

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063509.D
 Acq On : 14 Jul 2025 16:06
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 01:38:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.358	168	99428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.236	114	178600	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	168356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	94000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	68941	54.345	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.680%	
35) Dibromofluoromethane	5.274	113	57301	53.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.460%	
50) Toluene-d8	7.888	98	171081	48.751	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	10.624	95	81497	53.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	33915	42.889	ug/l	98
3) Chloromethane	1.519	50	40405	41.950	ug/l	100
4) Vinyl Chloride	1.596	62	50153	46.960	ug/l	96
5) Bromomethane	1.843	94	40719	54.418	ug/l	99
6) Chloroethane	1.921	64	36175	46.749	ug/l	97
7) Trichlorofluoromethane	2.126	101	89697	52.061	ug/l	99
8) Diethyl Ether	2.368	74	37956	52.861	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.564	101	51641	50.675	ug/l	97
10) Methyl Iodide	2.705	142	47934	45.032	ug/l	96
11) Tert butyl alcohol	3.197	59	131963	310.255	ug/l	98
12) 1,1-Dichloroethene	2.564	96	47774	50.362	ug/l	99
13) Acrolein	2.477	56	14656	244.120	ug/l	89
14) Allyl chloride	2.905	41	114304	50.622	ug/l	99
15) Acrylonitrile	3.303	53	271085	297.545	ug/l	98
16) Acetone	2.622	43	265276	249.282	ug/l	99
17) Carbon Disulfide	2.773	76	86334	38.072	ug/l	98
18) Methyl Acetate	2.940	43	176492	64.446	ug/l	98
19) Methyl tert-butyl Ether	3.358	73	226406	55.341	ug/l	100
20) Methylene Chloride	3.027	84	63572	40.971	ug/l	96
21) trans-1,2-Dichloroethene	3.329	96	49797	48.861	ug/l	96
22) Diisopropyl ether	3.988	45	202045	52.551	ug/l	99
23) Vinyl Acetate	3.946	43	815496	273.356	ug/l	99
24) 1,1-Dichloroethane	3.847	63	116946	53.595	ug/l	98
25) 2-Butanone	4.705	43	347862	291.190	ug/l	98
26) 2,2-Dichloropropane	4.644	77	96364	50.761	ug/l	96
27) cis-1,2-Dichloroethene	4.647	96	71196	52.925	ug/l	97
28) Bromochloromethane	4.956	49	56389	55.014	ug/l	97
29) Tetrahydrofuran	5.052	42	220434	292.514	ug/l	99
30) Chloroform	5.072	83	125723	54.574	ug/l	96
31) Cyclohexane	5.364	56	80865	46.100	ug/l	96
32) 1,1,1-Trichloroethane	5.297	97	106573	54.331	ug/l	98
36) 1,1-Dichloropropene	5.509	75	73033	49.926	ug/l	97
37) Ethyl Acetate	4.805	43	115544	48.772	ug/l	99
38) Carbon Tetrachloride	5.506	117	79510	49.330	ug/l	99
39) Methylcyclohexane	6.747	83	76892	43.503	ug/l	97
40) Benzene	5.756	78	237136	51.907	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063509.D
 Acq On : 14 Jul 2025 16:06
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 01:38:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.966	41	65146	58.278	ug/l	96
42) 1,2-Dichloroethane	5.782	62	96484	56.167	ug/l	98
43) Isopropyl Acetate	5.911	43	177548	56.423	ug/l	98
44) Trichloroethene	6.528	130	61077	49.958	ug/l	98
45) 1,2-Dichloropropane	6.779	63	67624	53.247	ug/l	98
46) Dibromomethane	6.904	93	50508	55.896	ug/l	96
47) Bromodichloromethane	7.091	83	98395	52.368	ug/l	100
48) Methyl methacrylate	6.956	41	80309	55.218	ug/l	97
49) 1,4-Dioxane	6.965	88	30858	966.891	ug/l	99
51) 4-Methyl-2-Pentanone	7.782	43	651446	286.027	ug/l	98
52) Toluene	7.959	92	153209	51.273	ug/l	97
53) t-1,3-Dichloropropene	8.200	75	85539	52.025	ug/l	99
54) cis-1,3-Dichloropropene	7.596	75	100079	54.374	ug/l	97
55) 1,1,2-Trichloroethane	8.390	97	70411	55.485	ug/l	94
56) Ethyl methacrylate	8.325	69	105264	51.422	ug/l	97
57) 1,3-Dichloropropane	8.563	76	113164	54.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.461	63	9192	432.430	ug/l	97
59) 2-Hexanone	8.676	43	478901	278.000	ug/l	98
60) Dibromochloromethane	8.798	129	76651	53.919	ug/l	100
61) 1,2-Dibromoethane	8.914	107	68337	54.867	ug/l	99
64) Tetrachloroethene	8.544	164	55828	44.545	ug/l	98
65) Chlorobenzene	9.438	112	180479	51.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.522	131	62676	52.176	ug/l	98
67) Ethyl Benzene	9.560	91	300640	49.941	ug/l	99
68) m/p-Xylenes	9.682	106	228867	99.616	ug/l	96
69) o-Xylene	10.091	106	116077	49.694	ug/l	99
70) Styrene	10.107	104	194986	52.500	ug/l	98
71) Bromoform	10.280	173	51026	48.734	ug/l #	99
73) Isopropylbenzene	10.473	105	315266	49.291	ug/l	100
74) N-amyl acetate	10.313	43	147558	51.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	122185	51.898	ug/l	98
76) 1,2,3-Trichloropropane	10.814	75	122394	49.138	ug/l #	81
77) Bromobenzene	10.772	156	76317	48.677	ug/l	95
78) n-propylbenzene	10.898	91	362296	48.842	ug/l	99
79) 2-Chlorotoluene	10.975	91	229584	49.351	ug/l	99
80) 1,3,5-Trimethylbenzene	11.078	105	269532	48.179	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.538	75	20265	40.577	ug/l #	84
82) 4-Chlorotoluene	11.087	91	261147	49.446	ug/l	98
83) tert-Butylbenzene	11.409	119	267527	49.865	ug/l	98
84) 1,2,4-Trimethylbenzene	11.460	105	267618	48.715	ug/l	99
85) sec-Butylbenzene	11.634	105	343070	48.461	ug/l	100
86) p-Isopropyltoluene	11.785	119	281259	48.972	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	147814	48.925	ug/l	100
88) 1,4-Dichlorobenzene	11.827	146	152821	49.613	ug/l	98
89) n-Butylbenzene	12.200	91	255939	48.148	ug/l	99
90) Hexachloroethane	12.467	117	44703	46.538	ug/l	98
91) 1,2-Dichlorobenzene	12.203	146	148246	50.320	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.988	75	30600	54.878	ug/l	99
93) 1,2,4-Trichlorobenzene	13.833	180	91606	48.553	ug/l	99
94) Hexachlorobutadiene	14.013	225	36627	45.415	ug/l	99
95) Naphthalene	14.078	128	304284	49.247	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	89514	48.278	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
Data File : VU063509.D
Acq On : 14 Jul 2025 16:06
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

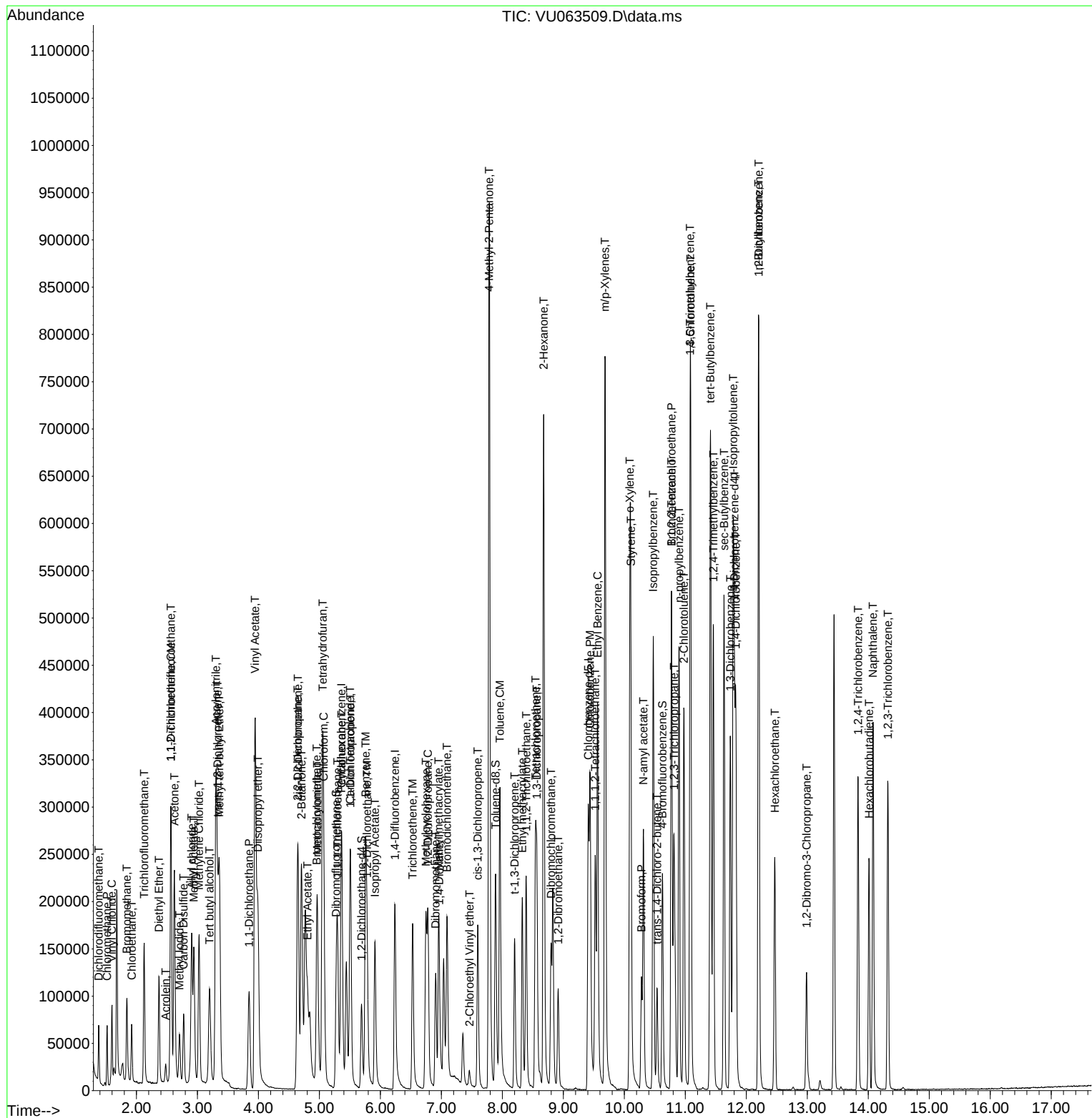
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

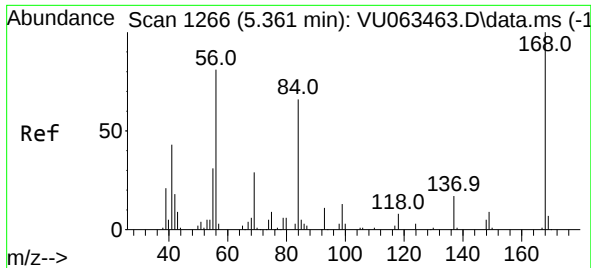
Quant Time: Jul 15 01:38:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 15 01:29:09 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jul 15 01:38:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 15 01:29:09 2025
Response via : Initial Calibration

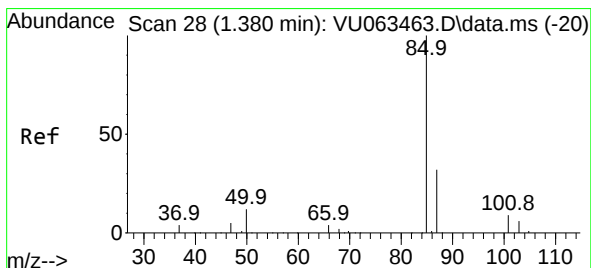
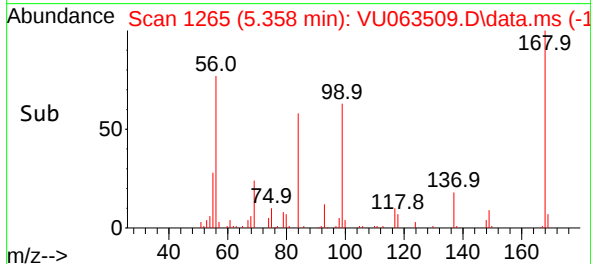
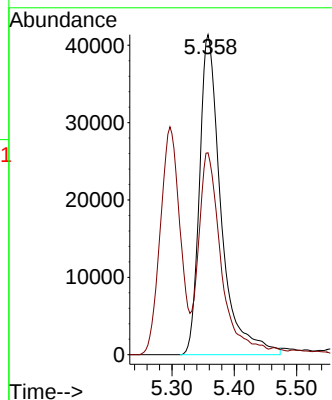
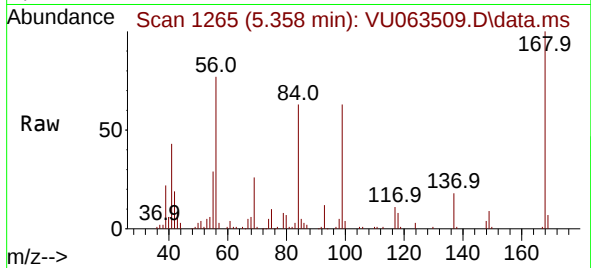




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.358 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

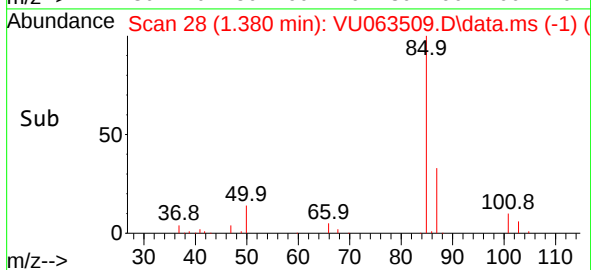
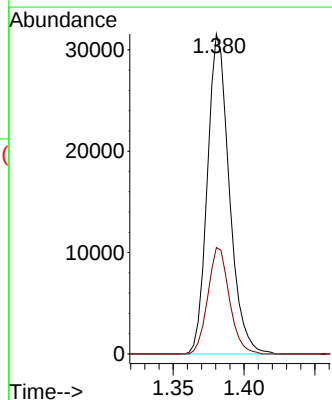
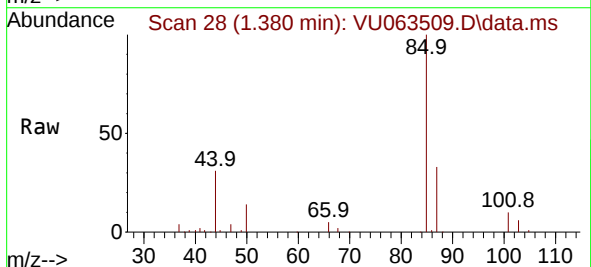
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

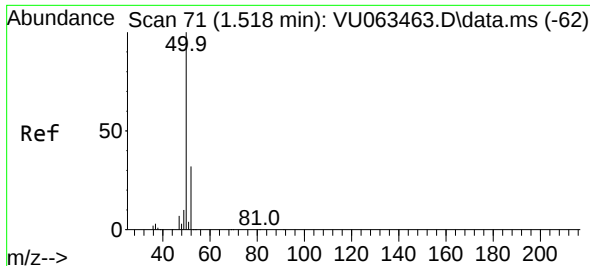
Tgt Ion:168 Resp: 99428
Ion Ratio Lower Upper
168 100
99 61.5 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 42.889 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 85 Resp: 33915
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

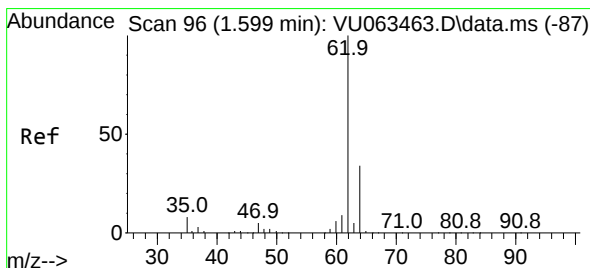
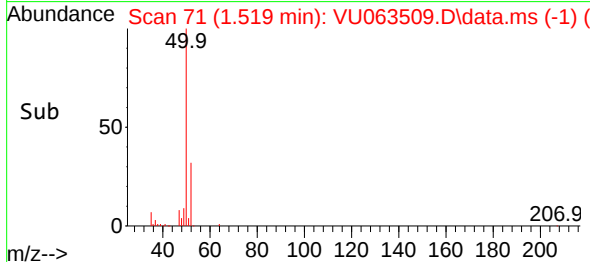
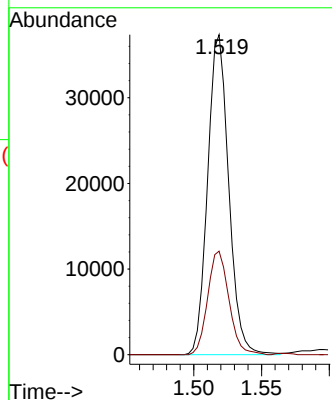
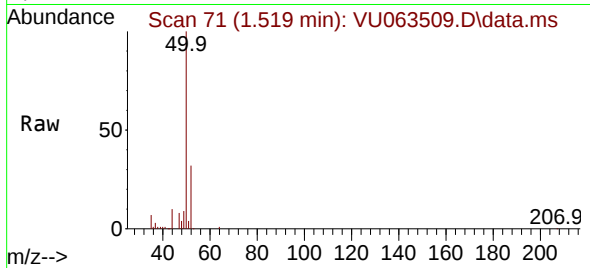




#3
Chloromethane
Concen: 41.950 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.001 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

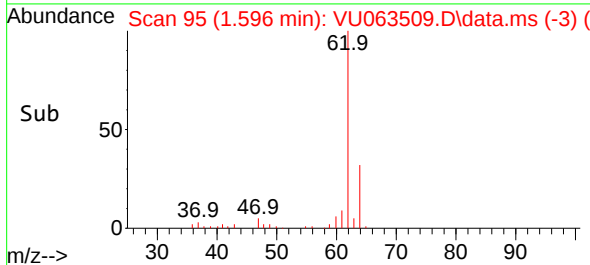
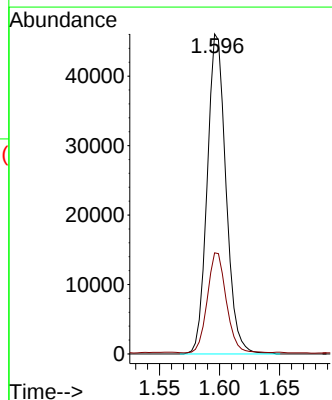
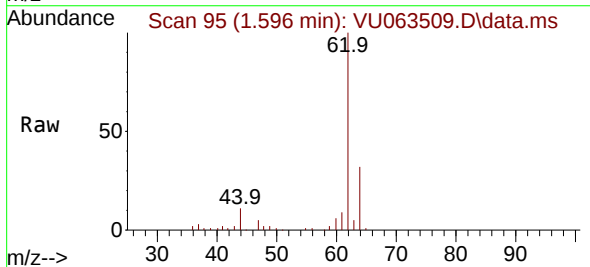
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

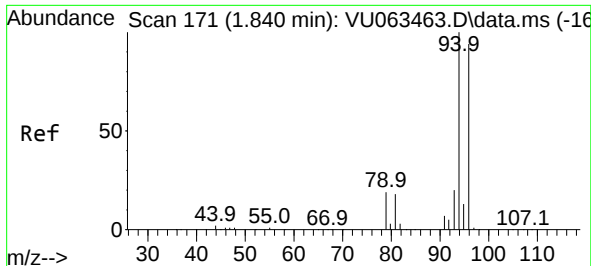
Tgt Ion: 50 Resp: 40405
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.8



#4
Vinyl Chloride
Concen: 46.960 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 62 Resp: 50153
Ion Ratio Lower Upper
62 100
64 31.2 26.9 40.3

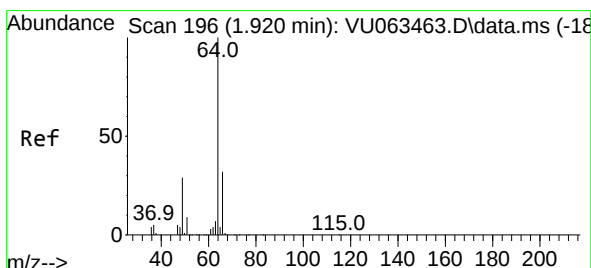
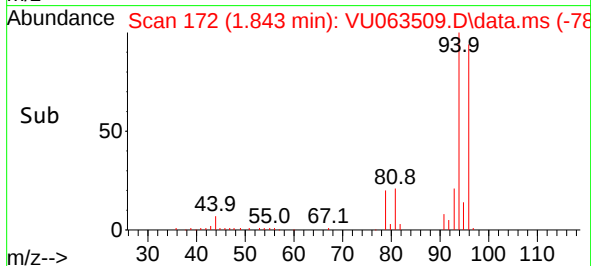
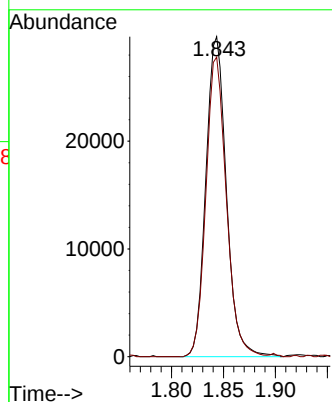
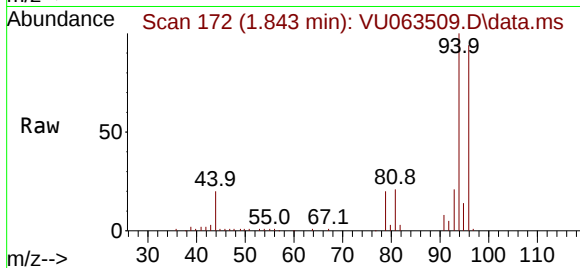




#5
Bromomethane
Concen: 54.418 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

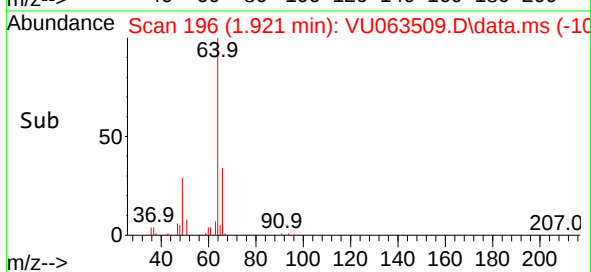
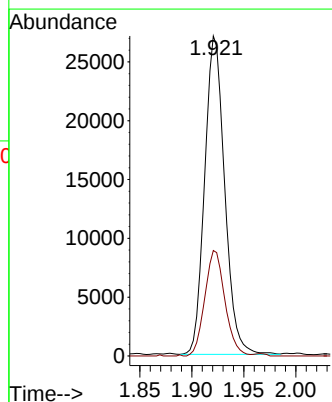
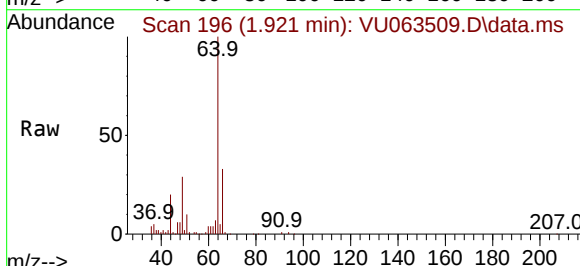
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

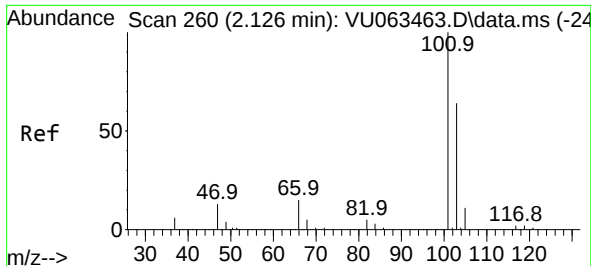
Tgt Ion: 94 Resp: 40719
Ion Ratio Lower Upper
94 100
96 93.6 75.5 113.3



#6
Chloroethane
Concen: 46.749 ug/l
RT: 1.921 min Scan# 196
Delta R.T. 0.001 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 64 Resp: 36175
Ion Ratio Lower Upper
64 100
66 33.1 25.3 37.9

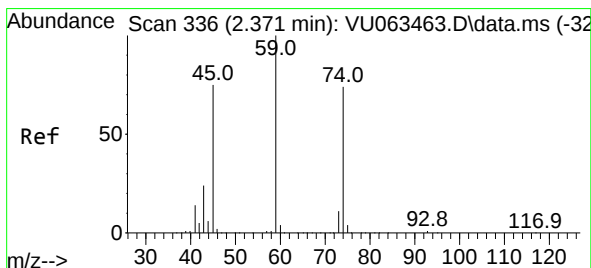
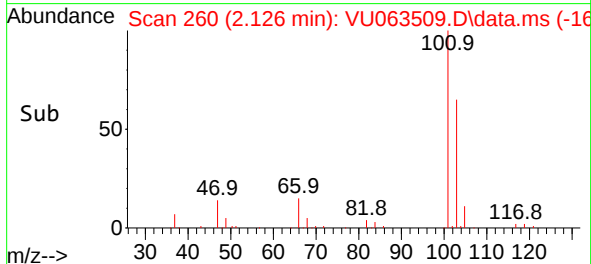
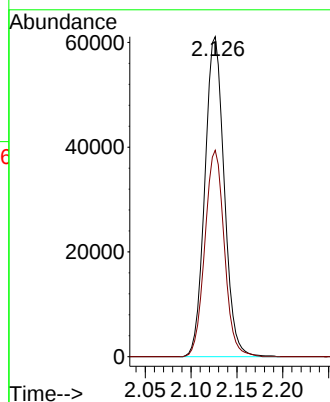
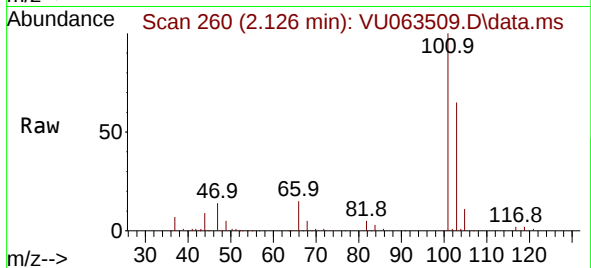




#7
Trichlorofluoromethane
Concen: 52.061 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

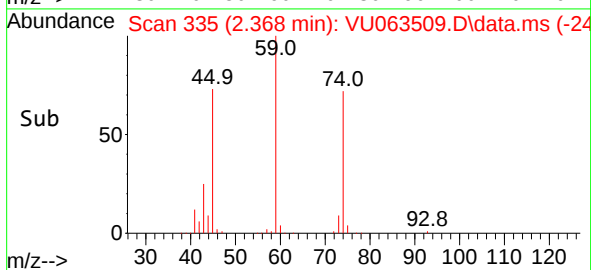
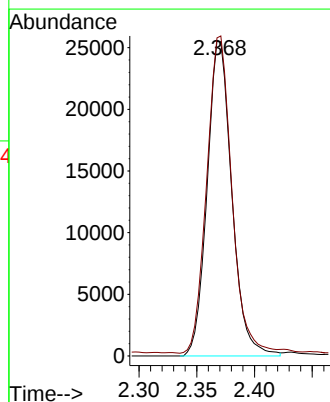
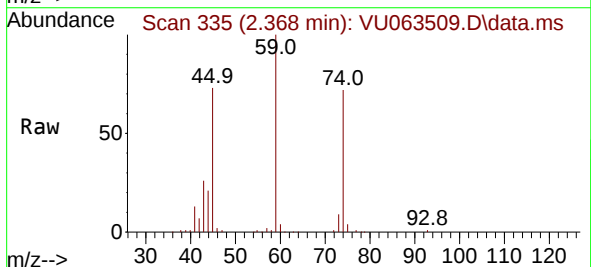
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

