

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032267.D
 Acq On : 26 Sep 2025 08:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	273367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	482464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	450604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	228628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	197933	45.856	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.720%
35) Dibromofluoromethane	7.898	113	164510	47.413	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.820%
50) Toluene-d8	10.324	98	594303	47.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.617	95	230736	48.917	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	86078	45.576	ug/l	90
3) Chloromethane	2.259	50	119798	44.322	ug/l	93
4) Vinyl Chloride	2.405	62	151797	48.067	ug/l	92
5) Bromomethane	2.826	94	107848	50.011	ug/l	90
6) Chloroethane	2.972	64	102963	48.114	ug/l	97
7) Trichlorofluoromethane	3.301	101	109500	46.018	ug/l	98
8) Diethyl Ether	3.722	74	109858	48.826	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	148289	48.823	ug/l	98
10) Methyl Iodide	4.307	142	202703	49.342	ug/l	99
11) Tert butyl alcohol	5.215	59	79568	265.562	ug/l	99
12) 1,1-Dichloroethene	4.082	96	160183	49.337	ug/l	95
13) Acrolein	3.929	56	123996	232.516	ug/l	97
14) Allyl chloride	4.703	41	258499	51.303	ug/l	98
15) Acrylonitrile	5.398	53	292239	252.193	ug/l	100
16) Acetone	4.155	43	325384	293.532	ug/l	99
17) Carbon Disulfide	4.417	76	364772	48.865	ug/l	99
18) Methyl Acetate	4.709	43	214945	56.380	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	320524	53.259	ug/l	99
20) Methylene Chloride	4.953	84	205186	51.435	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	172385	49.239	ug/l	92
22) Diisopropyl ether	6.337	45	578557	51.674	ug/l	97
23) Vinyl Acetate	6.282	43	1840304	255.497	ug/l	99
24) 1,1-Dichloroethane	6.246	63	344485	48.739	ug/l	99
25) 2-Butanone	7.191	43	423887	274.343	ug/l	95
26) 2,2-Dichloropropane	7.185	77	176026	50.540	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	215200	49.422	ug/l	98
28) Bromochloromethane	7.526	49	161529	47.894	ug/l #	99
29) Tetrahydrofuran	7.550	42	257687	256.896	ug/l	99
30) Chloroform	7.691	83	364637	49.446	ug/l	95
31) Cyclohexane	7.971	56	263836	47.339	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	247985	49.916	ug/l	99
36) 1,1-Dichloropropene	8.093	75	239541	51.207	ug/l	100
37) Ethyl Acetate	7.276	43	162215	52.286	ug/l	99
38) Carbon Tetrachloride	8.081	117	231586	52.620	ug/l	98
39) Methylcyclohexane	9.343	83	283447	52.366	ug/l	96
40) Benzene	8.337	78	746803	50.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	94359	53.104	ug/l	98
42) 1,2-Dichloroethane	8.410	62	241985	49.441	ug/l	99
43) Isopropyl Acetate	8.434	43	293555	52.858	ug/l	99
44) Trichloroethene	9.099	130	170853	49.641	ug/l	93
45) 1,2-Dichloropropane	9.373	63	195184	51.180	ug/l	100
46) Dibromomethane	9.465	93	120749	51.498	ug/l	99
47) Bromodichloromethane	9.654	83	274166	51.267	ug/l	99
48) Methyl methacrylate	9.440	41	143636	54.975	ug/l	97
49) 1,4-Dioxane	9.459	88	33972	1081.815	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	878888	266.913	ug/l	98
52) Toluene	10.391	92	458556	50.245	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	267381	54.570	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	303973	53.737	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	163071	50.952	ug/l	93
56) Ethyl methacrylate	10.647	69	232679	55.192	ug/l	97
57) 1,3-Dichloropropane	10.934	76	283280	51.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	656204	283.551	ug/l	100
59) 2-Hexanone	10.971	43	630581	280.431	ug/l	99
60) Dibromochloromethane	11.129	129	185228	52.698	ug/l	99
61) 1,2-Dibromoethane	11.239	107	156937	51.758	ug/l	98
64) Tetrachloroethene	10.867	164	139445	50.781	ug/l	95
65) Chlorobenzene	11.659	112	531675	51.224	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	173578	52.879	ug/l	98
67) Ethyl Benzene	11.726	91	909731	53.548	ug/l	99
68) m/p-Xylenes	11.836	106	686206	105.367	ug/l	99
69) o-Xylene	12.165	106	323859	52.914	ug/l	96
70) Styrene	12.178	104	588531	54.832	ug/l	100
71) Bromoform	12.348	173	97168	50.796	ug/l #	92
73) Isopropylbenzene	12.464	105	828790	52.083	ug/l	100
74) N-amyl acetate	12.269	43	267223	53.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	211052	50.585	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	259085	82.370	ug/l	41
77) Bromobenzene	12.745	156	194678	49.739	ug/l	88
78) n-propylbenzene	12.799	91	1038146	51.938	ug/l	100
79) 2-Chlorotoluene	12.891	91	620604	51.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	713060	52.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	67083	55.397	ug/l	99
82) 4-Chlorotoluene	12.982	91	662687	51.786	ug/l	97
83) tert-Butylbenzene	13.202	119	614580	54.015	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	728418	52.733	ug/l	95
85) sec-Butylbenzene	13.379	105	900981	52.732	ug/l	98
86) p-Isopropyltoluene	13.494	119	754293	53.306	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	384261	49.634	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	405802	51.309	ug/l	91
89) n-Butylbenzene	13.818	91	742768	52.305	ug/l	100
90) Hexachloroethane	14.086	117	140658	53.334	ug/l	99
91) 1,2-Dichlorobenzene	13.866	146	371954	51.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	35686	50.007	ug/l	99
93) 1,2,4-Trichlorobenzene	15.128	180	222241	51.725	ug/l	98
94) Hexachlorobutadiene	15.232	225	97379	49.349	ug/l	91
95) Naphthalene	15.360	128	558741	54.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	212802	53.266	ug/l	99

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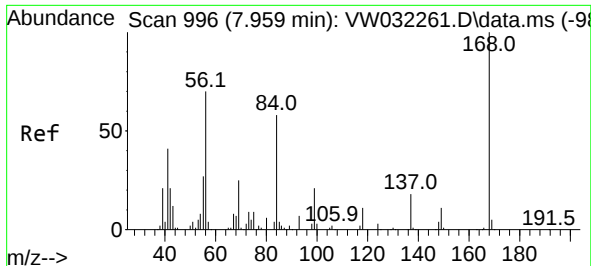
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QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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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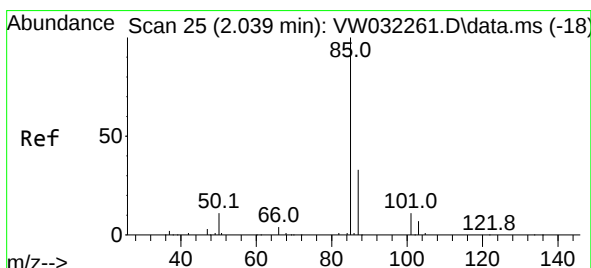
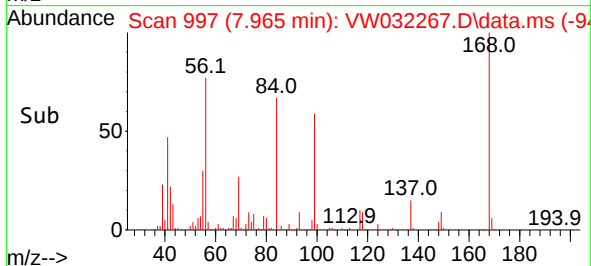
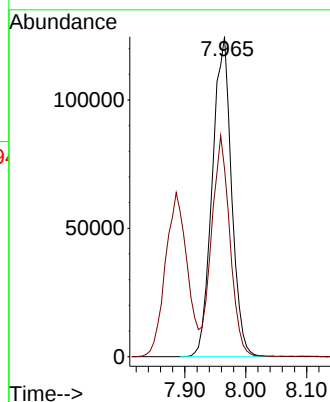
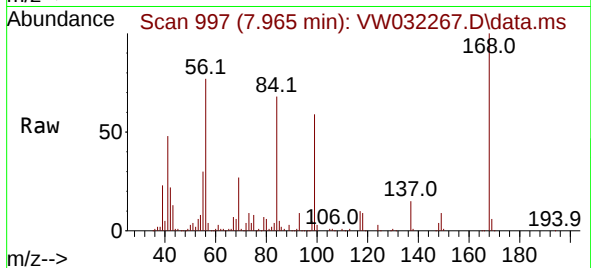




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032267.D
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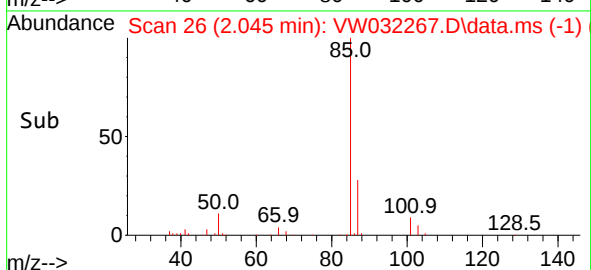
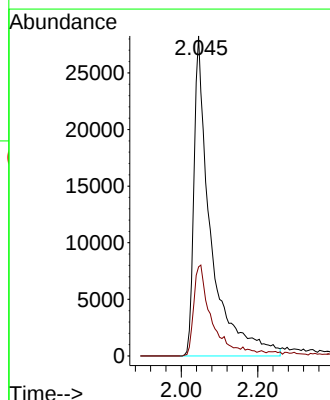
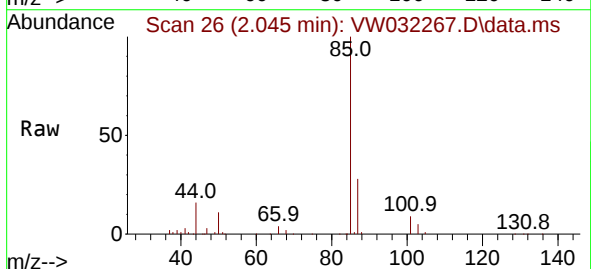
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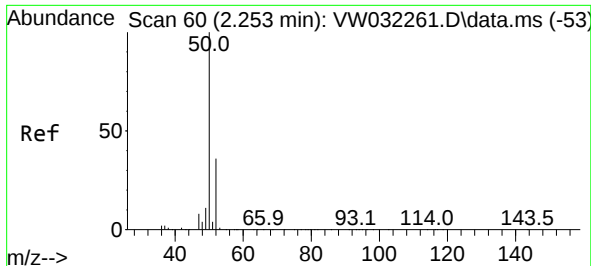
Tgt Ion:168 Resp: 273367
Ion Ratio Lower Upper
168 100
99 58.6 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 45.576 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 85 Resp: 86078
Ion Ratio Lower Upper
85 100
87 27.9 16.7 50.1

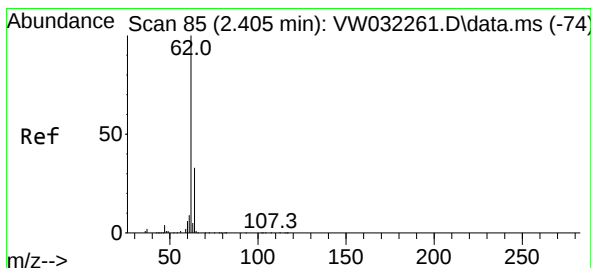
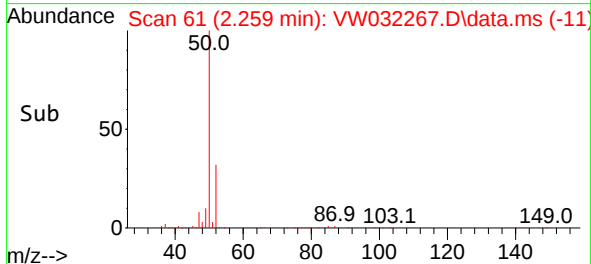
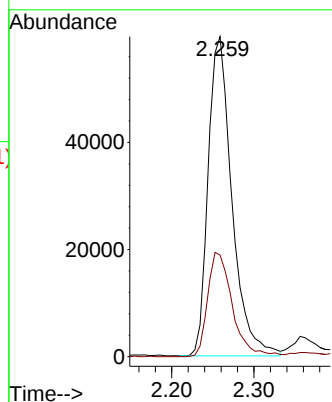
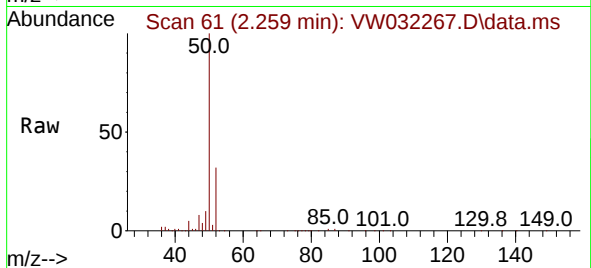




#3
Chloromethane
Concen: 44.322 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

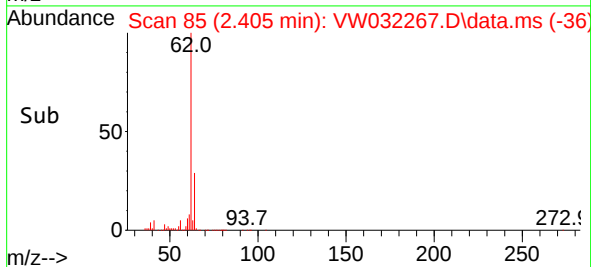
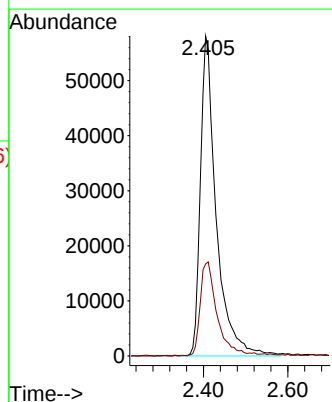
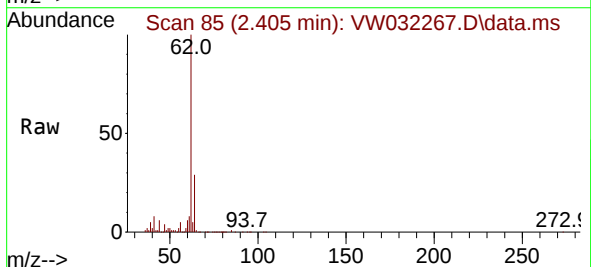
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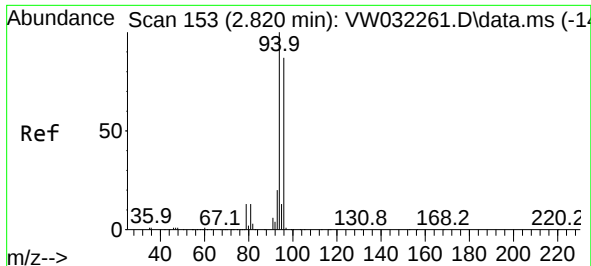
Tgt Ion: 50 Resp: 119798
Ion Ratio Lower Upper
50 100
52 31.8 28.9 43.3



#4
Vinyl Chloride
Concen: 48.067 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 62 Resp: 151797
Ion Ratio Lower Upper
62 100
64 28.6 26.2 39.4

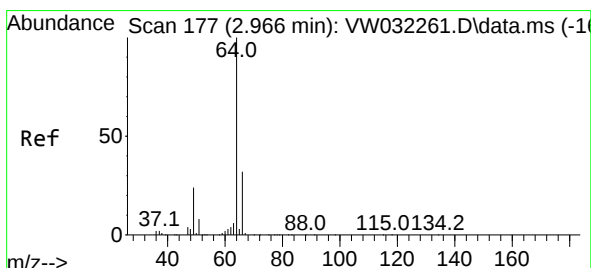
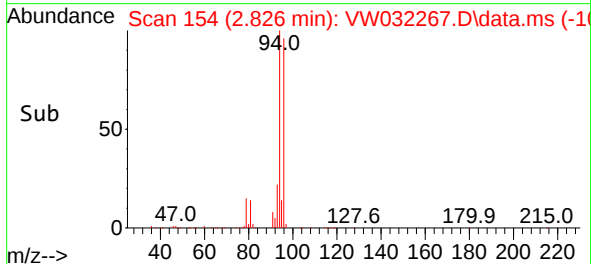
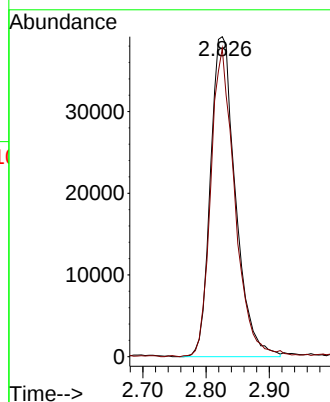
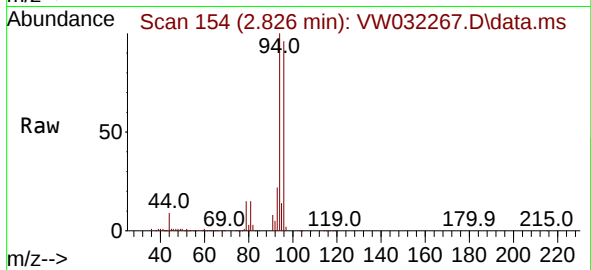




#5
Bromomethane
Concen: 50.011 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

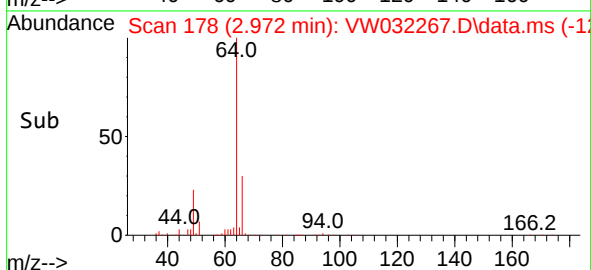
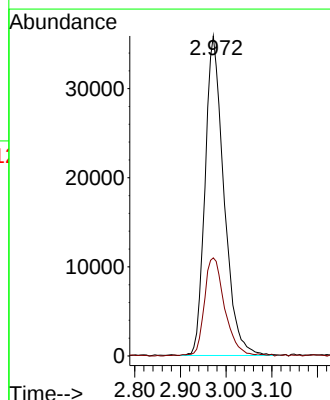
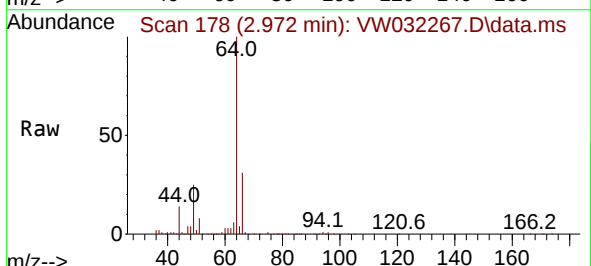
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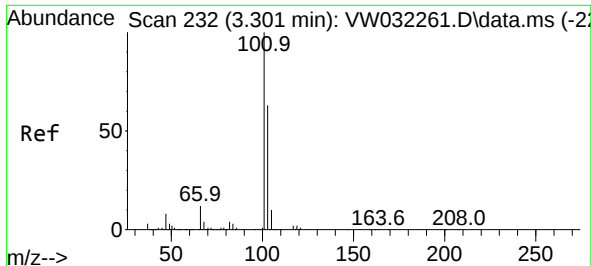
Tgt Ion: 94 Resp: 107848
Ion Ratio Lower Upper
94 100
96 96.3 70.0 105.0



#6
Chloroethane
Concen: 48.114 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 64 Resp: 102963
Ion Ratio Lower Upper
64 100
66 30.5 25.5 38.3

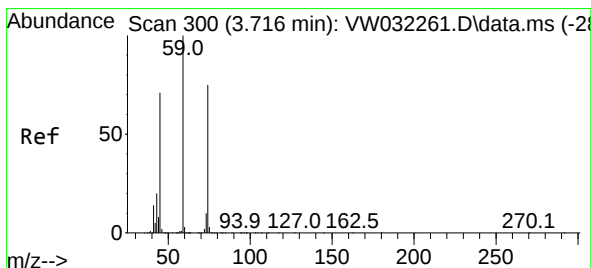
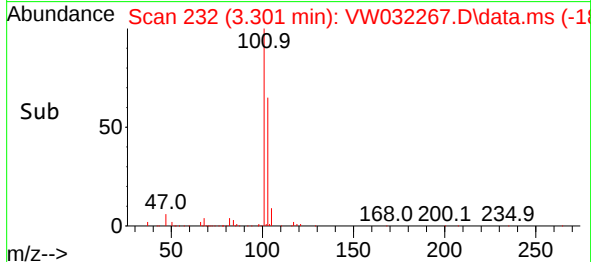
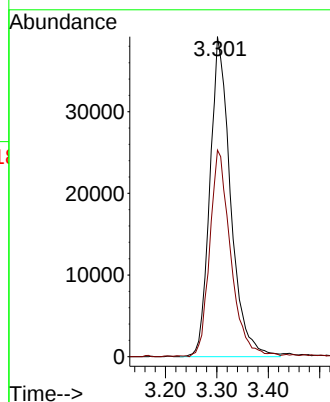
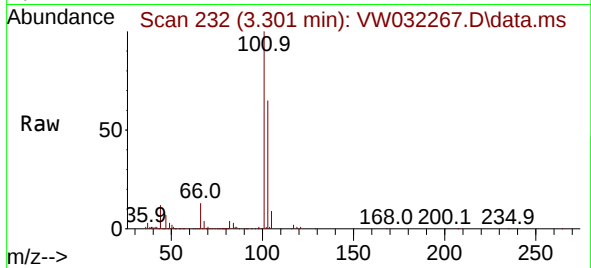




#7
 Trichlorofluoromethane
 Concen: 46.018 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

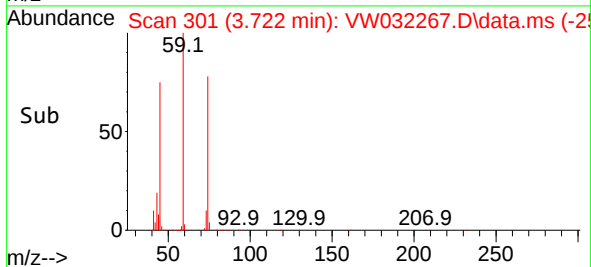
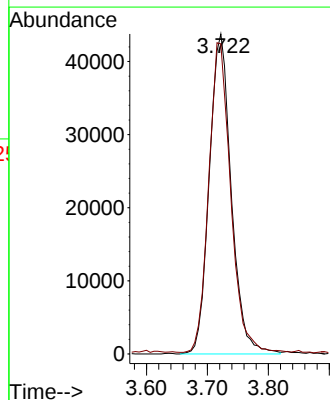
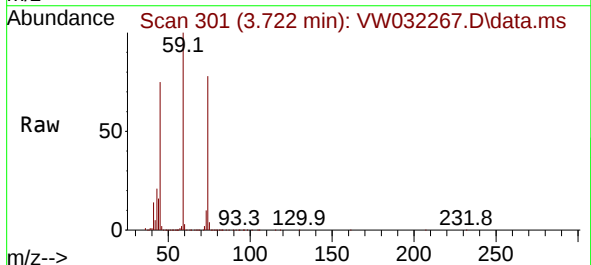
Instrument :
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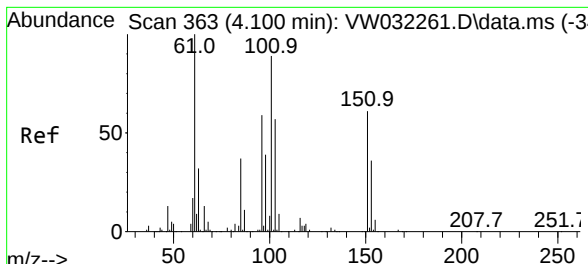
Tgt Ion:101 Resp: 109500
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.3 75.5



#8
 Diethyl Ether
 Concen: 48.826 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

Tgt Ion: 74 Resp: 109858
 Ion Ratio Lower Upper
 74 100
 45 96.4 49.0 147.2



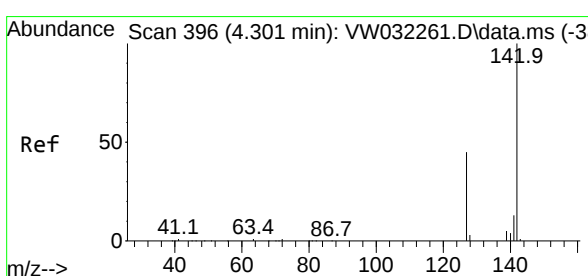
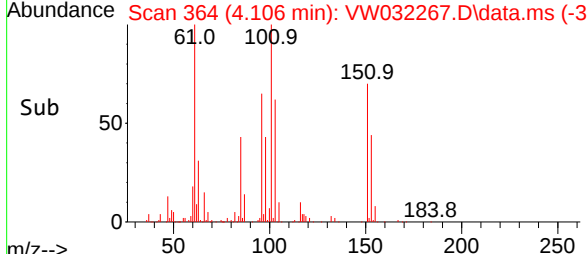
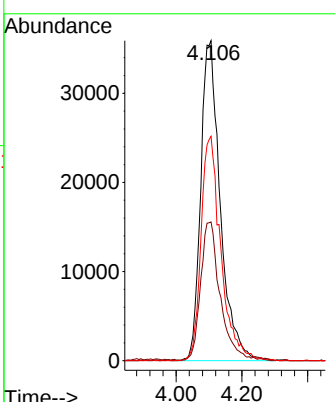
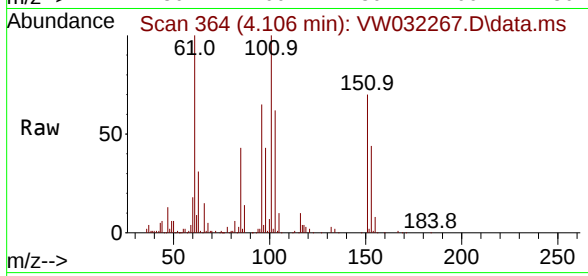


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.823 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

Instrument :
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Tgt Ion:101 Resp: 148289

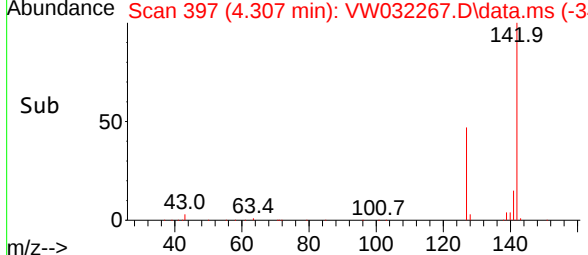
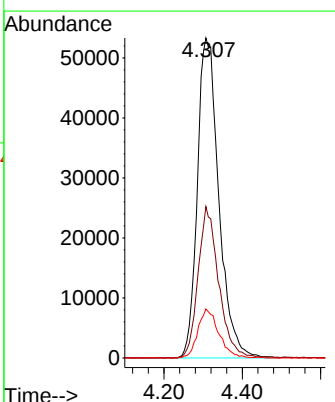
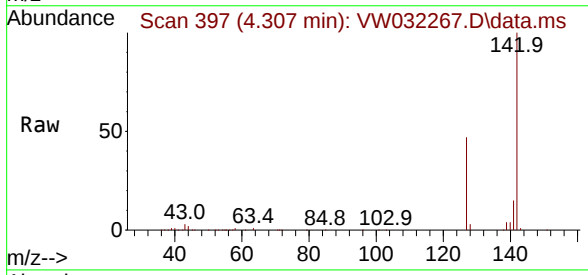
Ion	Ratio	Lower	Upper
101	100		
85	43.5	33.7	50.5
151	71.0	55.7	83.5

