

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063485.D
 Acq On : 11 Jul 2025 10:02
 Operator : MD/SY
 Sample : VU0711WBL02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBL02

Quant Time: Jul 12 03:45:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	105828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	195916	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	181318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	88560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	74688	55.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.620%			
35) Dibromofluoromethane	5.277	113	58876	49.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	7.888	98	186873	48.545	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	10.624	95	82356	48.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.820%			
Target Compounds						Qvalue
3) Chloromethane	1.518	50	291	0.284	ug/l #	42
4) Vinyl Chloride	1.599	62	40	0.035	ug/l #	41
5) Bromomethane	1.849	94	184	0.231	ug/l	95
6) Chloroethane	1.911	64	94	0.114	ug/l #	43
10) Methyl Iodide	2.708	142	173	0.153	ug/l #	51
11) Tert butyl alcohol	3.174	59	313	0.691	ug/l #	1
12) 1,1-Dichloroethene	2.595	96	86	0.085	ug/l #	1
13) Acrolein	2.476	56	448	7.011	ug/l #	12
14) Allyl chloride	2.914	41	165	0.069	ug/l #	70
15) Acrylonitrile	3.300	53	242	0.250	ug/l #	55
16) Acetone	2.618	43	875	0.773	ug/l #	73
17) Carbon Disulfide	2.785	76	696	0.288	ug/l #	85
18) Methyl Acetate	2.939	43	271	0.093	ug/l #	54
20) Methylene Chloride	3.039	84	654	0.396	ug/l #	52
21) trans-1,2-Dichloroethene	3.351	96	62	0.057	ug/l #	1
23) Vinyl Acetate	3.956	43	153	0.048	ug/l #	73
25) 2-Butanone	4.666	43	70	0.055	ug/l #	49
29) Tetrahydrofuran	5.087	42	59	0.074	ug/l #	32
31) Cyclohexane	5.361	56	3191	1.709	ug/l #	33
36) 1,1-Dichloropropene	5.361	75	9818	6.118	ug/l #	51
37) Ethyl Acetate	4.808	43	40	0.015	ug/l #	70
38) Carbon Tetrachloride	5.361	117	11904	6.733	ug/l #	17
41) Methacrylonitrile	4.972	41	46	0.038	ug/l #	21
42) 1,2-Dichloroethane	5.798	62	49	0.026	ug/l #	76
43) Isopropyl Acetate	5.910	43	43	0.012	ug/l #	61
45) 1,2-Dichloropropane	6.589	63	45	0.032	ug/l #	43
48) Methyl methacrylate	6.968	41	63	0.039	ug/l #	21
51) 4-Methyl-2-Pentanone	7.804	43	1083	0.433	ug/l #	58
59) 2-Hexanone	8.698	43	542	0.287	ug/l	77
65) Chlorobenzene	9.441	112	192	0.051	ug/l #	43
67) Ethyl Benzene	9.563	91	69	0.011	ug/l #	44
68) m/p-Xylenes	9.695	106	186	0.075	ug/l #	32
69) o-Xylene	10.110	106	21	0.008	ug/l #	1
70) Styrene	10.135	104	71	0.018	ug/l #	25
73) Isopropylbenzene	10.476	105	192	0.032	ug/l #	49
74) N-amyl acetate	10.306	43	40	0.015	ug/l #	44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063485.D
 Acq On : 11 Jul 2025 10:02
 Operator : MD/SY
 Sample : VU0711WBL02
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

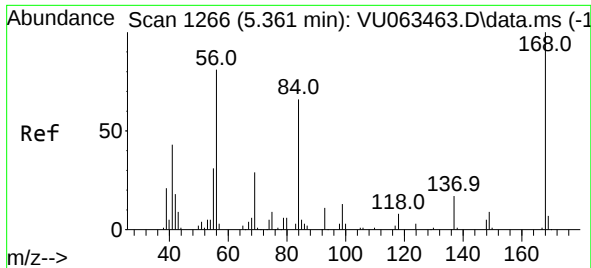
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBL02

Quant Time: Jul 12 03:45:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

76) 1,2,3-Trichloropropane	10.624	75	45933	19.574	ug/l #	84
77) Bromobenzene	10.769	156	21	0.014	ug/l #	1
78) n-propylbenzene	10.901	91	435	0.062	ug/l #	62
79) 2-Chlorotoluene	10.971	91	169	0.039	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.081	105	110	0.021	ug/l #	30
81) trans-1,4-Dichloro-2-b...	10.624	75	45933	97.623	ug/l #	12
82) 4-Chlorotoluene	11.097	91	148	0.030	ug/l #	46
83) tert-Butylbenzene	11.421	119	19	0.004	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.473	105	342	0.066	ug/l #	32
85) sec-Butylbenzene	11.637	105	454	0.068	ug/l #	57
86) p-Isopropyltoluene	11.791	119	416	0.077	ug/l #	39
87) 1,3-Dichlorobenzene	11.743	146	350	0.123	ug/l	91
88) 1,4-Dichlorobenzene	11.743	146	350	0.121	ug/l	91
89) n-Butylbenzene	12.254	91	138	0.028	ug/l	90
91) 1,2-Dichlorobenzene	12.219	146	177	0.064	ug/l	86
93) 1,2,4-Trichlorobenzene	13.849	180	509	0.286	ug/l #	86
95) Naphthalene	14.106	128	4572	0.785	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.338	180	481	0.275	ug/l #	87

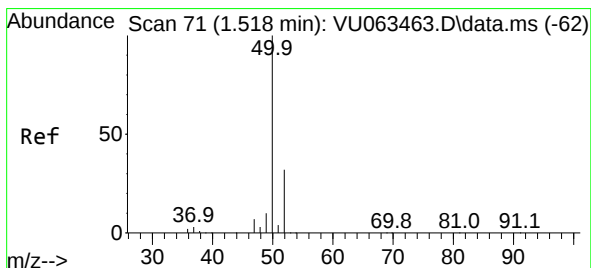
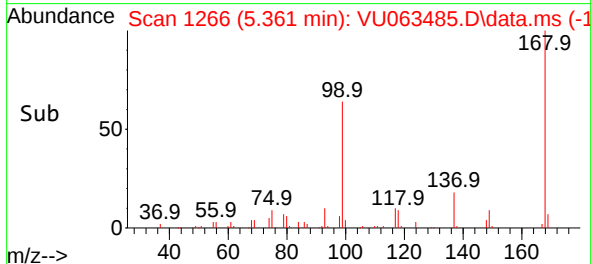
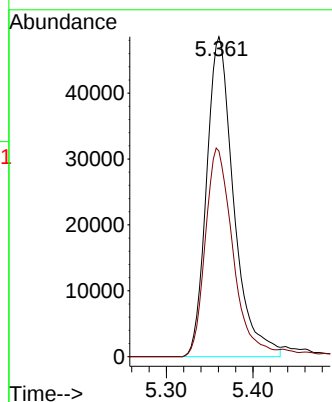
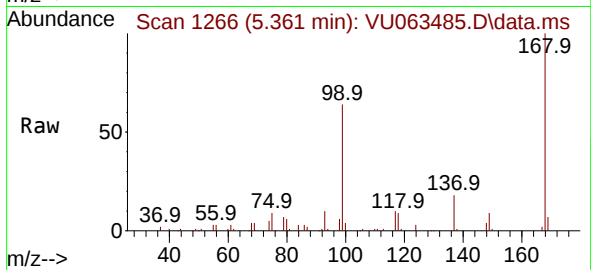
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

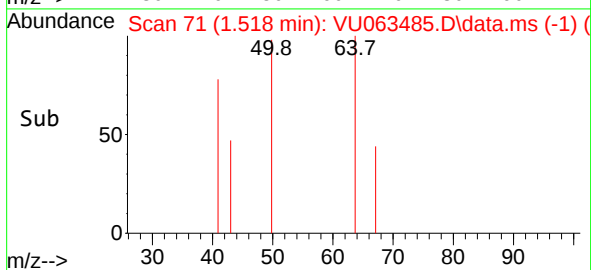
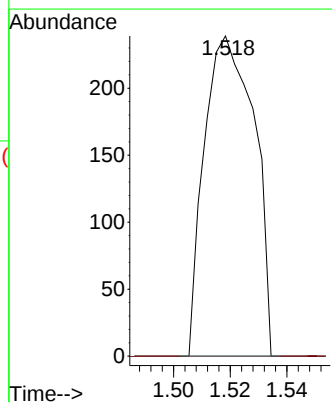
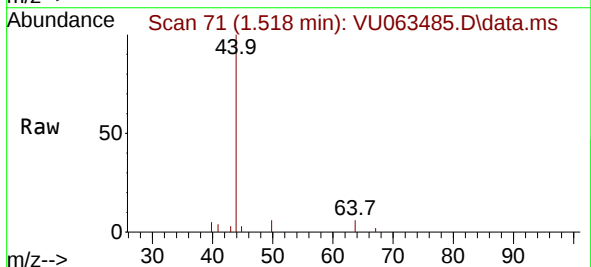
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

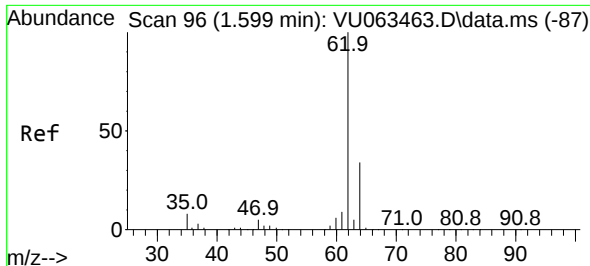
Tgt Ion:168 Resp: 105828
Ion Ratio Lower Upper
168 100
99 64.3 47.7 71.5



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 50 Resp: 291
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

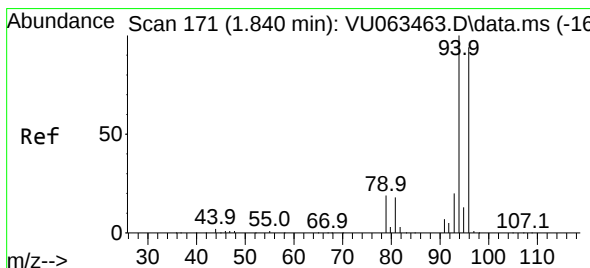
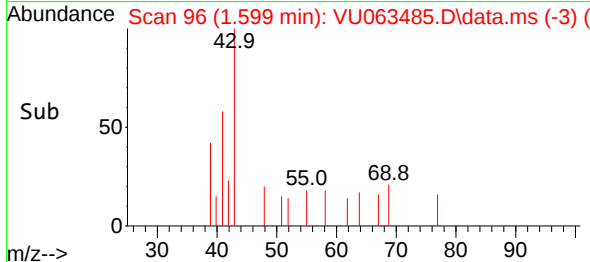
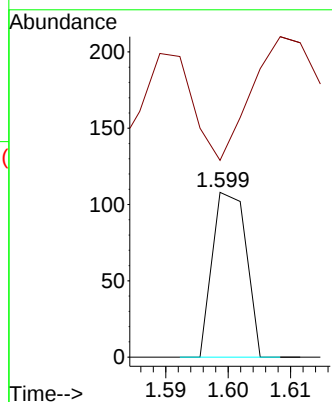
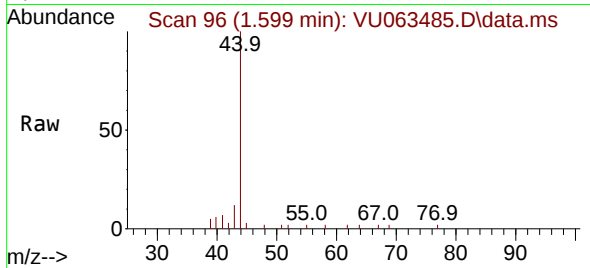




#4
Vinyl Chloride
Concen: 0.035 ug/l
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

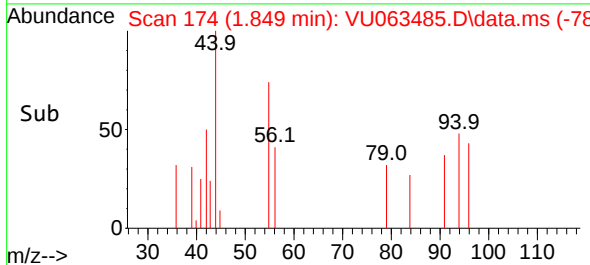
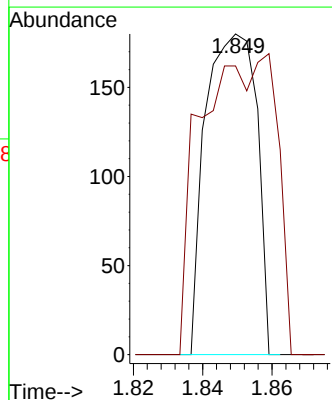
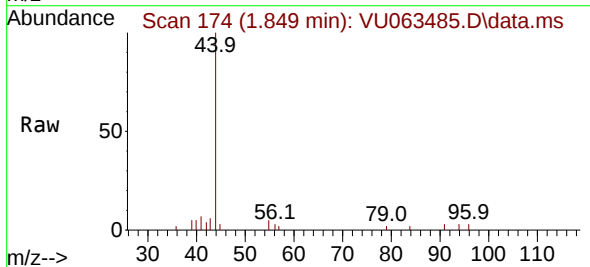
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

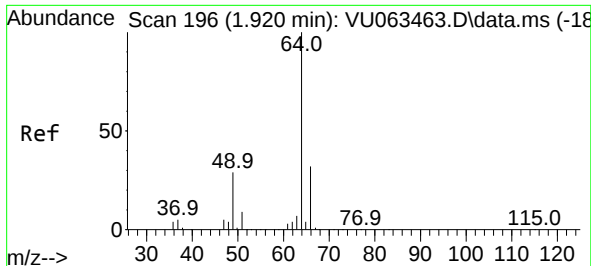
Tgt Ion: 62 Resp: 40
Ion Ratio Lower Upper
62 100
64 0.0 26.9 40.3#



#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.849 min Scan# 174
Delta R.T. 0.009 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 90.0 75.5 113.3

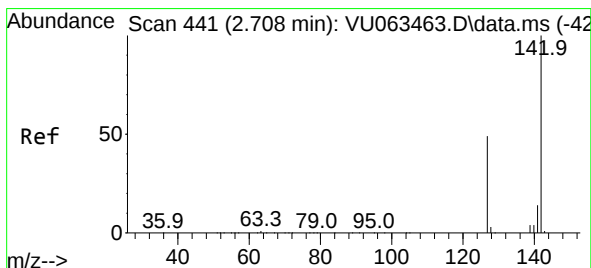
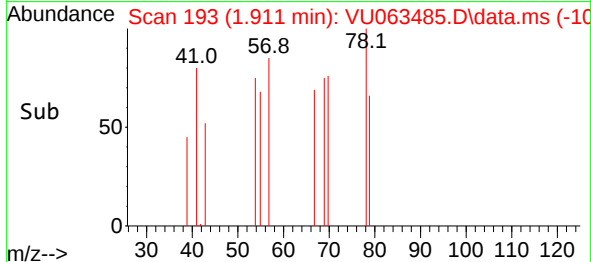
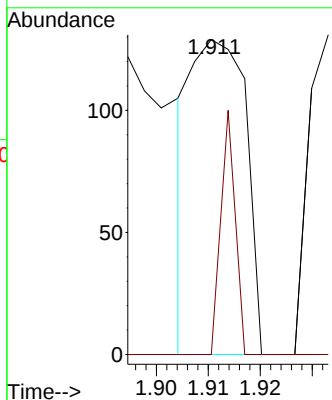
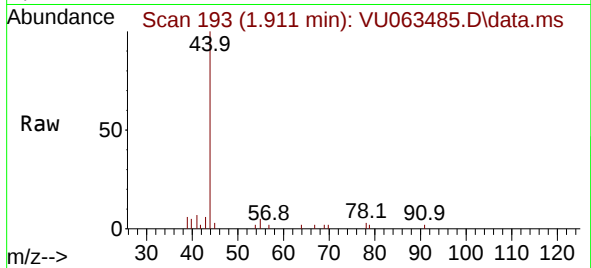