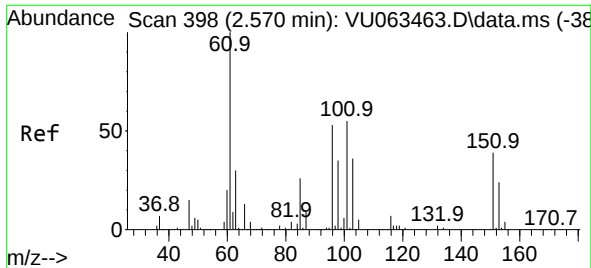
Tgt Ion:101 Resp: 89697
Ion Ratio Lower Upper
101 100
103 64.5 51.1 76.7



#8
Diethyl Ether
Concen: 52.861 ug/l
RT: 2.368 min Scan# 335
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 74 Resp: 37956
Ion Ratio Lower Upper
74 100
45 102.7 49.7 149.1

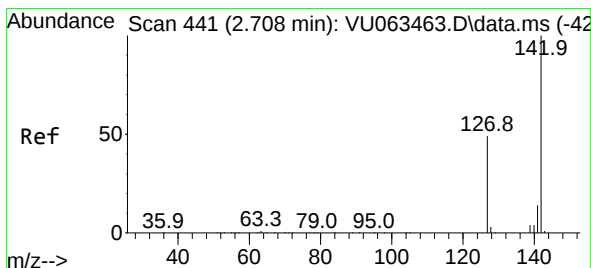
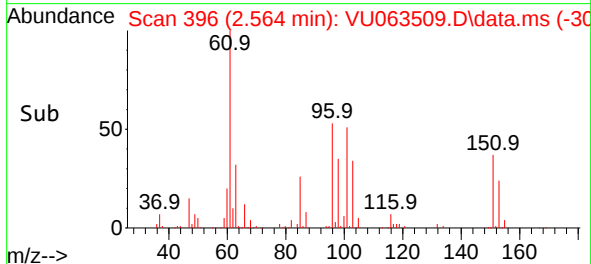
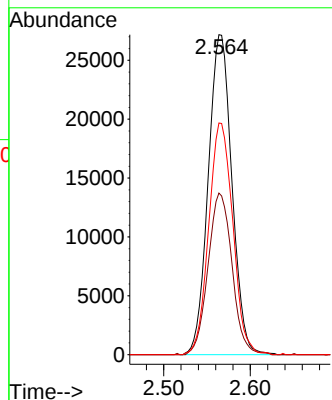
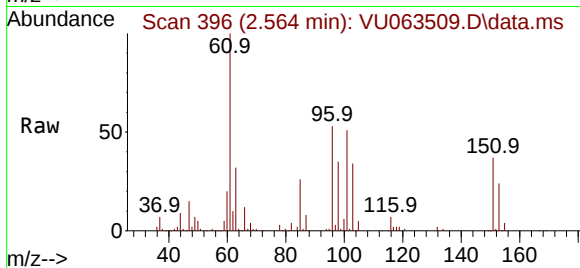




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.675 ug/l
RT: 2.564 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

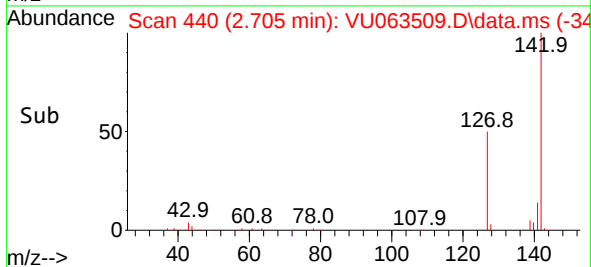
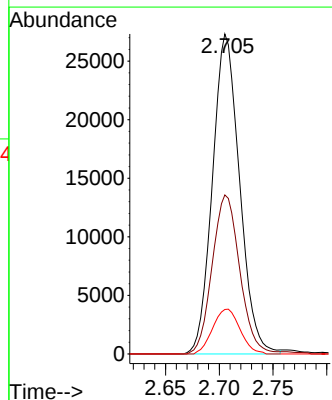
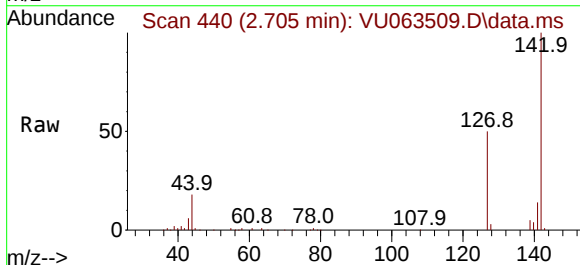
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

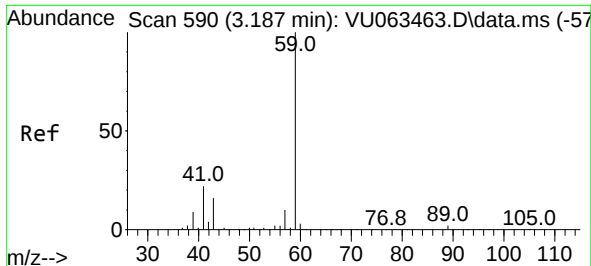
Tgt Ion:101 Resp: 51641
Ion Ratio Lower Upper
101 100
85 51.1 39.6 59.4
151 73.7 57.2 85.8



#10
Methyl Iodide
Concen: 45.032 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:142 Resp: 47934
Ion Ratio Lower Upper
142 100
127 50.9 38.2 57.4
141 14.1 11.1 16.7

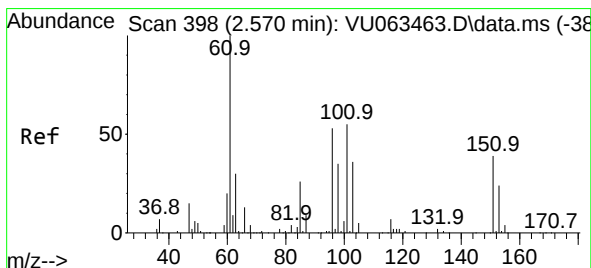
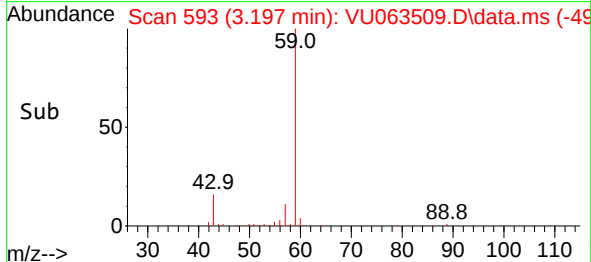
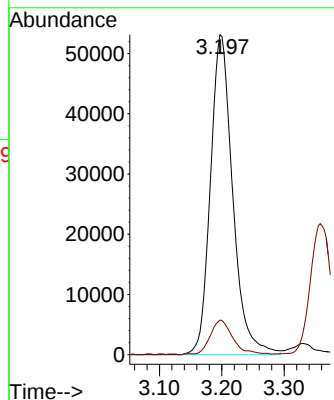
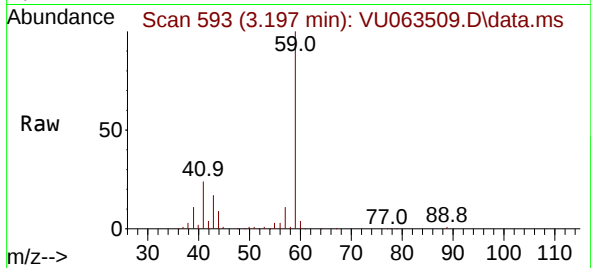




#11
Tert butyl alcohol
Concen: 310.255 ug/l
RT: 3.197 min Scan# 591
Delta R.T. 0.010 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

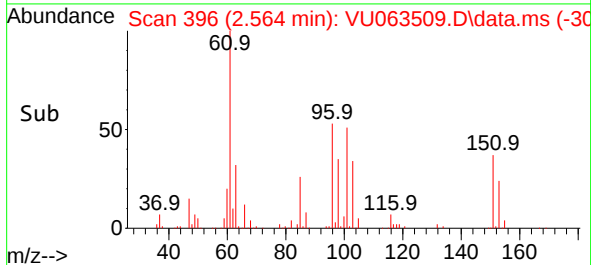
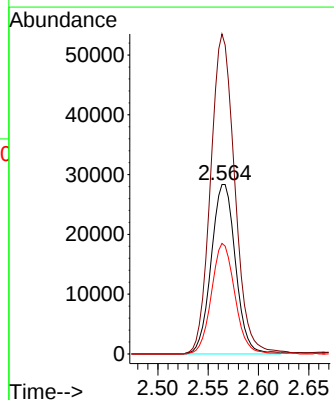
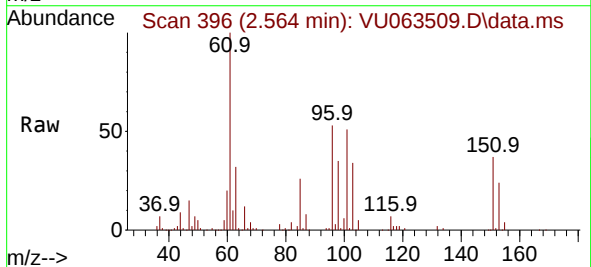
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

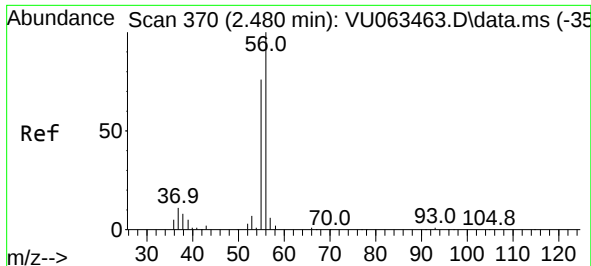
Tgt Ion: 59 Resp: 131963
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 50.362 ug/l
RT: 2.564 min Scan# 396
Delta R.T. -0.006 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 96 Resp: 47774
Ion Ratio Lower Upper
96 100
61 188.9 149.6 224.4
98 65.2 52.0 78.0

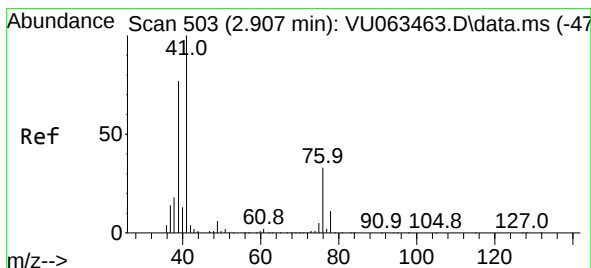
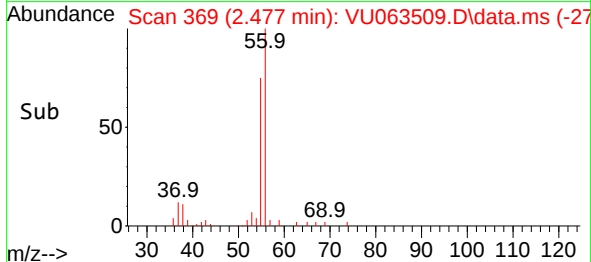
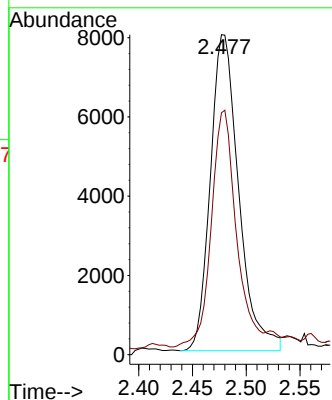
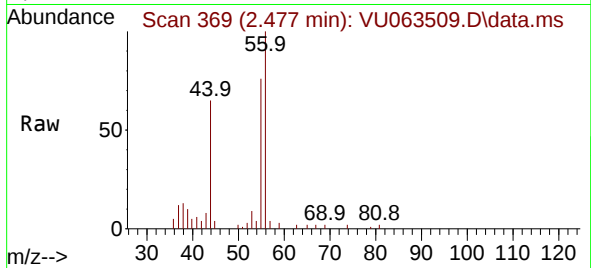




#13
Acrolein
Concen: 244.120 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

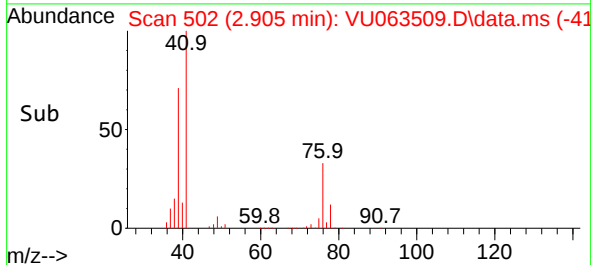
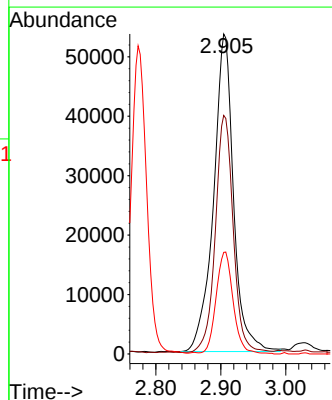
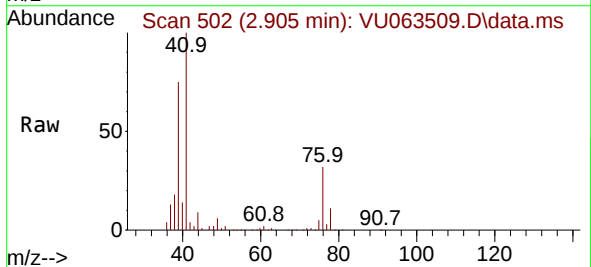
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

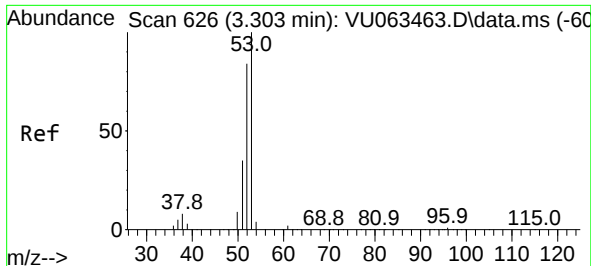
Tgt Ion: 56 Resp: 14656
Ion Ratio Lower Upper
56 100
55 65.7 60.2 90.2



#14
Allyl chloride
Concen: 50.622 ug/l
RT: 2.905 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 41 Resp: 114304
Ion Ratio Lower Upper
41 100
39 66.9 53.9 80.9
76 27.5 23.1 34.7

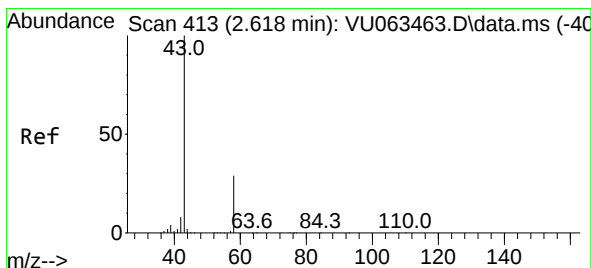
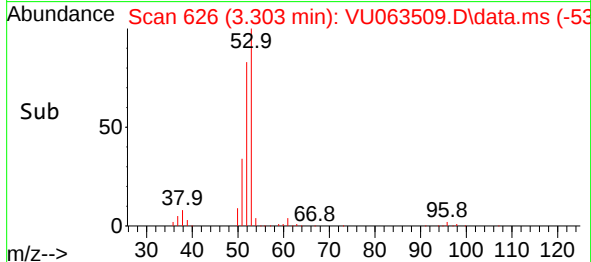
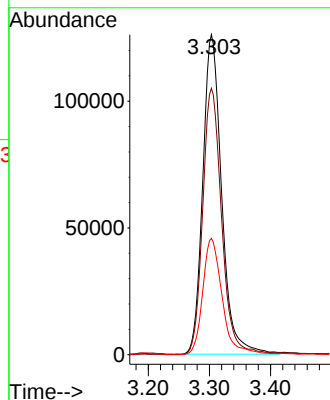
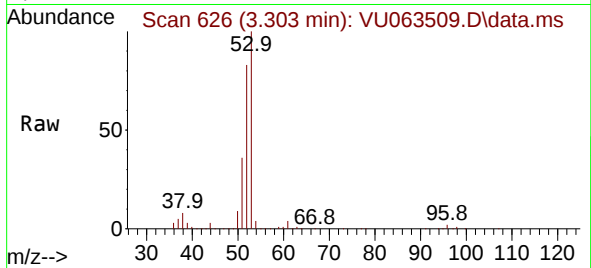




#15
Acrylonitrile
Concen: 297.545 ug/l
RT: 3.303 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

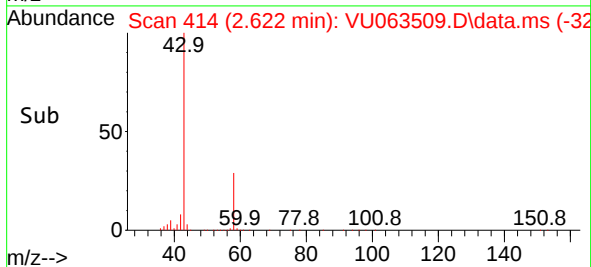
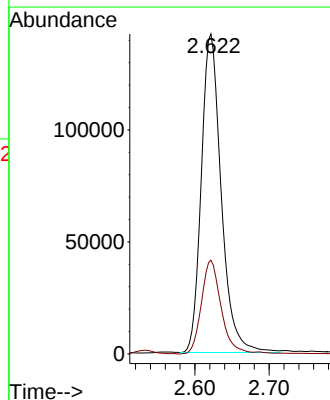
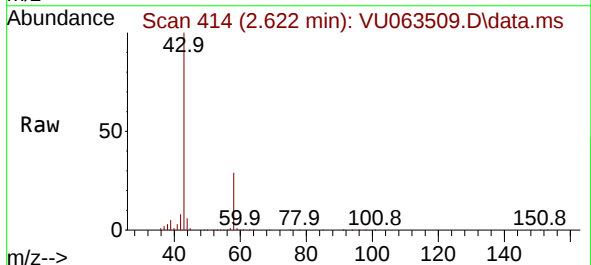
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

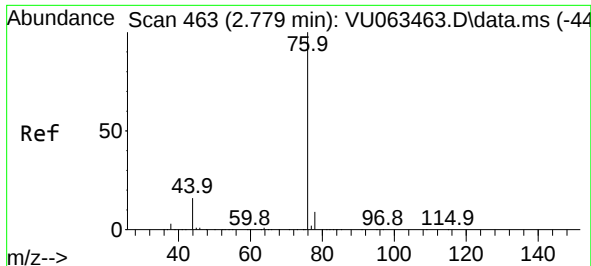
Tgt Ion: 53 Resp: 271085
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 37.1 28.8 43.2



#16
Acetone
Concen: 249.282 ug/l
RT: 2.622 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 43 Resp: 265276
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7

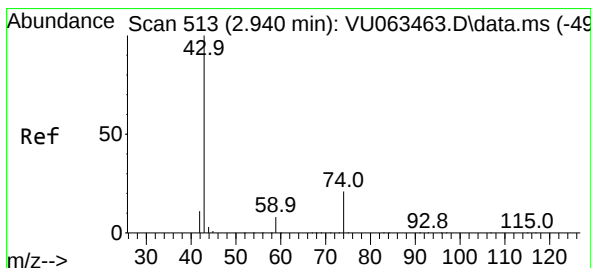
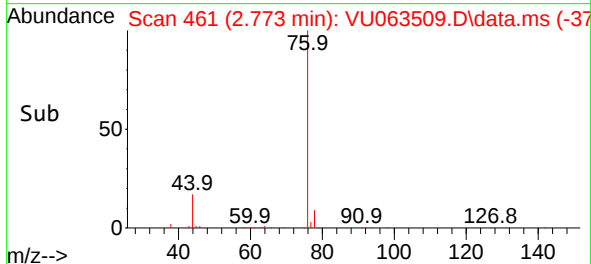
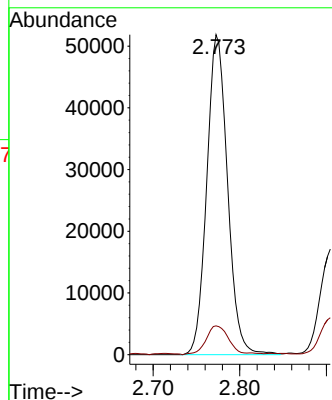
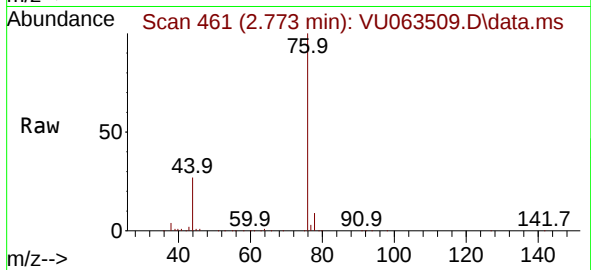




#17
Carbon Disulfide
Concen: 38.072 ug/l
RT: 2.773 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

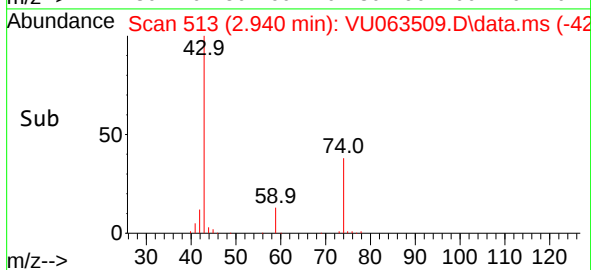
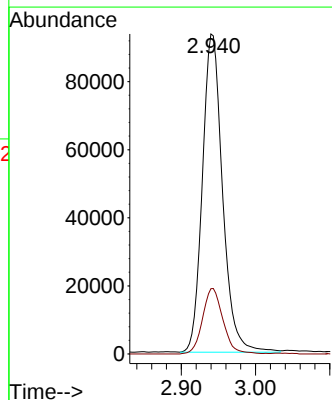
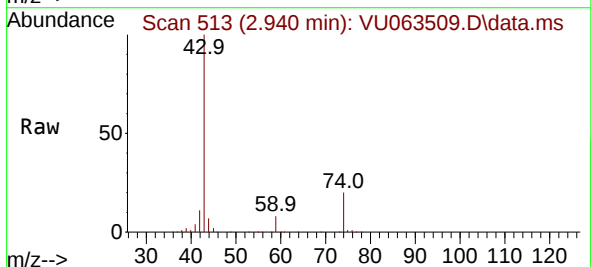
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

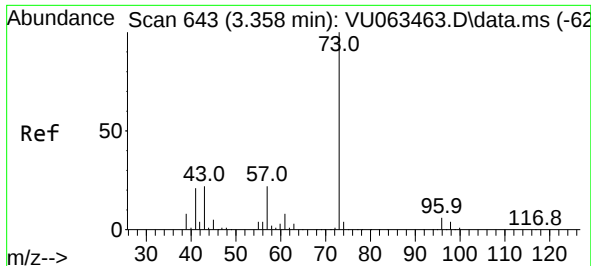
Tgt Ion: 76 Resp: 86334
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 64.446 ug/l
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 43 Resp: 176492
Ion Ratio Lower Upper
43 100
74 20.8 17.3 25.9

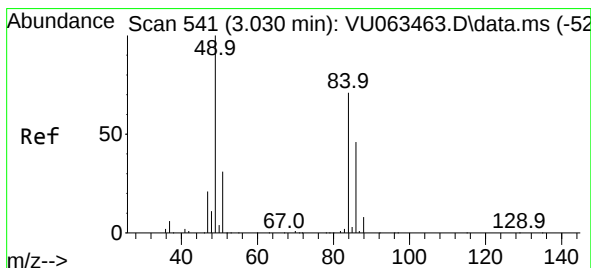
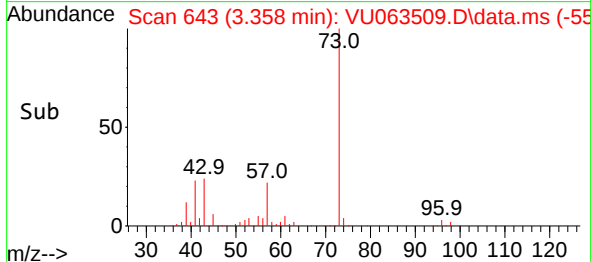
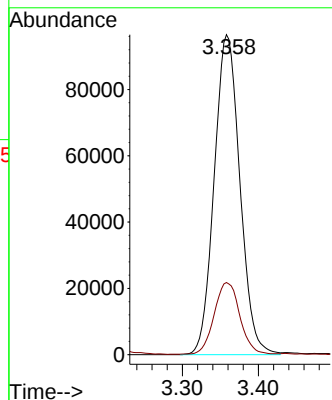
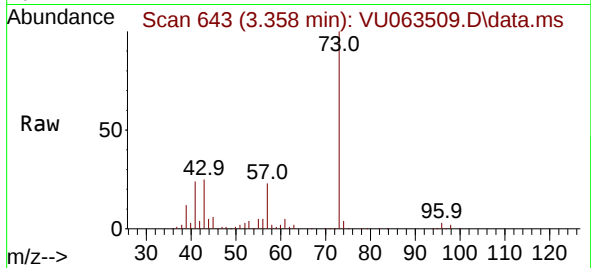




#19
Methyl tert-butyl Ether
Concen: 55.341 ug/l
RT: 3.358 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

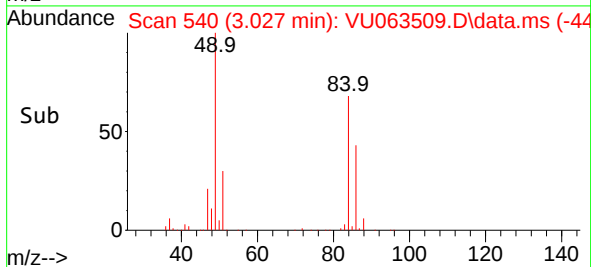
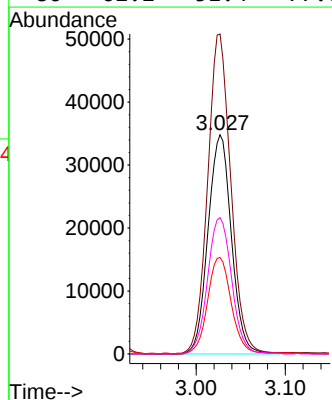
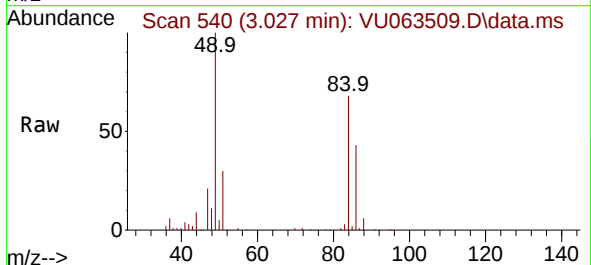
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

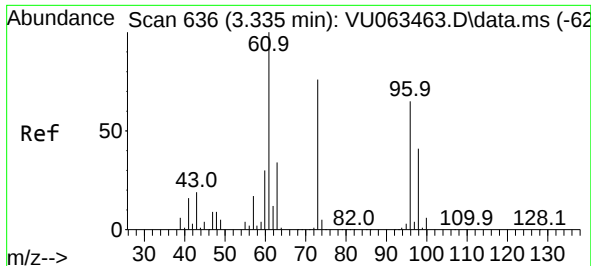
Tgt Ion: 73 Resp: 226406
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 40.971 ug/l
RT: 3.027 min Scan# 540
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 84 Resp: 63572
Ion Ratio Lower Upper
84 100
49 146.0 112.1 168.1
51 43.7 34.4 51.6
86 62.2 51.4 77.0