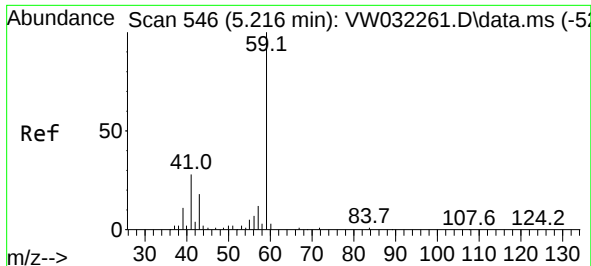


#10
 Methyl Iodide
 Concen: 49.342 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. 0.006 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

Tgt Ion:142 Resp: 202703

Ion	Ratio	Lower	Upper
142	100		
127	45.3	36.9	55.3
141	14.9	12.0	18.0

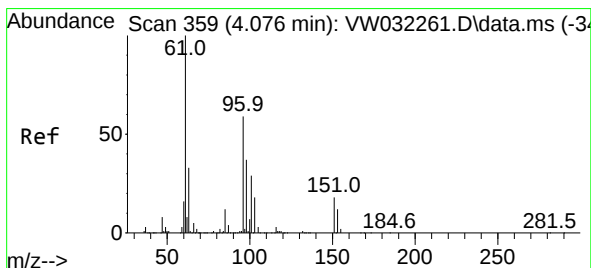
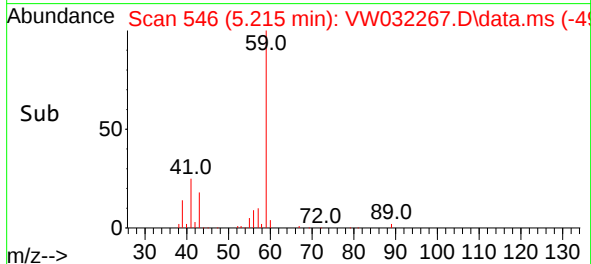
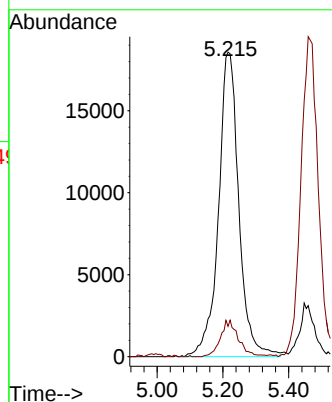
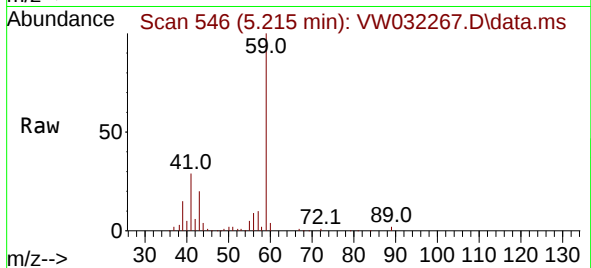




#11
Tert butyl alcohol
Concen: 265.562 ug/l
RT: 5.215 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

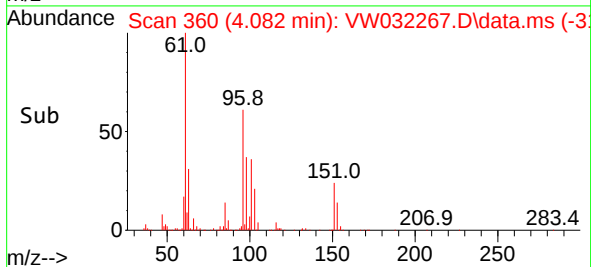
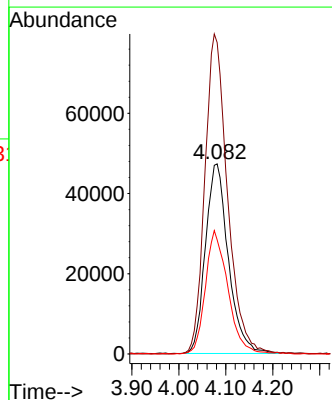
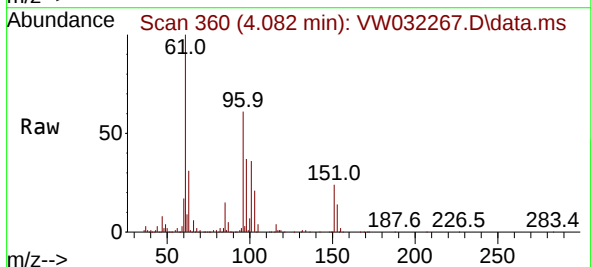
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

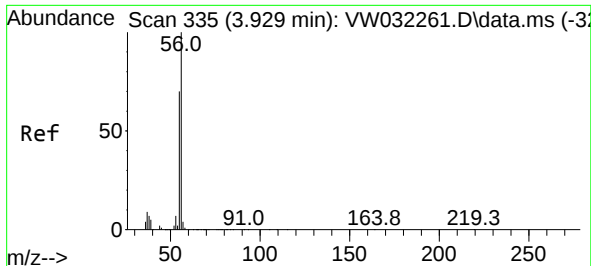
Tgt Ion: 59 Resp: 79568
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 49.337 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 96 Resp: 160183
Ion Ratio Lower Upper
96 100
61 164.0 136.3 204.5
98 60.0 50.7 76.1

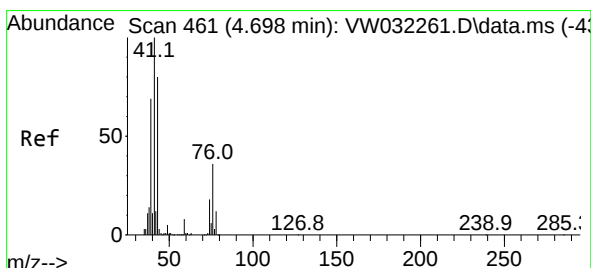
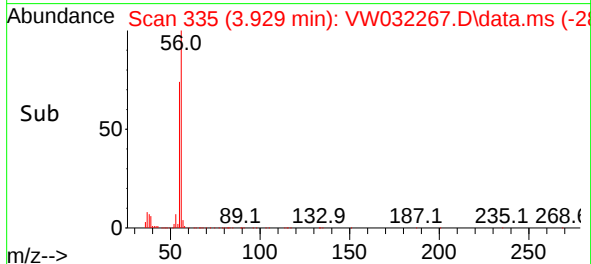
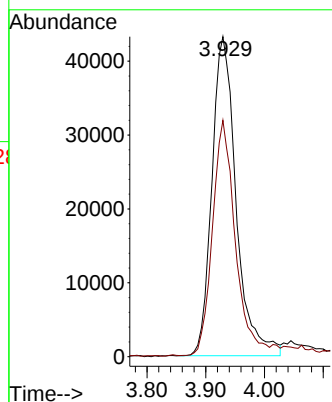
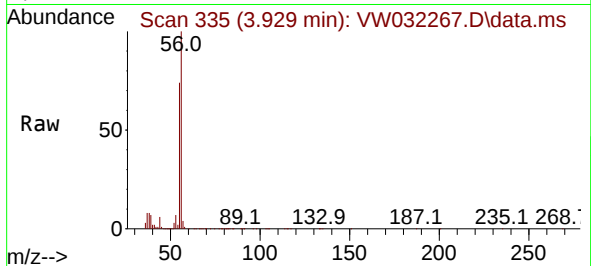




#13
Acrolein
Concen: 232.516 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

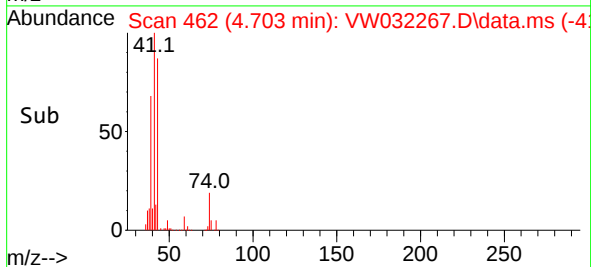
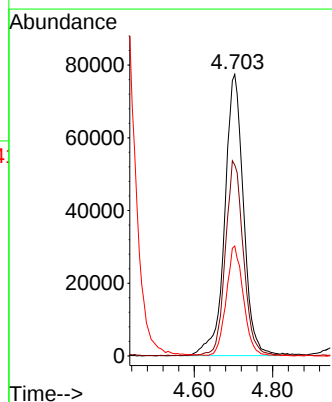
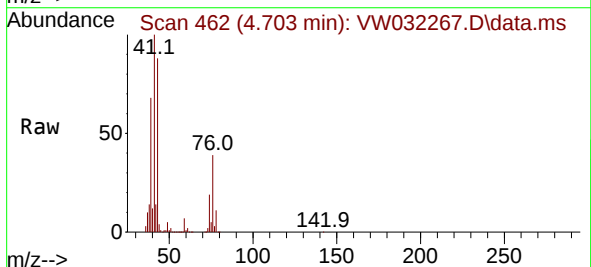
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

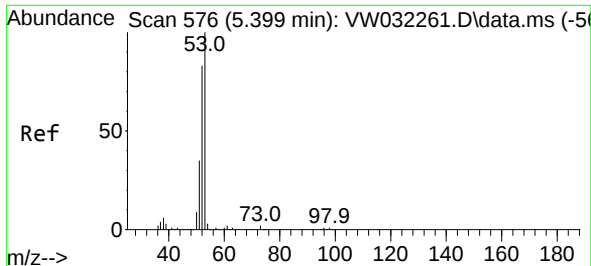
Tgt Ion: 56 Resp: 123996
Ion Ratio Lower Upper
56 100
55 69.2 53.2 79.8



#14
Allyl chloride
Concen: 51.303 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 41 Resp: 258499
Ion Ratio Lower Upper
41 100
39 66.2 54.3 81.5
76 35.3 28.7 43.1

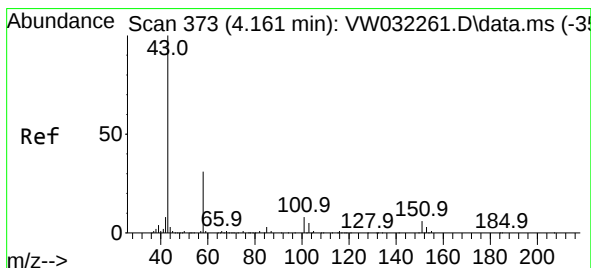
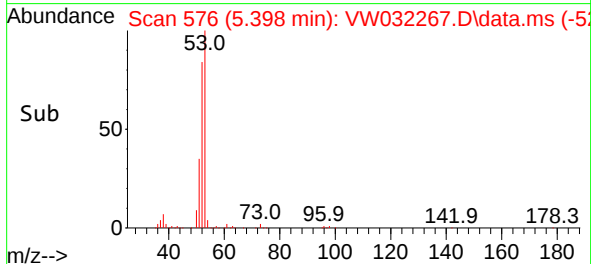
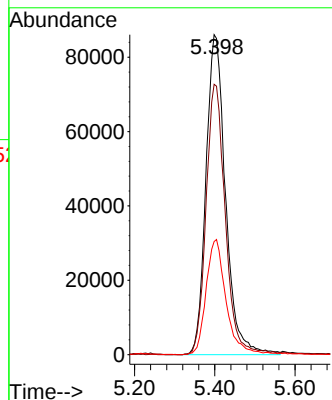
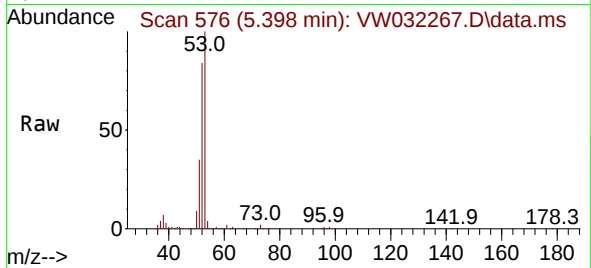




#15
Acrylonitrile
Concen: 252.193 ug/l
RT: 5.398 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

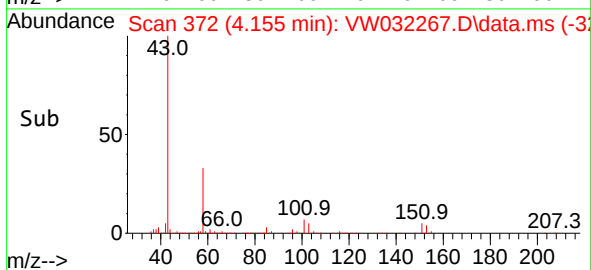
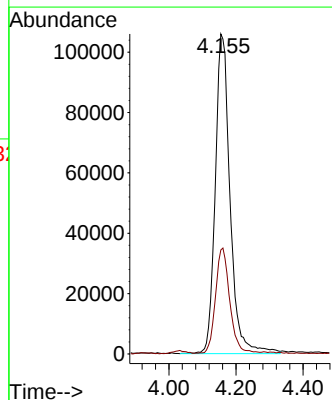
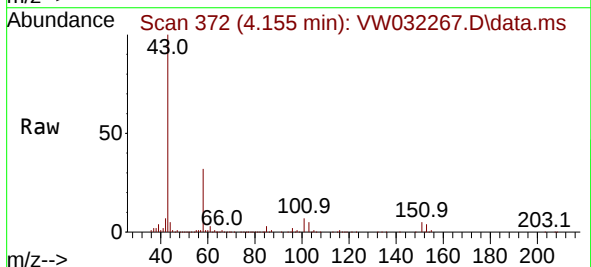
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

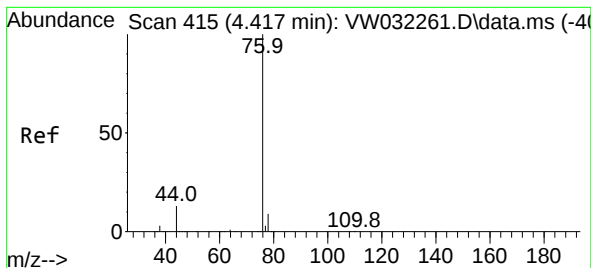
Tgt Ion: 53 Resp: 292239
Ion Ratio Lower Upper
53 100
52 83.0 66.3 99.5
51 36.5 29.6 44.4



#16
Acetone
Concen: 293.532 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 325384
Ion Ratio Lower Upper
43 100
58 32.0 25.4 38.0





#17

Carbon Disulfide

Concen: 48.865 ug/l

RT: 4.417 min Scan# 415

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

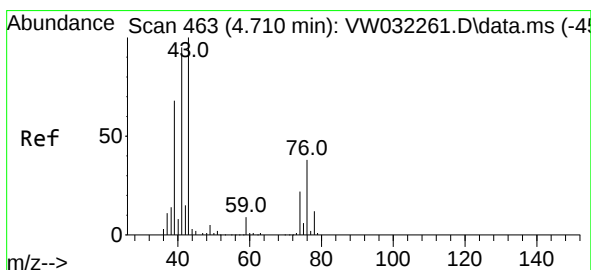
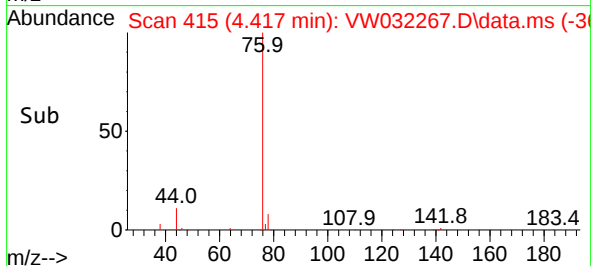
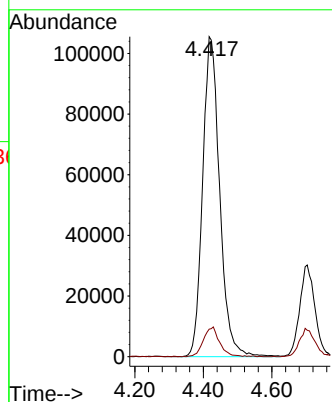
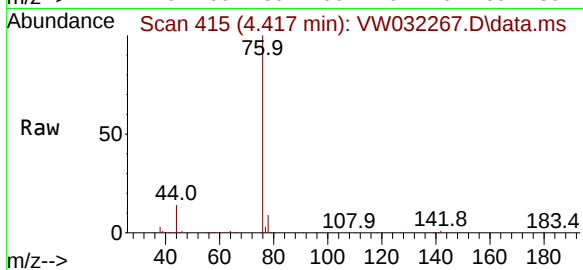
VSTDCCC050

Tgt Ion: 76 Resp: 364772

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 56.380 ug/l

RT: 4.709 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032267.D

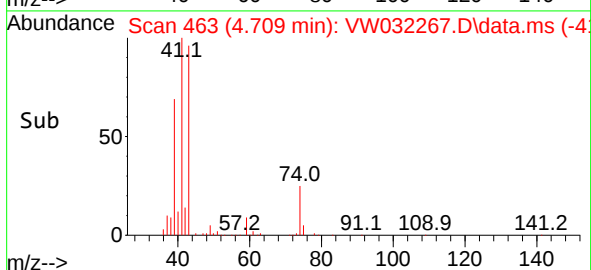
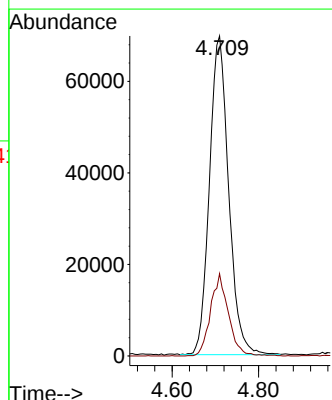
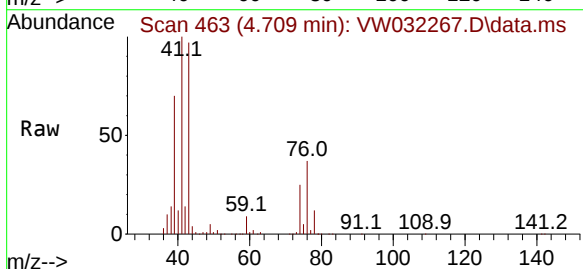
Acq: 26 Sep 2025 08:43

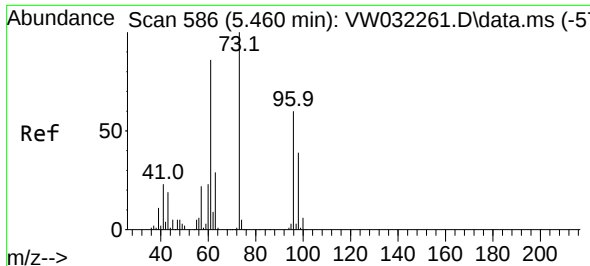
Tgt Ion: 43 Resp: 214945

Ion Ratio Lower Upper

43 100

74 24.0 18.8 28.2

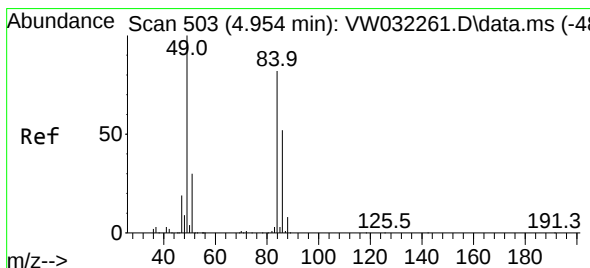
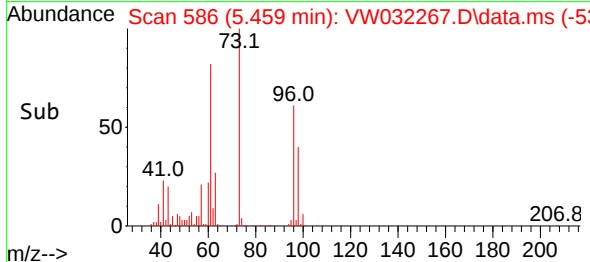
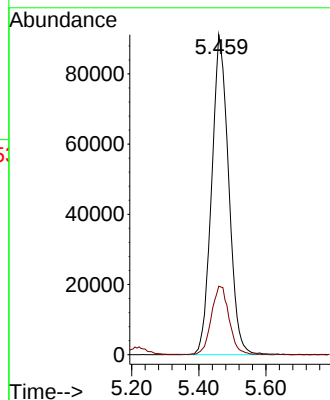
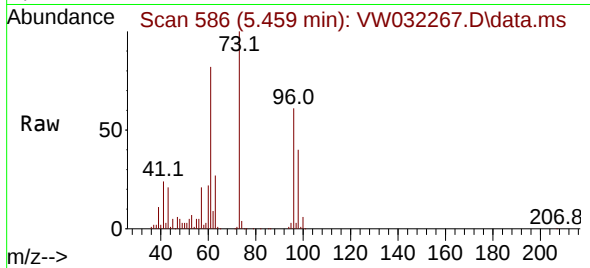




#19
Methyl tert-butyl Ether
Concen: 53.259 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

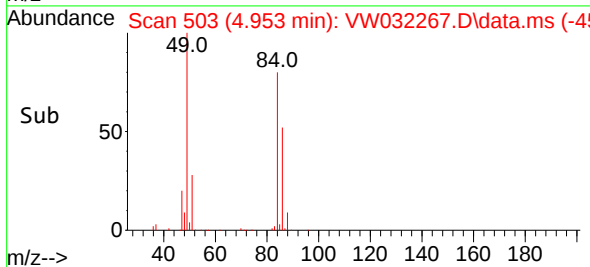
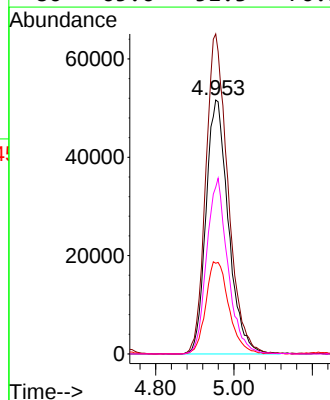
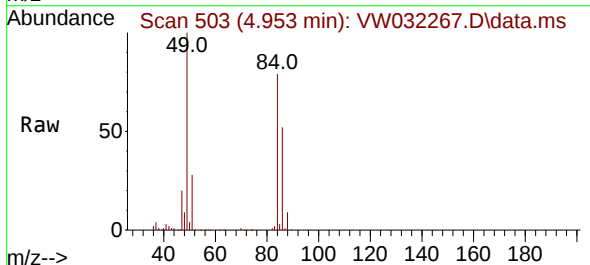
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

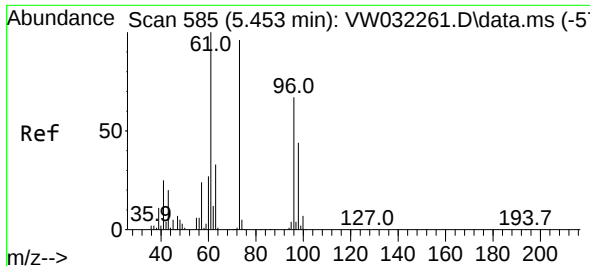
Tgt Ion: 73 Resp: 320524
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 51.435 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.001 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 84 Resp: 205186
Ion Ratio Lower Upper
84 100
49 126.0 97.8 146.6
51 35.6 29.9 44.9
86 65.6 51.3 76.9

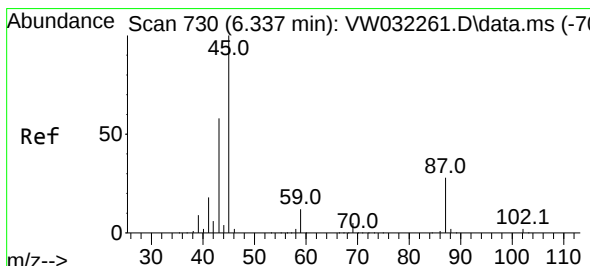
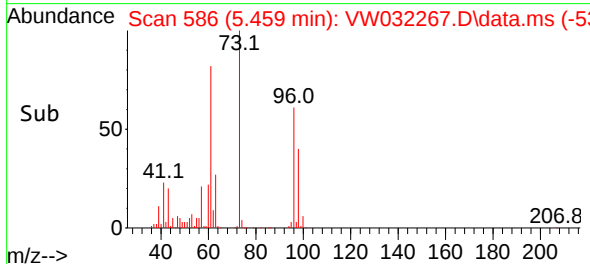
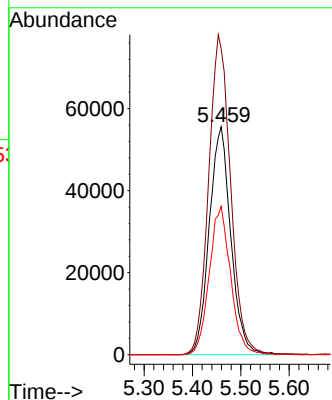
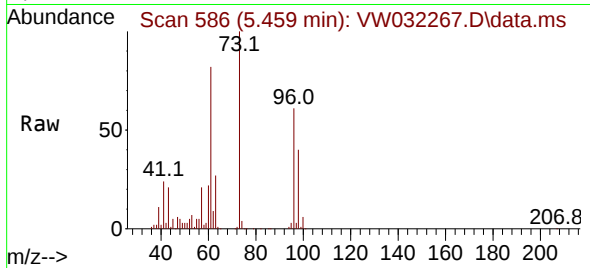




#21
trans-1,2-Dichloroethene
Concen: 49.239 ug/l
RT: 5.459 min Scan# 585
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

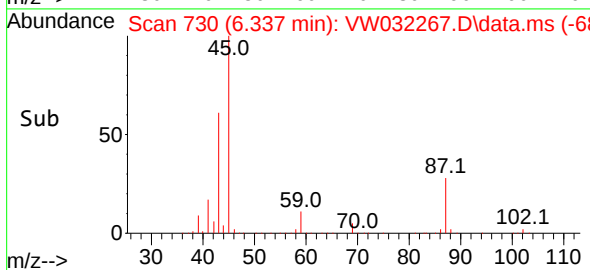
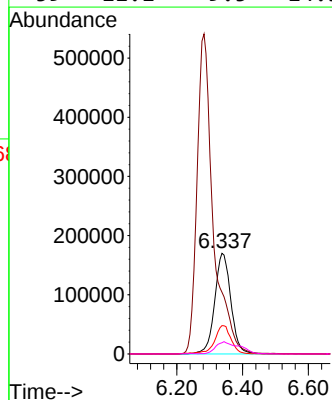
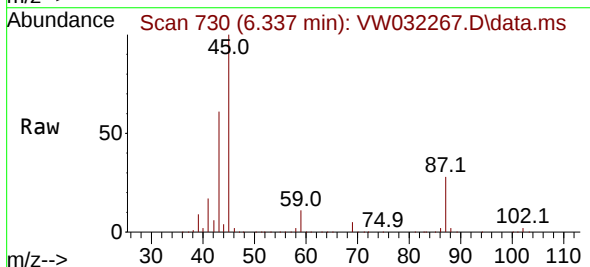
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