#6
Chloroethane
Concen: 0.114 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.009 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

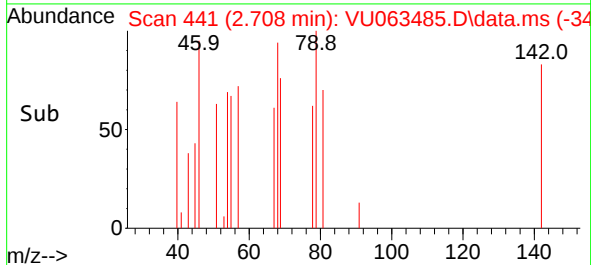
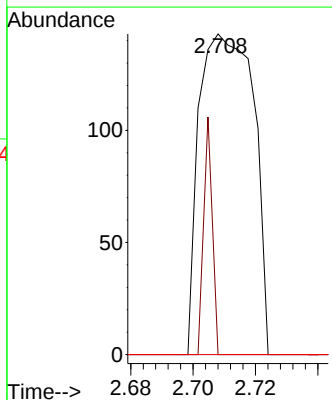
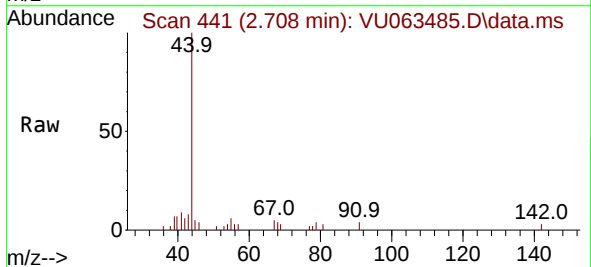
Instrument :
MSVOA_U
ClientSampleId :
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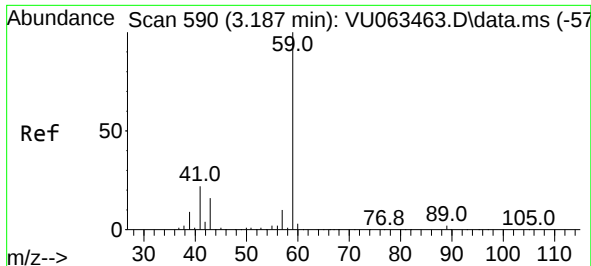
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.153 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
142 100
127 11.6 38.2 57.4#
141 0.0 11.1 16.7#

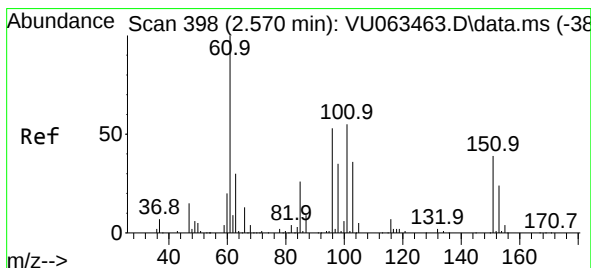
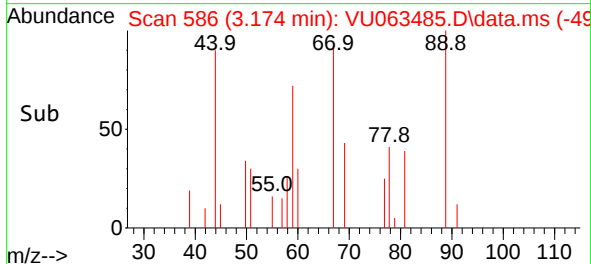
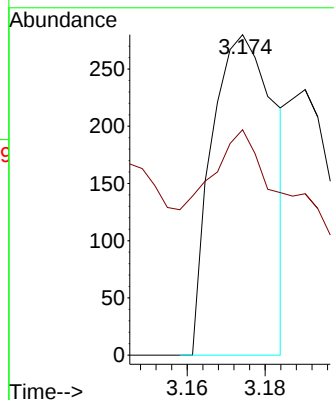
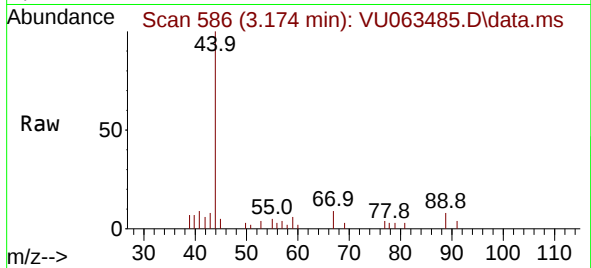




#11
Tert butyl alcohol
Concen: 0.691 ug/l
RT: 3.174 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

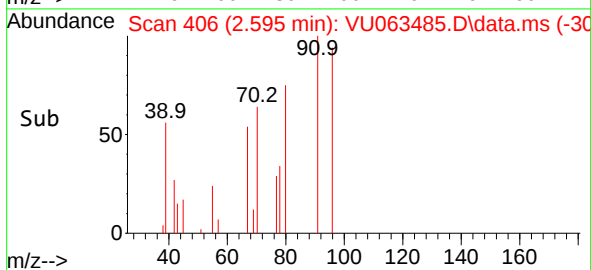
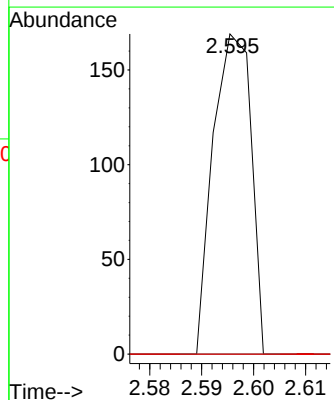
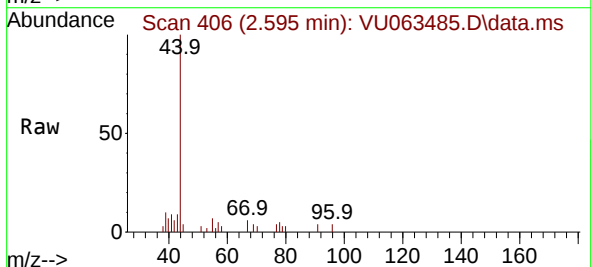
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ClientSampleId :
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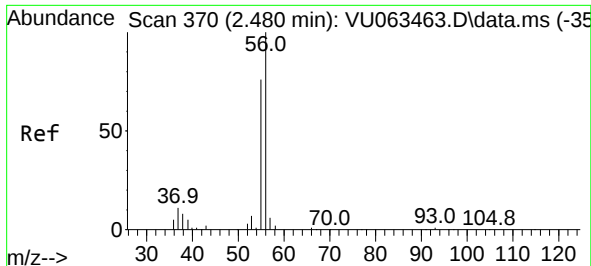
Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 110.5 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.085 ug/l
RT: 2.595 min Scan# 406
Delta R.T. 0.026 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 96 Resp: 86
Ion Ratio Lower Upper
96 100
61 0.0 149.6 224.4#
98 0.0 52.0 78.0#





#13

Acrolein

Concen: 7.011 ug/l

RT: 2.476 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

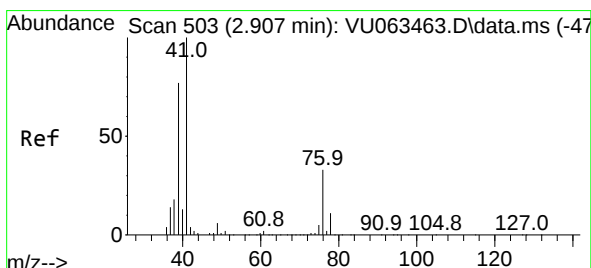
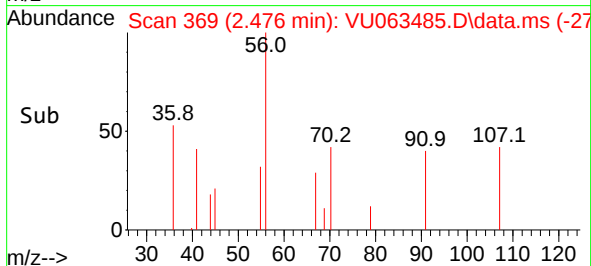
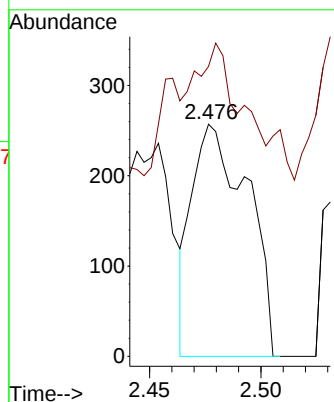
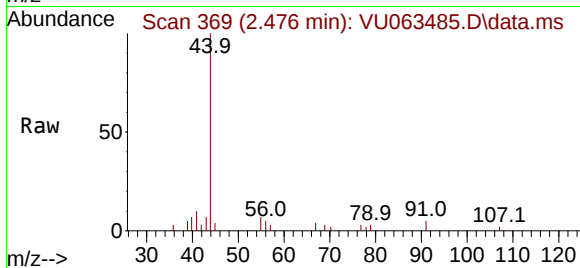
VU0711WBL02

Tgt Ion: 56 Resp: 448

Ion Ratio Lower Upper

56 100

55 0.0 60.2 90.2#



#14

Allyl chloride

Concen: 0.069 ug/l

RT: 2.914 min Scan# 505

Delta R.T. 0.006 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

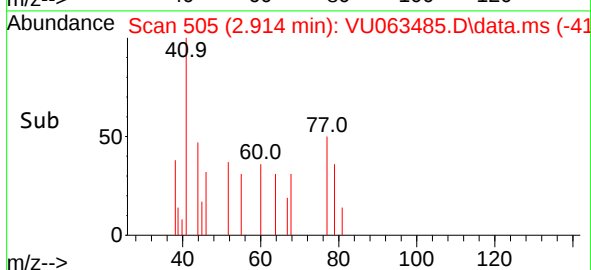
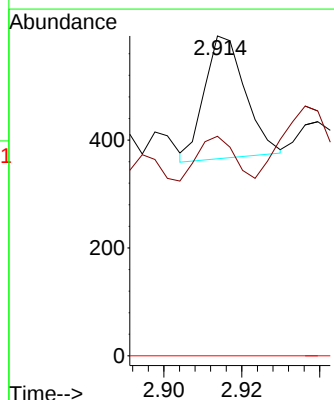
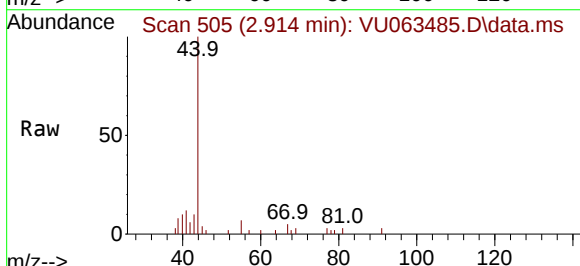
Tgt Ion: 41 Resp: 165

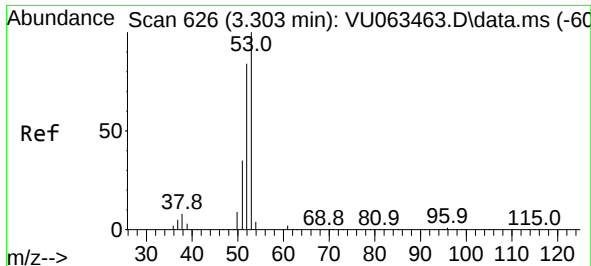
Ion Ratio Lower Upper

41 100

39 83.6 53.9 80.9#

76 0.0 23.1 34.7#

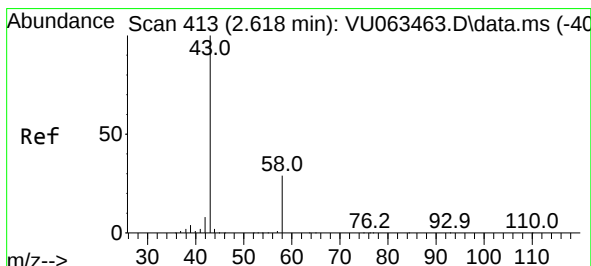
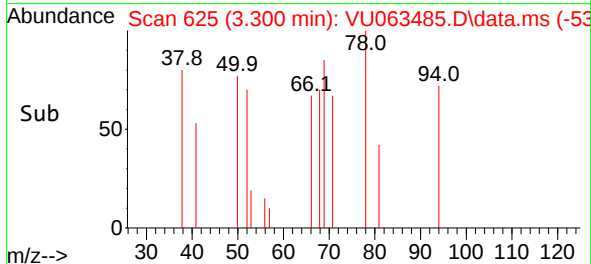
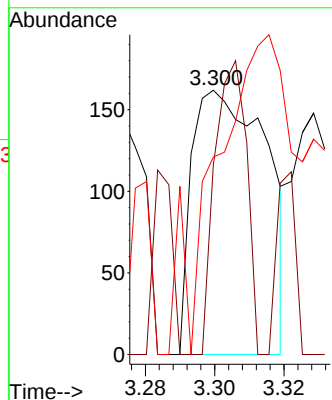
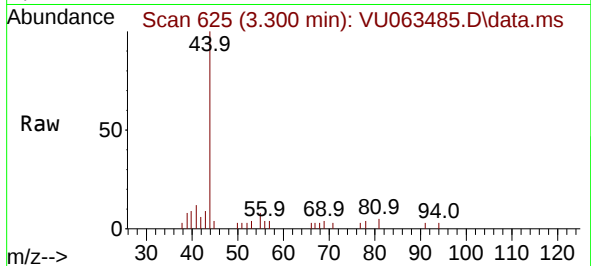




#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 3.300 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

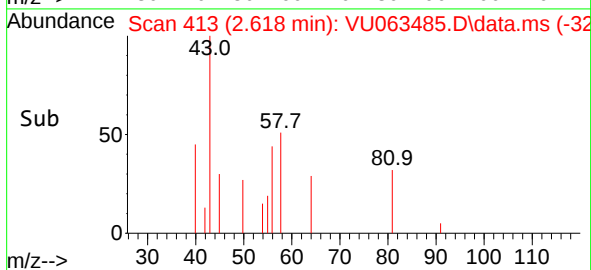
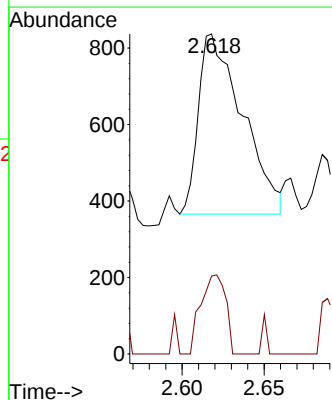
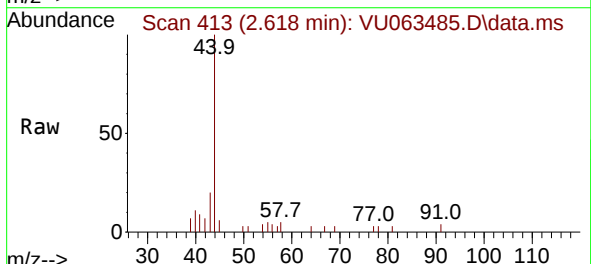
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MSVOA_U
ClientSampleId :
VU0711WBL02

