

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032618.D
 Acq On : 11 Dec 2025 08:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 00:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	355694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	639261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	561166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	277005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	287418	51.296	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.600%	
35) Dibromofluoromethane	7.898	113	226988	49.833	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.660%	
50) Toluene-d8	10.325	98	886820	54.055	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.617	95	318707	52.912	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	100321	45.420	ug/l	100
3) Chloromethane	2.253	50	161415	41.427	ug/l	98
4) Vinyl Chloride	2.405	62	217363	46.751	ug/l	97
5) Bromomethane	2.820	94	143589	46.370	ug/l	98
6) Chloroethane	2.972	64	143411	47.804	ug/l	96
7) Trichlorofluoromethane	3.308	101	199504	49.014	ug/l	88
8) Diethyl Ether	3.716	74	127526	46.789	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	192939	47.335	ug/l	98
10) Methyl Iodide	4.308	142	273740	48.228	ug/l	100
11) Tert butyl alcohol	5.222	59	87788	237.658	ug/l	98
12) 1,1-Dichloroethene	4.082	96	211044	48.876	ug/l	98
13) Acrolein	3.930	56	203608	327.451	ug/l	100
14) Allyl chloride	4.704	41	384084	47.849	ug/l	100
15) Acrylonitrile	5.405	53	382558	251.171	ug/l	99
16) Acetone	4.161	43	461784	247.814	ug/l	99
17) Carbon Disulfide	4.417	76	595863	47.482	ug/l	99
18) Methyl Acetate	4.710	43	181777	50.005	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	435938	50.851	ug/l	98
20) Methylene Chloride	4.954	84	240300	42.240	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	226269	47.980	ug/l	94
22) Diisopropyl ether	6.338	45	808322	49.733	ug/l	99
23) Vinyl Acetate	6.283	43	2789755	253.847	ug/l	99
24) 1,1-Dichloroethane	6.246	63	448518	48.253	ug/l	99
25) 2-Butanone	7.191	43	567777	259.311	ug/l	99
26) 2,2-Dichloropropane	7.191	77	253579	48.586	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	270466	49.119	ug/l	99
28) Bromochloromethane	7.533	49	194874	52.773	ug/l	100
29) Tetrahydrofuran	7.551	42	343116	261.023	ug/l	99
30) Chloroform	7.691	83	442803	48.295	ug/l	100
31) Cyclohexane	7.972	56	398586	46.523	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	331488	49.167	ug/l	99
36) 1,1-Dichloropropene	8.093	75	323275	49.119	ug/l	99
37) Ethyl Acetate	7.270	43	235336	52.202	ug/l	99
38) Carbon Tetrachloride	8.081	117	298704	49.068	ug/l	98
39) Methylcyclohexane	9.343	83	400520	48.390	ug/l	95
40) Benzene	8.337	78	965362	48.350	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	124854	51.816	ug/l	99
42) 1,2-Dichloroethane	8.410	62	309517	48.689	ug/l	100
43) Isopropyl Acetate	8.435	43	404537	50.599	ug/l	99
44) Trichloroethene	9.099	130	220185	48.297	ug/l	97
45) 1,2-Dichloropropane	9.374	63	245708	48.634	ug/l	96
46) Dibromomethane	9.465	93	147610	49.868	ug/l	98
47) Bromodichloromethane	9.648	83	338327	49.137	ug/l	98
48) Methyl methacrylate	9.441	41	185235	49.087	ug/l	98
49) 1,4-Dioxane	9.465	88	40812	1027.768	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1171717	262.866	ug/l	100
52) Toluene	10.392	92	591488	48.150	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	337891	49.771	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	381794	48.769	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	195913	49.329	ug/l	98
56) Ethyl methacrylate	10.648	69	288554	50.326	ug/l	99
57) 1,3-Dichloropropane	10.934	76	350279	49.104	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	768053	369.417	ug/l	100
59) 2-Hexanone	10.965	43	856014	265.154	ug/l	99
60) Dibromochloromethane	11.130	129	220989	49.956	ug/l	94
61) 1,2-Dibromoethane	11.233	107	188464	49.074	ug/l	98
64) Tetrachloroethene	10.867	164	184321	51.229	ug/l	84
65) Chlorobenzene	11.654	112	655120	51.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	200023	49.986	ug/l	93
67) Ethyl Benzene	11.727	91	1154078	52.114	ug/l	96
68) m/p-Xylenes	11.837	106	856105	100.732	ug/l	99
69) o-Xylene	12.166	106	404997	51.669	ug/l	98
70) Styrene	12.178	104	718584	52.586	ug/l	99
71) Bromoform	12.349	173	122675	52.798	ug/l #	99
73) Isopropylbenzene	12.465	105	1035995	49.172	ug/l	99
74) N-amyl acetate	12.270	43	368056	50.987	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.709	83	255045	50.282	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	188621m	50.744	ug/l	
77) Bromobenzene	12.745	156	238111	49.250	ug/l	95
78) n-propylbenzene	12.800	91	1334360	49.581	ug/l	100
79) 2-Chlorotoluene	12.891	91	780705	49.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	868733	49.090	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	87445	58.405	ug/l	98
82) 4-Chlorotoluene	12.983	91	808154	48.168	ug/l	99
83) tert-Butylbenzene	13.202	119	741378	49.178	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	886763	49.685	ug/l	98
85) sec-Butylbenzene	13.379	105	1111465	48.153	ug/l	99
86) p-Isopropyltoluene	13.495	119	929492	49.510	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	474309	47.930	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	469535	47.649	ug/l	96
89) n-Butylbenzene	13.818	91	935349	49.589	ug/l	100
90) Hexachloroethane	14.092	117	168763	48.129	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	443183	49.616	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43613	48.411	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	252817	47.654	ug/l	99
94) Hexachlorobutadiene	15.226	225	119397	47.610	ug/l	97
95) Naphthalene	15.354	128	639534	57.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	244529	48.761	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050

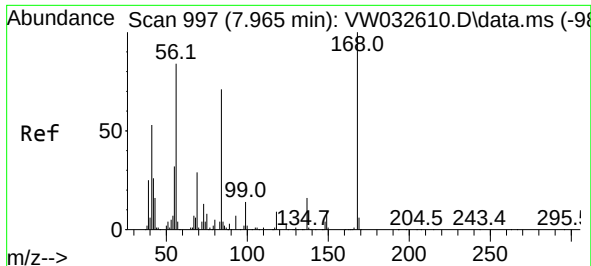
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

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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Quant Title : SW846 8260
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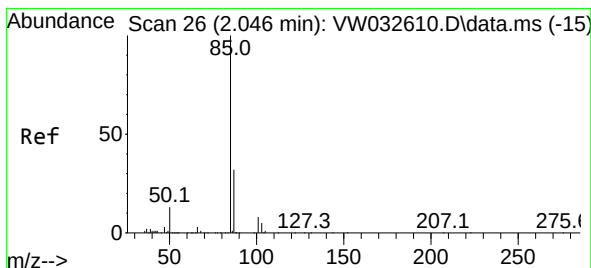
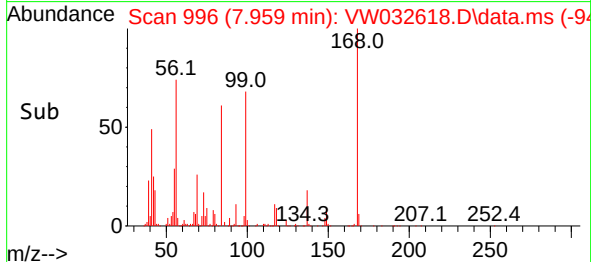
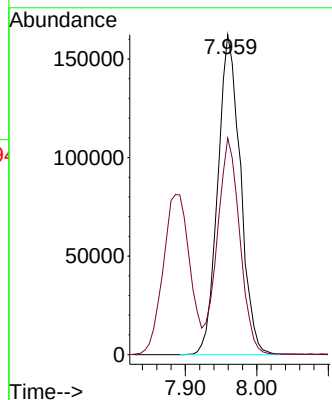
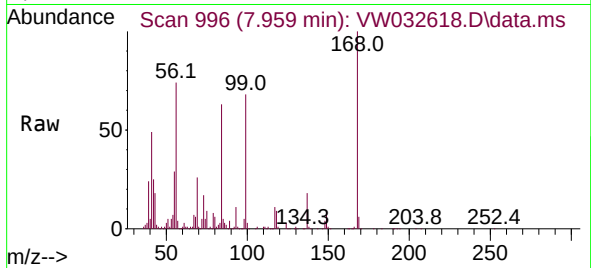




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

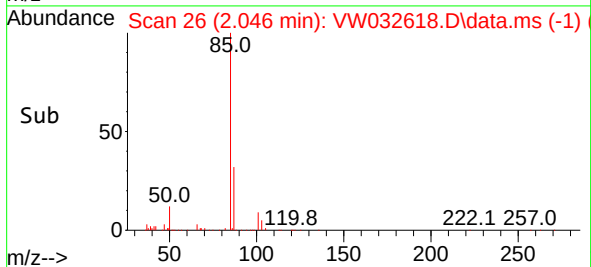
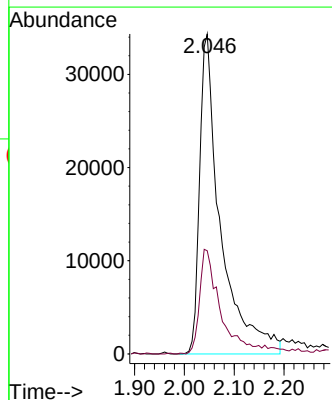
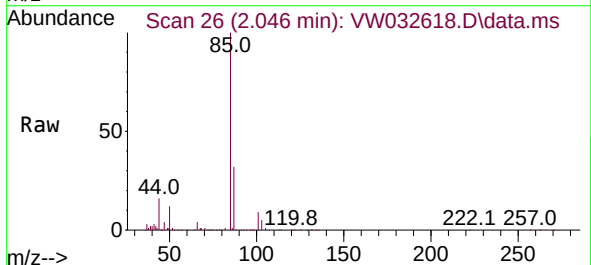
Instrument :
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ClientSampleId :
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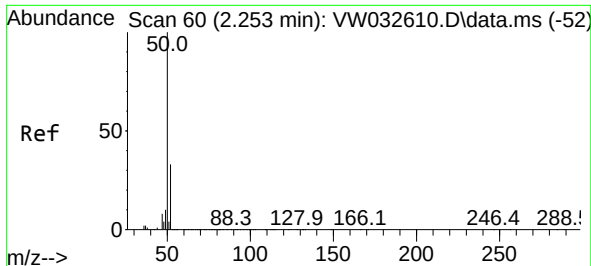
Tgt Ion:168 Resp: 355694
Ion Ratio Lower Upper
168 100
99 67.5 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 45.420 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 85 Resp: 100321
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.3

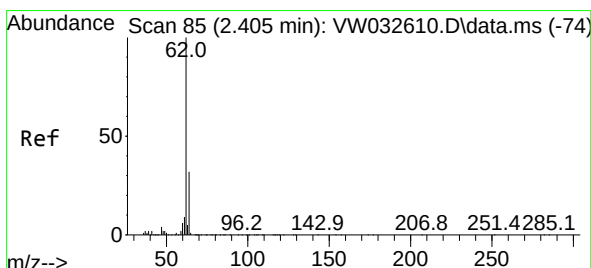
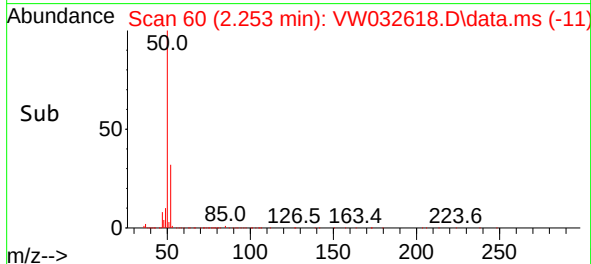
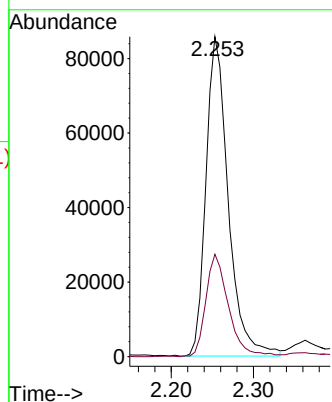
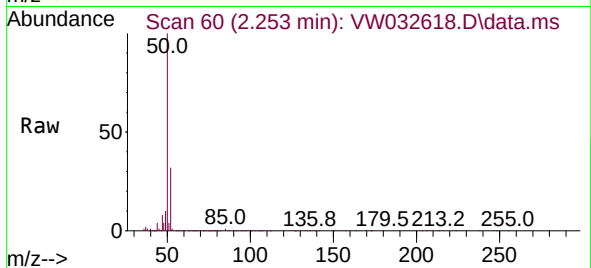




#3
Chloromethane
Concen: 41.427 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

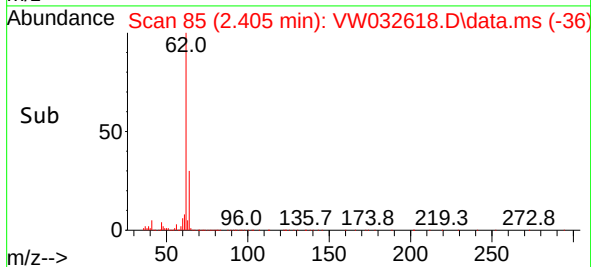
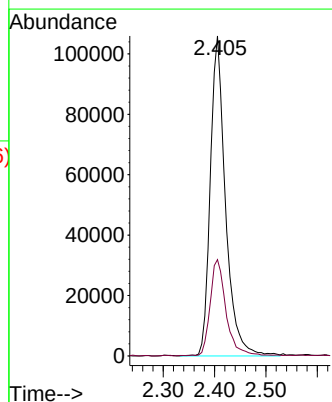
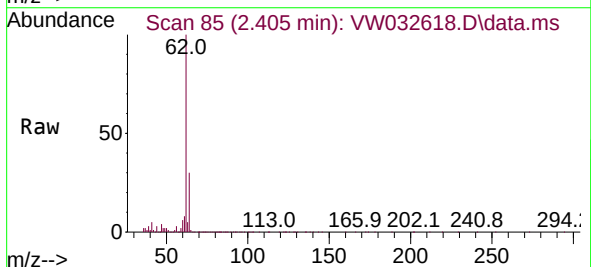
Instrument :
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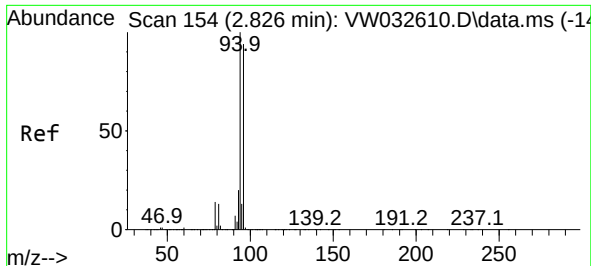
Tgt Ion: 50 Resp: 161415
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 46.751 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 62 Resp: 217363
Ion Ratio Lower Upper
62 100
64 30.0 25.3 37.9

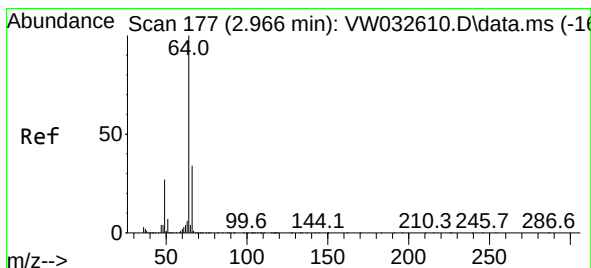
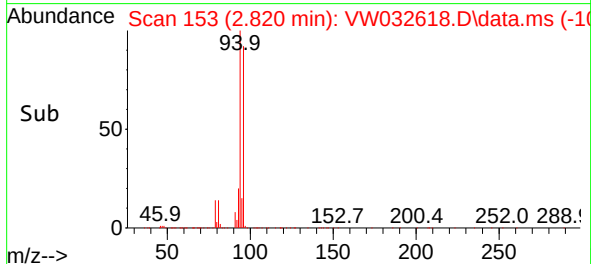
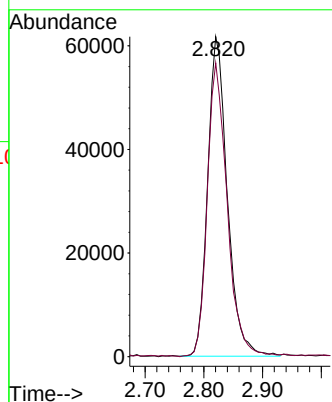
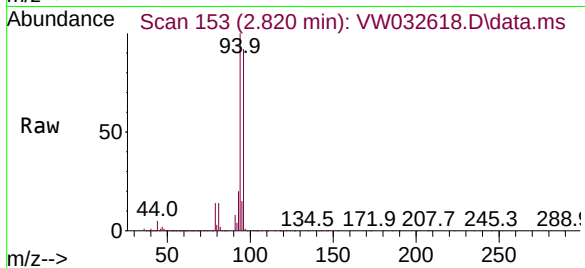




#5
Bromomethane
Concen: 46.370 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

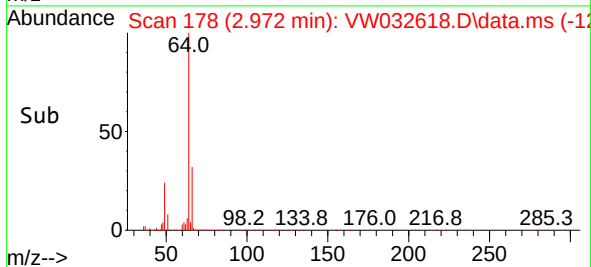
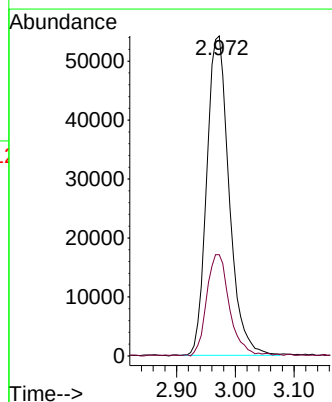
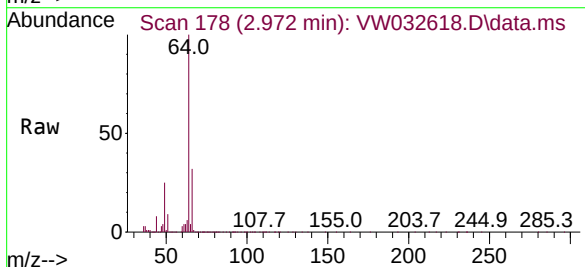
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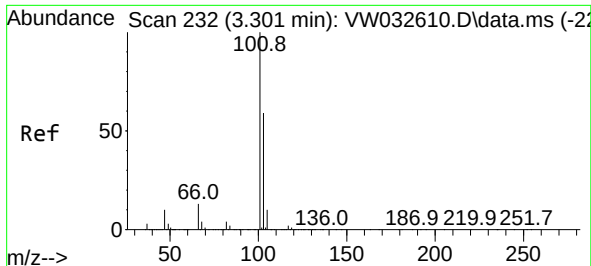
Tgt Ion: 94 Resp: 143589
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2



#6
Chloroethane
Concen: 47.804 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 64 Resp: 143411
Ion Ratio Lower Upper
64 100
66 31.5 27.3 40.9

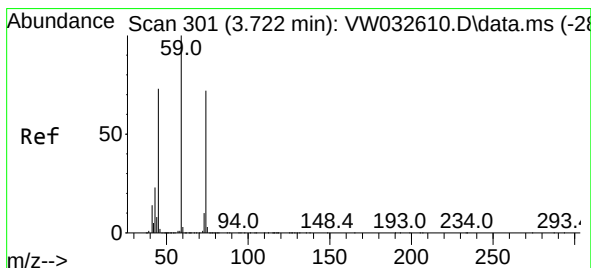
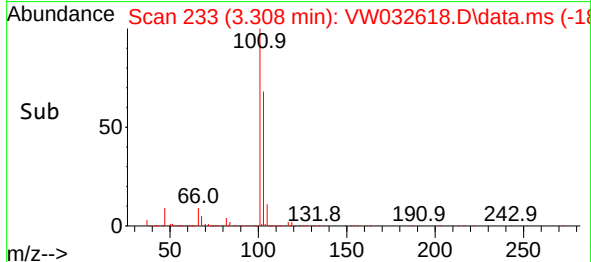
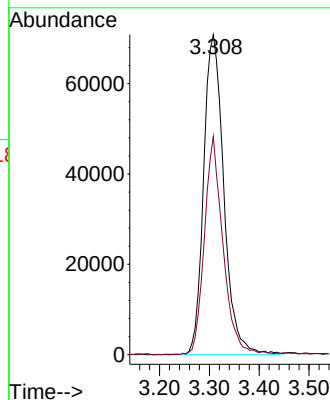
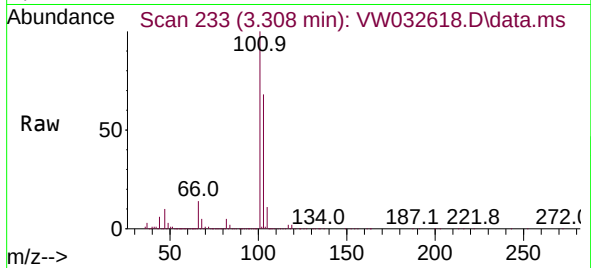




#7
 Trichlorofluoromethane
 Concen: 49.014 ug/l
 RT: 3.308 min Scan# 232
 Delta R.T. 0.006 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

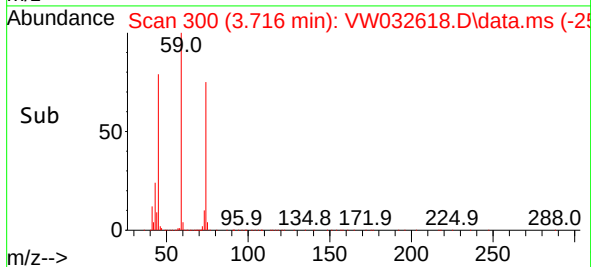
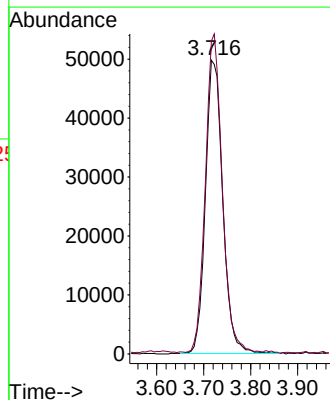
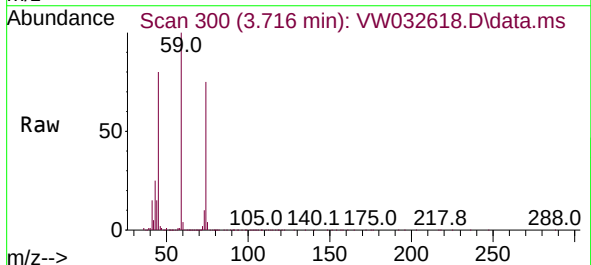
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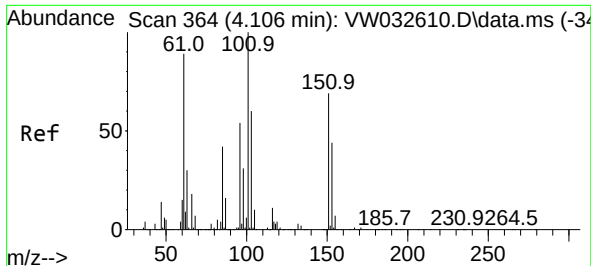
Tgt Ion:101 Resp: 199504
 Ion Ratio Lower Upper
 101 100
 103 68.1 47.3 70.9



#8
 Diethyl Ether
 Concen: 46.789 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

Tgt Ion: 74 Resp: 127526
 Ion Ratio Lower Upper
 74 100
 45 106.3 52.4 157.2

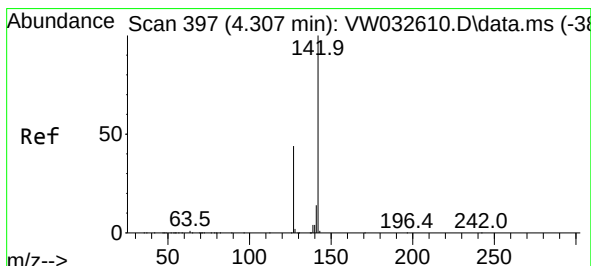
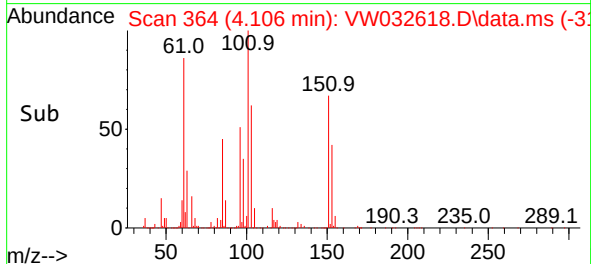
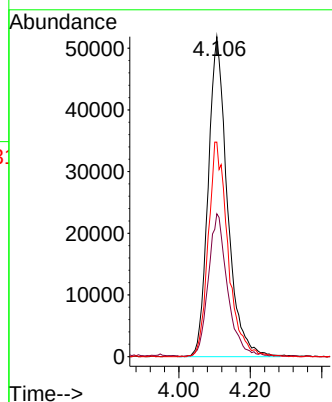
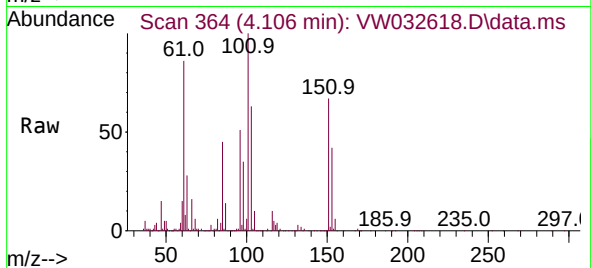




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.335 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032618.D
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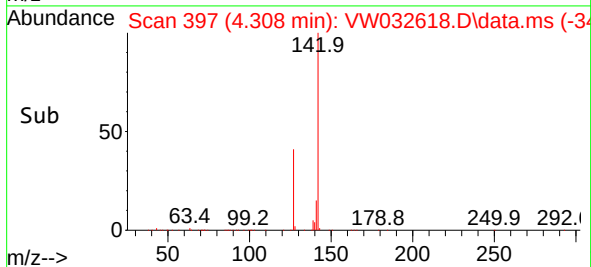
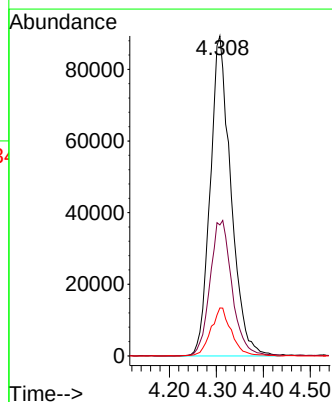
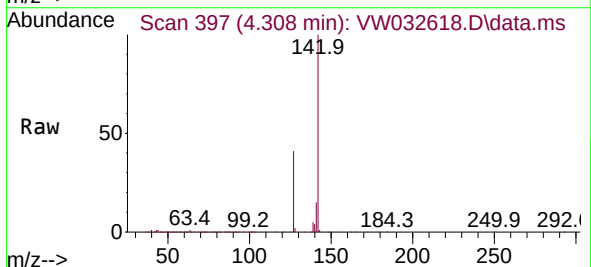
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