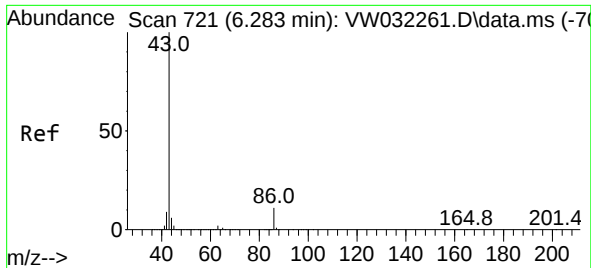
Tgt Ion: 96 Resp: 172385
Ion Ratio Lower Upper
96 100
61 134.2 119.2 178.8
98 65.1 52.5 78.7



#22
Diisopropyl ether
Concen: 51.674 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 45 Resp: 578557
Ion Ratio Lower Upper
45 100
43 61.3 46.2 69.4
87 28.1 22.2 33.2
59 11.1 9.5 14.3

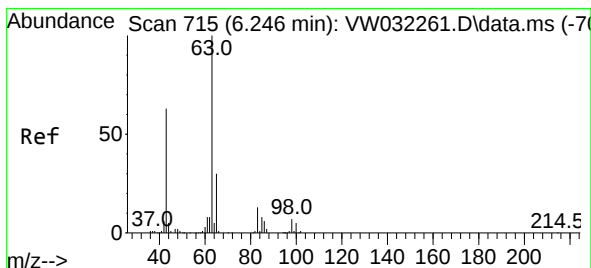
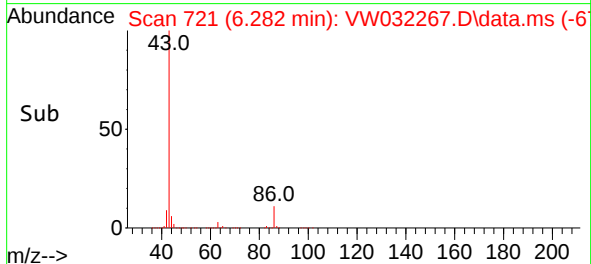
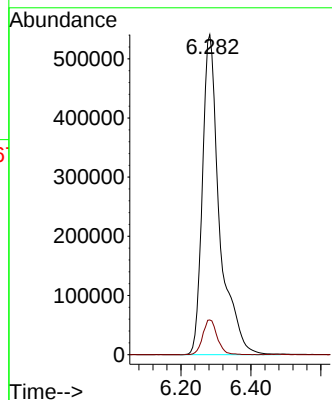
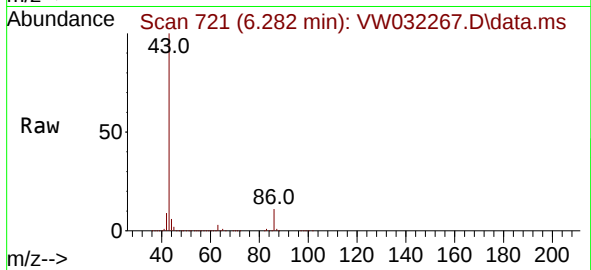




#23
 Vinyl Acetate
 Concen: 255.497 ug/l
 RT: 6.282 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

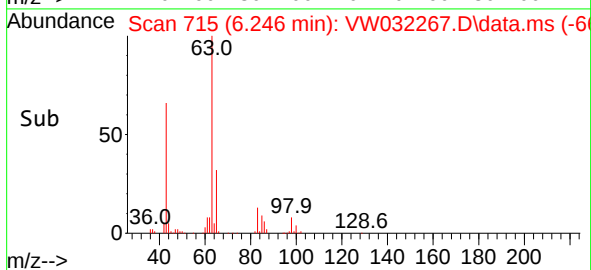
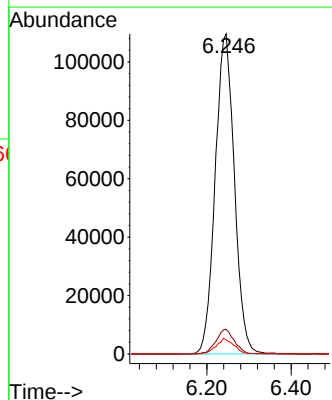
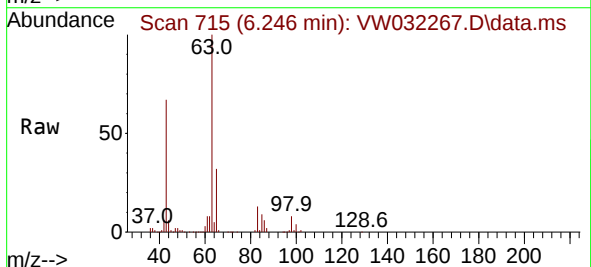
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

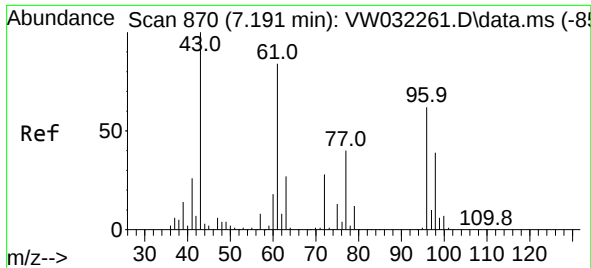
Tgt Ion: 43 Resp: 1840304
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 48.739 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

Tgt Ion: 63 Resp: 344485
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.4 2.4 7.1

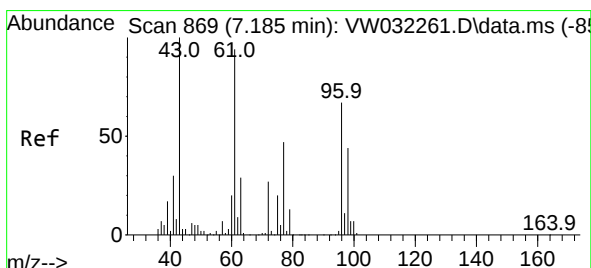
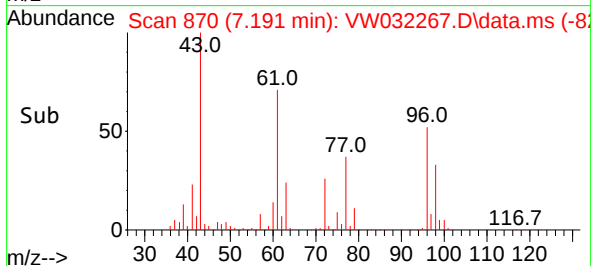
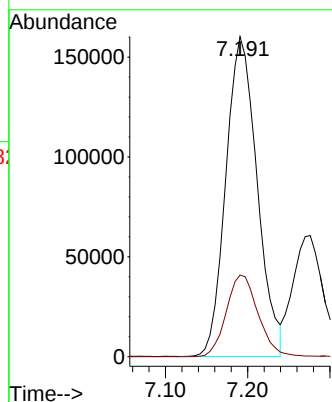
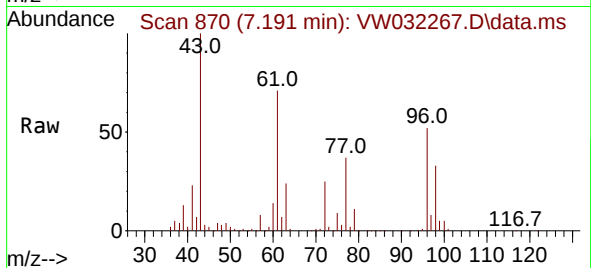




#25
2-Butanone
Concen: 274.343 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

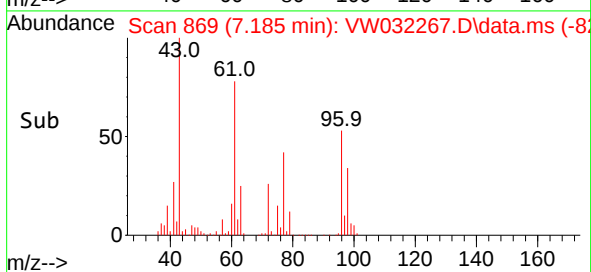
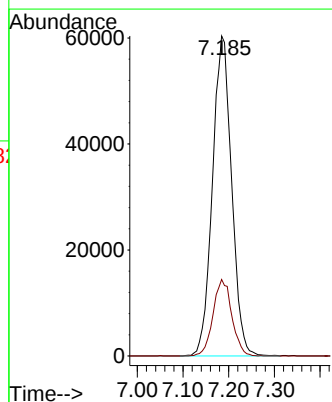
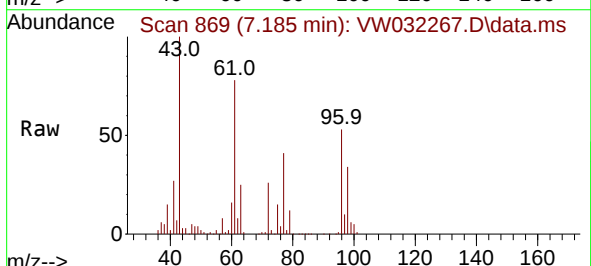
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

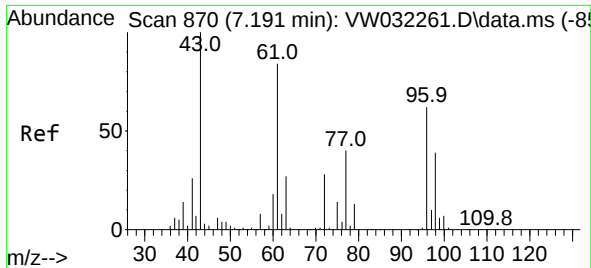
Tgt Ion: 43 Resp: 423887
Ion Ratio Lower Upper
43 100
72 25.5 22.3 33.5



#26
2,2-Dichloropropane
Concen: 50.540 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 77 Resp: 176026
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0

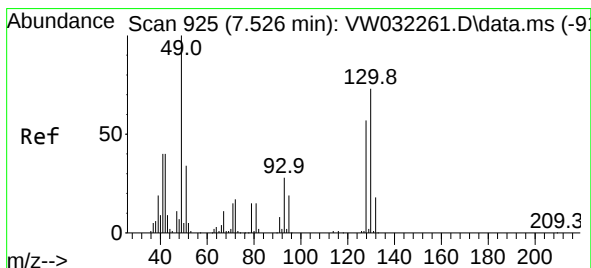
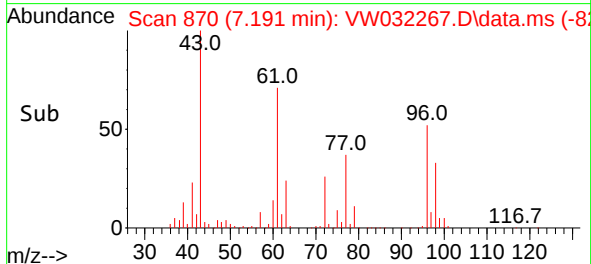
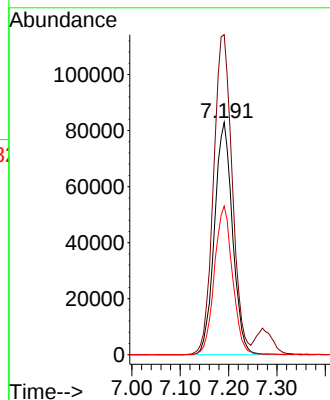
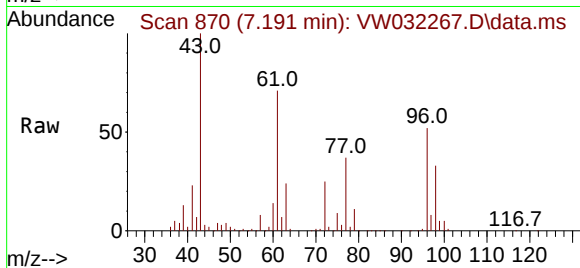




#27
 cis-1,2-Dichloroethene
 Concen: 49.422 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

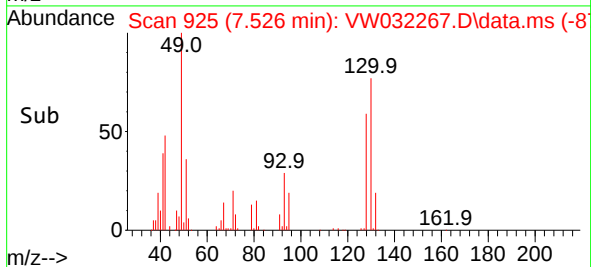
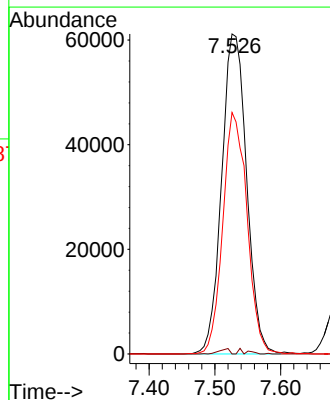
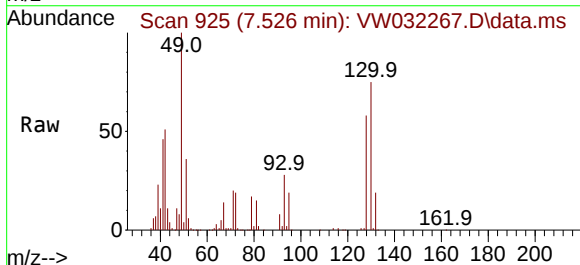
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

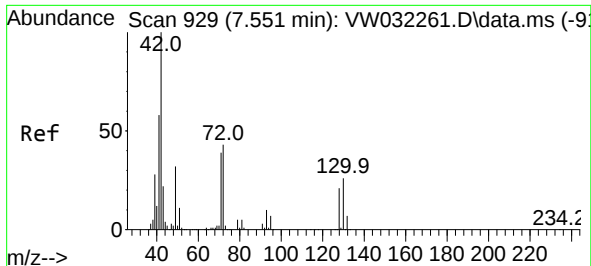
Tgt Ion: 96 Resp: 215200
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 281.8
 98 64.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 47.894 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.000 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

Tgt Ion: 49 Resp: 161529
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 2.2
 130 73.2 0.0 0.0#





#29

Tetrahydrofuran

Concen: 256.896 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

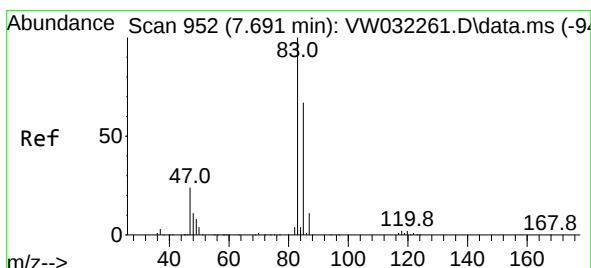
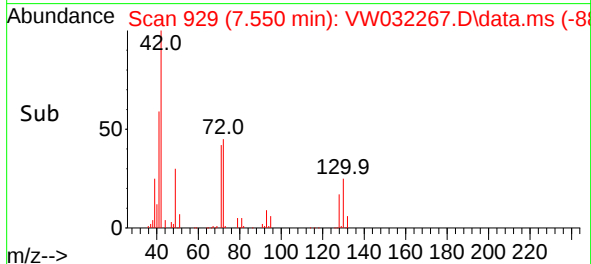
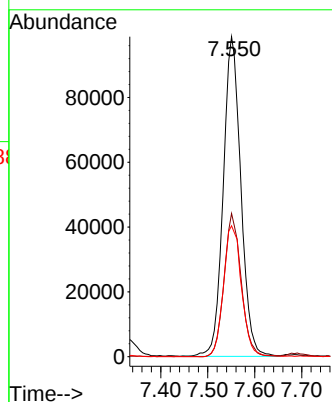
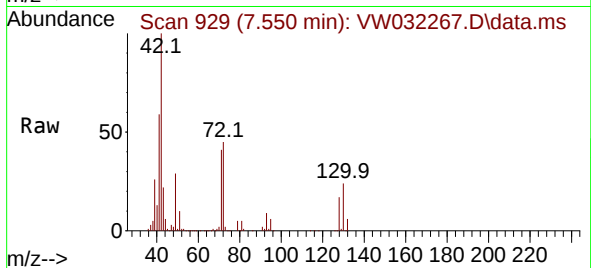
Tgt Ion: 42 Resp: 257687

Ion Ratio Lower Upper

42 100

72 43.5 35.1 52.7

71 42.0 33.3 49.9



#30

Chloroform

Concen: 49.446 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032267.D

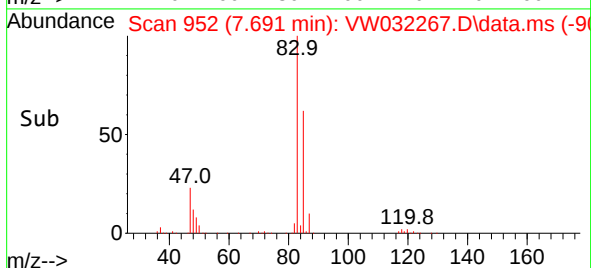
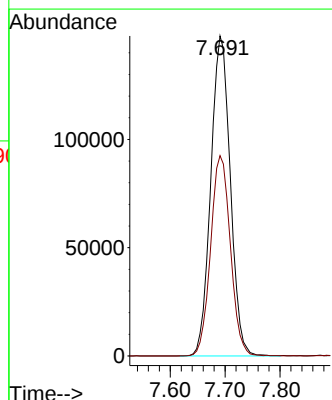
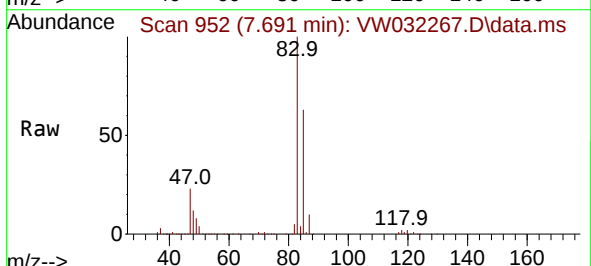
Acq: 26 Sep 2025 08:43

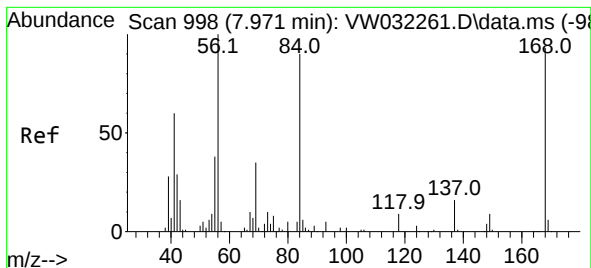
Tgt Ion: 83 Resp: 364637

Ion Ratio Lower Upper

83 100

85 62.6 53.3 79.9





#31

Cyclohexane

Concen: 47.339 ug/l

RT: 7.971 min Scan# 998

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

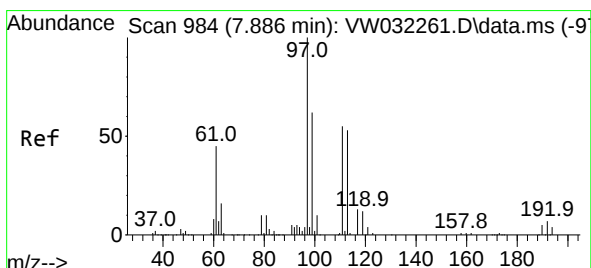
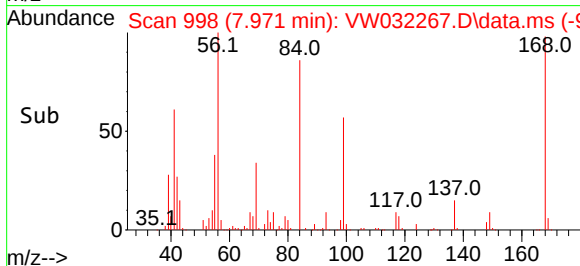
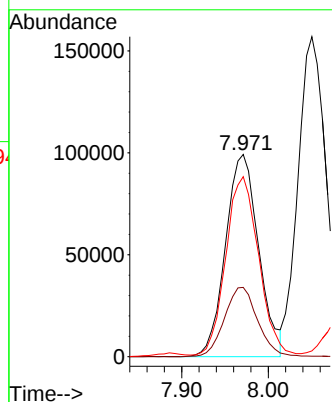
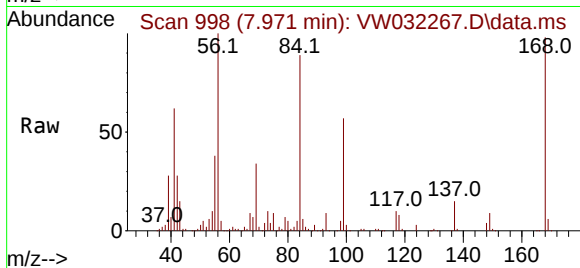
Tgt Ion: 56 Resp: 263836

Ion Ratio Lower Upper

56 100

69 34.3 28.2 42.2

84 87.9 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 49.916 ug/l

RT: 7.886 min Scan# 984

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

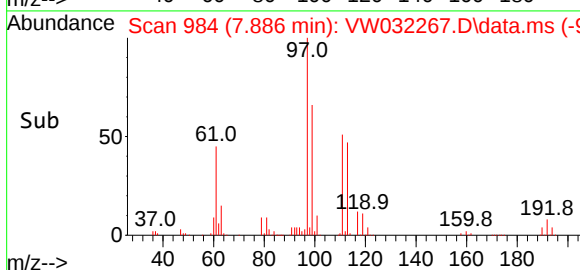
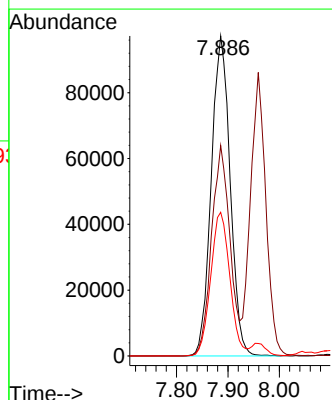
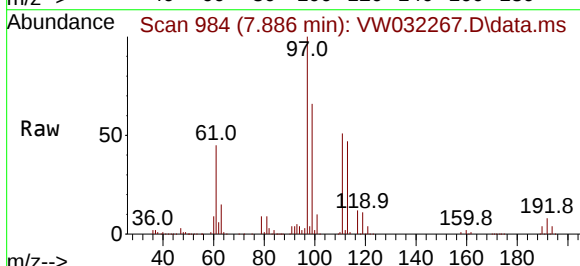
Tgt Ion: 97 Resp: 247985

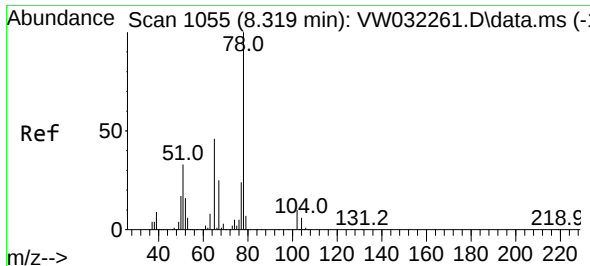
Ion Ratio Lower Upper

97 100

99 64.0 50.6 76.0

61 45.9 36.2 54.4

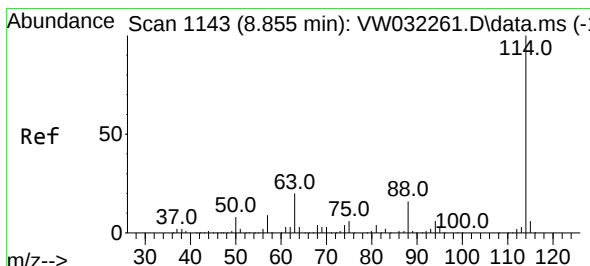
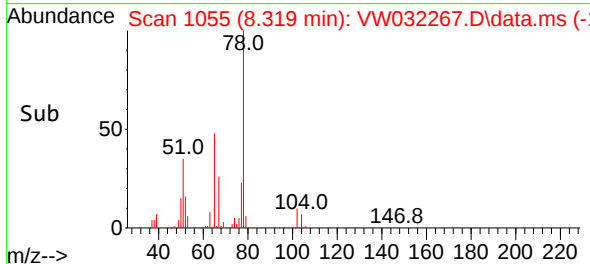
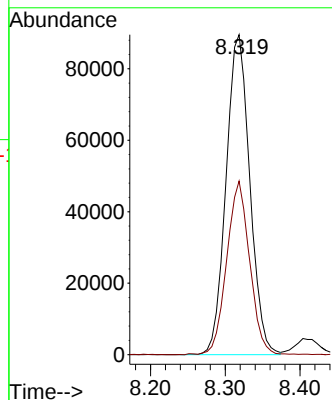
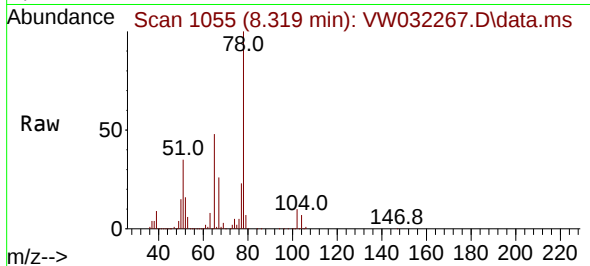




#33
 1,2-Dichloroethane-d4
 Concen: 45.856 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

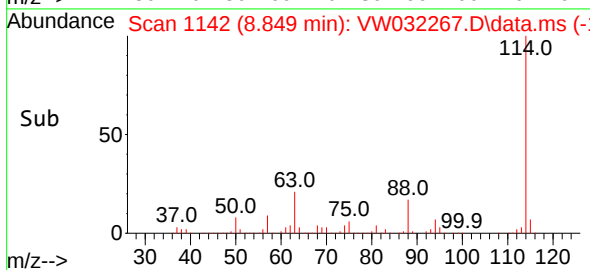
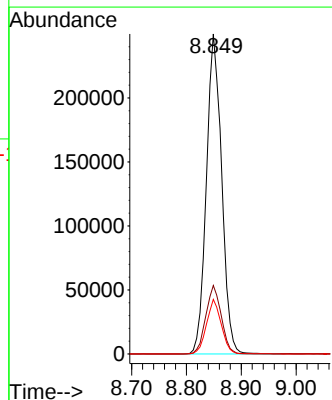
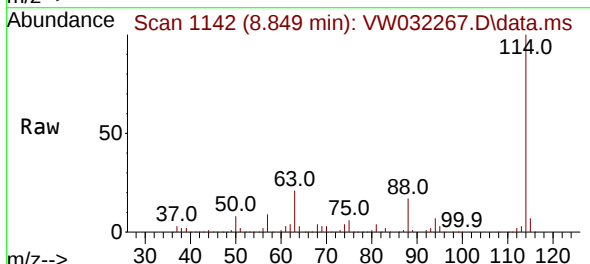
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