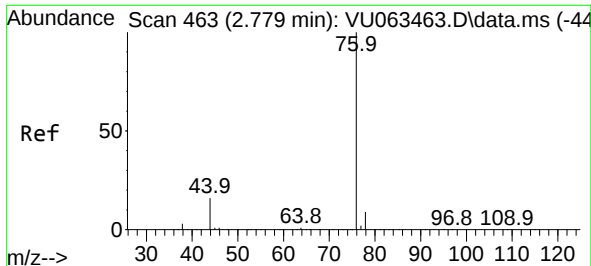
Tgt Ion: 53 Resp: 242
Ion Ratio Lower Upper
53 100
52 47.1 65.0 97.4#
51 0.0 28.8 43.2#



#16
Acetone
Concen: 0.773 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 43.3 23.1 34.7#

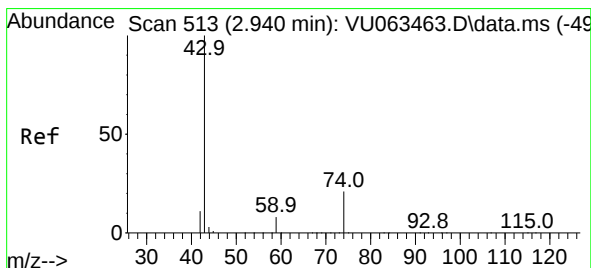
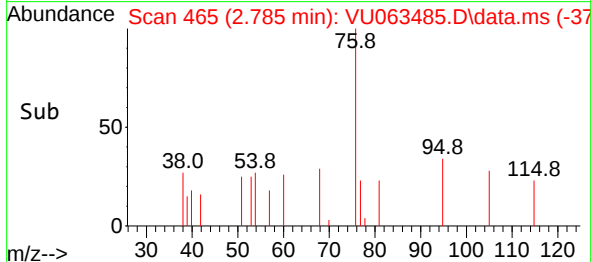
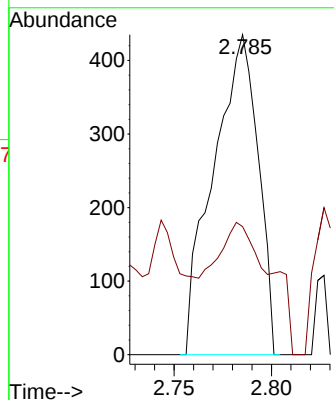
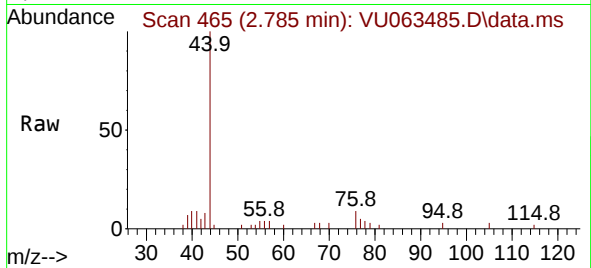




#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.785 min Scan# 463
Delta R.T. 0.006 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

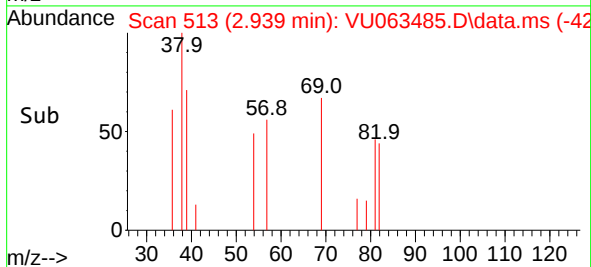
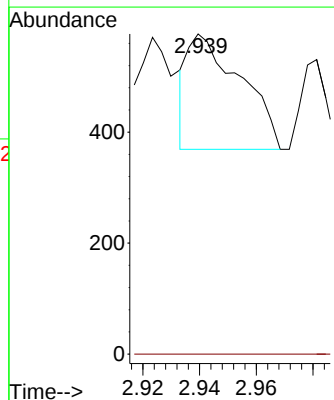
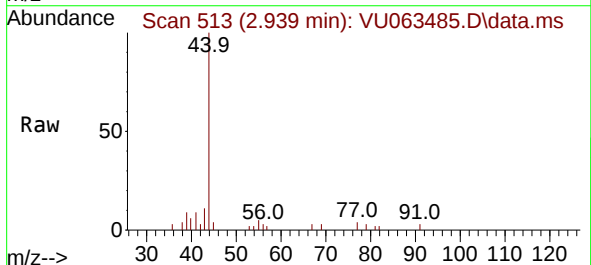
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

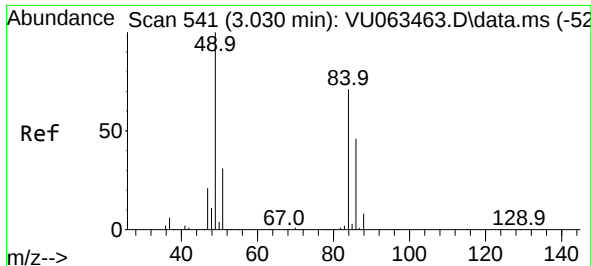
Tgt Ion: 76 Resp: 696
Ion Ratio Lower Upper
76 100
78 14.7 7.5 11.3#



#18
Methyl Acetate
Concen: 0.093 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#

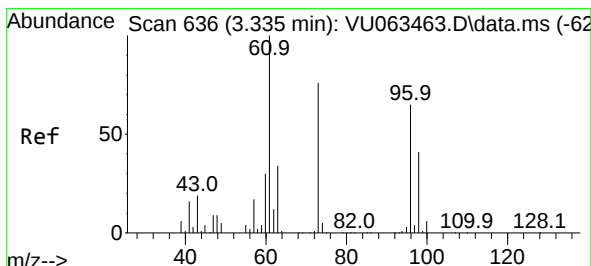
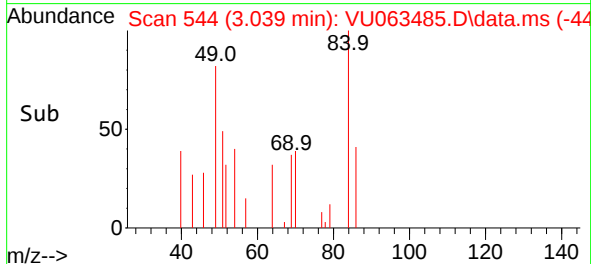
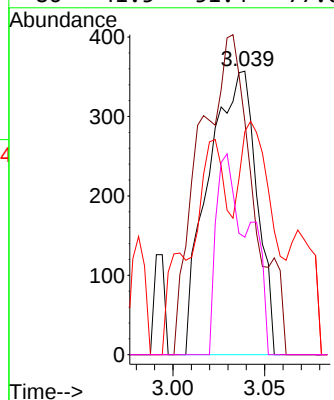
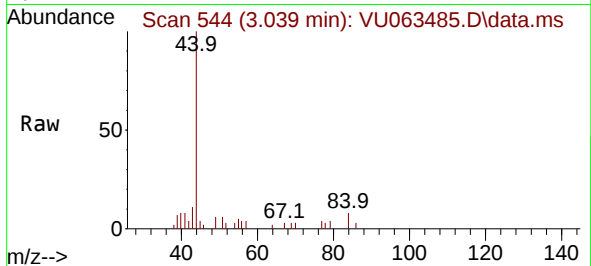




#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 3.039 min Scan# 541
Delta R.T. 0.009 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

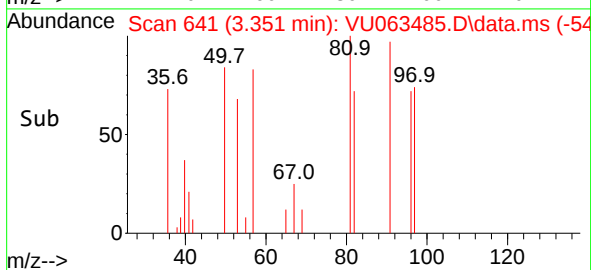
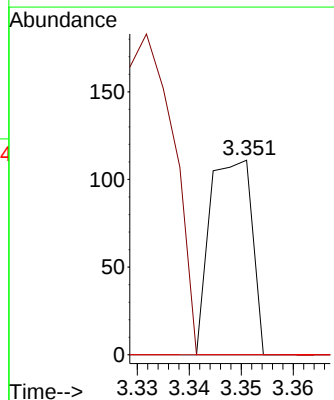
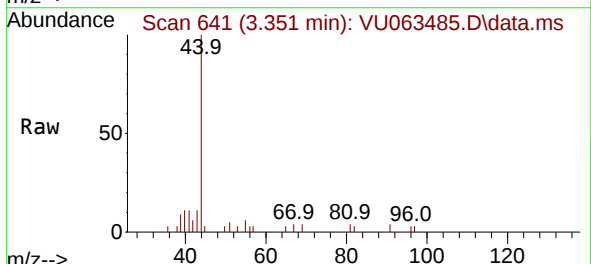
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

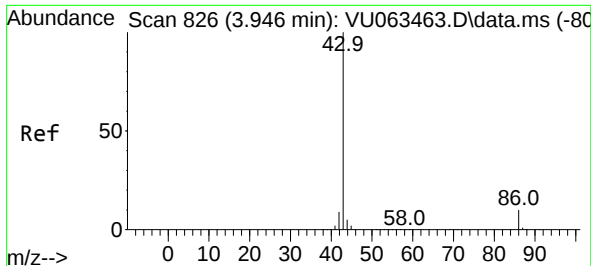
Tgt Ion: 84 Resp: 654
Ion Ratio Lower Upper
84 100
49 54.1 112.1 168.1#
51 44.0 34.4 51.6
86 41.5 51.4 77.0#



#21
trans-1,2-Dichloroethene
Concen: 0.057 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.016 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 96 Resp: 62
Ion Ratio Lower Upper
96 100
61 0.0 122.2 183.4#
98 0.0 49.9 74.9#

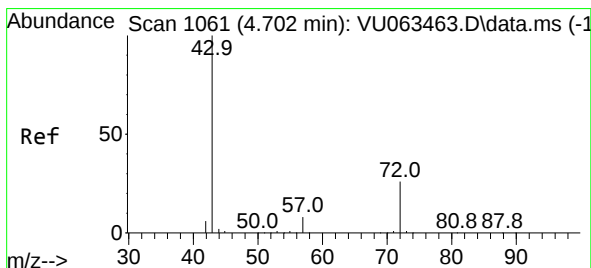
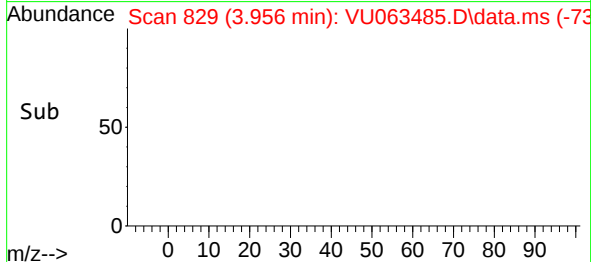
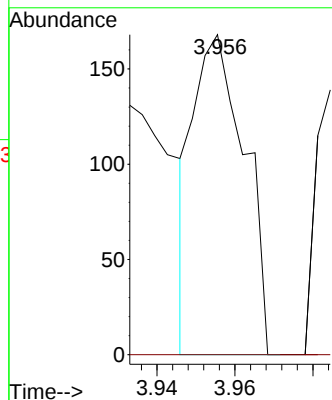
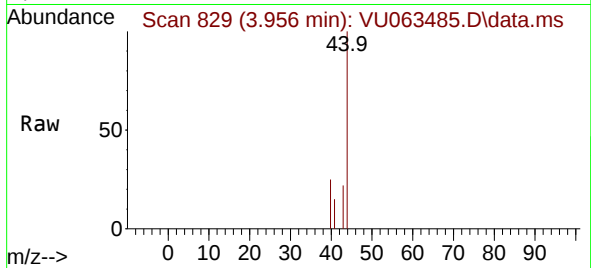




#23
 Vinyl Acetate
 Concen: 0.048 ug/l
 RT: 3.956 min Scan# 81
 Delta R.T. 0.009 min
 Lab File: VU063485.D
 Acq: 11 Jul 2025 10:02

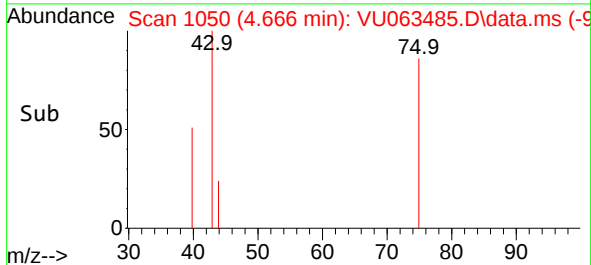
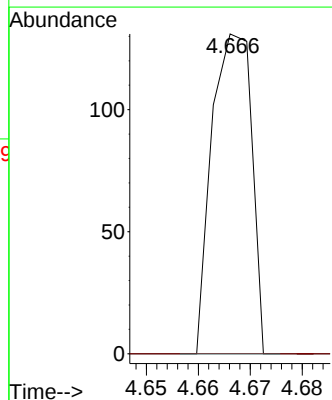
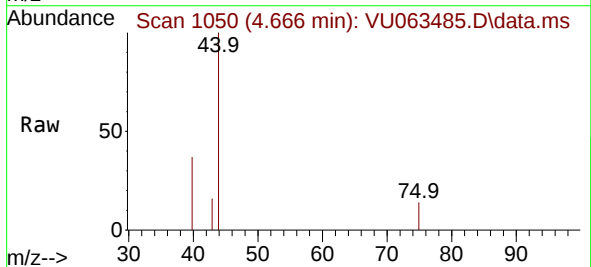
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBL02

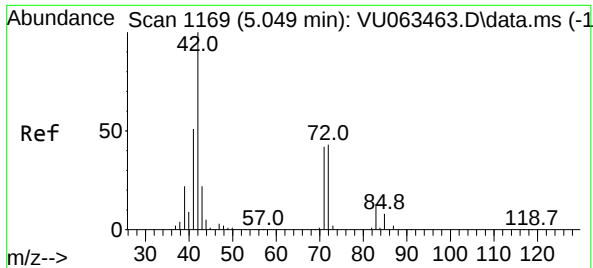
Tgt Ion: 43 Resp: 153
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#25
 2-Butanone
 Concen: 0.055 ug/l
 RT: 4.666 min Scan# 1050
 Delta R.T. -0.036 min
 Lab File: VU063485.D
 Acq: 11 Jul 2025 10:02

Tgt Ion: 43 Resp: 70
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.7 31.1#





