt Ion: 93 Resp: 123268

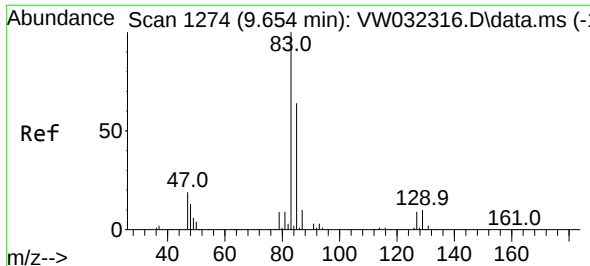
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.2

174 86.5 75.7 113.5

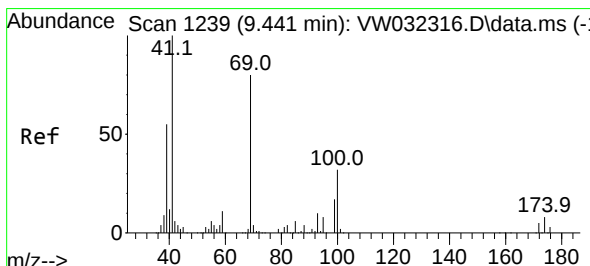
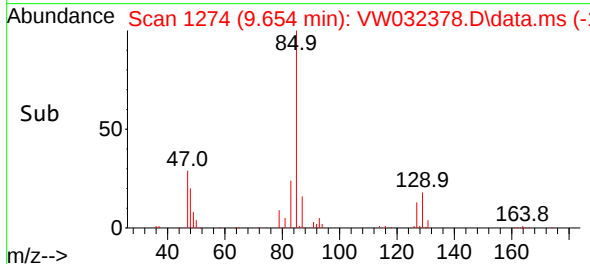
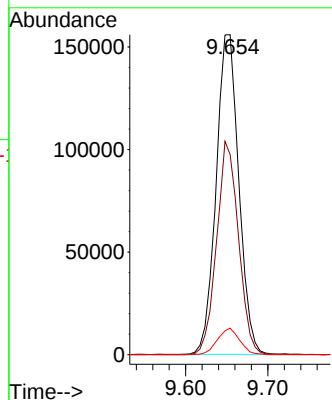
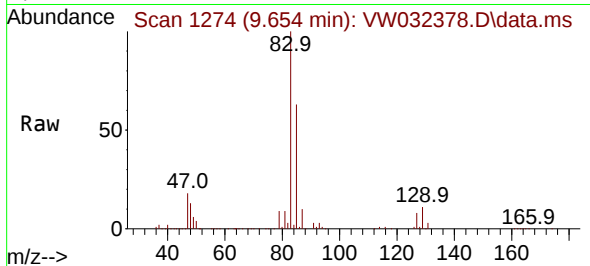




#47
Bromodichloromethane
Concen: 59.385 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

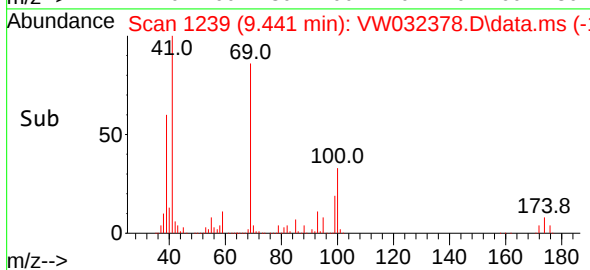
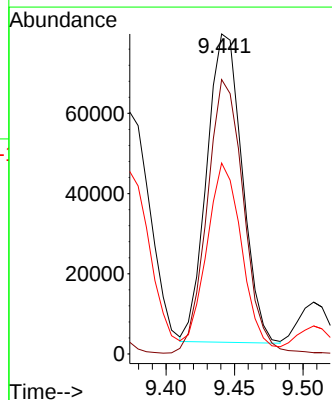
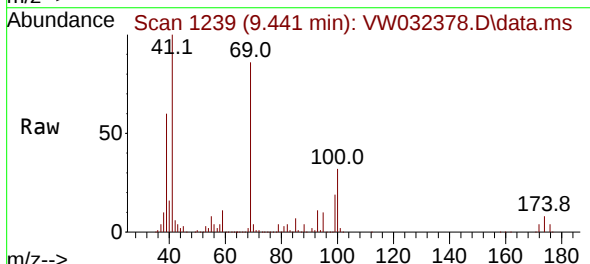
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

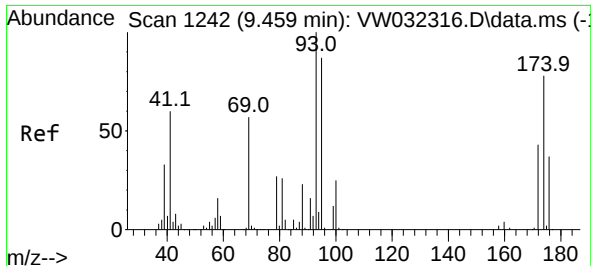
Tgt Ion: 83 Resp: 298867
Ion Ratio Lower Upper
83 100
85 62.6 48.7 73.1
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 52.640 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 41 Resp: 138219
Ion Ratio Lower Upper
41 100
69 91.6 71.5 107.3
39 62.1 55.9 83.9





#49

1,4-Dioxane

Concen: 1099.123 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

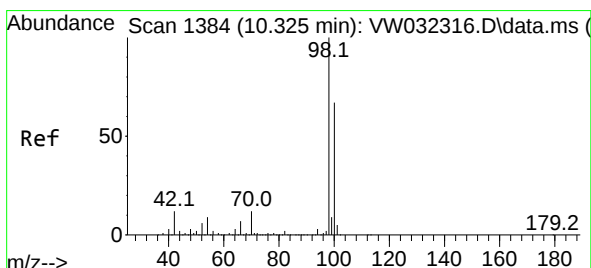
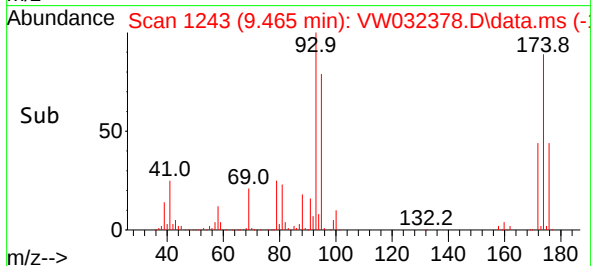
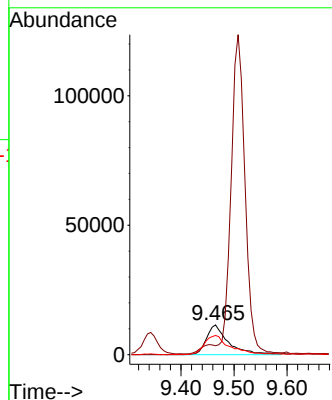
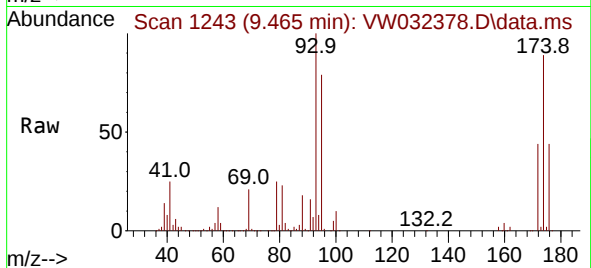
Tgt Ion: 88 Resp: 33056

Ion Ratio Lower Upper

88 100

43 21.4 18.0 27.0

58 74.0 55.4 83.0



#50

Toluene-d8

Concen: 53.480 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032378.D

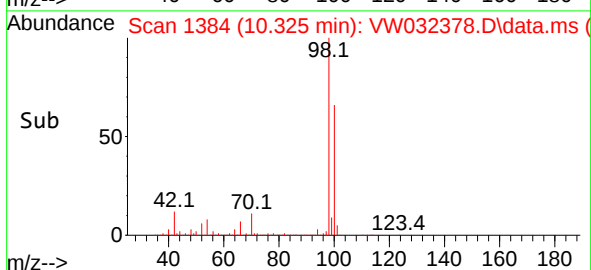
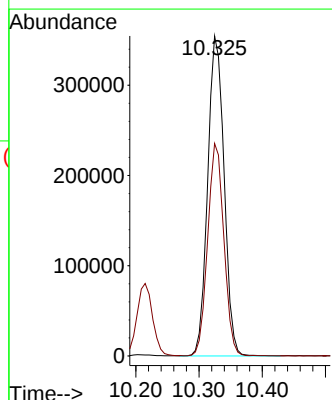
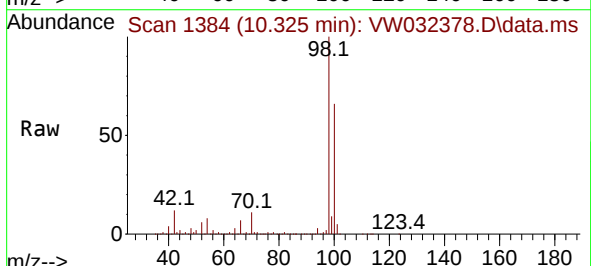
Acq: 20 Oct 2025 10:20

Tgt Ion: 98 Resp: 639666

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.2

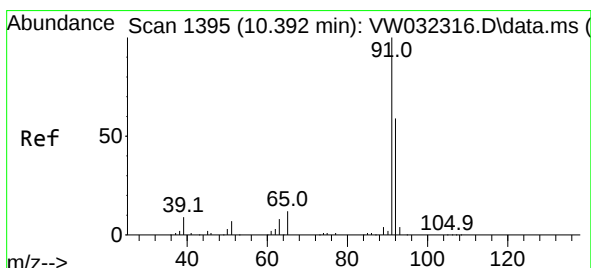
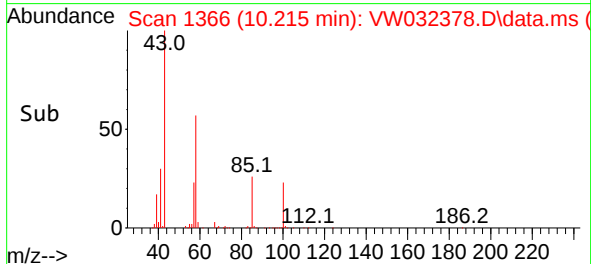
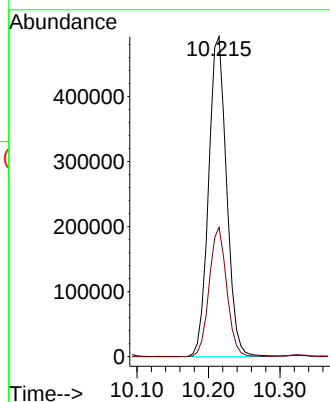
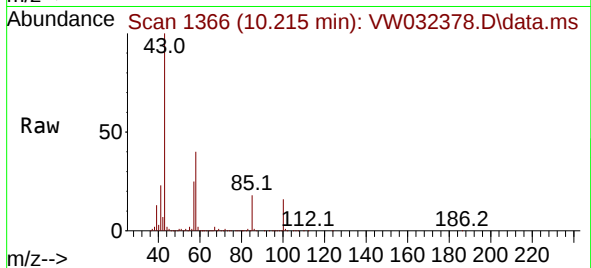




#51
4-Methyl-2-Pentanone
Concen: 275.041 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

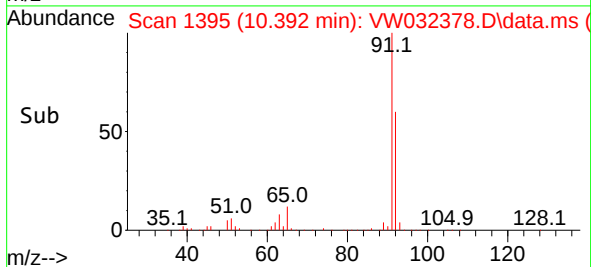
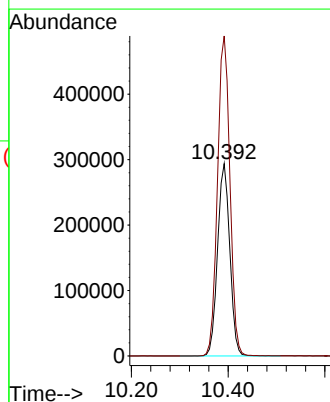
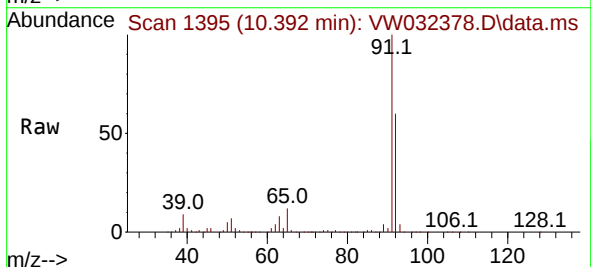
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

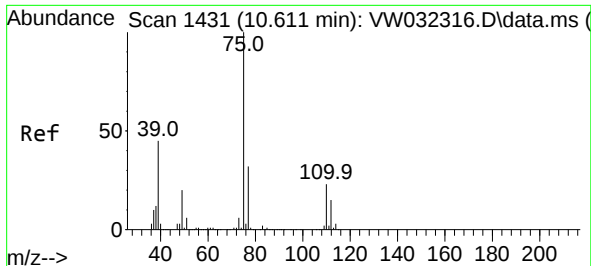
Tgt Ion: 43 Resp: 860318
Ion Ratio Lower Upper
43 100
58 39.4 32.0 48.0



#52
Toluene
Concen: 57.552 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 92 Resp: 513800
Ion Ratio Lower Upper
92 100
91 168.7 137.5 206.3