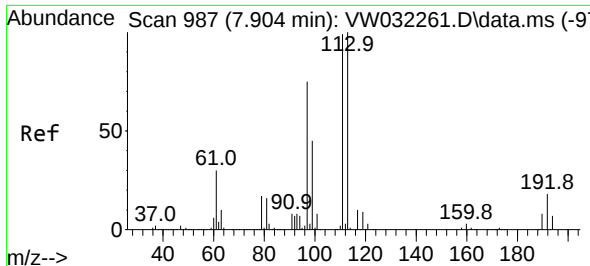
Tgt Ion: 65 Resp: 197933
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032267.D
 Acq: 26 Sep 2025 08:43

Tgt Ion: 114 Resp: 482464
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 17.1 0.0 32.0

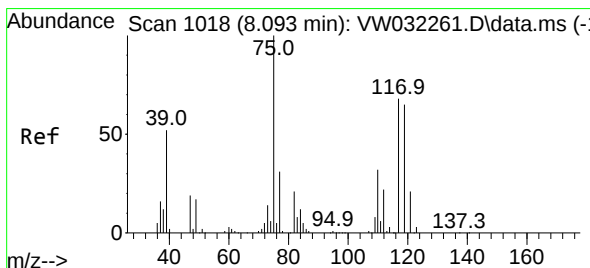
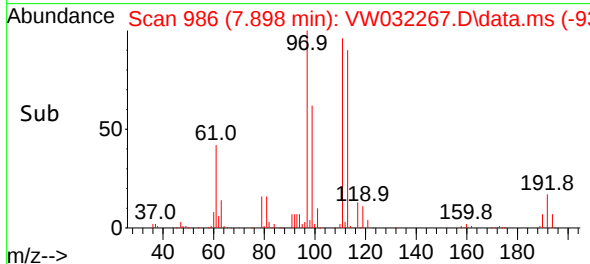
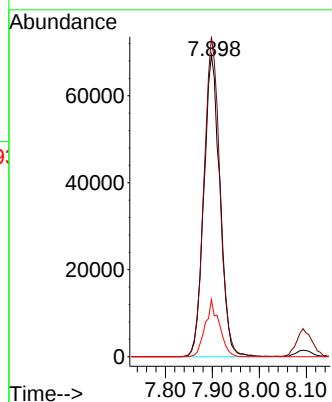
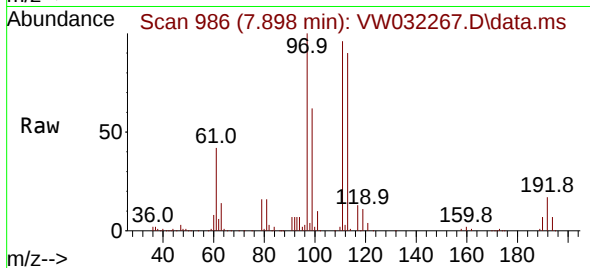




#35
Dibromofluoromethane
Concen: 47.413 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

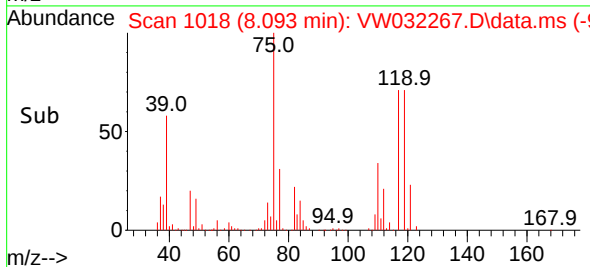
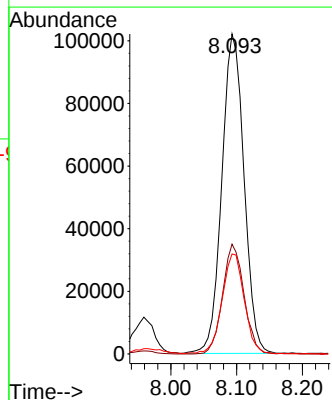
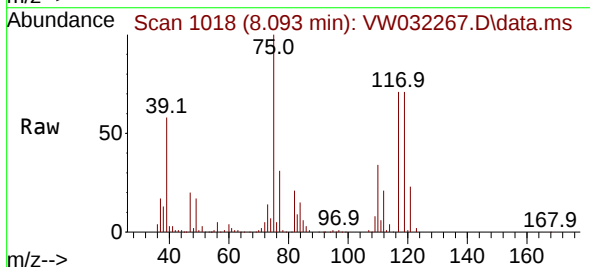
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

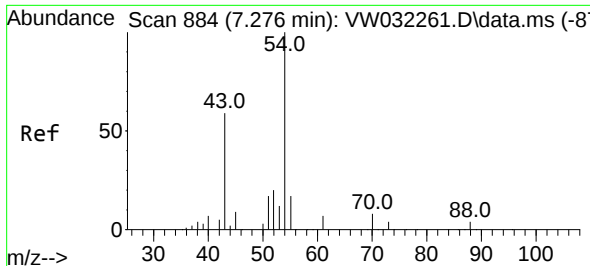
Tgt Ion:113 Resp: 164510
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.8
192 16.6 13.0 19.4



#36
1,1-Dichloropropene
Concen: 51.207 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 239541
Ion Ratio Lower Upper
75 100
110 33.1 16.7 50.1
77 31.5 25.2 37.8

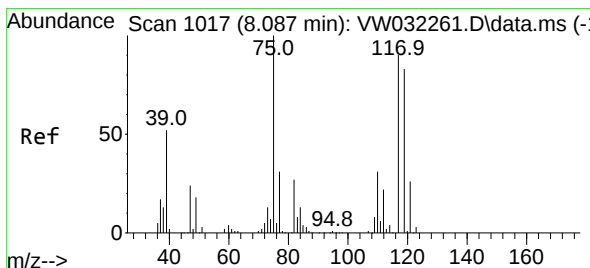
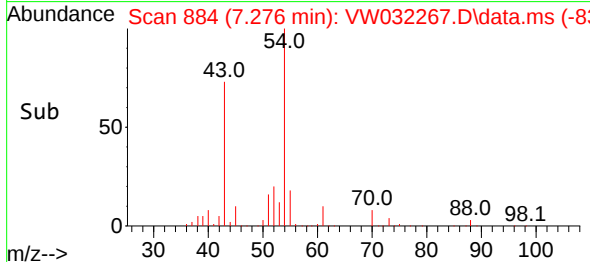
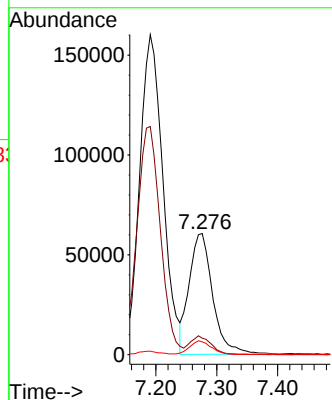
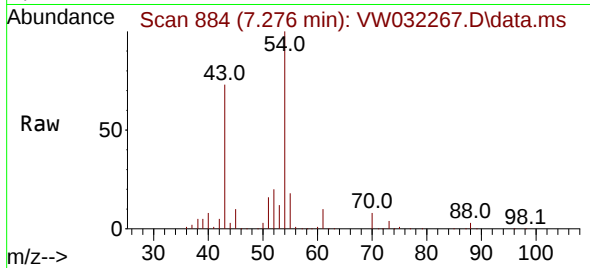




#37
Ethyl Acetate
Concen: 52.286 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

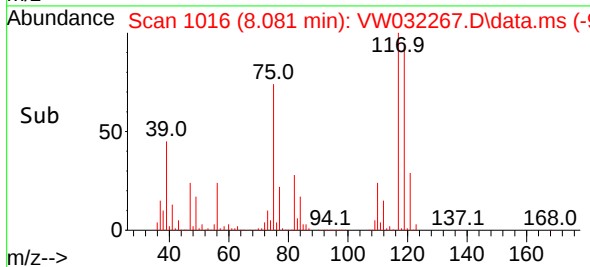
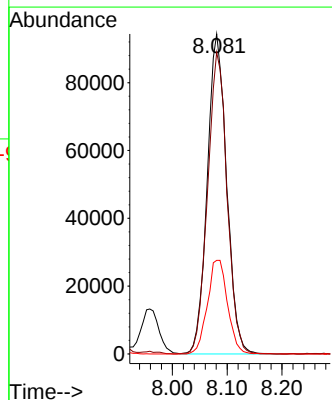
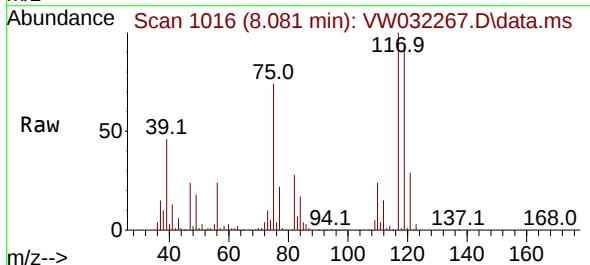
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

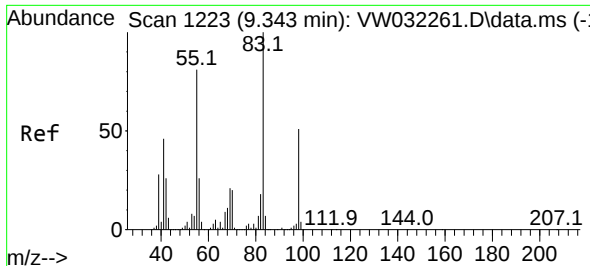
Tgt Ion: 43 Resp: 162215
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 52.620 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 117 Resp: 231586
Ion Ratio Lower Upper
117 100
119 94.2 73.9 110.9
121 29.2 23.0 34.6

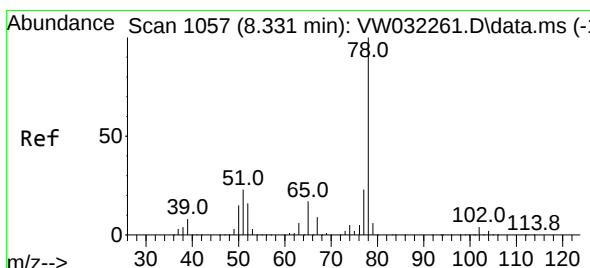
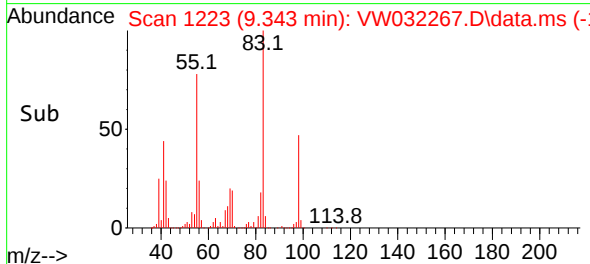
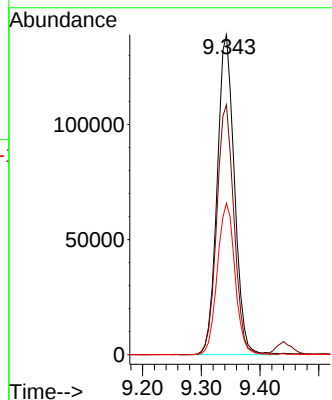
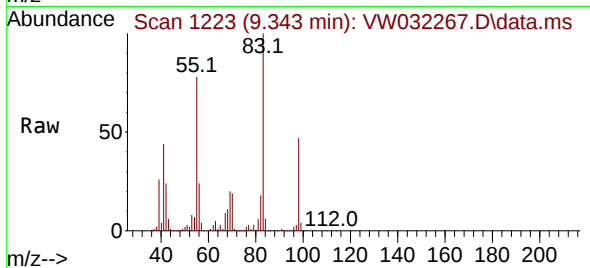




#39
Methylcyclohexane
Concen: 52.366 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

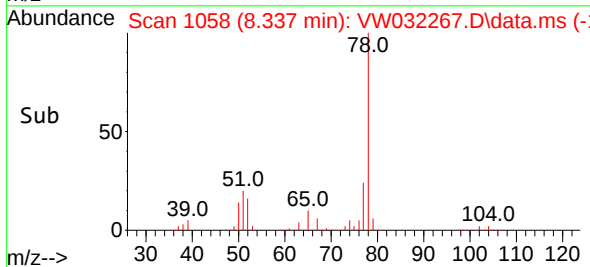
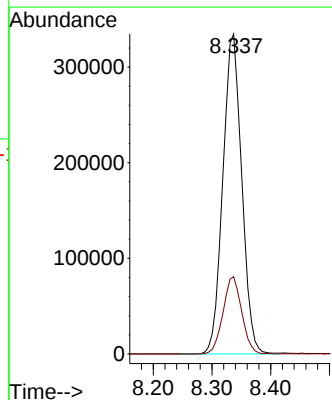
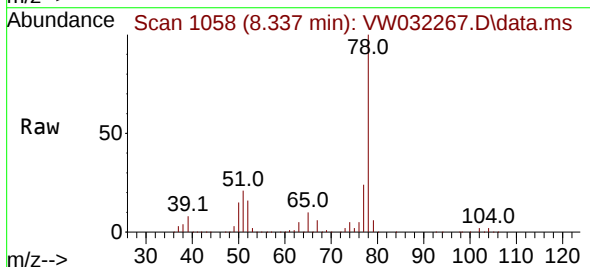
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

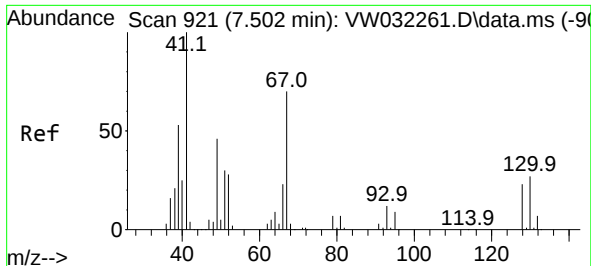
Tgt Ion: 83 Resp: 283447
Ion Ratio Lower Upper
83 100
55 78.0 65.0 97.6
98 47.4 40.8 61.2



#40
Benzene
Concen: 50.718 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 78 Resp: 746803
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

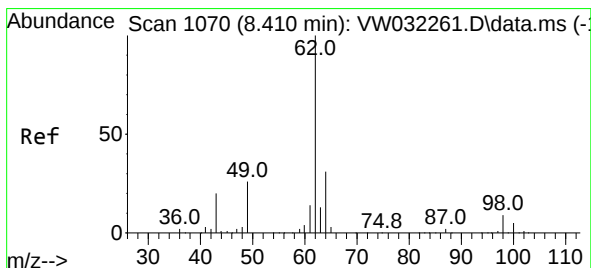
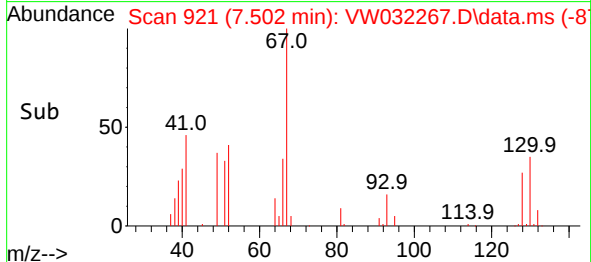
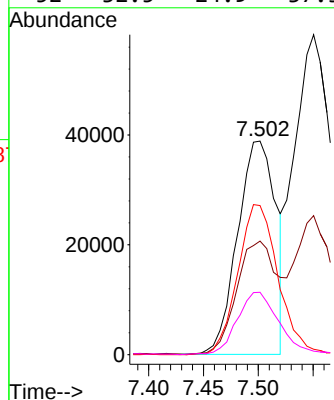
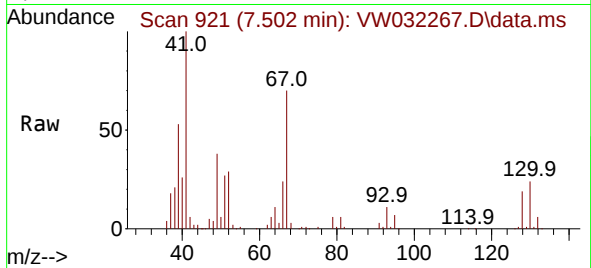




#41
Methacrylonitrile
Concen: 53.104 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

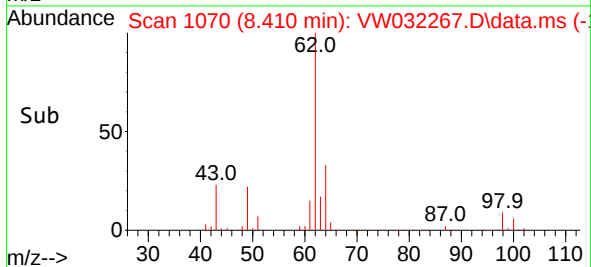
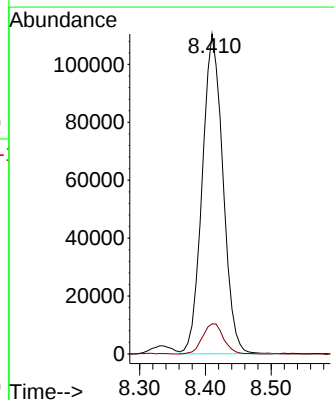
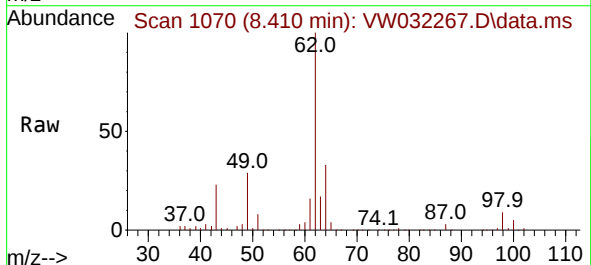
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

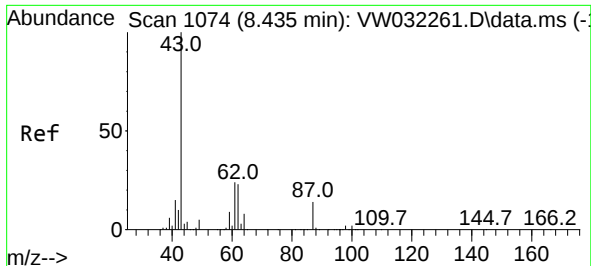
Tgt Ion:	41	Resp:	94359
Ion	Ratio	Lower	Upper
41	100		
39	60.2	46.9	70.3
67	74.5	59.0	88.4
52	32.5	24.9	37.3



#42
1,2-Dichloroethane
Concen: 49.441 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:	62	Resp:	241985
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4

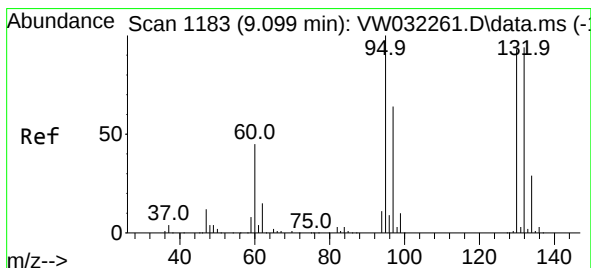
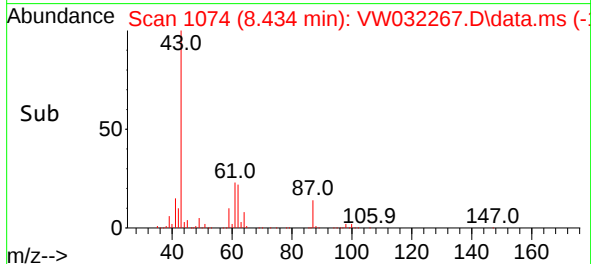
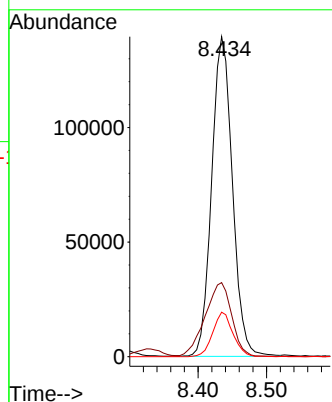
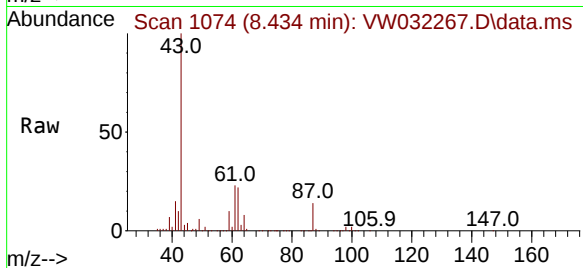




#43
Isopropyl Acetate
Concen: 52.858 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

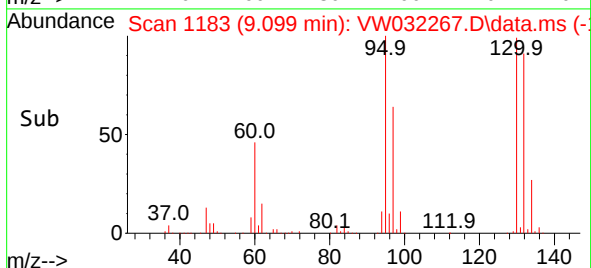
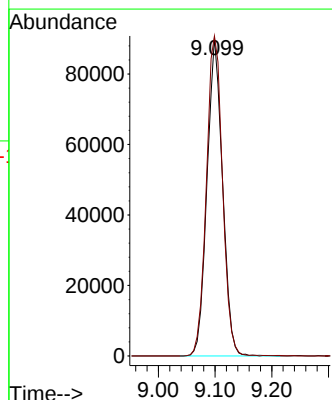
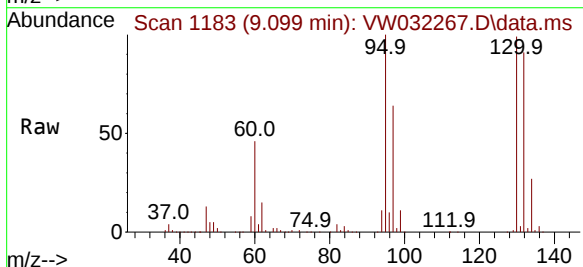
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

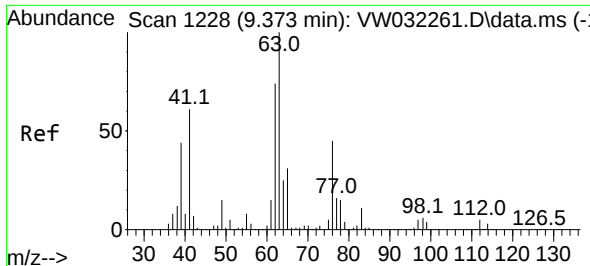
Tgt Ion: 43 Resp: 293555
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.2
87 13.6 10.6 16.0



#44
Trichloroethene
Concen: 49.641 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:130 Resp: 170853
Ion Ratio Lower Upper
130 100
95 100.5 0.0 215.2





#45

1,2-Dichloropropane

Concen: 51.180 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

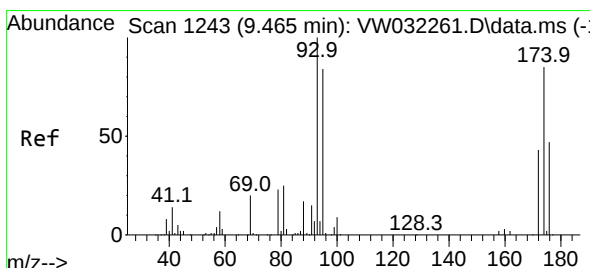
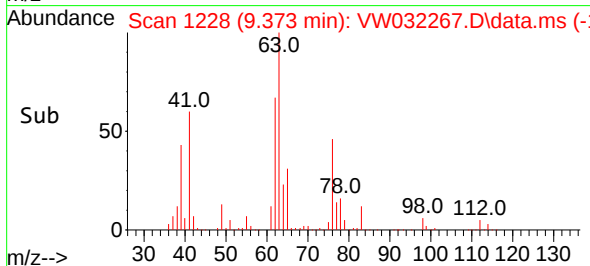
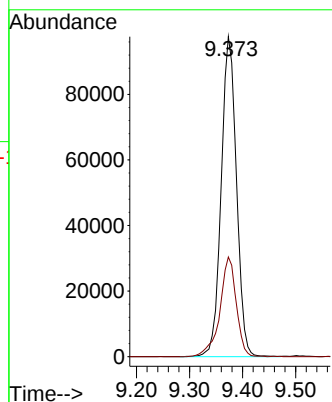
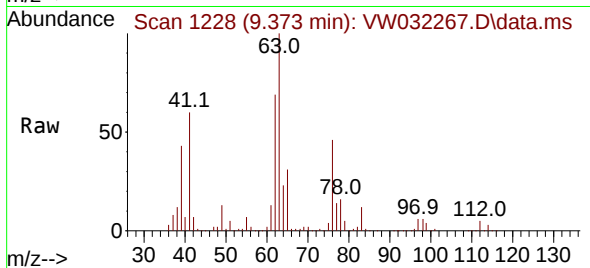
VSTDCCC050

Tgt Ion: 63 Resp: 195184

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 51.498 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

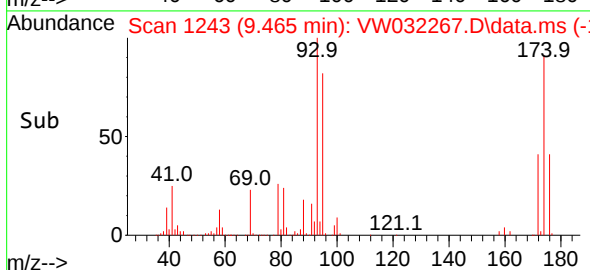
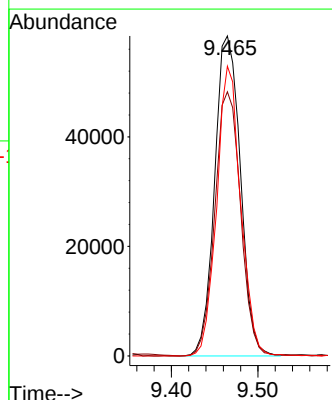
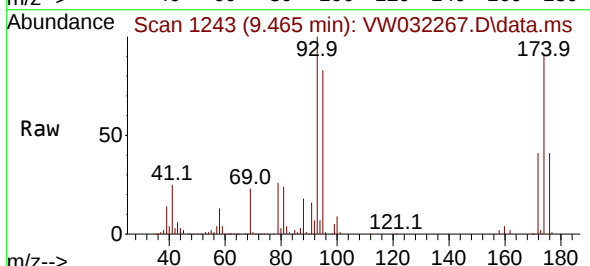
Tgt Ion: 93 Resp: 120749

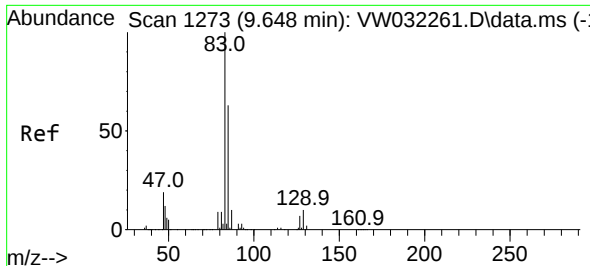
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 84.3 69.0 103.6