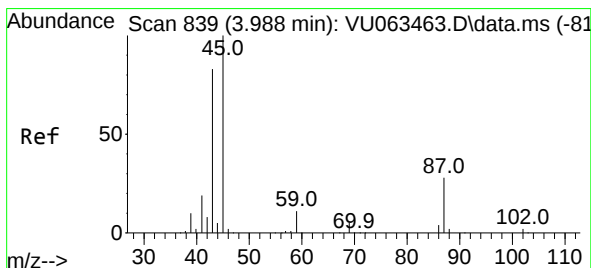
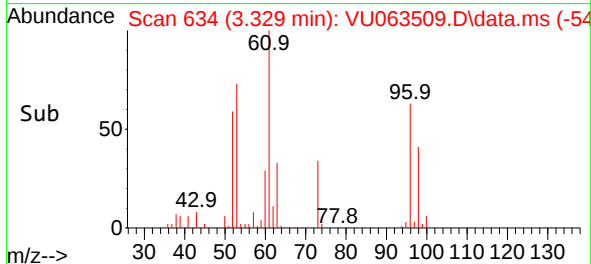
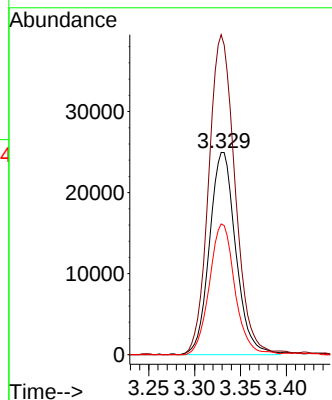
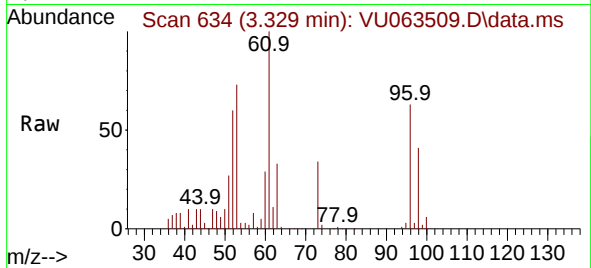




#21
trans-1,2-Dichloroethene
Concen: 48.861 ug/l
RT: 3.329 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

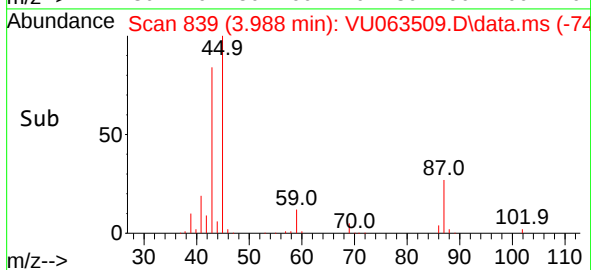
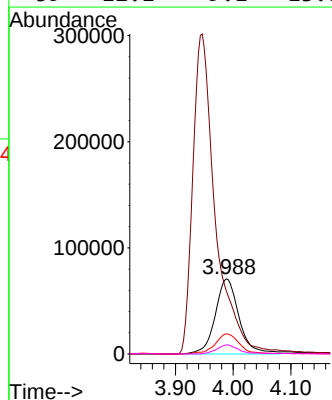
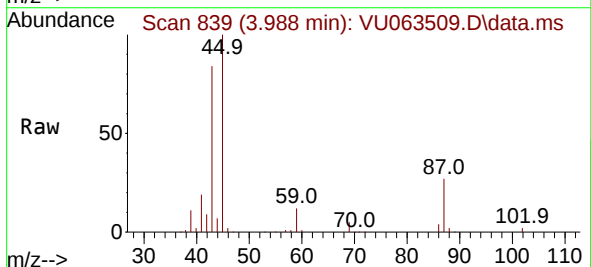
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 49797
Ion Ratio Lower Upper
96 100
61 158.3 122.2 183.4
98 64.6 49.9 74.9



#22
Diisopropyl ether
Concen: 52.551 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 45 Resp: 202045
Ion Ratio Lower Upper
45 100
43 82.8 66.5 99.7
87 26.7 22.6 33.8
59 12.1 9.1 13.7

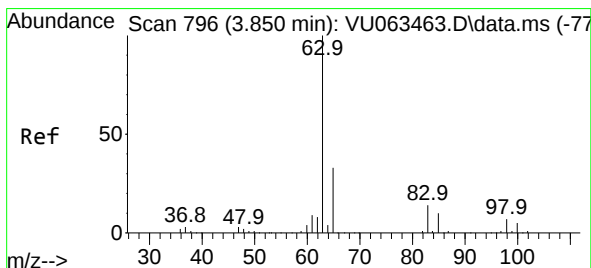
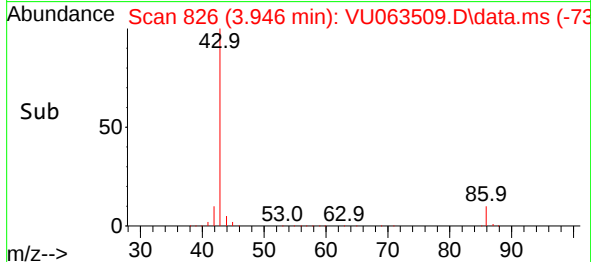
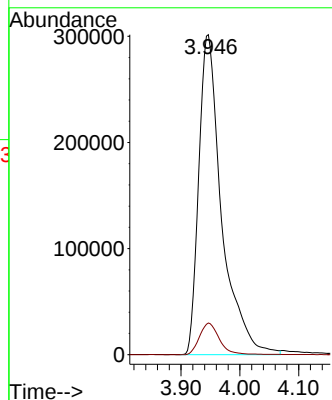
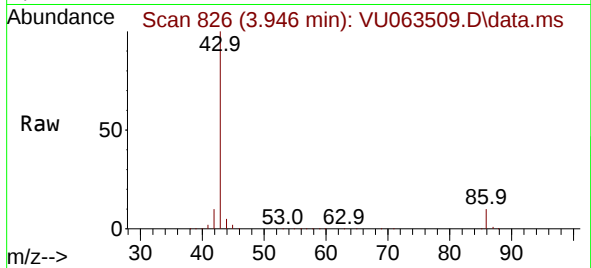




#23
 Vinyl Acetate
 Concen: 273.356 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

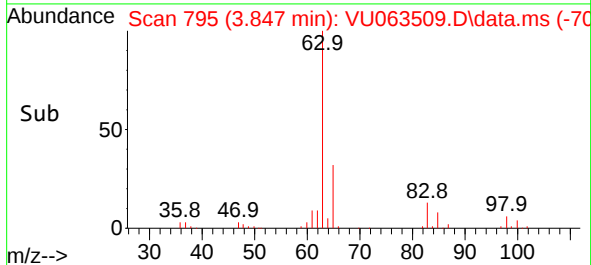
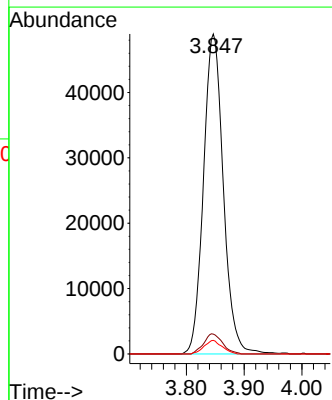
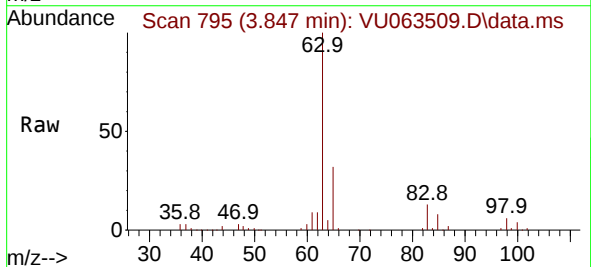
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

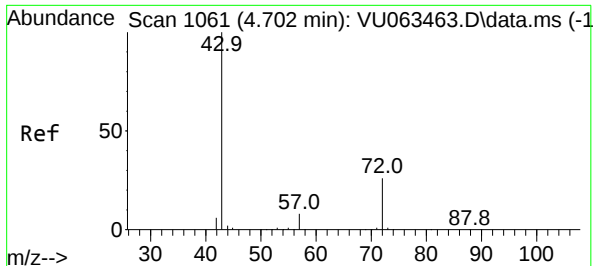
Tgt Ion: 43 Resp: 815496
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 53.595 ug/l
 RT: 3.847 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

Tgt Ion: 63 Resp: 116946
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 291.190 ug/l

RT: 4.705 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

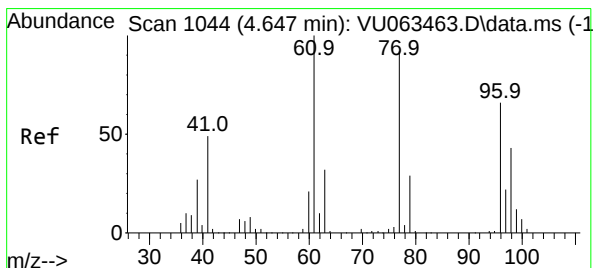
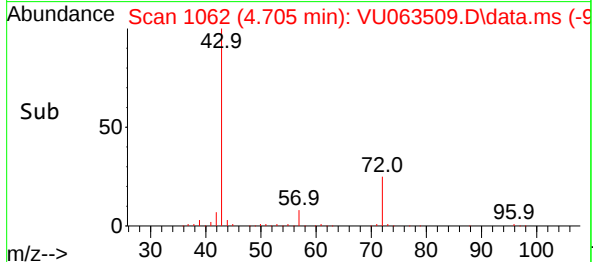
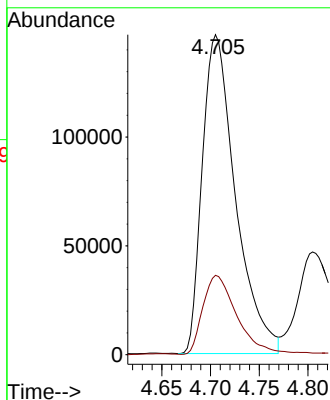
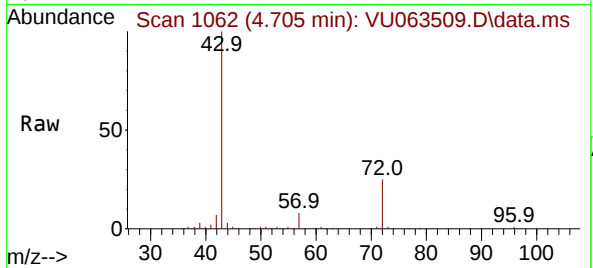
VSTDCCC050EC

Tgt Ion: 43 Resp: 347862

Ion Ratio Lower Upper

43 100

72 24.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 50.761 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063509.D

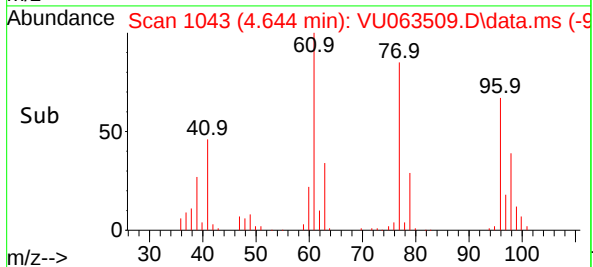
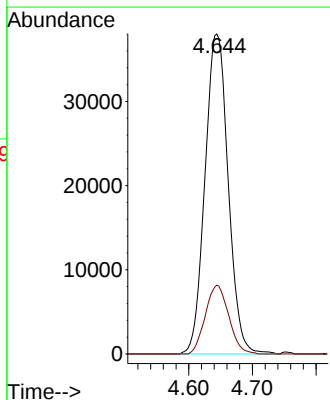
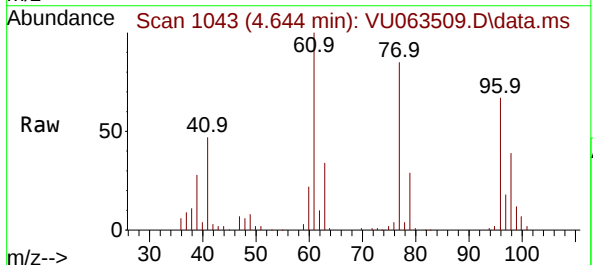
Acq: 14 Jul 2025 16:06

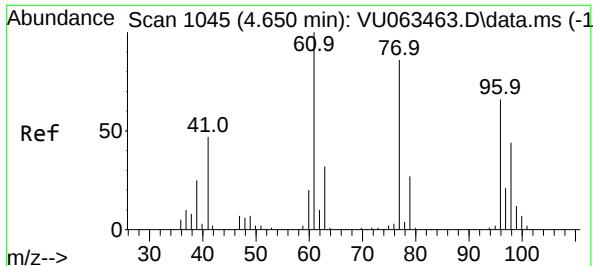
Tgt Ion: 77 Resp: 96364

Ion Ratio Lower Upper

77 100

97 21.6 11.8 35.3



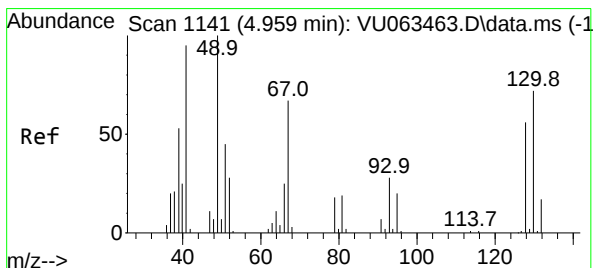
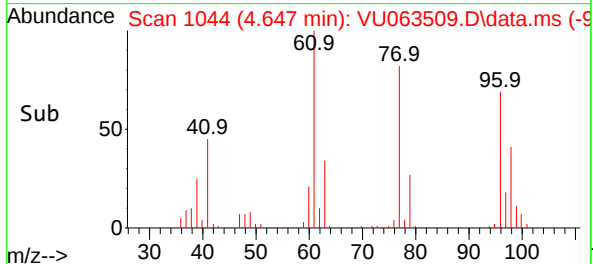
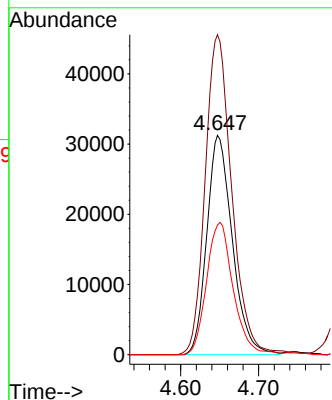
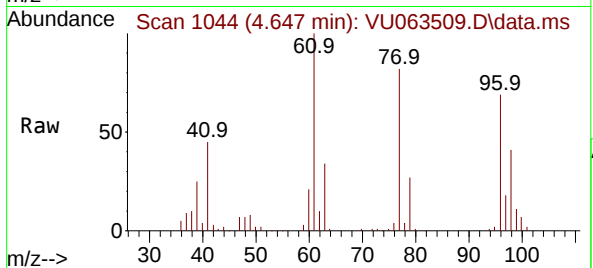


#27
 cis-1,2-Dichloroethene
 Concen: 52.925 ug/l
 RT: 4.647 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 71196

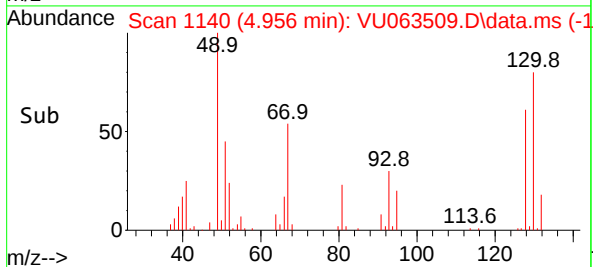
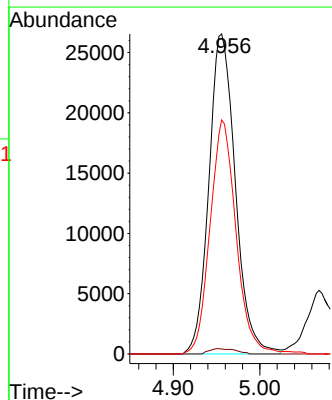
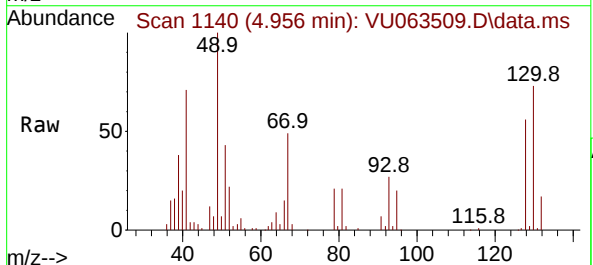
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	307.2
98	62.6	0.0	133.0

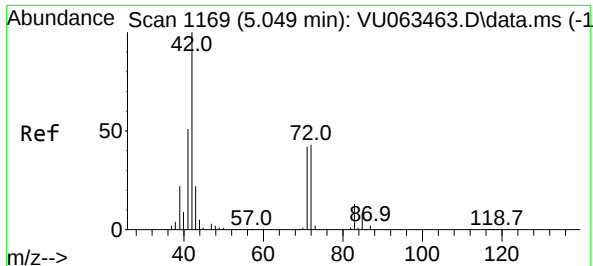


#28
 Bromochloromethane
 Concen: 55.014 ug/l
 RT: 4.956 min Scan# 1140
 Delta R.T. -0.003 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

Tgt Ion: 49 Resp: 56389

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	71.5	59.0	88.4





#29

Tetrahydrofuran

Concen: 292.514 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

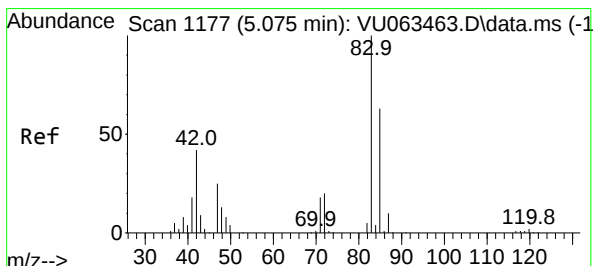
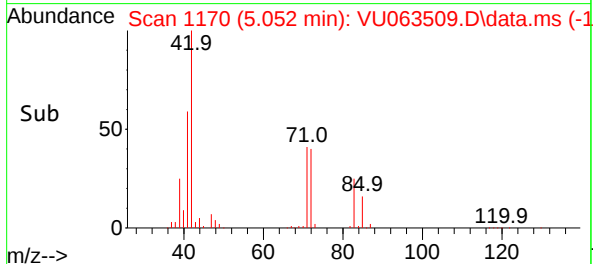
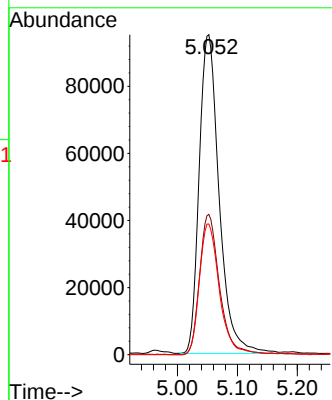
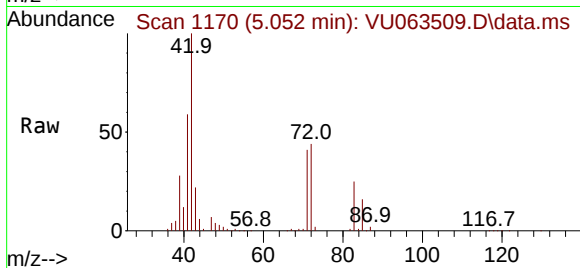
Tgt Ion: 42 Resp: 220434

Ion Ratio Lower Upper

42 100

72 44.0 36.2 54.4

71 41.1 33.3 49.9



#30

Chloroform

Concen: 54.574 ug/l

RT: 5.072 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063509.D

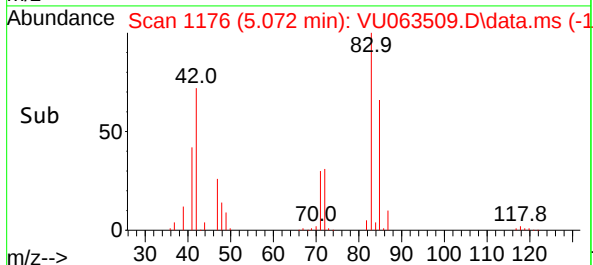
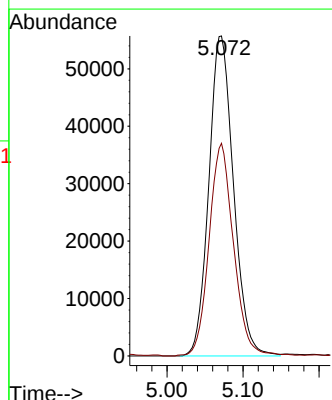
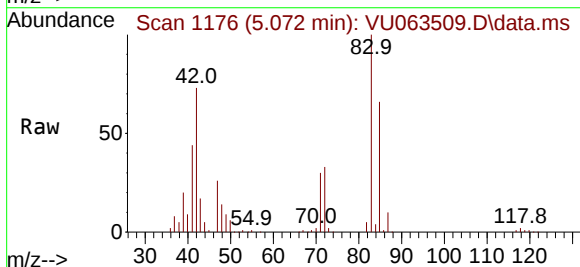
Acq: 14 Jul 2025 16:06

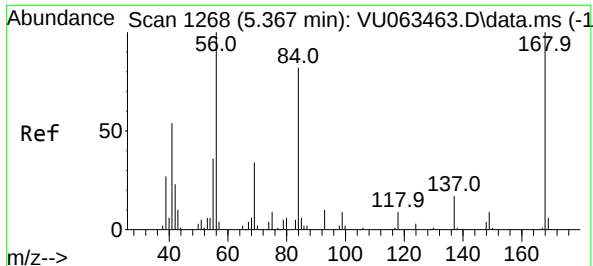
Tgt Ion: 83 Resp: 125723

Ion Ratio Lower Upper

83 100

85 66.2 50.7 76.1

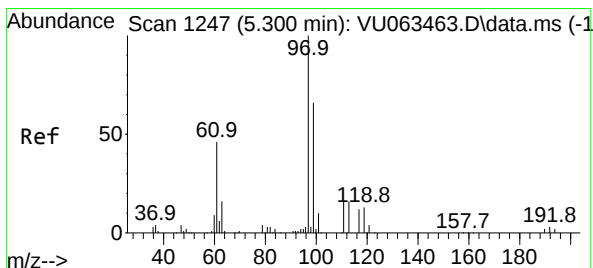
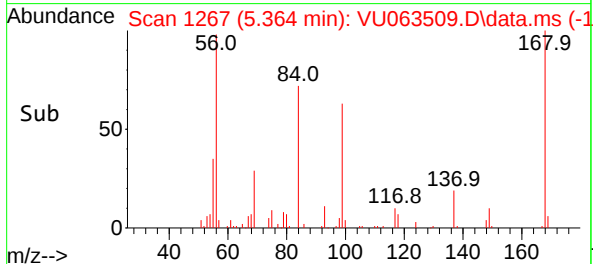
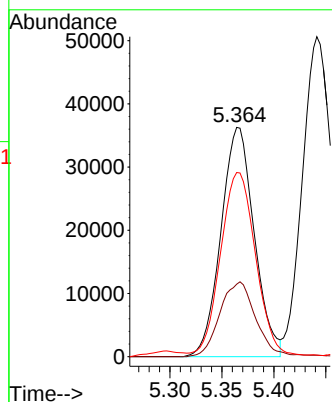
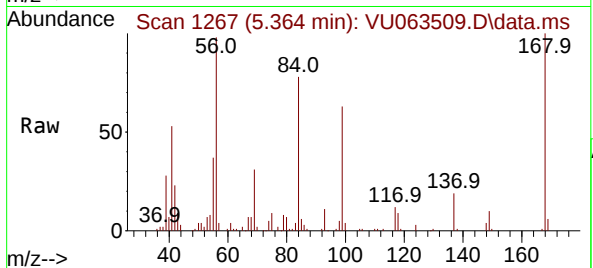




#31
Cyclohexane
Concen: 46.100 ug/l
RT: 5.364 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

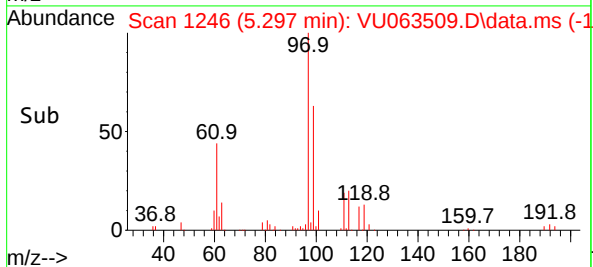
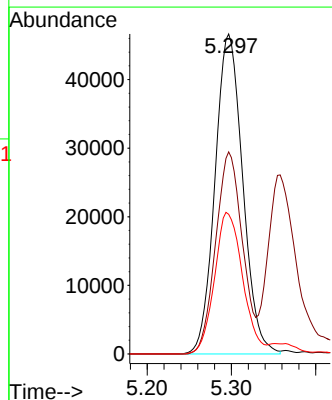
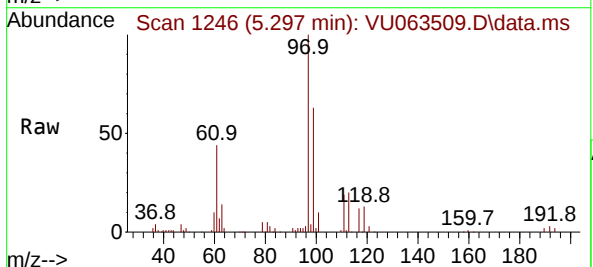
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

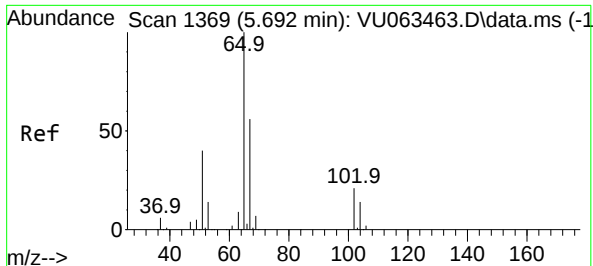
Tgt Ion: 56 Resp: 80865
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.4
84 78.5 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 54.331 ug/l
RT: 5.297 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 97 Resp: 106573
Ion Ratio Lower Upper
97 100
99 60.8 50.4 75.6
61 44.9 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 54.345 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