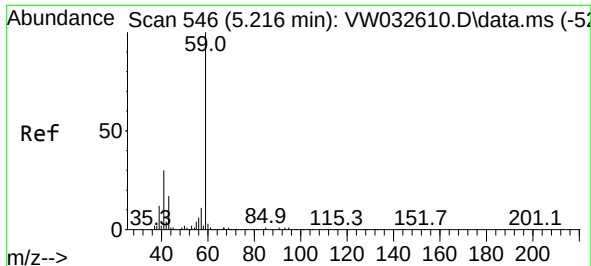
Tgt Ion:101 Resp: 192939
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 69.1 56.7 85.1



#10
Methyl Iodide
Concen: 48.228 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion:142 Resp: 273740
Ion Ratio Lower Upper
142 100
127 45.2 36.0 54.0
141 14.8 11.6 17.4

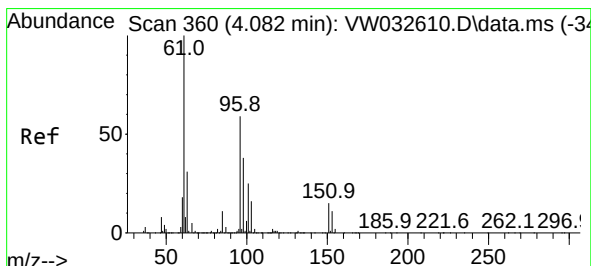
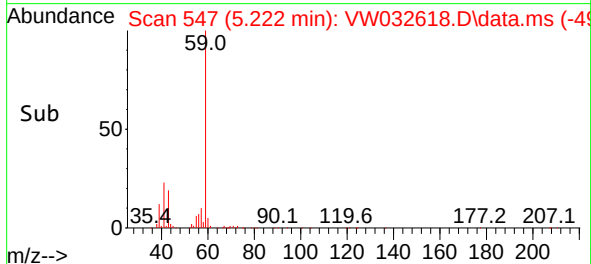
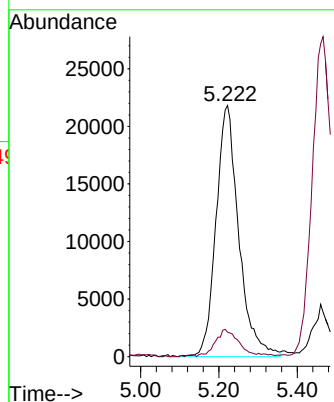
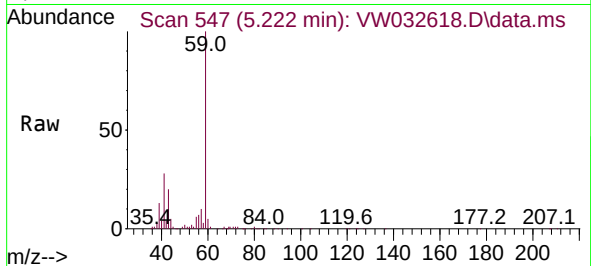




#11
Tert butyl alcohol
Concen: 237.658 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

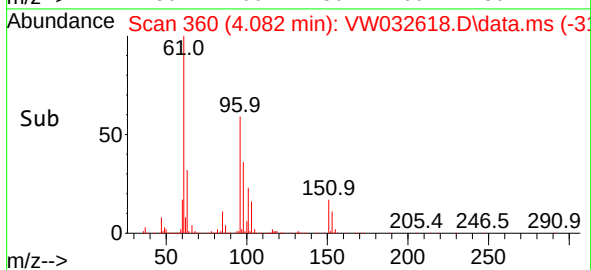
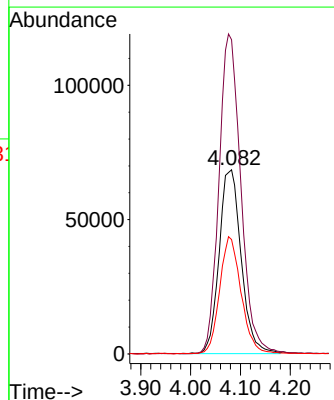
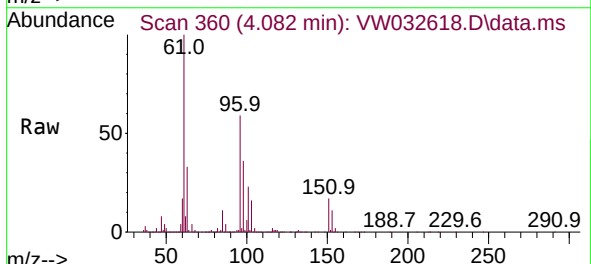
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

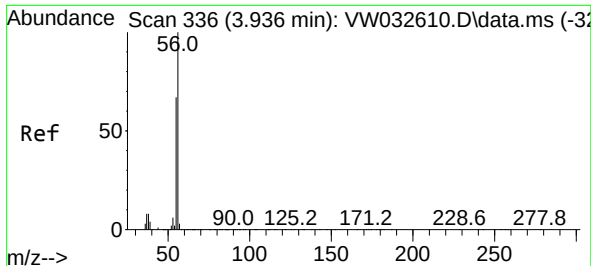
Tgt Ion: 59 Resp: 87788
Ion Ratio Lower Upper
59 100
57 10.9 9.4 14.0



#12
1,1-Dichloroethene
Concen: 48.876 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 96 Resp: 211044
Ion Ratio Lower Upper
96 100
61 170.8 134.6 202.0
98 62.1 51.1 76.7

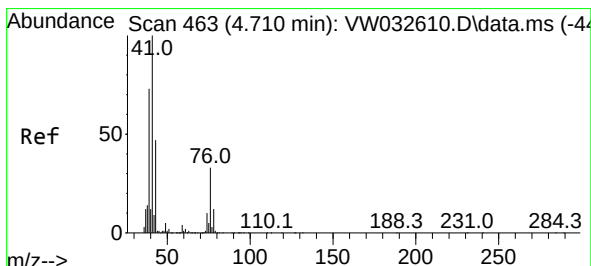
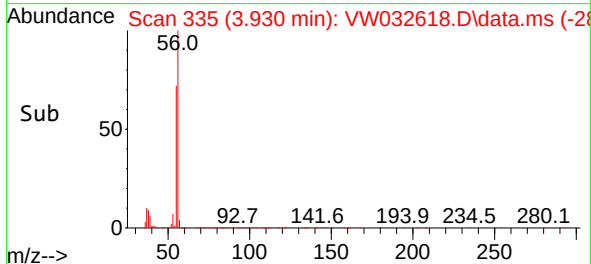
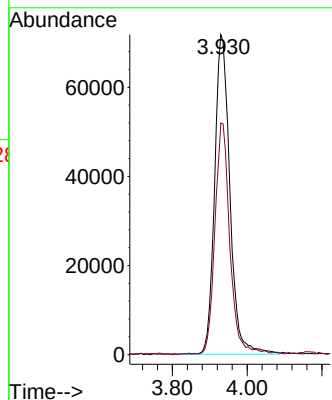
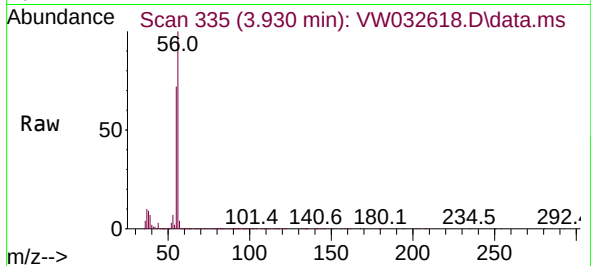




#13
Acrolein
Concen: 327.451 ug/l
RT: 3.930 min Scan# 336
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

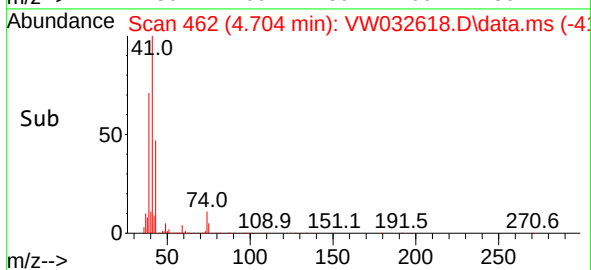
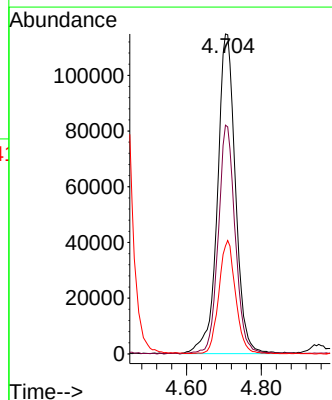
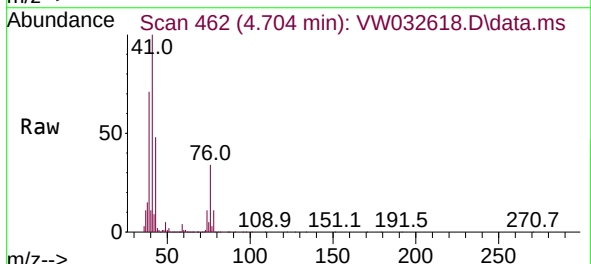
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

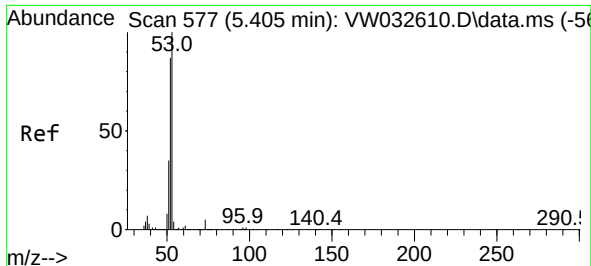
Tgt Ion: 56 Resp: 203608
Ion Ratio Lower Upper
56 100
55 70.0 56.0 84.0



#14
Allyl chloride
Concen: 47.849 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 41 Resp: 384084
Ion Ratio Lower Upper
41 100
39 67.6 54.2 81.2
76 32.7 26.3 39.5

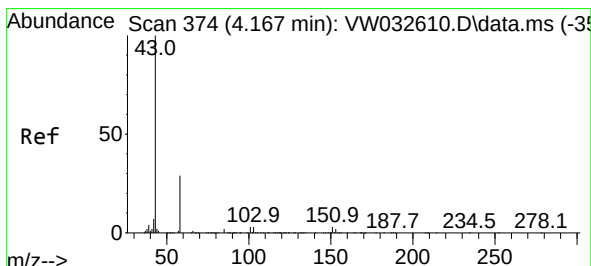
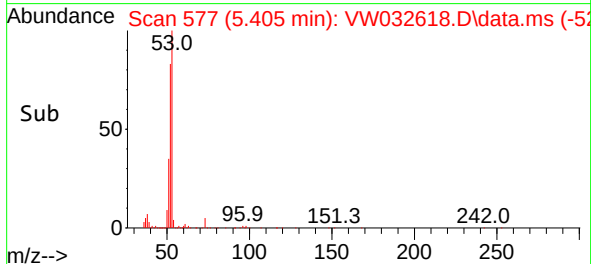
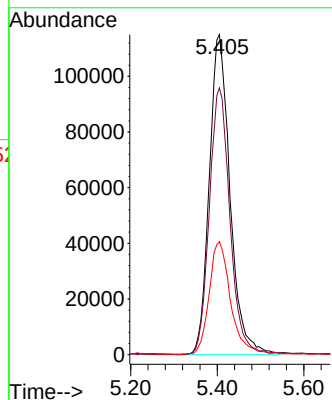
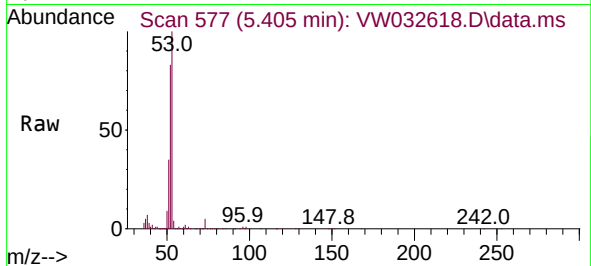




#15
Acrylonitrile
Concen: 251.171 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

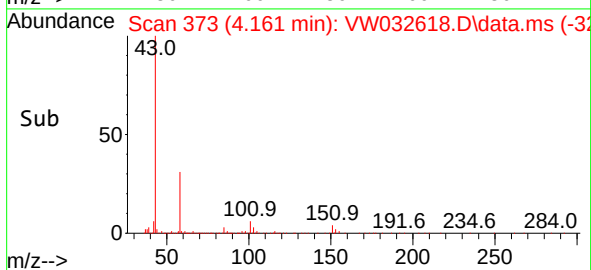
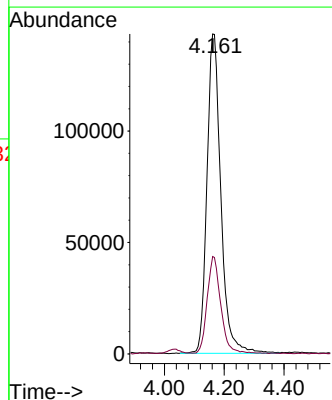
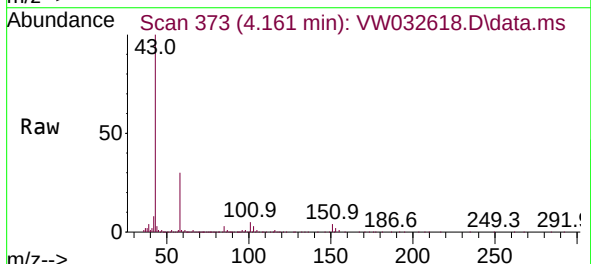
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

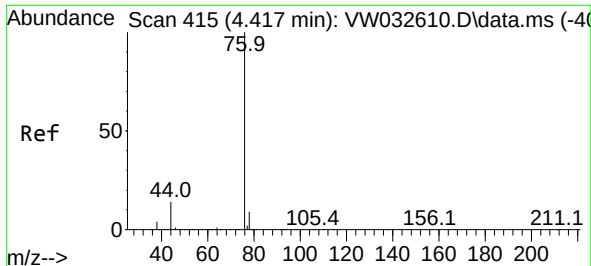
Tgt Ion: 53	Resp: 382558
Ion Ratio	Lower Upper
53 100	
52 82.3	66.7 100.1
51 36.2	29.8 44.6



#16
Acetone
Concen: 247.814 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 43	Resp: 461784
Ion Ratio	Lower Upper
43 100	
58 30.4	23.9 35.9

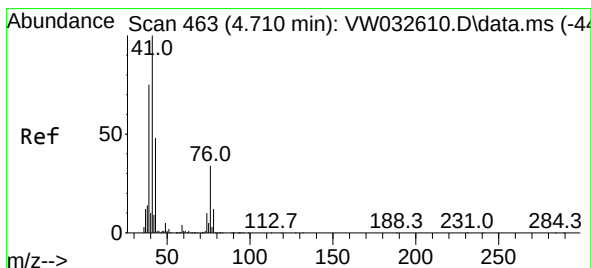
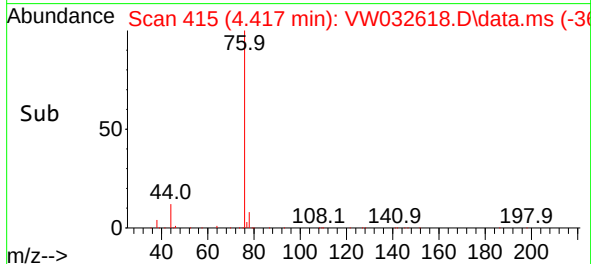
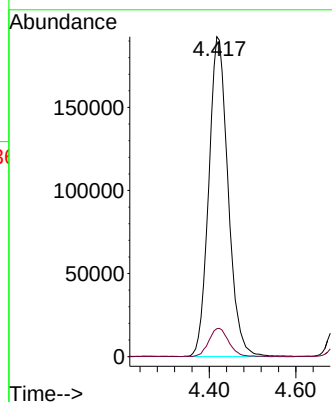
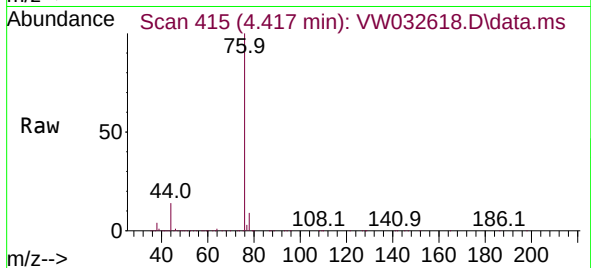




#17
Carbon Disulfide
Concen: 47.482 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

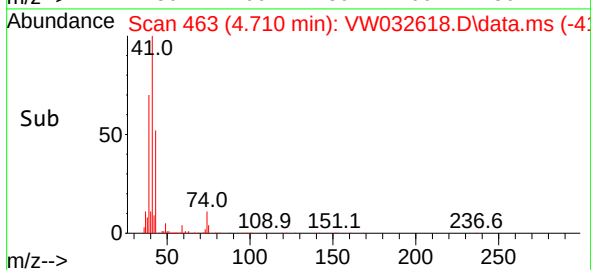
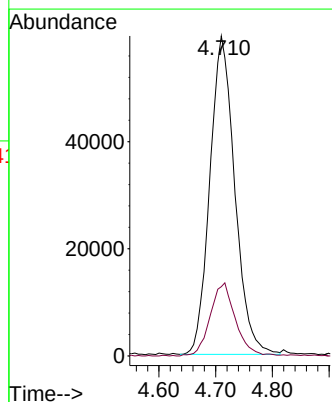
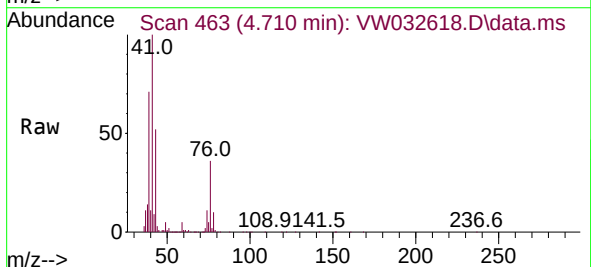
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

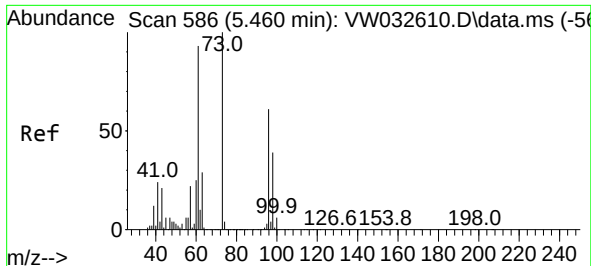
Tgt Ion: 76 Resp: 595863
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 50.005 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 43 Resp: 181777
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 50.851 ug/l

RT: 5.460 min Scan# 586

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

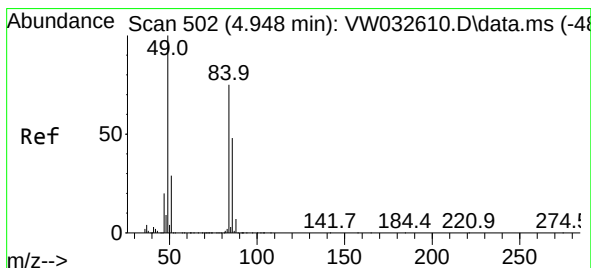
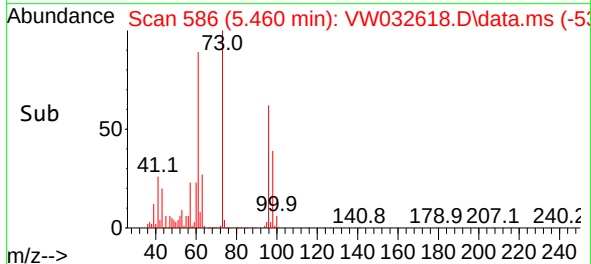
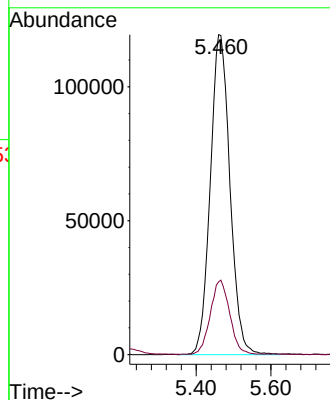
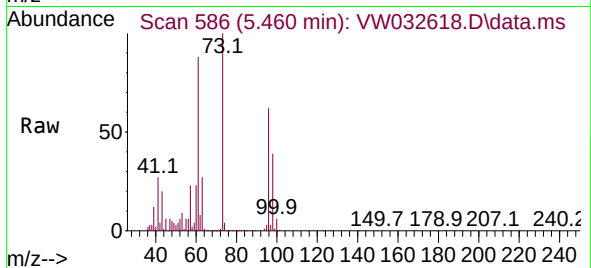
VSTDCCC050

Tgt Ion: 73 Resp: 435938

Ion Ratio Lower Upper

73 100

57 22.6 17.3 25.9



#20

Methylene Chloride

Concen: 42.240 ug/l

RT: 4.954 min Scan# 503

Delta R.T. 0.006 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Tgt Ion: 84 Resp: 240300

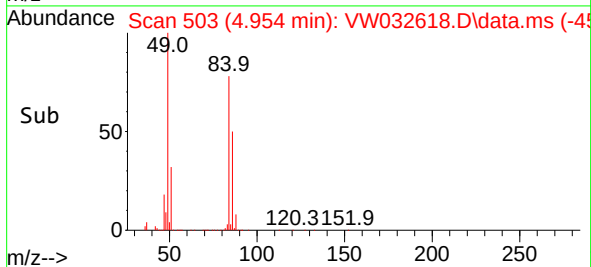
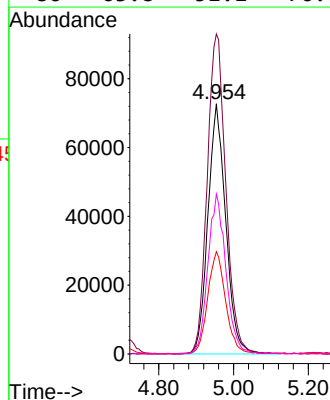
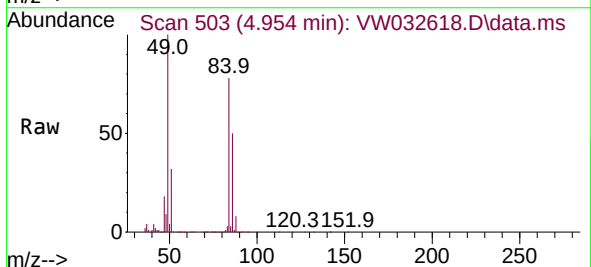
Ion Ratio Lower Upper

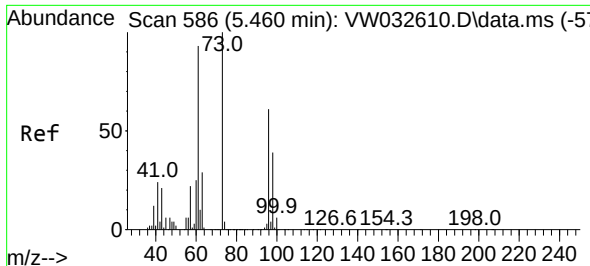
84 100

49 127.7 106.9 160.3

51 40.8 31.4 47.2

86 63.8 51.1 76.7

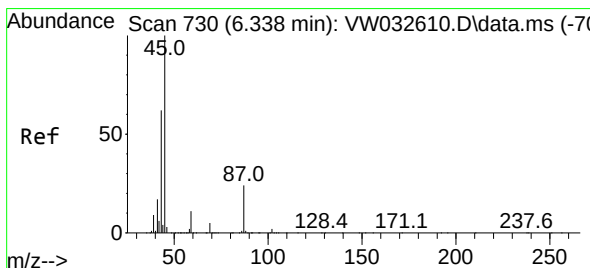
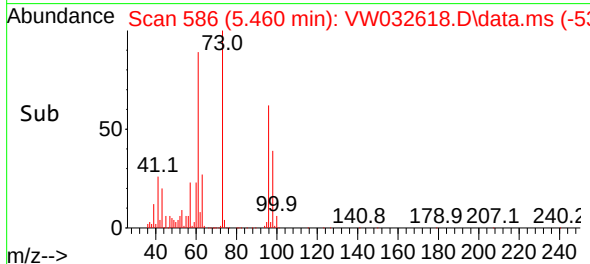
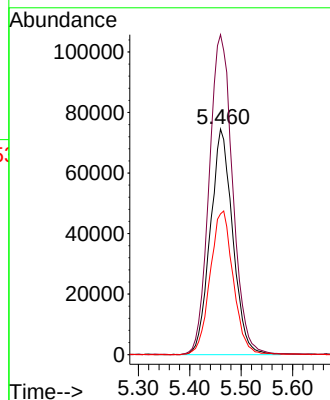
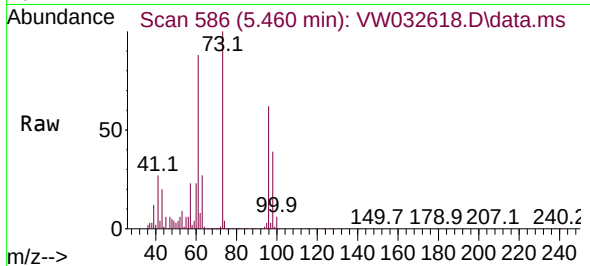




#21
trans-1,2-Dichloroethene
Concen: 47.980 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

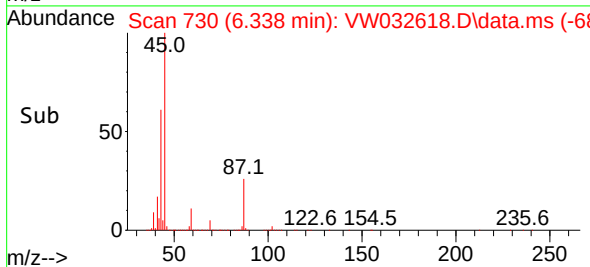
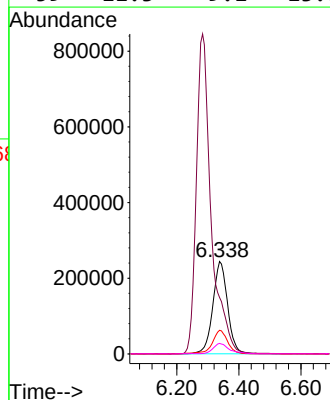
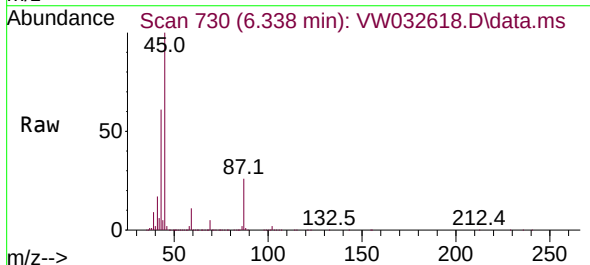
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