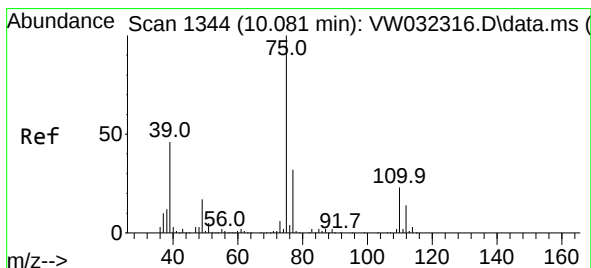
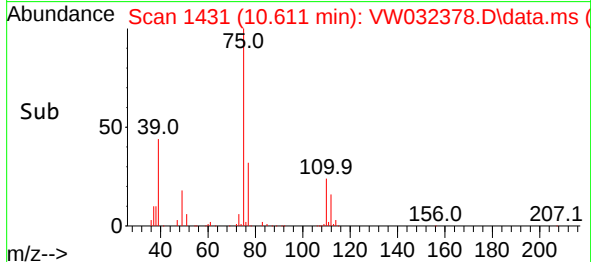
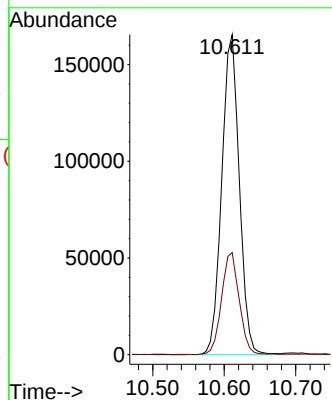
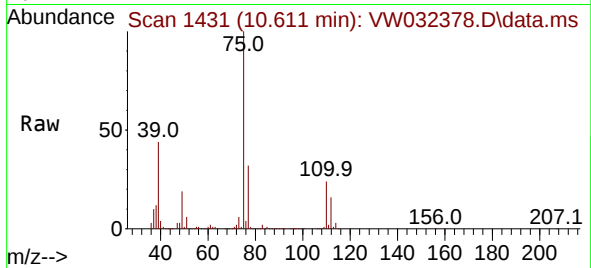




#53
t-1,3-Dichloropropene
Concen: 57.719 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

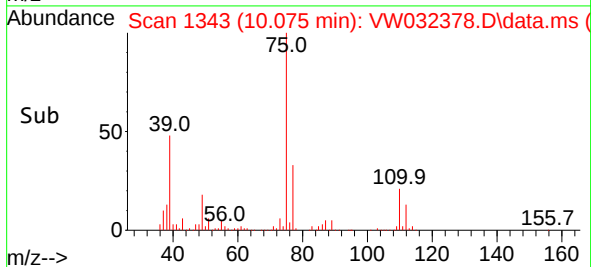
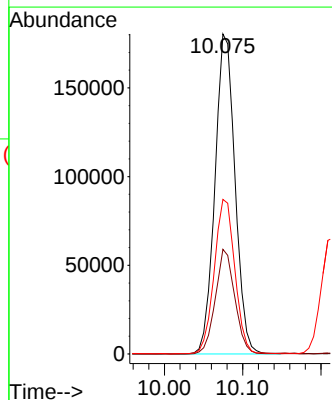
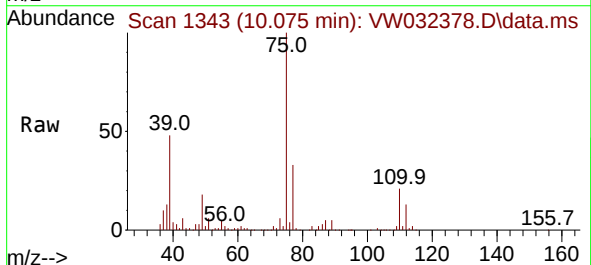
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

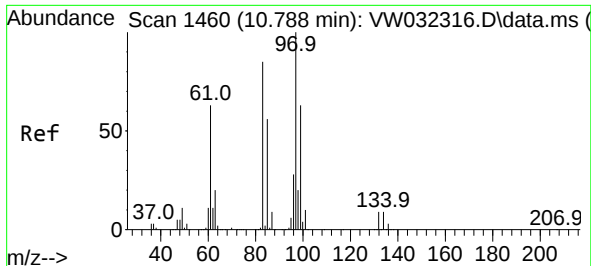
Tgt Ion: 75 Resp: 281818
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 57.231 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 75 Resp: 321876
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
39 48.2 43.2 64.8

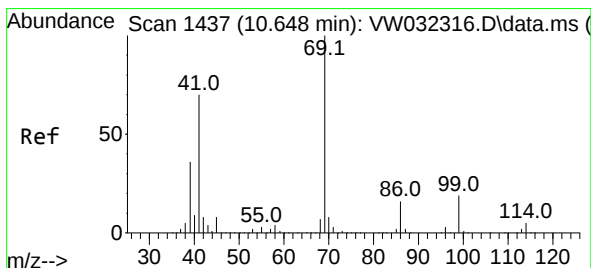
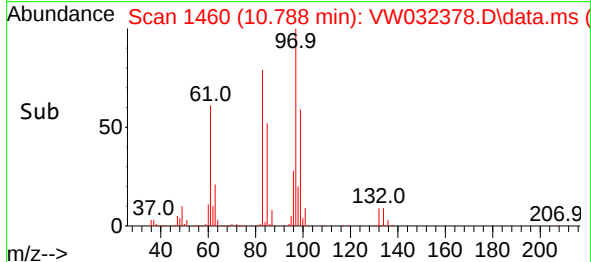
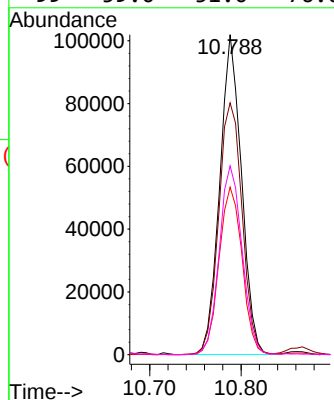
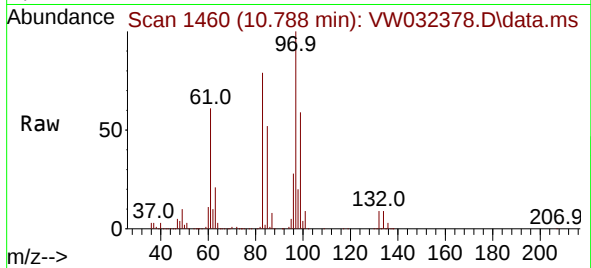




#55
1,1,2-Trichloroethane
Concen: 57.233 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

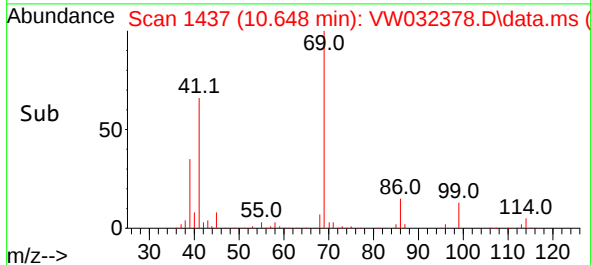
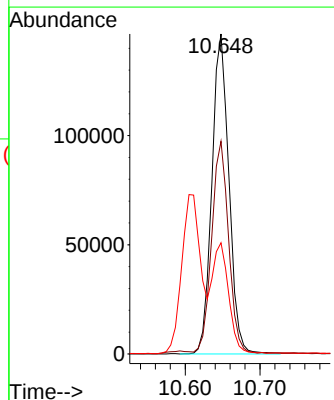
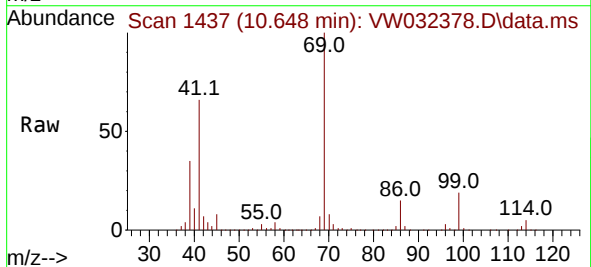
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

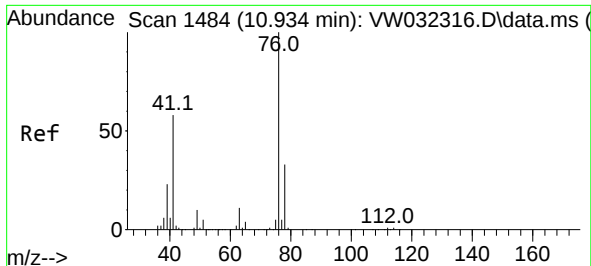
Tgt Ion:	97	Resp:	168313
Ion	Ratio	Lower	Upper
97	100		
83	78.8	71.0	106.6
85	52.4	42.8	64.2
99	59.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 56.352 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:	69	Resp:	231959
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.2	79.8
39	32.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 55.655 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

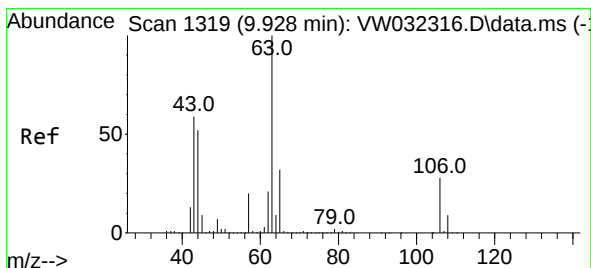
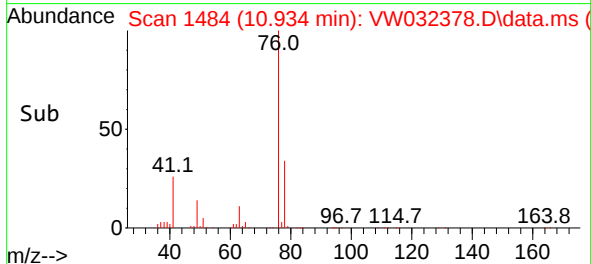
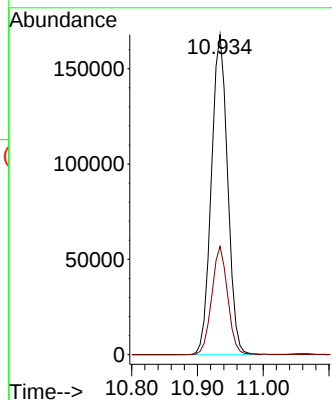
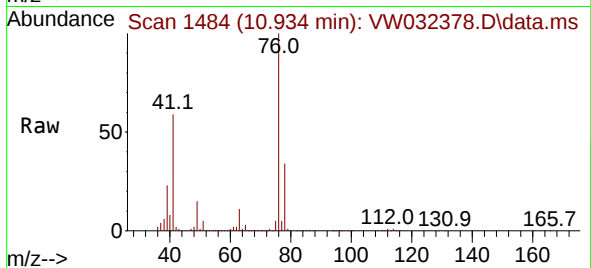
VSTDCCC050

Tgt Ion: 76 Resp: 289077

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 287.576 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032378.D

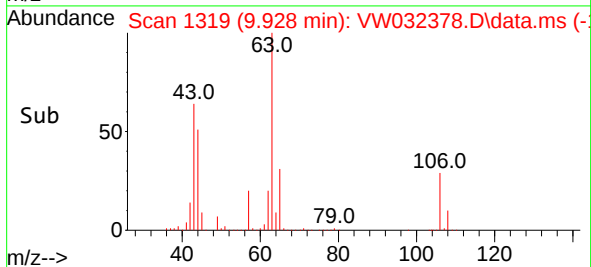
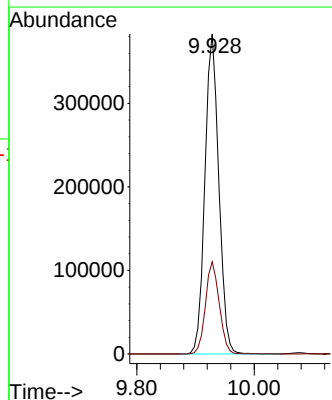
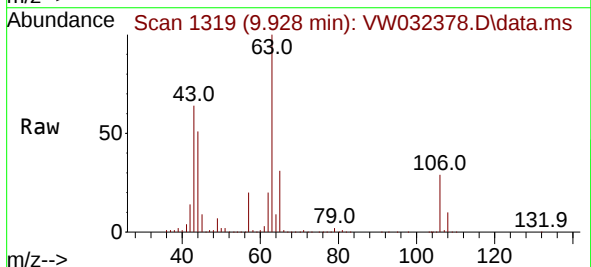
Acq: 20 Oct 2025 10:20