#29

Tetrahydrofuran

Concen: 0.074 ug/l

RT: 5.087 min Scan# 1169

Delta R.T. 0.038 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

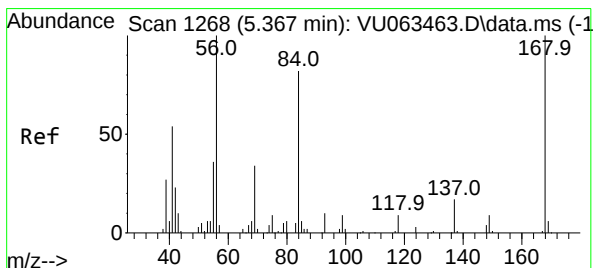
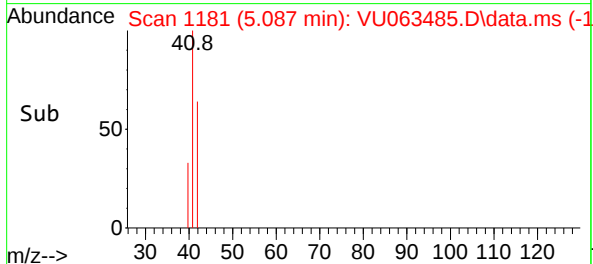
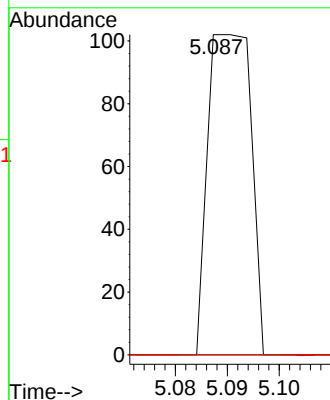
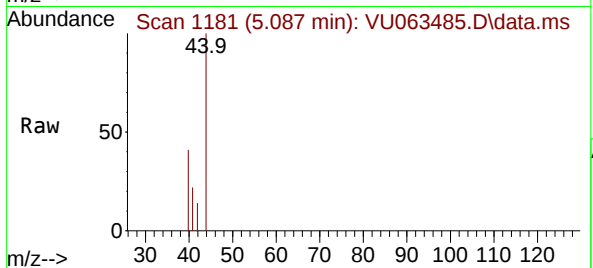
Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL02

Tgt Ion:	42	Resp:	59
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	33.3	49.9#



#31

Cyclohexane

Concen: 1.709 ug/l

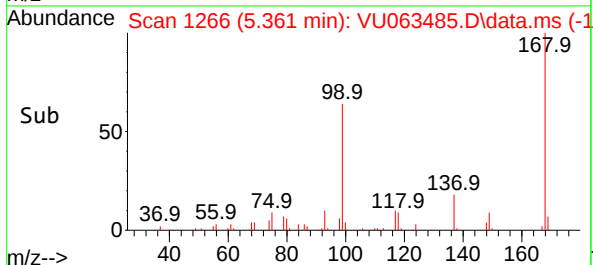
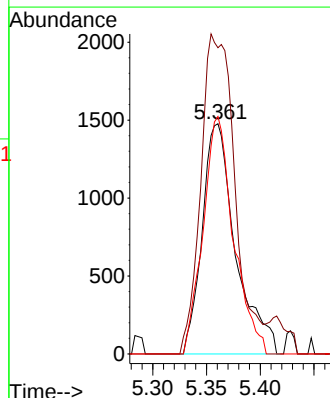
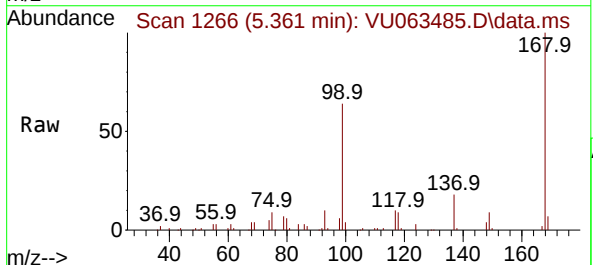
RT: 5.361 min Scan# 1266

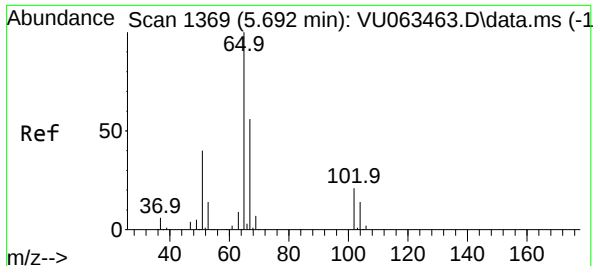
Delta R.T. -0.007 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Tgt Ion:	56	Resp:	3191
Ion	Ratio	Lower	Upper
56	100		
69	133.0	27.0	40.4#
84	103.1	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 55.315 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

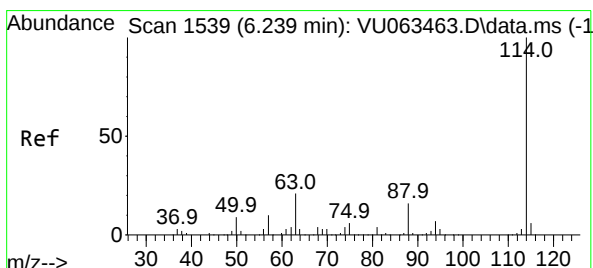
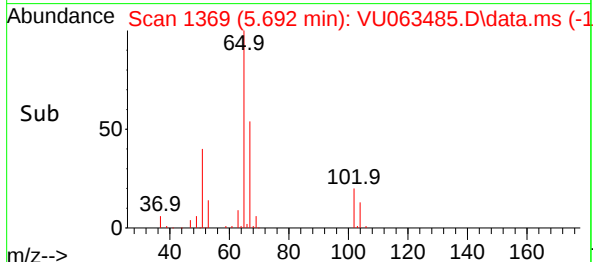
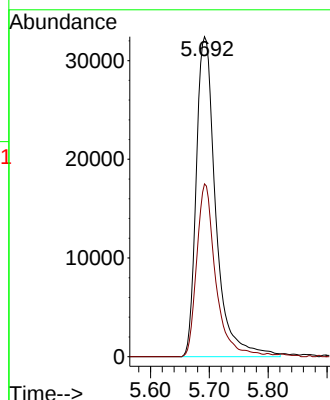
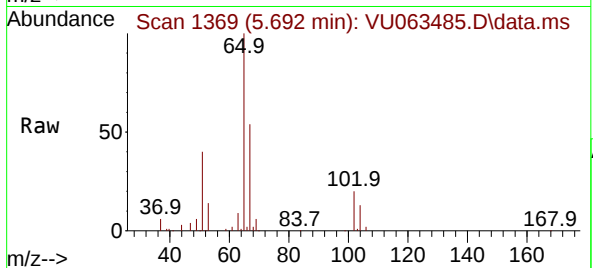
VU0711WBL02

Tgt Ion: 65 Resp: 74688

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

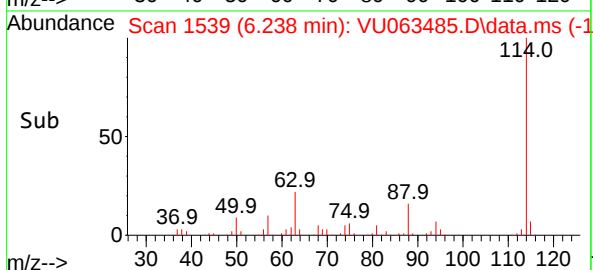
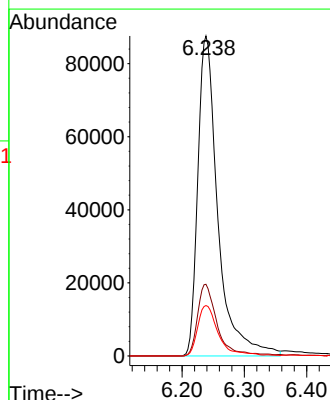
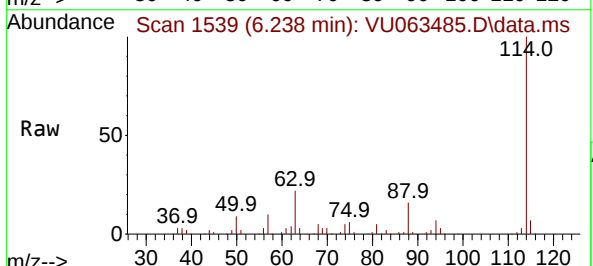
Tgt Ion: 114 Resp: 195916

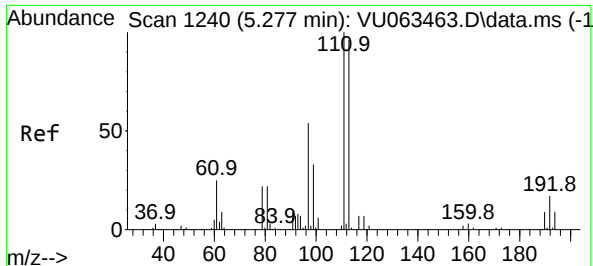
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.6

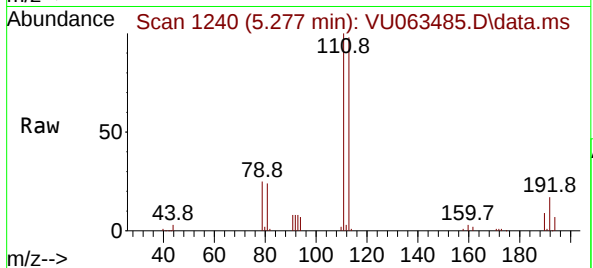
88 15.7 0.0 32.0



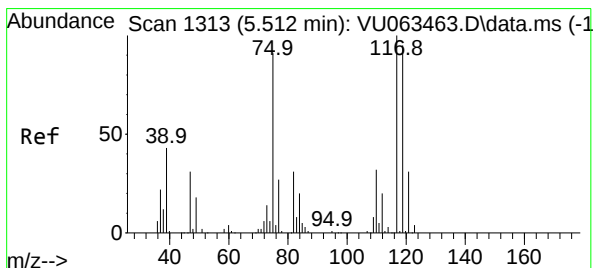
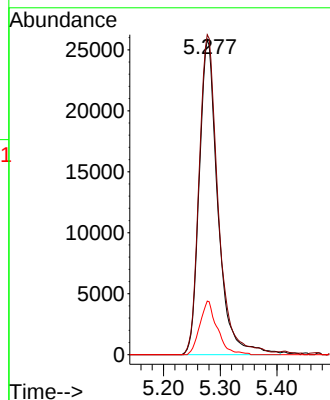
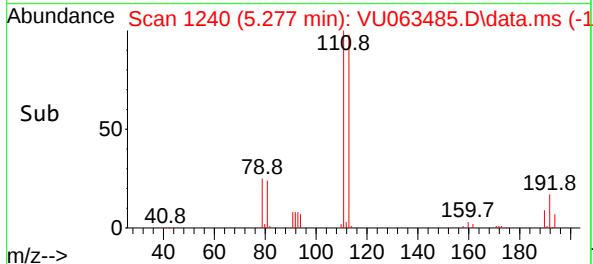


#35
Dibromofluoromethane
Concen: 49.855 ug/l
RT: 5.277 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

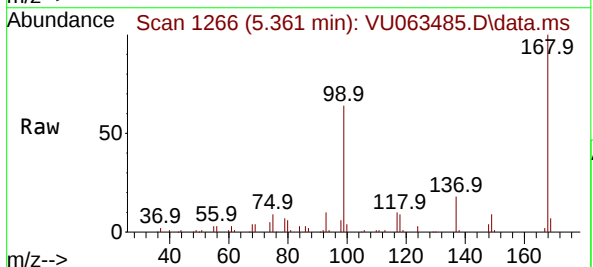
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02



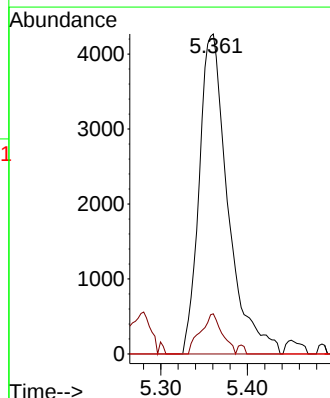
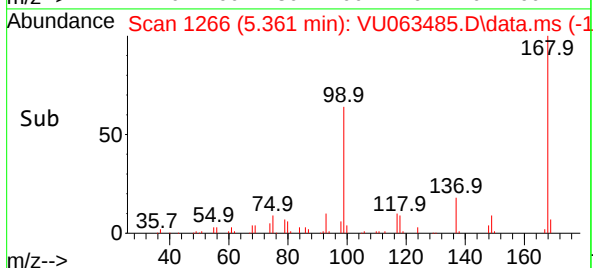
Tgt Ion:113 Resp: 58876
Ion Ratio Lower Upper
113 100
111 104.0 82.1 123.1
192 16.0 14.3 21.5

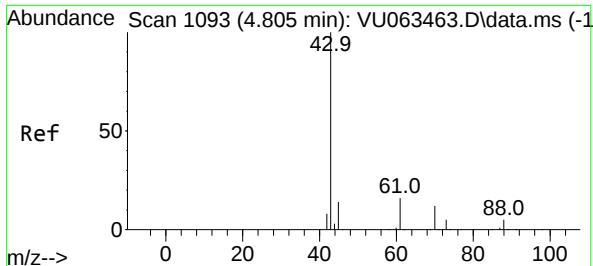


#36
1,1-Dichloropropene
Concen: 6.118 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. -0.151 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02



Tgt Ion: 75 Resp: 9818
Ion Ratio Lower Upper
75 100
110 9.4 17.3 52.0#
77 0.0 23.9 35.9#





#37

Ethyl Acetate

Concen: 0.015 ug/l

RT: 4.808 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

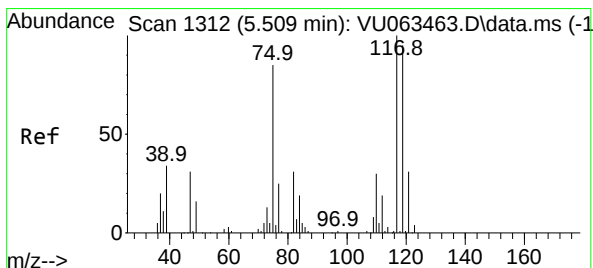
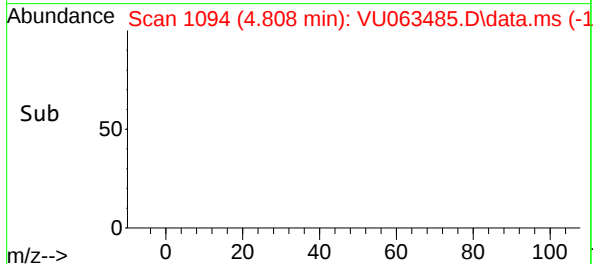
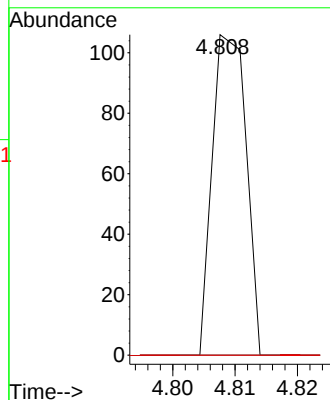
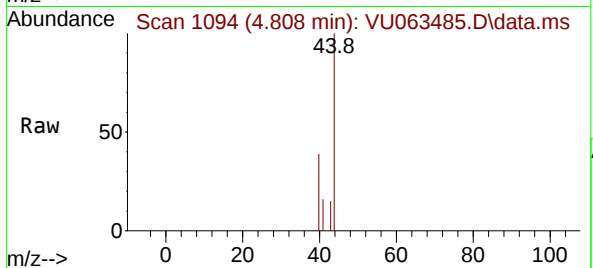
Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL02