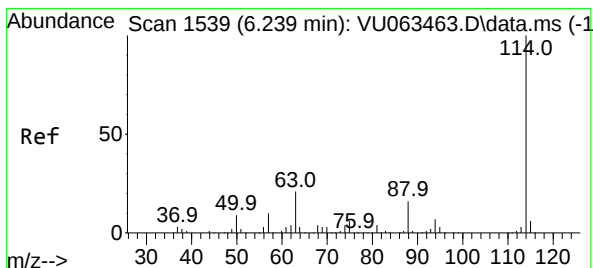
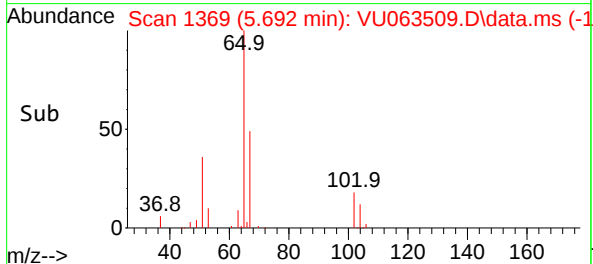
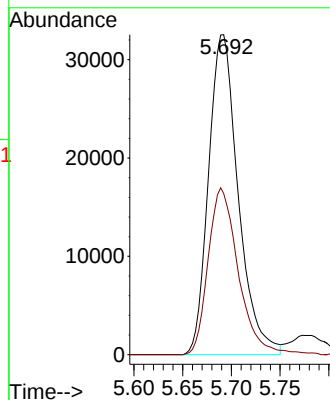
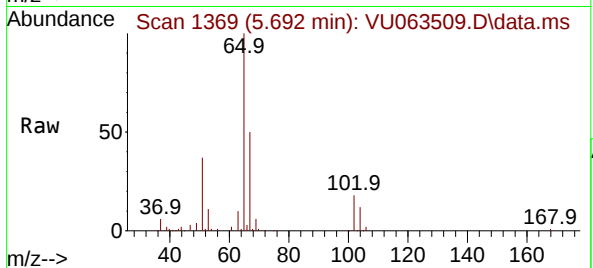
VSTDCCC050EC

Tgt Ion: 65 Resp: 68941

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.236 min Scan# 1538

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

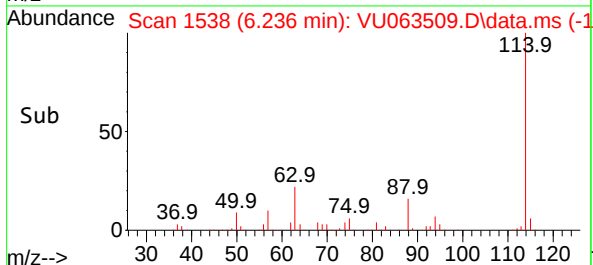
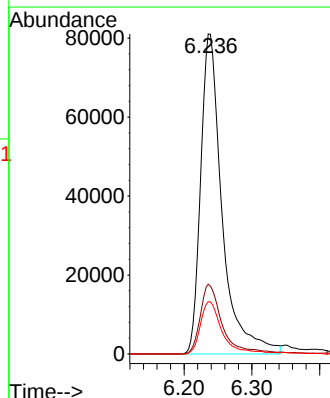
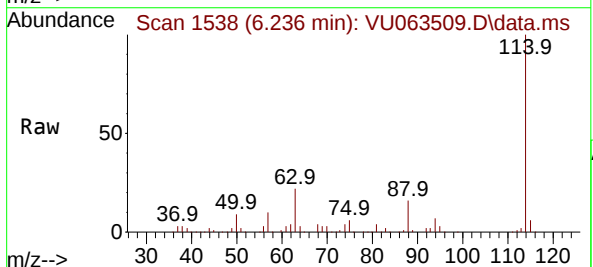
Tgt Ion: 114 Resp: 178600

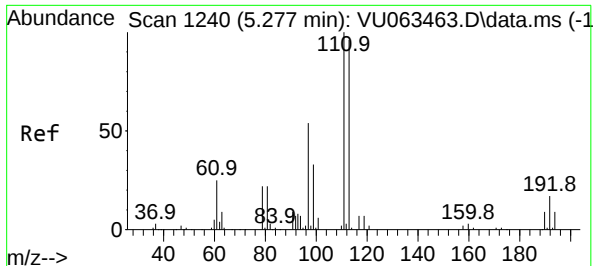
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.226 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

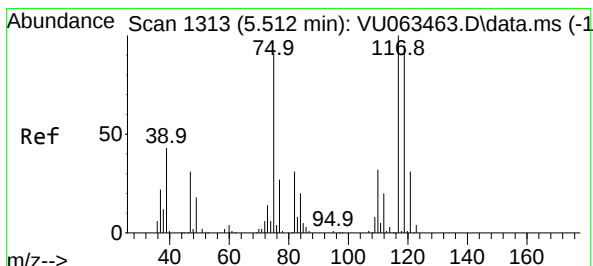
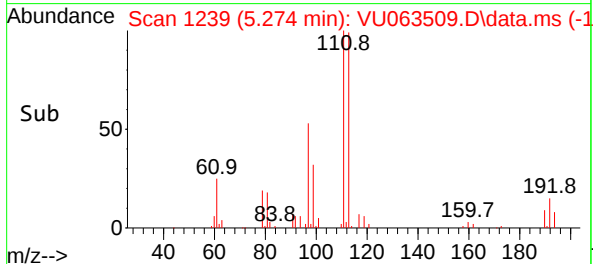
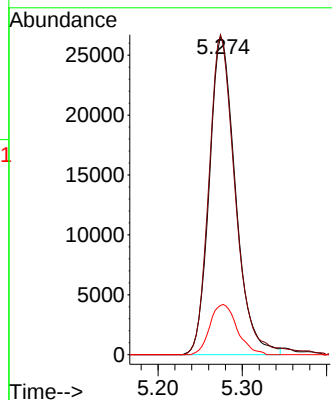
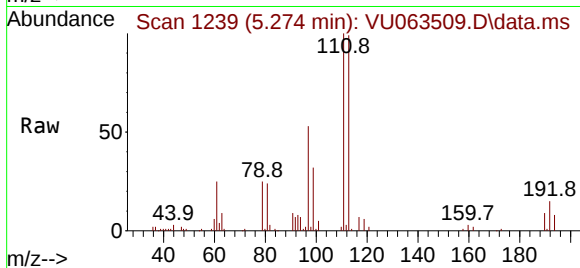
Tgt Ion:113 Resp: 57301

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

192 16.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.926 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

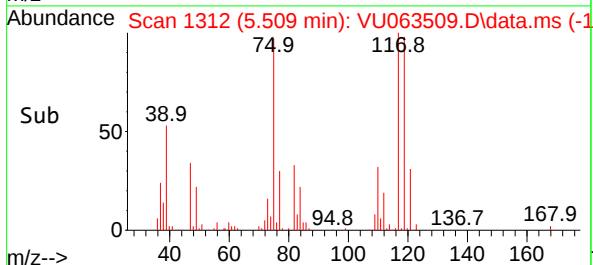
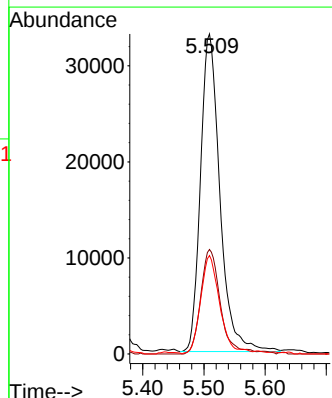
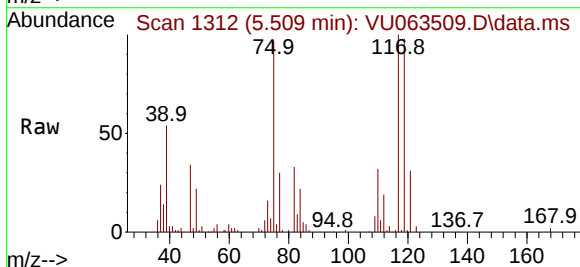
Tgt Ion: 75 Resp: 73033

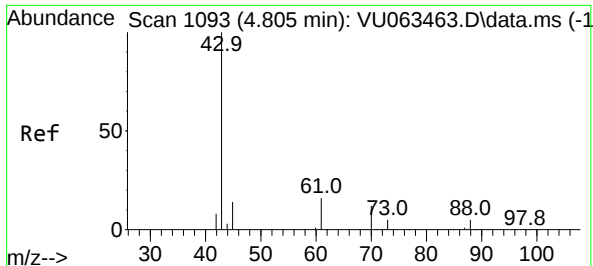
Ion Ratio Lower Upper

75 100

110 32.4 17.3 52.0

77 30.6 23.9 35.9





#37

Ethyl Acetate

Concen: 48.772 ug/l

RT: 4.805 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

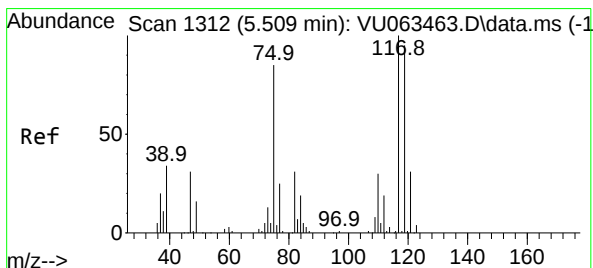
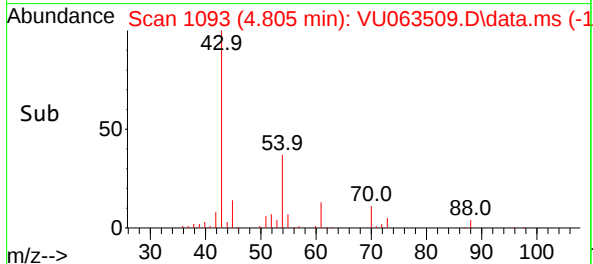
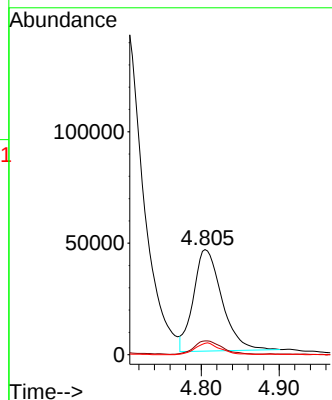
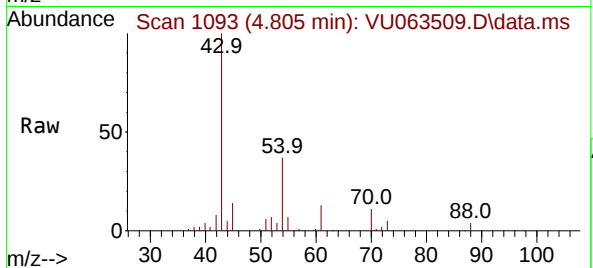
Tgt Ion: 43 Resp: 115544

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.330 ug/l

RT: 5.506 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

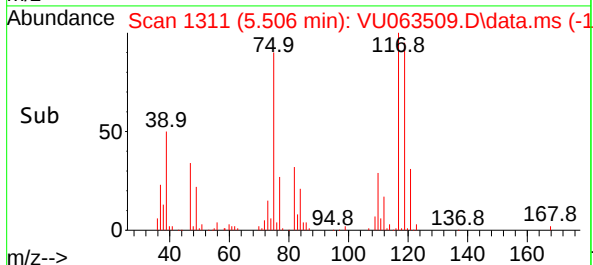
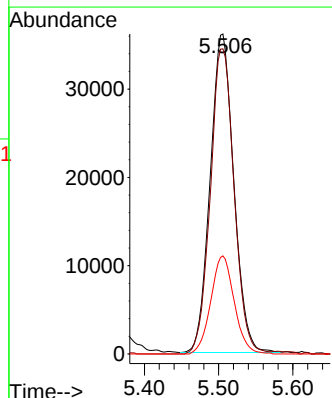
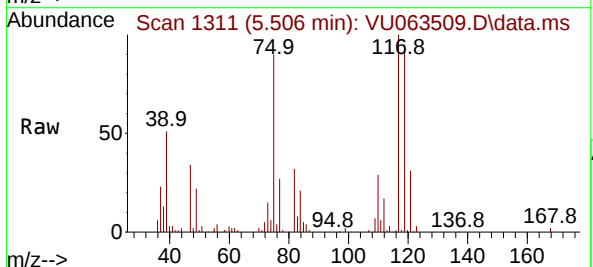
Tgt Ion: 117 Resp: 79510

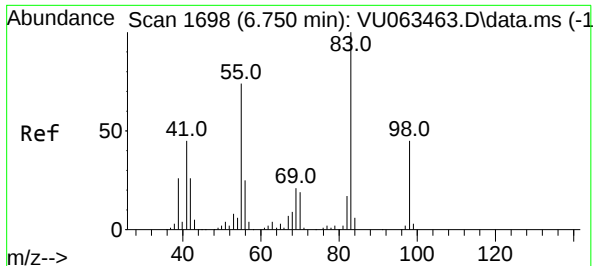
Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1

121 30.8 25.0 37.4





#39

Methylcyclohexane

Concen: 43.503 ug/l

RT: 6.747 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

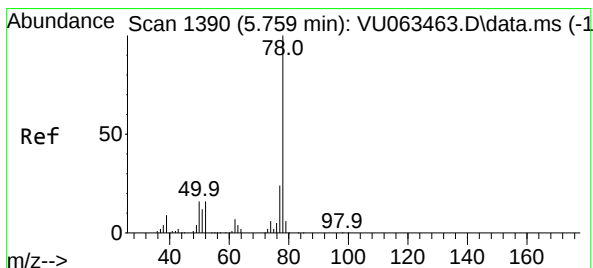
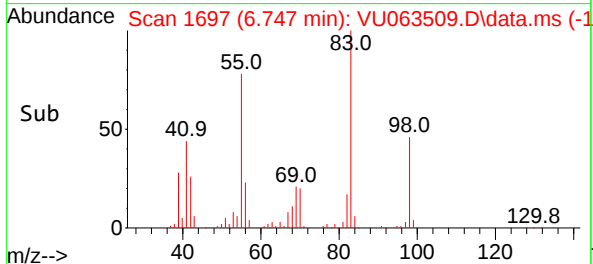
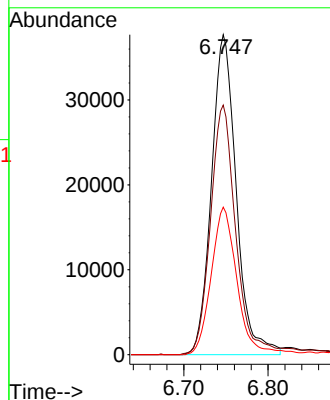
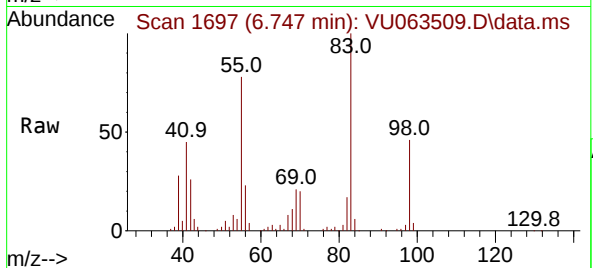
Tgt Ion: 83 Resp: 76892

Ion Ratio Lower Upper

83 100

55 78.0 59.4 89.2

98 46.1 36.2 54.4



#40

Benzene

Concen: 51.907 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VU063509.D

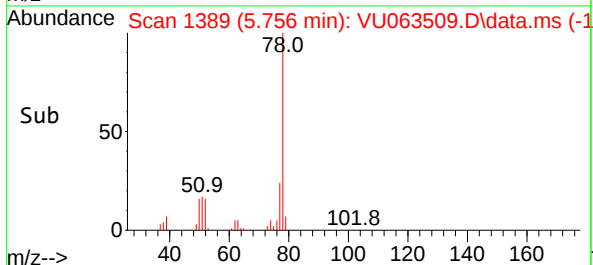
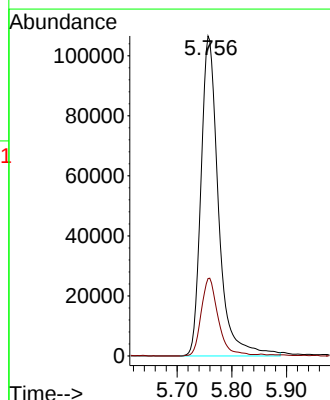
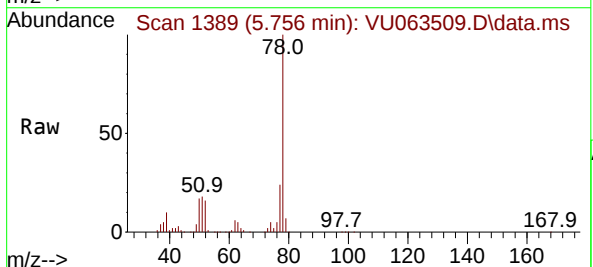
Acq: 14 Jul 2025 16:06

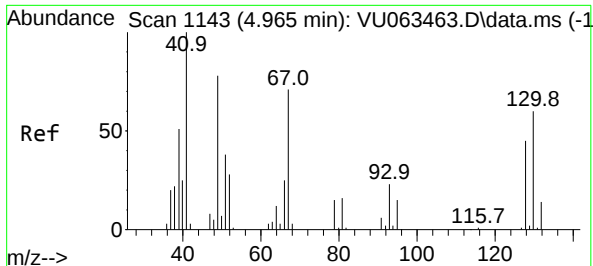
Tgt Ion: 78 Resp: 237136

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4

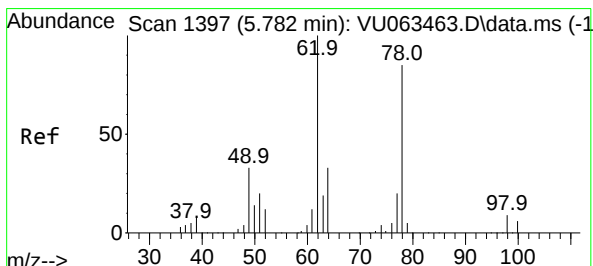
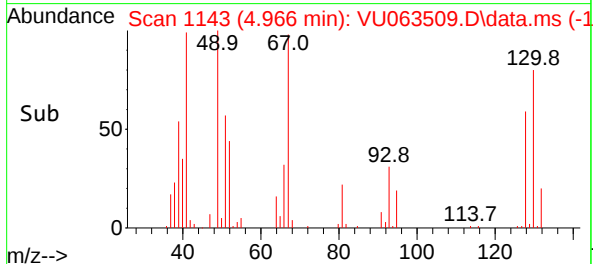
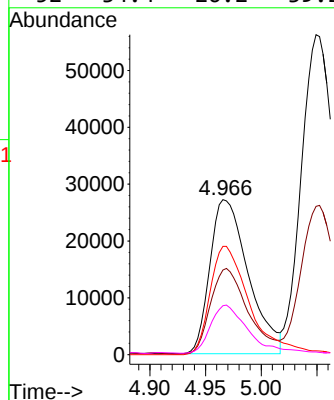
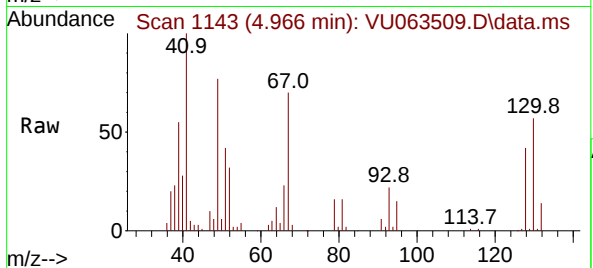




#41
Methacrylonitrile
Concen: 58.278 ug/l
RT: 4.966 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

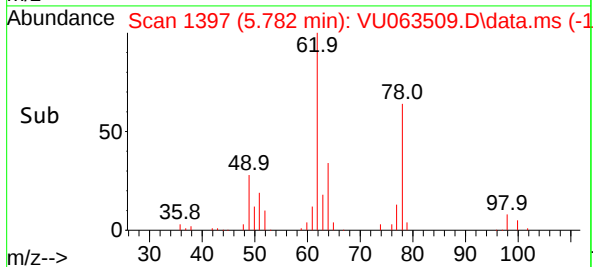
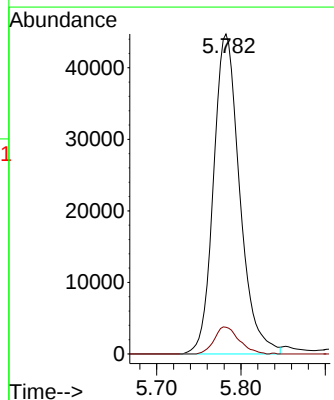
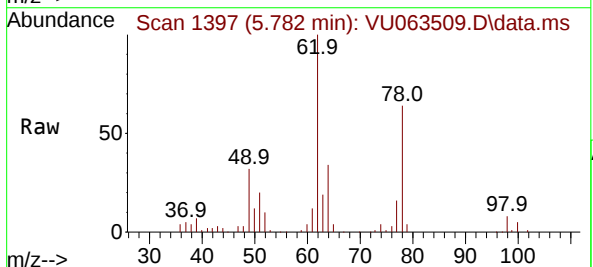
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

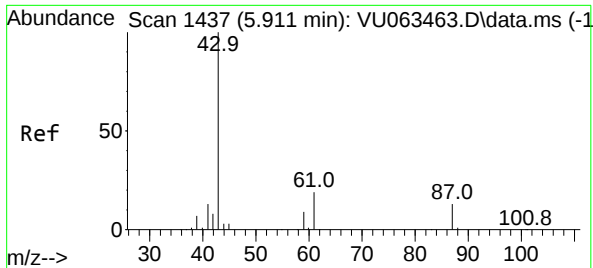
Tgt Ion:	41	Resp:	65146
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.6	65.4
67	72.8	62.8	94.2
52	34.4	26.2	39.2



#42
1,2-Dichloroethane
Concen: 56.167 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:	62	Resp:	96484
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.6

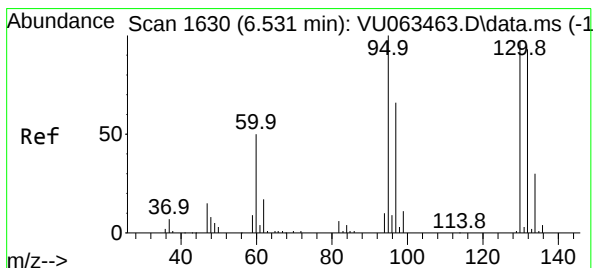
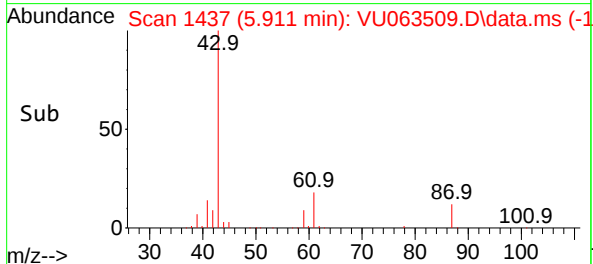
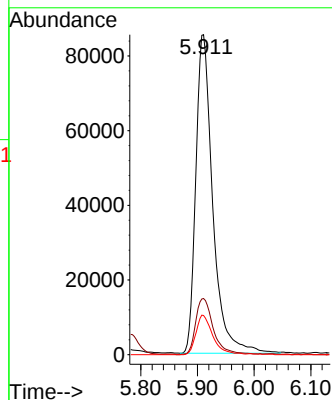
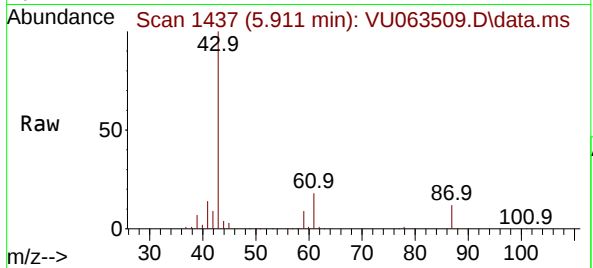




#43
Isopropyl Acetate
Concen: 56.423 ug/l
RT: 5.911 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

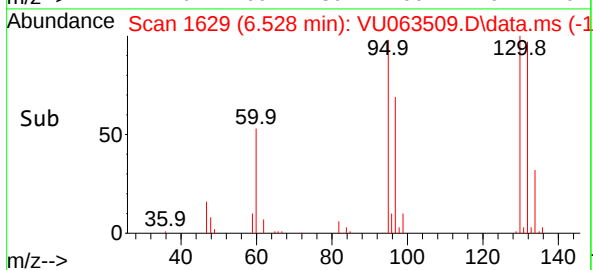
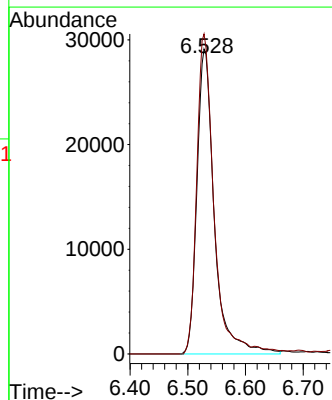
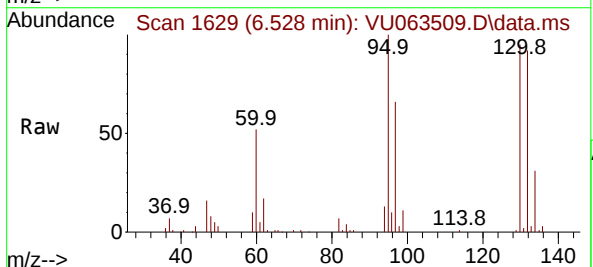
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

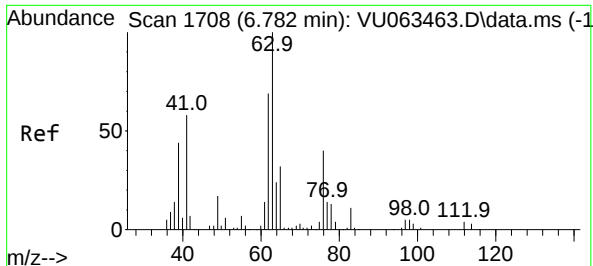
Tgt Ion: 43 Resp: 177548
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.2
87 12.3 10.5 15.7



#44
Trichloroethene
Concen: 49.958 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:130 Resp: 61077
Ion Ratio Lower Upper
130 100
95 104.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 53.247 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

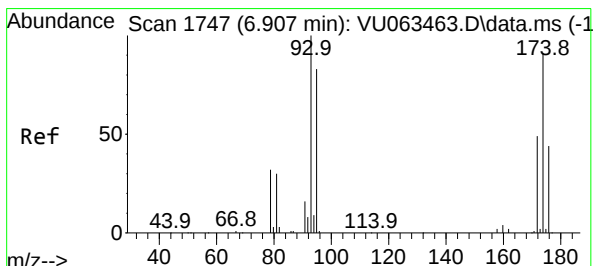
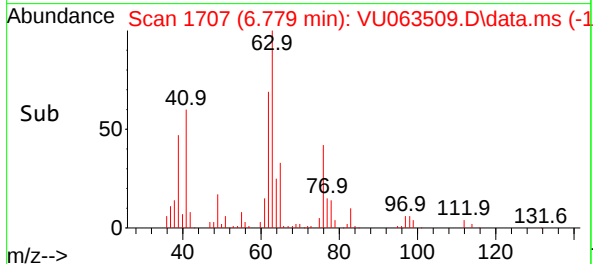
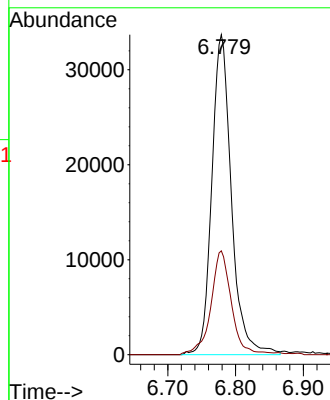
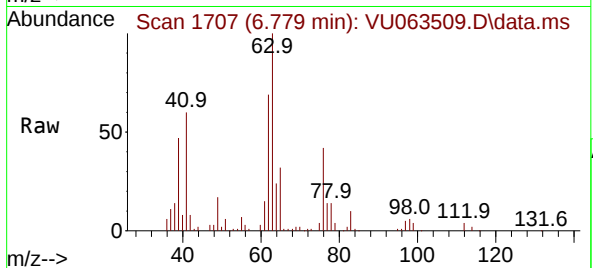
VSTDCCC050EC