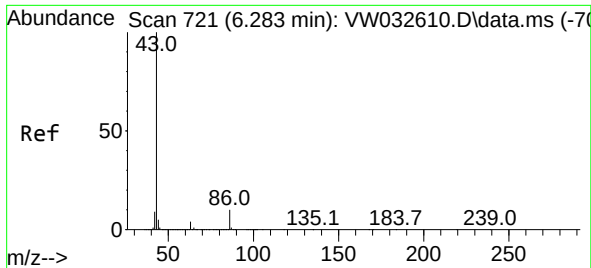
Tgt Ion: 96 Resp: 226269
Ion Ratio Lower Upper
96 100
61 141.8 121.7 182.5
98 62.4 50.6 76.0



#22
Diisopropyl ether
Concen: 49.733 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 45 Resp: 808322
Ion Ratio Lower Upper
45 100
43 61.0 49.1 73.7
87 25.5 19.7 29.5
59 11.3 9.1 13.7

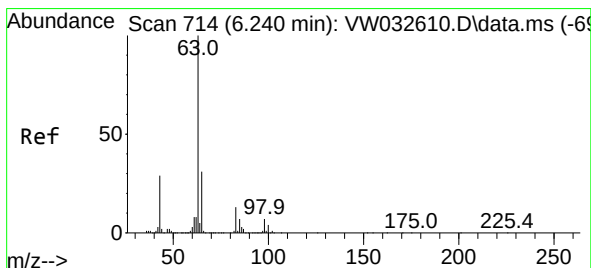
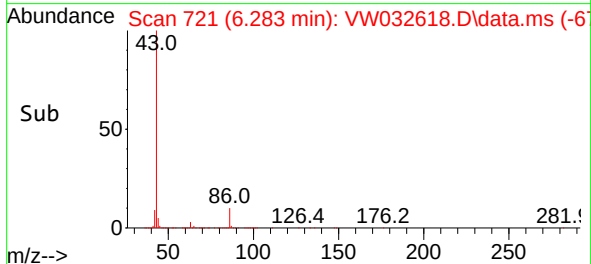
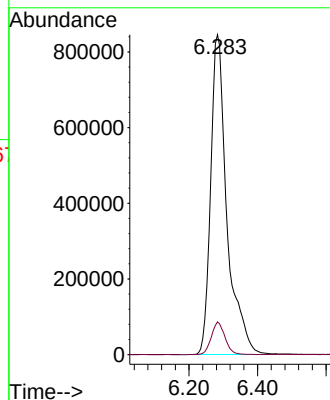
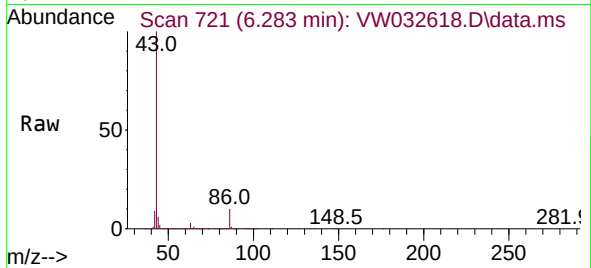




#23
 Vinyl Acetate
 Concen: 253.847 ug/l
 RT: 6.283 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

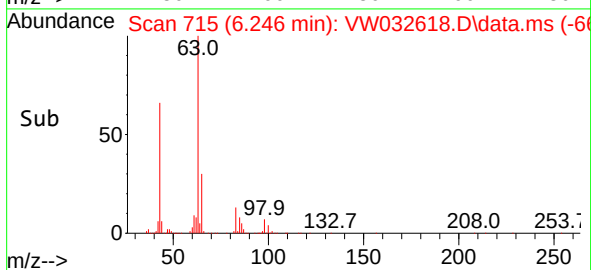
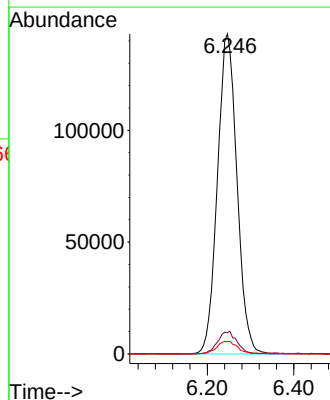
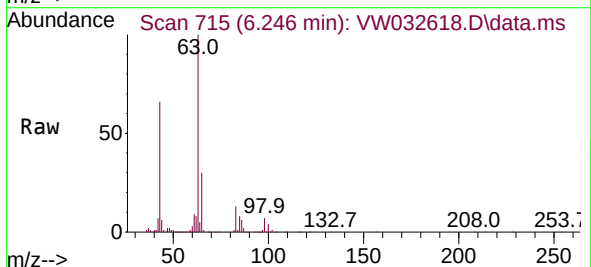
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

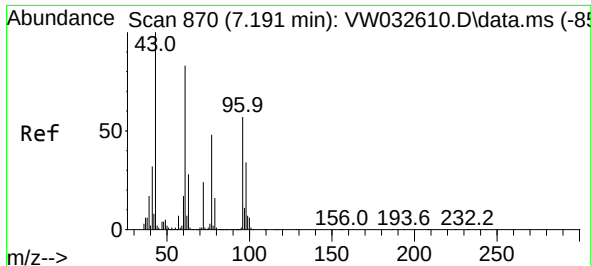
Tgt Ion: 43 Resp: 2789755
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.253 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

Tgt Ion: 63 Resp: 448518
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.8 2.1 6.5

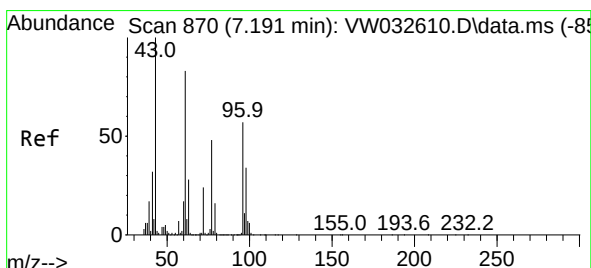
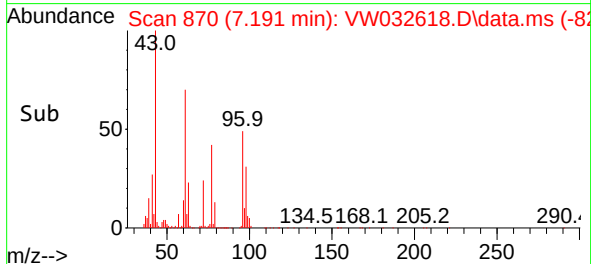
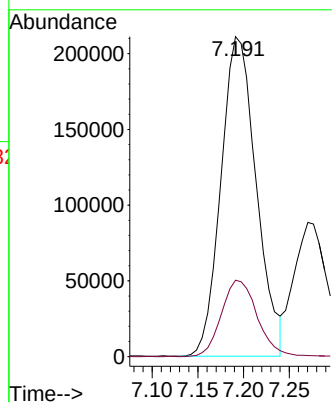
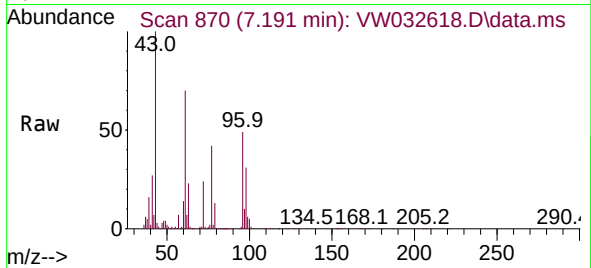




#25
2-Butanone
Concen: 259.311 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

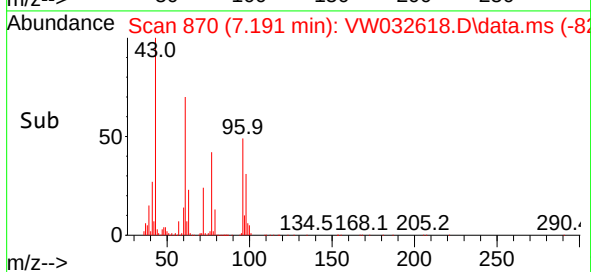
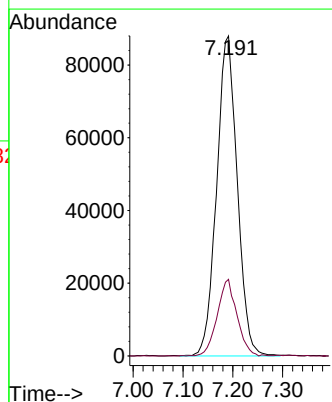
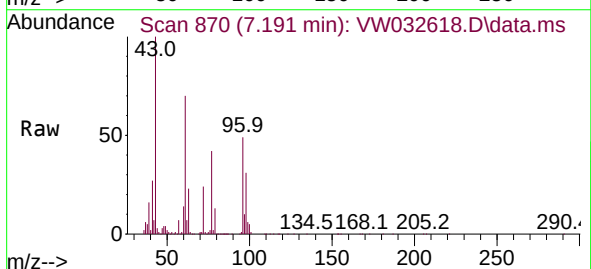
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

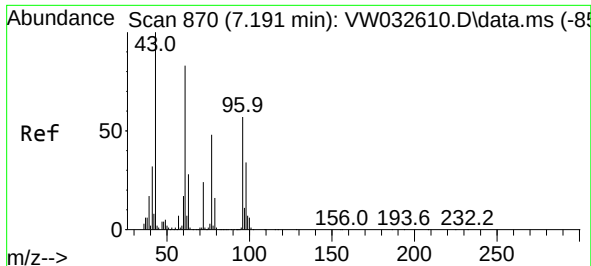
Tgt Ion: 43 Resp: 567777
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.0



#26
2,2-Dichloropropane
Concen: 48.586 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 77 Resp: 253579
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9

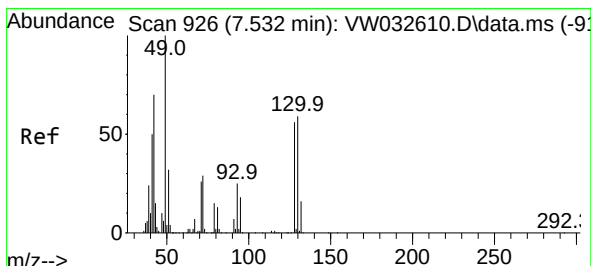
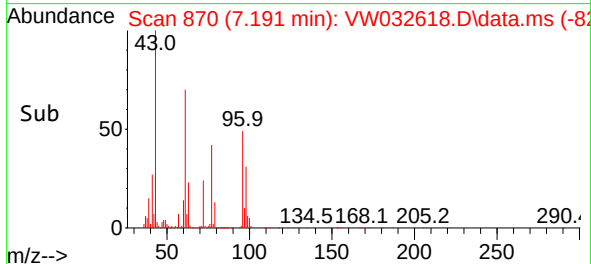
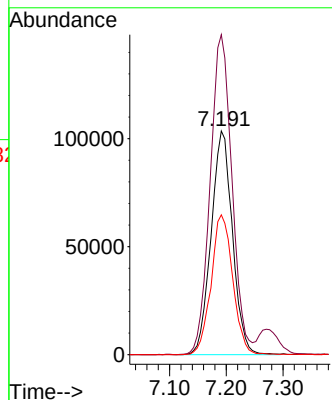
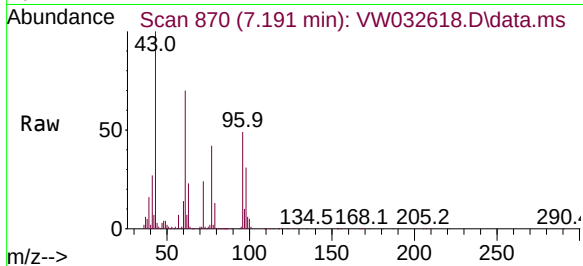




#27
 cis-1,2-Dichloroethene
 Concen: 49.119 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

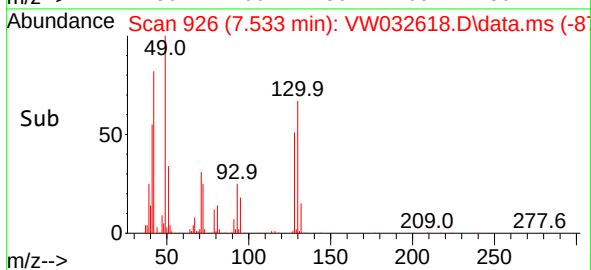
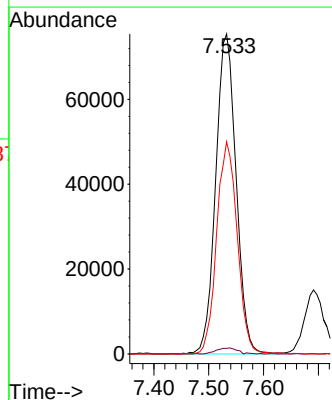
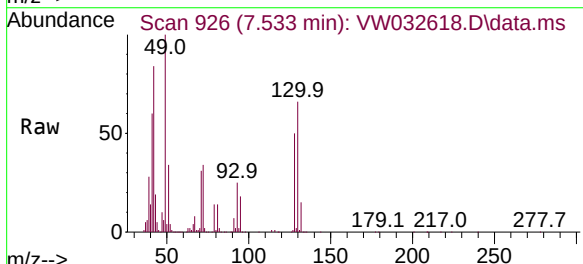
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

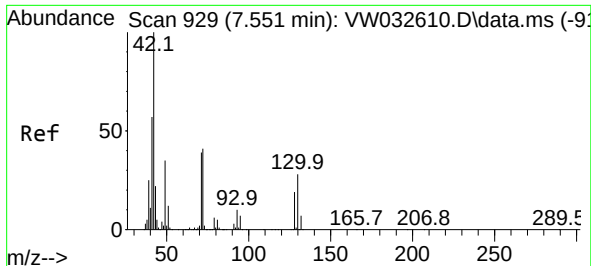
Tgt Ion: 96 Resp: 270466
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 295.8
 98 63.4 0.0 127.2



#28
 Bromochloromethane
 Concen: 52.773 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

Tgt Ion: 49 Resp: 194874
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 66.7 53.3 79.9





#29

Tetrahydrofuran

Concen: 261.023 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

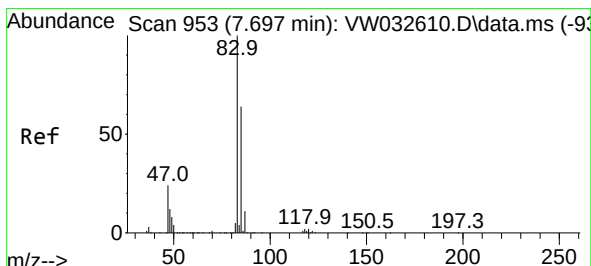
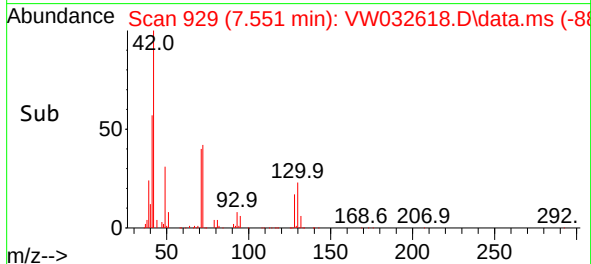
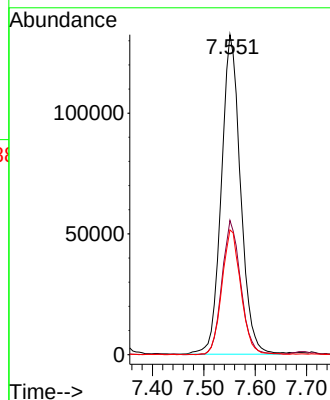
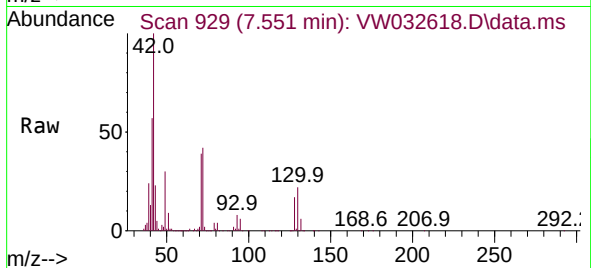
Tgt Ion: 42 Resp: 343116

Ion Ratio Lower Upper

42 100

72 41.1 33.2 49.8

71 38.7 30.7 46.1



#30

Chloroform

Concen: 48.295 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032618.D

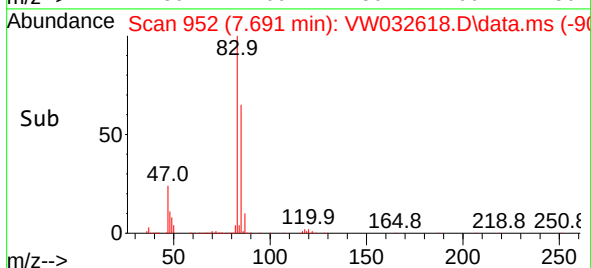
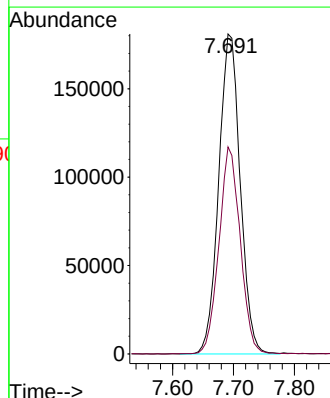
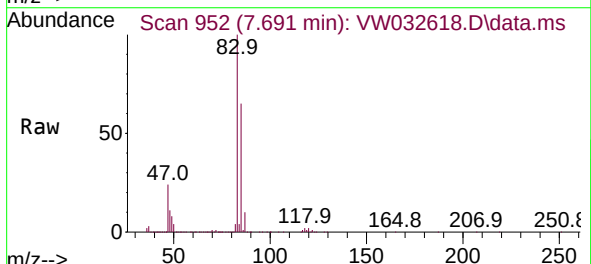
Acq: 11 Dec 2025 08:12

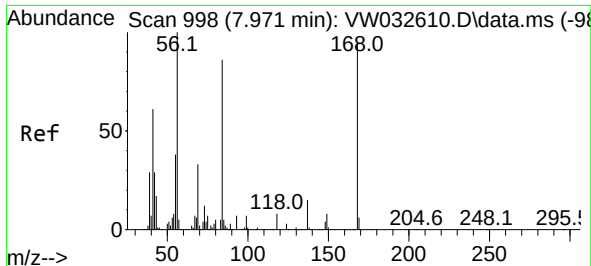
Tgt Ion: 83 Resp: 442803

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.2

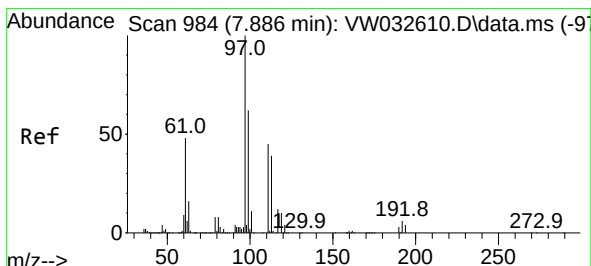
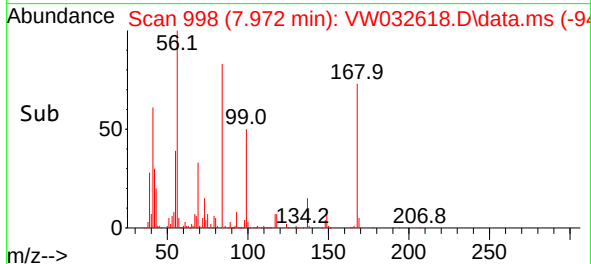
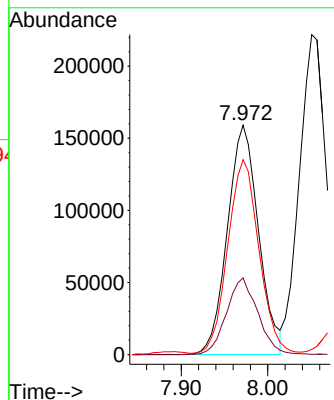
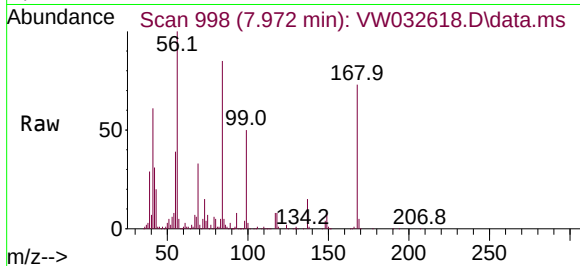




#31
Cyclohexane
Concen: 46.523 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

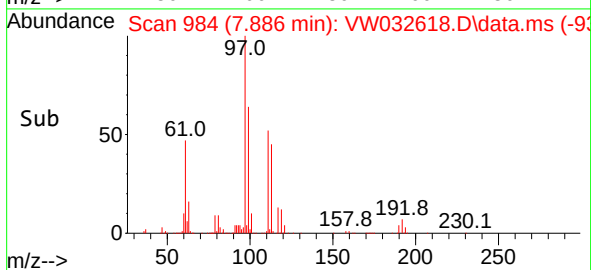
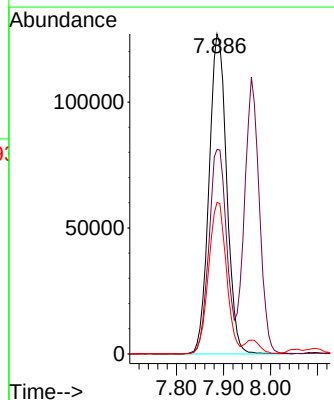
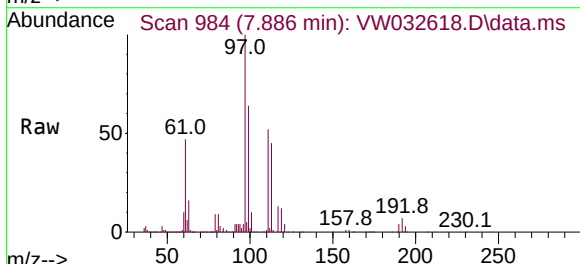
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

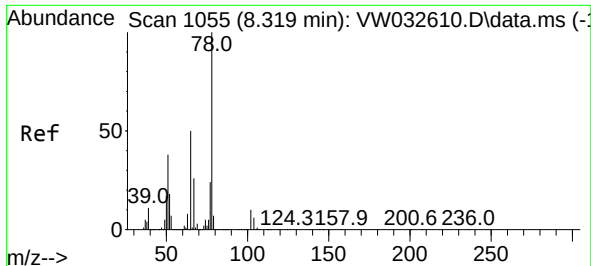
Tgt Ion: 56 Resp: 398586
Ion Ratio Lower Upper
56 100
69 33.5 26.2 39.2
84 84.0 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 49.167 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 97 Resp: 331488
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 48.0 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 51.296 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

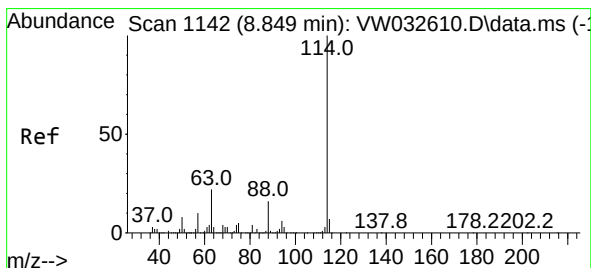
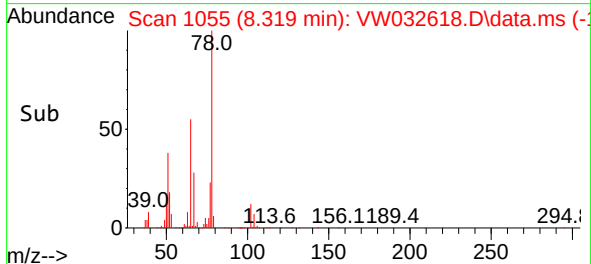
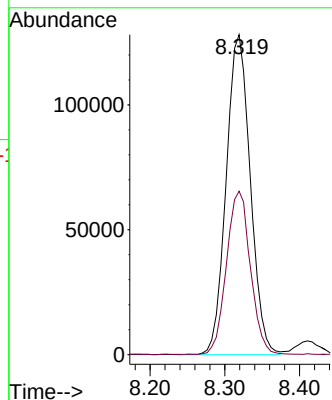
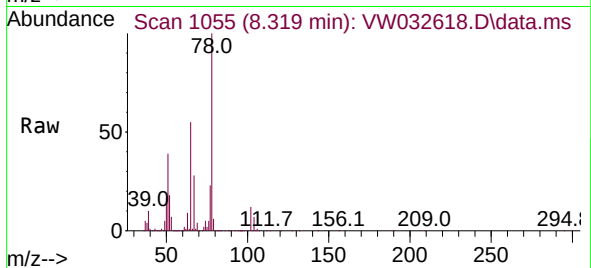
VSTDCCC050

Tgt Ion: 65 Resp: 287418

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

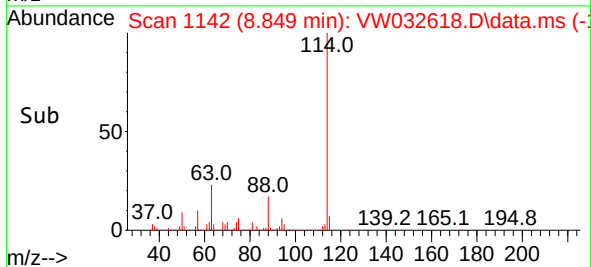
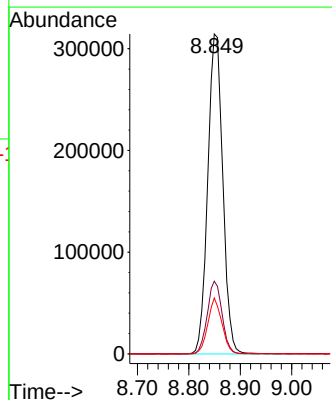
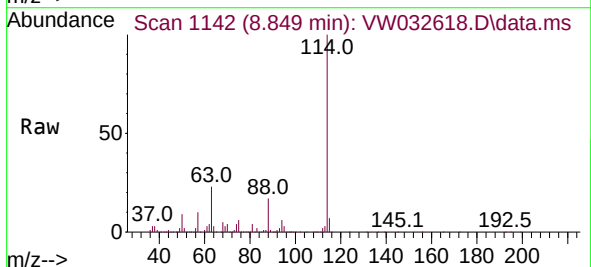
Tgt Ion: 114 Resp: 639261