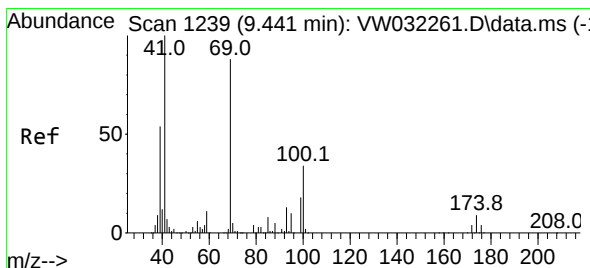
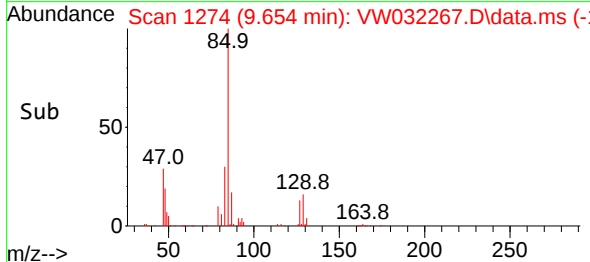
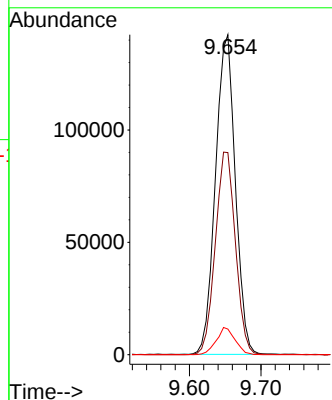
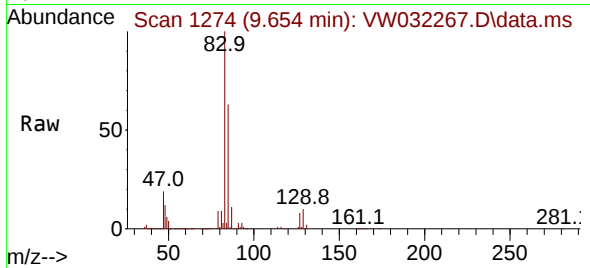




#47
Bromodichloromethane
Concen: 51.267 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

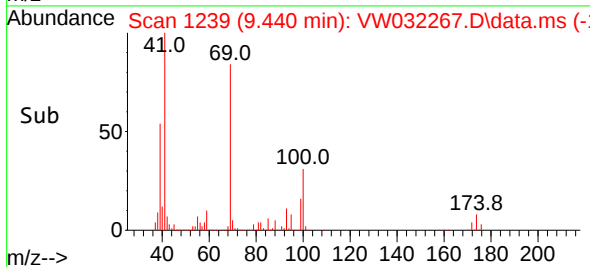
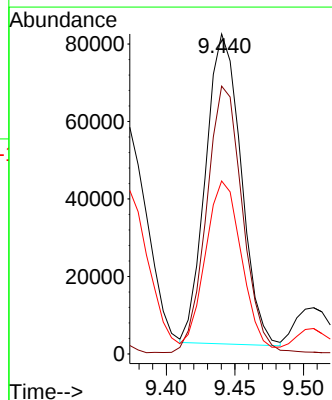
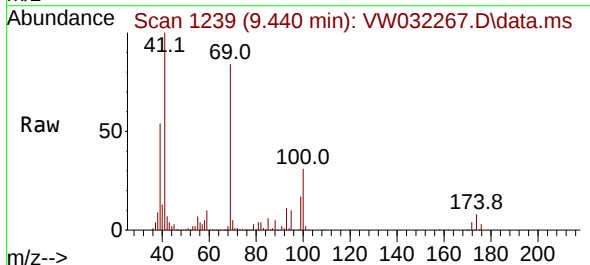
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

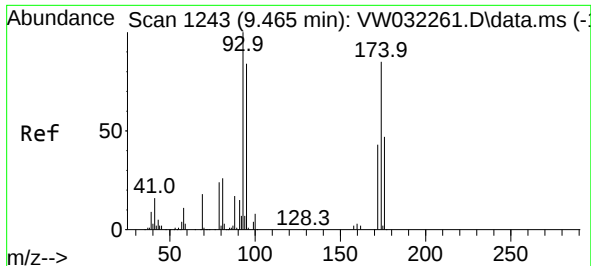
Tgt Ion: 83 Resp: 274166
Ion Ratio Lower Upper
83 100
85 63.2 50.3 75.5
127 8.0 5.6 8.4



#48
Methyl methacrylate
Concen: 54.975 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 41 Resp: 143636
Ion Ratio Lower Upper
41 100
69 88.7 71.4 107.0
39 53.6 46.9 70.3

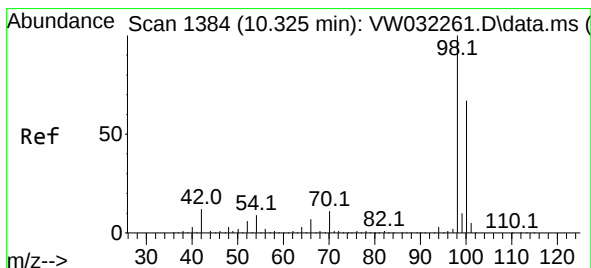
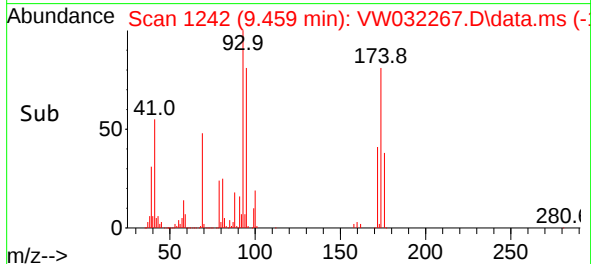
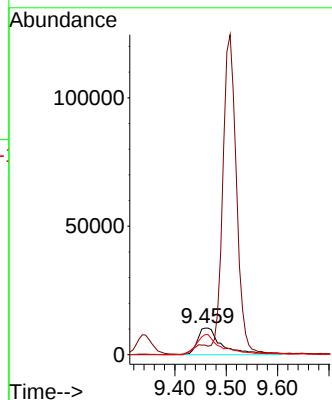
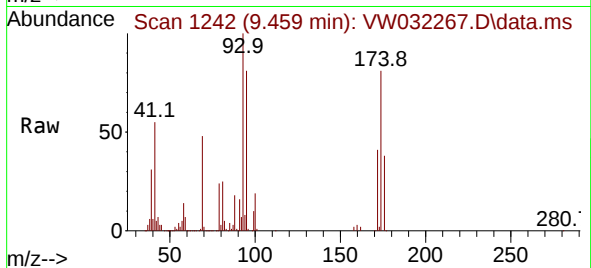




#49
1,4-Dioxane
Concen: 1081.815 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

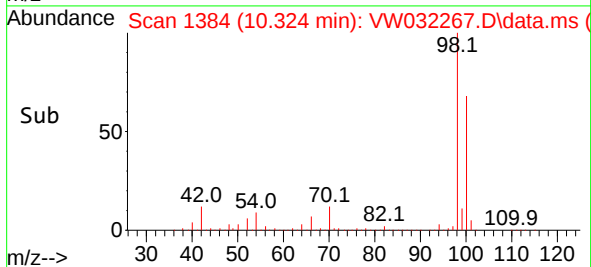
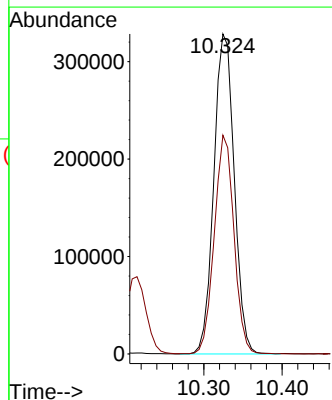
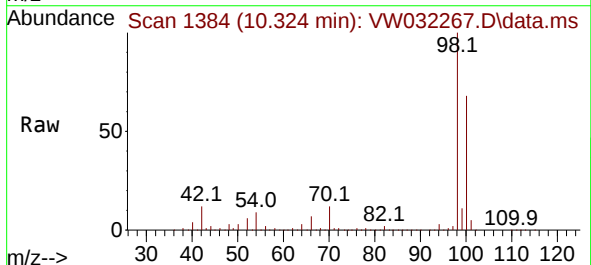
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

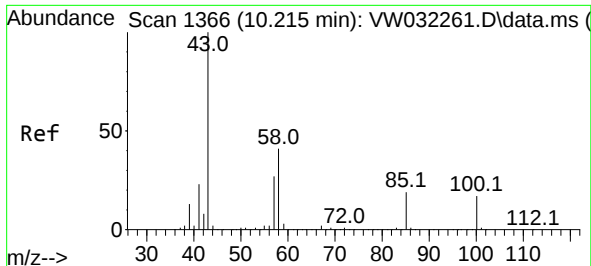
Tgt Ion: 88 Resp: 33972
Ion Ratio Lower Upper
88 100
43 22.8 0.0 0.0#
58 76.4 62.9 94.3



#50
Toluene-d8
Concen: 47.526 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 98 Resp: 594303
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

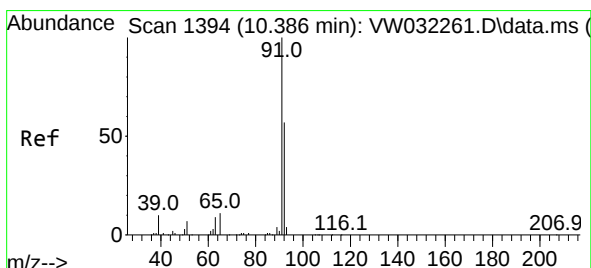
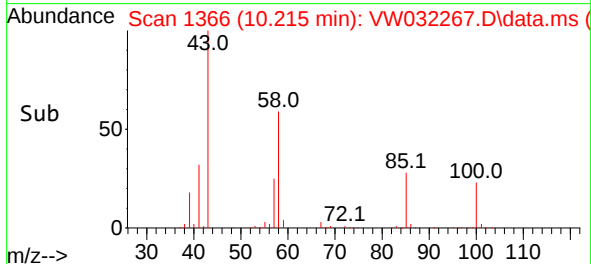
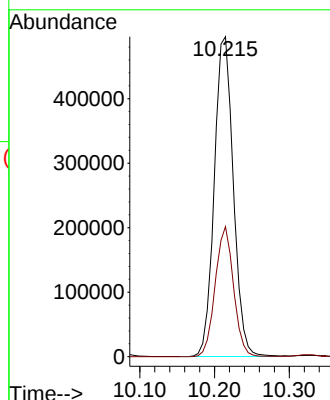
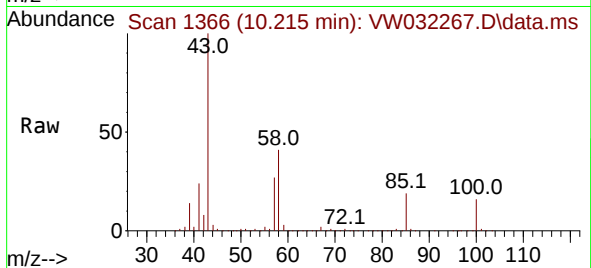




#51
4-Methyl-2-Pentanone
Concen: 266.913 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

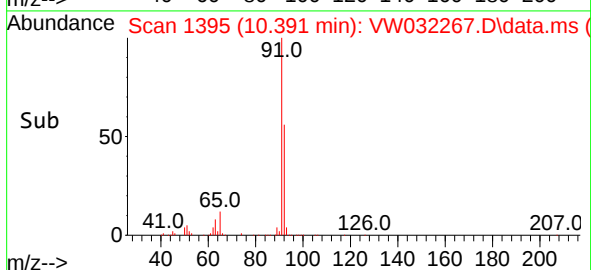
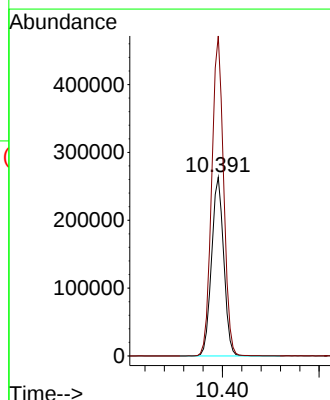
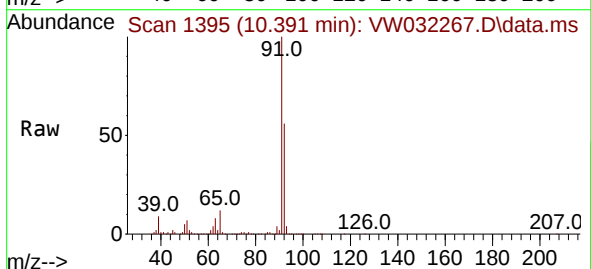
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

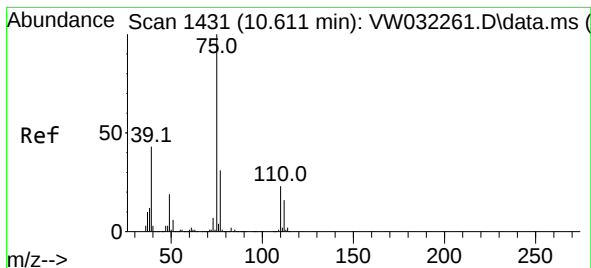
Tgt Ion: 43 Resp: 878888
Ion Ratio Lower Upper
43 100
58 39.2 32.3 48.5



#52
Toluene
Concen: 50.245 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 92 Resp: 458556
Ion Ratio Lower Upper
92 100
91 175.8 139.2 208.8

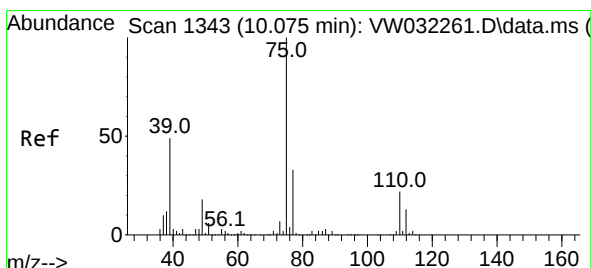
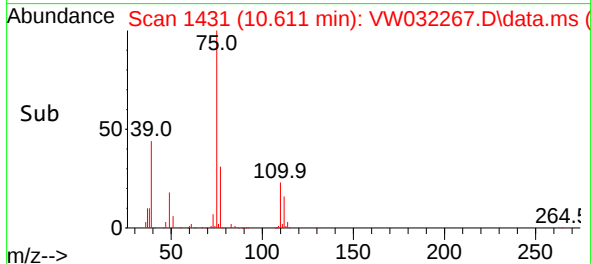
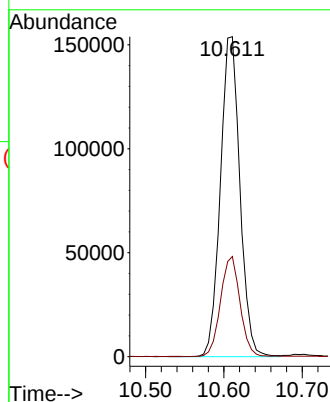
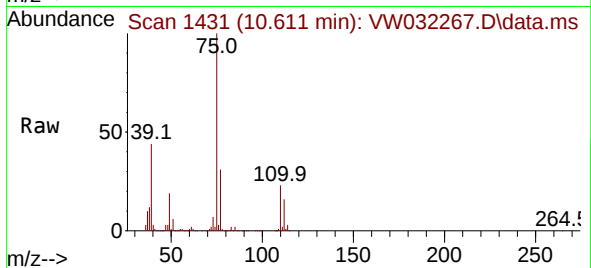




#53
t-1,3-Dichloropropene
Concen: 54.570 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

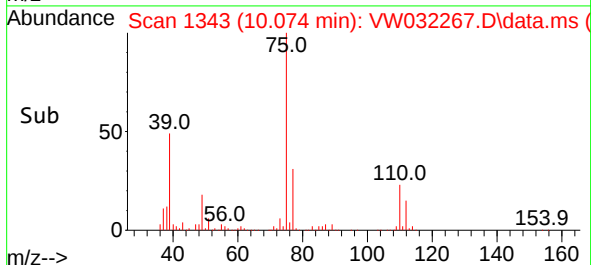
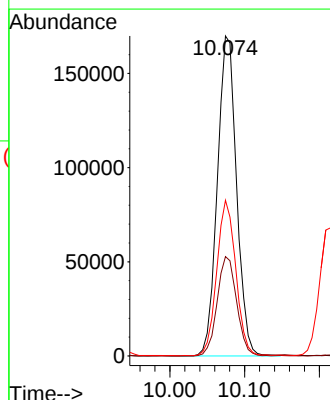
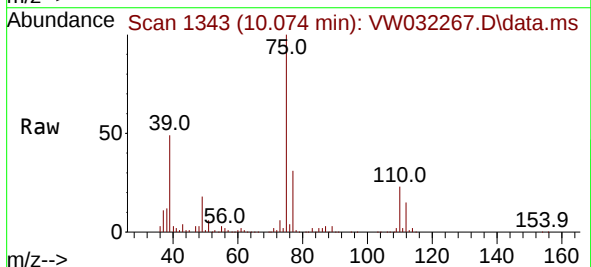
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

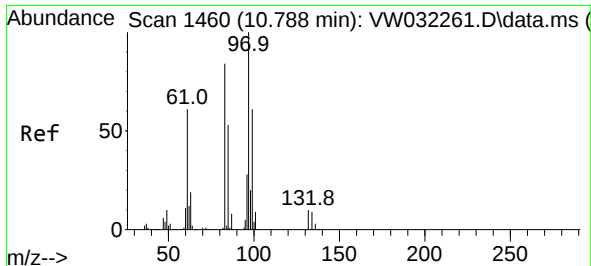
Tgt Ion: 75 Resp: 267381
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 53.737 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 303973
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4
39 48.6 39.0 58.6

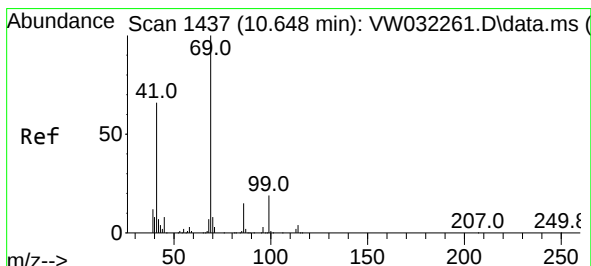
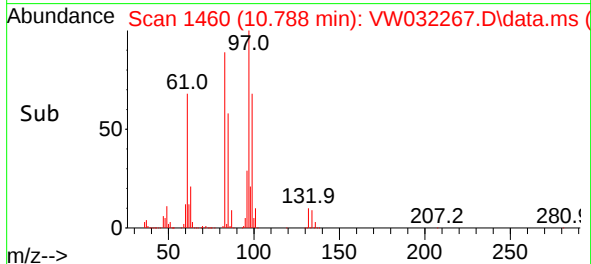
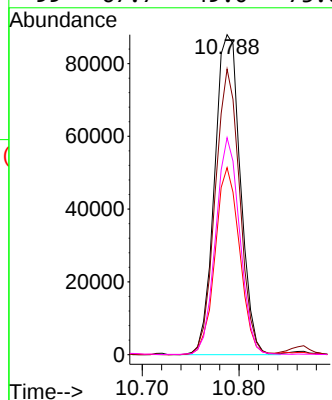
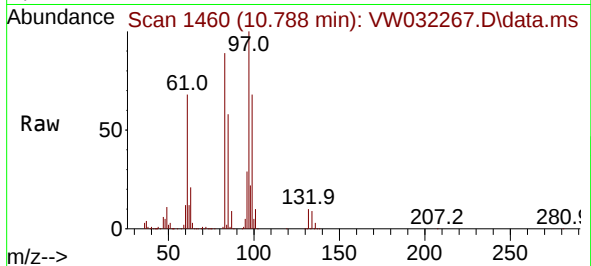




#55
1,1,2-Trichloroethane
Concen: 50.952 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

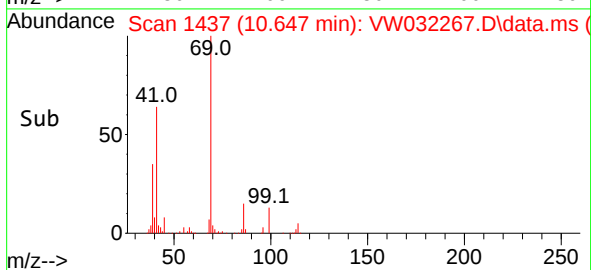
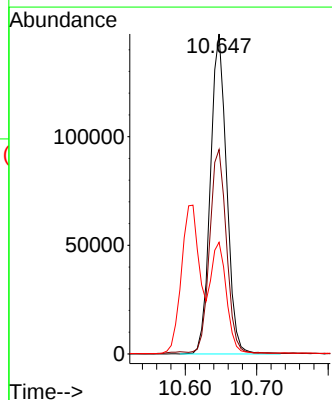
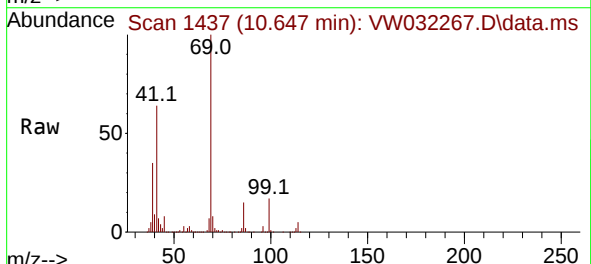
Instrument :
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ClientSampleId :
VSTDCCC050

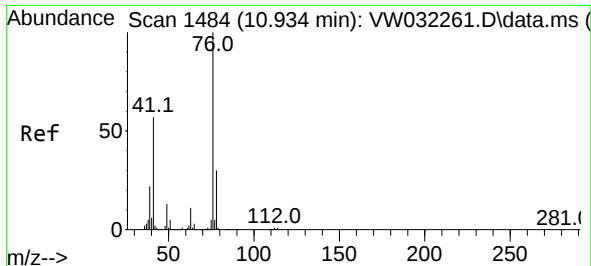
Tgt Ion:	97	Resp:	163071
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.4	101.2
85	58.4	42.0	63.0
99	67.7	49.0	73.6



#56
Ethyl methacrylate
Concen: 55.192 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:	69	Resp:	232679
Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.7	82.1
39	32.8	26.3	39.5

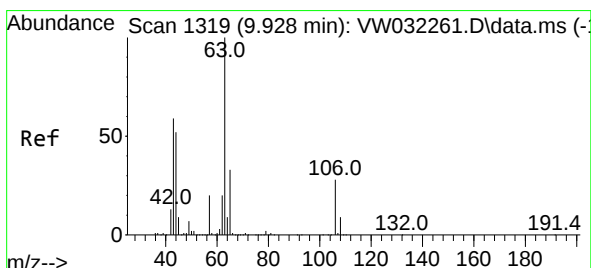
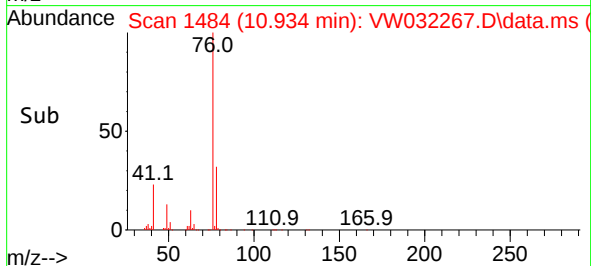
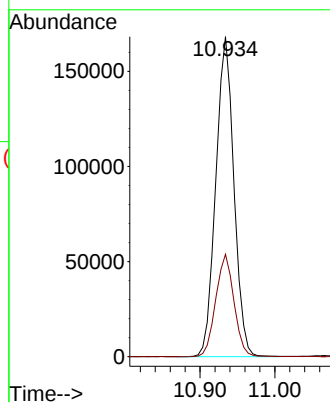
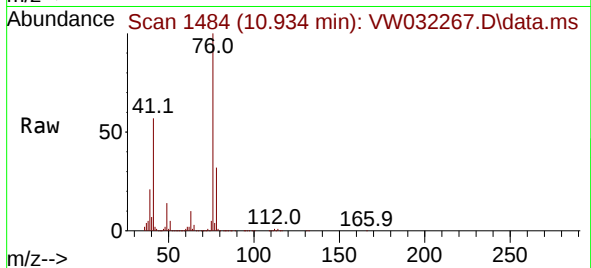




#57
1,3-Dichloropropane
Concen: 51.235 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

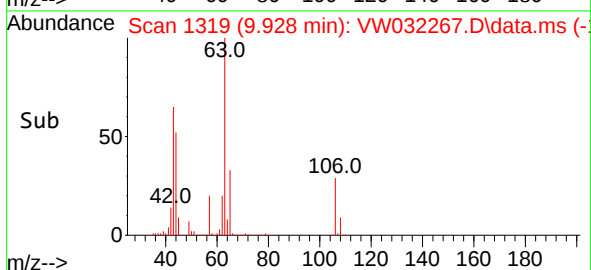
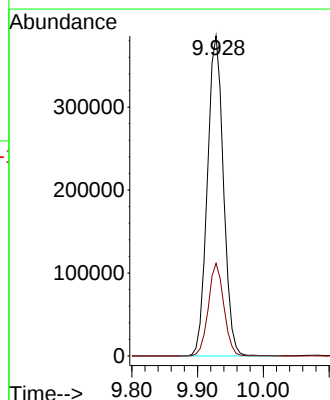
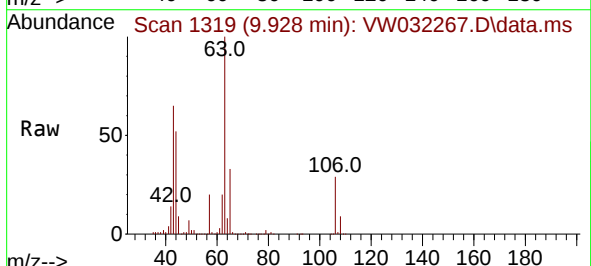
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

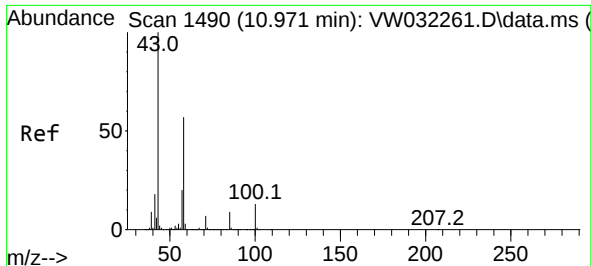
Tgt Ion: 76 Resp: 283280
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 283.551 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 63 Resp: 656204
Ion Ratio Lower Upper
63 100
106 27.9 22.5 33.7