Tgt Ion: 63 Resp: 67624

Ion Ratio Lower Upper

63 100

65 32.4 25.3 37.9



#46

Dibromomethane

Concen: 55.896 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

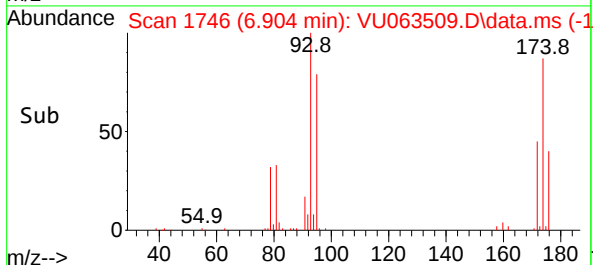
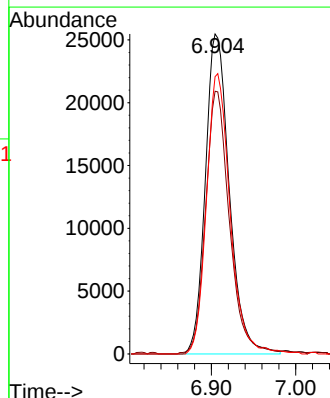
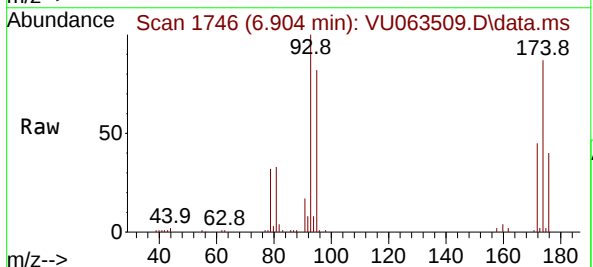
Tgt Ion: 93 Resp: 50508

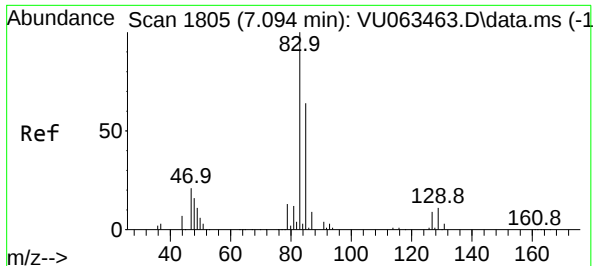
Ion Ratio Lower Upper

93 100

95 81.4 67.5 101.3

174 86.3 73.1 109.7

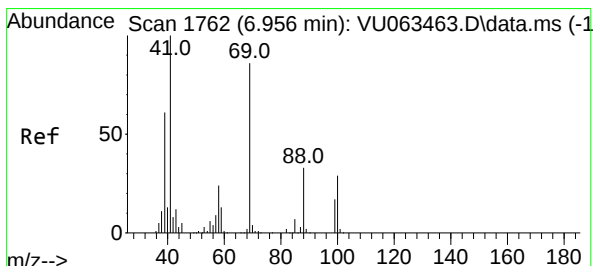
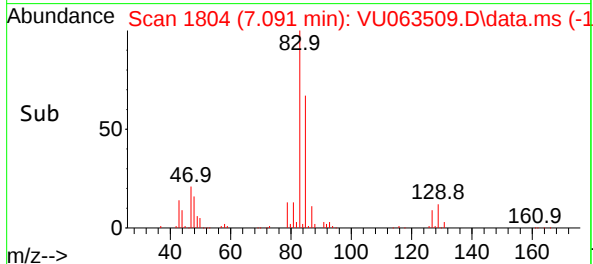
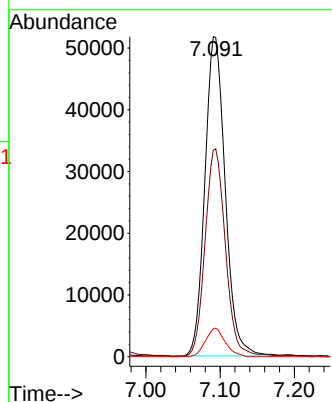
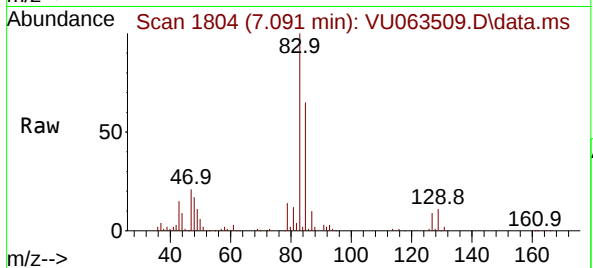




#47
Bromodichloromethane
Concen: 52.368 ug/l
RT: 7.091 min Scan# 1804
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

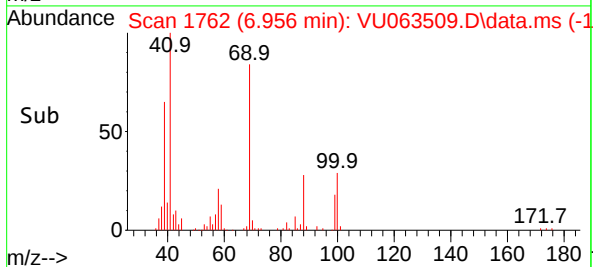
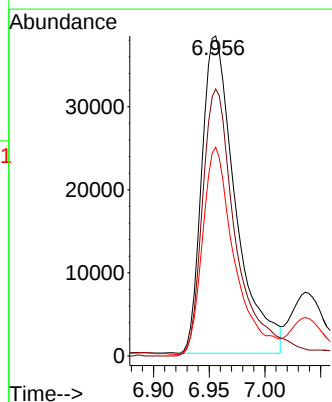
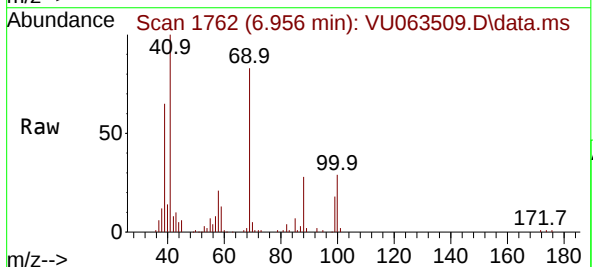
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

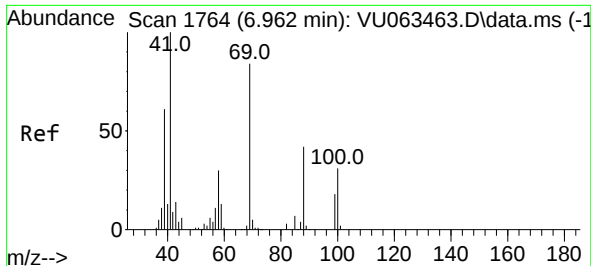
Tgt Ion: 83 Resp: 98395
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 55.218 ug/l
RT: 6.956 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 41 Resp: 80309
Ion Ratio Lower Upper
41 100
69 84.5 69.8 104.8
39 62.2 48.3 72.5





#49

1,4-Dioxane

Concen: 966.891 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

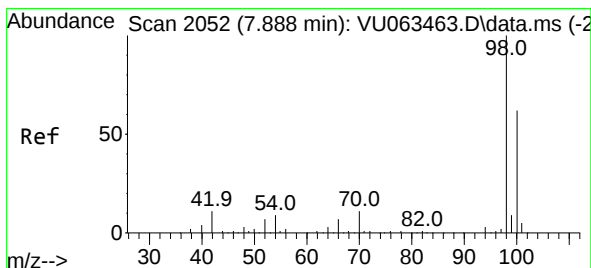
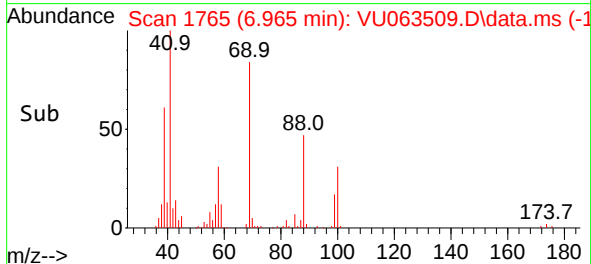
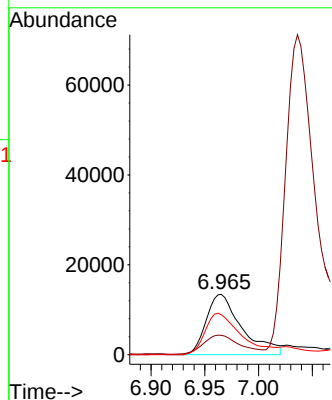
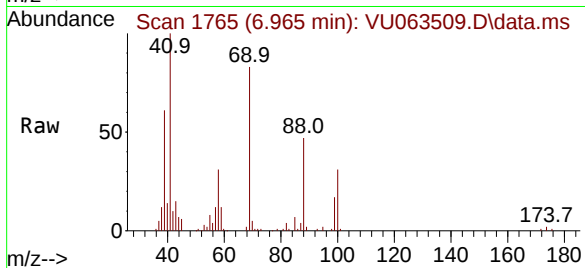
Tgt Ion: 88 Resp: 30858

Ion Ratio Lower Upper

88 100

43 32.2 25.6 38.4

58 69.7 55.0 82.6



#50

Toluene-d8

Concen: 48.751 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. 0.000 min

Lab File: VU063509.D

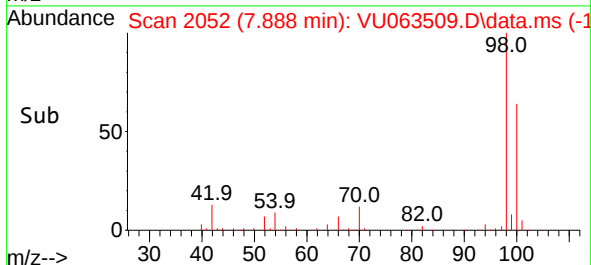
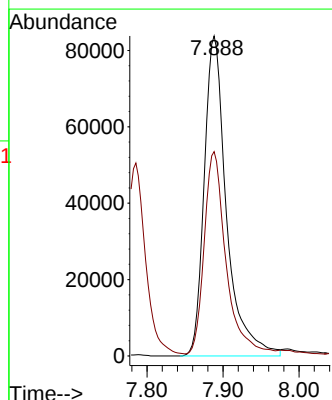
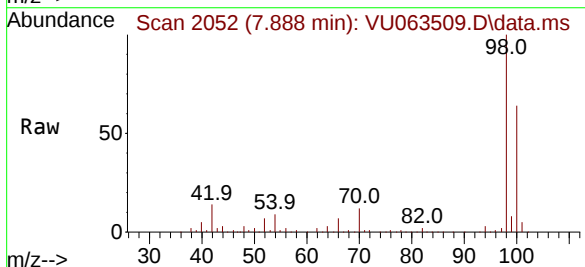
Acq: 14 Jul 2025 16:06

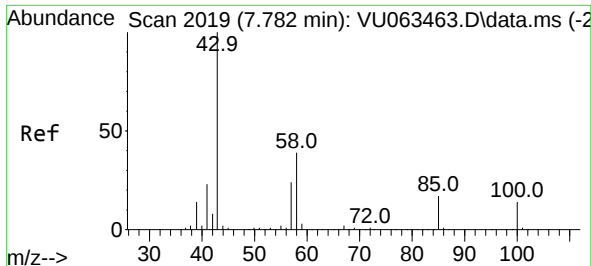
Tgt Ion: 98 Resp: 171081

Ion Ratio Lower Upper

98 100

100 61.2 48.1 72.1

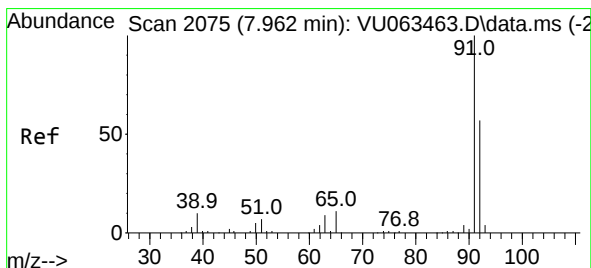
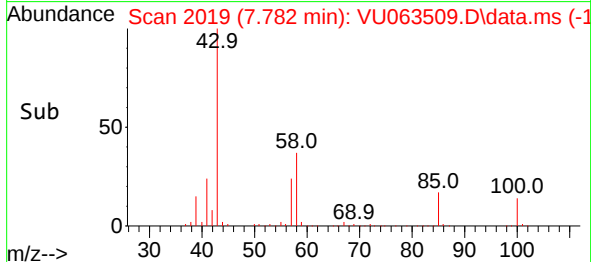
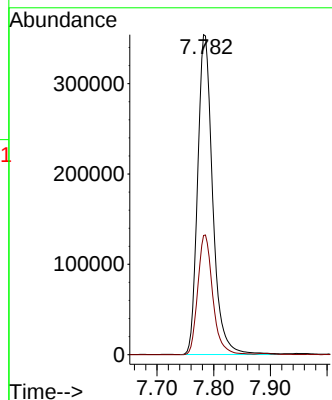
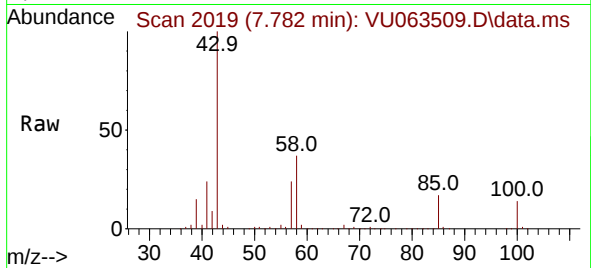




#51
4-Methyl-2-Pentanone
Concen: 286.027 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

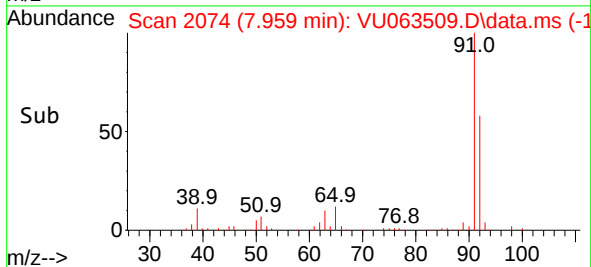
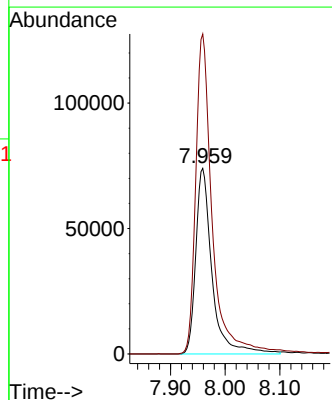
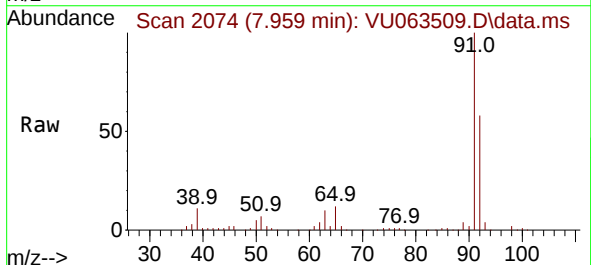
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

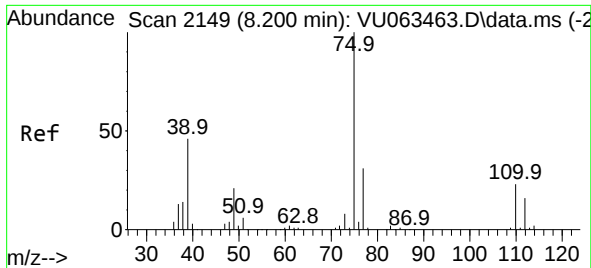
Tgt Ion: 43 Resp: 651446
Ion Ratio Lower Upper
43 100
58 37.4 31.0 46.4



#52
Toluene
Concen: 51.273 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 92 Resp: 153209
Ion Ratio Lower Upper
92 100
91 175.7 144.5 216.7

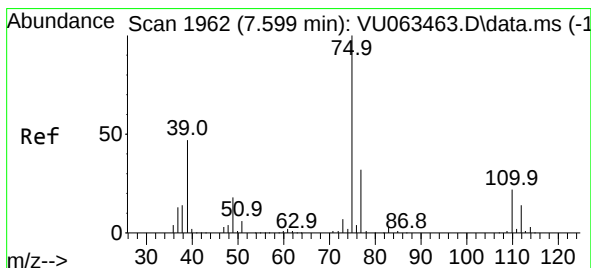
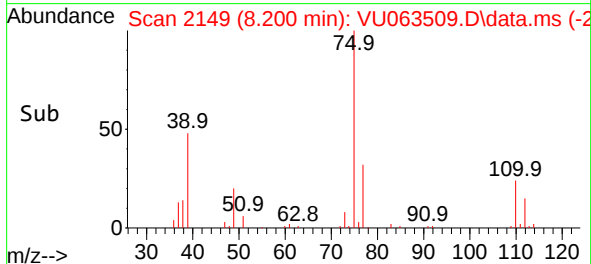
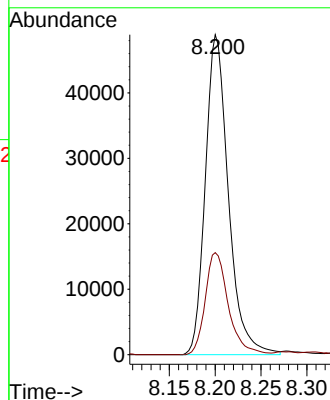
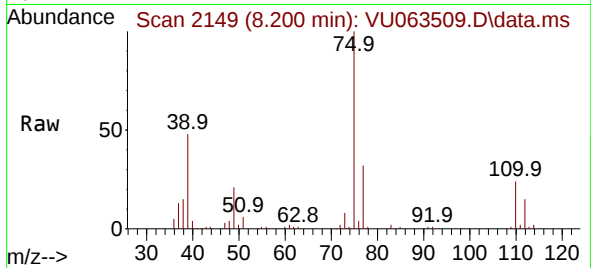




#53
 t-1,3-Dichloropropene
 Concen: 52.025 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

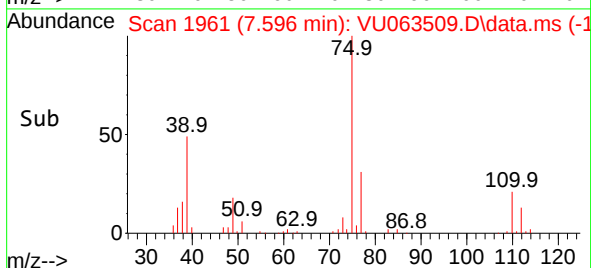
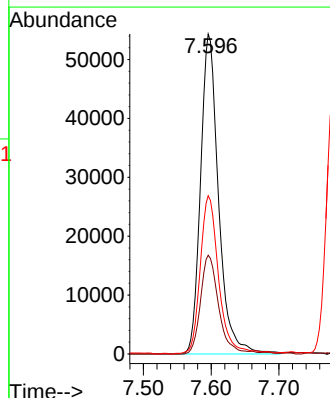
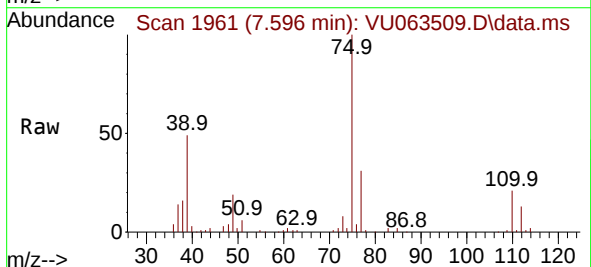
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

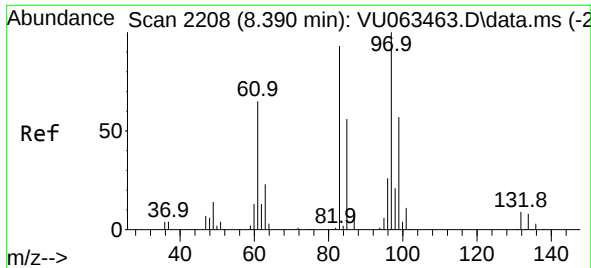
Tgt Ion: 75 Resp: 85539
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.374 ug/l
 RT: 7.596 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

Tgt Ion: 75 Resp: 100079
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 49.2 37.2 55.8

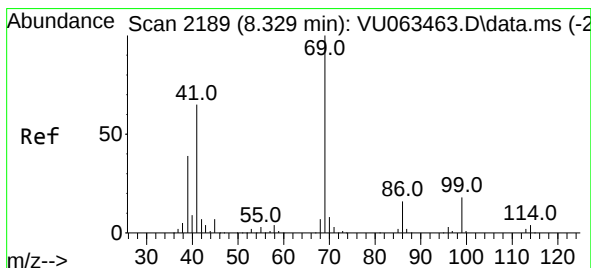
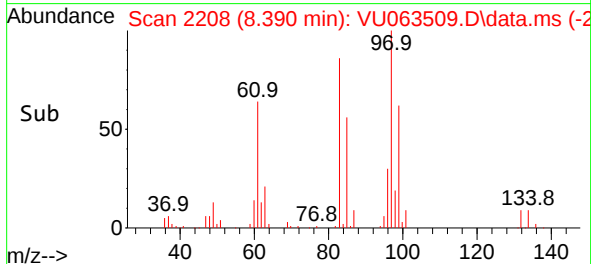
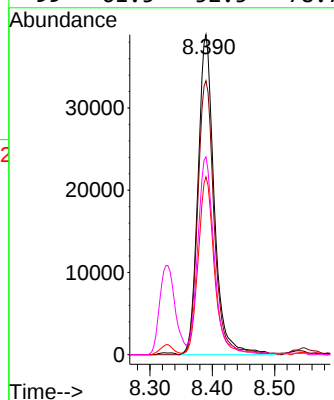
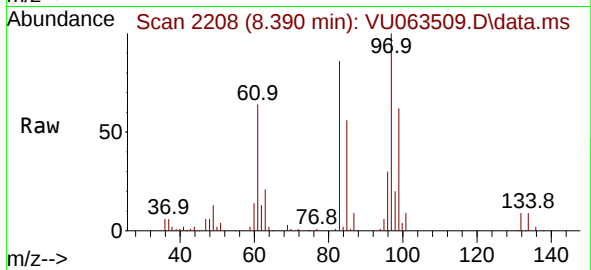




#55
1,1,2-Trichloroethane
Concen: 55.485 ug/l
RT: 8.390 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

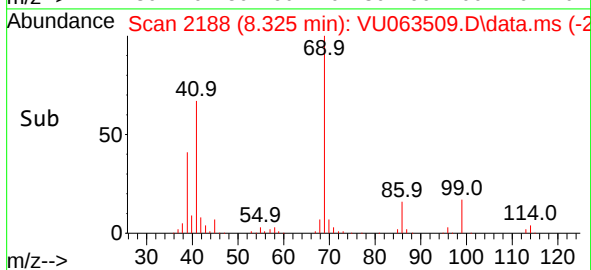
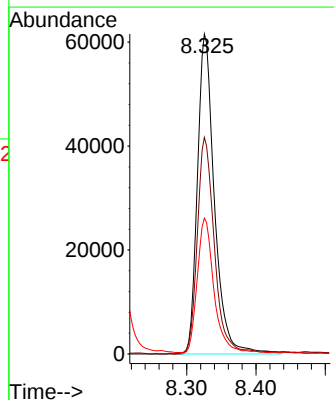
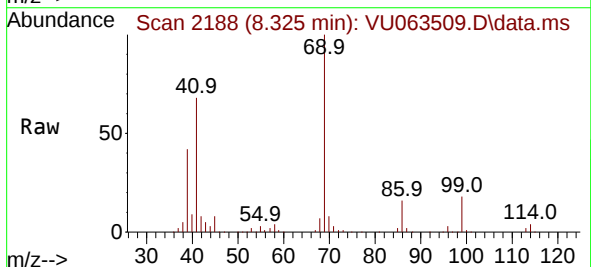
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

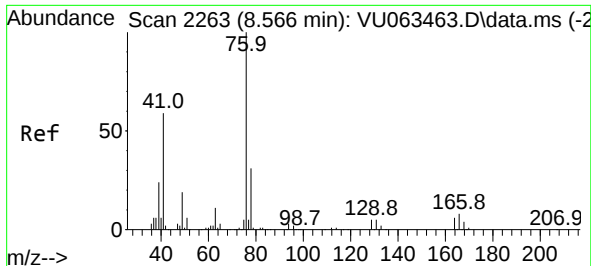
Tgt Ion:	97	Resp:	70411
Ion	Ratio	Lower	Upper
97	100		
83	85.6	74.2	111.4
85	55.3	45.8	68.8
99	61.5	52.5	78.7



#56
Ethyl methacrylate
Concen: 51.422 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:	69	Resp:	105264
Ion	Ratio	Lower	Upper
69	100		
41	68.1	53.0	79.6
39	40.8	31.0	46.4





#57

1,3-Dichloropropane

Concen: 54.099 ug/l

RT: 8.563 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

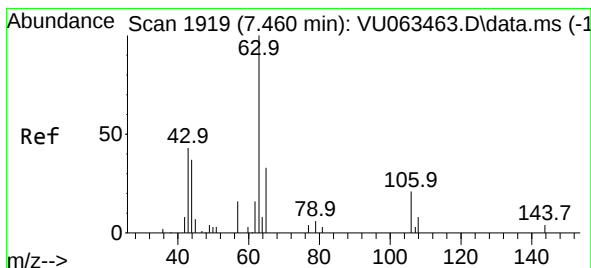
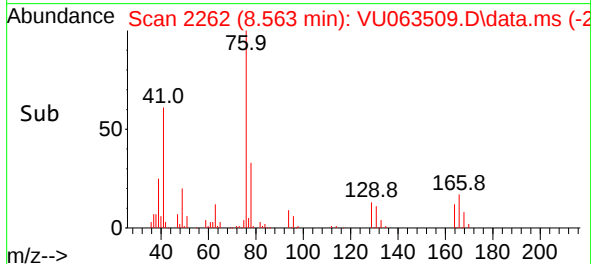
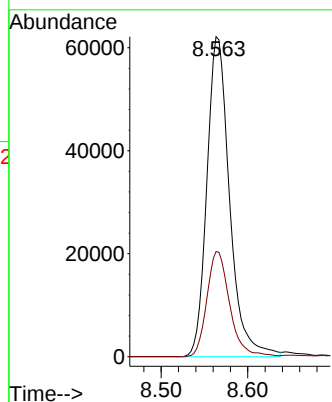
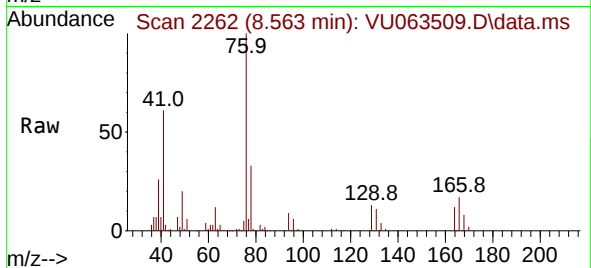
VSTDCCC050EC

Tgt Ion: 76 Resp: 113164

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 432.430 ug/l

RT: 7.461 min Scan# 1919

Delta R.T. 0.001 min

Lab File: VU063509.D

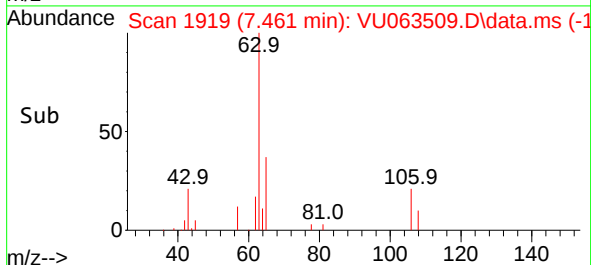
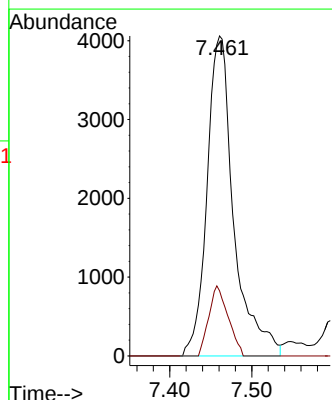
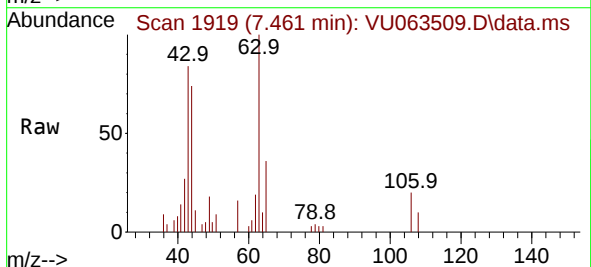
Acq: 14 Jul 2025 16:06