Tgt Ion:	43	Resp:	40
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.733 ug/l

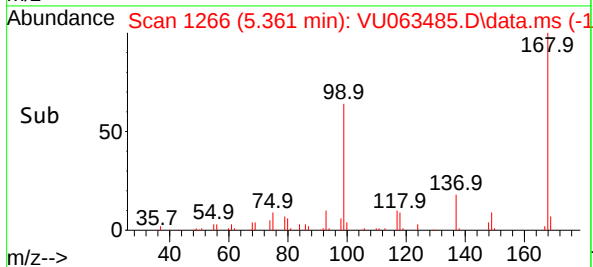
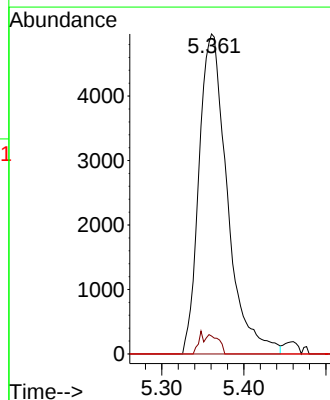
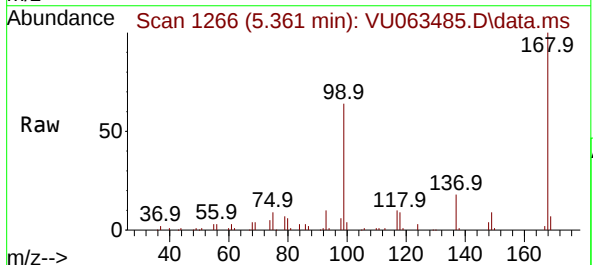
RT: 5.361 min Scan# 1266

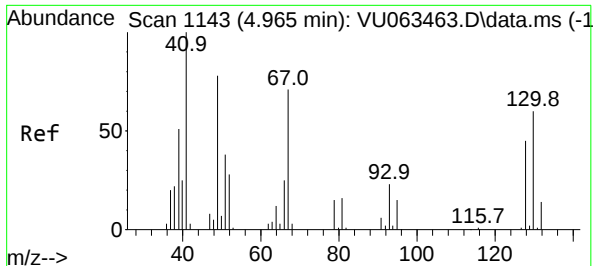
Delta R.T. -0.148 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Tgt Ion:	117	Resp:	11904
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.1	114.1#
121	0.0	25.0	37.4#

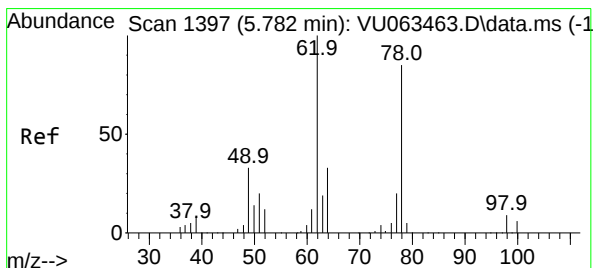
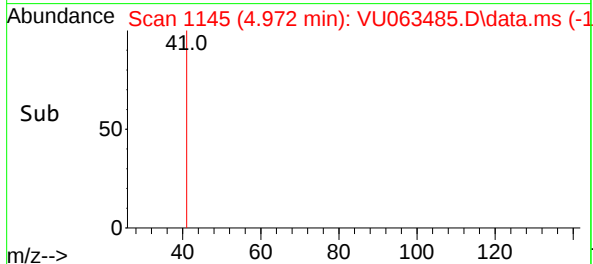
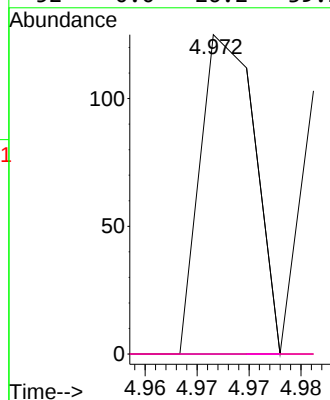
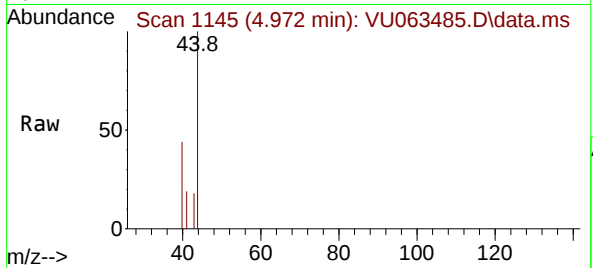




#41
Methacrylonitrile
Concen: 0.038 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

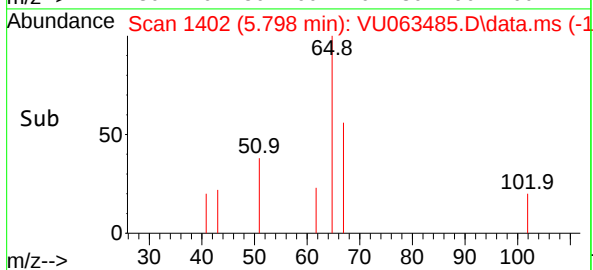
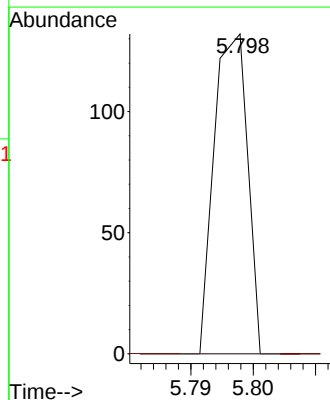
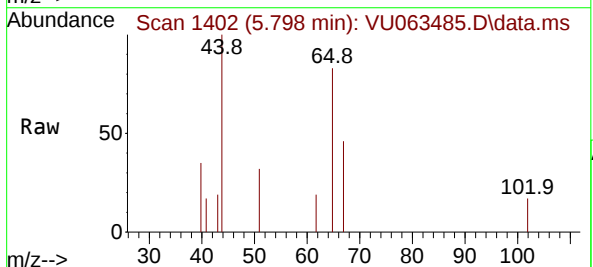
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

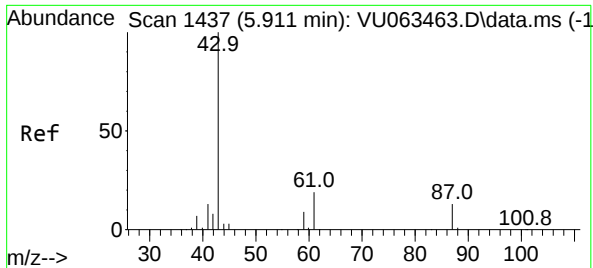
Tgt Ion: 41	Resp:	46
Ion	Ratio	Lower Upper
41	100	
39	0.0	43.6 65.4#
67	0.0	62.8 94.2#
52	0.0	26.2 39.2#



#42
1,2-Dichloroethane
Concen: 0.026 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.016 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 62	Resp:	49
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 17.6

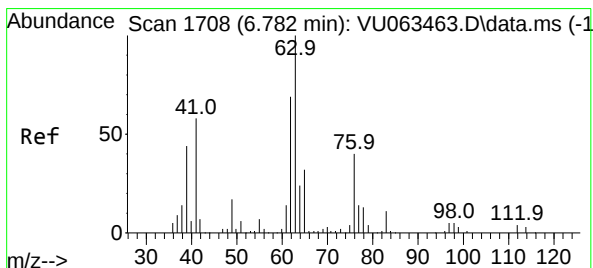
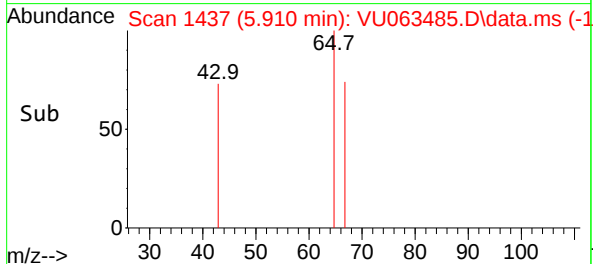
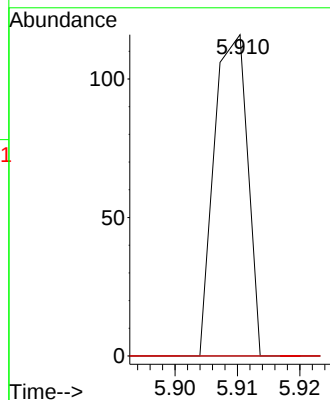
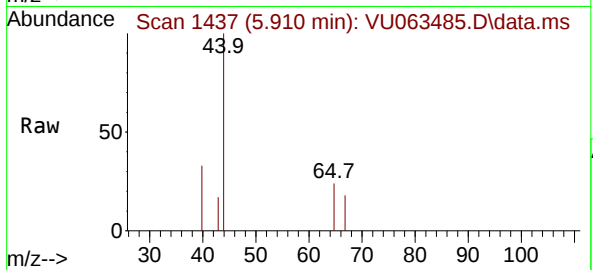




#43
Isopropyl Acetate
Concen: 0.012 ug/l
RT: 5.910 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

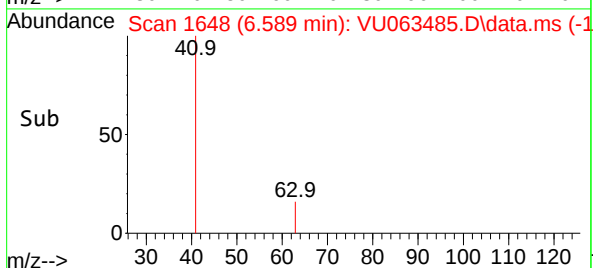
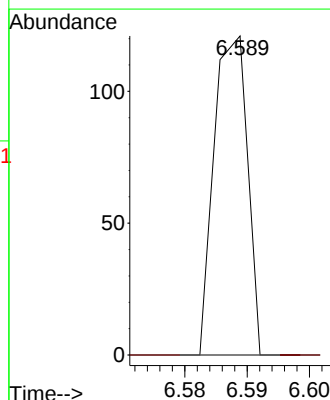
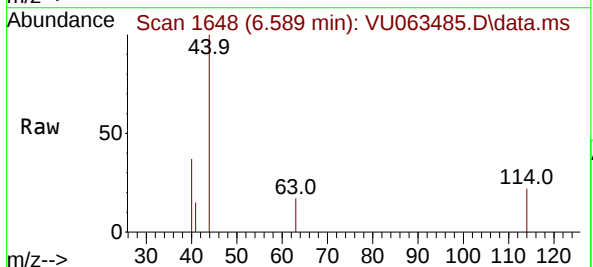
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

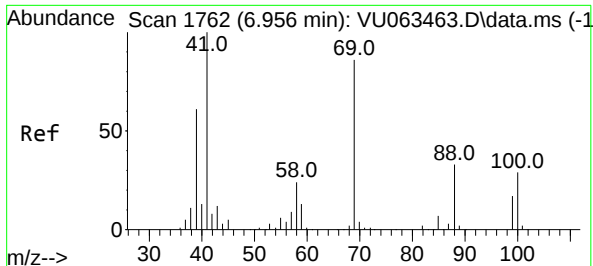
Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.2#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 0.032 ug/l
RT: 6.589 min Scan# 1648
Delta R.T. -0.193 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 63 Resp: 45
Ion Ratio Lower Upper
63 100
65 0.0 25.3 37.9#





#48

Methyl methacrylate

Concen: 0.039 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL02

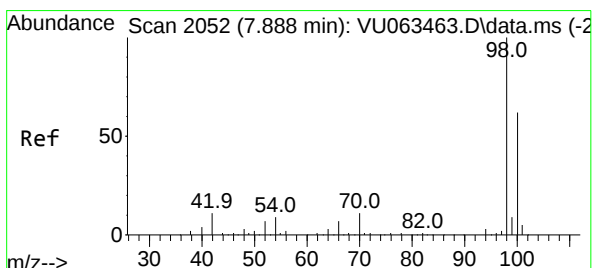
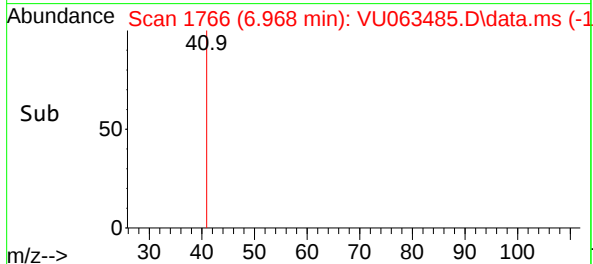
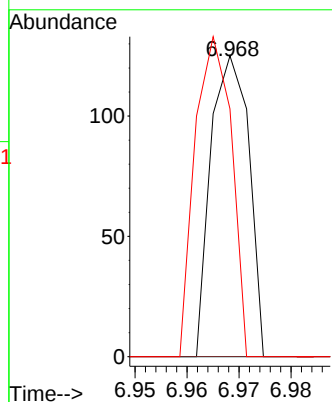
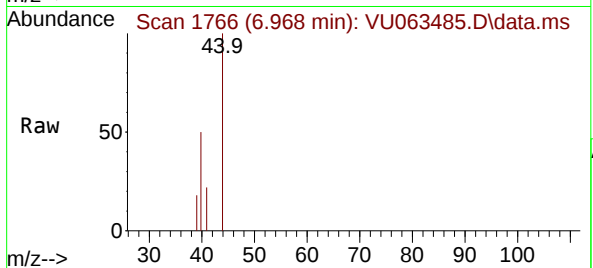
Tgt Ion: 41 Resp: 63

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.8#

39 103.2 48.3 72.5#



#50

Toluene-d8

Concen: 48.545 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063485.D

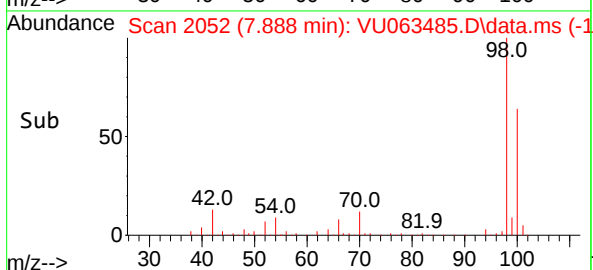
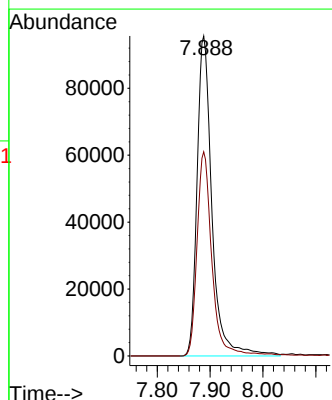
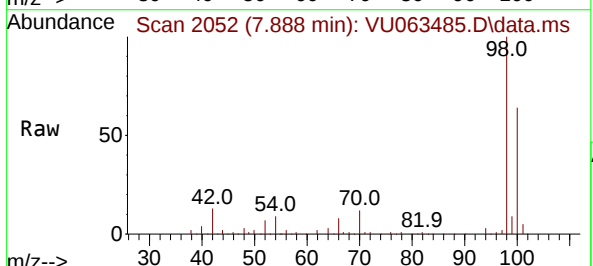
Acq: 11 Jul 2025 10:02