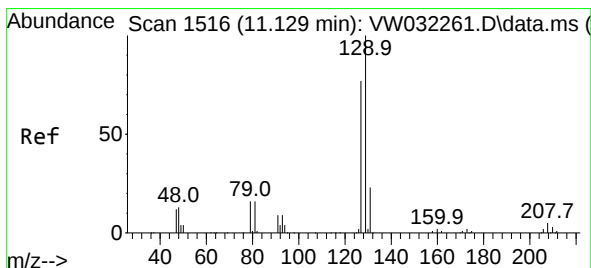
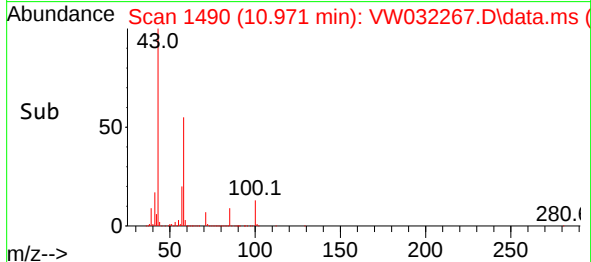
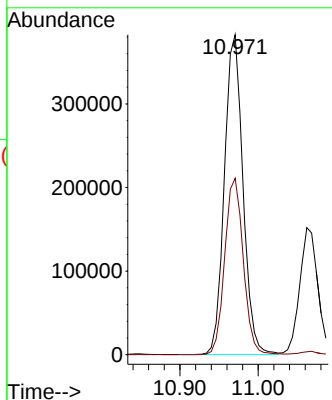
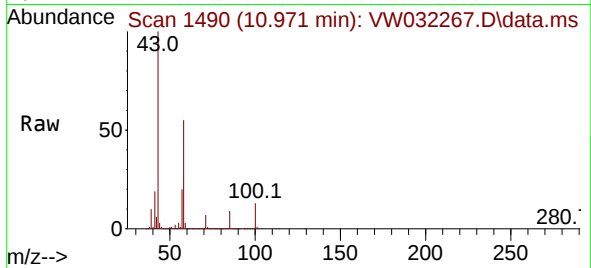




#59
2-Hexanone
Concen: 280.431 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

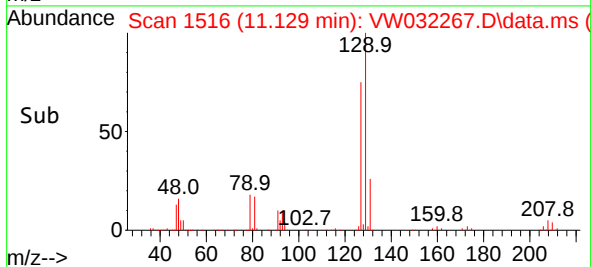
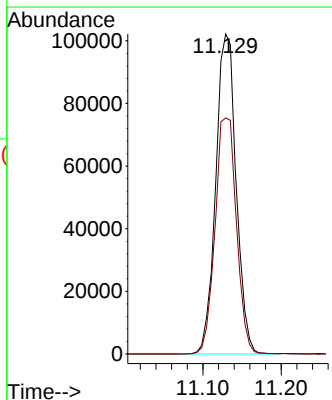
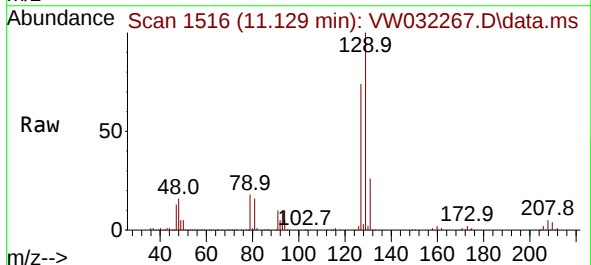
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

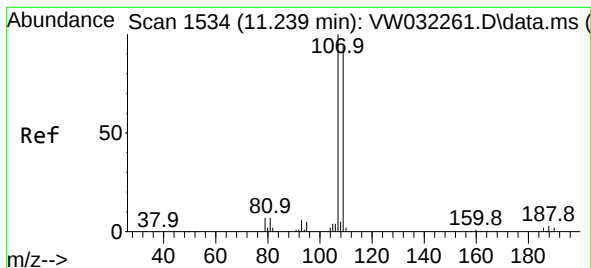
Tgt Ion: 43 Resp: 630581
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6



#60
Dibromochloromethane
Concen: 52.698 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:129 Resp: 185228
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8

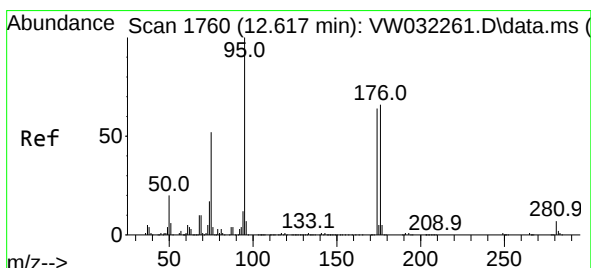
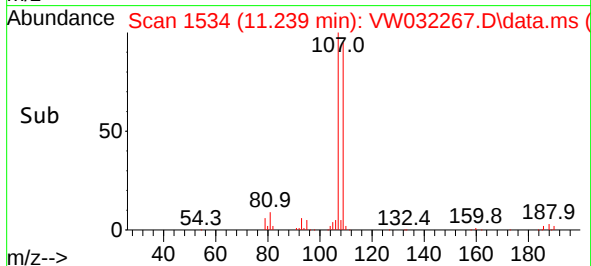
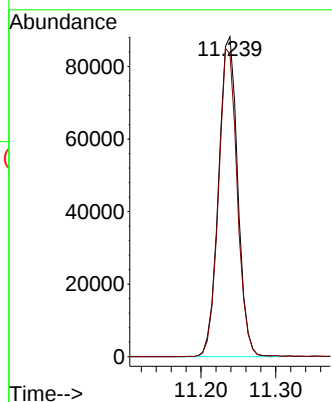
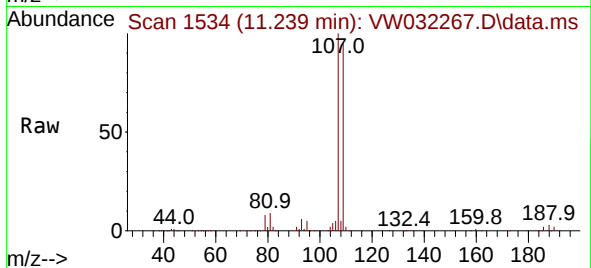




#61
1,2-Dibromoethane
Concen: 51.758 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

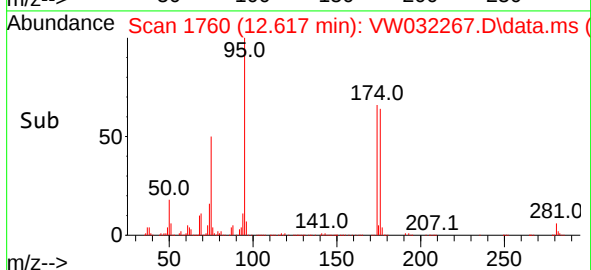
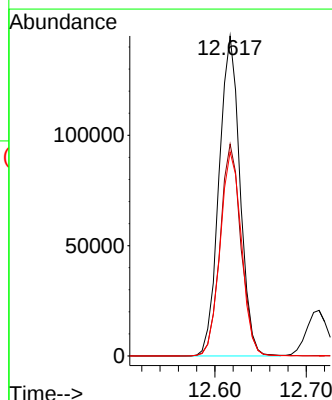
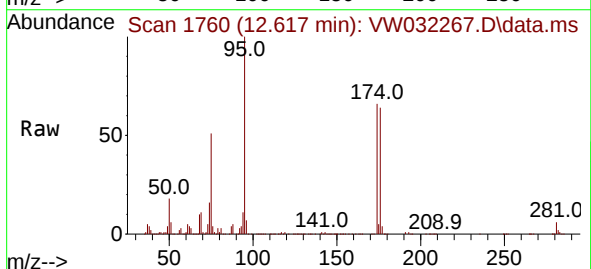
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

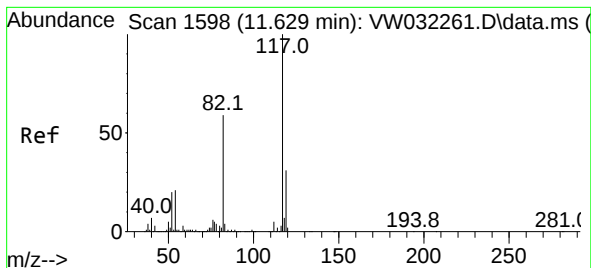
Tgt Ion:107 Resp: 156937
Ion Ratio Lower Upper
107 100
109 94.5 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 48.917 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 95 Resp: 230736
Ion Ratio Lower Upper
95 100
174 66.4 0.0 130.6
176 64.9 0.0 127.0

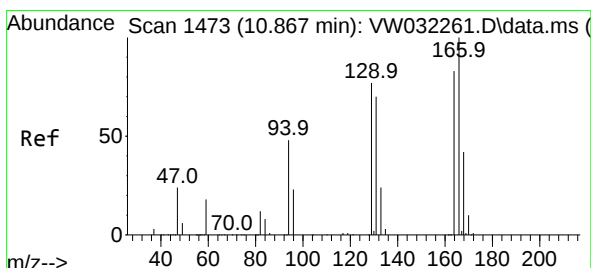
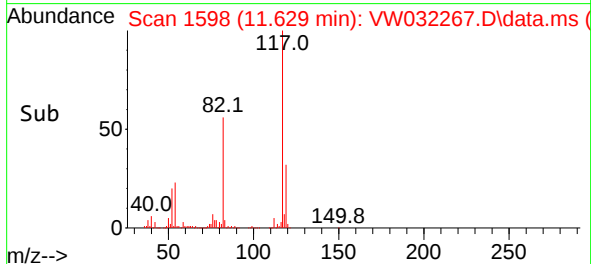
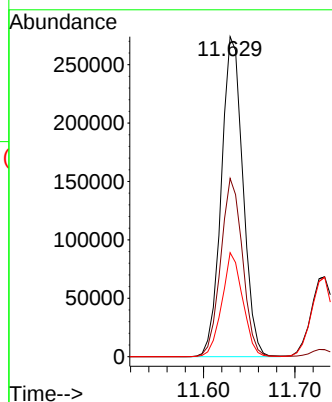
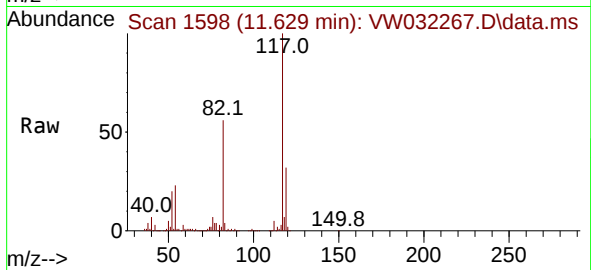




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

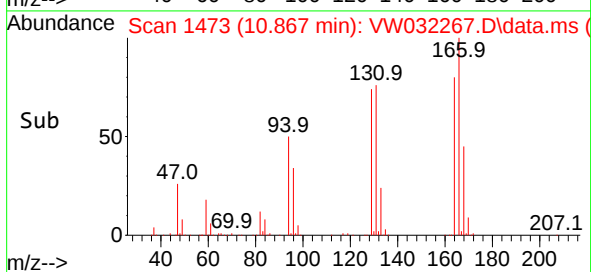
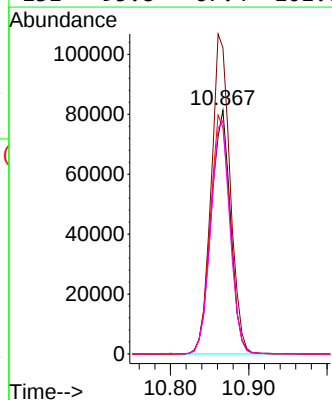
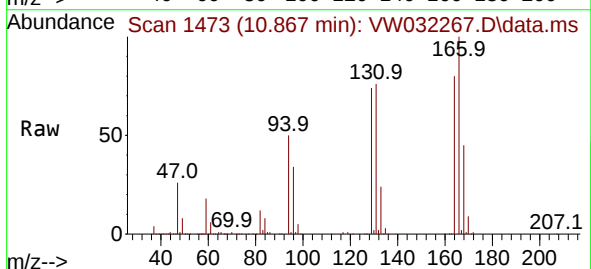
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

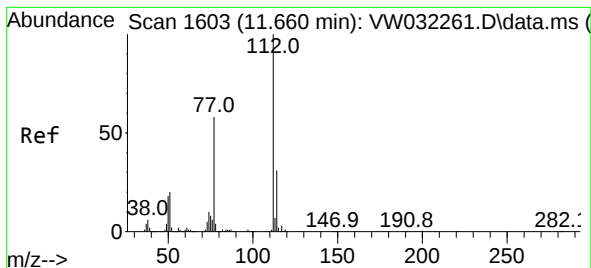
Tgt Ion:117 Resp: 450604
Ion Ratio Lower Upper
117 100
82 55.7 46.9 70.3
119 32.5 24.9 37.3



#64
Tetrachloroethene
Concen: 50.781 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:164 Resp: 139445
Ion Ratio Lower Upper
164 100
166 125.7 96.9 145.3
129 93.0 75.0 112.4
131 95.8 67.4 101.0





#65

Chlorobenzene

Concen: 51.224 ug/l

RT: 11.659 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

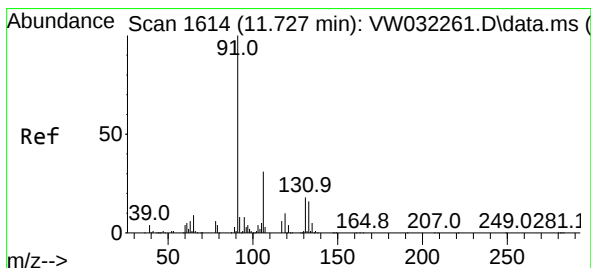
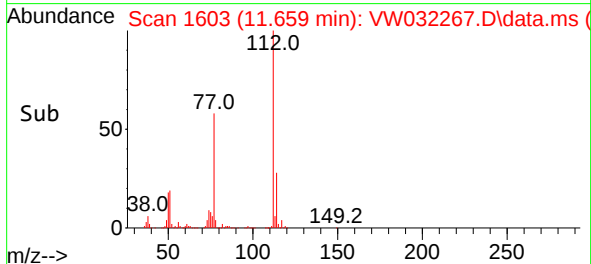
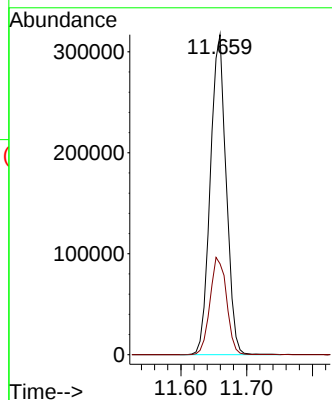
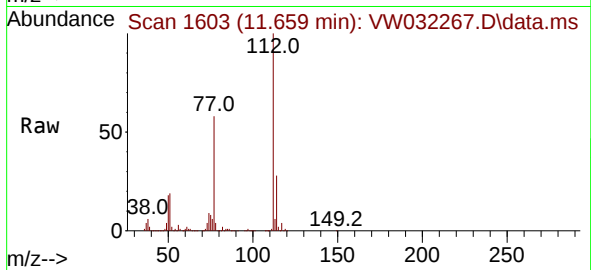
VSTDCCC050

Tgt Ion:112 Resp: 531675

Ion Ratio Lower Upper

112 100

114 28.4 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.879 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

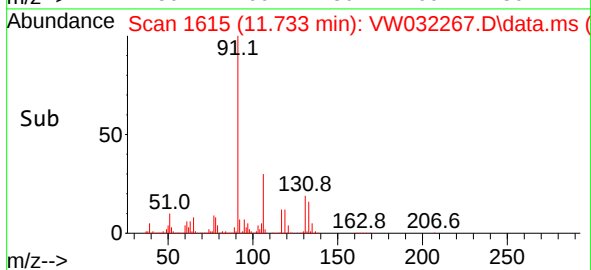
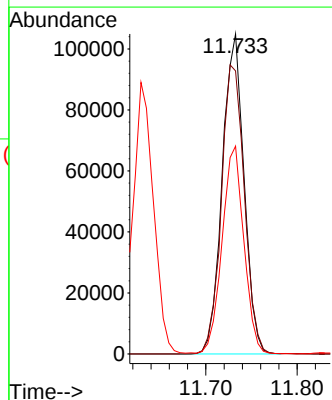
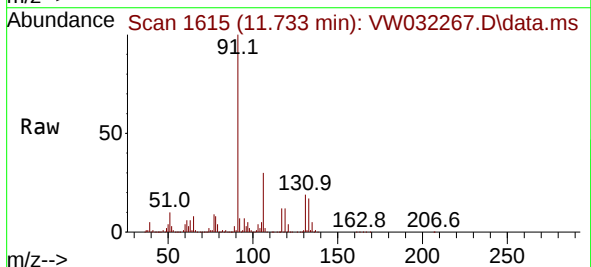
Tgt Ion:131 Resp: 173578

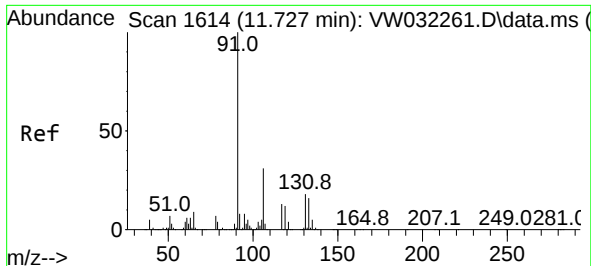
Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.3

119 65.2 33.9 101.7





#67

Ethyl Benzene

Concen: 53.548 ug/l

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

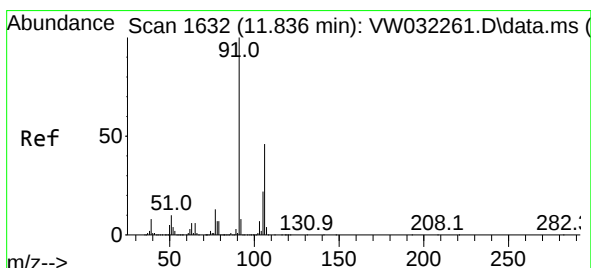
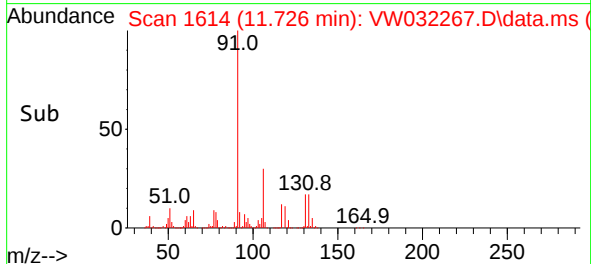
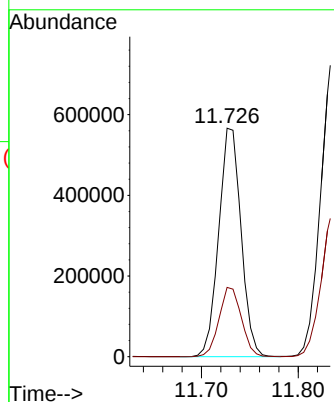
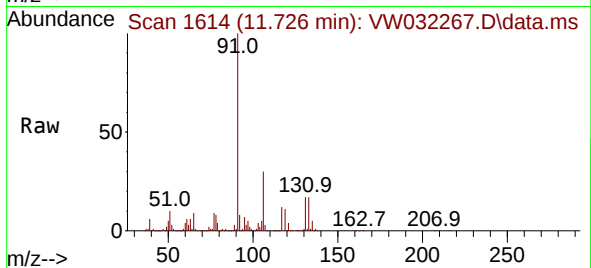
VSTDCCC050

Tgt Ion: 91 Resp: 909731

Ion Ratio Lower Upper

91 100

106 30.3 24.7 37.1



#68

m/p-Xylenes

Concen: 105.367 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032267.D

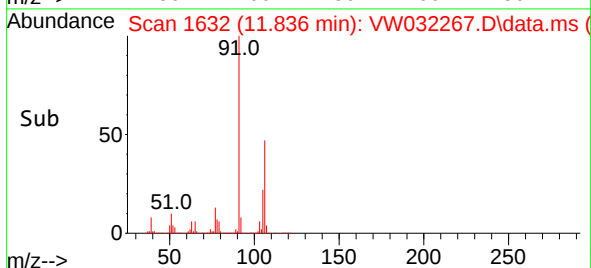
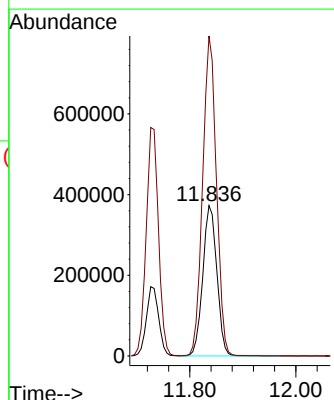
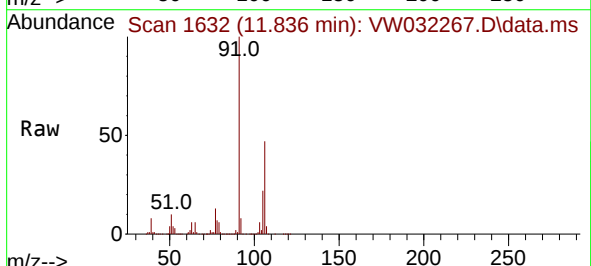
Acq: 26 Sep 2025 08:43

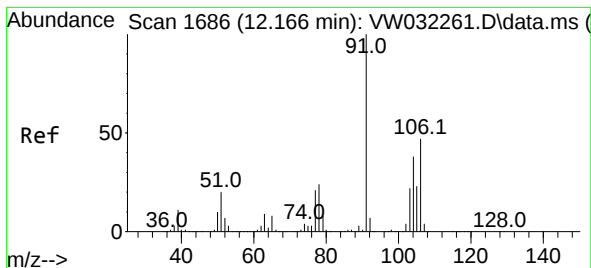
Tgt Ion:106 Resp: 686206

Ion Ratio Lower Upper

106 100

91 209.0 169.0 253.4





#69

o-Xylene

Concen: 52.914 ug/l

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

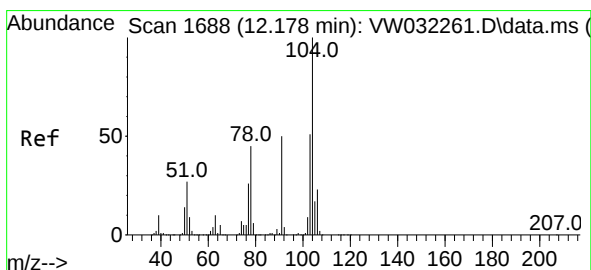
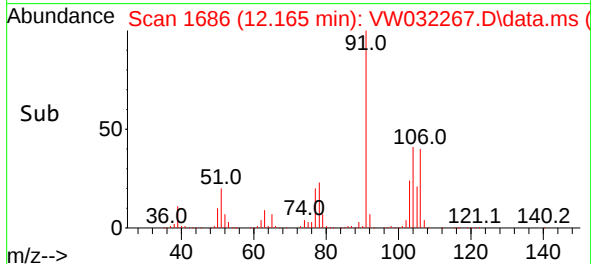
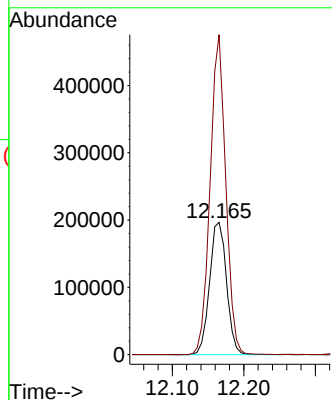
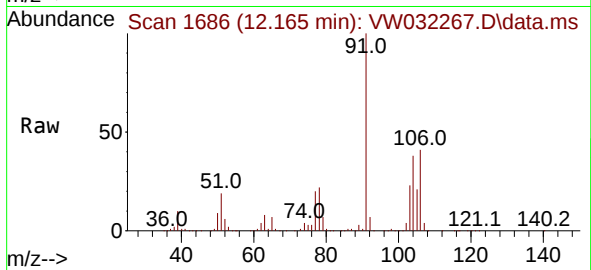
VSTDCCC050

Tgt Ion:106 Resp: 323859

Ion Ratio Lower Upper

106 100

91 222.7 107.8 323.6



#70

Styrene

Concen: 54.832 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

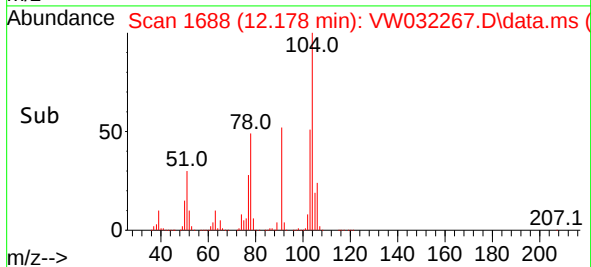
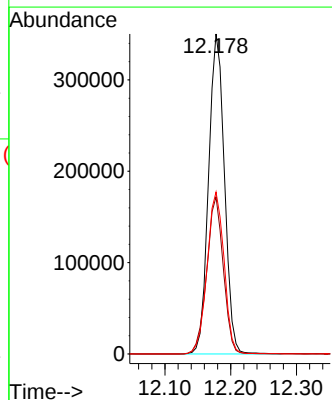
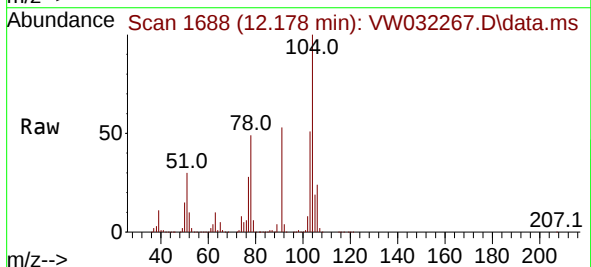
Tgt Ion:104 Resp: 588531

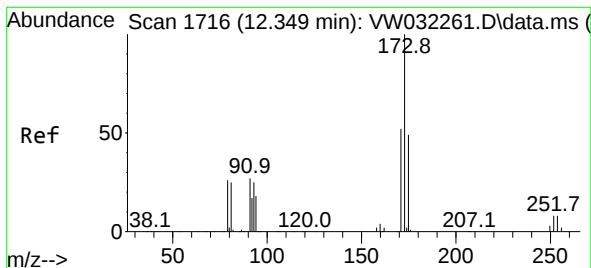
Ion Ratio Lower Upper

104 100

78 51.2 40.8 61.2

103 54.1 43.4 65.2





#71

Bromoform

Concen: 50.796 ug/l

RT: 12.348 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

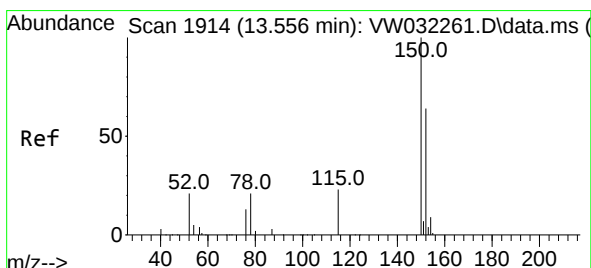
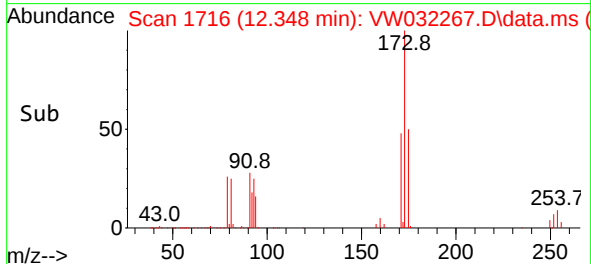
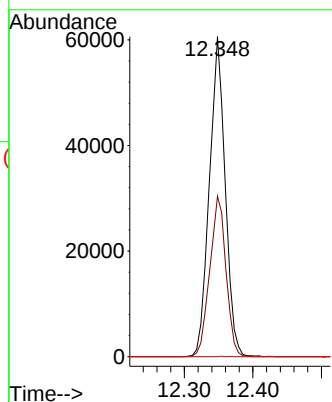
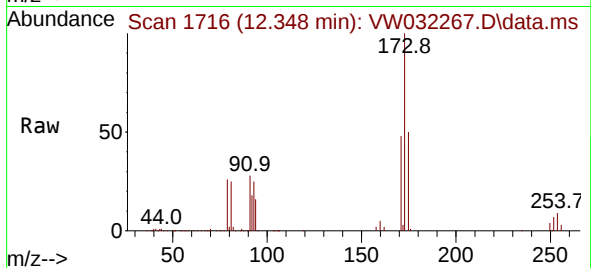
Tgt Ion:173 Resp: 97168