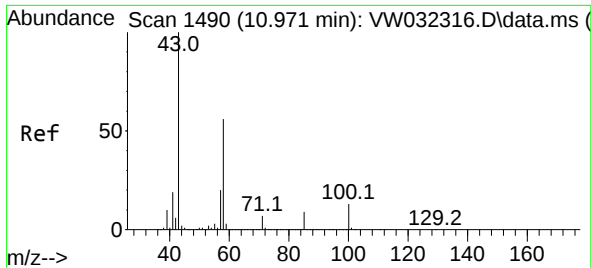
Tgt Ion: 63 Resp: 629980

Ion Ratio Lower Upper

63 100

106 28.5 24.3 36.5

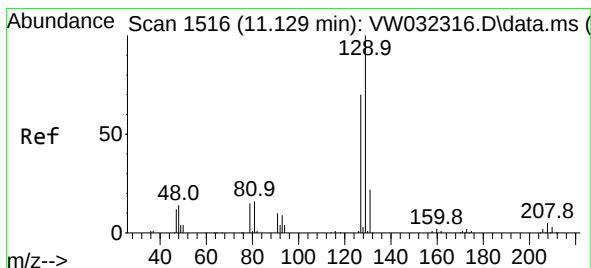
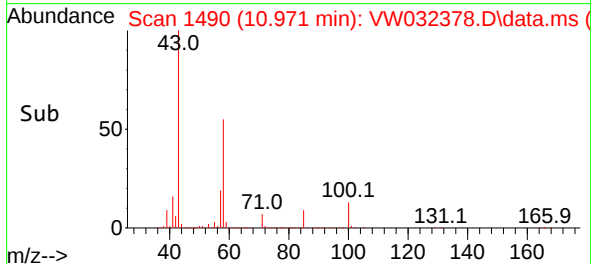
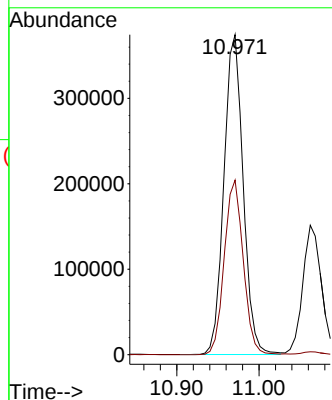
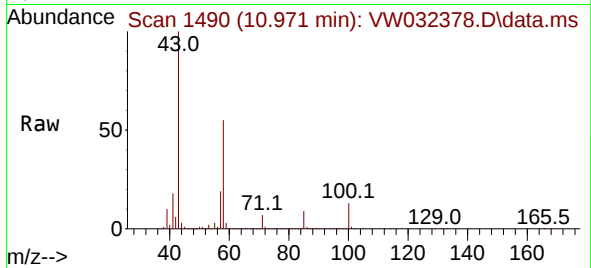




#59
2-Hexanone
Concen: 276.684 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

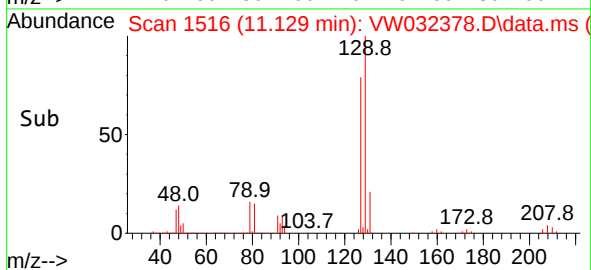
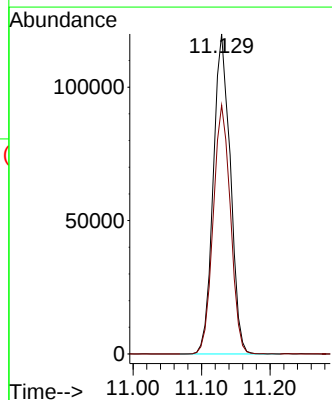
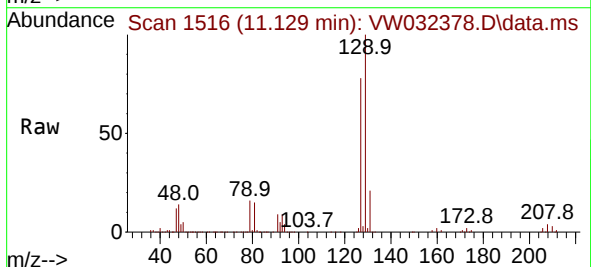
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

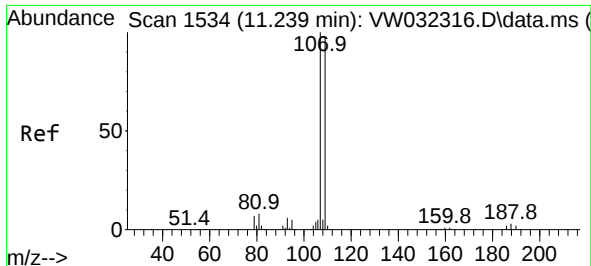
Tgt Ion: 43 Resp: 610396
Ion Ratio Lower Upper
43 100
58 54.0 27.5 82.4



#60
Dibromochloromethane
Concen: 61.883 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:129 Resp: 206640
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.5

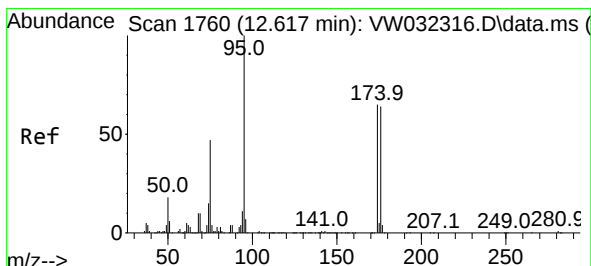
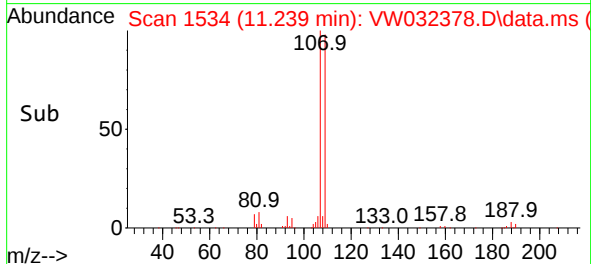
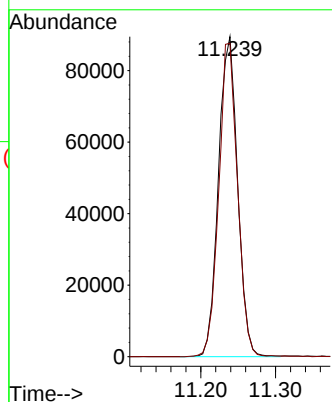
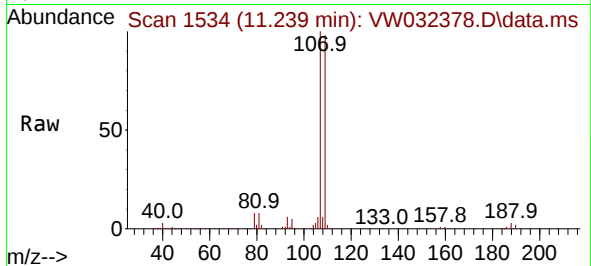




#61
1,2-Dibromoethane
Concen: 55.617 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

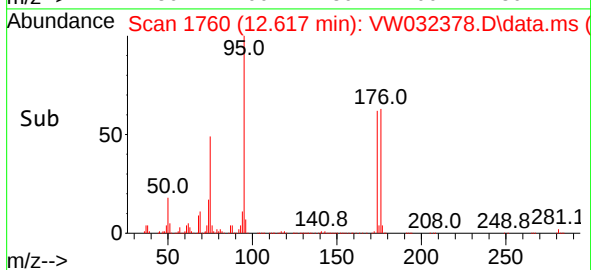
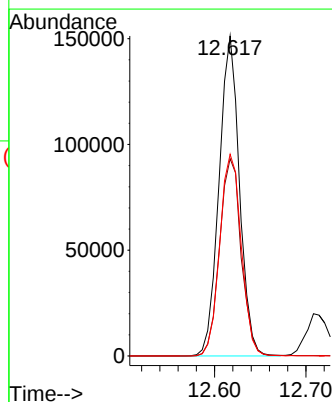
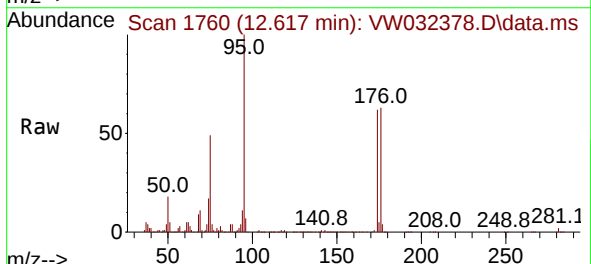
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

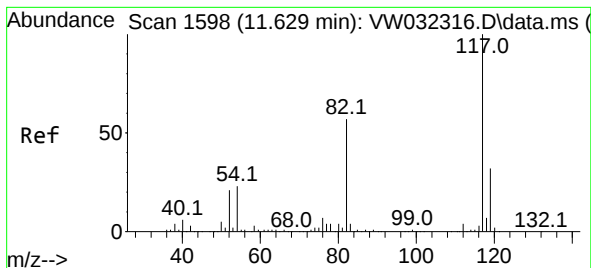
Tgt Ion:107 Resp: 159483
Ion Ratio Lower Upper
107 100
109 96.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 52.021 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 95 Resp: 235180
Ion Ratio Lower Upper
95 100
174 65.3 0.0 145.6
176 66.5 0.0 140.8

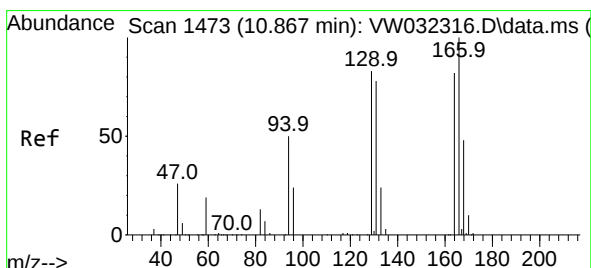
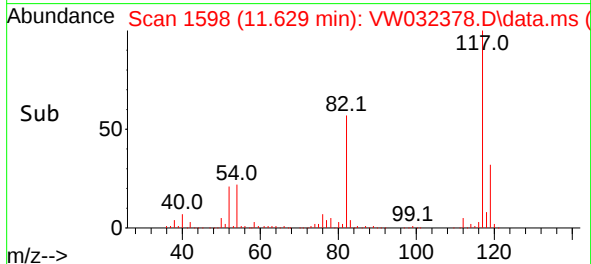
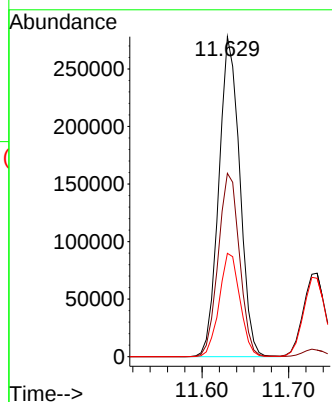
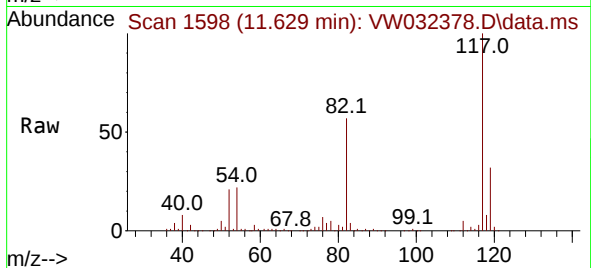




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

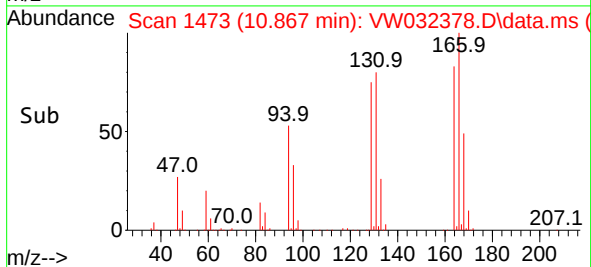
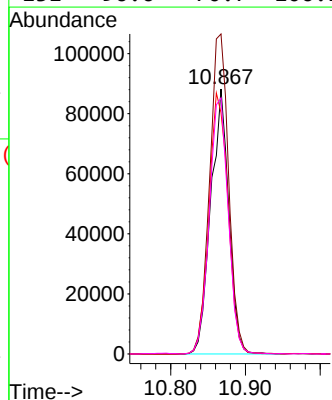
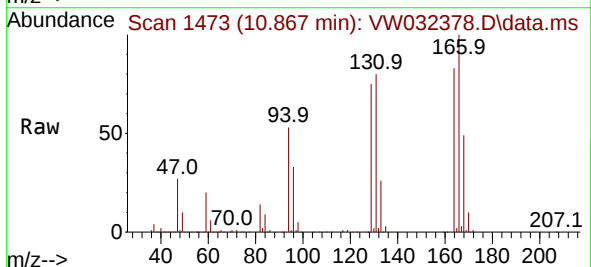
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

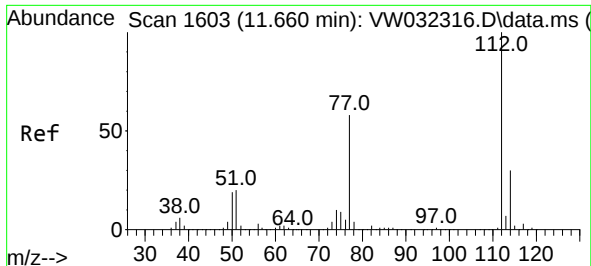
Tgt Ion:117 Resp: 466876
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 52.663 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:164 Resp: 147123
Ion Ratio Lower Upper
164 100
166 120.8 97.5 146.3
129 91.0 71.2 106.8
131 96.6 70.7 106.1