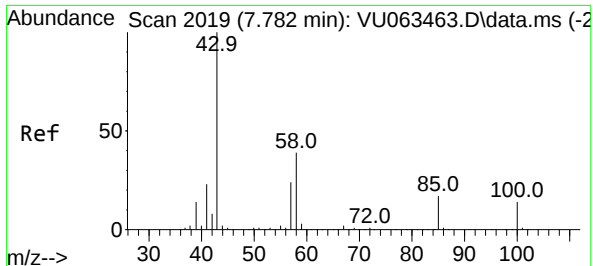
Tgt Ion: 98 Resp: 186873

Ion Ratio Lower Upper

98 100

100 62.8 48.1 72.1

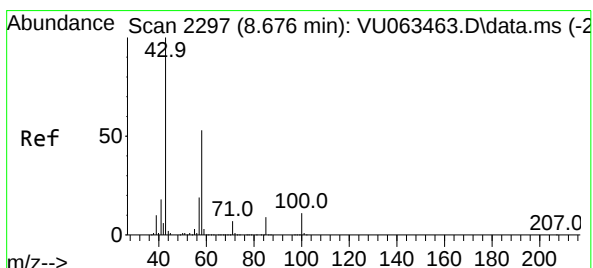
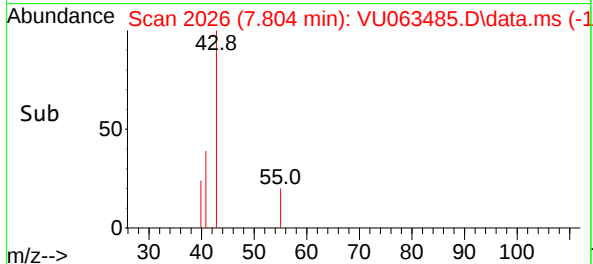
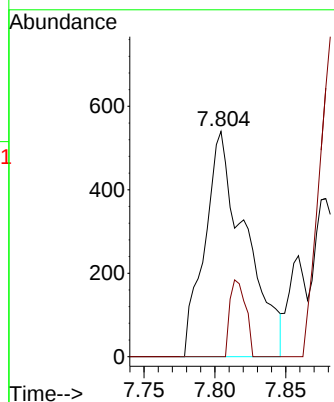
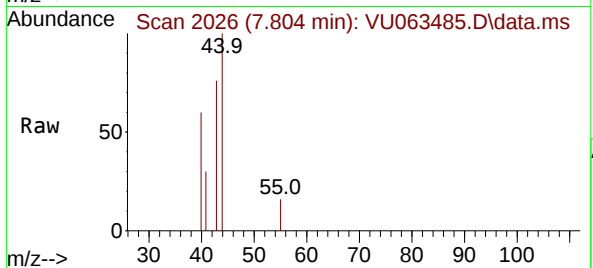




#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 7.804 min Scan# 2019
Delta R.T. 0.022 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

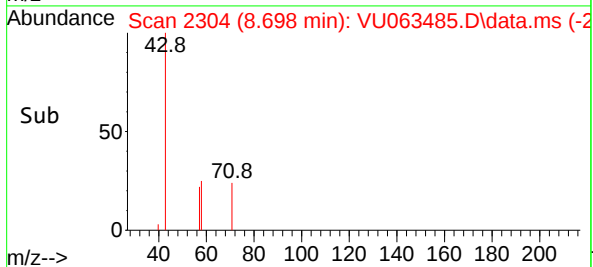
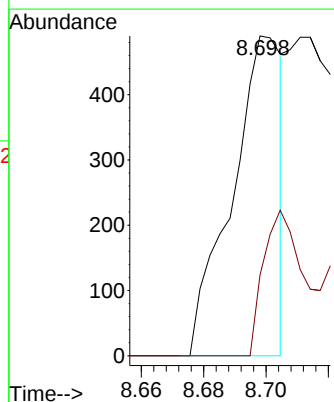
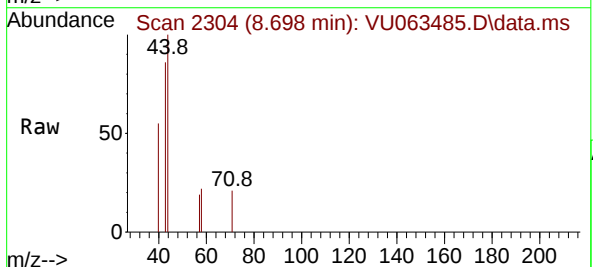
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

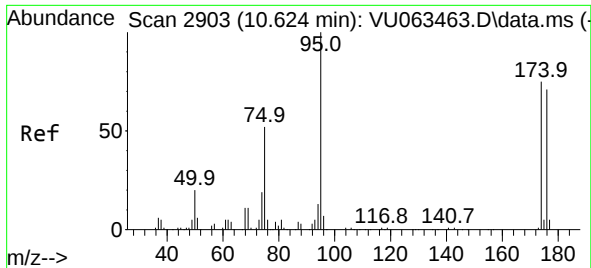
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 13.1 31.0 46.4#



#59
2-Hexanone
Concen: 0.287 ug/l
RT: 8.698 min Scan# 2304
Delta R.T. 0.022 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 37.6 26.9 80.7

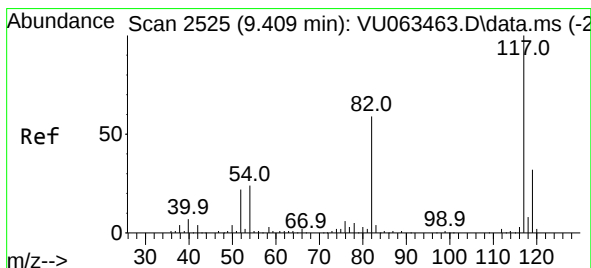
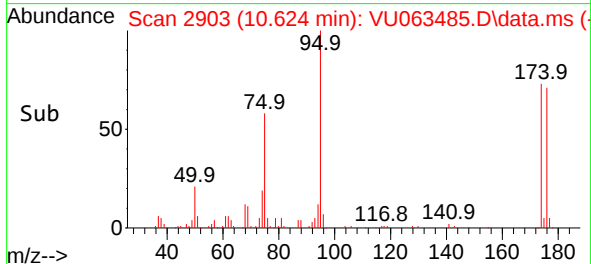
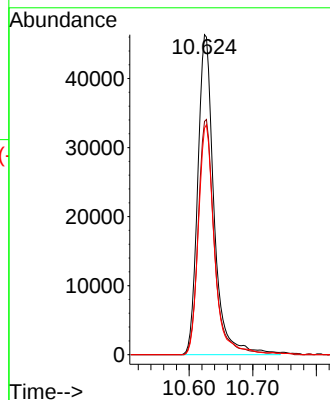
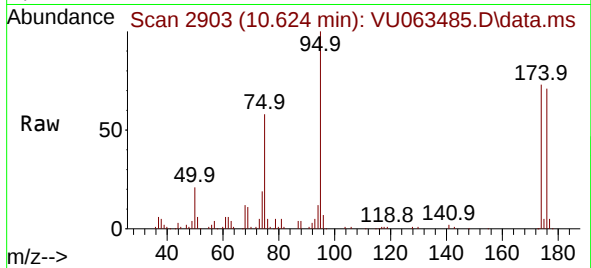




#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

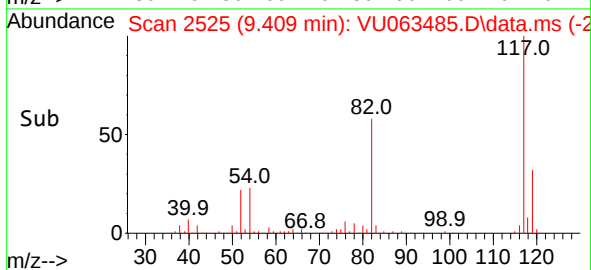
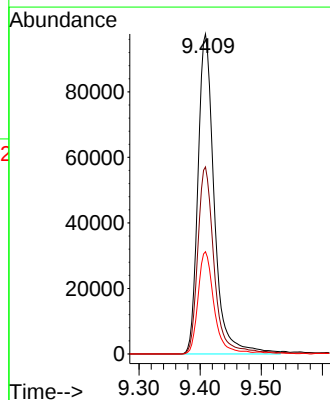
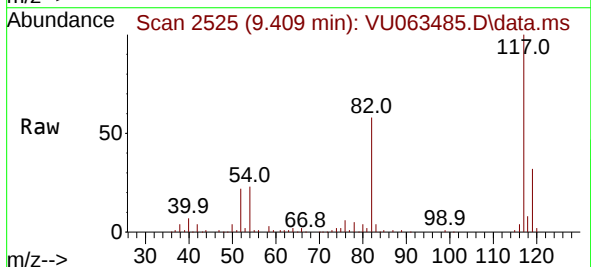
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

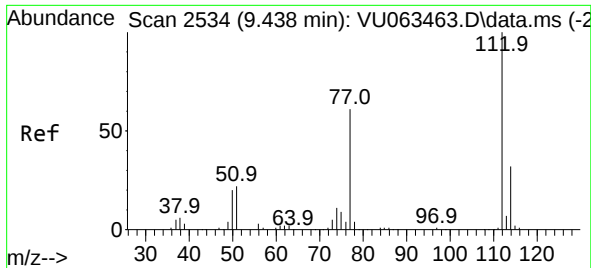
Tgt Ion: 95 Resp: 82356
Ion Ratio Lower Upper
95 100
174 72.9 0.0 153.6
176 70.9 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 117 Resp: 181318
Ion Ratio Lower Upper
117 100
82 58.4 47.1 70.7
119 31.9 25.4 38.0

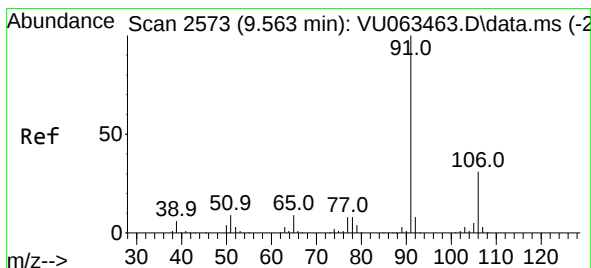
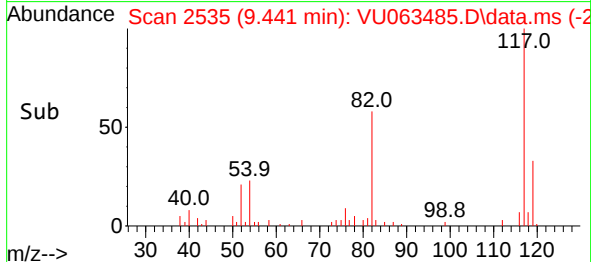
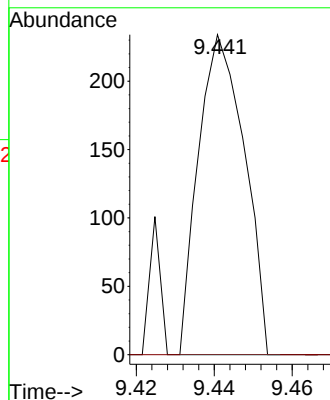
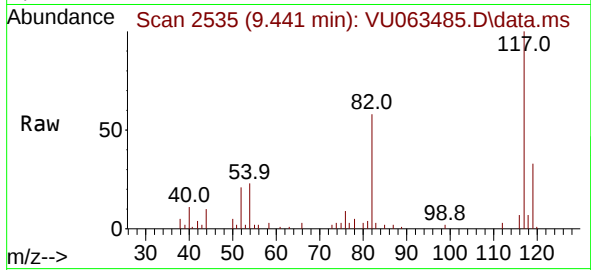




#65
Chlorobenzene
Concen: 0.051 ug/l
RT: 9.441 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

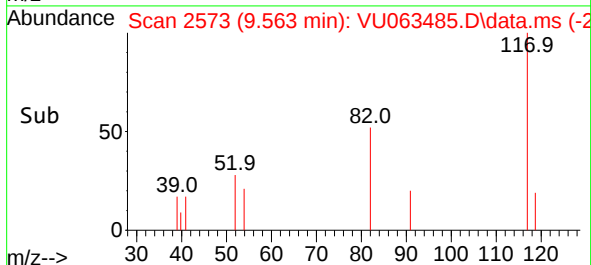
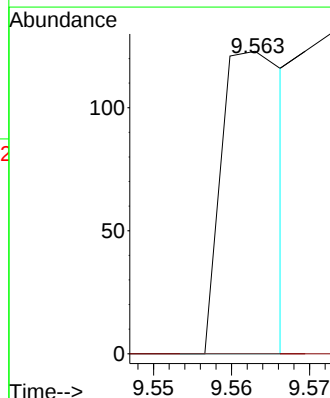
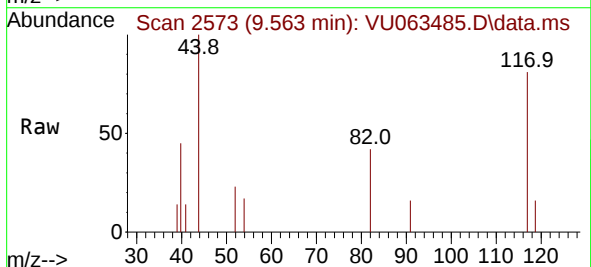
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

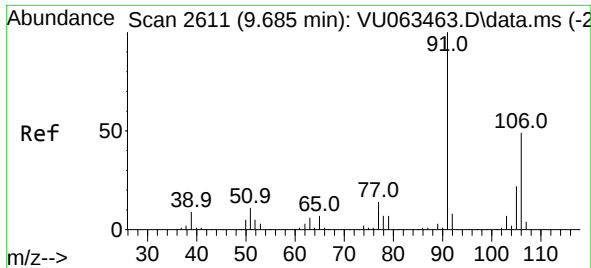
Tgt Ion:112 Resp: 192
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 0.011 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 91 Resp: 69
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

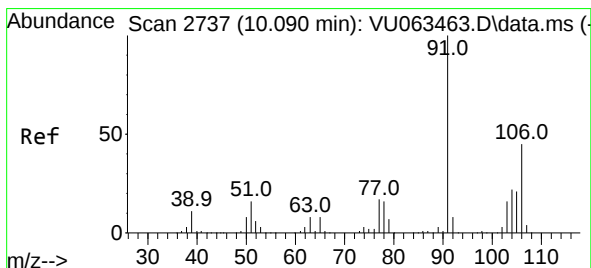
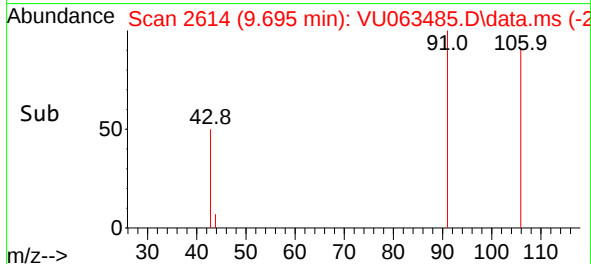
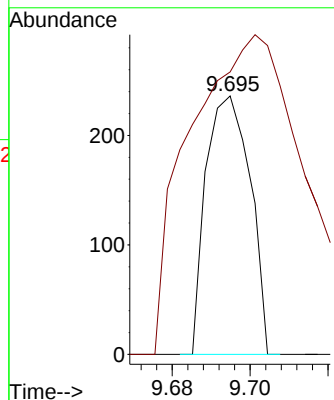
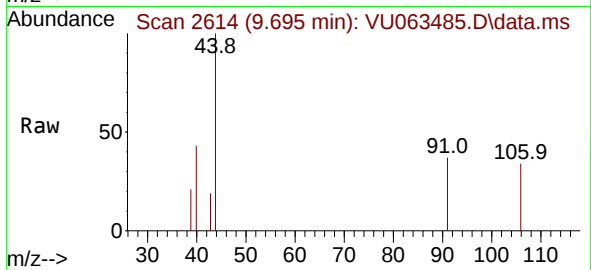