Ion Ratio Lower Upper

173 100

175 51.2 23.1 69.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

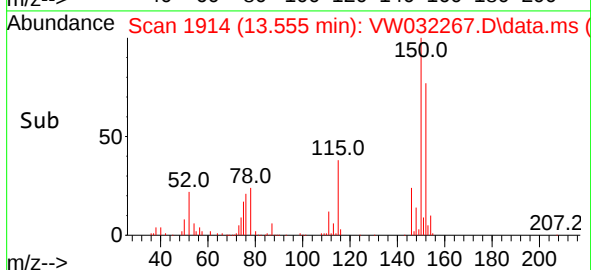
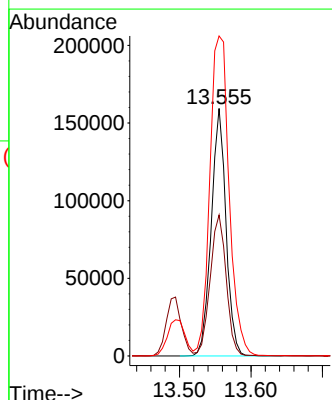
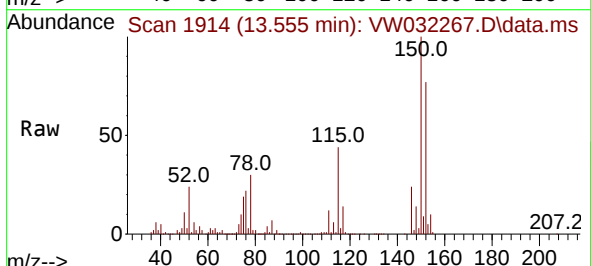
Tgt Ion:152 Resp: 228628

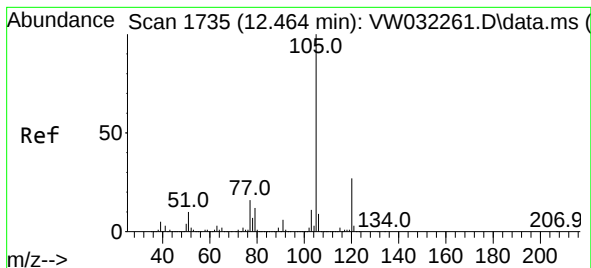
Ion Ratio Lower Upper

152 100

115 61.7 32.5 97.5

150 168.7 0.0 370.2





#73

Isopropylbenzene

Concen: 52.083 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

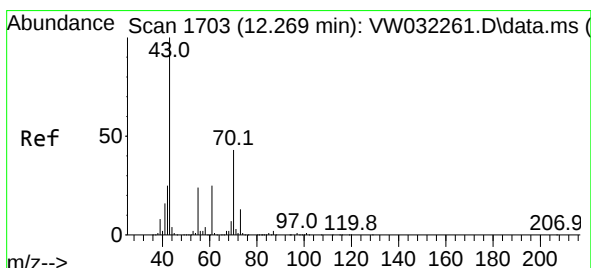
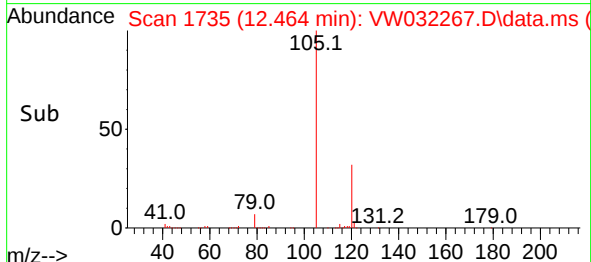
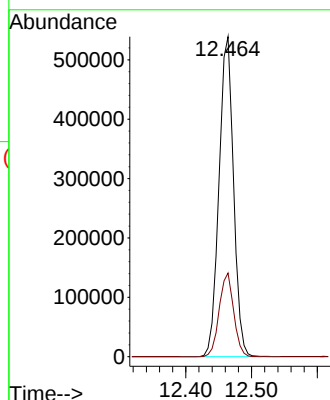
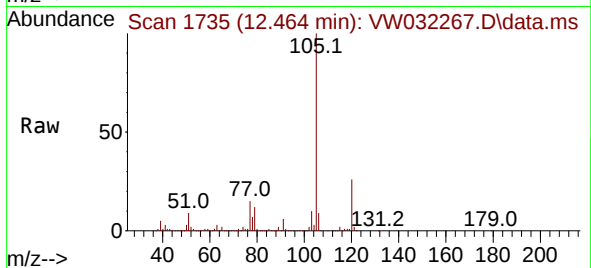
VSTDCCC050

Tgt Ion:105 Resp: 828790

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 53.325 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 267223

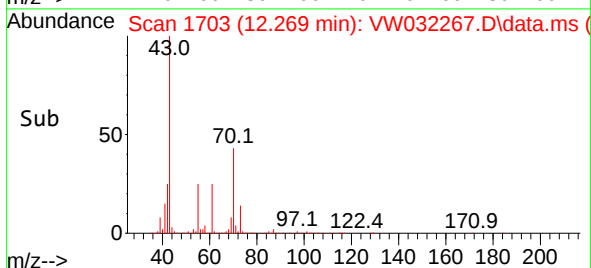
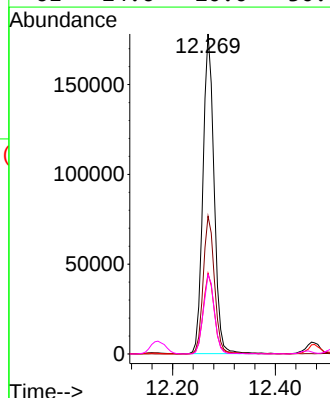
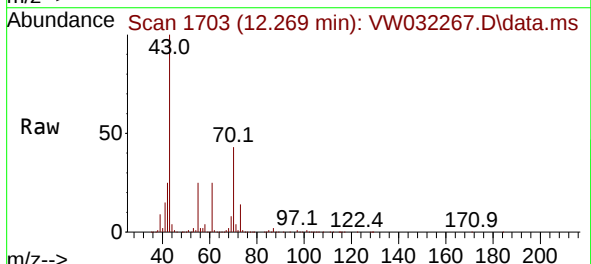
Ion Ratio Lower Upper

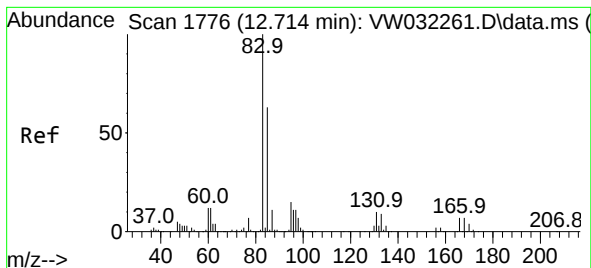
43 100

70 43.7 35.0 52.4

55 25.4 20.6 31.0

61 24.6 20.0 30.0

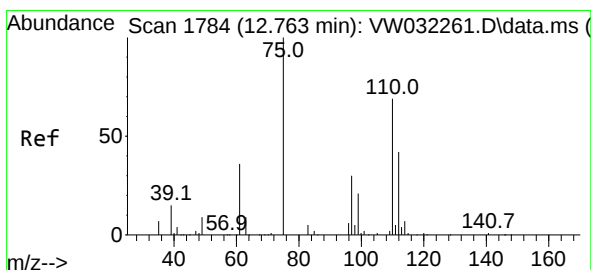
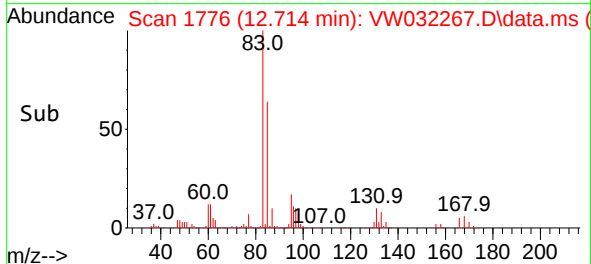
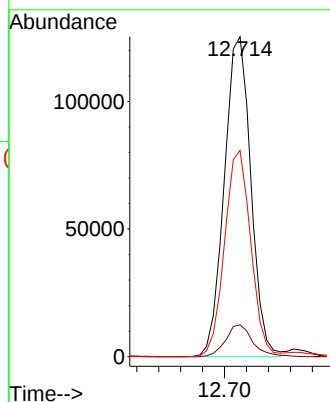
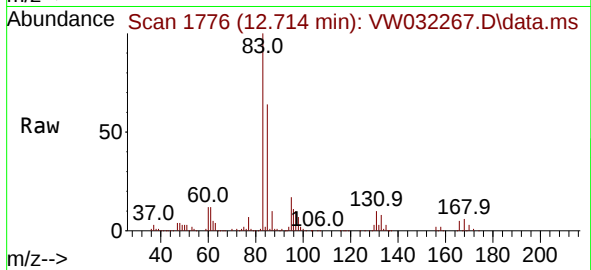




#75
1,1,2-Tetrachloroethane
Concen: 50.585 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

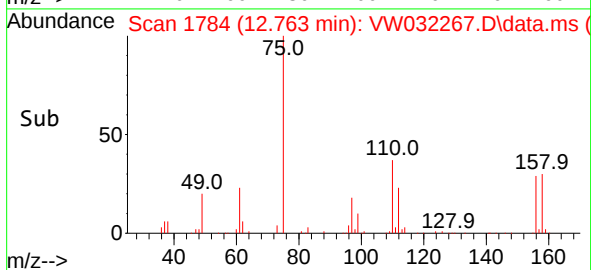
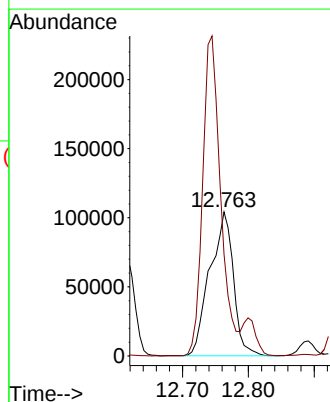
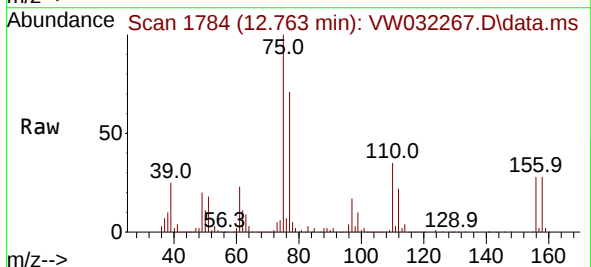
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

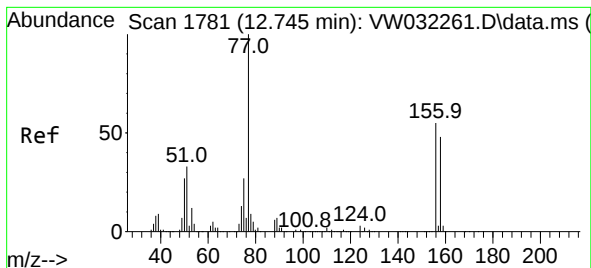
Tgt Ion: 83 Resp: 211052
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 63.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 82.370 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 259085
Ion Ratio Lower Upper
75 100
77 171.2 140.9 422.7





#77

Bromobenzene

Concen: 49.739 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

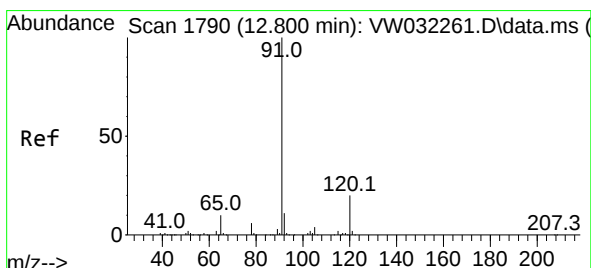
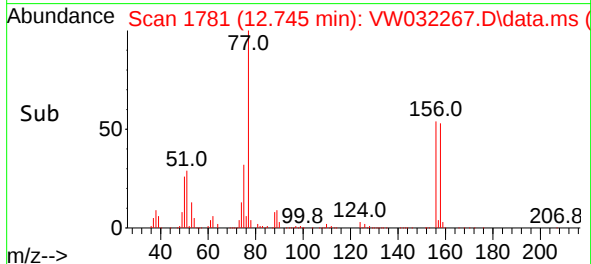
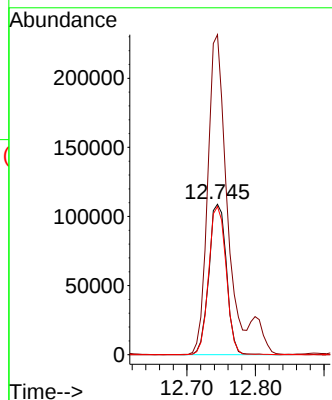
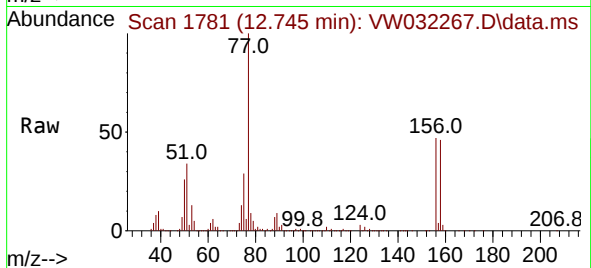
Tgt Ion:156 Resp: 194678

Ion Ratio Lower Upper

156 100

77 227.9 103.3 309.8

158 97.5 45.4 136.2



#78

n-propylbenzene

Concen: 51.938 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032267.D

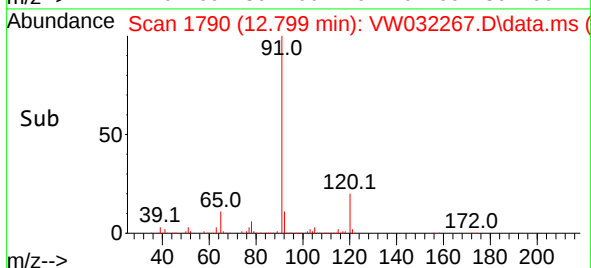
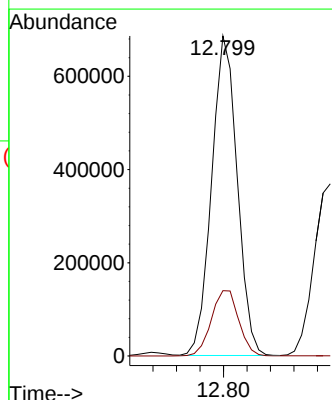
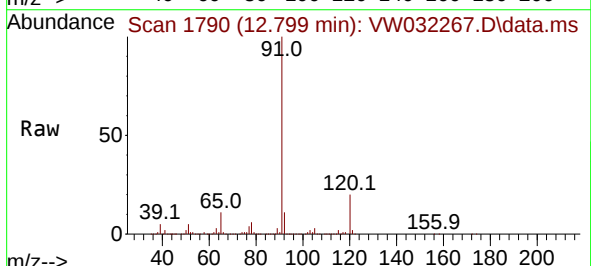
Acq: 26 Sep 2025 08:43

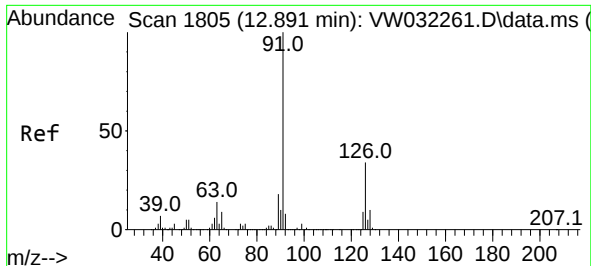
Tgt Ion: 91 Resp: 1038146

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9

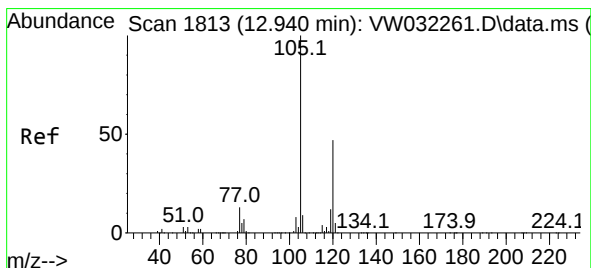
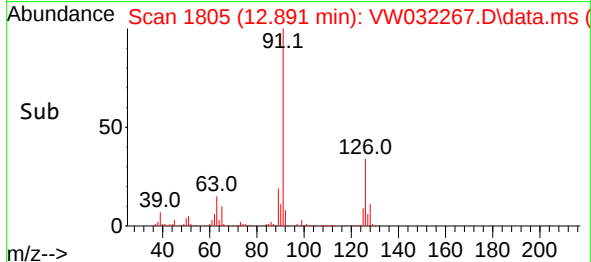
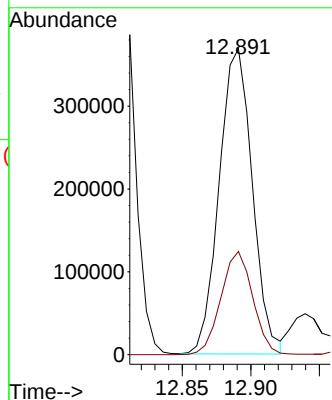
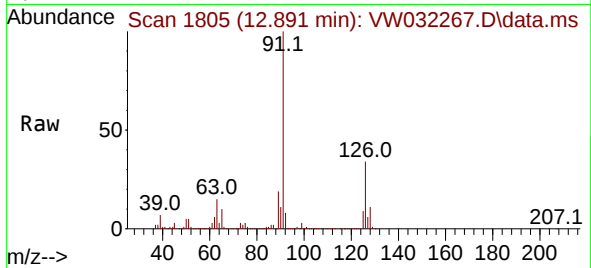




#79
2-Chlorotoluene
Concen: 51.255 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

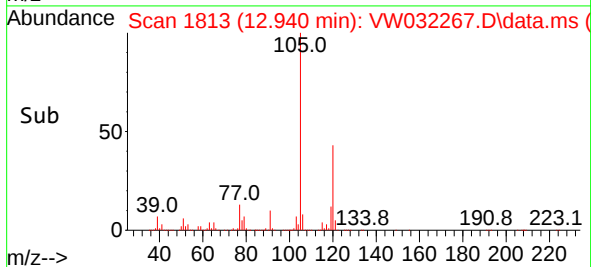
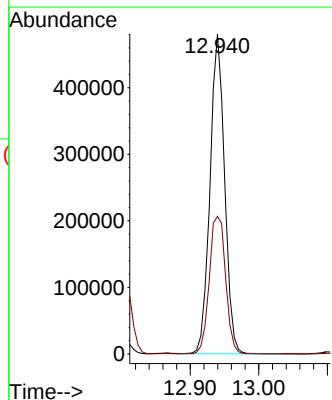
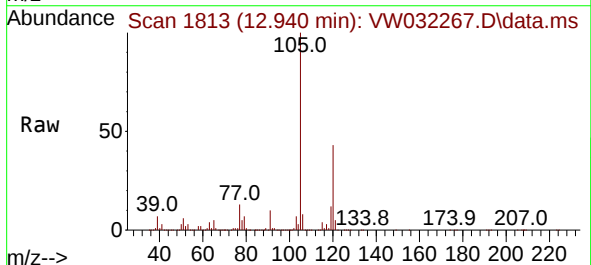
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

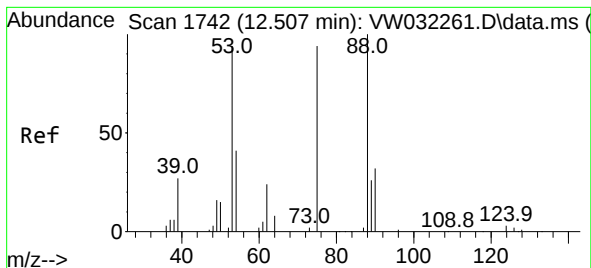
Tgt Ion: 91 Resp: 620604
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 52.412 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 105 Resp: 713060
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2

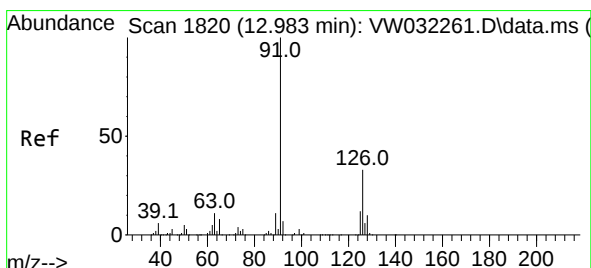
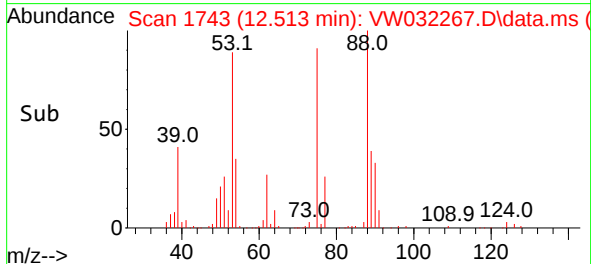
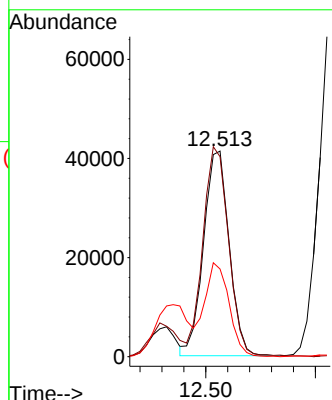
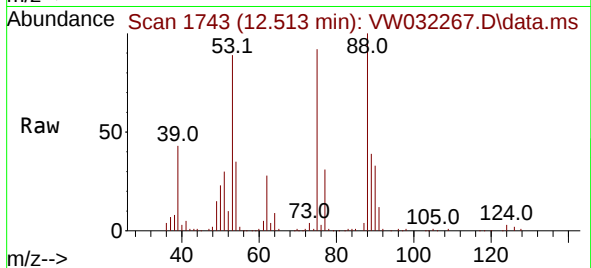




#81
trans-1,4-Dichloro-2-butene
Concen: 55.397 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

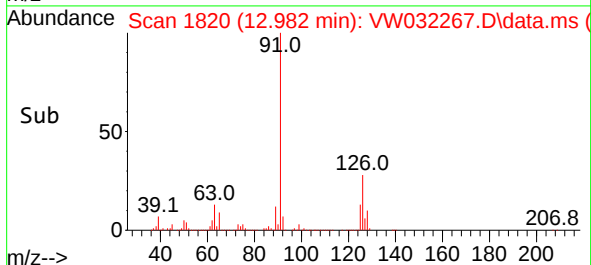
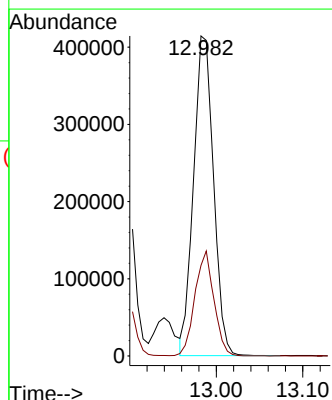
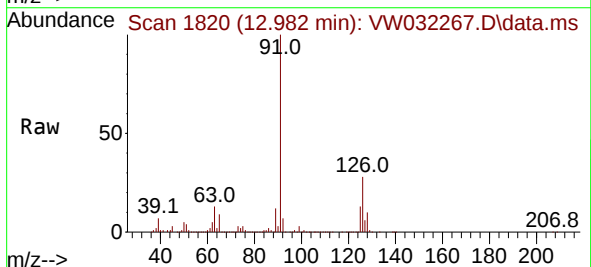
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

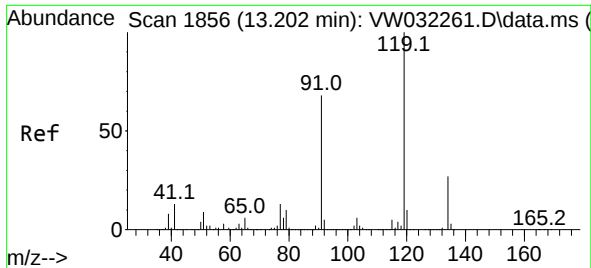
Tgt Ion: 75 Resp: 67083
Ion Ratio Lower Upper
75 100
53 103.0 81.4 122.2
89 44.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 51.786 ug/l
RT: 12.982 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 91 Resp: 662687
Ion Ratio Lower Upper
91 100
126 31.4 16.5 49.5

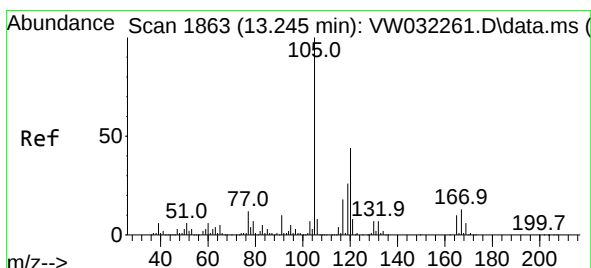
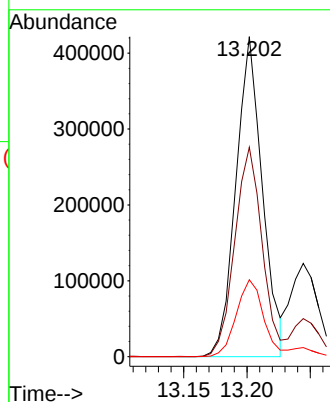
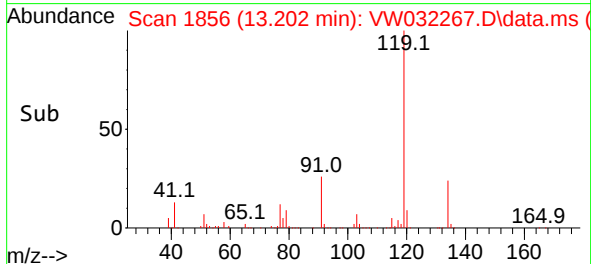
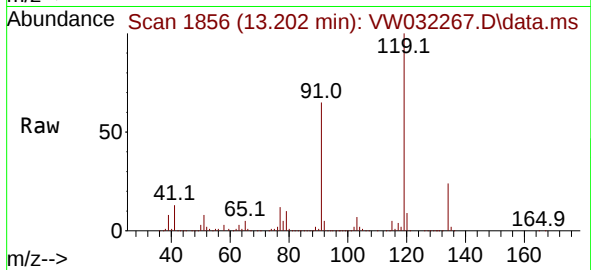