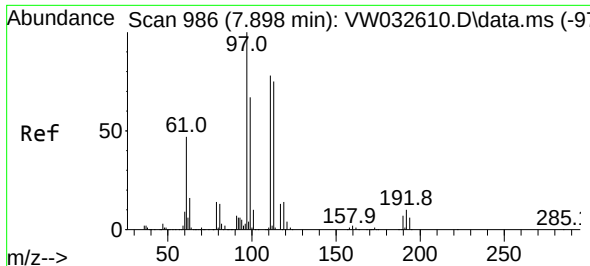
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 17.5 0.0 31.8

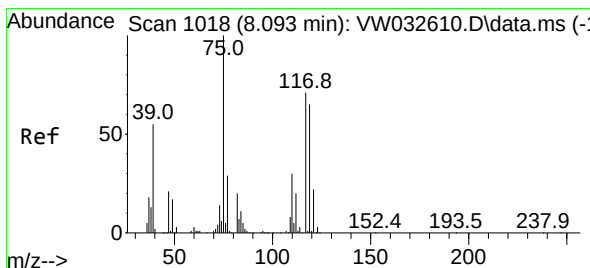
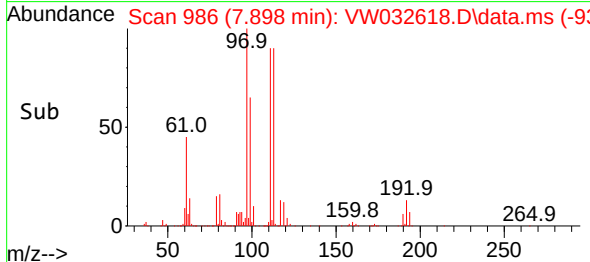
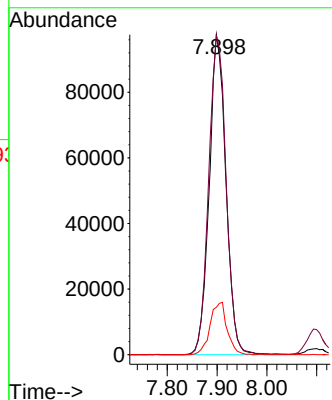
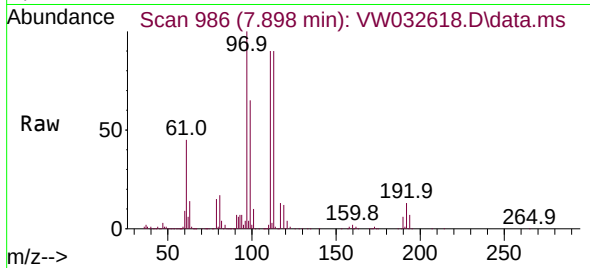




#35
 Dibromofluoromethane
 Concen: 49.833 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

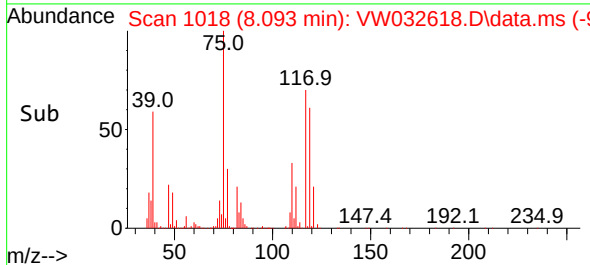
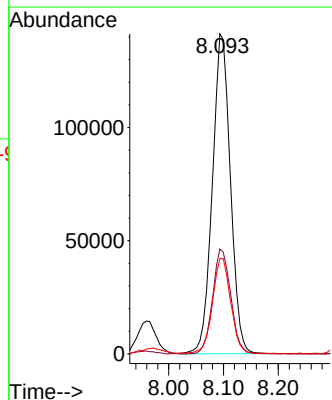
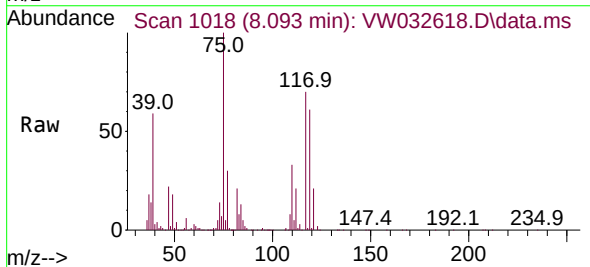
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

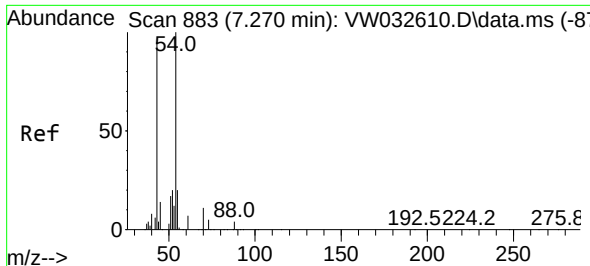
Tgt Ion:113 Resp: 226988
 Ion Ratio Lower Upper
 113 100
 111 103.9 85.2 127.8
 192 16.6 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 49.119 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

Tgt Ion: 75 Resp: 323275
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.3 48.9
 77 30.1 24.6 37.0

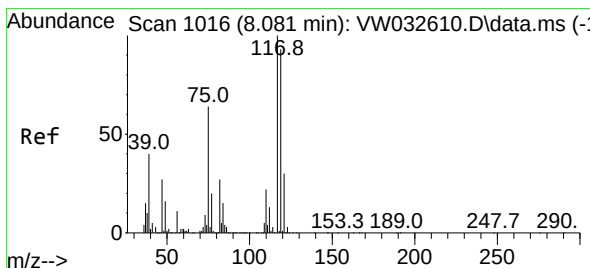
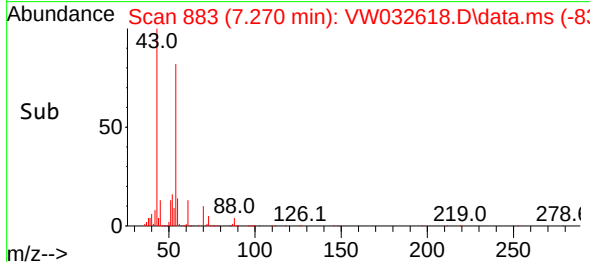
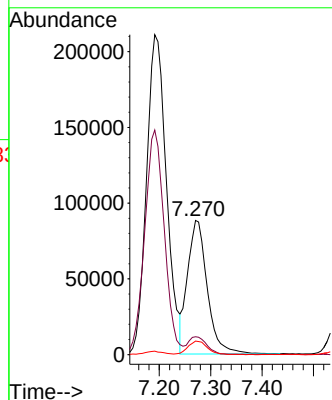
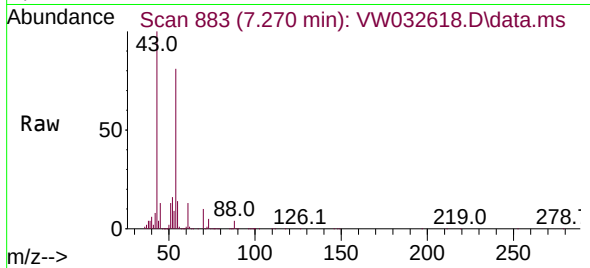




#37
Ethyl Acetate
Concen: 52.202 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

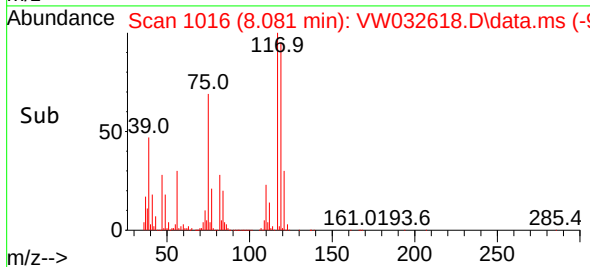
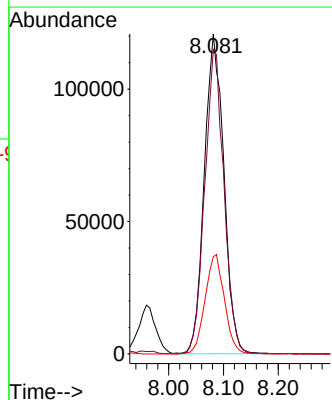
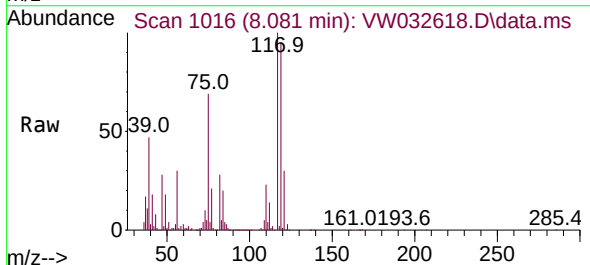
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

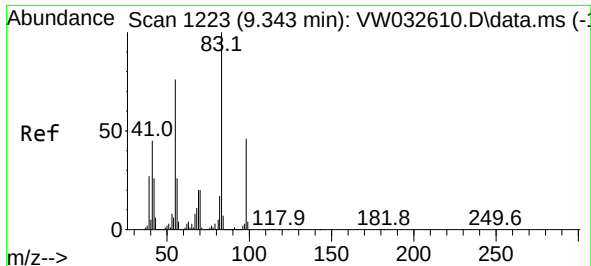
Tgt Ion: 43 Resp: 235336
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.068 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 117 Resp: 298704
Ion Ratio Lower Upper
117 100
119 95.1 74.3 111.5
121 30.4 23.6 35.4

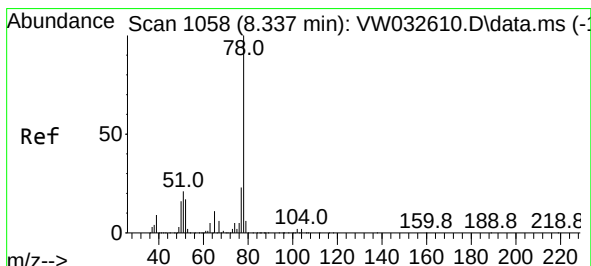
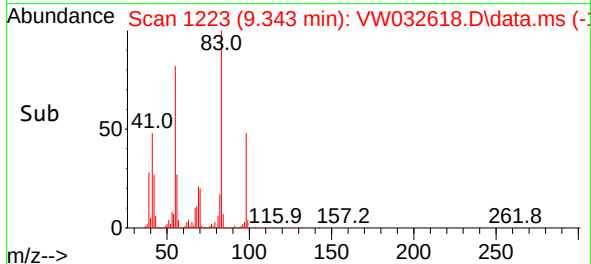
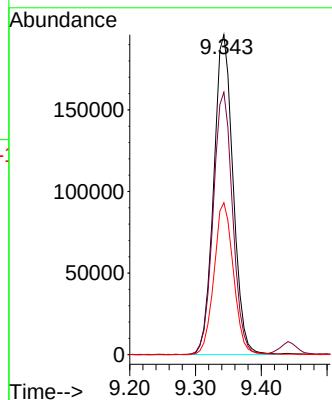
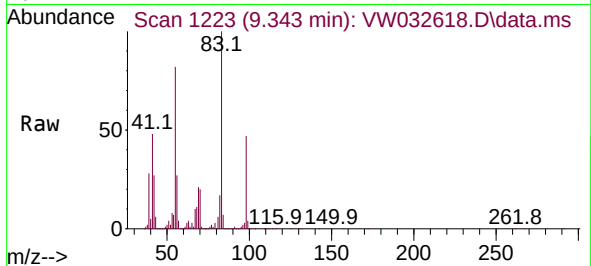




#39
Methylcyclohexane
Concen: 48.390 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

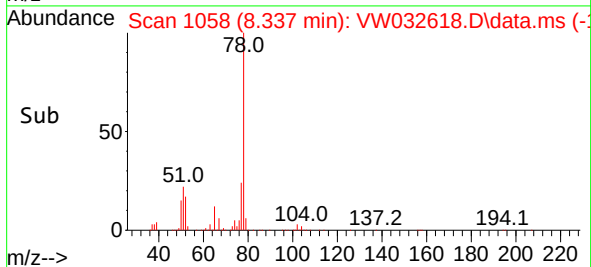
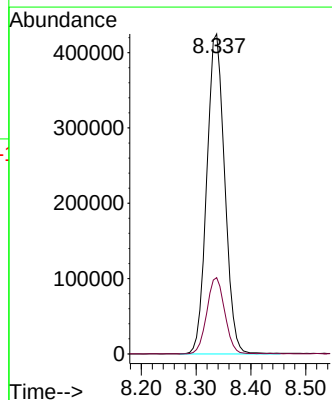
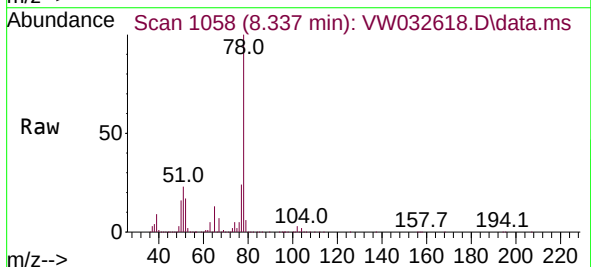
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

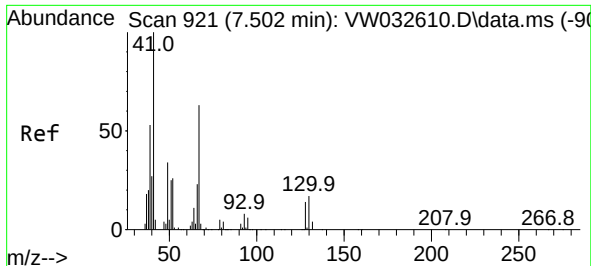
Tgt Ion: 83 Resp: 400520
Ion Ratio Lower Upper
83 100
55 82.0 61.2 91.8
98 47.5 37.0 55.4



#40
Benzene
Concen: 48.350 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 78 Resp: 965362
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0



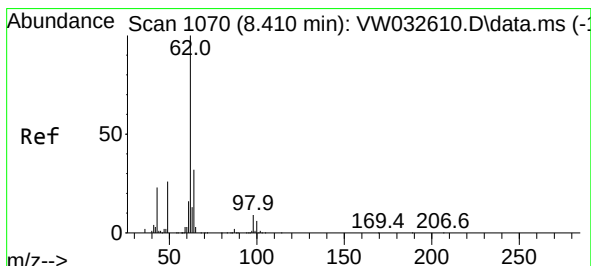
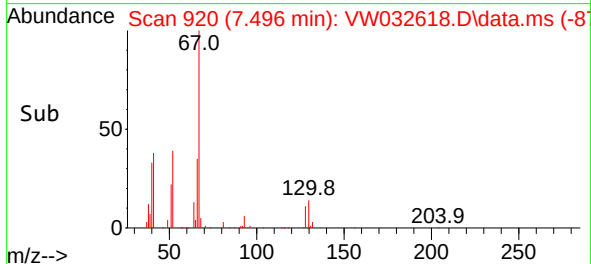
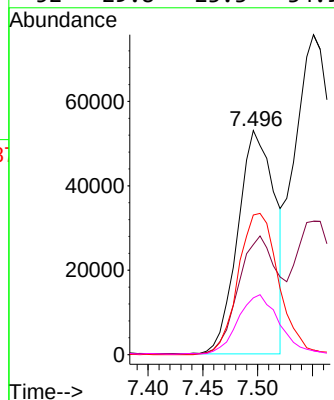
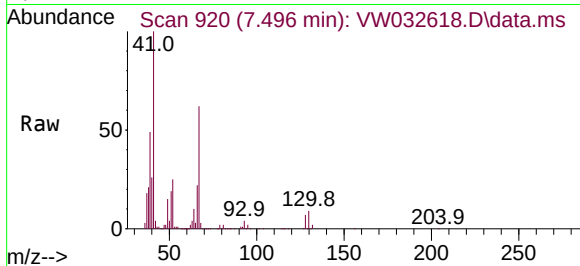


#41
Methacrylonitrile
Concen: 51.816 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 124854

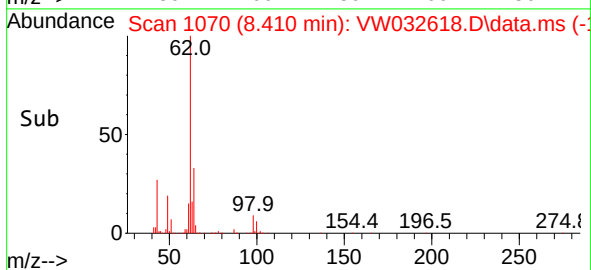
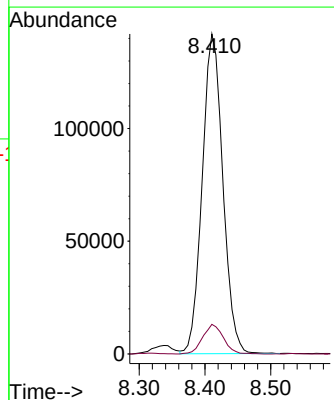
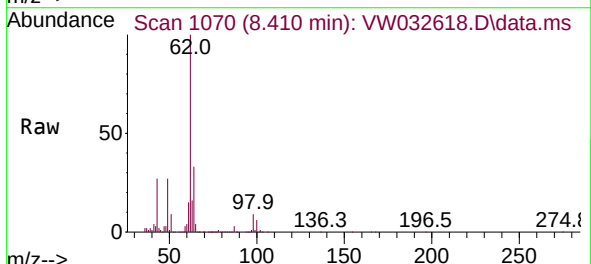
Ion	Ratio	Lower	Upper
41	100		
39	58.3	47.3	70.9
67	69.5	55.9	83.9
52	29.8	23.3	34.9

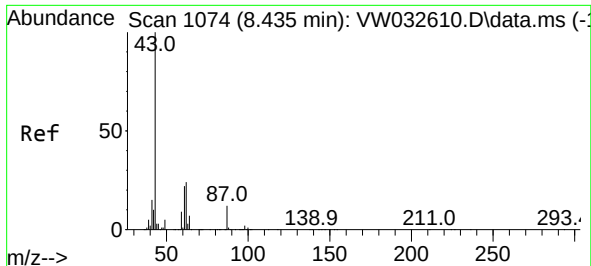


#42
1,2-Dichloroethane
Concen: 48.689 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 62 Resp: 309517

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8

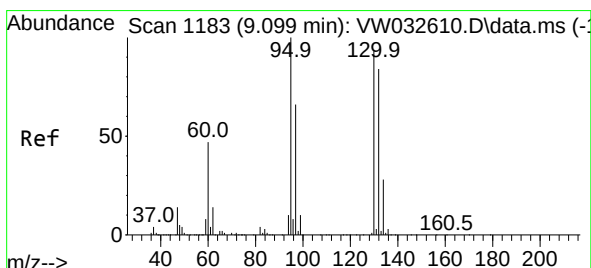
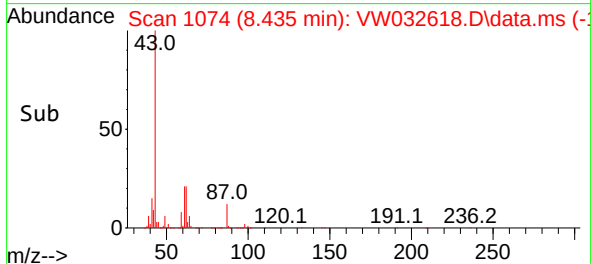
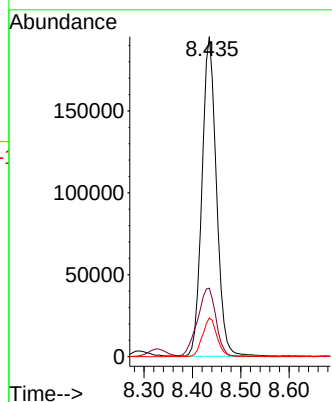
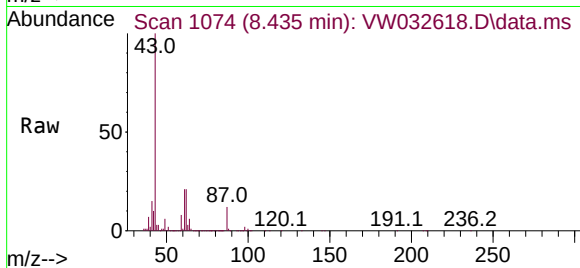




#43
Isopropyl Acetate
Concen: 50.599 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

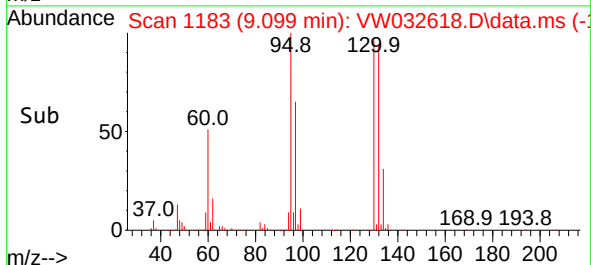
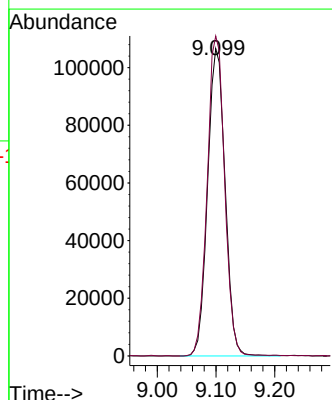
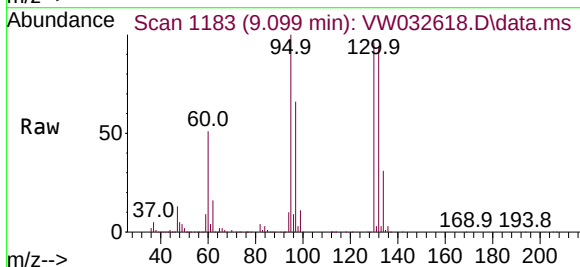
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MSVOA_W
ClientSampleId :
VSTDCCC050

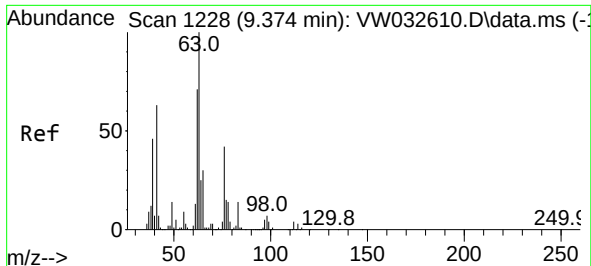
Tgt Ion: 43 Resp: 404537
Ion Ratio Lower Upper
43 100
61 27.4 22.7 34.1
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 48.297 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 130 Resp: 220185
Ion Ratio Lower Upper
130 100
95 104.2 0.0 215.6





#45

1,2-Dichloropropane

Concen: 48.634 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

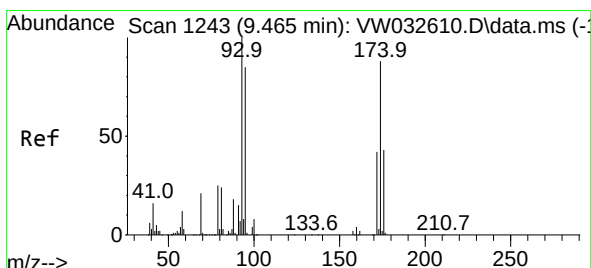
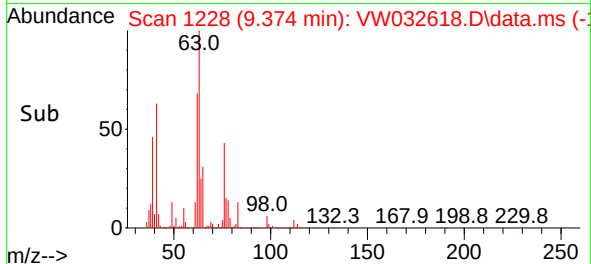
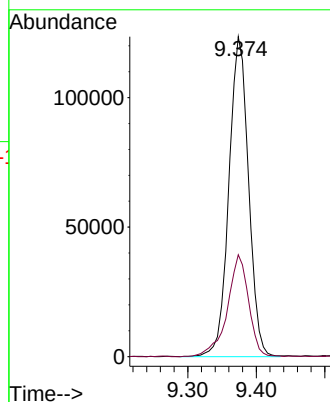
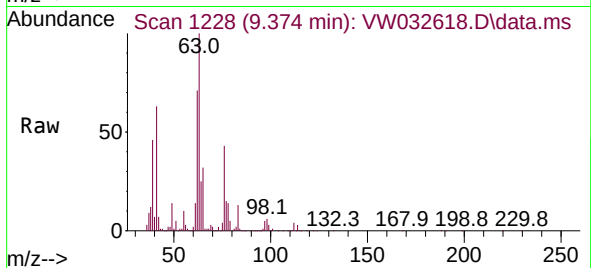
VSTDCCC050

Tgt Ion: 63 Resp: 245708

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 49.868 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

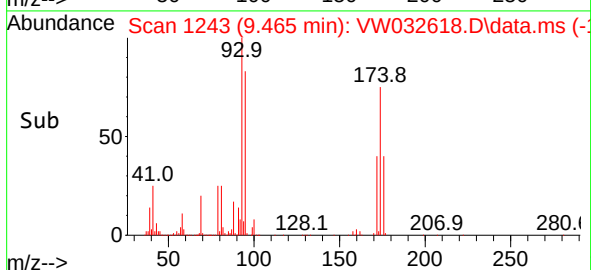
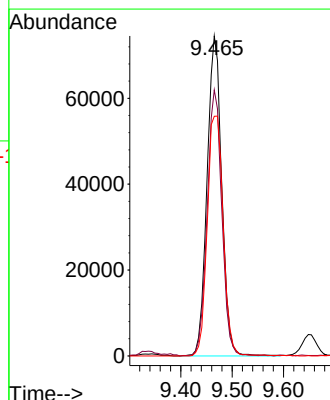
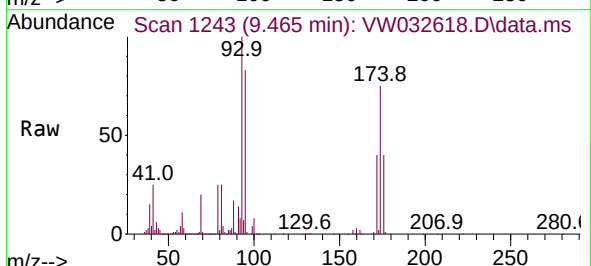
Tgt Ion: 93 Resp: 147610

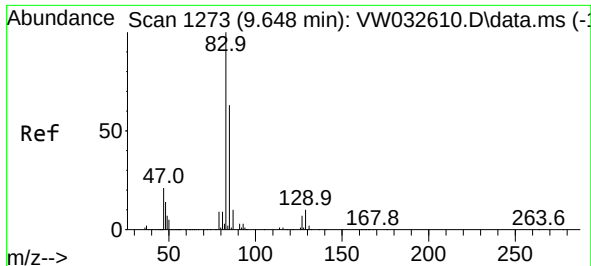
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 81.3 67.6 101.4