#68
m/p-Xylenes
Concen: 0.075 ug/l
RT: 9.695 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

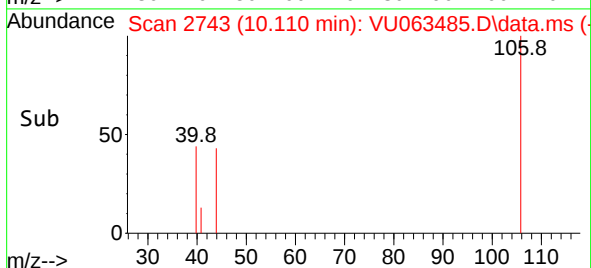
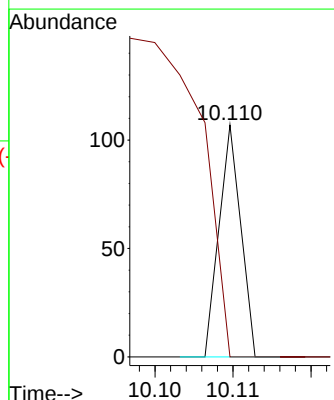
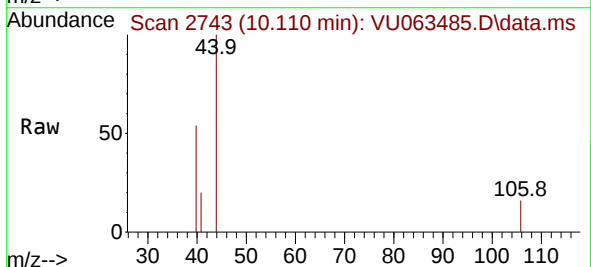
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

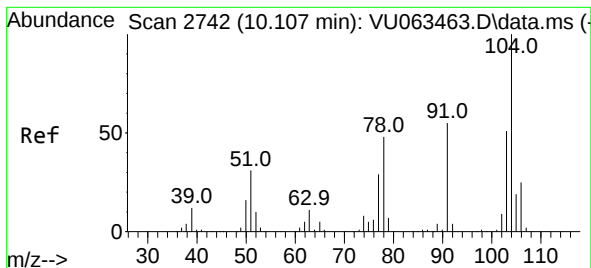
Tgt Ion:106 Resp: 186
Ion Ratio Lower Upper
106 100
91 309.7 163.6 245.4#



#69
o-Xylene
Concen: 0.008 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.019 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion:106 Resp: 21
Ion Ratio Lower Upper
106 100
91 600.0 110.7 331.9#





#70

Styrene

Concen: 0.018 ug/l

RT: 10.135 min Scan# 21

Delta R.T. 0.029 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL02

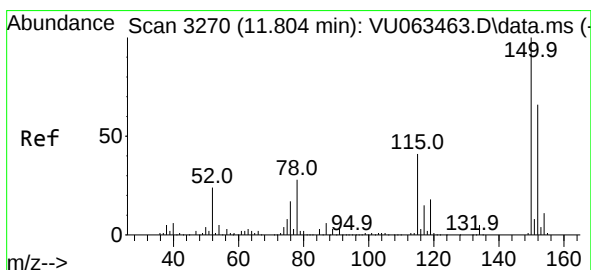
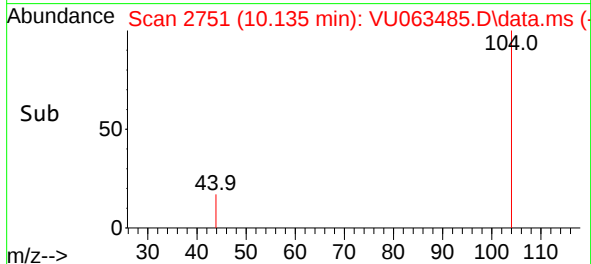
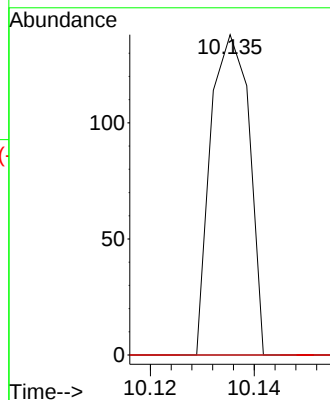
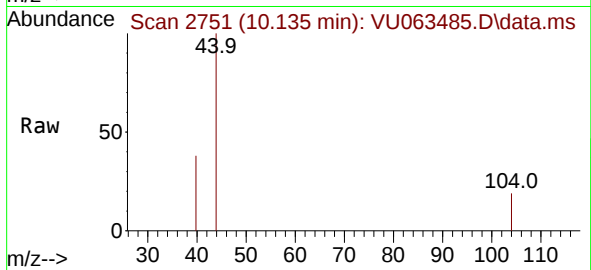
Tgt Ion:104 Resp: 71

Ion Ratio Lower Upper

104 100

78 0.0 41.4 62.0#

103 0.0 44.3 66.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

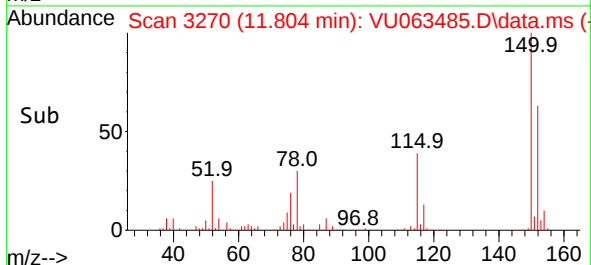
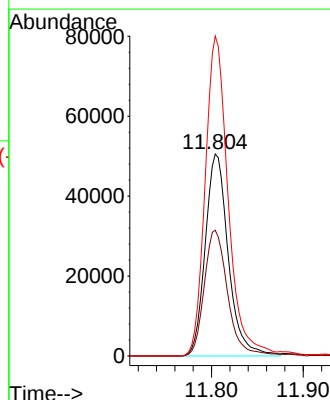
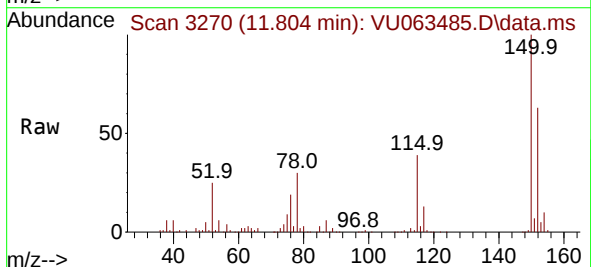
Tgt Ion:152 Resp: 88560

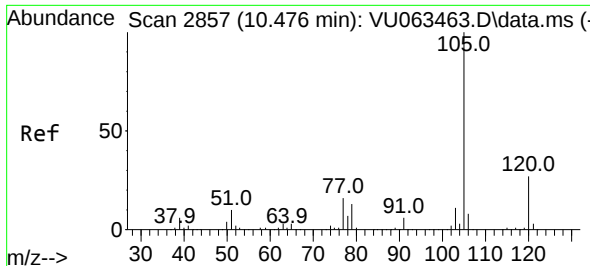
Ion Ratio Lower Upper

152 100

115 63.1 43.4 130.2

150 157.1 0.0 341.4

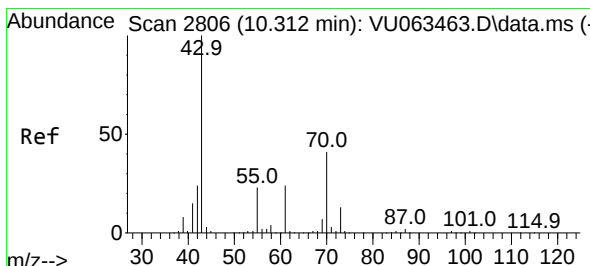
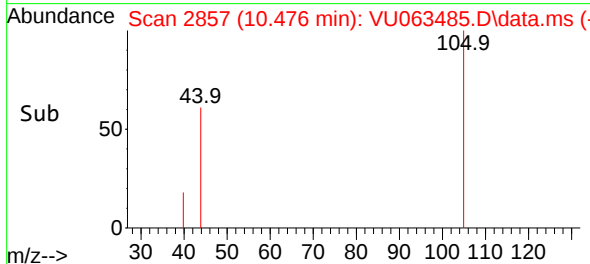
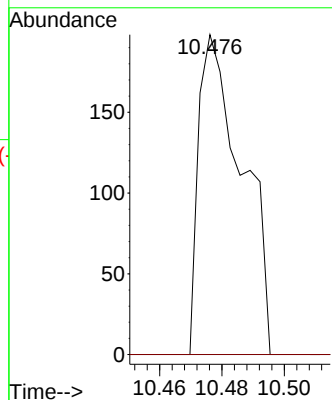
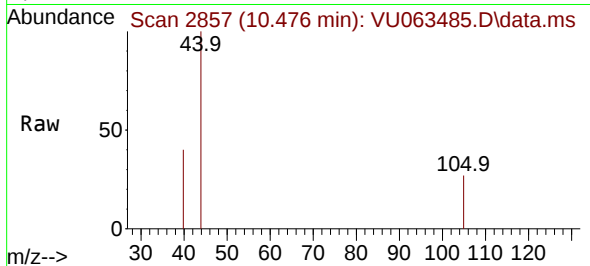




#73
Isopropylbenzene
Concen: 0.032 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

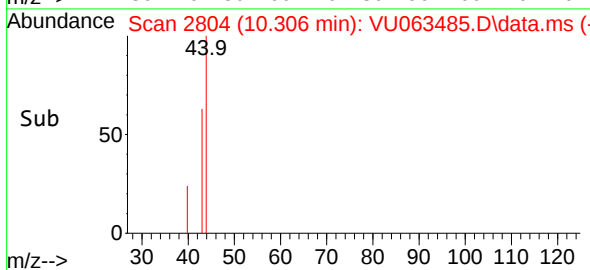
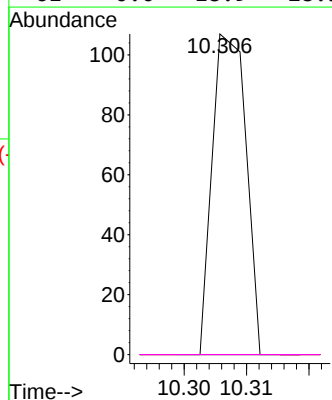
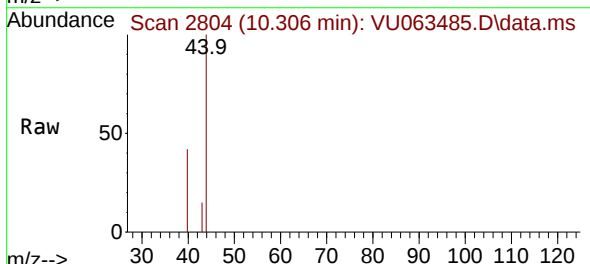
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

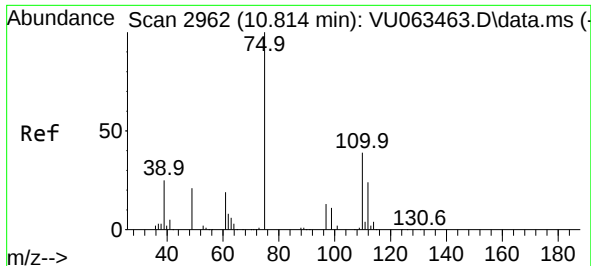
Tgt Ion:105 Resp: 192
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#



#74
N-ethyl acetate
Concen: 0.015 ug/l
RT: 10.306 min Scan# 2804
Delta R.T. -0.007 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
70 0.0 32.6 48.8#
55 0.0 18.6 27.8#
61 0.0 18.9 28.3#

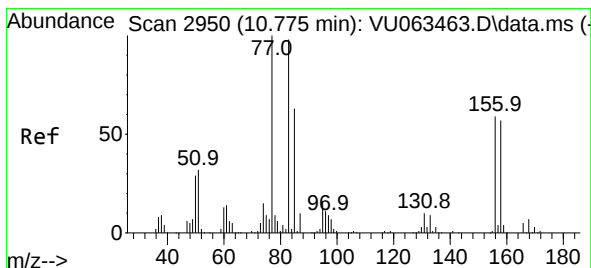
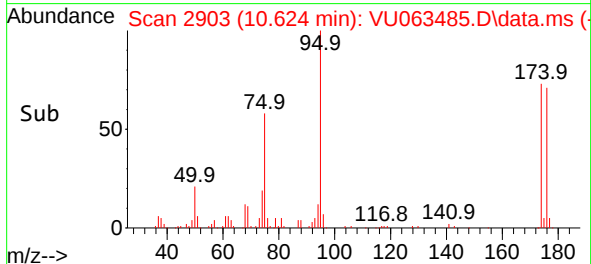
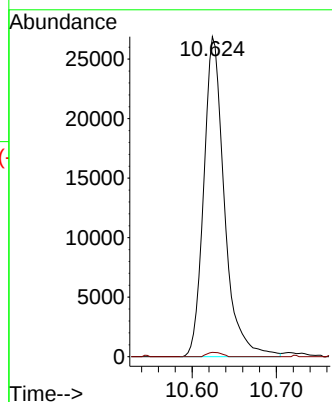
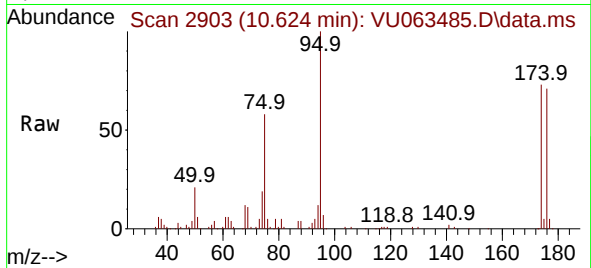




#76
1,2,3-Trichloropropane
Concen: 19.574 ug/l
RT: 10.624 min Scan# 2948
Delta R.T. -0.190 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