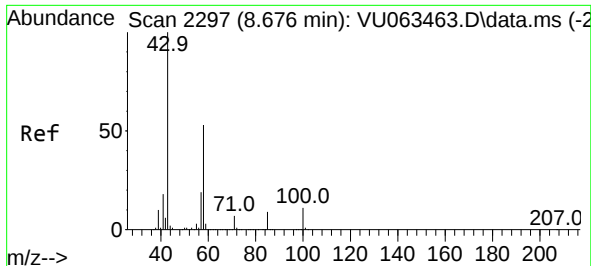
Tgt Ion: 63 Resp: 9192

Ion Ratio Lower Upper

63 100

106 15.8 11.5 17.3

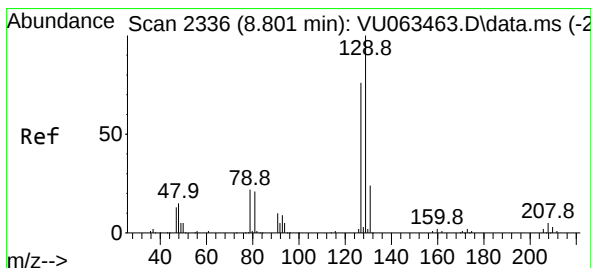
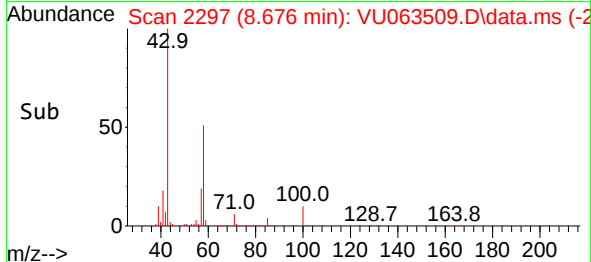
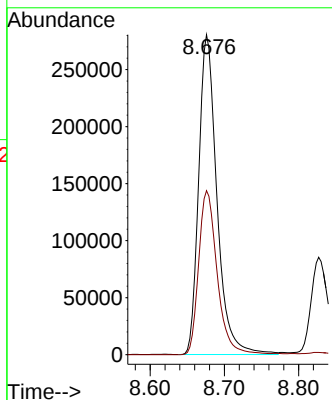
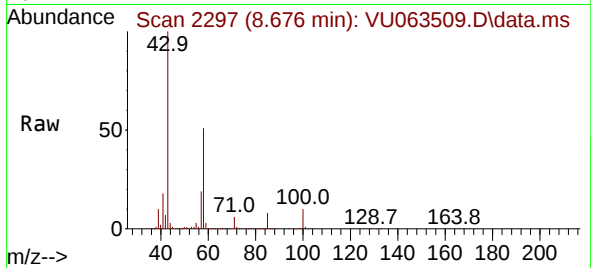




#59
2-Hexanone
Concen: 278.000 ug/l
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

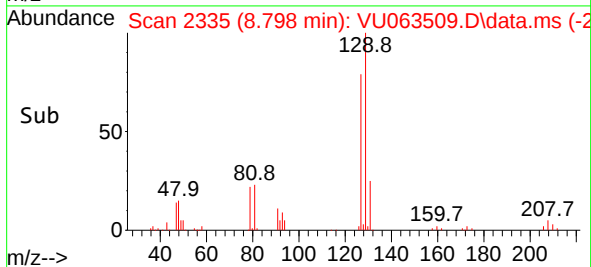
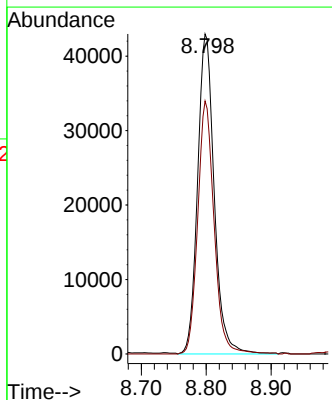
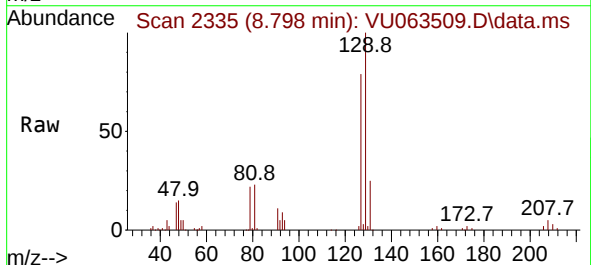
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

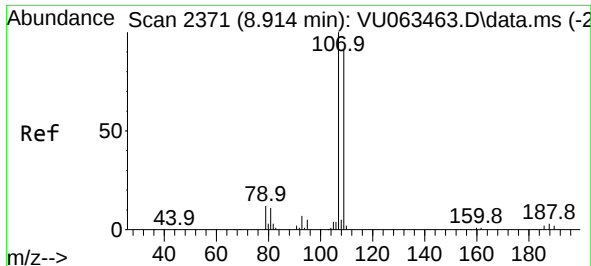
Tgt Ion: 43 Resp: 478901
Ion Ratio Lower Upper
43 100
58 52.1 26.9 80.7



#60
Dibromochloromethane
Concen: 53.919 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 129 Resp: 76651
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

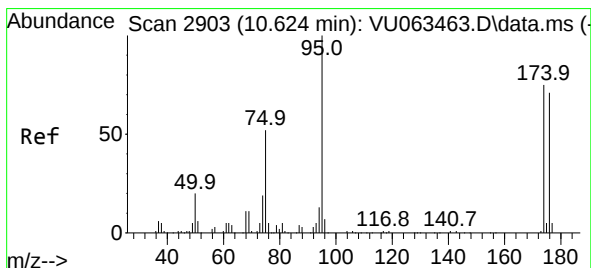
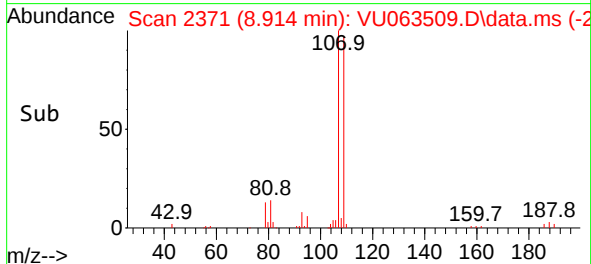
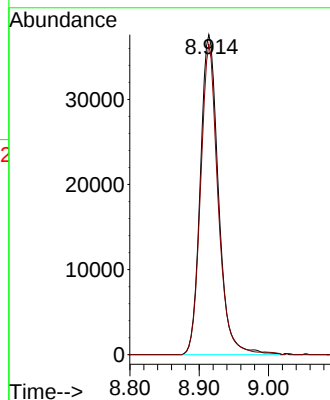
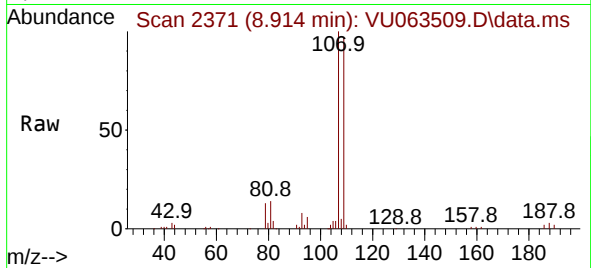




#61
1,2-Dibromoethane
Concen: 54.867 ug/l
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

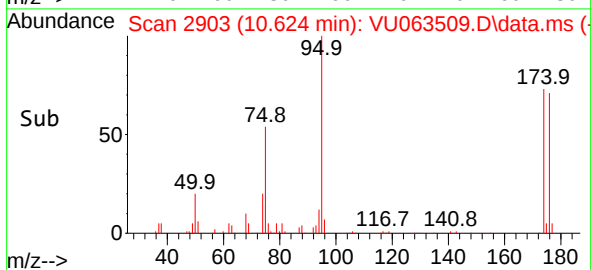
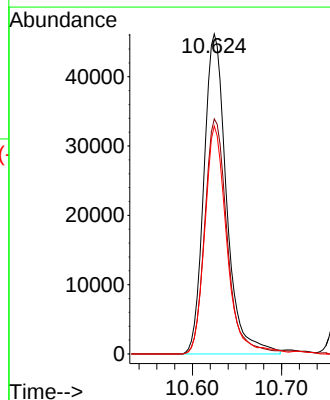
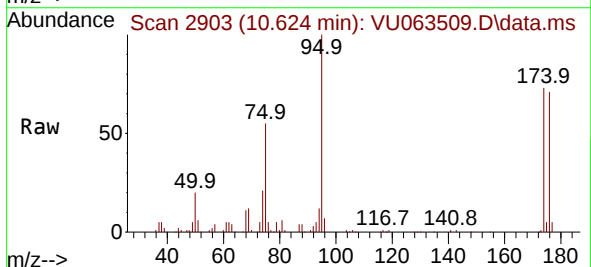
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

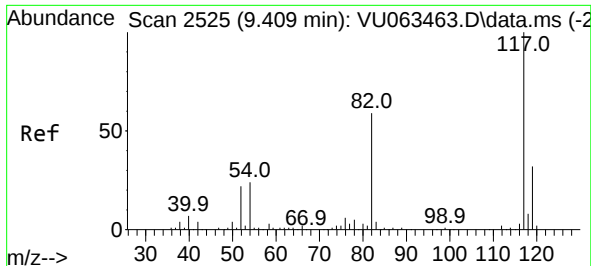
Tgt Ion:107 Resp: 68337
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 53.093 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 95 Resp: 81497
Ion Ratio Lower Upper
95 100
174 73.1 0.0 153.6
176 69.4 0.0 145.8

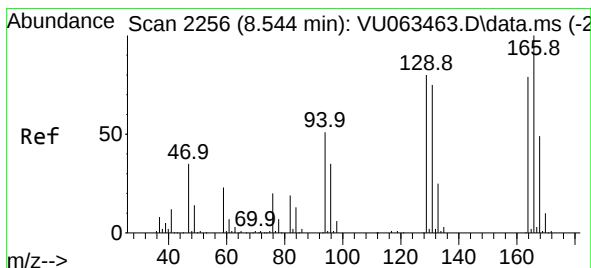
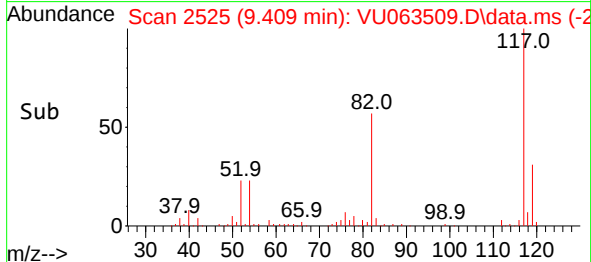
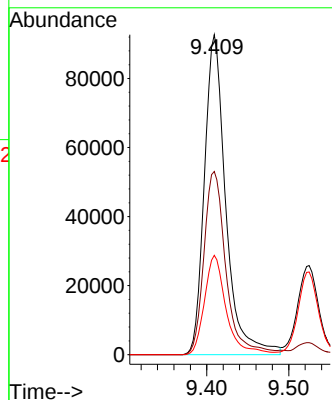
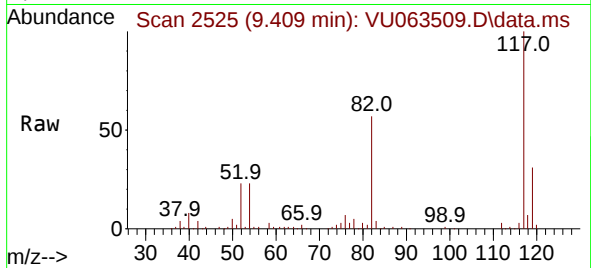




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

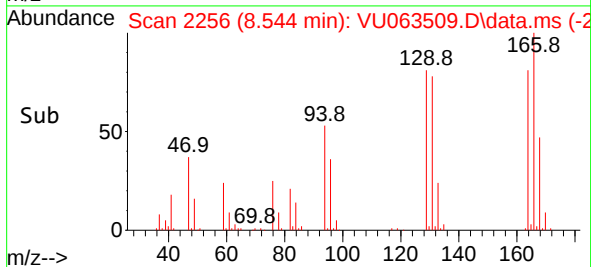
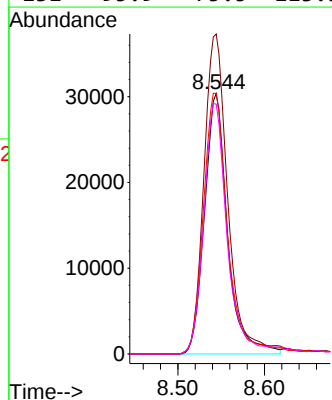
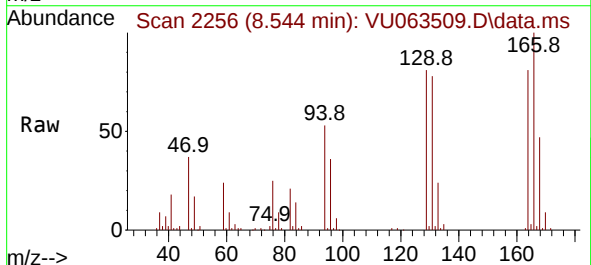
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

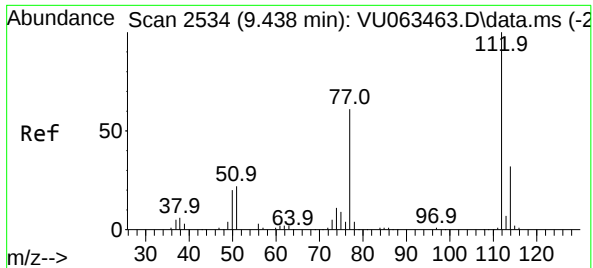
Tgt Ion:117 Resp: 168356
Ion Ratio Lower Upper
117 100
82 57.3 47.1 70.7
119 31.0 25.4 38.0



#64
Tetrachloroethene
Concen: 44.545 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:164 Resp: 55828
Ion Ratio Lower Upper
164 100
166 122.9 100.9 151.3
129 100.1 80.9 121.3
131 95.9 75.5 113.3

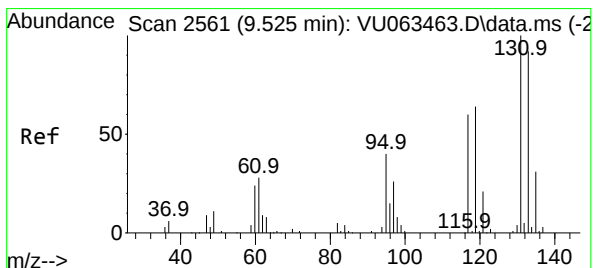
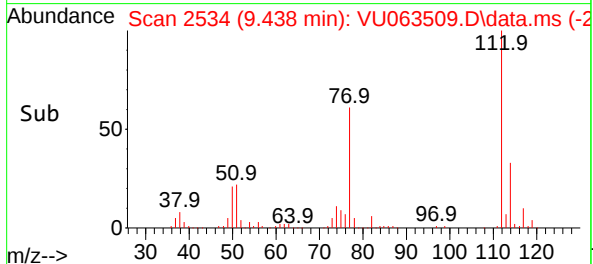
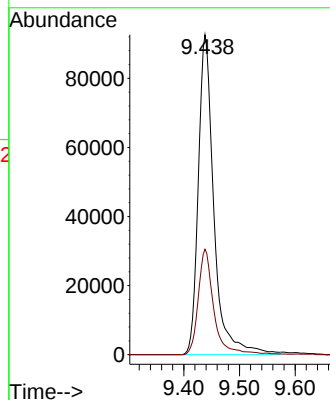
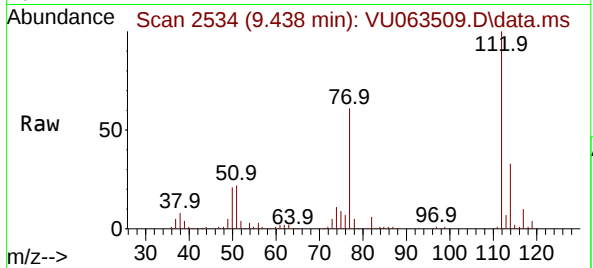




#65
Chlorobenzene
Concen: 51.526 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

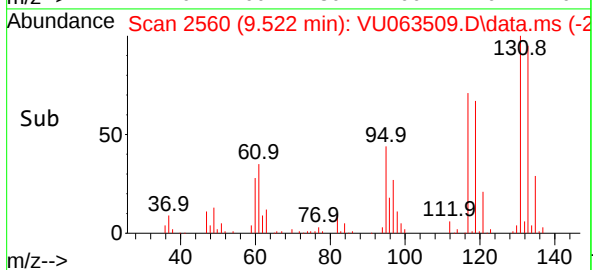
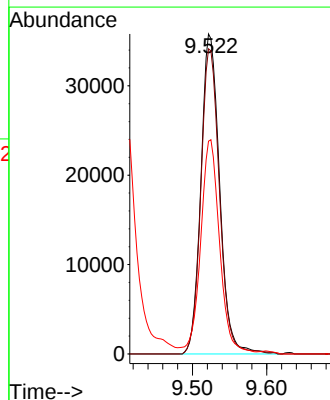
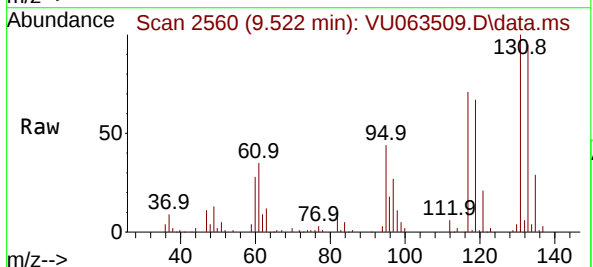
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

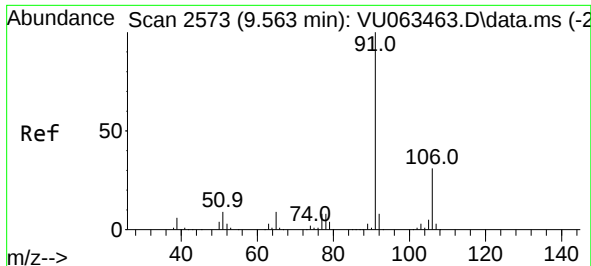
Tgt Ion:112 Resp: 180479
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.176 ug/l
RT: 9.522 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:131 Resp: 62676
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.2
119 66.2 33.3 99.9





#67

Ethyl Benzene

Concen: 49.941 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

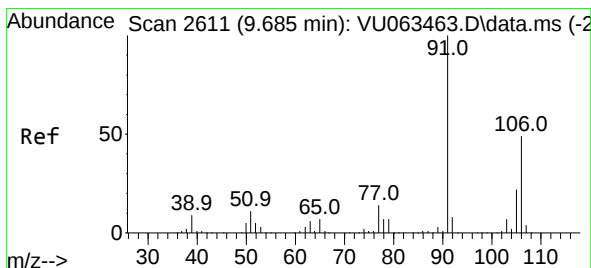
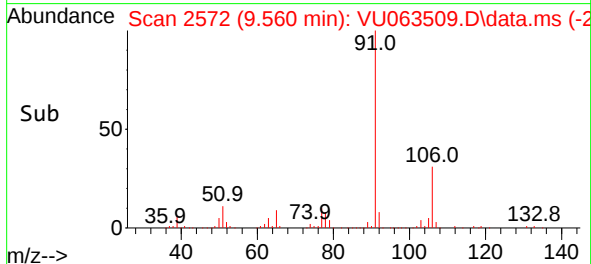
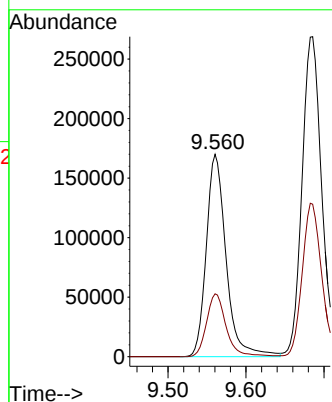
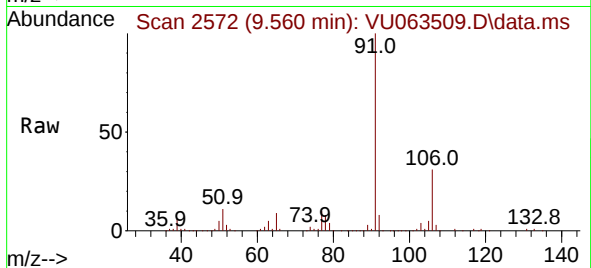
VSTDCCC050EC

Tgt Ion: 91 Resp: 300640

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 99.616 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063509.D

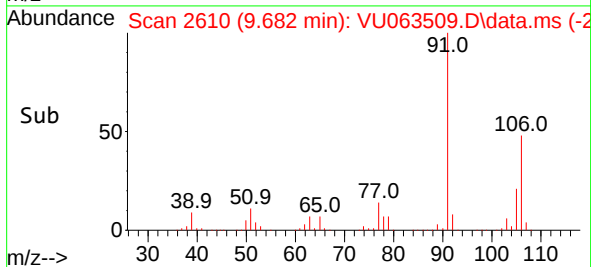
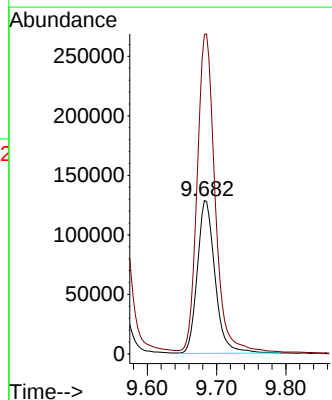
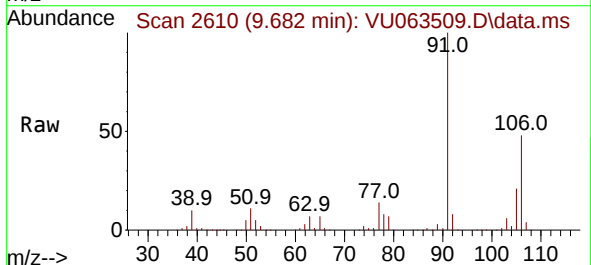
Acq: 14 Jul 2025 16:06

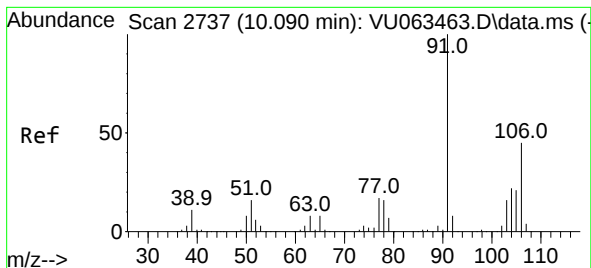
Tgt Ion:106 Resp: 228867

Ion Ratio Lower Upper

106 100

91 210.8 163.6 245.4





#69

o-Xylene

Concen: 49.694 ug/l

RT: 10.091 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

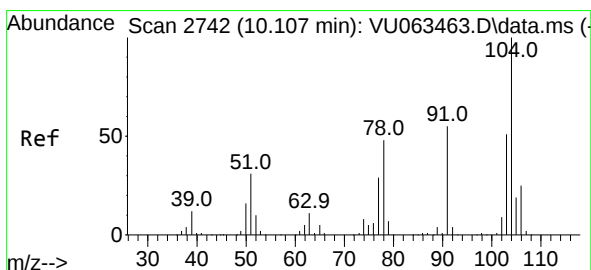
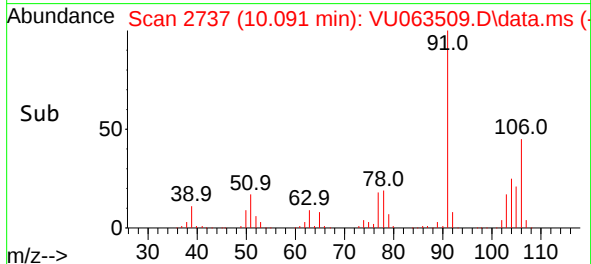
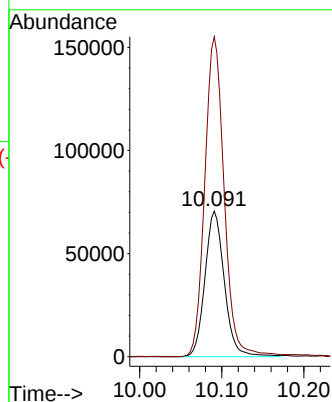
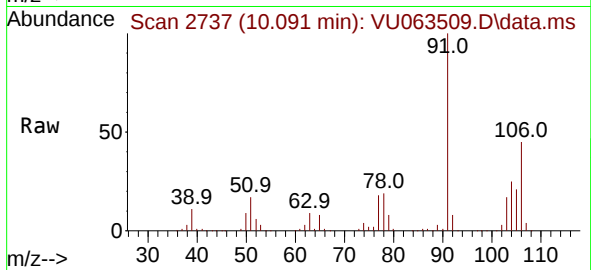
VSTDCCC050EC

Tgt Ion:106 Resp: 116077

Ion Ratio Lower Upper

106 100

91 219.6 110.7 331.9



#70

Styrene

Concen: 52.500 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

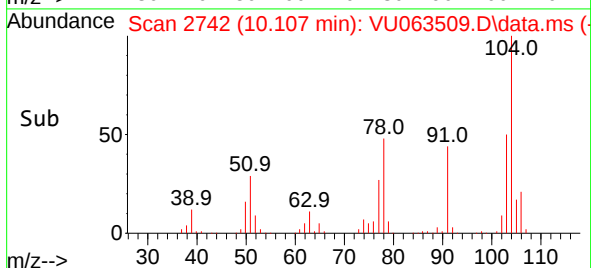
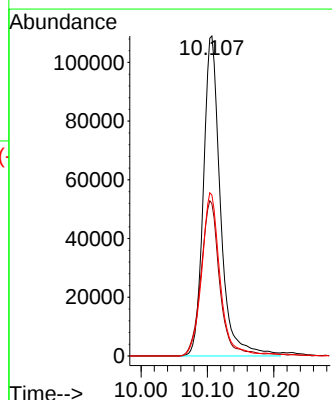
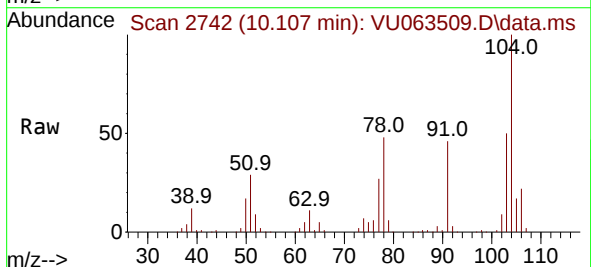
Tgt Ion:104 Resp: 194986