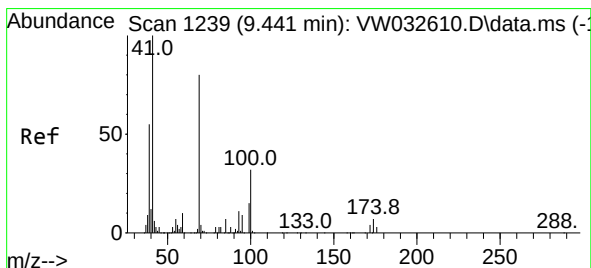
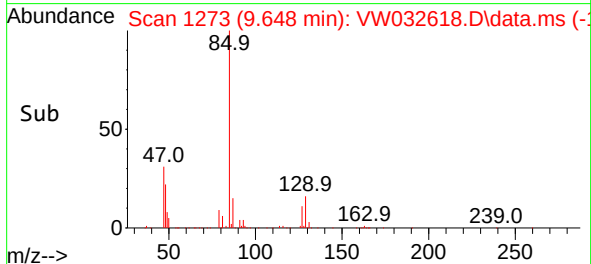
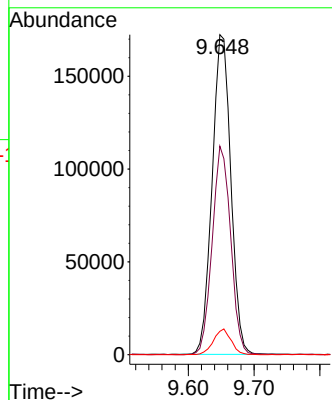
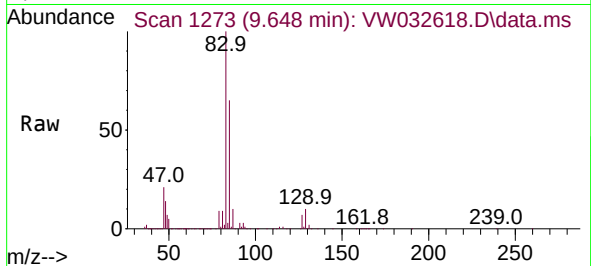




#47
Bromodichloromethane
Concen: 49.137 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

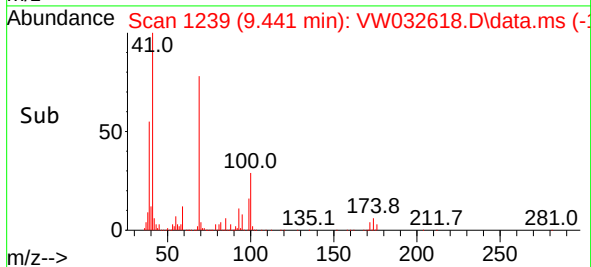
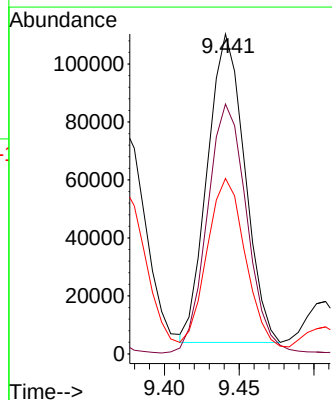
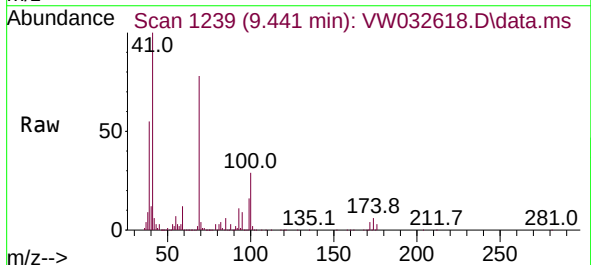
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

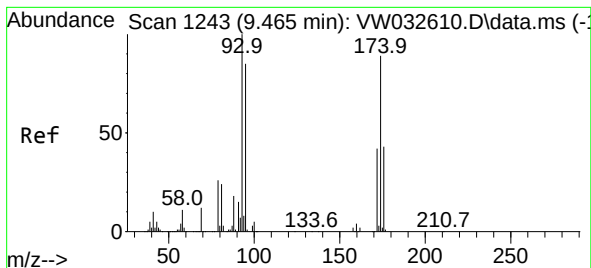
Tgt Ion: 83 Resp: 338327
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1
127 7.3 6.0 9.0



#48
Methyl methacrylate
Concen: 49.087 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 41 Resp: 185235
Ion Ratio Lower Upper
41 100
69 86.9 67.9 101.9
39 55.6 43.8 65.8





#49

1,4-Dioxane

Concen: 1027.768 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

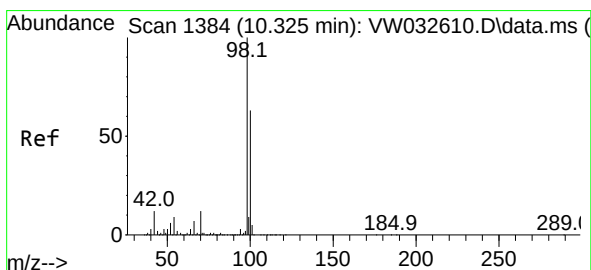
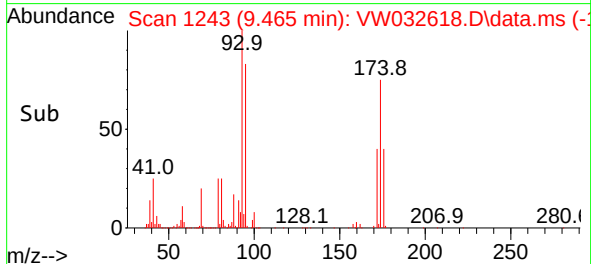
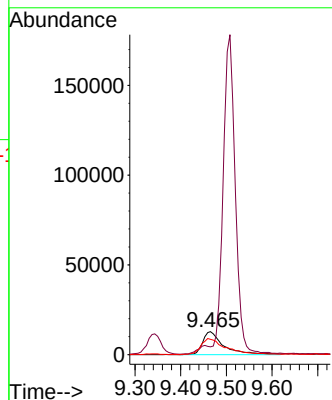
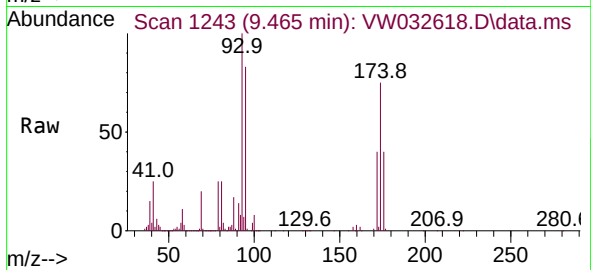
Tgt Ion: 88 Resp: 40812

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 83.4 63.8 95.8



#50

Toluene-d8

Concen: 54.055 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032618.D

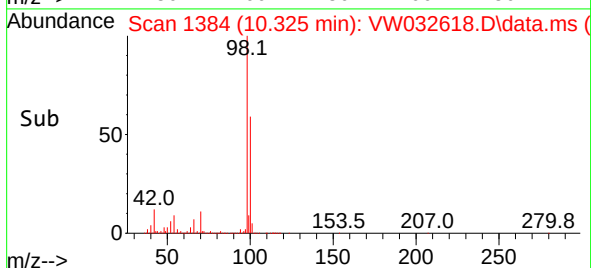
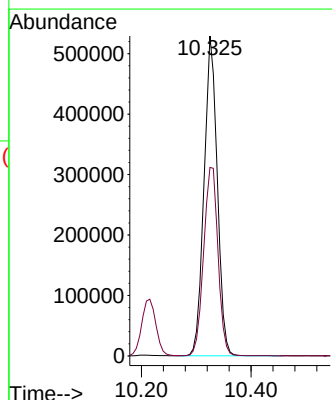
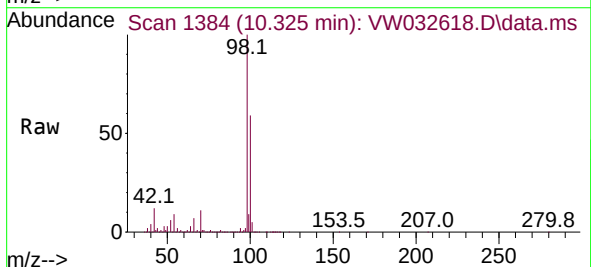
Acq: 11 Dec 2025 08:12

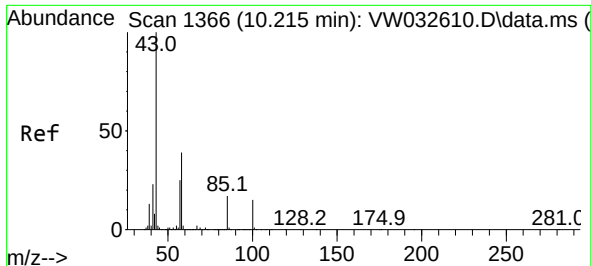
Tgt Ion: 98 Resp: 886820

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.2

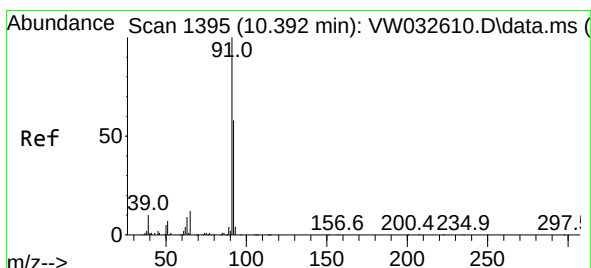
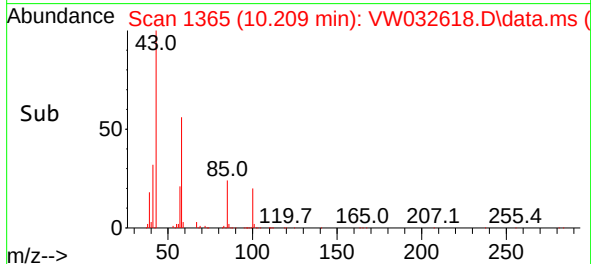
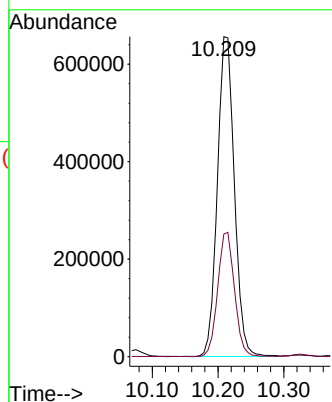
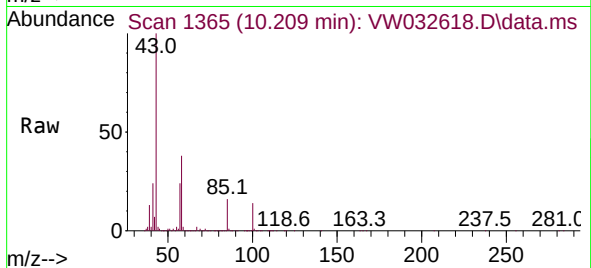




#51
4-Methyl-2-Pentanone
Concen: 262.866 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

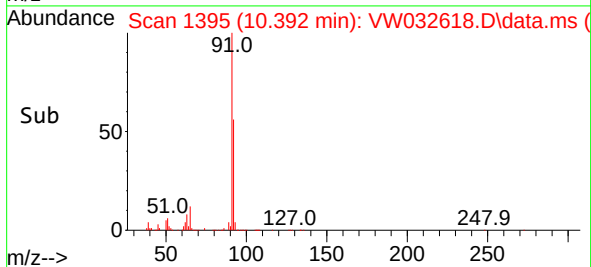
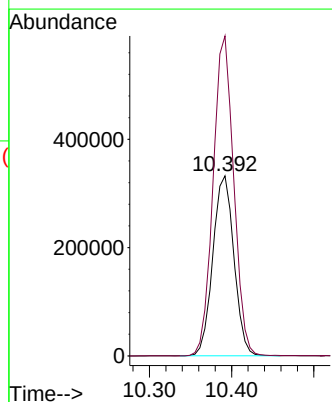
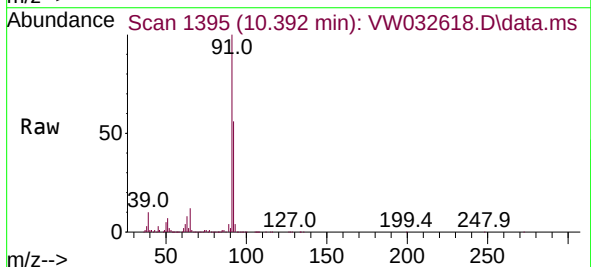
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

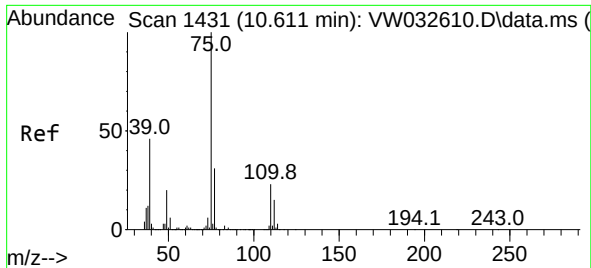
Tgt Ion: 43 Resp: 1171717
Ion Ratio Lower Upper
43 100
58 38.4 30.6 45.8



#52
Toluene
Concen: 48.150 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 92 Resp: 591488
Ion Ratio Lower Upper
92 100
91 174.3 137.6 206.4

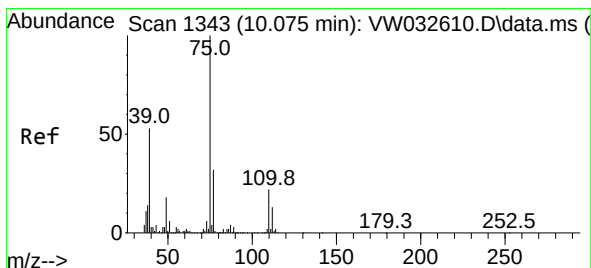
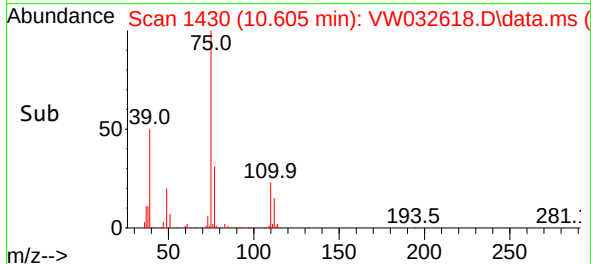
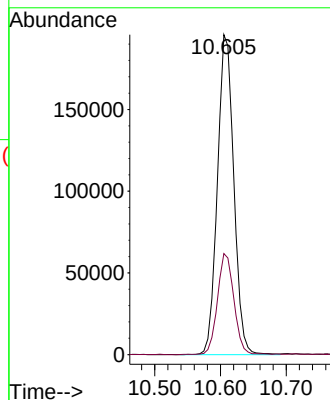
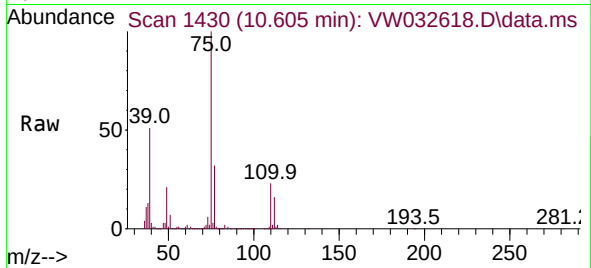




#53
t-1,3-Dichloropropene
Concen: 49.771 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

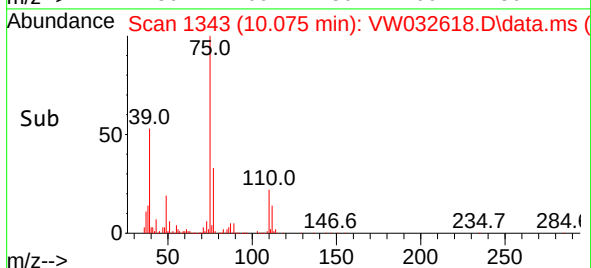
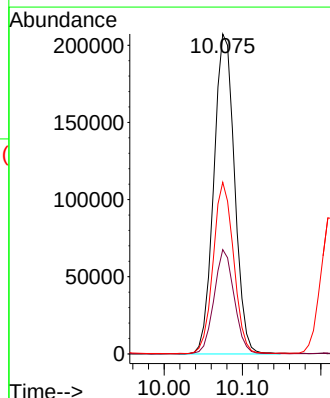
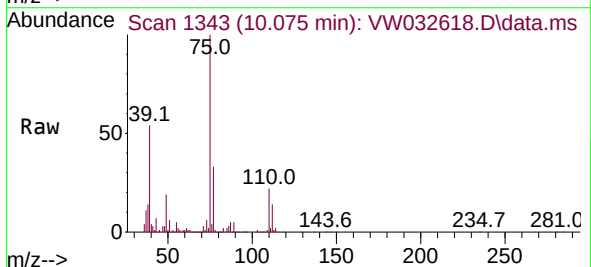
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

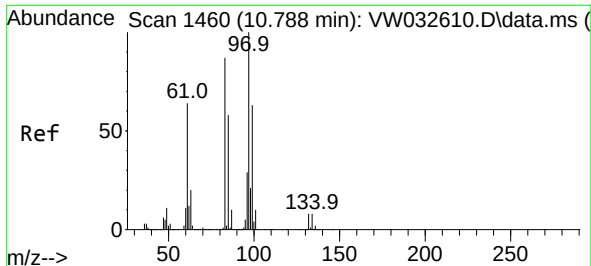
Tgt Ion: 75 Resp: 337891
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 48.769 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 75 Resp: 381794
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
39 53.4 42.5 63.7

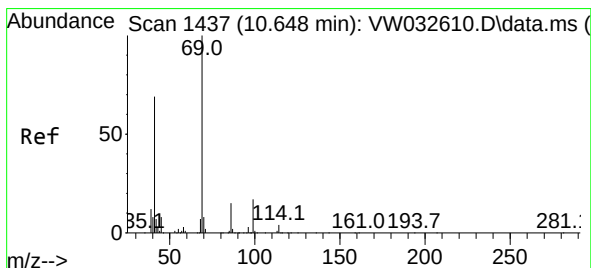
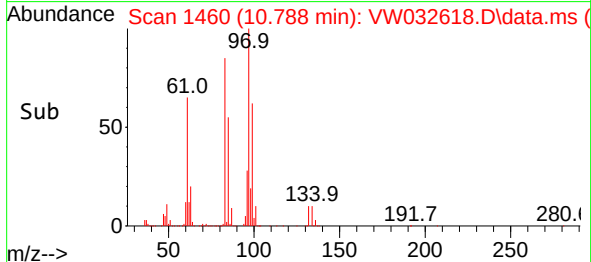
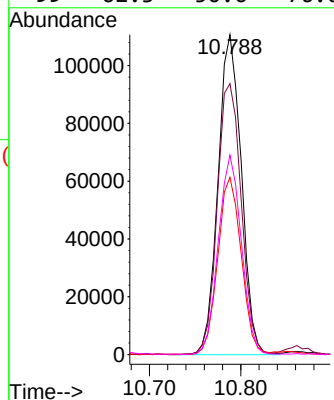
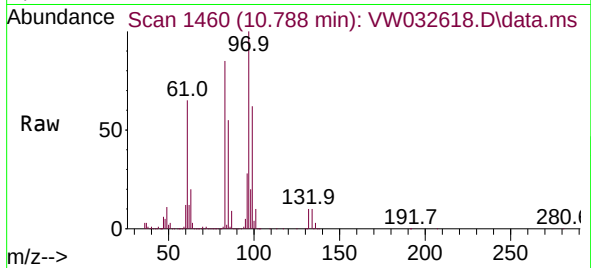




#55
1,1,2-Trichloroethane
Concen: 49.329 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

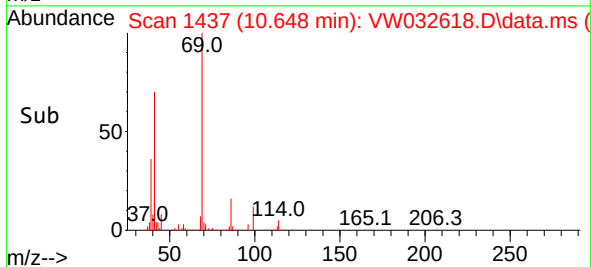
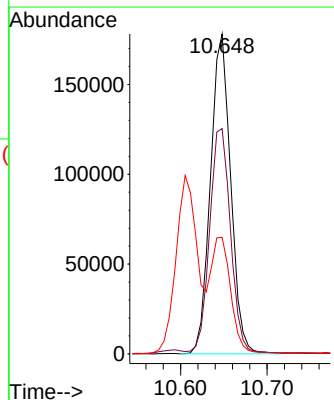
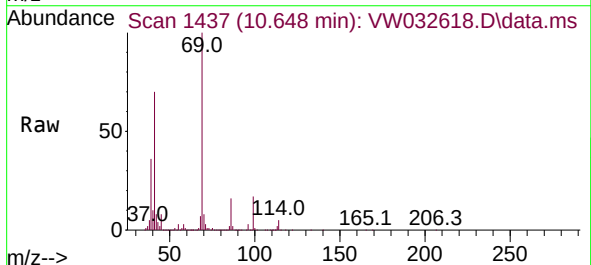
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

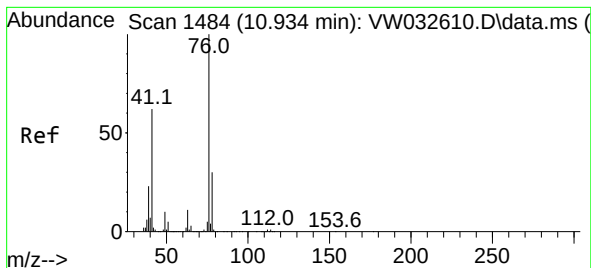
Tgt Ion:	97	Resp:	195913
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.3	103.9
85	55.3	46.1	69.1
99	62.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 50.326 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion:	69	Resp:	288554
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.0	85.6
39	34.6	27.2	40.8

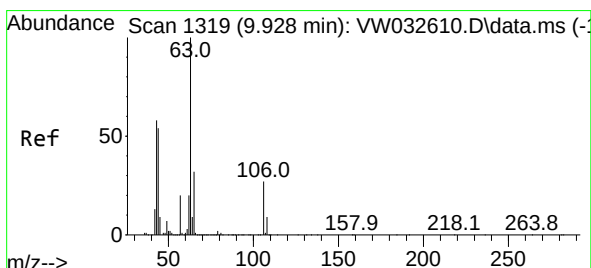
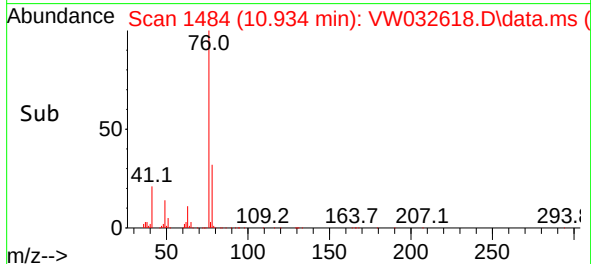
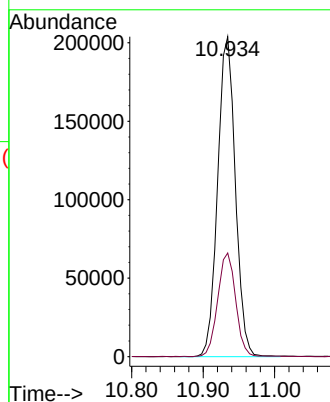
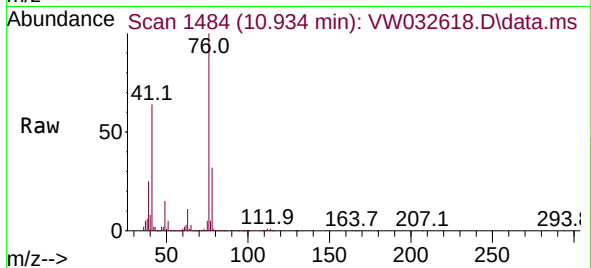




#57
1,3-Dichloropropane
Concen: 49.104 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

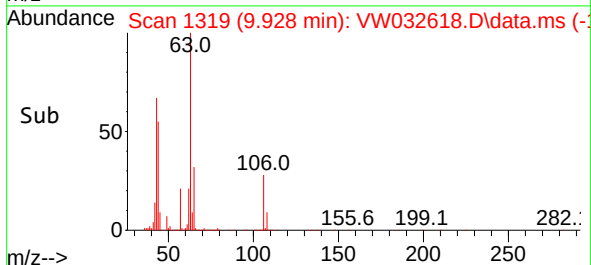
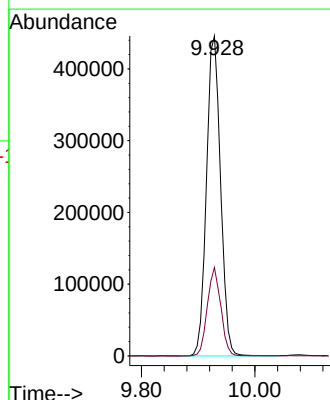
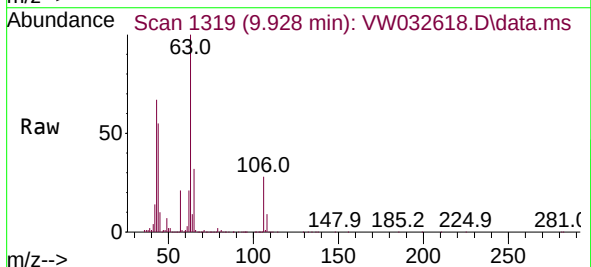
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

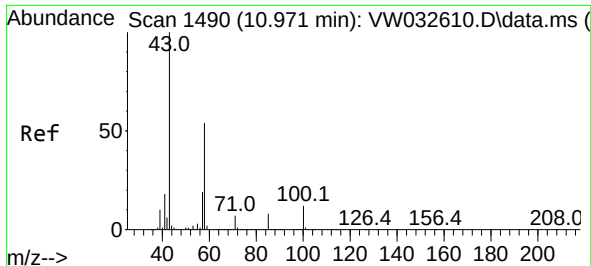
Tgt Ion: 76 Resp: 350279
Ion Ratio Lower Upper
76 100
78 33.0 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 369.417 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 63 Resp: 768053
Ion Ratio Lower Upper
63 100
106 26.4 21.3 31.9