#83
tert-Butylbenzene
Concen: 54.015 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

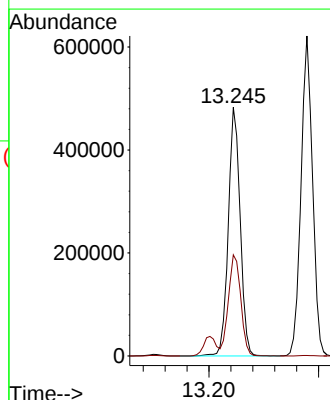
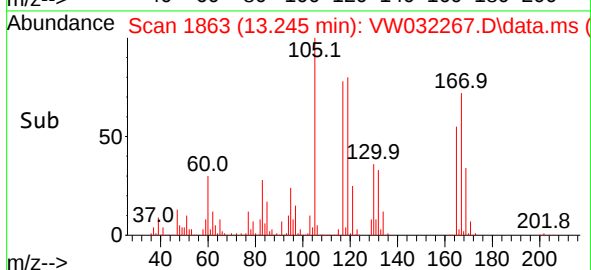
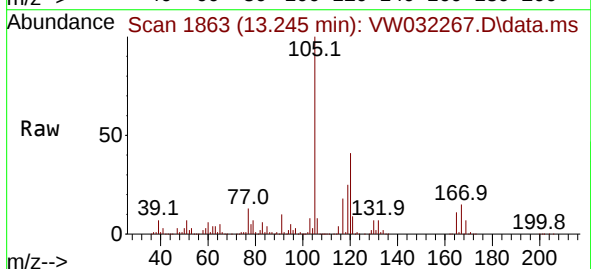
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

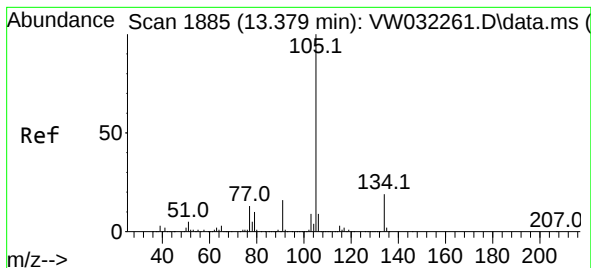
Tgt Ion:119 Resp: 614580
Ion Ratio Lower Upper
119 100
91 67.5 35.5 106.5
134 24.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 52.733 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:105 Resp: 728418
Ion Ratio Lower Upper
105 100
120 42.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.732 ug/l

RT: 13.379 min Scan# 1185

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

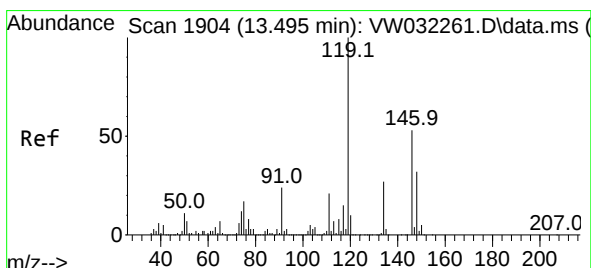
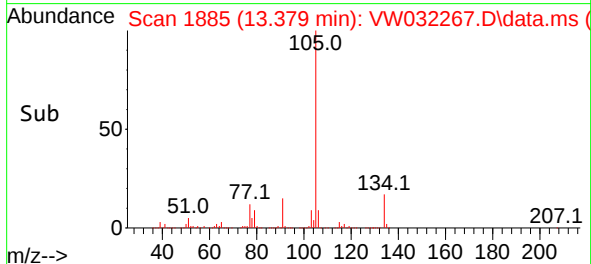
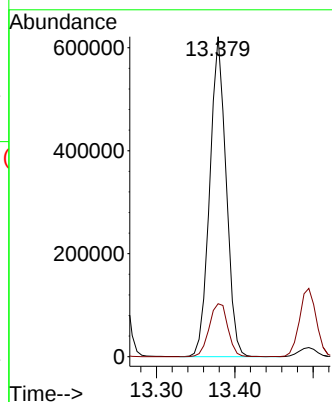
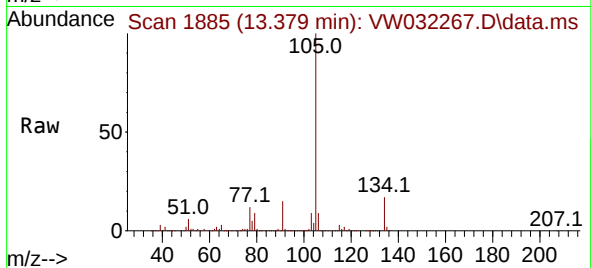
VSTDCCC050

Tgt Ion:105 Resp: 900981

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.306 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

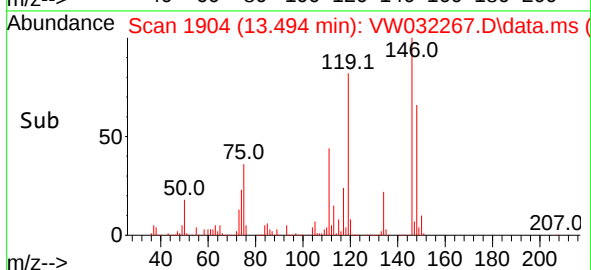
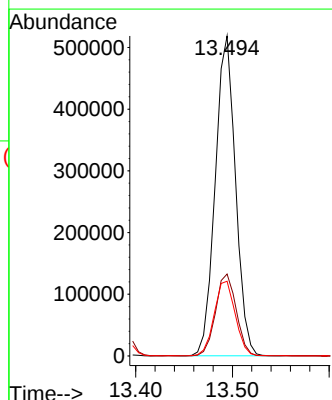
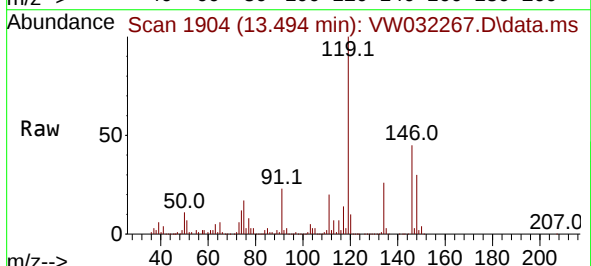
Tgt Ion:119 Resp: 754293

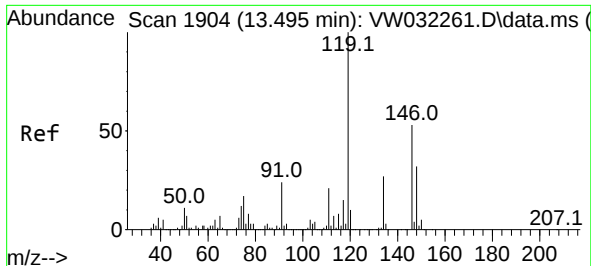
Ion Ratio Lower Upper

119 100

134 26.1 12.5 37.5

91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.634 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

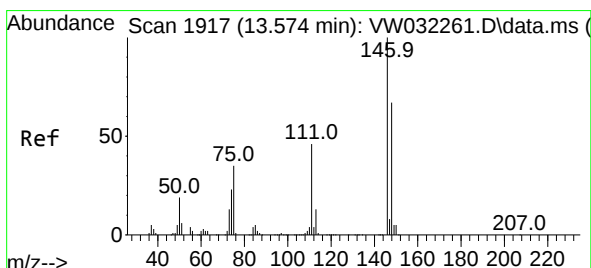
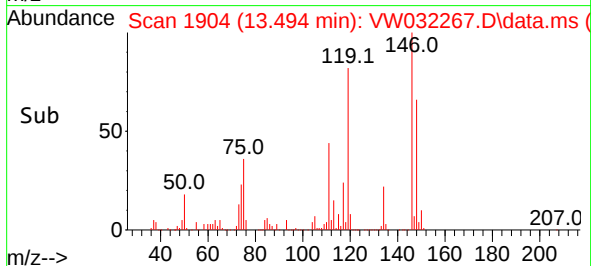
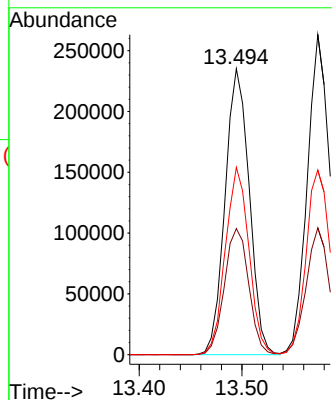
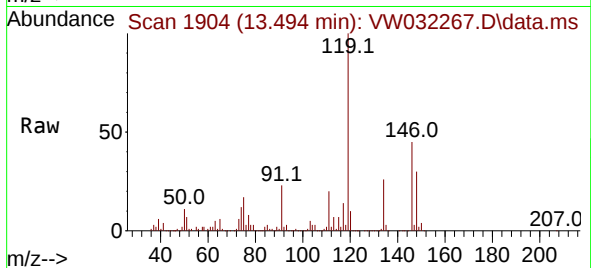
Tgt Ion:146 Resp: 384261

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.5

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.309 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

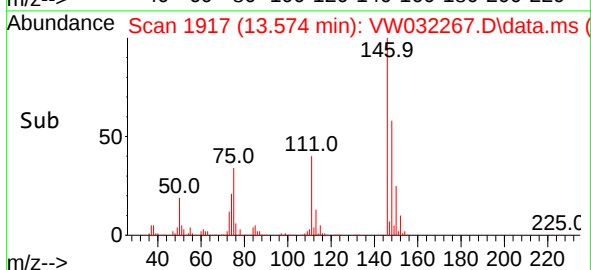
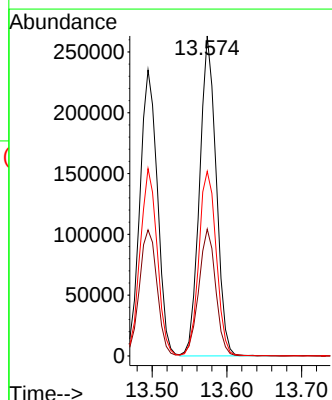
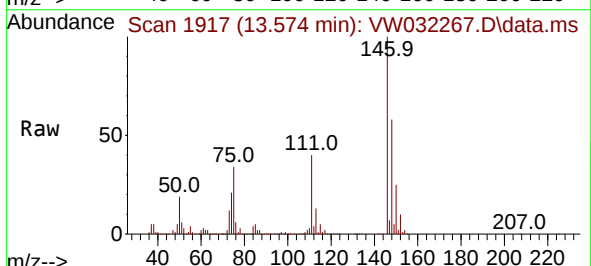
Tgt Ion:146 Resp: 405802

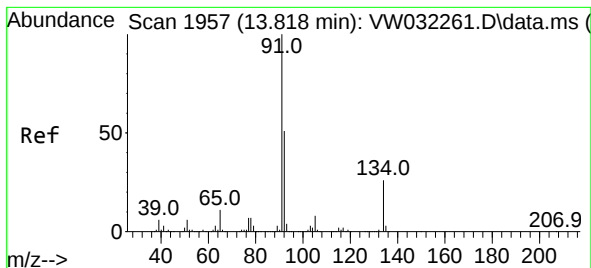
Ion Ratio Lower Upper

146 100

111 40.1 22.4 67.2

148 60.6 34.4 103.1

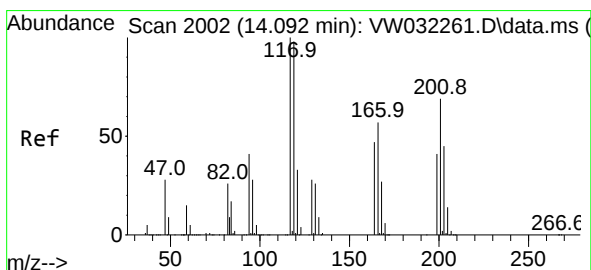
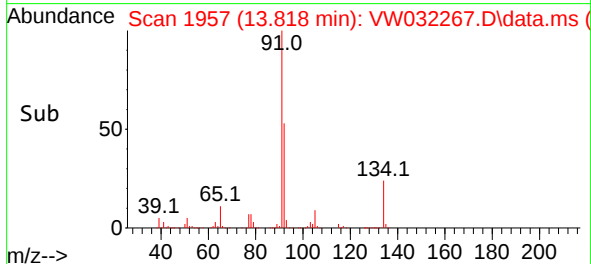
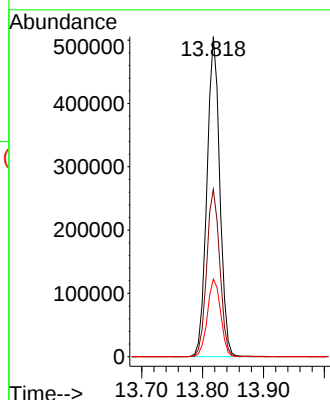
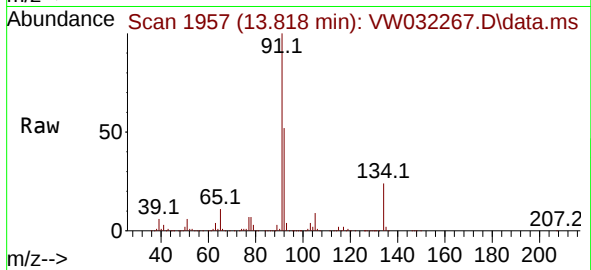




#89
n-Butylbenzene
Concen: 52.305 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

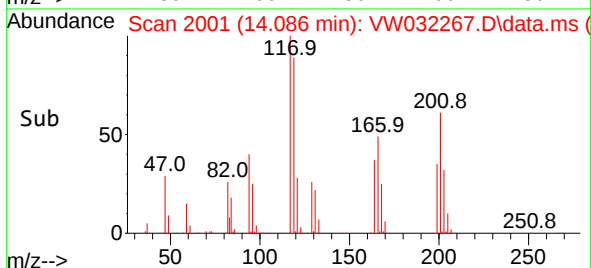
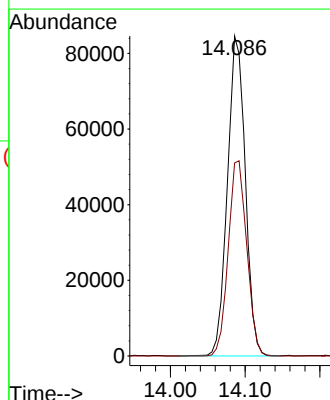
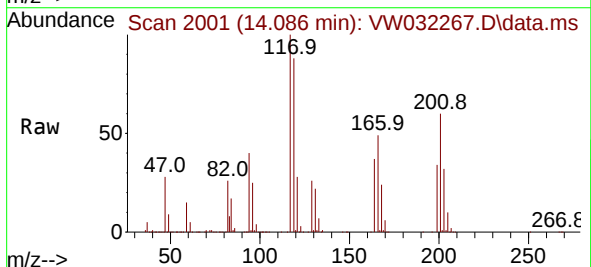
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

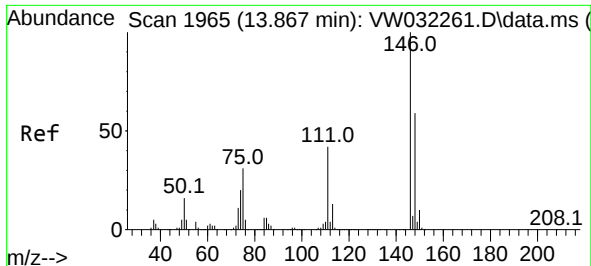
Tgt Ion: 91 Resp: 742768
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 53.334 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 117 Resp: 140658
Ion Ratio Lower Upper
117 100
201 63.2 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 51.359 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

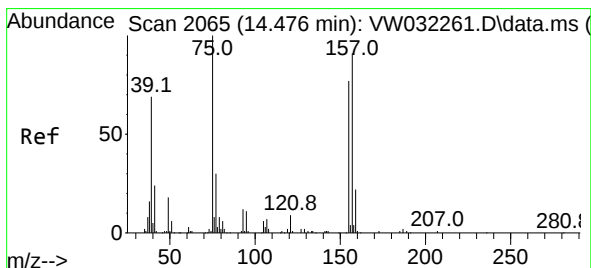
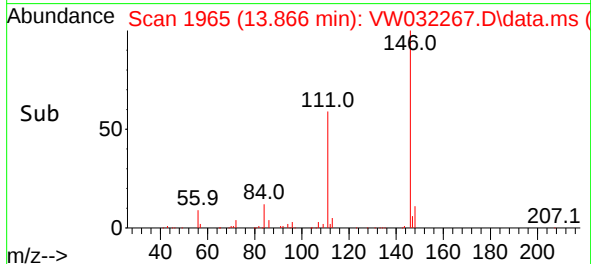
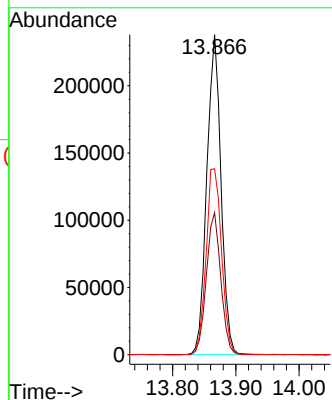
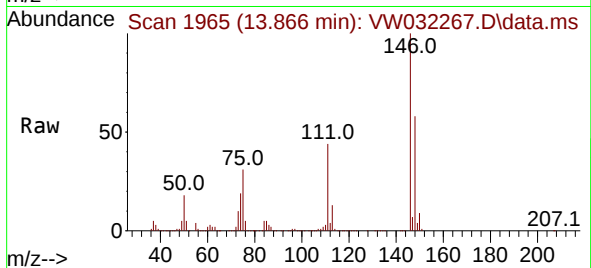
Tgt Ion:146 Resp: 371954

Ion Ratio Lower Upper

146 100

111 45.3 21.9 65.8

148 63.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.007 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

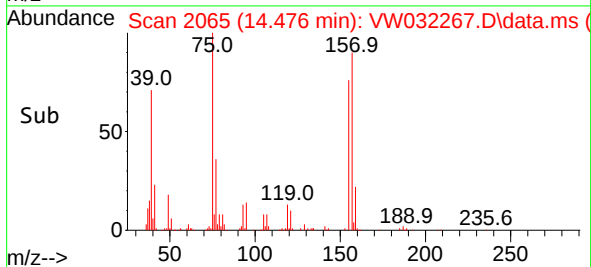
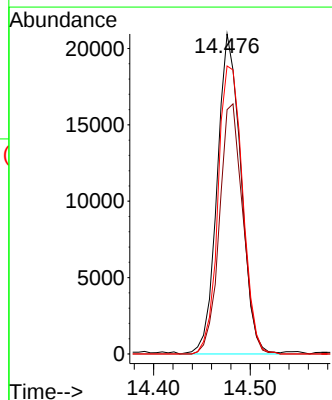
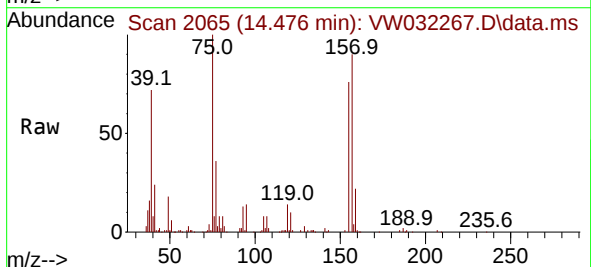
Tgt Ion: 75 Resp: 35686

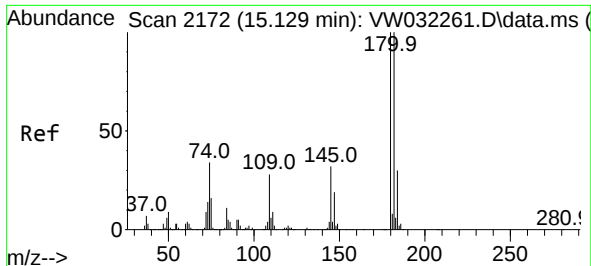
Ion Ratio Lower Upper

75 100

155 76.9 38.2 114.6

157 93.0 47.0 141.0

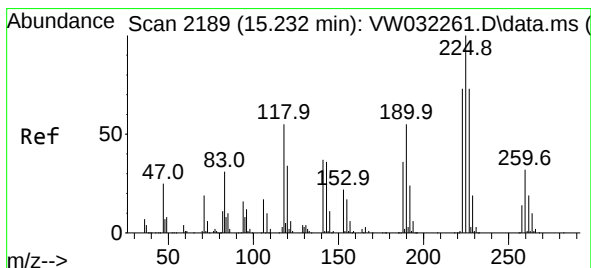
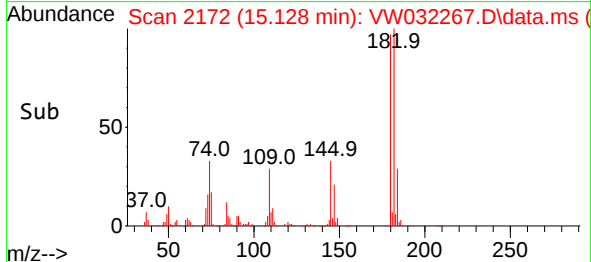
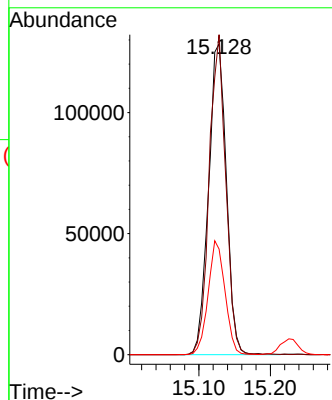
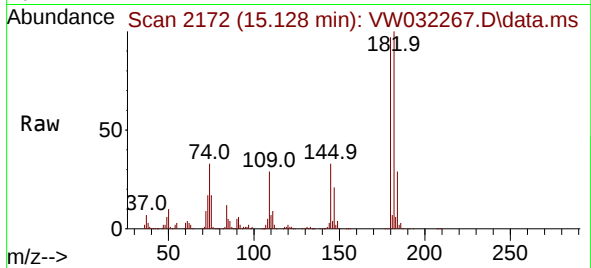




#93
1,2,4-Trichlorobenzene
Concen: 51.725 ug/l
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

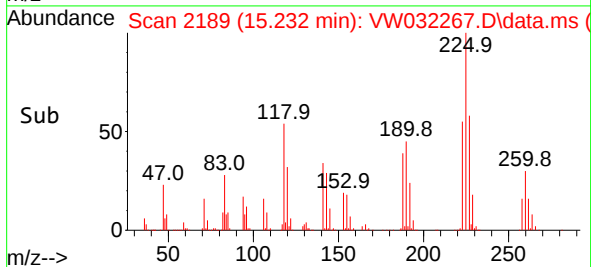
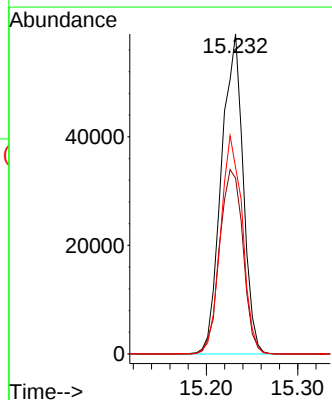
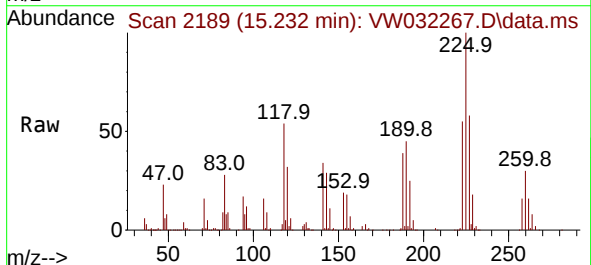
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

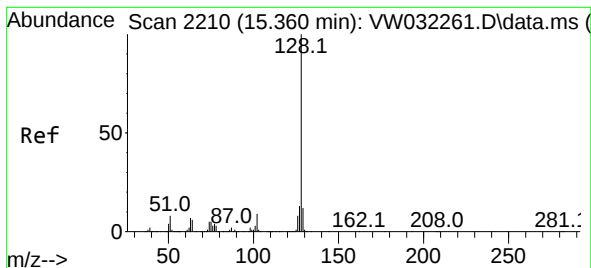
Tgt Ion:180 Resp: 222241
Ion Ratio Lower Upper
180 100
182 95.3 48.4 145.3
145 34.8 16.9 50.7



#94
Hexachlorobutadiene
Concen: 49.349 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:225 Resp: 97379
Ion Ratio Lower Upper
225 100
223 62.0 36.4 109.2
227 68.3 36.4 109.2





#95

Naphthalene

Concen: 54.183 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

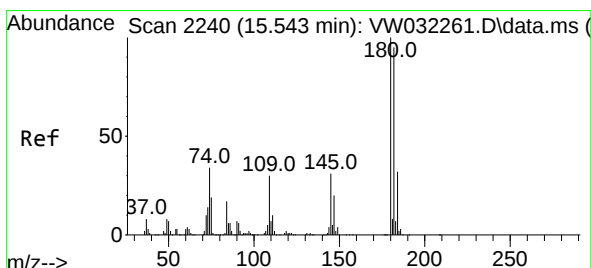
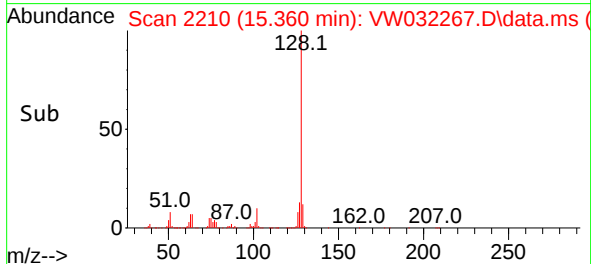
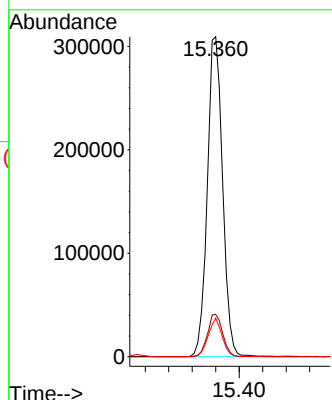
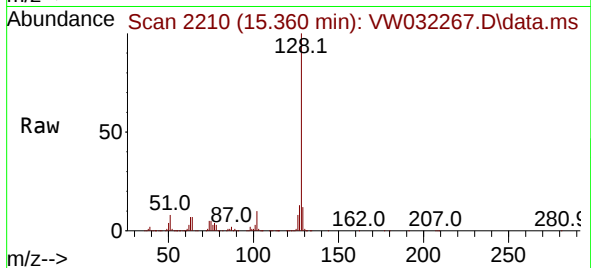
Tgt Ion:128 Resp: 558741

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 53.266 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032267.D

Acq: 26 Sep 2025 08:43

Tgt Ion:180 Resp: 212802

Ion Ratio Lower Upper

180 100

182 92.5 45.5 136.4

145 36.7 18.1 54.1