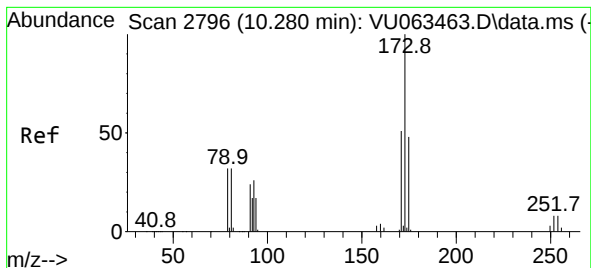
Ion Ratio Lower Upper

104 100

78 52.9 41.4 62.0

103 54.4 44.3 66.5





#71

Bromoform

Concen: 48.734 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

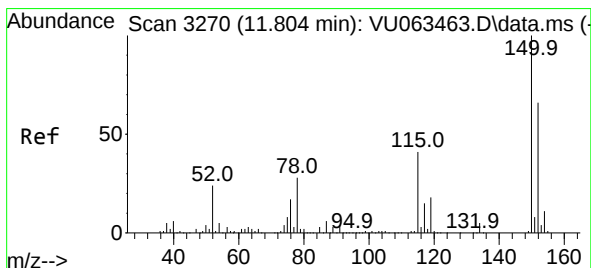
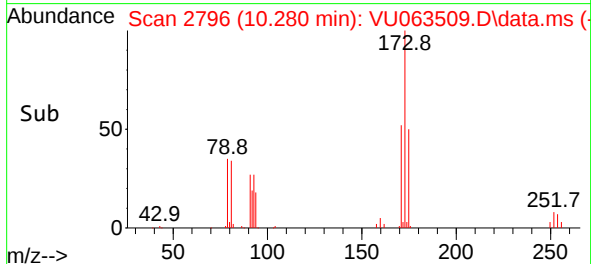
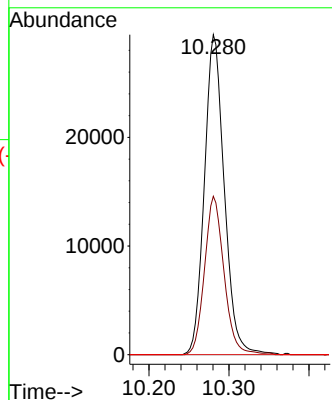
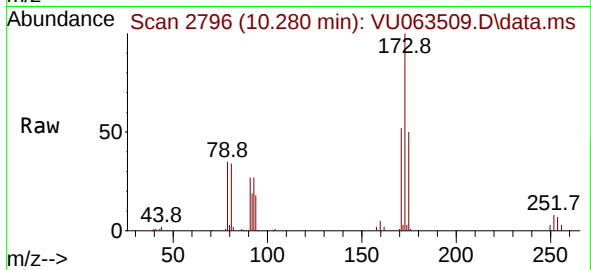
Tgt Ion:173 Resp: 51026

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

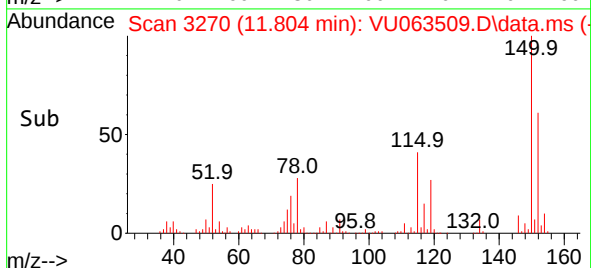
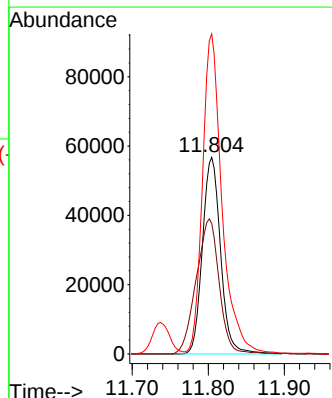
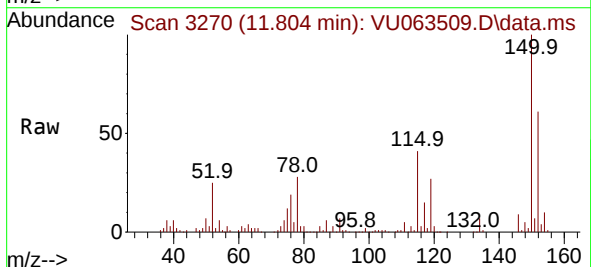
Tgt Ion:152 Resp: 94000

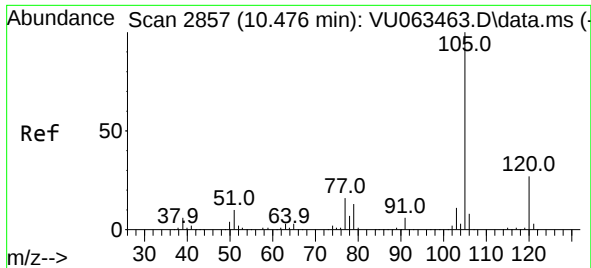
Ion Ratio Lower Upper

152 100

115 86.2 43.4 130.2

150 174.8 0.0 341.4

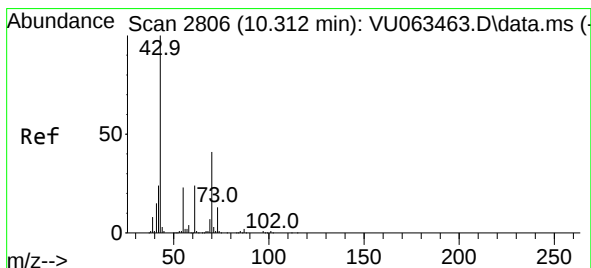
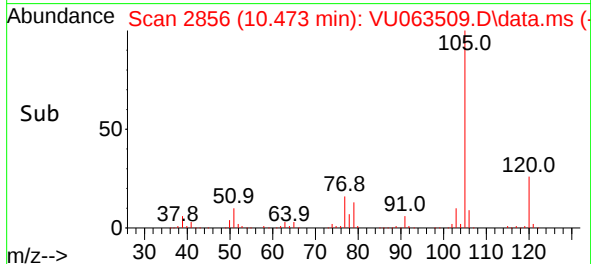
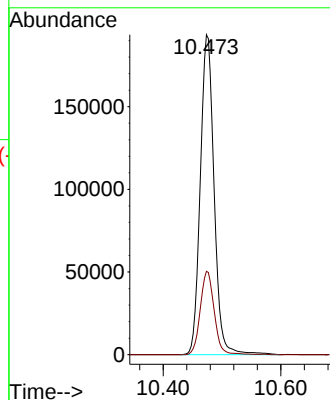
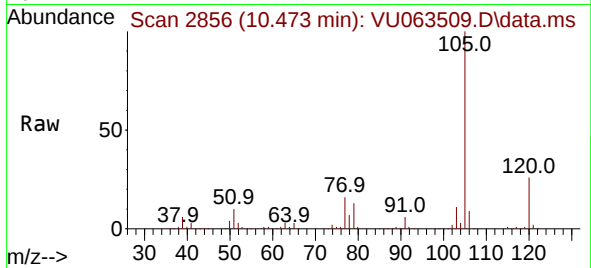




#73
Isopropylbenzene
Concen: 49.291 ug/l
RT: 10.473 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

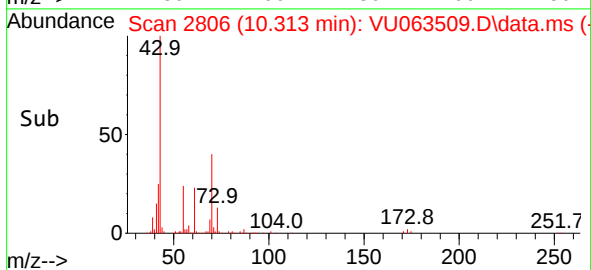
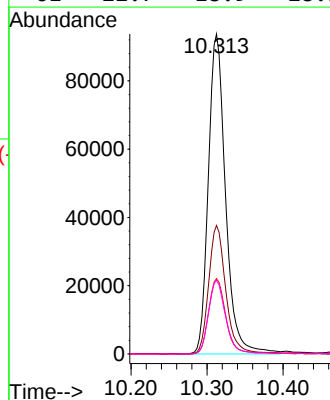
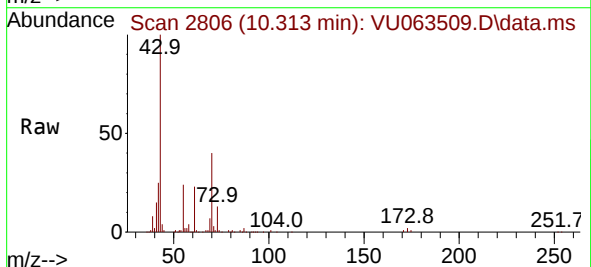
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

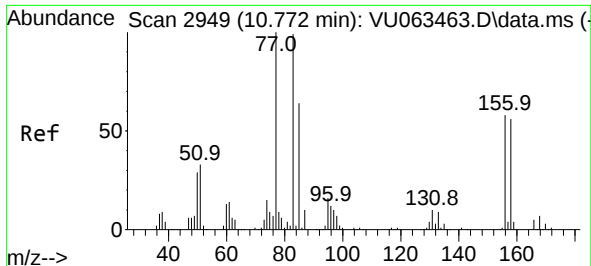
Tgt Ion:105 Resp: 315266
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 51.444 ug/l
RT: 10.313 min Scan# 2806
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 43 Resp: 147558
Ion Ratio Lower Upper
43 100
70 40.2 32.6 48.8
55 23.8 18.6 27.8
61 22.7 18.9 28.3

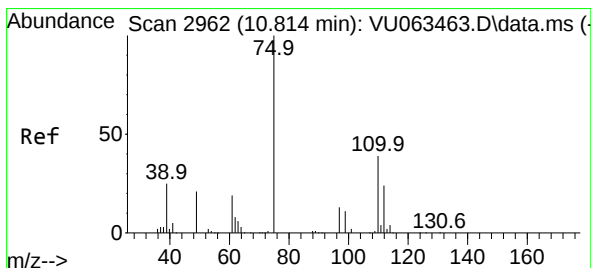
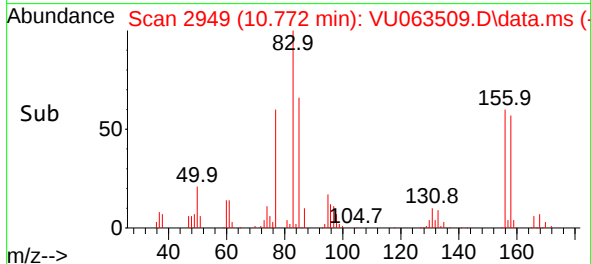
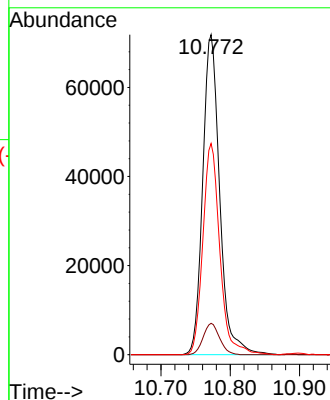
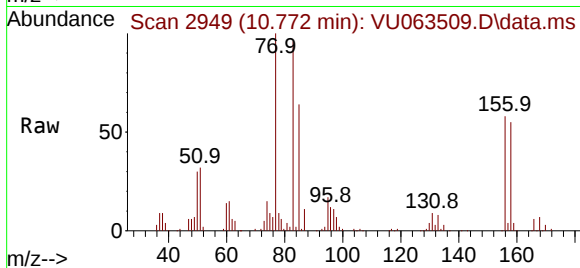




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.898 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. 0.000 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

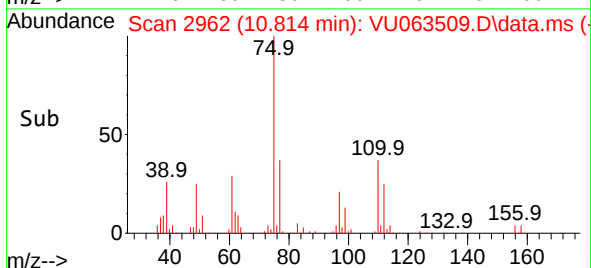
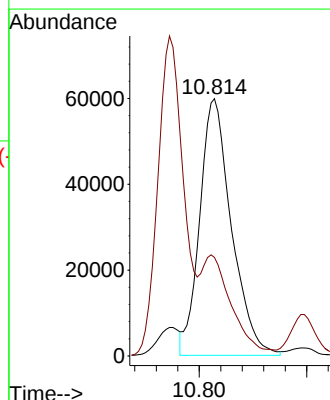
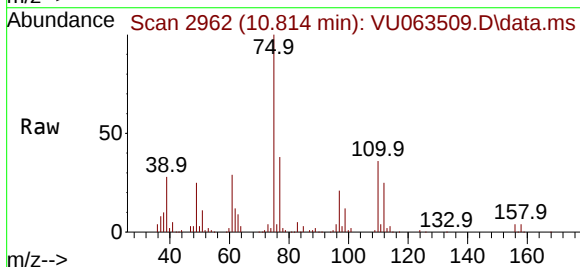
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

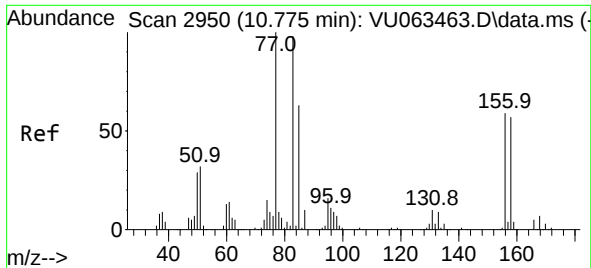
Tgt Ion: 83 Resp: 122185
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 65.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 49.138 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. 0.000 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

Tgt Ion: 75 Resp: 122394
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

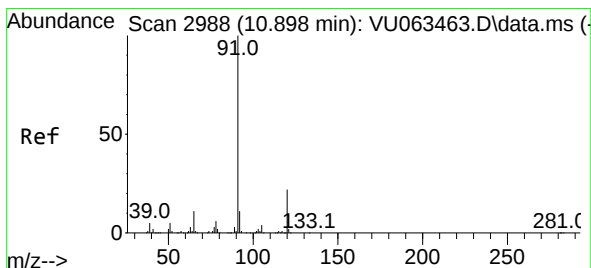
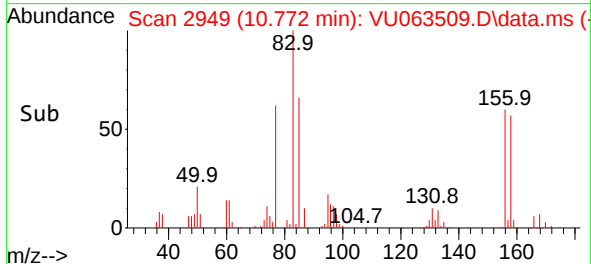
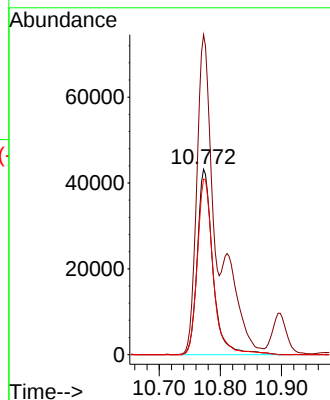
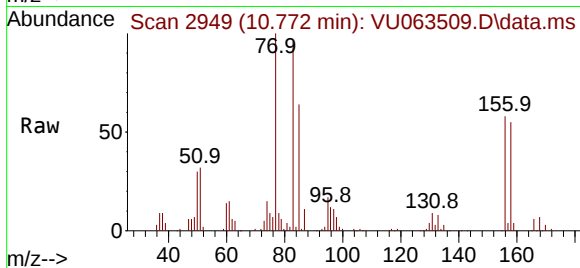




#77
Bromobenzene
Concen: 48.677 ug/l
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

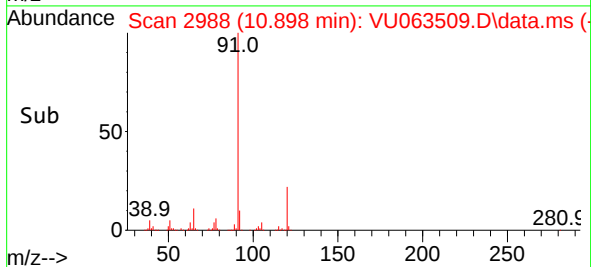
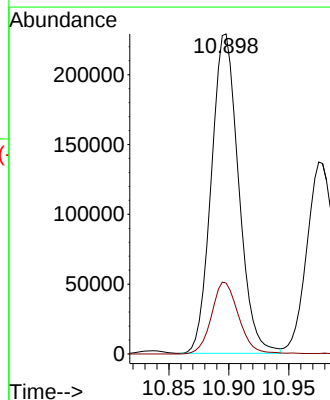
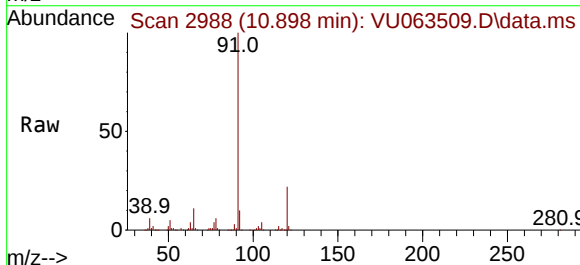
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

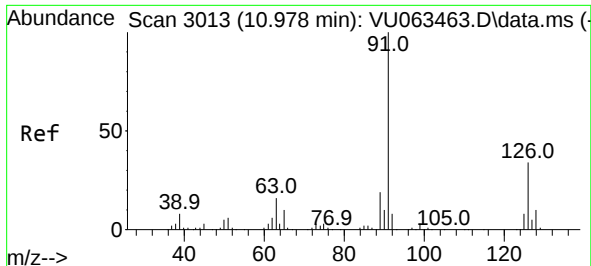
Tgt Ion:156 Resp: 76317
Ion Ratio Lower Upper
156 100
77 164.0 78.2 234.6
158 97.0 46.8 140.4



#78
n-propylbenzene
Concen: 48.842 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 91 Resp: 362296
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 10.975 min Scan# 3012

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

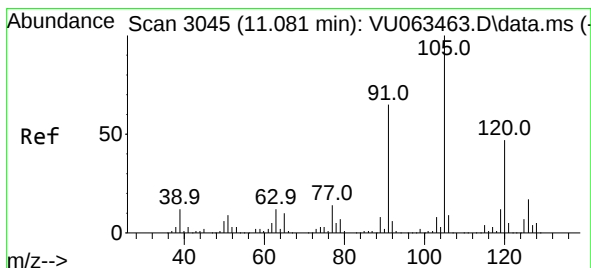
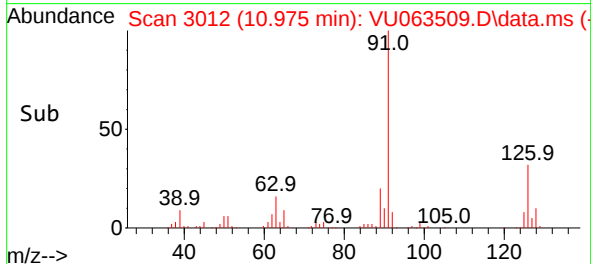
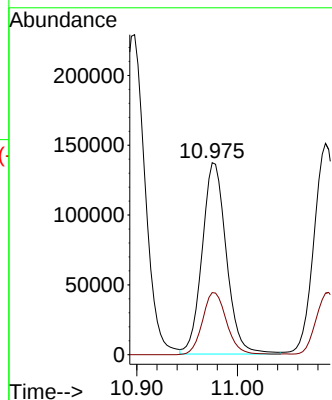
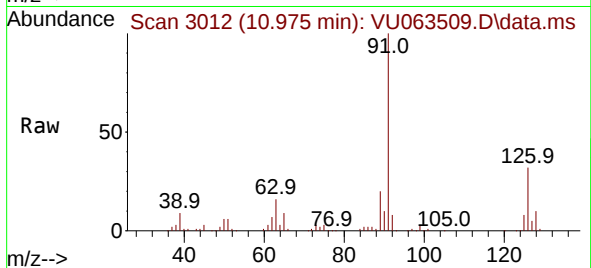
VSTDCCC050EC

Tgt Ion: 91 Resp: 229584

Ion Ratio Lower Upper

91 100

126 32.4 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 48.179 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063509.D

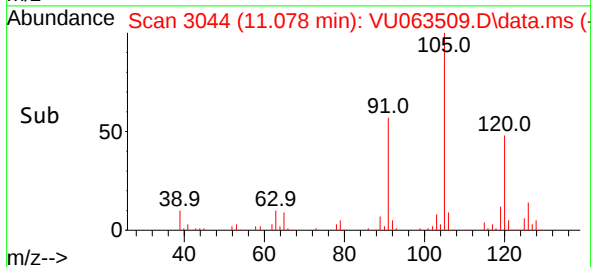
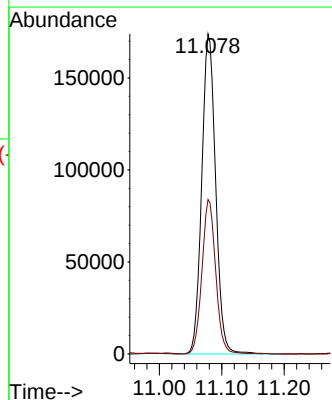
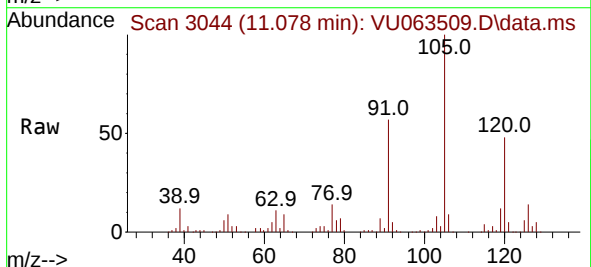
Acq: 14 Jul 2025 16:06

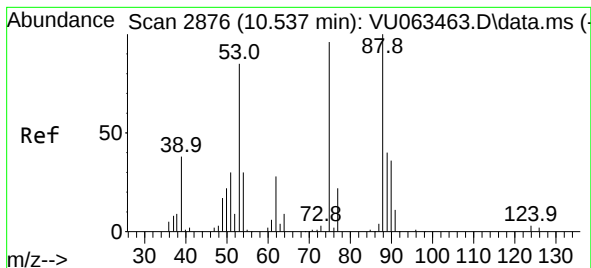
Tgt Ion:105 Resp: 269532

Ion Ratio Lower Upper

105 100

120 47.8 23.4 70.2

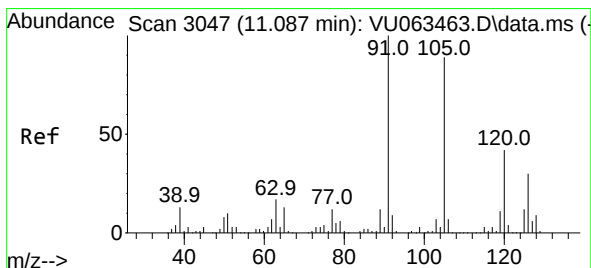
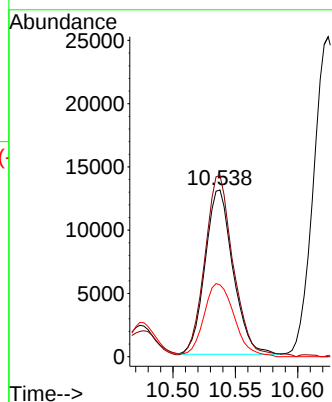
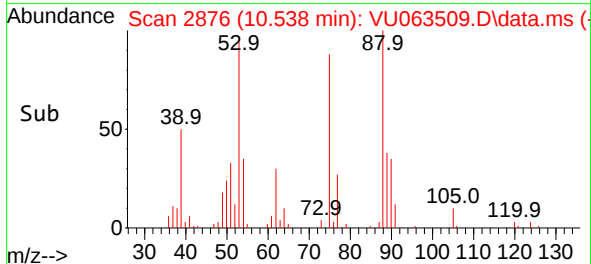
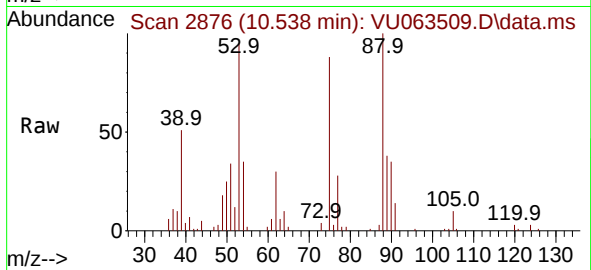




#81
trans-1,4-Dichloro-2-butene
Concen: 40.577 ug/l
RT: 10.538 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

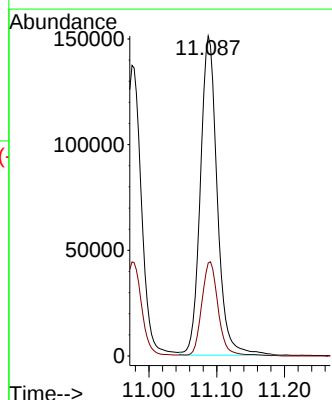
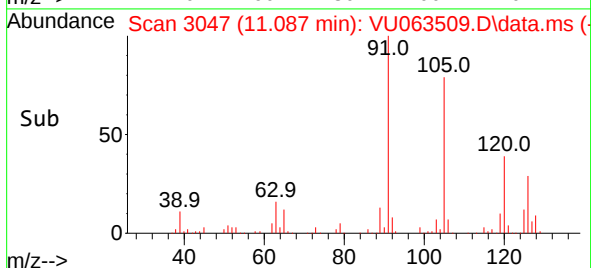
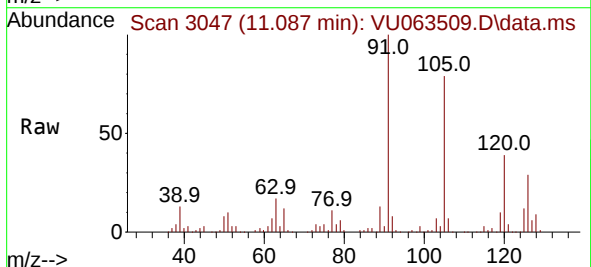
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

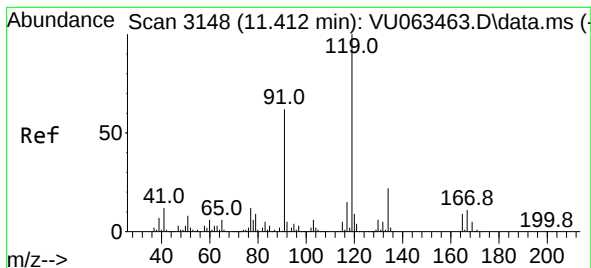
Tgt Ion: 75 Resp: 20265
Ion Ratio Lower Upper
75 100
53 113.2 74.6 111.8#
89 48.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.446 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 91 Resp: 261147
Ion Ratio Lower Upper
91 100
126 27.6 14.4 43.2





#83

tert-Butylbenzene

Concen: 49.865 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. -0.003 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