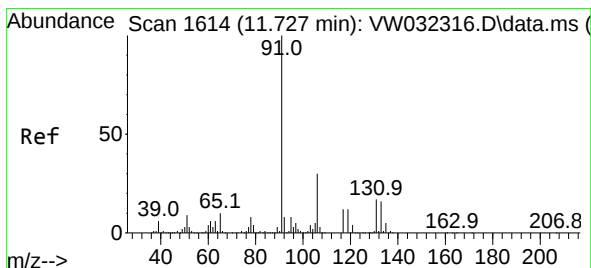
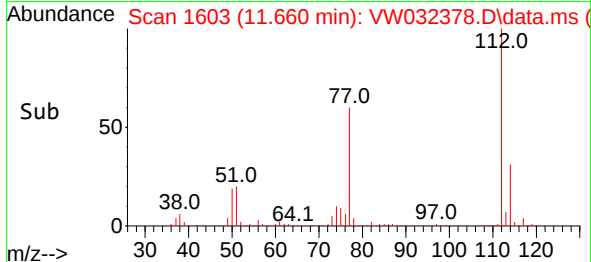
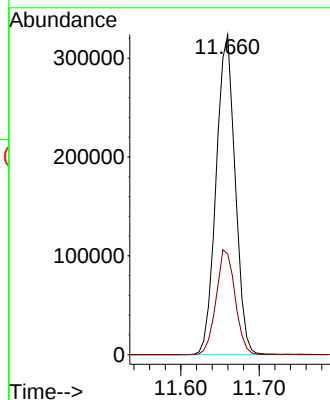
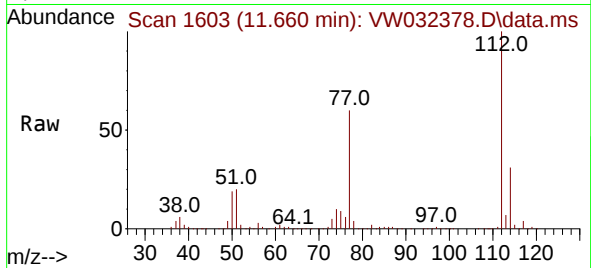




#65
Chlorobenzene
Concen: 53.221 ug/l
RT: 11.660 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

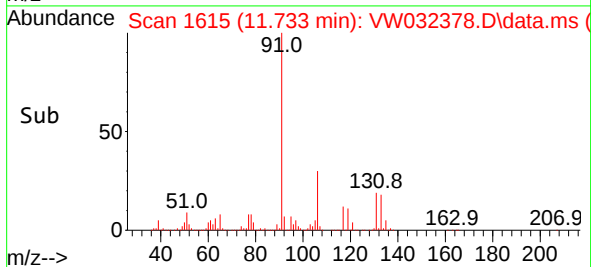
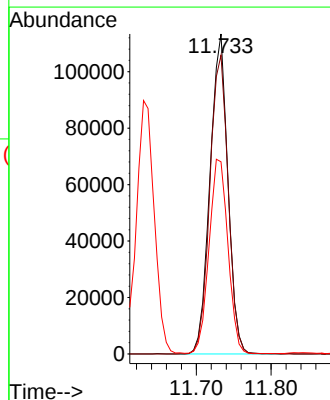
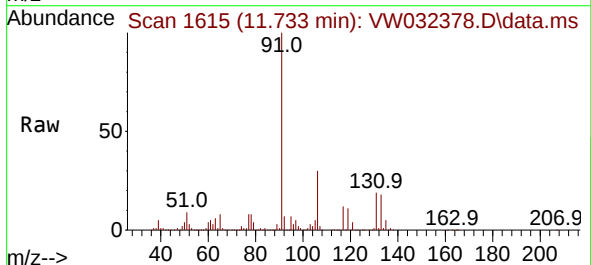
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

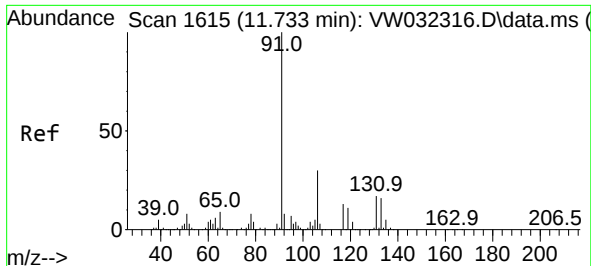
Tgt Ion:112 Resp: 546708
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 58.904 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:131 Resp: 188463
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 64.2 32.8 98.3





#67

Ethyl Benzene

Concen: 56.174 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

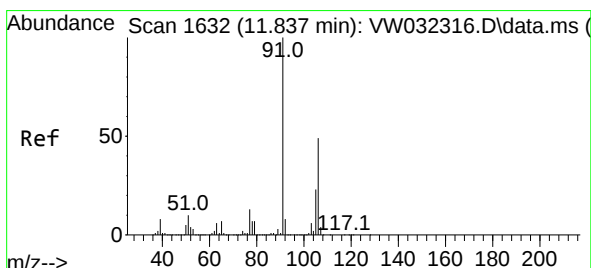
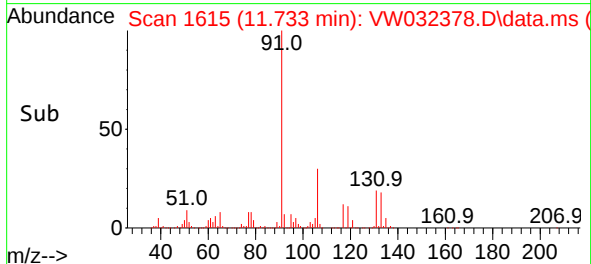
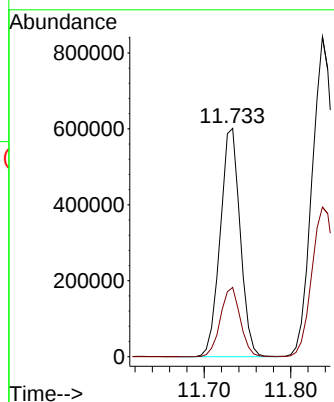
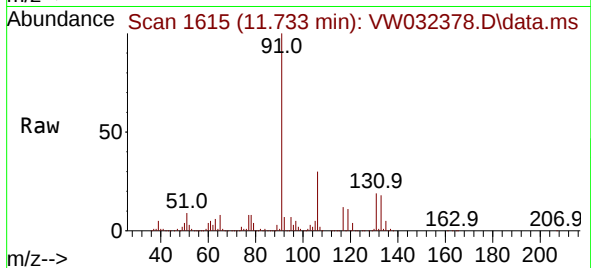
VSTDCCC050

Tgt Ion: 91 Resp: 961868

Ion Ratio Lower Upper

91 100

106 30.3 25.3 37.9



#68

m/p-Xylenes

Concen: 112.736 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032378.D

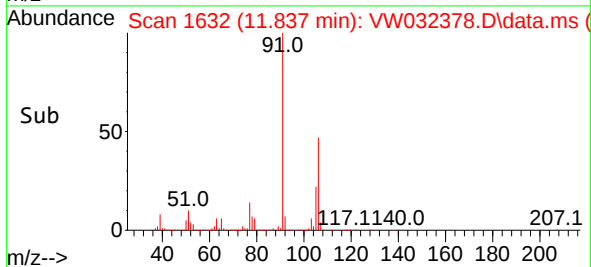
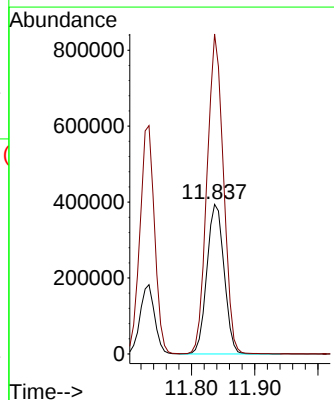
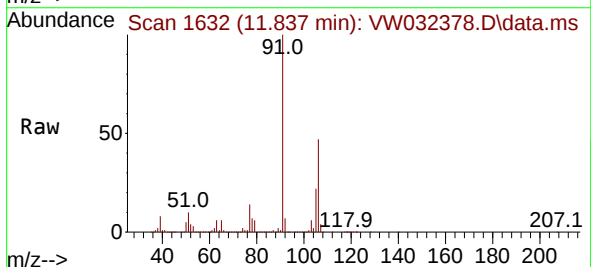
Acq: 20 Oct 2025 10:20

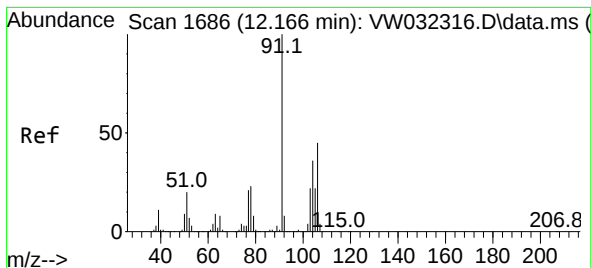
Tgt Ion:106 Resp: 744366

Ion Ratio Lower Upper

106 100

91 204.6 164.2 246.2

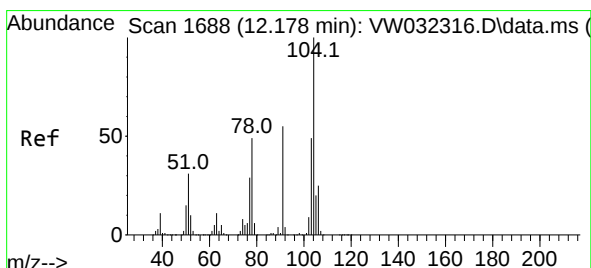
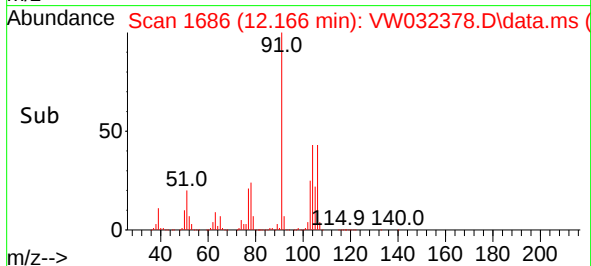
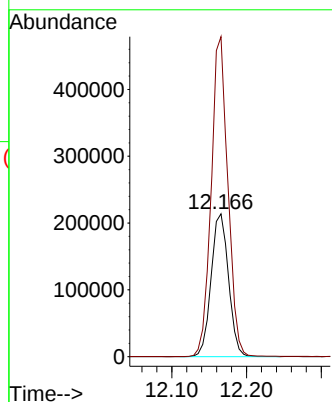
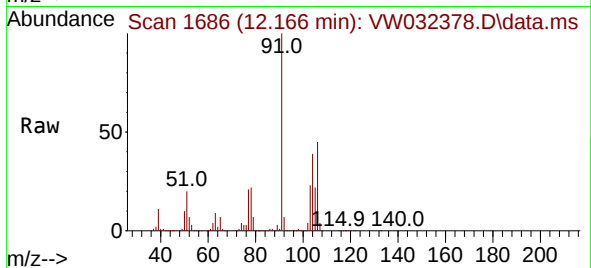




#69
o-Xylene
Concen: 55.988 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

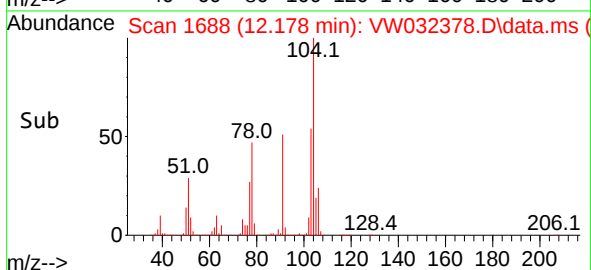
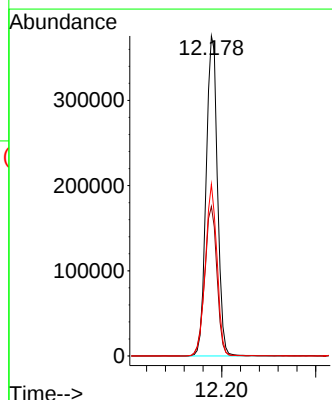
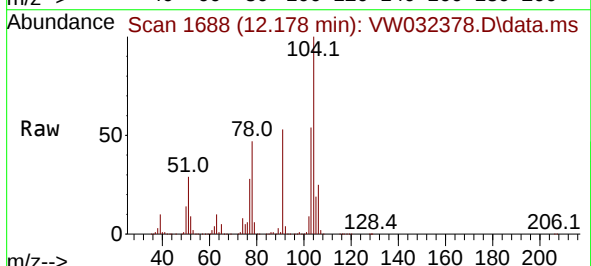
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

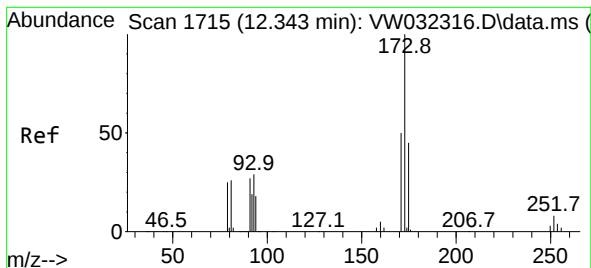
Tgt Ion:106 Resp: 345708
Ion Ratio Lower Upper
106 100
91 214.9 108.7 326.3



#70
Styrene
Concen: 58.262 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:104 Resp: 628107
Ion Ratio Lower Upper
104 100
78 50.1 41.6 62.4
103 55.1 44.8 67.2