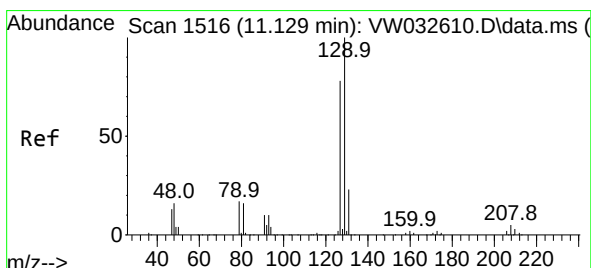
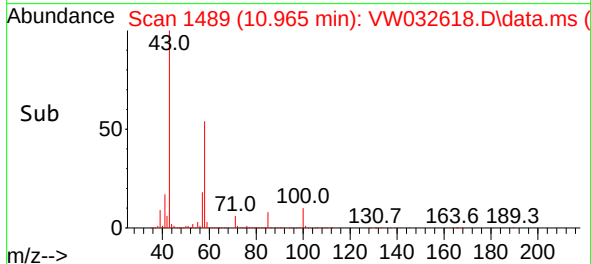
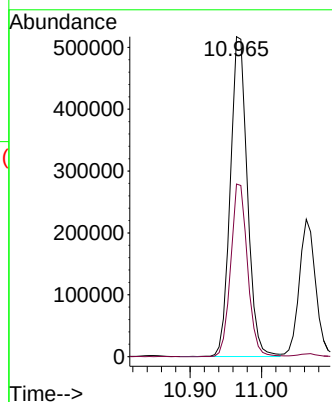
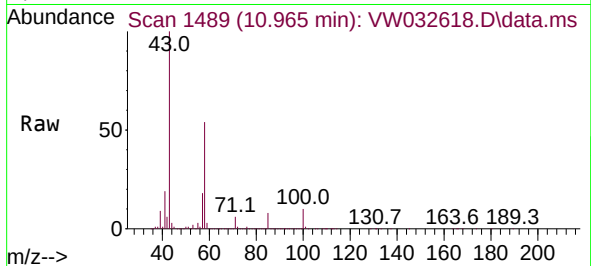




#59
2-Hexanone
Concen: 265.154 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

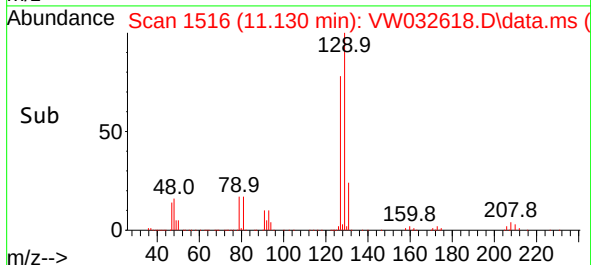
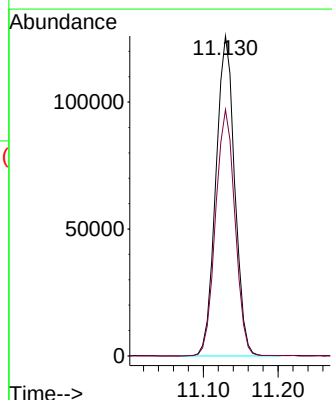
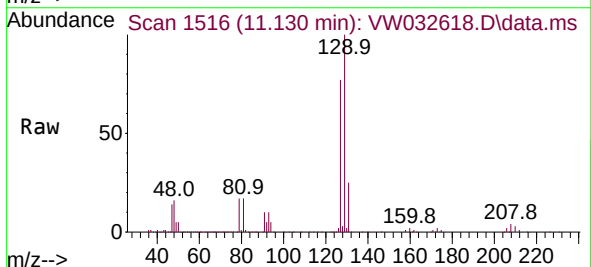
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

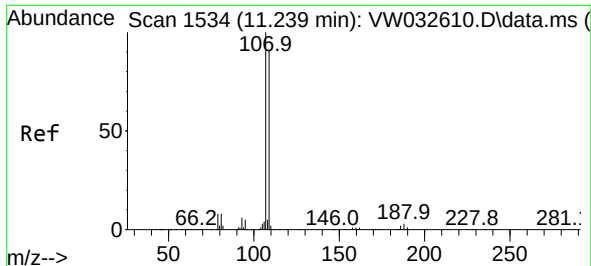
Tgt Ion: 43 Resp: 856014
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.9



#60
Dibromochloromethane
Concen: 49.956 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion:129 Resp: 220989
Ion Ratio Lower Upper
129 100
127 79.5 37.2 111.6

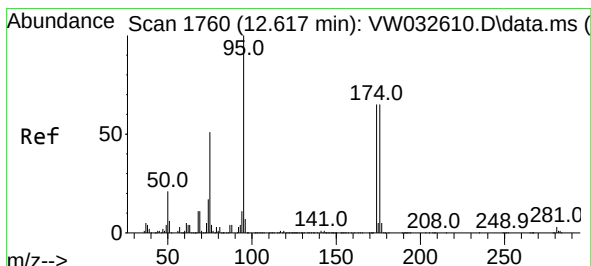
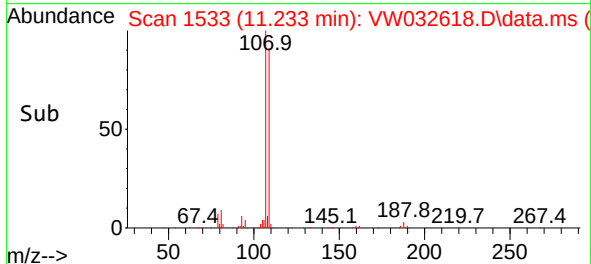
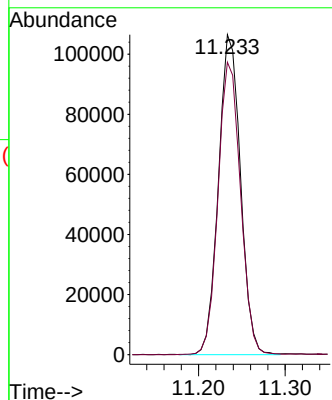
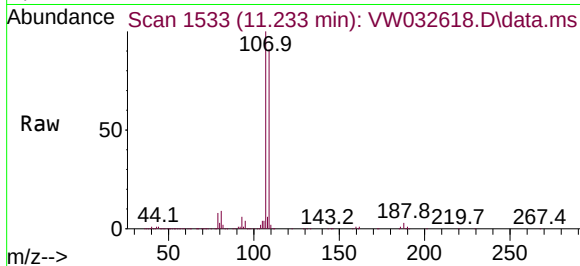




#61
1,2-Dibromoethane
Concen: 49.074 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

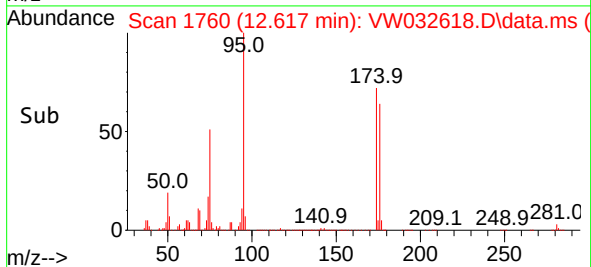
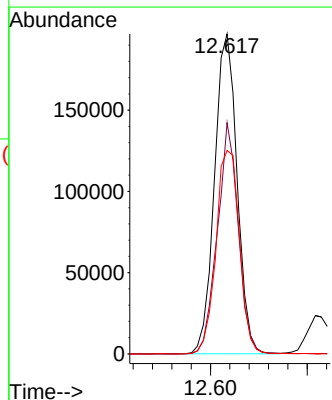
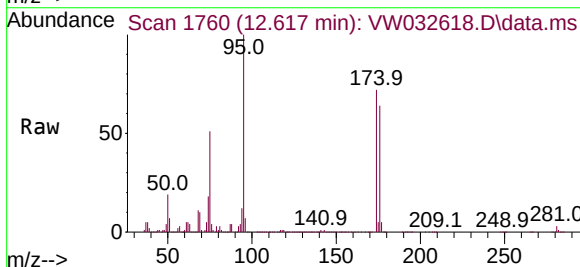
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

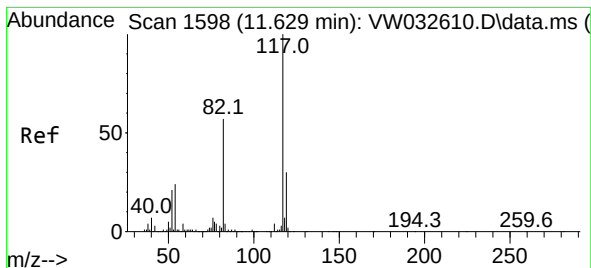
Tgt Ion:107 Resp: 188464
Ion Ratio Lower Upper
107 100
109 93.4 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 52.912 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 95 Resp: 318707
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.0
176 66.4 0.0 123.4

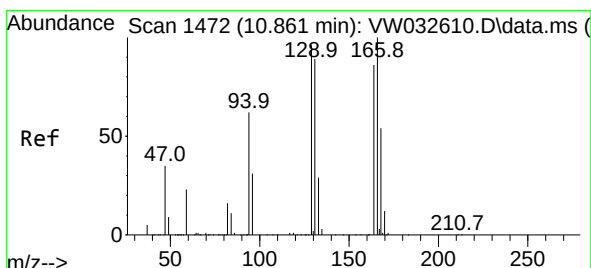
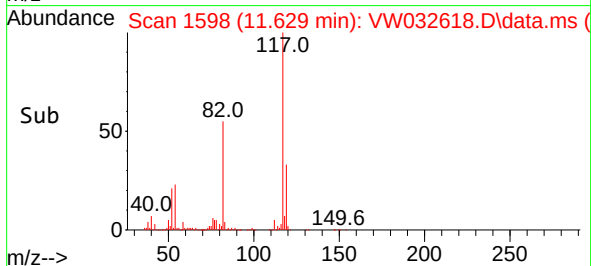
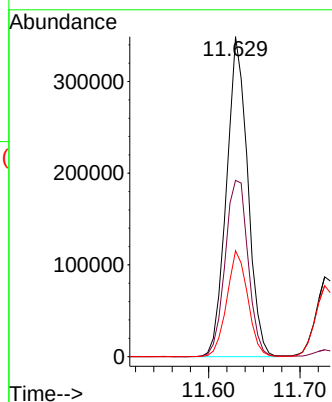
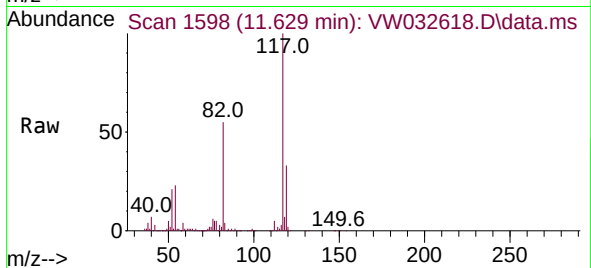




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

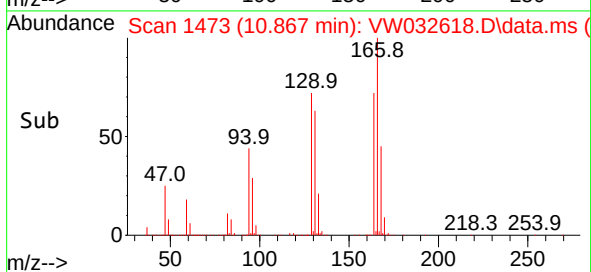
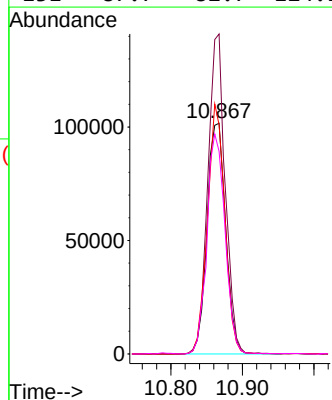
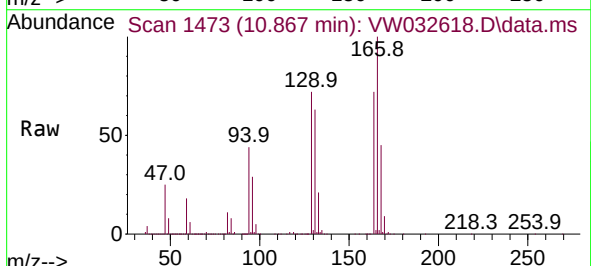
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

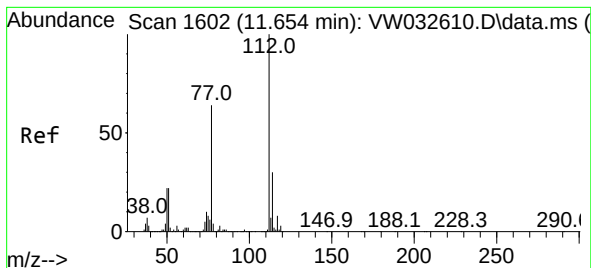
Tgt Ion:117 Resp: 561166
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 33.0 23.8 35.8



#64
Tetrachloroethene
Concen: 51.229 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion:164 Resp: 184321
Ion Ratio Lower Upper
164 100
166 138.7 93.0 139.6
129 99.3 89.2 133.8
131 87.7 82.7 124.1





#65

Chlorobenzene

Concen: 51.126 ug/l

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

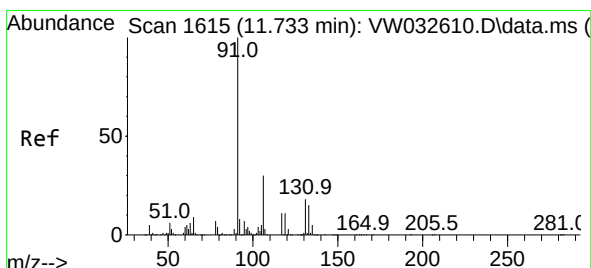
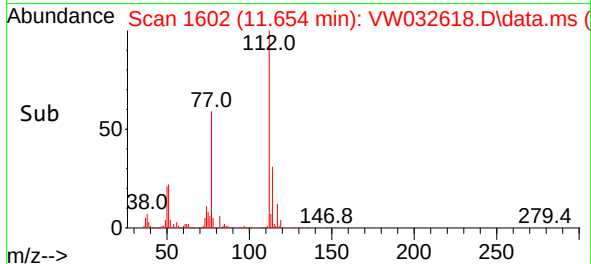
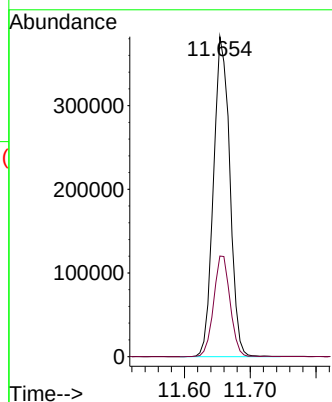
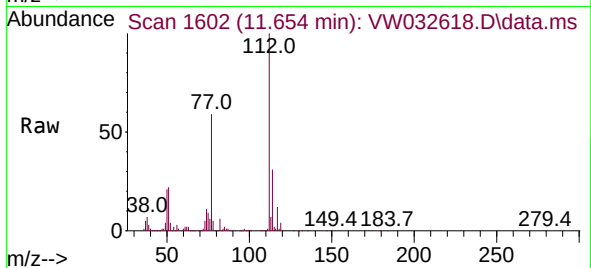
VSTDCCC050

Tgt Ion:112 Resp: 655120

Ion Ratio Lower Upper

112 100

114 31.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.986 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

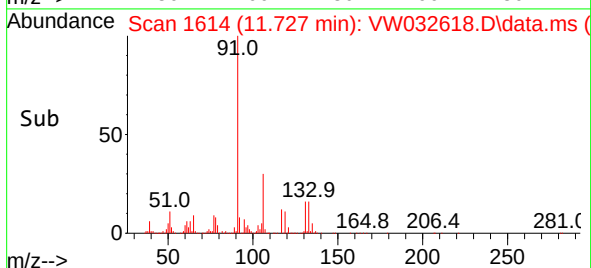
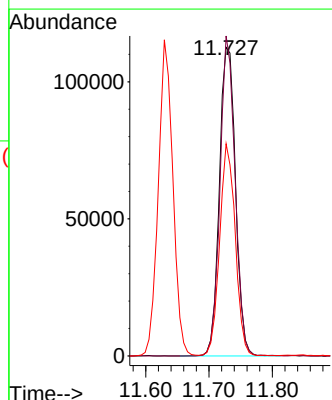
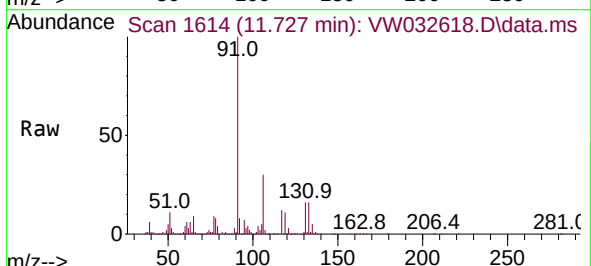
Tgt Ion:131 Resp: 200023

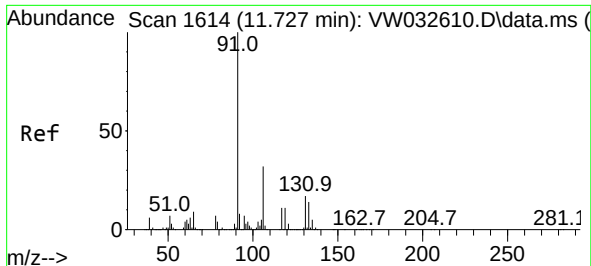
Ion Ratio Lower Upper

131 100

133 97.2 44.0 132.1

119 66.2 32.0 96.2

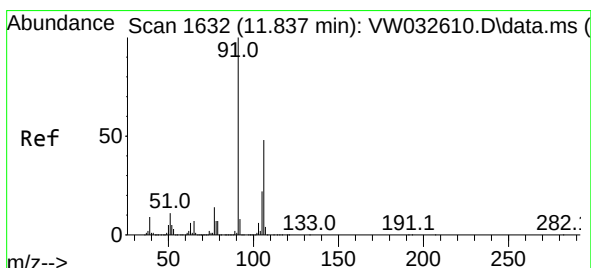
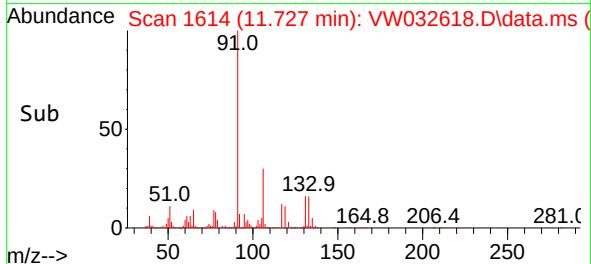
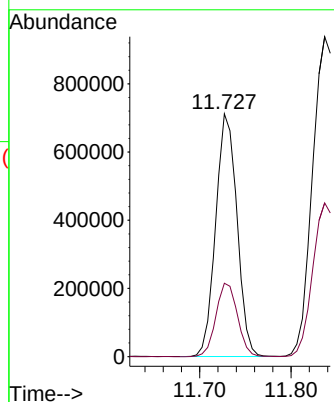
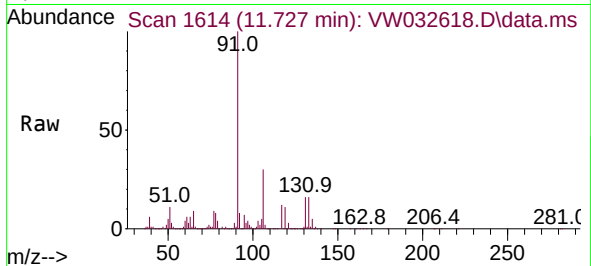




#67
Ethyl Benzene
Concen: 52.114 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

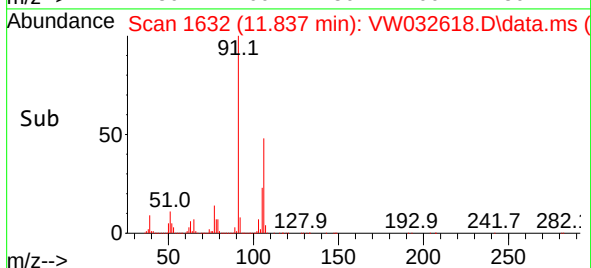
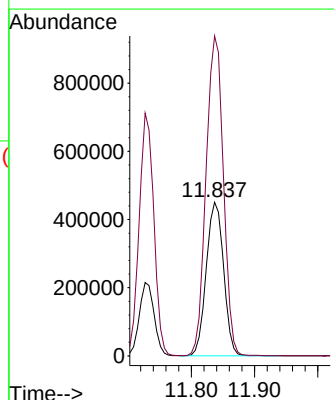
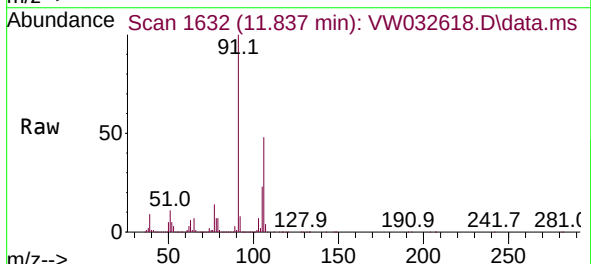
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

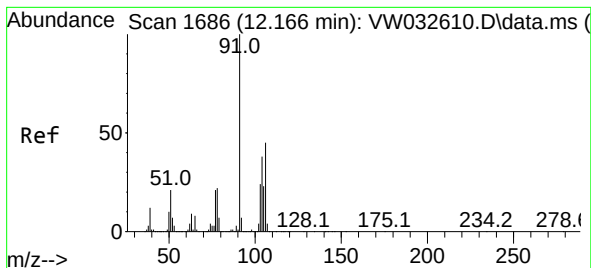
Tgt Ion: 91 Resp: 1154078
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.6



#68
m/p-Xylenes
Concen: 100.732 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 106 Resp: 856105
Ion Ratio Lower Upper
106 100
91 208.3 165.6 248.4

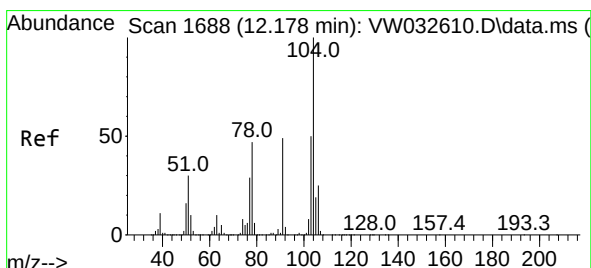
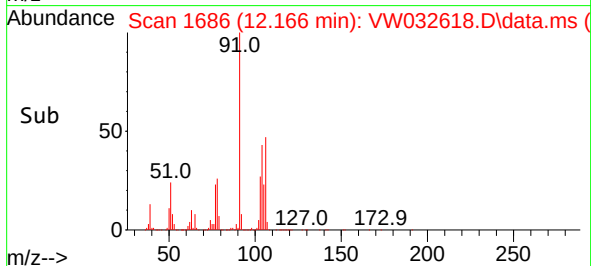
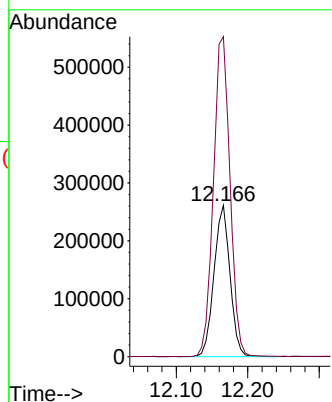
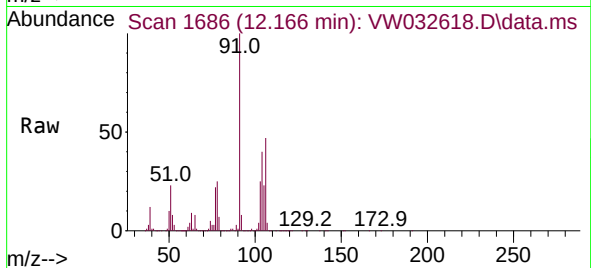




#69
o-Xylene
Concen: 51.669 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

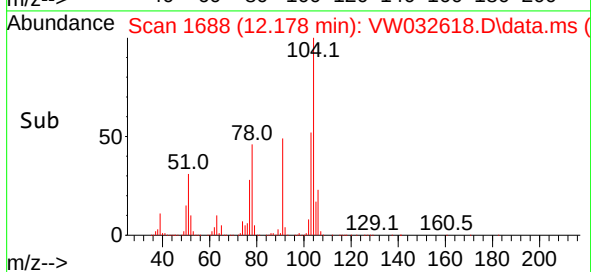
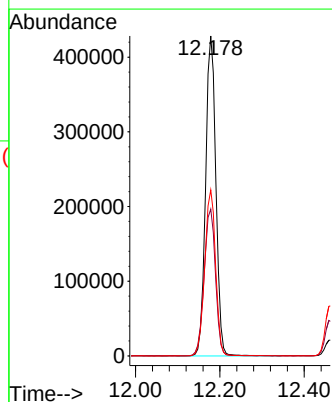
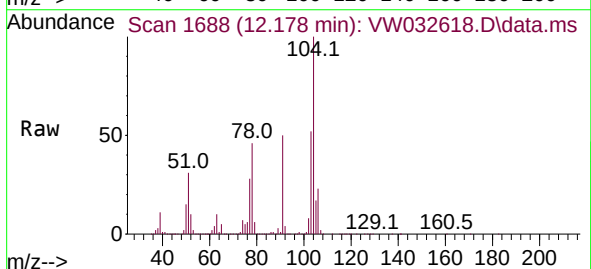
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

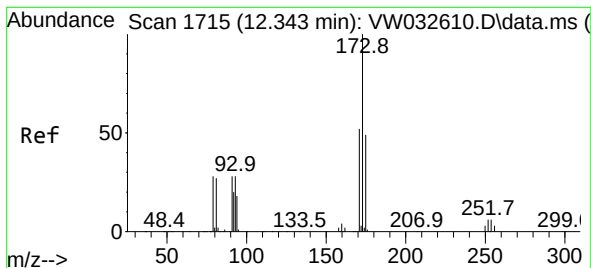
Tgt Ion:106 Resp: 404997
Ion Ratio Lower Upper
106 100
91 219.9 108.3 324.8



#70
Styrene
Concen: 52.586 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion:104 Resp: 718584
Ion Ratio Lower Upper
104 100
78 50.7 41.5 62.3
103 54.9 43.8 65.6





#71

Bromoform

Concen: 52.798 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

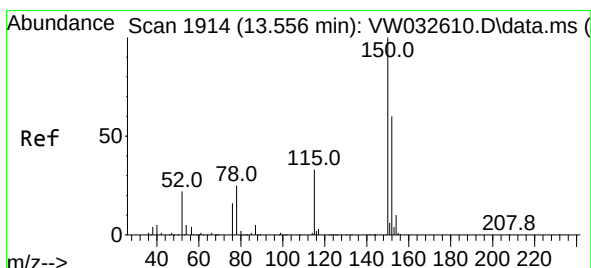
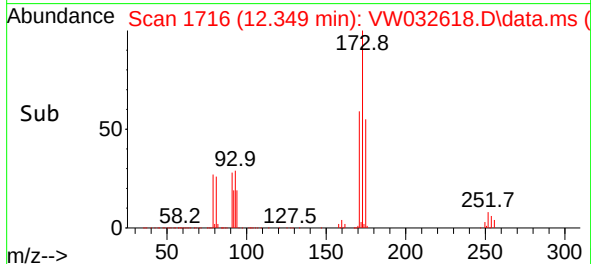
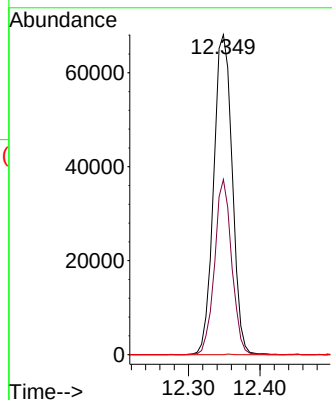
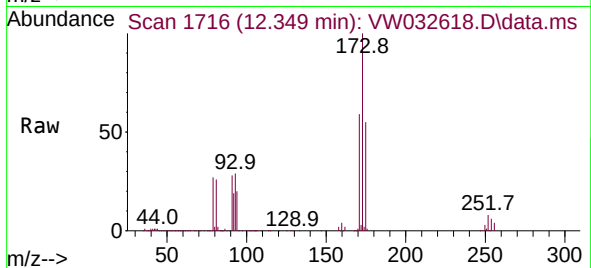
Tgt Ion:173 Resp: 122675