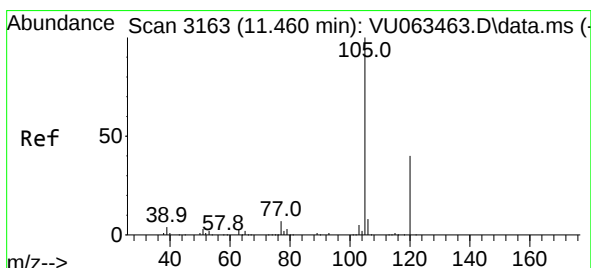
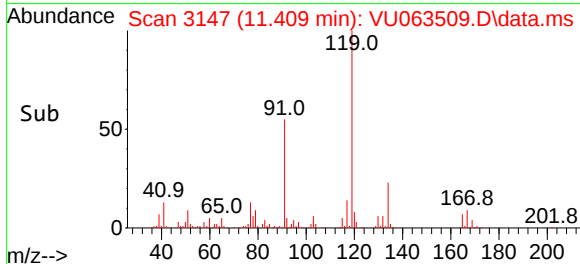
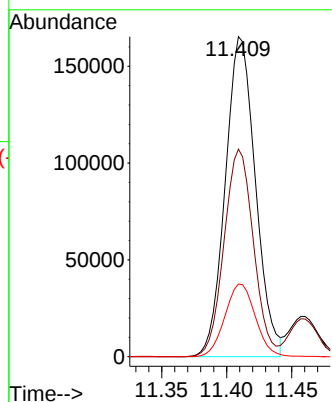
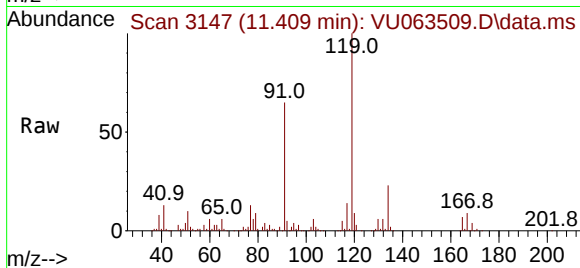
Tgt Ion:119 Resp: 267527

Ion Ratio Lower Upper

119 100

91 62.9 30.3 91.0

134 23.0 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 48.715 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063509.D

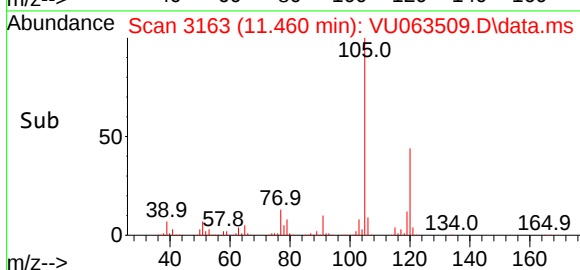
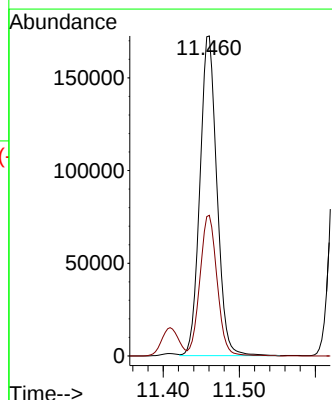
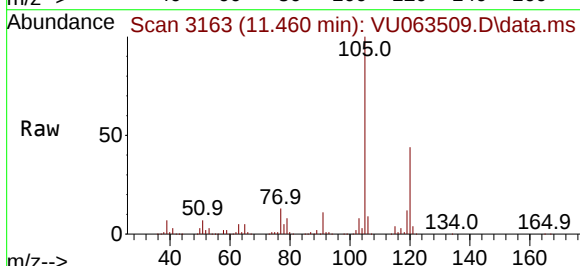
Acq: 14 Jul 2025 16:06

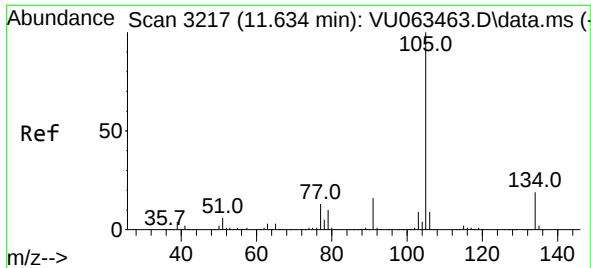
Tgt Ion:105 Resp: 267618

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.3

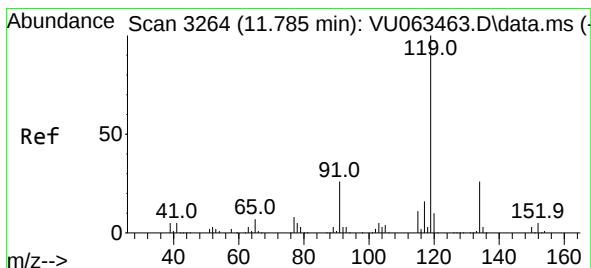
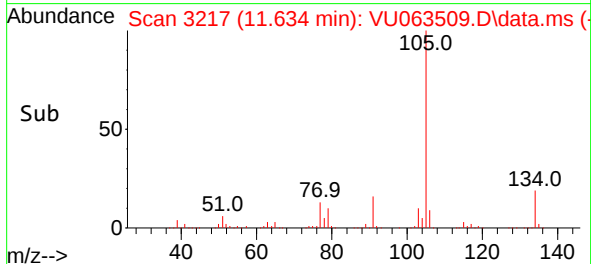
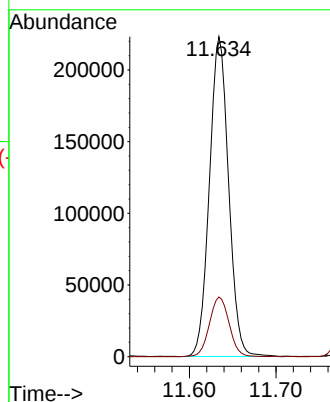
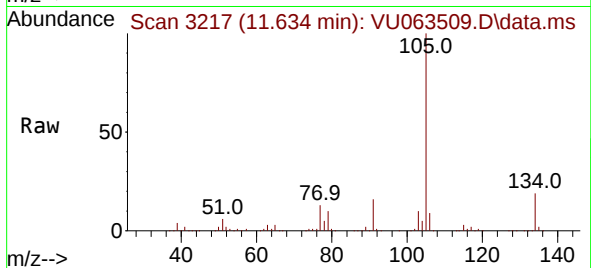




#85
 sec-Butylbenzene
 Concen: 48.461 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

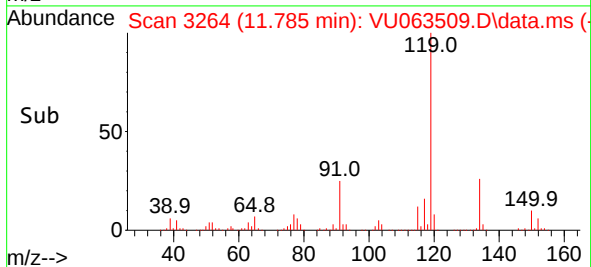
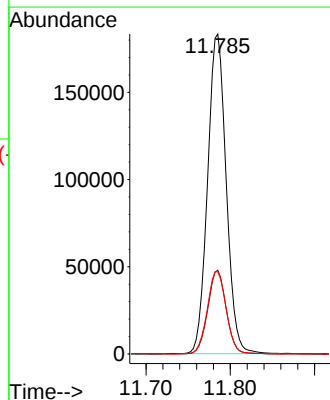
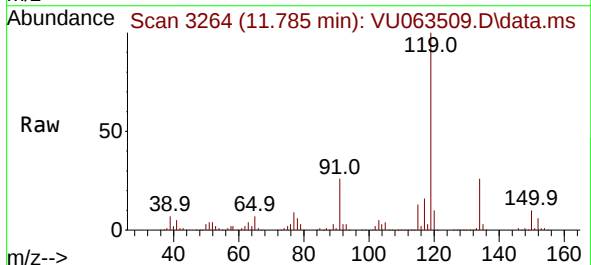
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

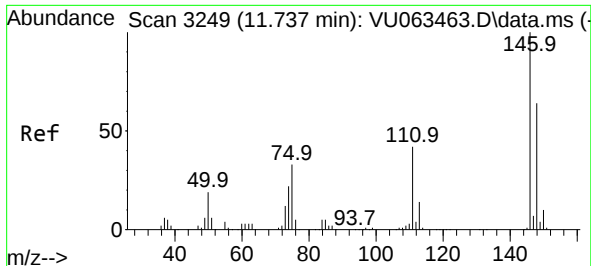
Tgt Ion:105 Resp: 343070
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.972 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU063509.D
 Acq: 14 Jul 2025 16:06

Tgt Ion:119 Resp: 281259
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 26.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 48.925 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

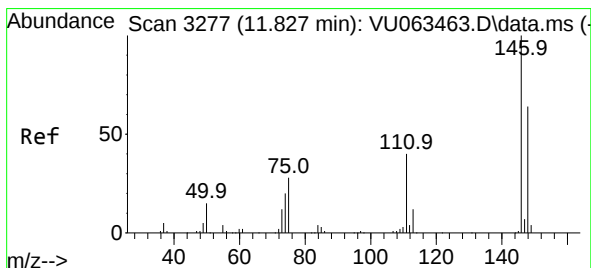
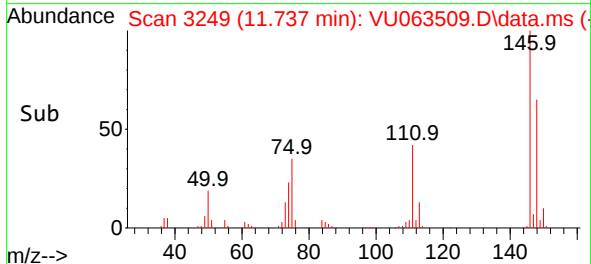
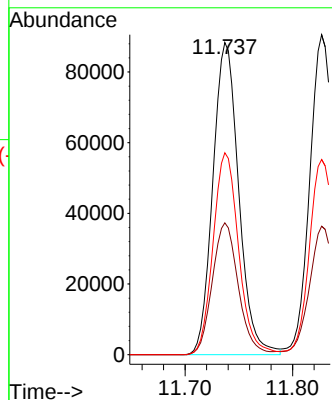
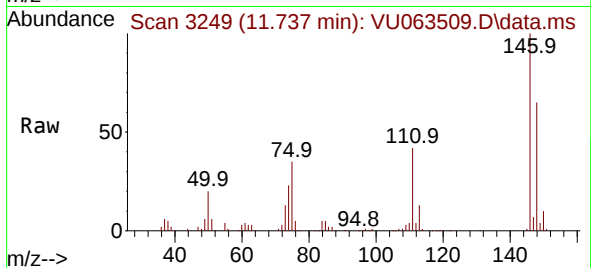
Tgt Ion:146 Resp: 147814

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.7

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.613 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

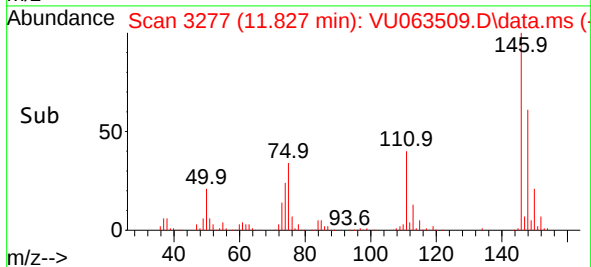
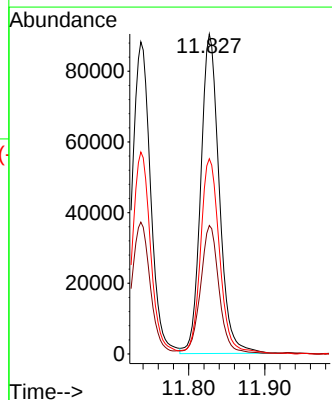
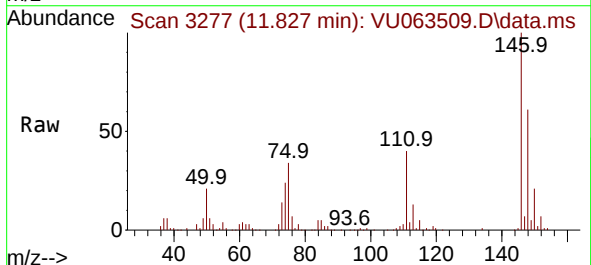
Tgt Ion:146 Resp: 152821

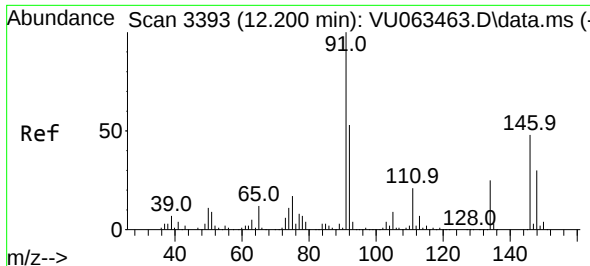
Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.4

148 62.5 31.9 95.9





#89

n-Butylbenzene

Concen: 48.148 ug/l

RT: 12.200 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

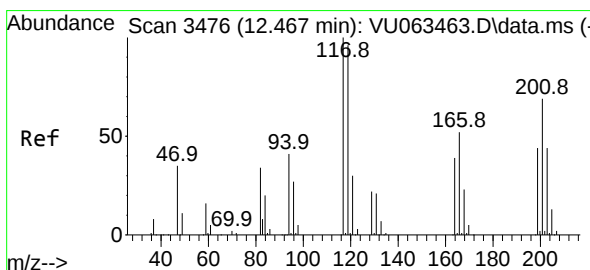
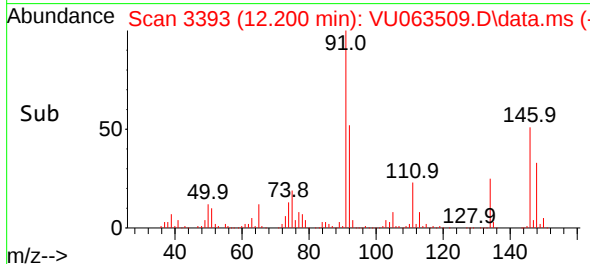
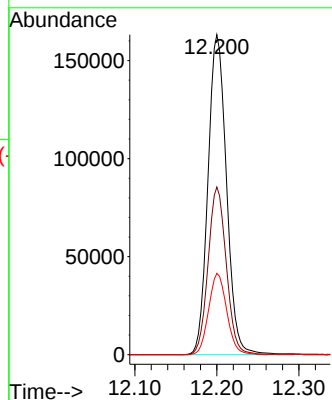
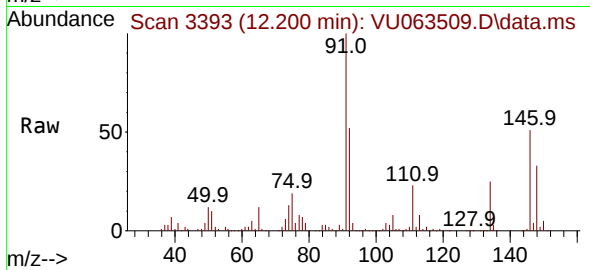
Tgt Ion: 91 Resp: 255939

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

134 24.9 12.4 37.0



#90

Hexachloroethane

Concen: 46.538 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VU063509.D

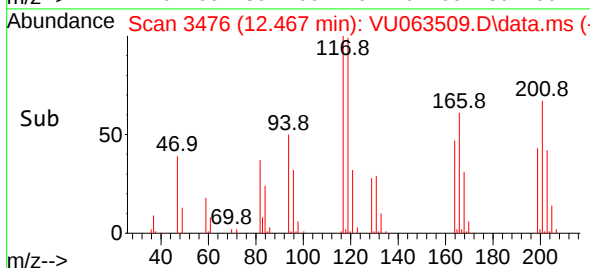
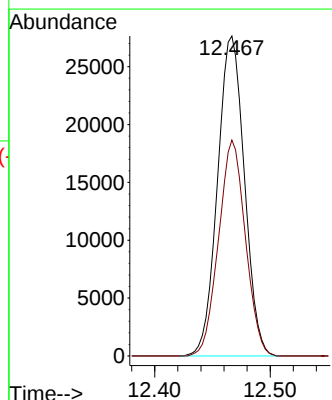
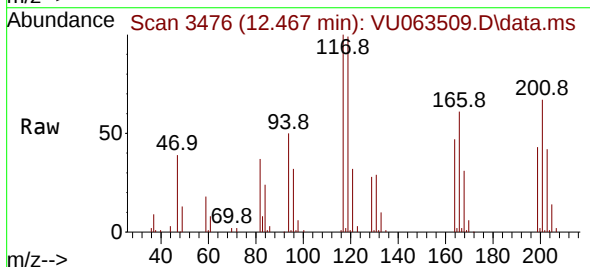
Acq: 14 Jul 2025 16:06

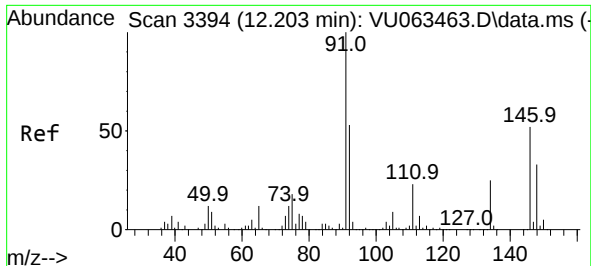
Tgt Ion: 117 Resp: 44703

Ion Ratio Lower Upper

117 100

201 67.3 34.4 103.2

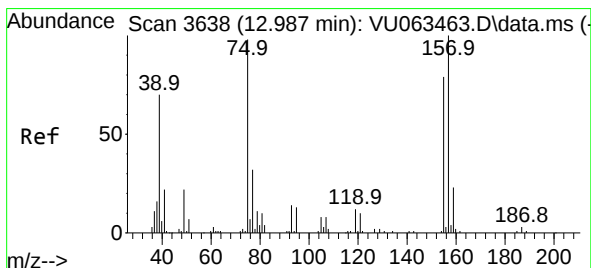
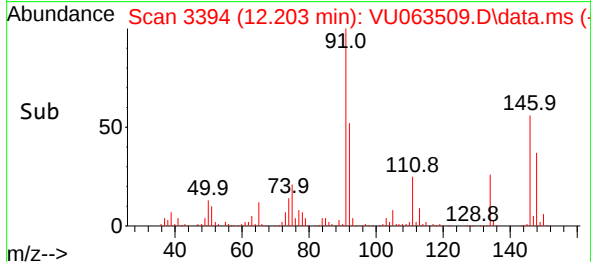
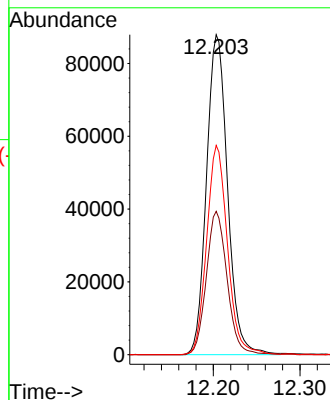
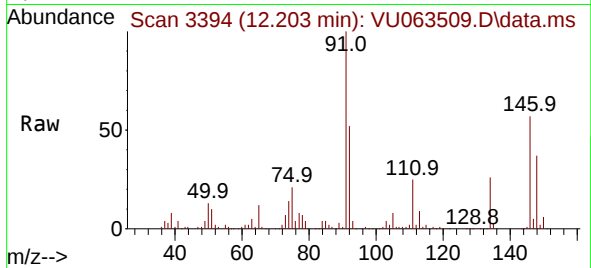




#91
1,2-Dichlorobenzene
Concen: 50.320 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

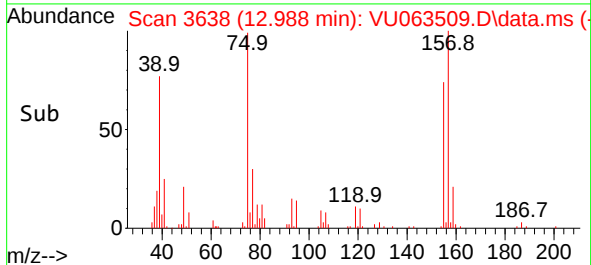
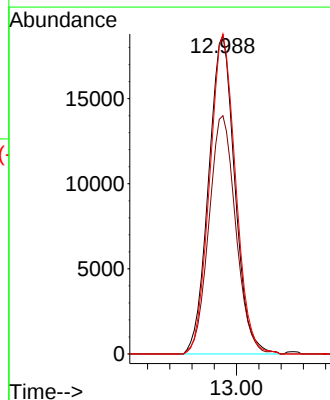
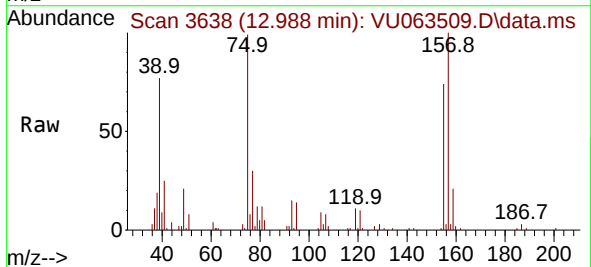
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

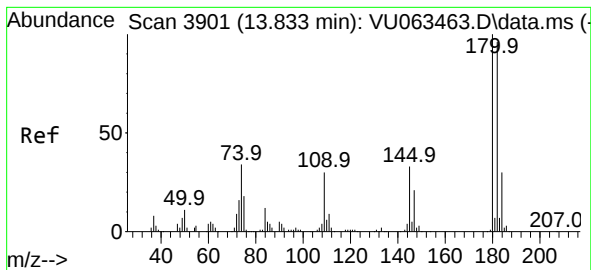
Tgt Ion:146 Resp: 148246
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 64.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.878 ug/l
RT: 12.988 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion: 75 Resp: 30600
Ion Ratio Lower Upper
75 100
155 76.4 39.1 117.5
157 99.1 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 48.553 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

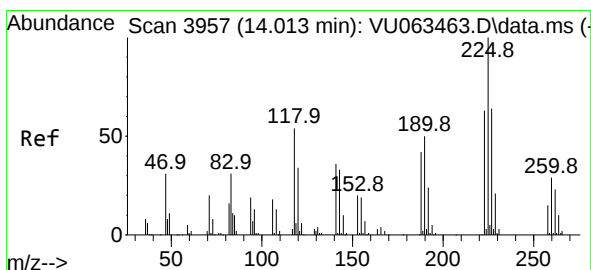
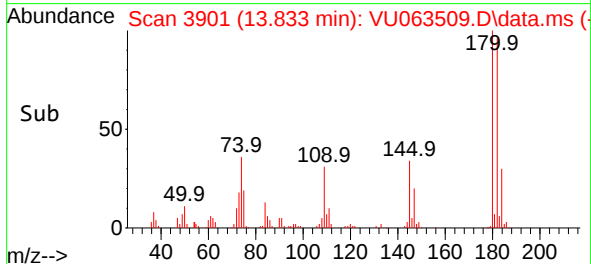
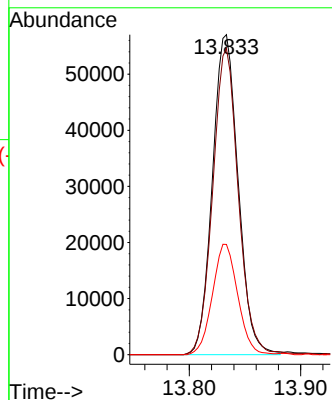
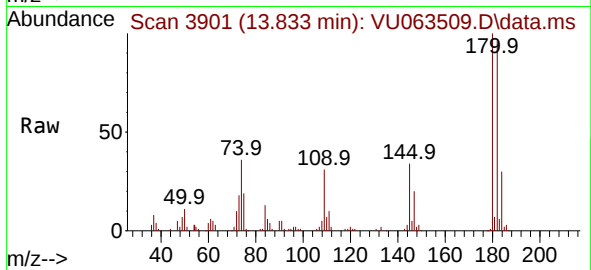
Tgt Ion:180 Resp: 91606

Ion Ratio Lower Upper

180 100

182 95.1 47.7 143.1

145 33.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 45.415 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063509.D

Acq: 14 Jul 2025 16:06

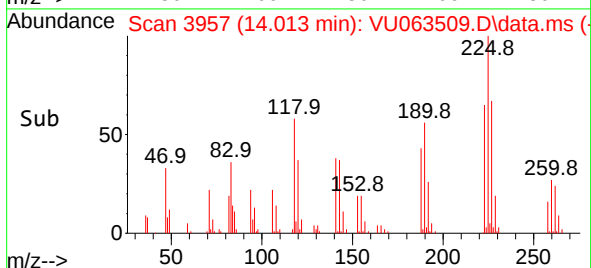
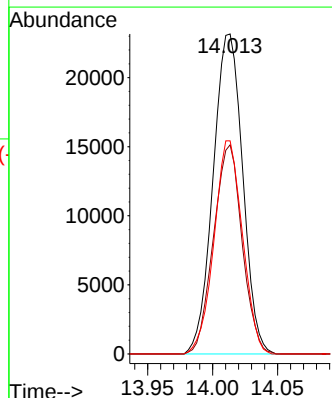
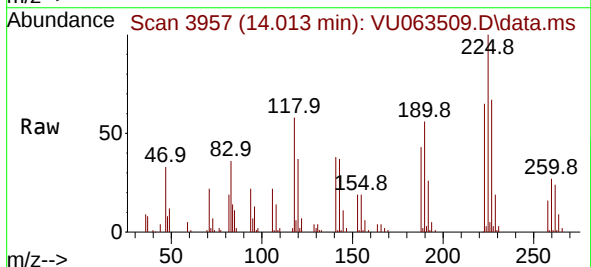
Tgt Ion:225 Resp: 36627

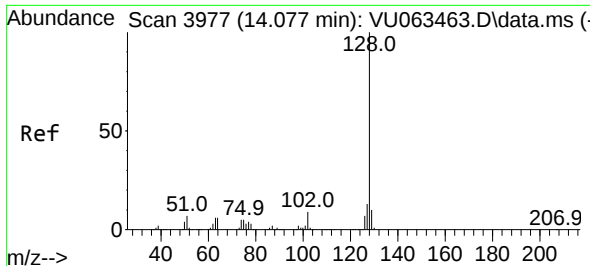
Ion Ratio Lower Upper

225 100

223 63.2 32.4 97.0

227 64.1 32.3 96.9

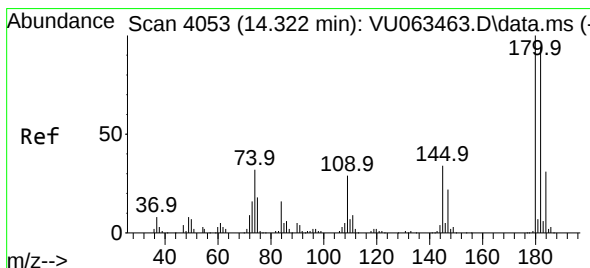
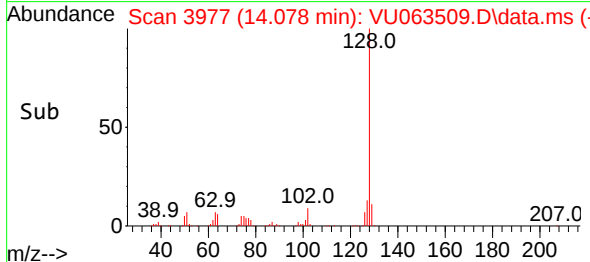
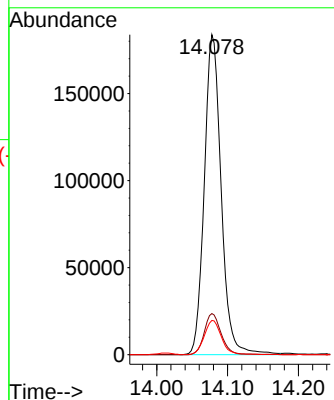
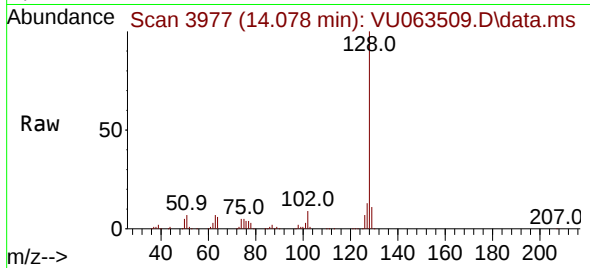




#95
Naphthalene
Concen: 49.247 ug/l
RT: 14.078 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 304284
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.278 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063509.D
Acq: 14 Jul 2025 16:06

Tgt Ion:180 Resp: 89514
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.3
145 36.1 17.2 51.5