#71

Bromoform

Concen: 61.560 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

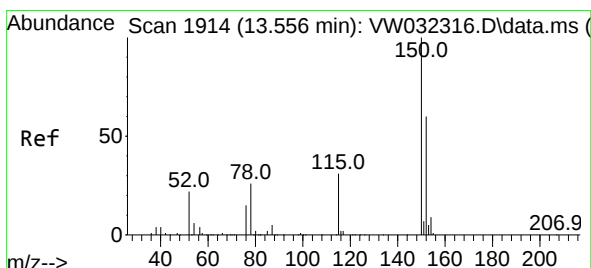
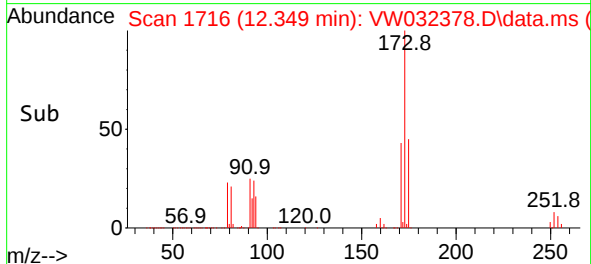
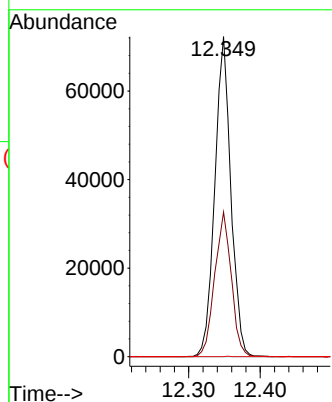
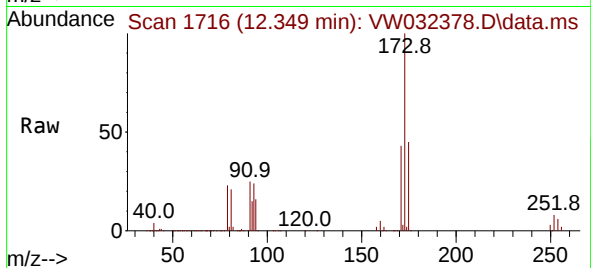
Tgt Ion:173 Resp: 112897

Ion Ratio Lower Upper

173 100

175 46.6 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

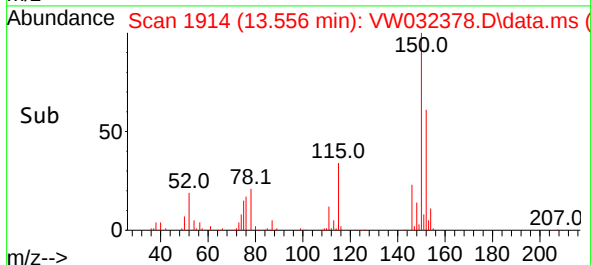
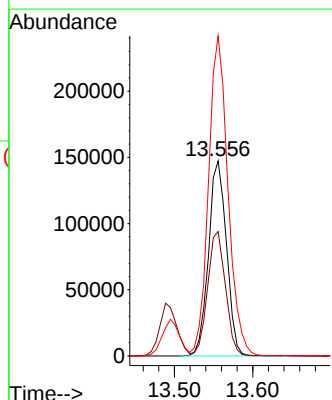
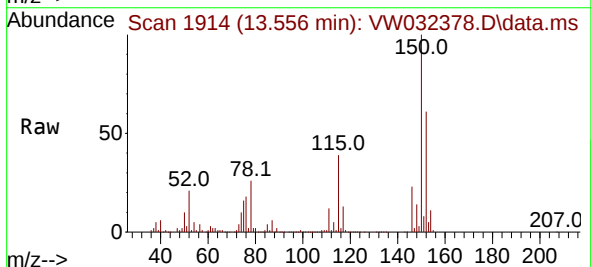
Tgt Ion:152 Resp: 234766

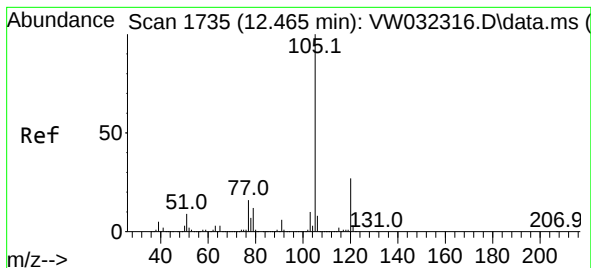
Ion Ratio Lower Upper

152 100

115 63.2 31.8 95.4

150 177.2 0.0 343.0





#73

Isopropylbenzene

Concen: 54.560 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

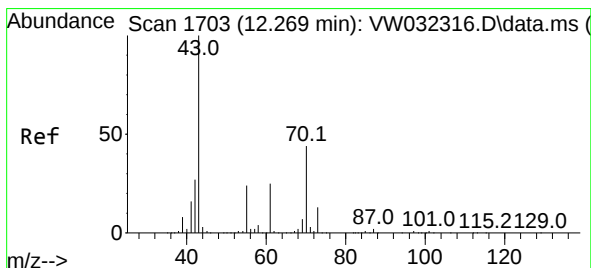
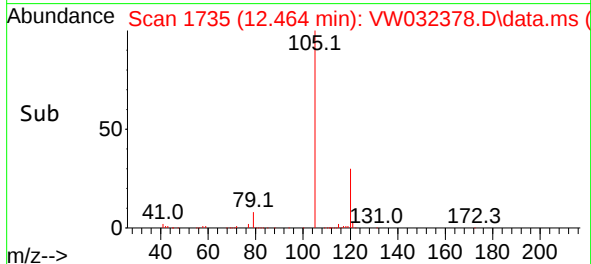
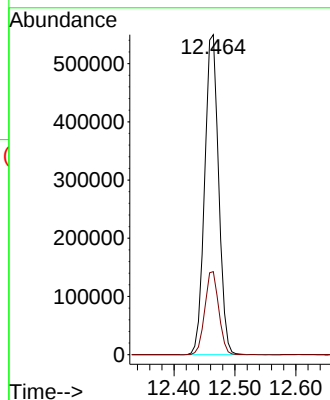
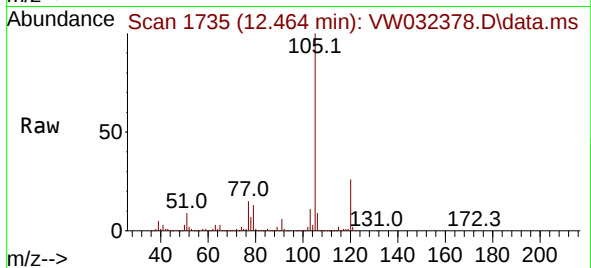
VSTDCCC050

Tgt Ion:105 Resp: 876325

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 51.189 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Tgt Ion: 43 Resp: 262286

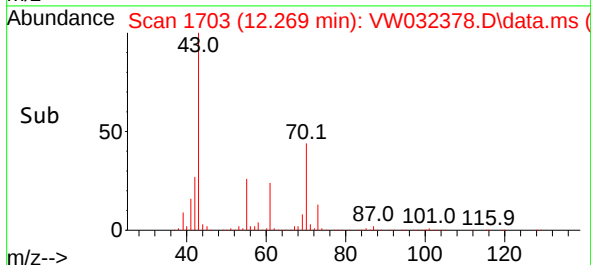
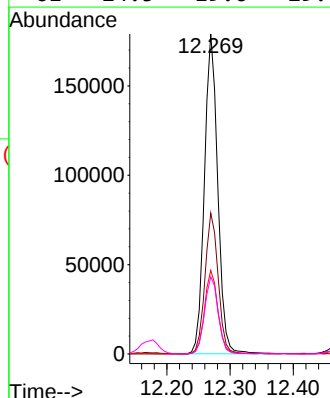
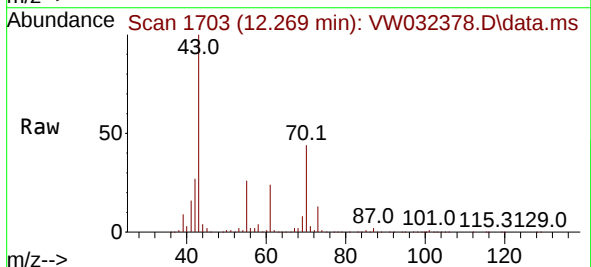
Ion Ratio Lower Upper

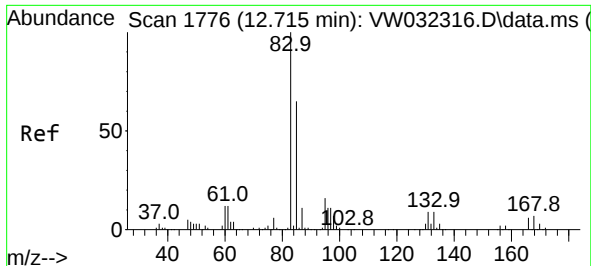
43 100

70 44.1 35.3 52.9

55 26.7 19.9 29.9

61 24.5 19.6 29.4

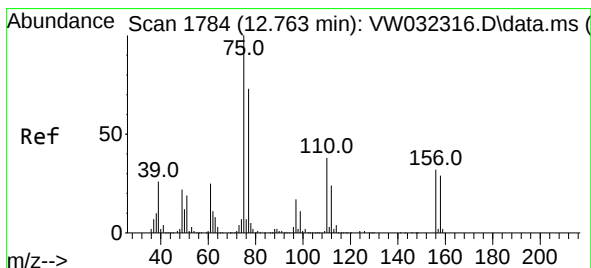
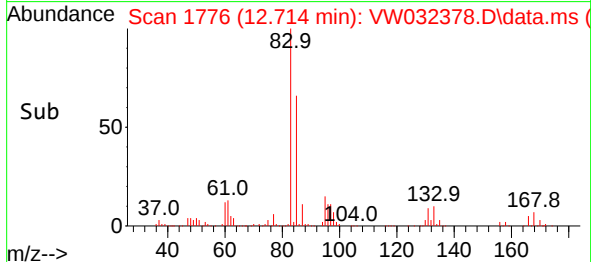
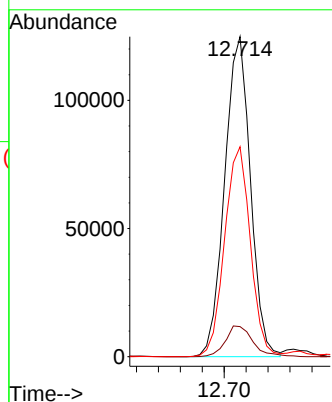
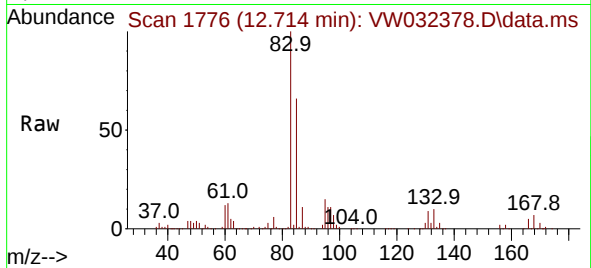




#75
1,1,2,2-Tetrachloroethane
Concen: 51.119 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

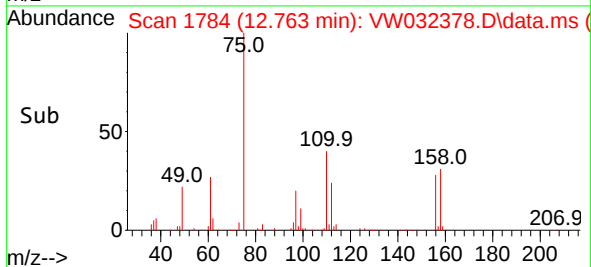
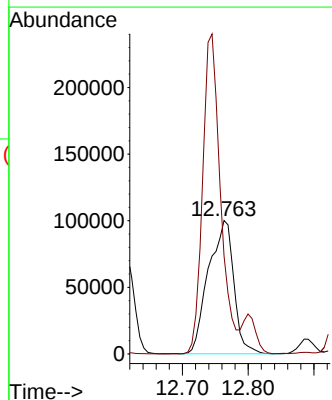
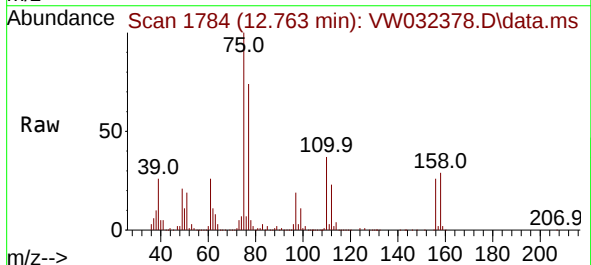
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

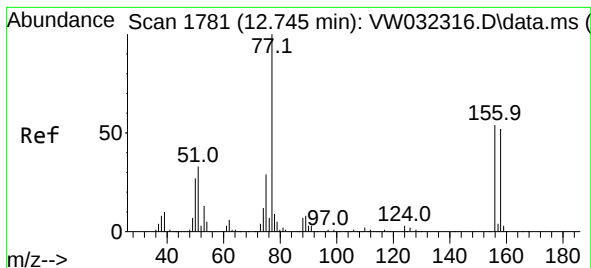
Tgt Ion: 83 Resp: 203868
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 65.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 86.691 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 75 Resp: 267823
Ion Ratio Lower Upper
75 100
77 168.6 141.7 425.1





#77

Bromobenzene

Concen: 53.907 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

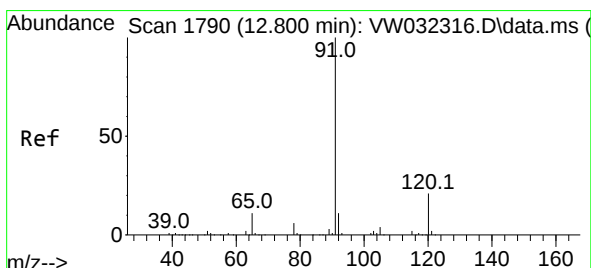
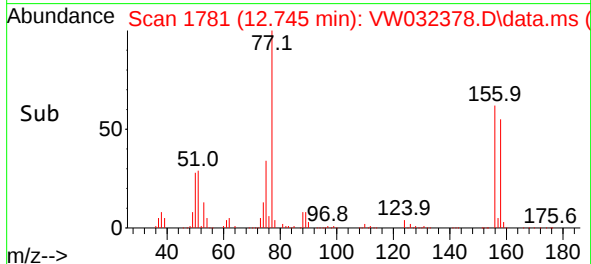
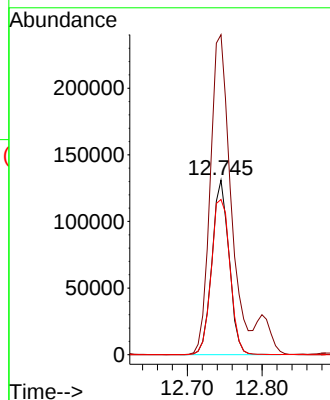
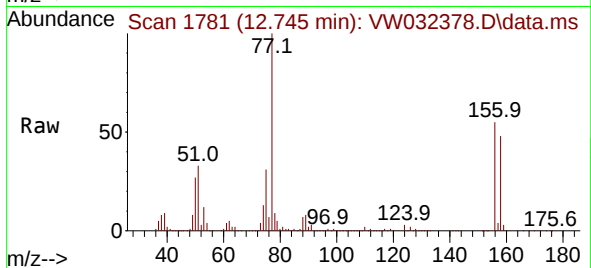
Tgt Ion:156 Resp: 208716