Ion Ratio Lower Upper

173 100

175 50.5 24.9 74.7

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

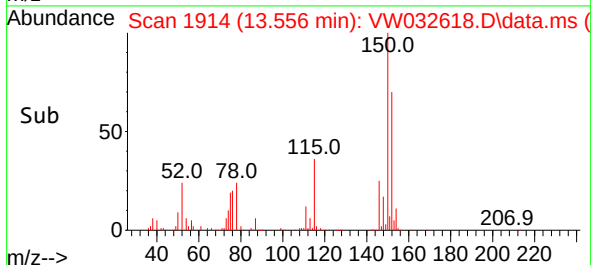
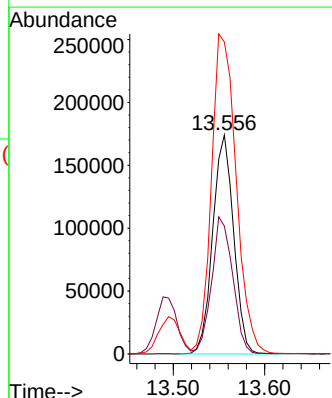
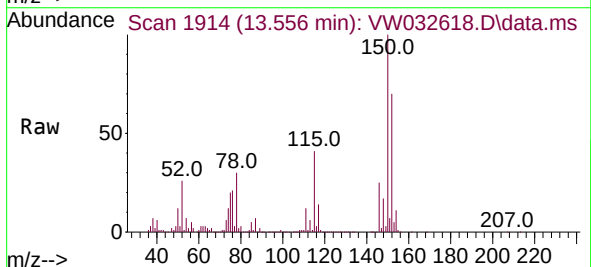
Tgt Ion:152 Resp: 277005

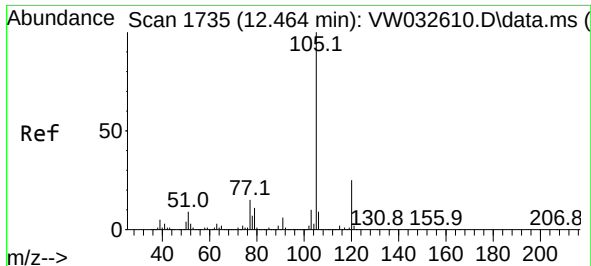
Ion Ratio Lower Upper

152 100

115 62.8 33.8 101.3

150 172.1 0.0 369.4

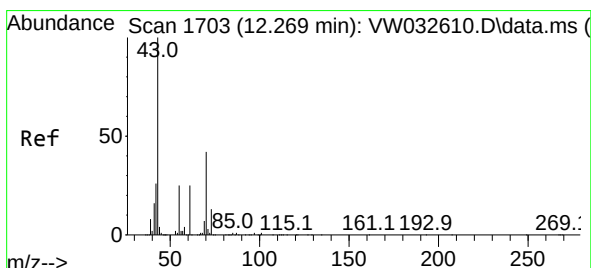
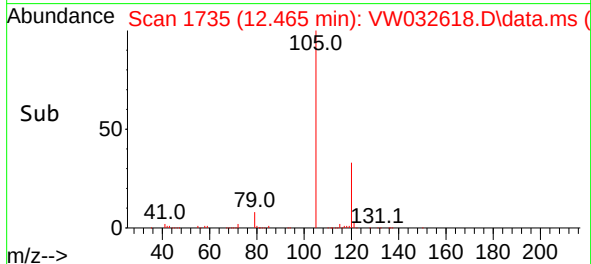
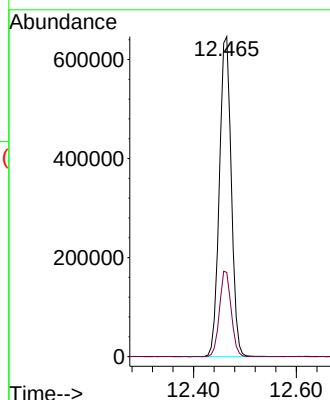
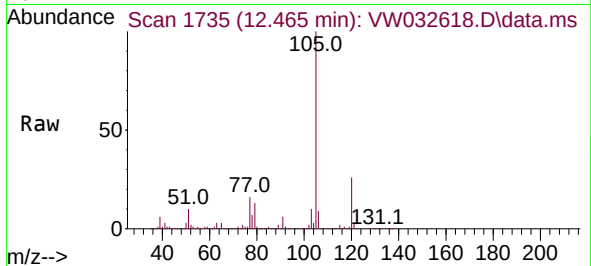




#73
Isopropylbenzene
Concen: 49.172 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

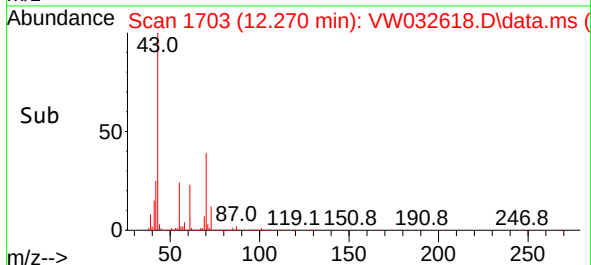
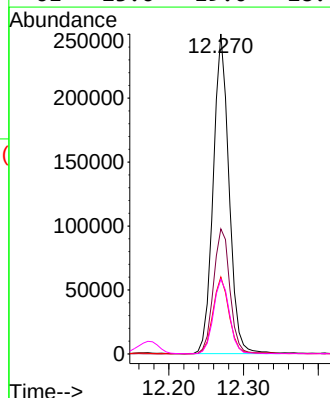
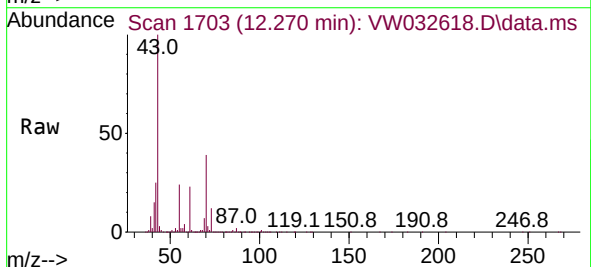
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

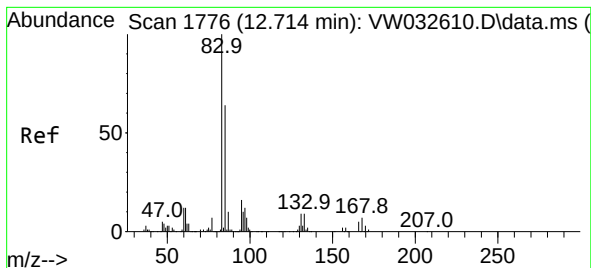
Tgt Ion:105 Resp: 1035995
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 50.987 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 43 Resp: 368056
Ion Ratio Lower Upper
43 100
70 41.0 32.4 48.6
55 24.5 19.8 29.6
61 23.6 19.0 28.4

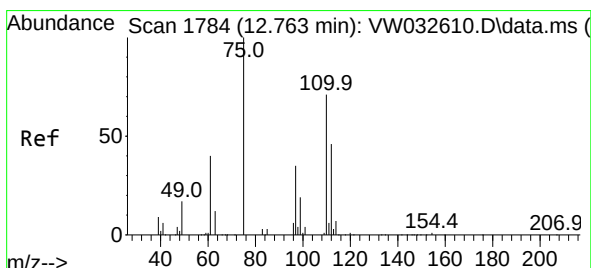
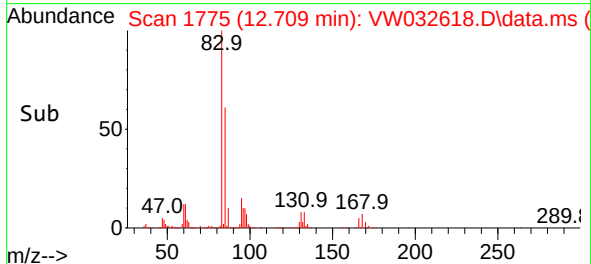
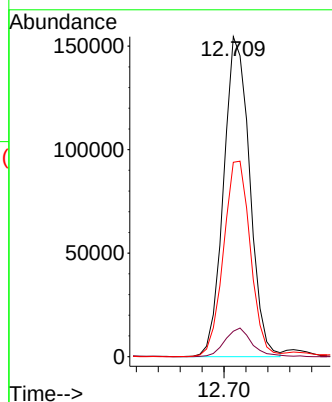
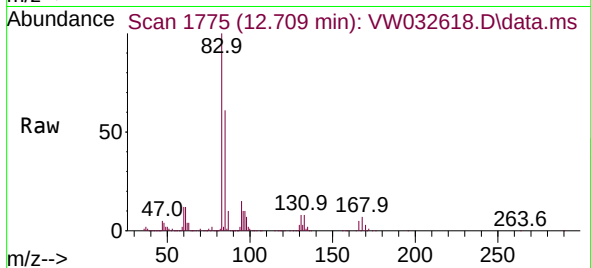




#75
1,1,2,2-Tetrachloroethane
Concen: 50.282 ug/l
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

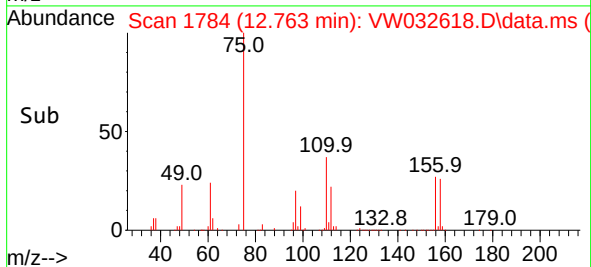
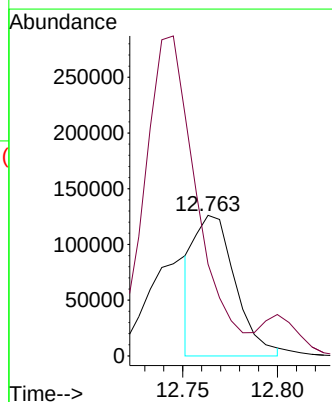
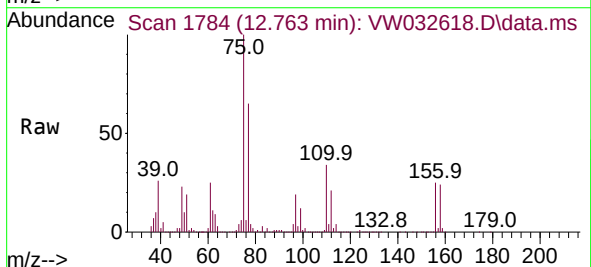
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

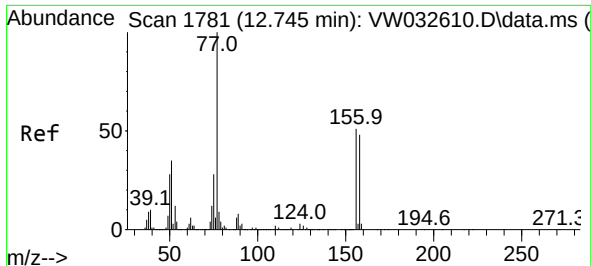
Tgt Ion: 83 Resp: 255045
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 50.744 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 75 Resp: 188621
Ion Ratio Lower Upper
75 100
77 287.8 154.0 462.0

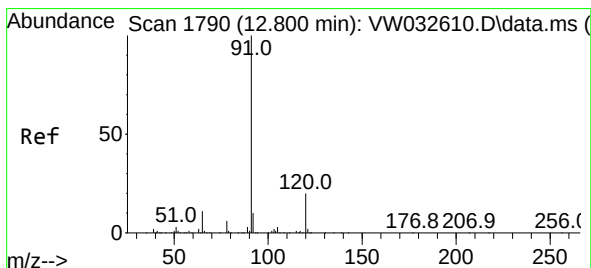
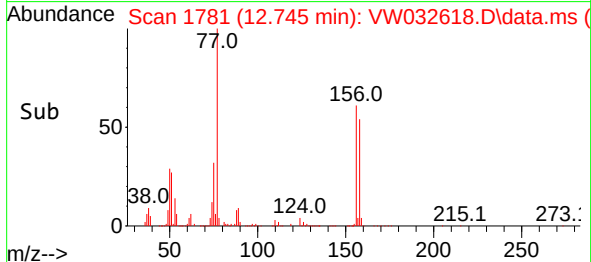
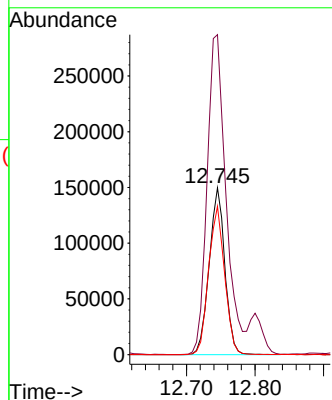
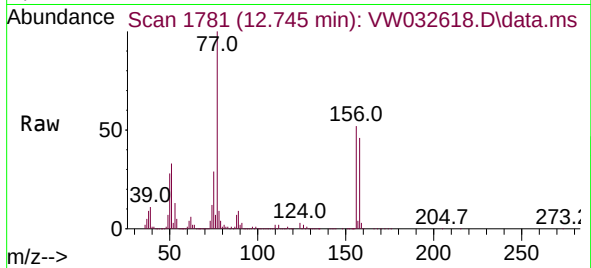




#77
Bromobenzene
Concen: 49.250 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

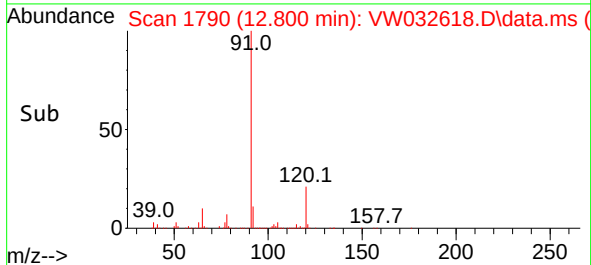
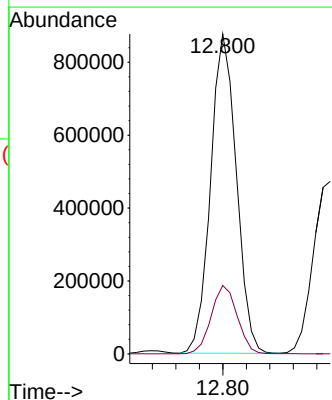
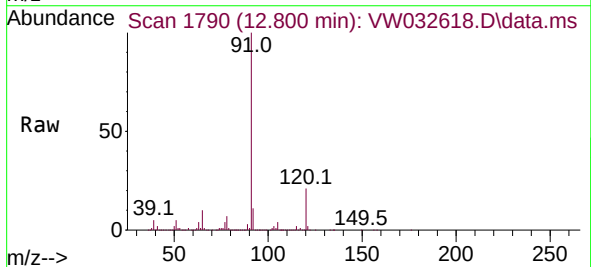
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

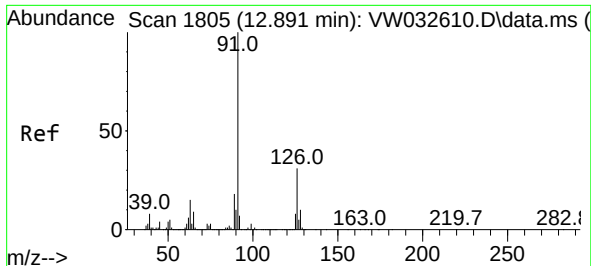
Tgt Ion:156 Resp: 238111
Ion Ratio Lower Upper
156 100
77 228.0 116.7 350.1
158 90.9 49.9 149.7



#78
n-propylbenzene
Concen: 49.581 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 91 Resp: 1334360
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.6

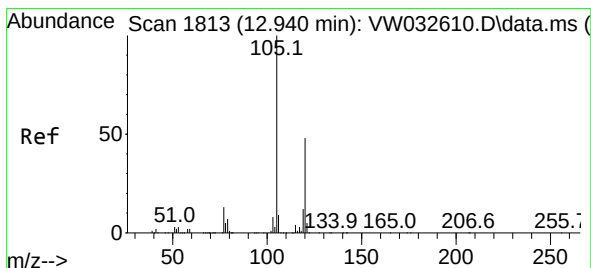
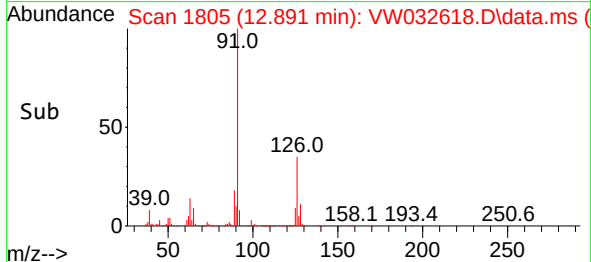
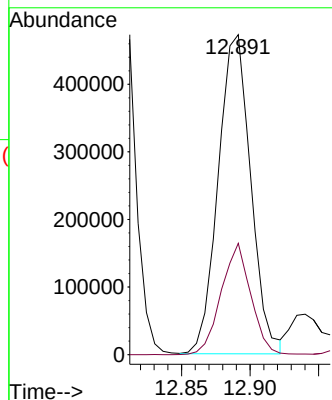
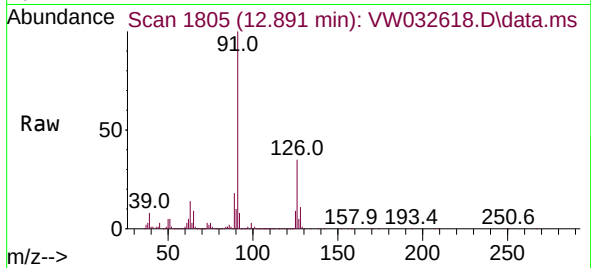




#79
2-Chlorotoluene
Concen: 49.420 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

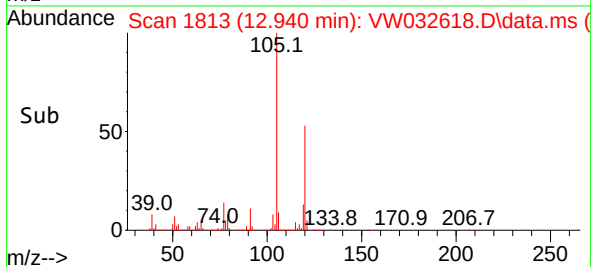
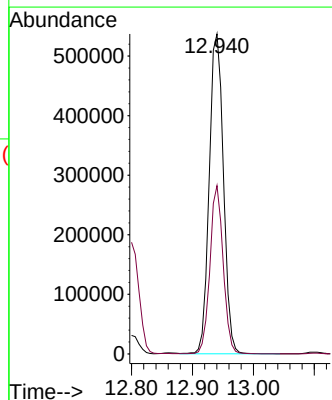
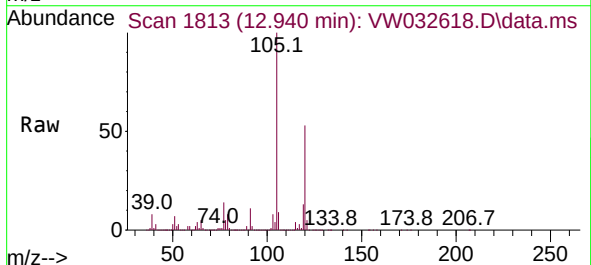
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

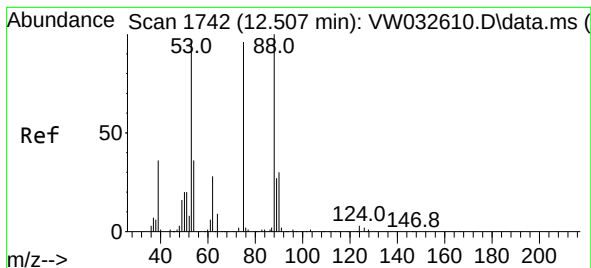
Tgt Ion: 91 Resp: 780705
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.090 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 105 Resp: 868733
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

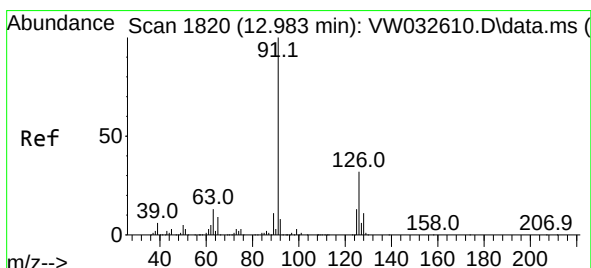
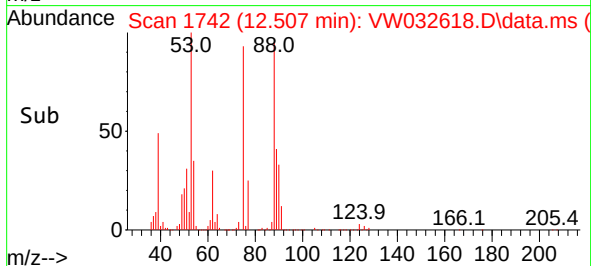
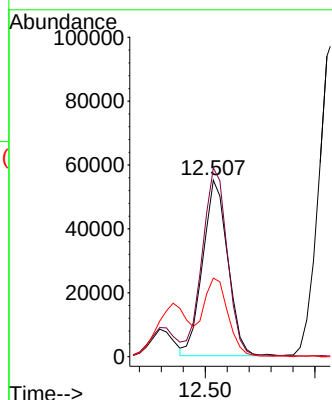
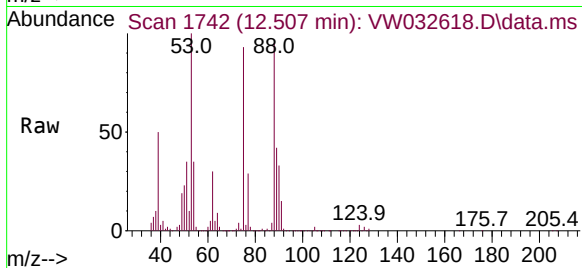




#81
trans-1,4-Dichloro-2-butene
Concen: 58.405 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

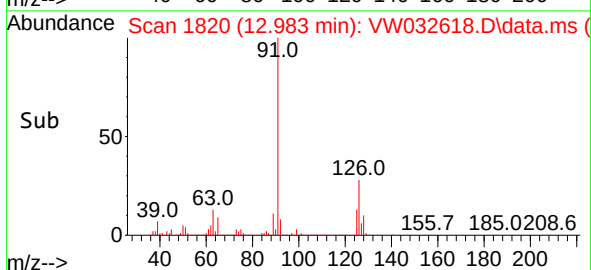
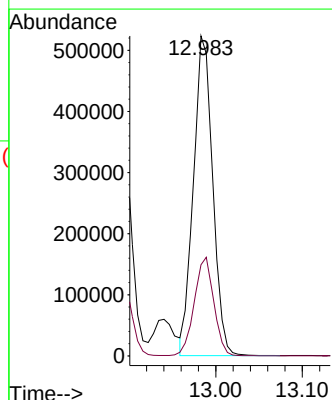
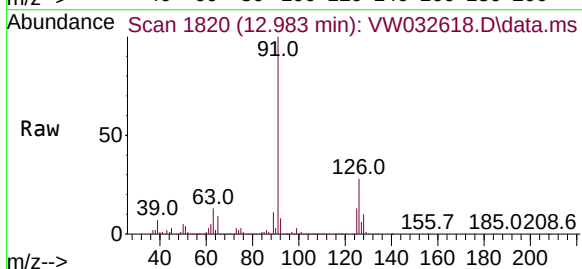
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

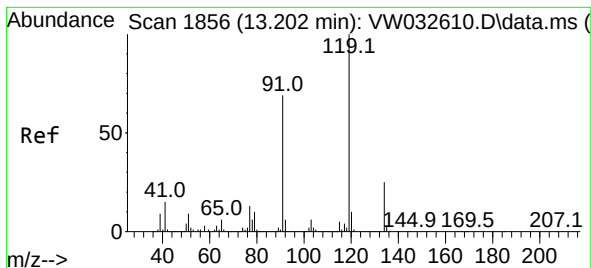
Tgt Ion: 75 Resp: 87445
Ion Ratio Lower Upper
75 100
53 108.3 86.1 129.1
89 44.5 37.4 56.2



#82
4-Chlorotoluene
Concen: 48.168 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 91 Resp: 808154
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4





#83

tert-Butylbenzene

Concen: 49.178 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

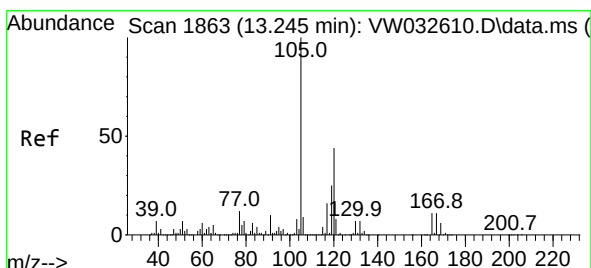
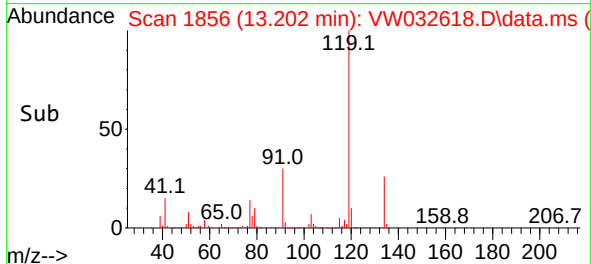
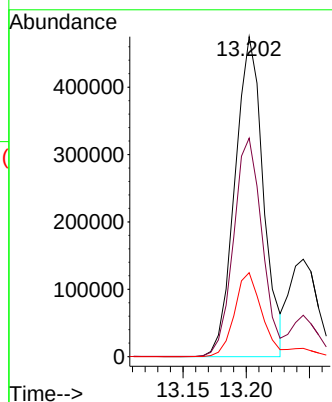
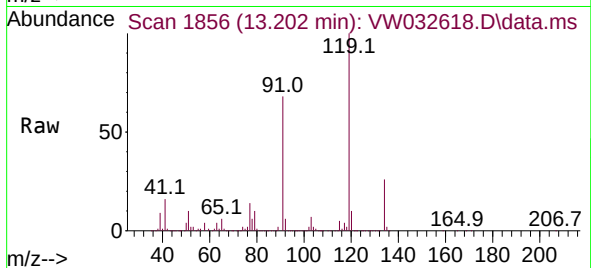
Tgt Ion:119 Resp: 741378