Ion Ratio Lower Upper

156 100

77 216.4 98.6 295.7

158 97.8 48.4 145.0



#78

n-propylbenzene

Concen: 54.462 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032378.D

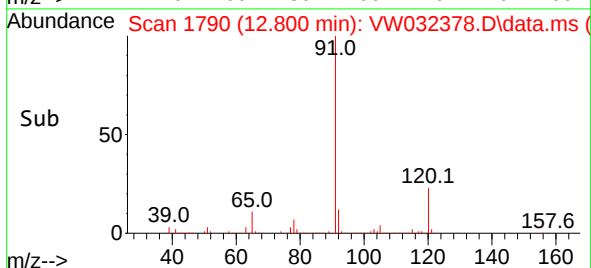
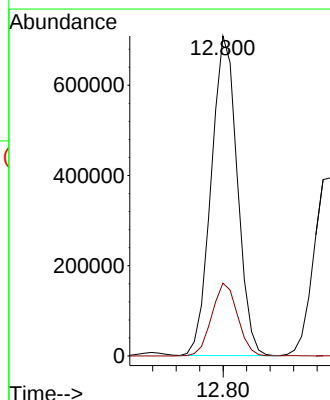
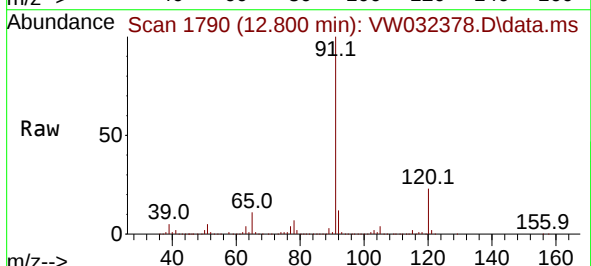
Acq: 20 Oct 2025 10:20

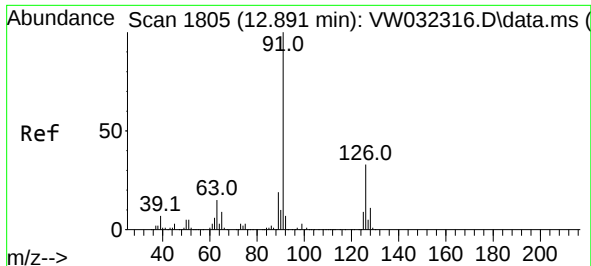
Tgt Ion: 91 Resp: 1092673

Ion Ratio Lower Upper

91 100

120 22.5 11.8 35.4

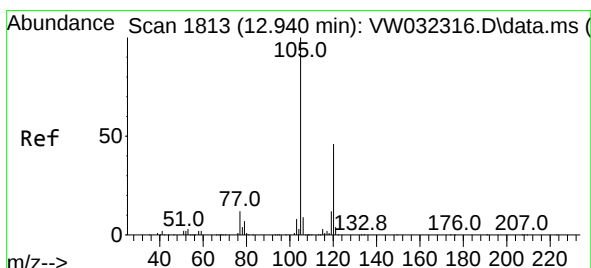
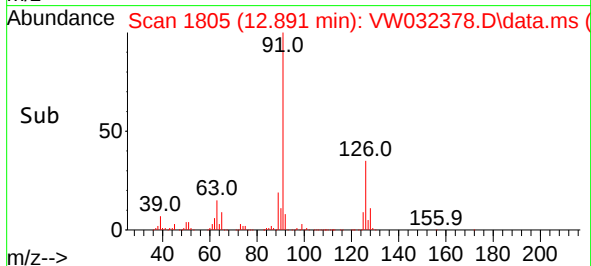
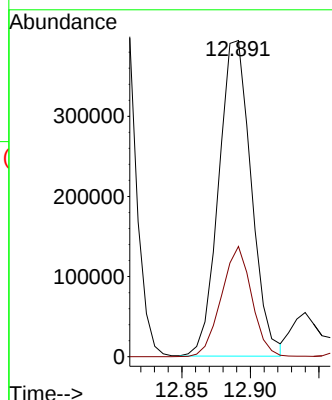
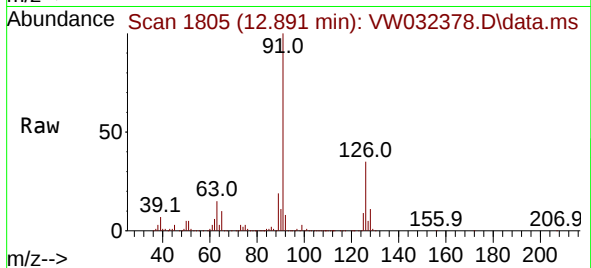




#79
2-Chlorotoluene
Concen: 53.203 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

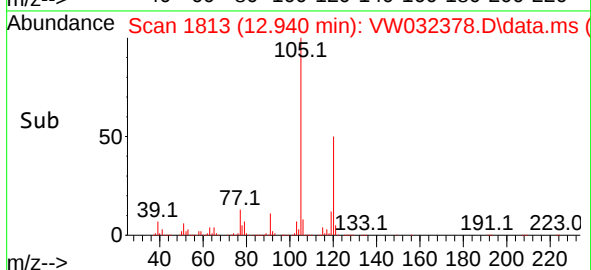
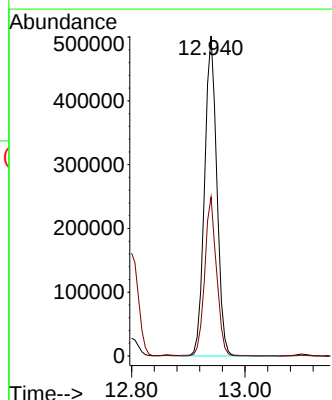
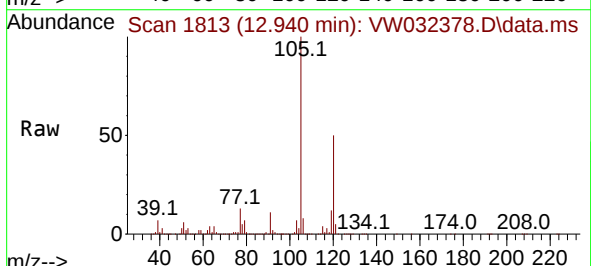
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

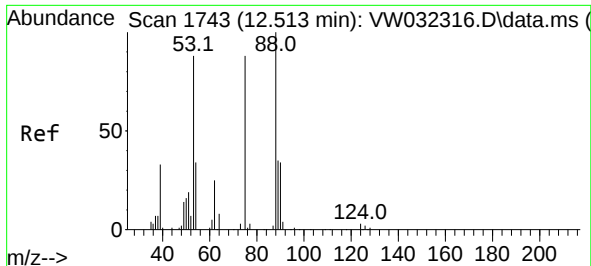
Tgt Ion: 91 Resp: 652667
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.209 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 105 Resp: 752875
Ion Ratio Lower Upper
105 100
120 47.7 24.8 74.4

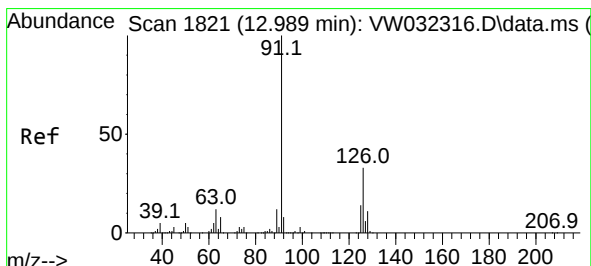
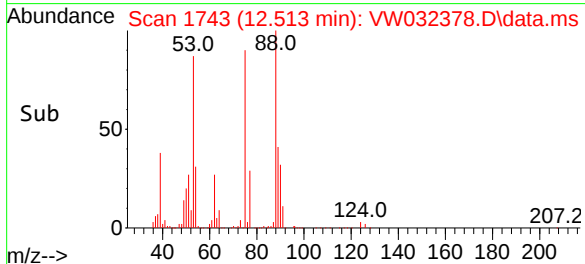
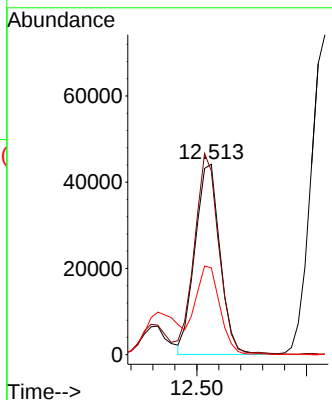
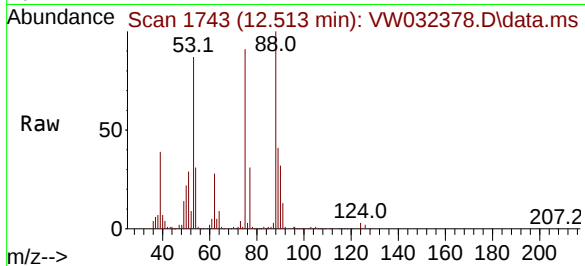




#81
trans-1,4-Dichloro-2-butene
Concen: 57.667 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

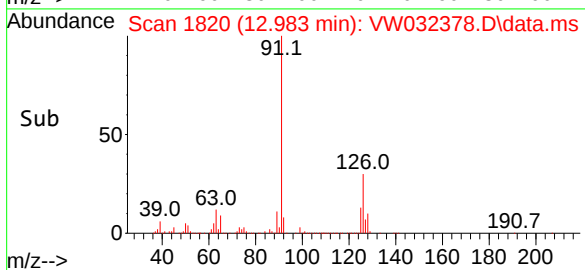
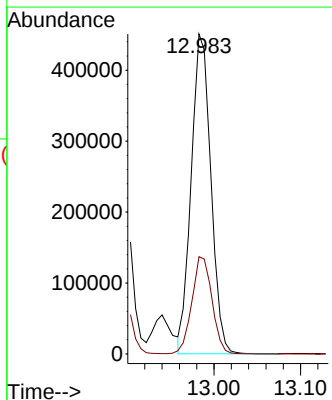
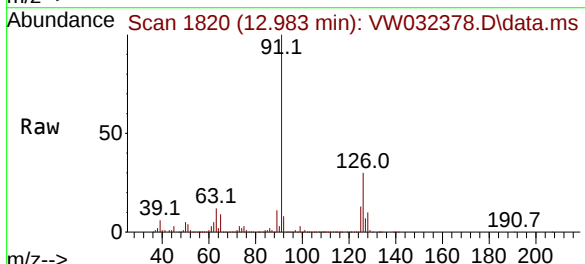
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

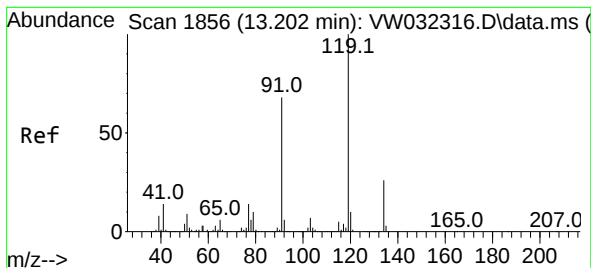
Tgt Ion: 75 Resp: 70326
Ion Ratio Lower Upper
75 100
53 103.7 91.0 136.6
89 45.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 54.437 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 91 Resp: 709987
Ion Ratio Lower Upper
91 100
126 31.2 16.1 48.2

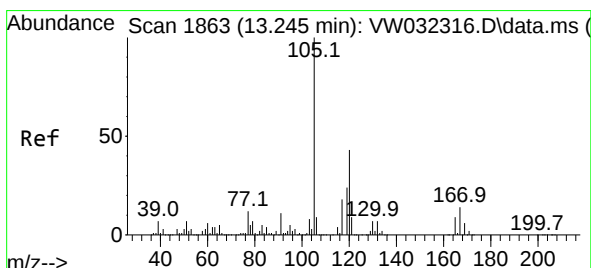
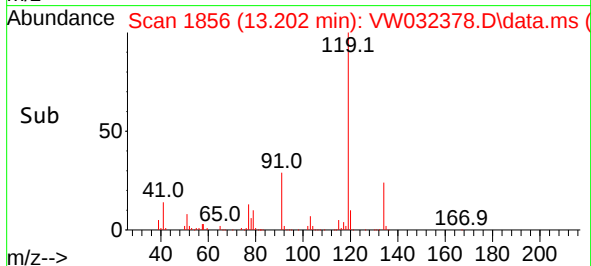
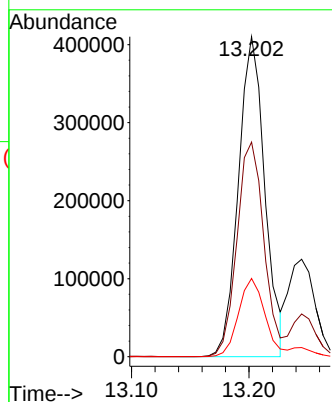
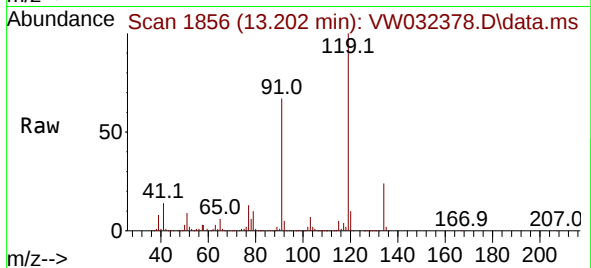




#83
 tert-Butylbenzene
 Concen: 56.237 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

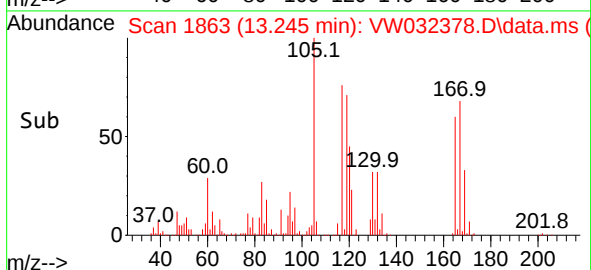
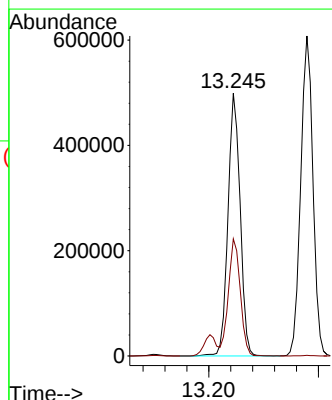
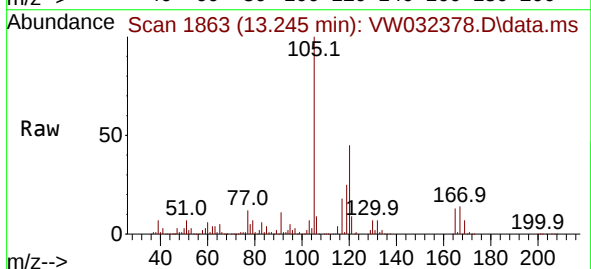
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

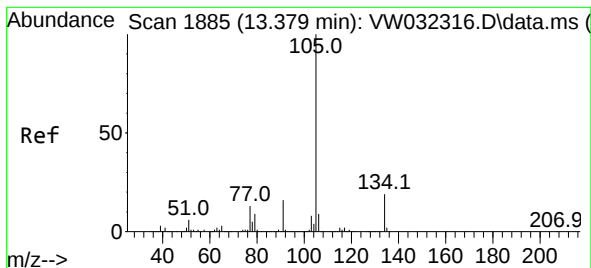
Tgt Ion:119 Resp: 640849
 Ion Ratio Lower Upper
 119 100
 91 68.2 33.8 101.3
 134 24.6 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.602 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032378.D
 Acq: 20 Oct 2025 10:20

Tgt Ion:105 Resp: 771106
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.756 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

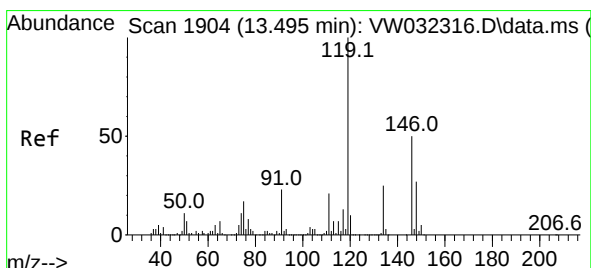
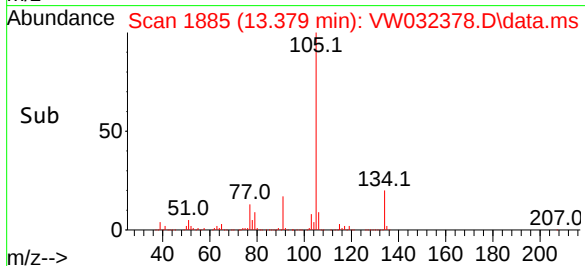
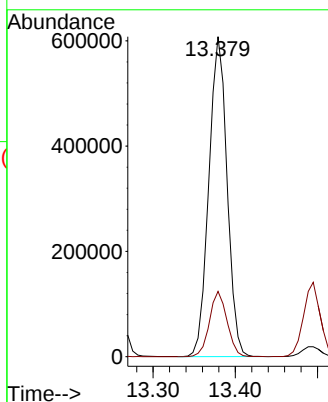
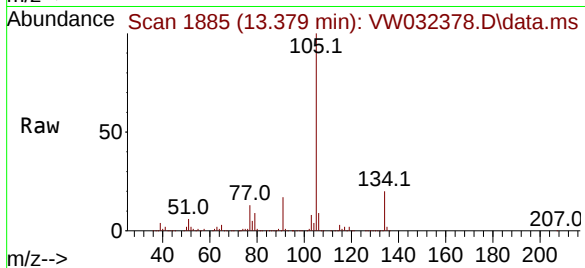
VSTDCCC050

Tgt Ion:105 Resp: 936126

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.381 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

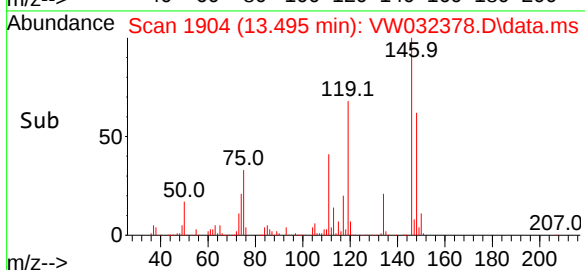
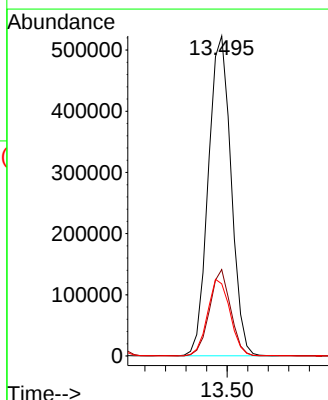
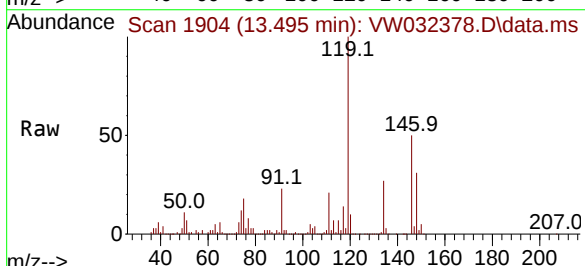
Tgt Ion:119 Resp: 800220

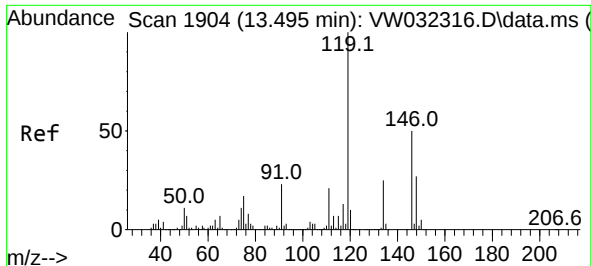
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 23.8 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 52.884 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

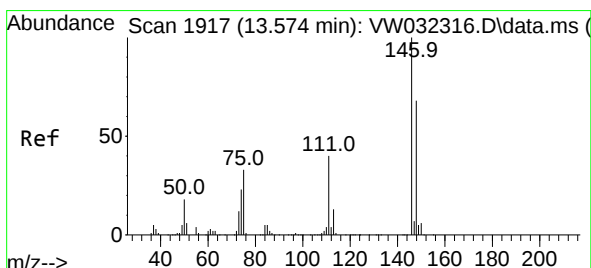
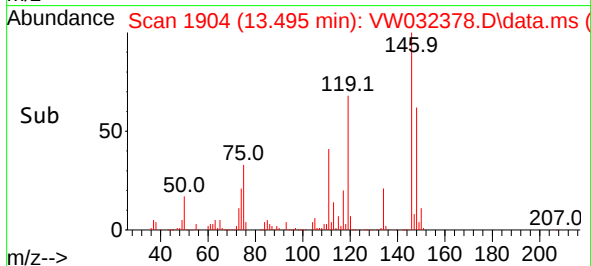
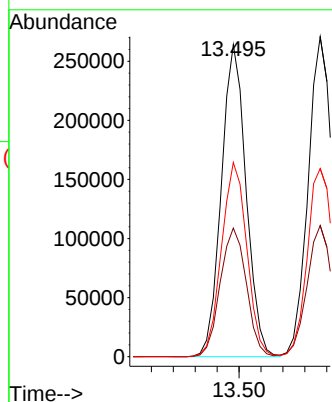
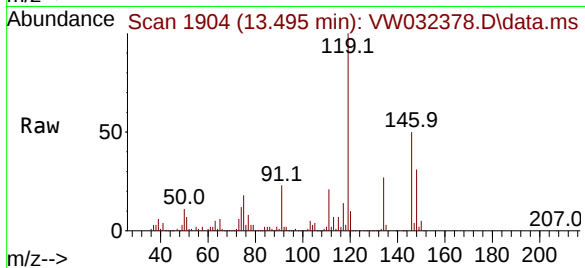
Tgt Ion:146 Resp: 414615

Ion Ratio Lower Upper

146 100

111 43.4 20.6 61.9

148 63.7 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 54.068 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

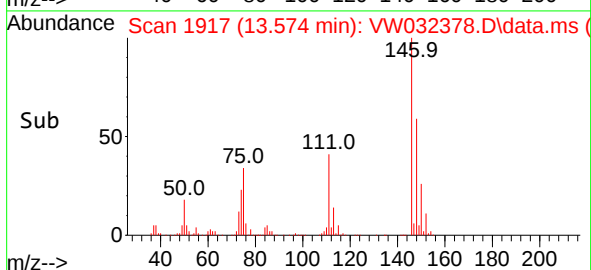
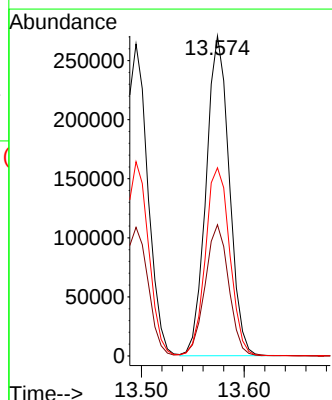
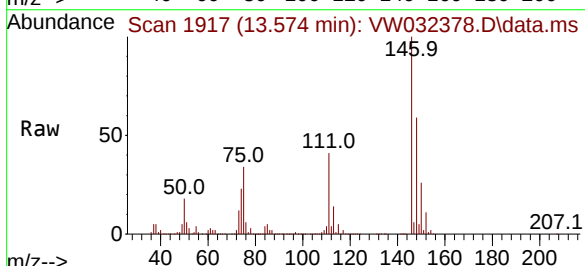
Tgt Ion:146 Resp: 423851

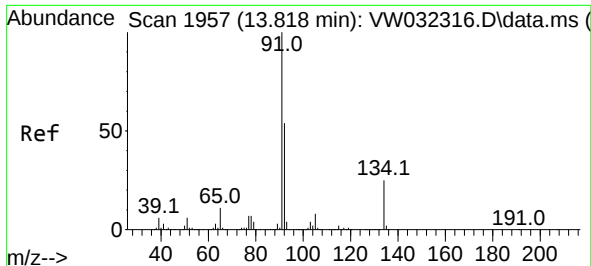
Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

148 62.0 33.4 100.1

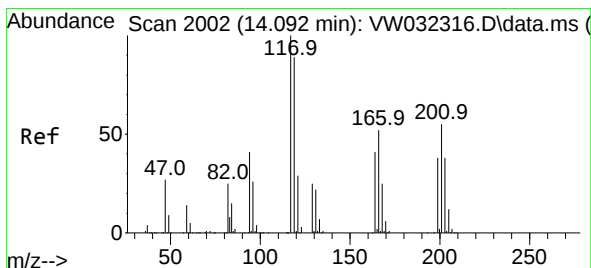
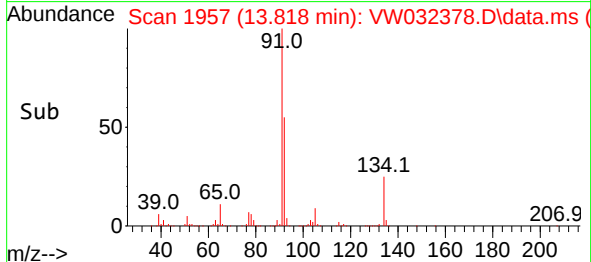
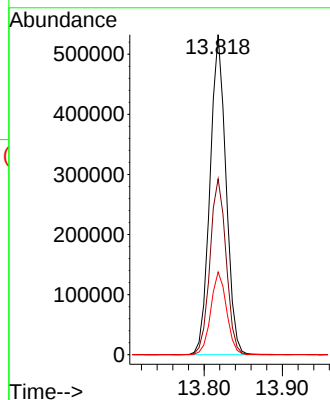
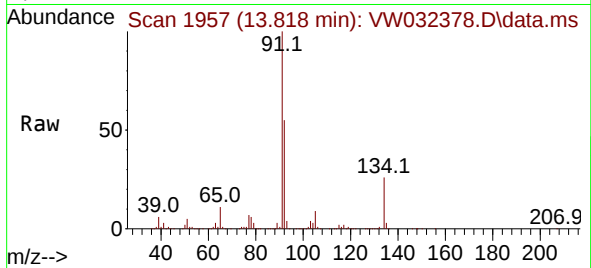