Ion Ratio Lower Upper

119 100

91 68.5 34.3 102.8

134 25.5 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 49.685 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032618.D

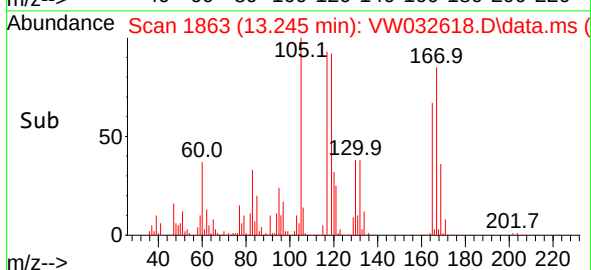
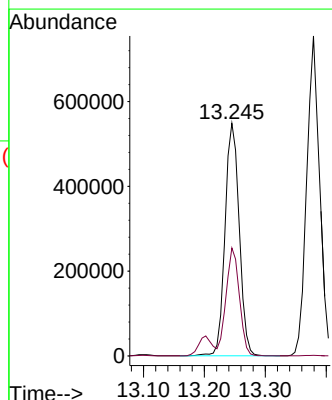
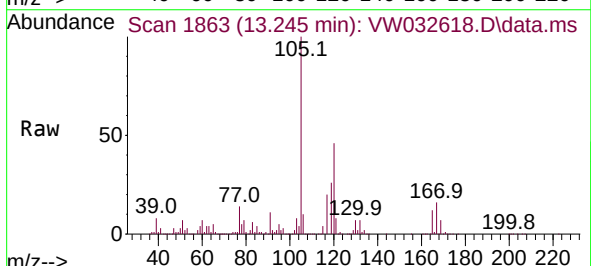
Acq: 11 Dec 2025 08:12

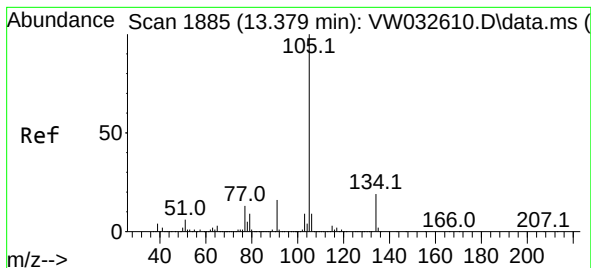
Tgt Ion:105 Resp: 886763

Ion Ratio Lower Upper

105 100

120 43.5 22.4 67.0

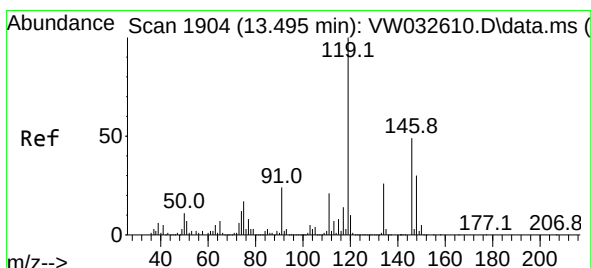
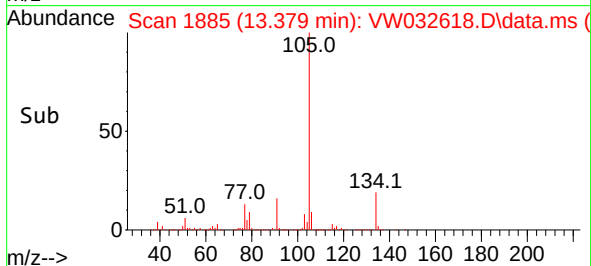
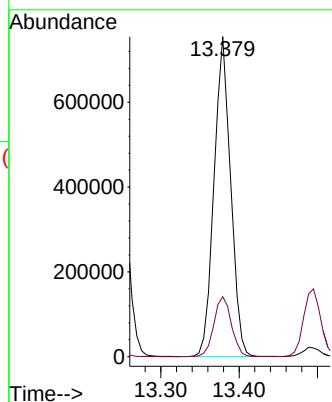
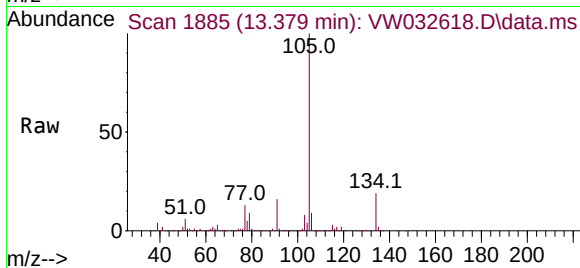




#85
 sec-Butylbenzene
 Concen: 48.153 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

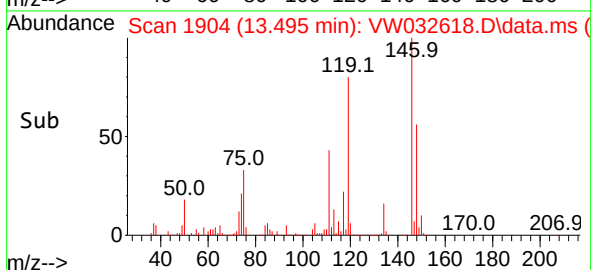
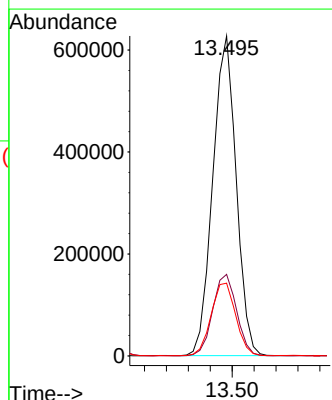
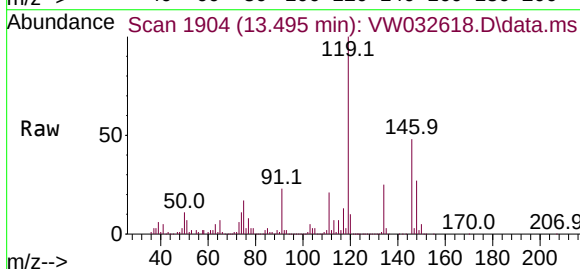
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

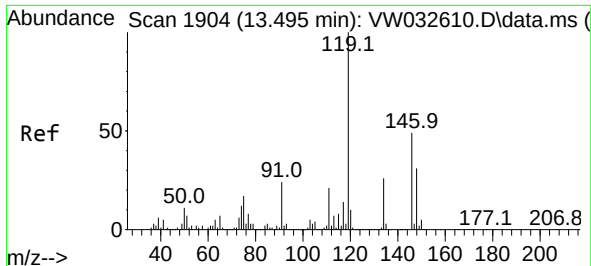
Tgt Ion:105 Resp: 1111465
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.510 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032618.D
 Acq: 11 Dec 2025 08:12

Tgt Ion:119 Resp: 929492
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.930 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

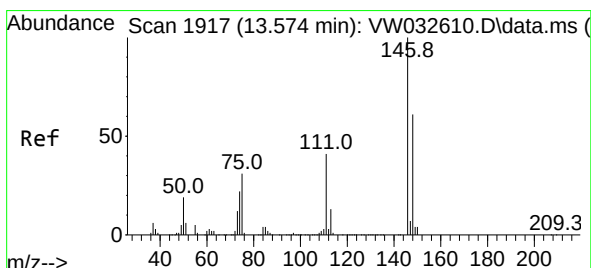
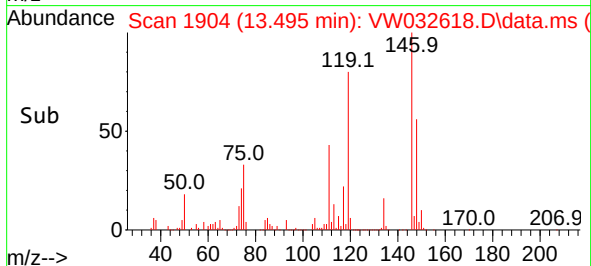
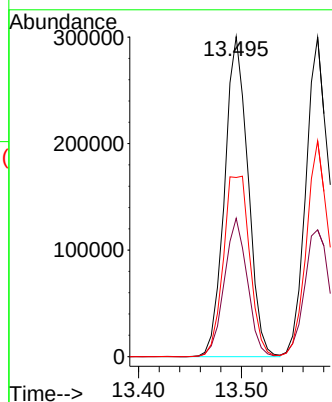
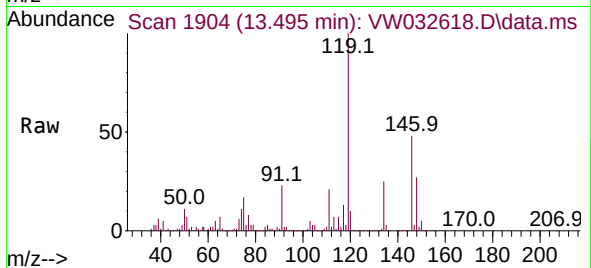
Tgt Ion:146 Resp: 474309

Ion Ratio Lower Upper

146 100

111 42.4 21.6 64.6

148 63.7 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 47.649 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

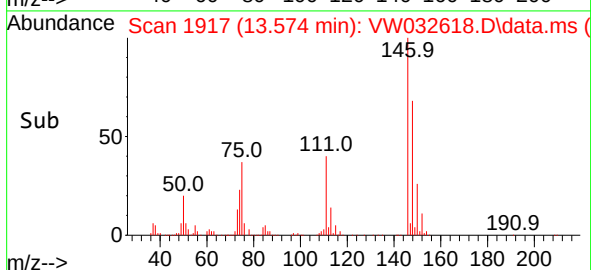
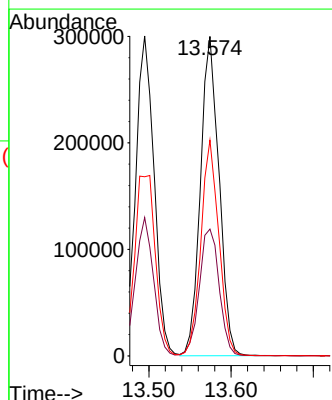
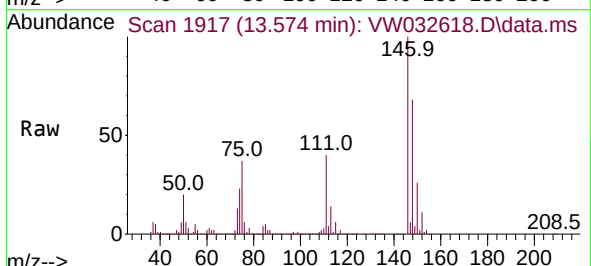
Tgt Ion:146 Resp: 469535

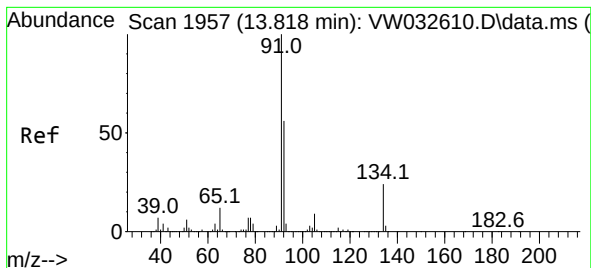
Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.8

148 65.4 30.4 91.2





#89

n-Butylbenzene

Concen: 49.589 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

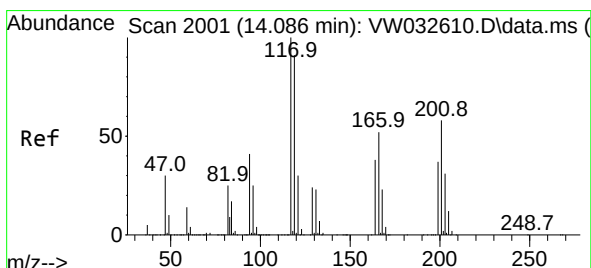
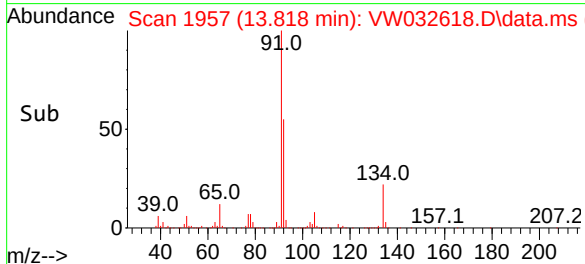
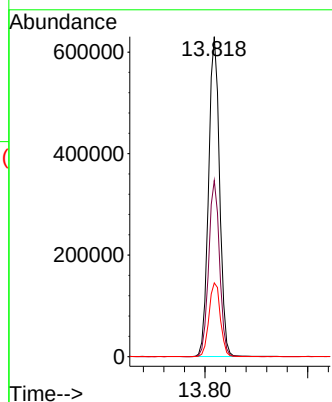
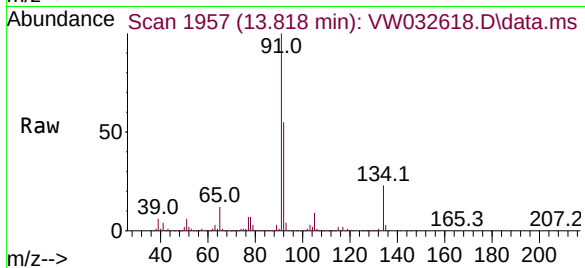
Tgt Ion: 91 Resp: 935349

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.0

134 23.9 11.8 35.4



#90

Hexachloroethane

Concen: 48.129 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032618.D

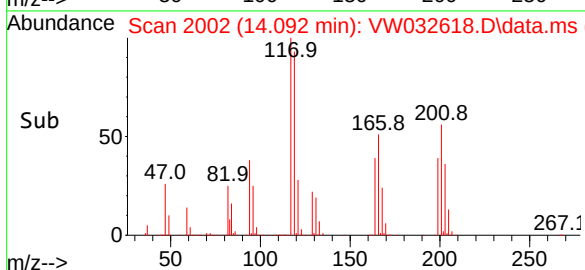
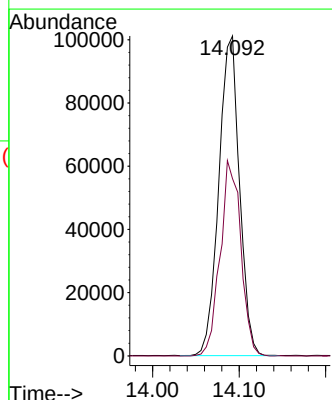
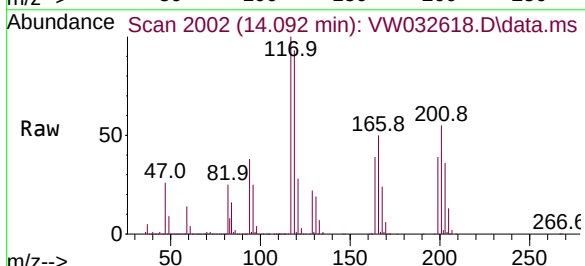
Acq: 11 Dec 2025 08:12

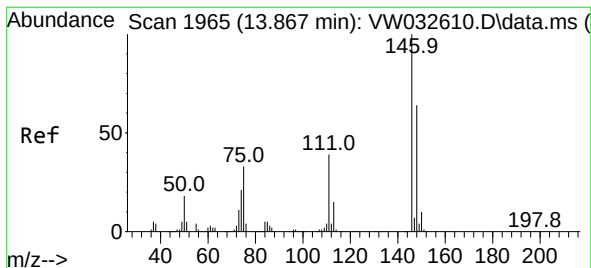
Tgt Ion: 117 Resp: 168763

Ion Ratio Lower Upper

117 100

201 60.9 30.4 91.2

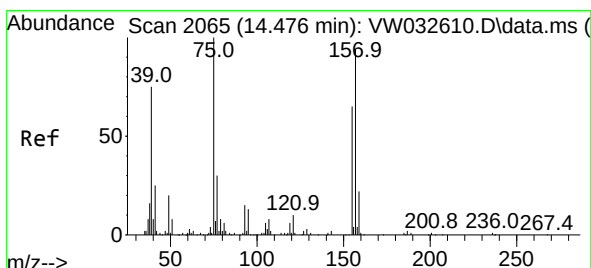
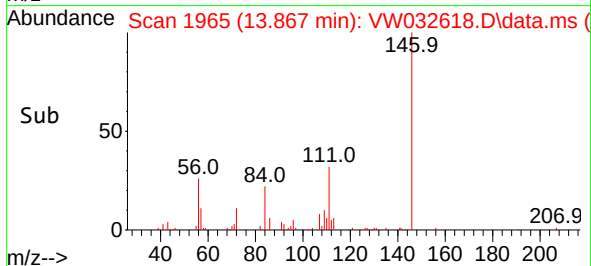
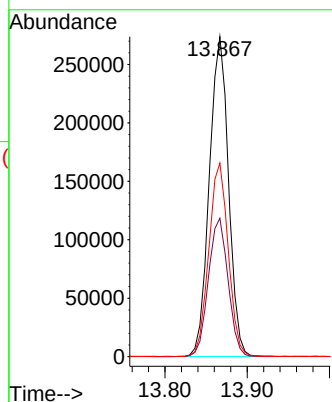
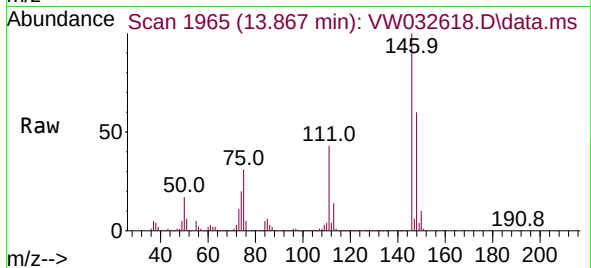




#91
1,2-Dichlorobenzene
Concen: 49.616 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

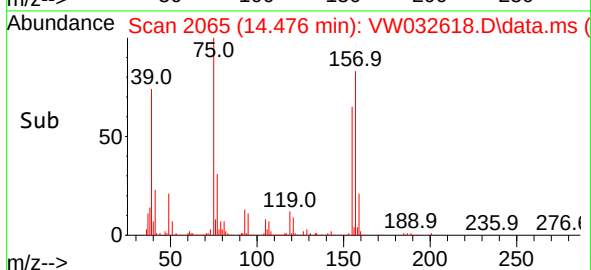
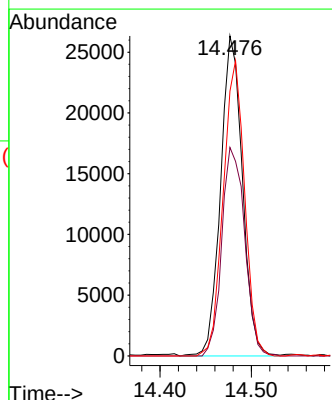
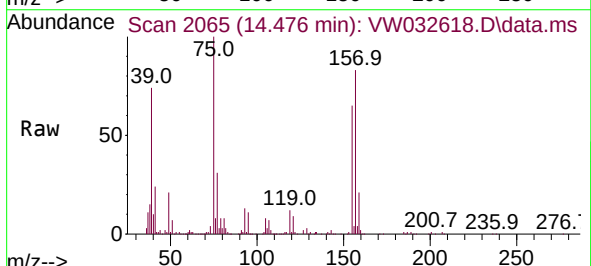
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

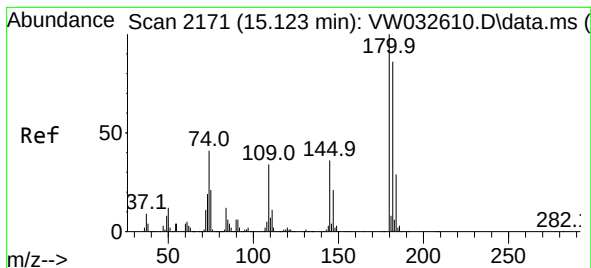
Tgt Ion:146 Resp: 443183
Ion Ratio Lower Upper
146 100
111 44.3 21.5 64.5
148 61.5 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.411 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032618.D
Acq: 11 Dec 2025 08:12

Tgt Ion: 75 Resp: 43613
Ion Ratio Lower Upper
75 100
155 68.2 35.3 105.9
157 90.3 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 47.654 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

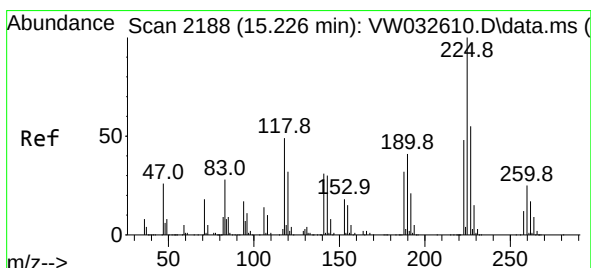
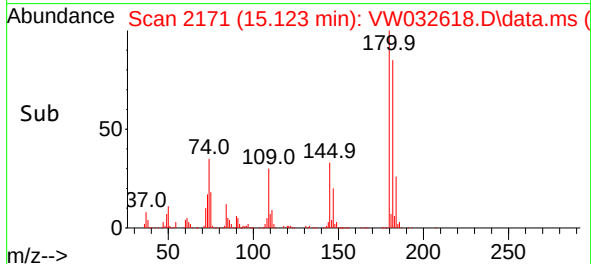
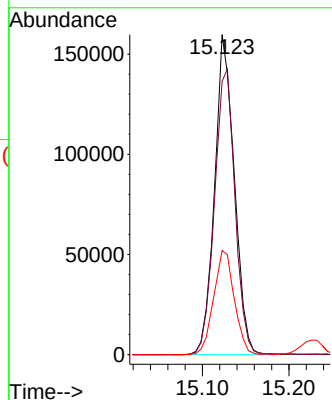
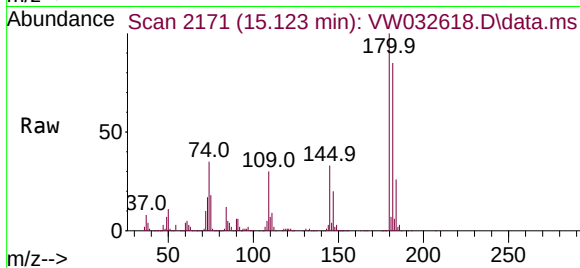
Tgt Ion:180 Resp: 252817

Ion Ratio Lower Upper

180 100

182 92.6 46.9 140.6

145 34.1 17.1 51.3



#94

Hexachlorobutadiene

Concen: 47.610 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

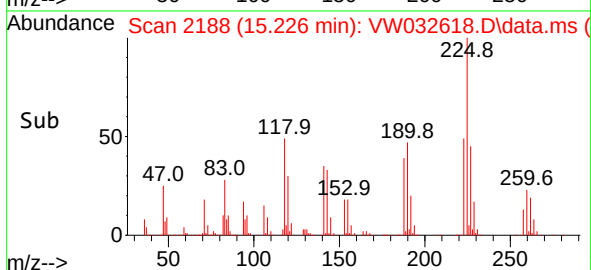
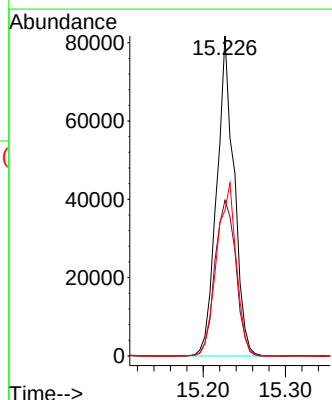
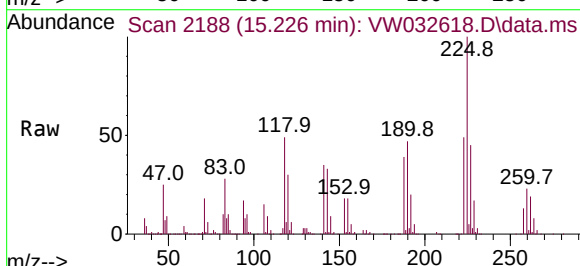
Tgt Ion:225 Resp: 119397

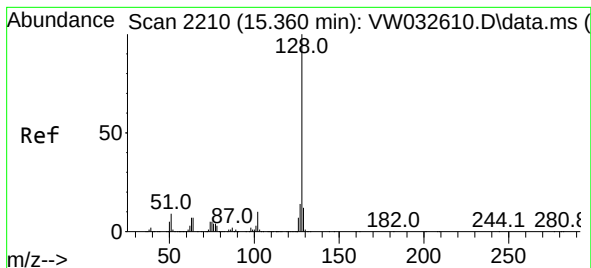
Ion Ratio Lower Upper

225 100

223 58.7 30.3 90.8

227 61.0 29.1 87.4





#95

Naphthalene

Concen: 57.906 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

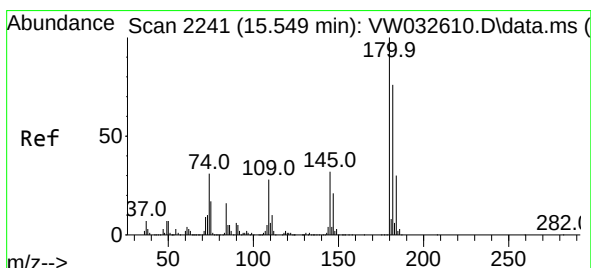
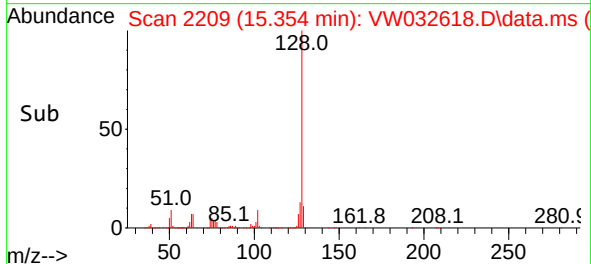
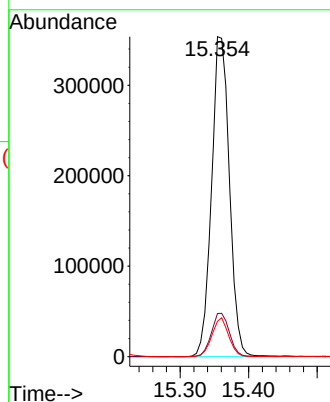
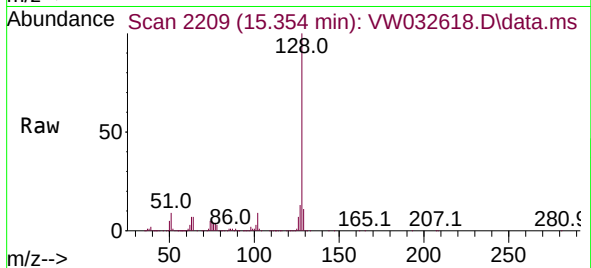
Tgt Ion:128 Resp: 639534

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.4 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 48.761 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032618.D

Acq: 11 Dec 2025 08:12

Tgt Ion:180 Resp: 244529

Ion Ratio Lower Upper

180 100

182 90.2 45.9 137.6

145 35.8 17.0 51.0