#89
n-Butylbenzene
Concen: 53.414 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

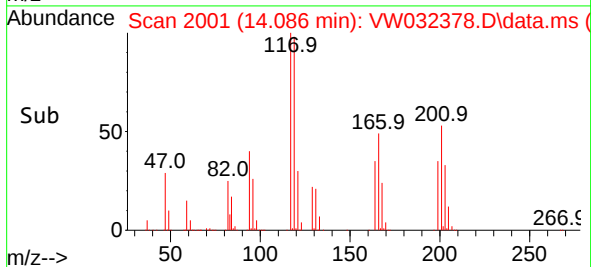
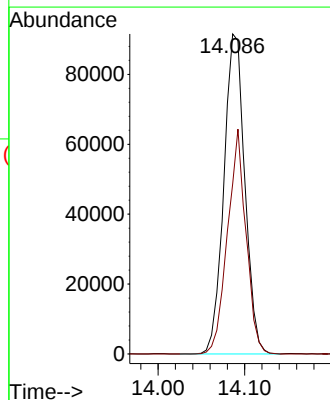
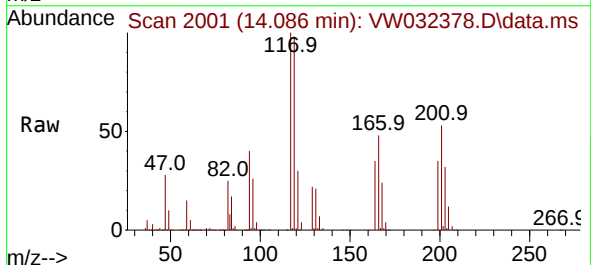
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

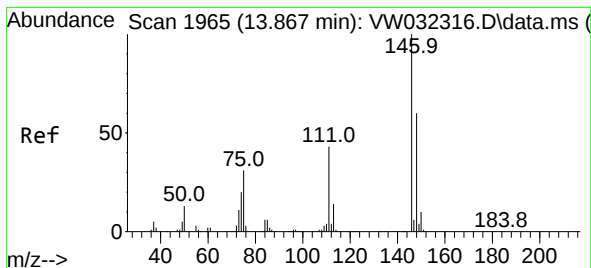
Tgt Ion: 91 Resp: 753562
Ion Ratio Lower Upper
91 100
92 55.4 27.0 81.0
134 25.4 13.1 39.3



#90
Hexachloroethane
Concen: 59.535 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion: 117 Resp: 154192
Ion Ratio Lower Upper
117 100
201 61.8 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 53.150 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

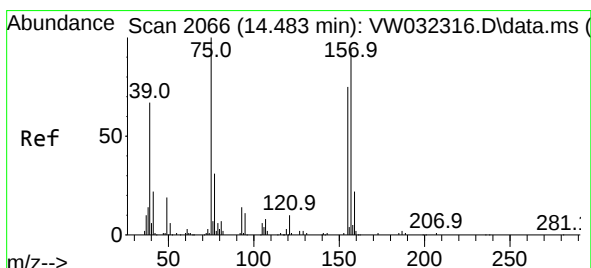
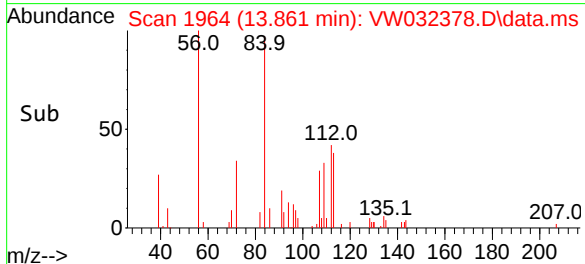
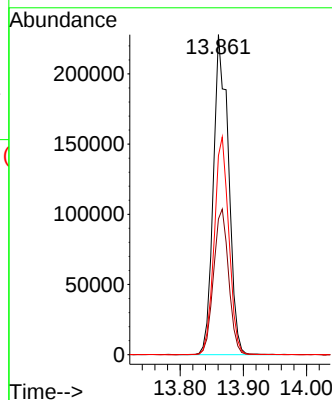
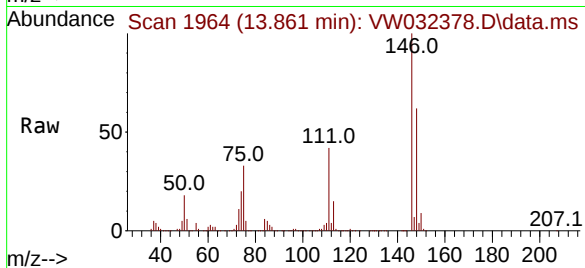
Tgt Ion:146 Resp: 376678

Ion Ratio Lower Upper

146 100

111 45.4 23.4 70.0

148 65.9 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.021 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

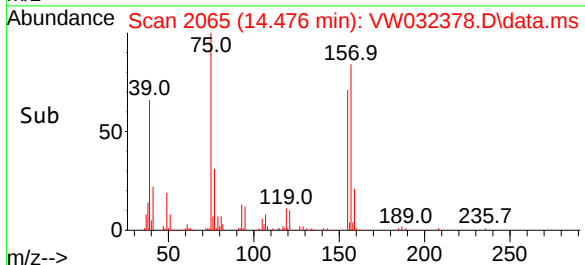
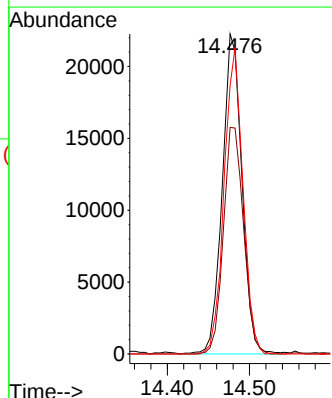
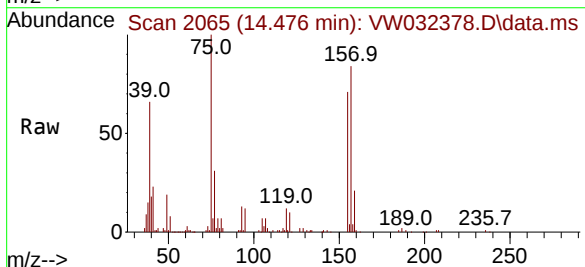
Tgt Ion: 75 Resp: 37022

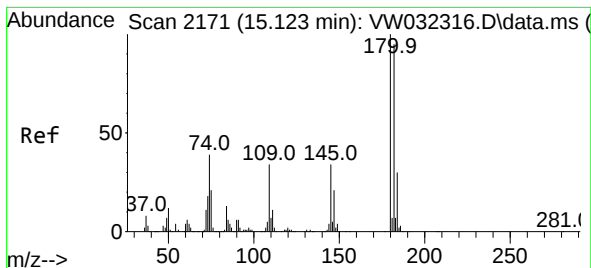
Ion Ratio Lower Upper

75 100

155 72.7 40.8 122.5

157 91.7 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 52.878 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

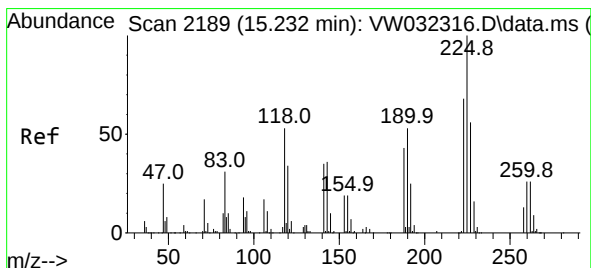
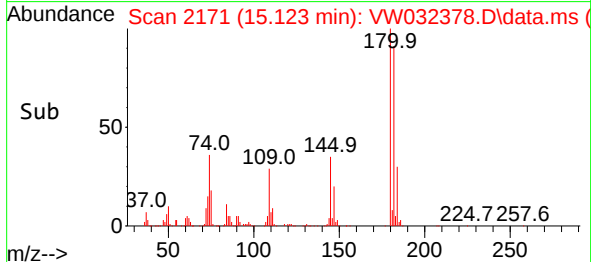
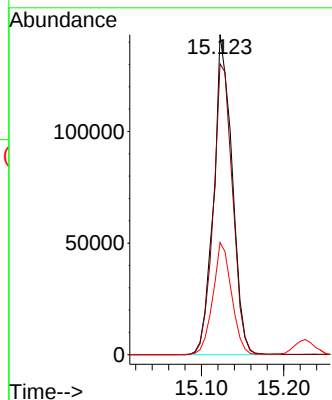
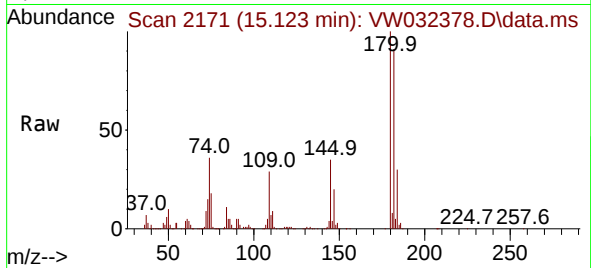
Tgt Ion:180 Resp: 224715

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.2

145 35.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 54.498 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032378.D

Acq: 20 Oct 2025 10:20

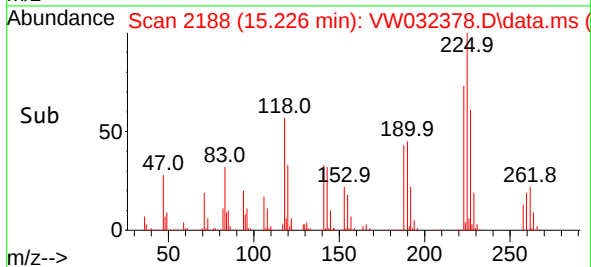
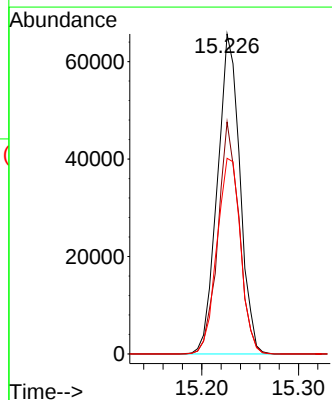
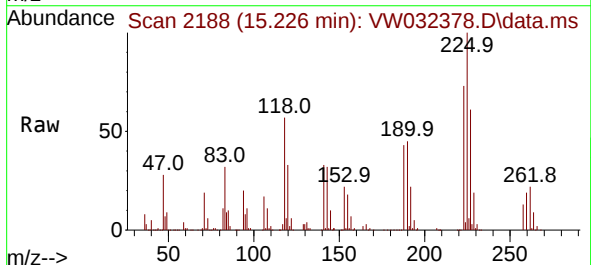
Tgt Ion:225 Resp: 105887

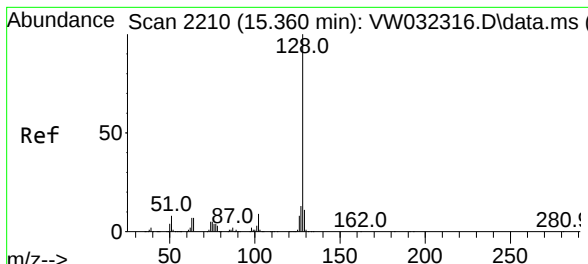
Ion Ratio Lower Upper

225 100

223 67.9 29.8 89.3

227 64.3 30.5 91.5



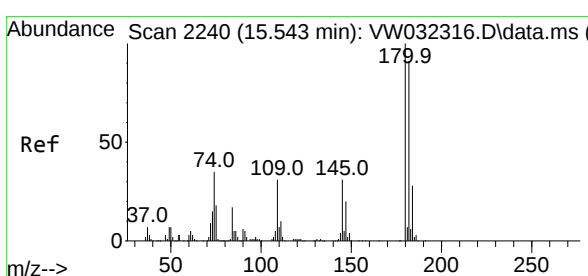
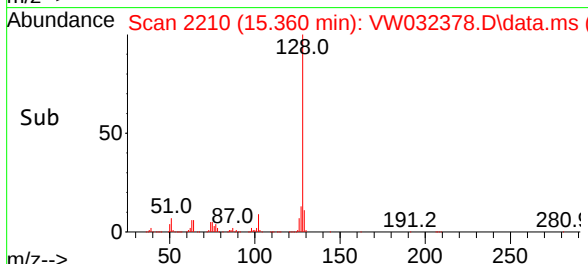
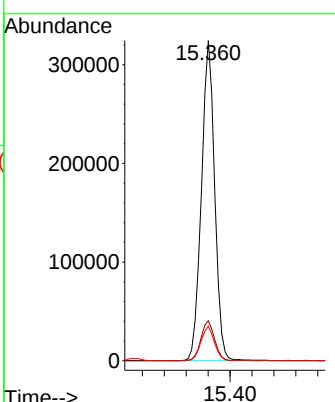
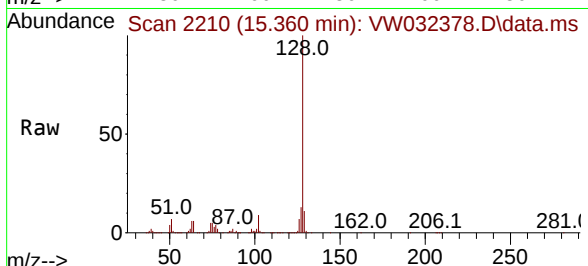


#95
Naphthalene
Concen: 53.140 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 542330

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.854 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032378.D
Acq: 20 Oct 2025 10:20

Tgt Ion:180 Resp: 211711

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	35.0	17.2	51.6