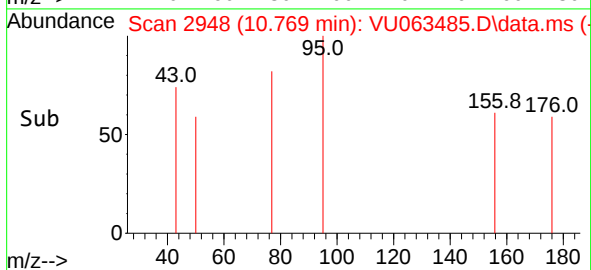
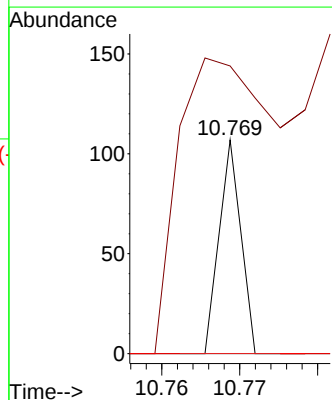
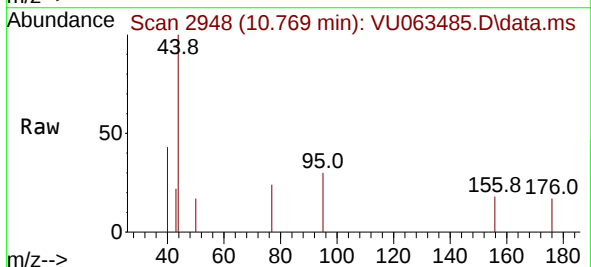
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

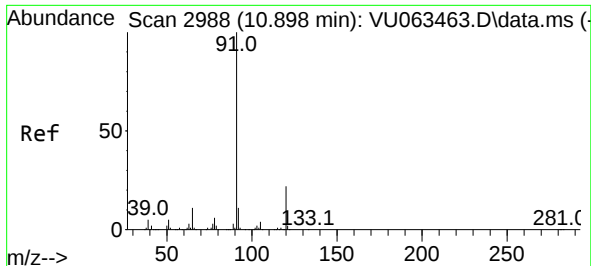
Tgt Ion: 75 Resp: 45933
Ion Ratio Lower Upper
75 100
77 1.0 3.1 9.4#



#77
Bromobenzene
Concen: 0.014 ug/l
RT: 10.769 min Scan# 2948
Delta R.T. -0.007 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion:156 Resp: 21
Ion Ratio Lower Upper
156 100
77 595.2 78.2 234.6#
158 0.0 46.8 140.4#

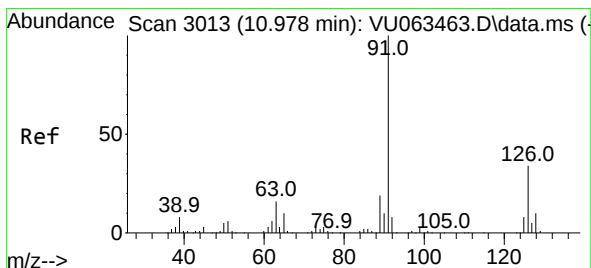
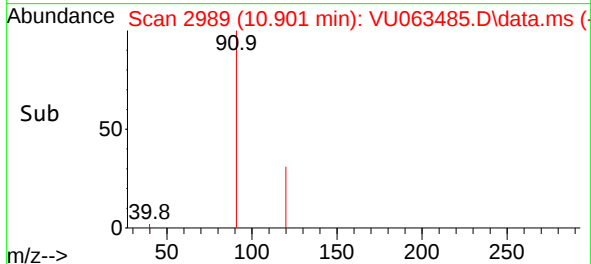
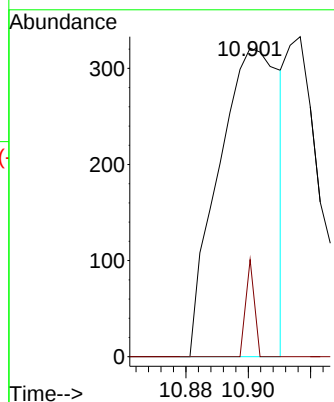
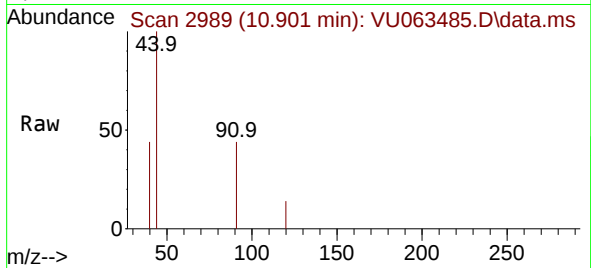




#78
n-propylbenzene
Concen: 0.062 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

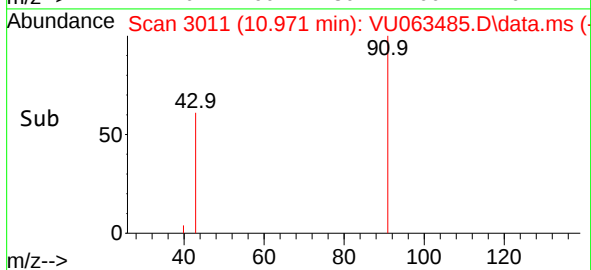
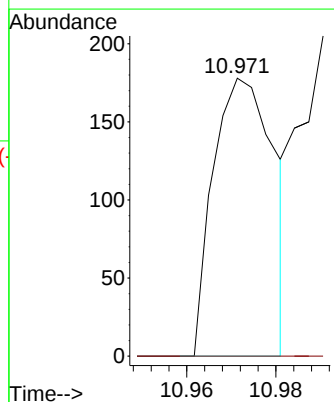
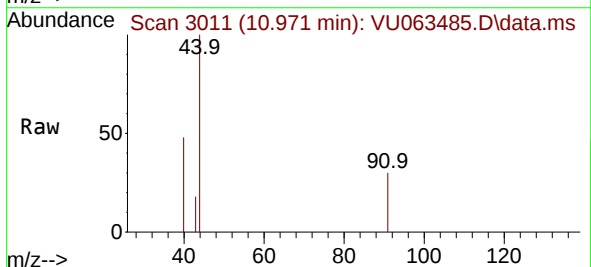
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

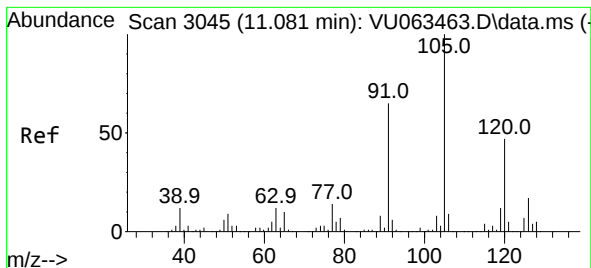
Tgt Ion: 91 Resp: 435
Ion Ratio Lower Upper
91 100
120 4.4 11.5 34.4#



#79
2-Chlorotoluene
Concen: 0.039 ug/l
RT: 10.971 min Scan# 3011
Delta R.T. -0.007 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 91 Resp: 169
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.021 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

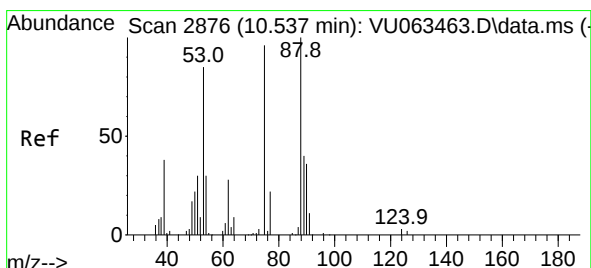
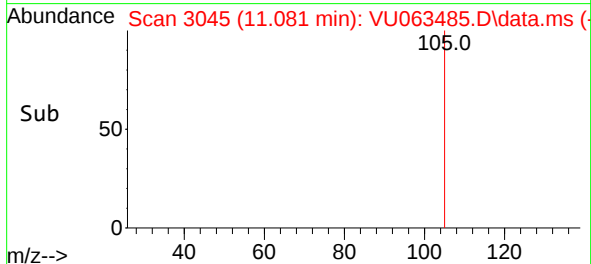
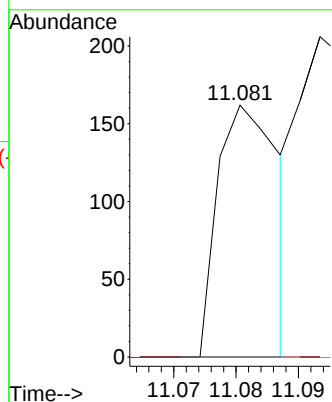
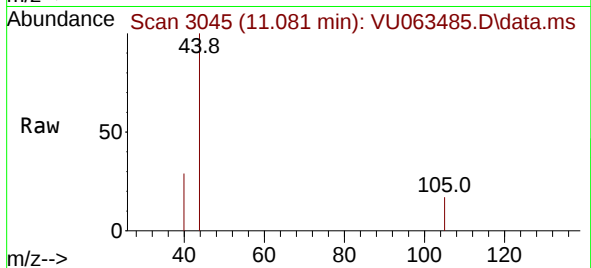
VU0711WBL02

Tgt Ion:105 Resp: 110

Ion Ratio Lower Upper

105 100

120 0.0 23.4 70.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.623 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.087 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

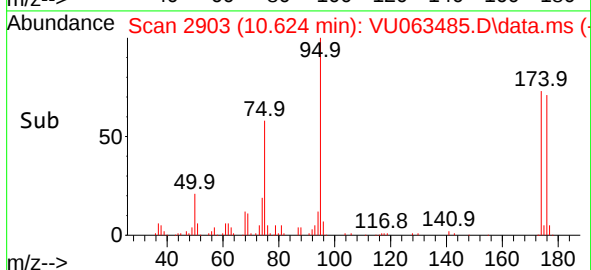
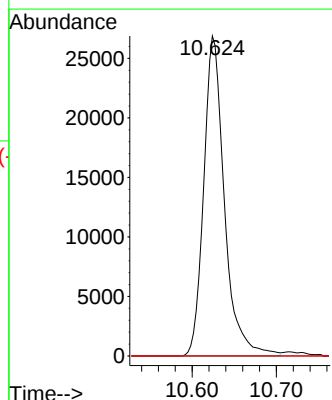
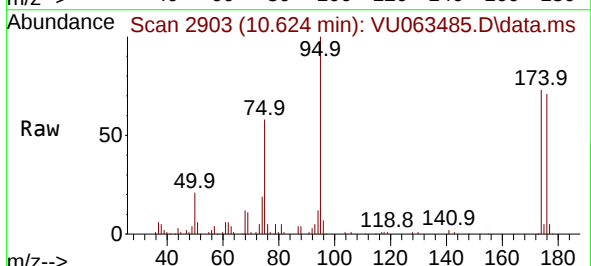
Tgt Ion: 75 Resp: 45933

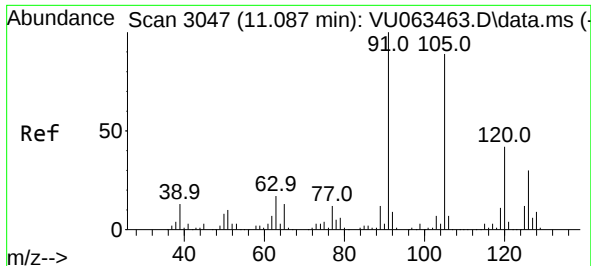
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.0 36.3 54.5#

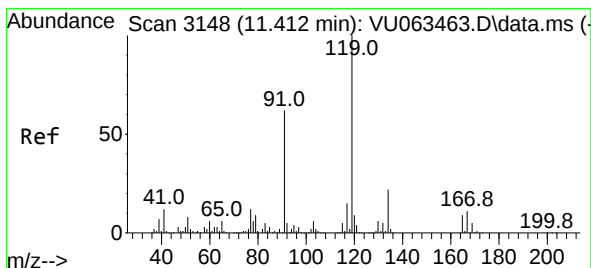
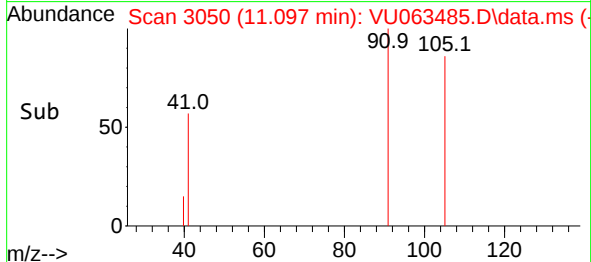
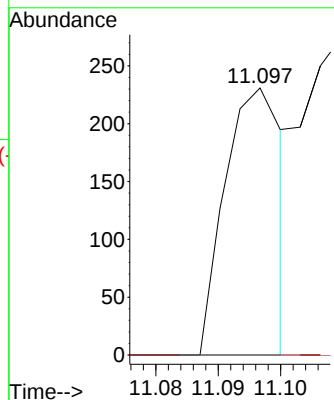
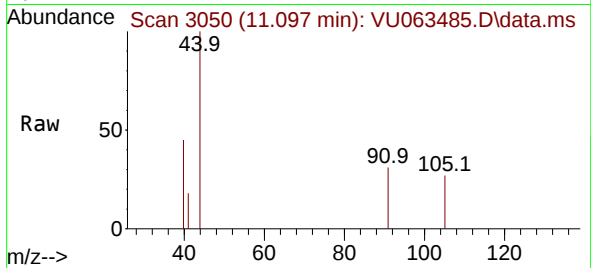




#82
4-Chlorotoluene
Concen: 0.030 ug/l
RT: 11.097 min Scan# 3047
Delta R.T. 0.009 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

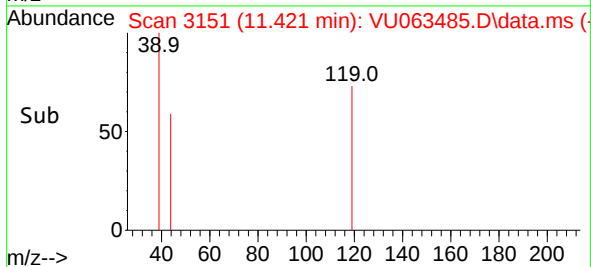
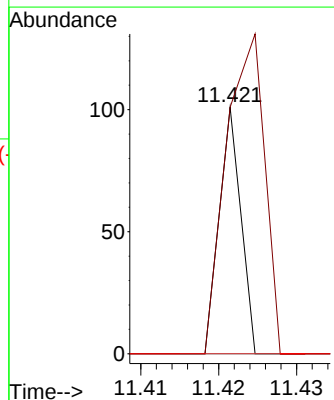
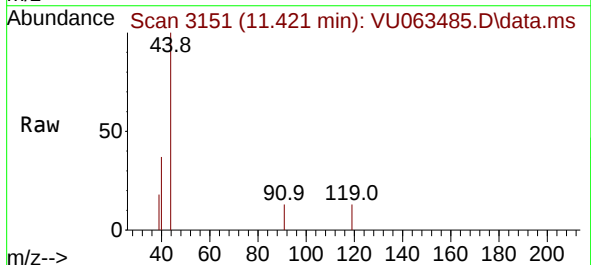
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

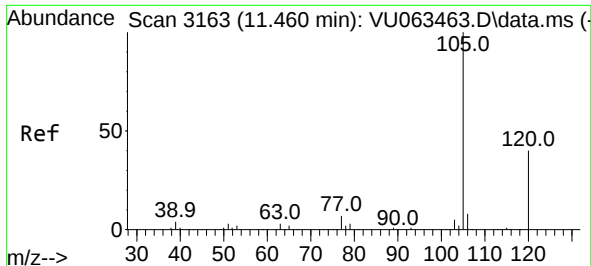
Tgt Ion: 91 Resp: 148
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#



#83
tert-Butylbenzene
Concen: 0.004 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. 0.009 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 119 Resp: 19
Ion Ratio Lower Upper
119 100
91 236.8 30.3 91.0#
134 0.0 11.2 33.6#

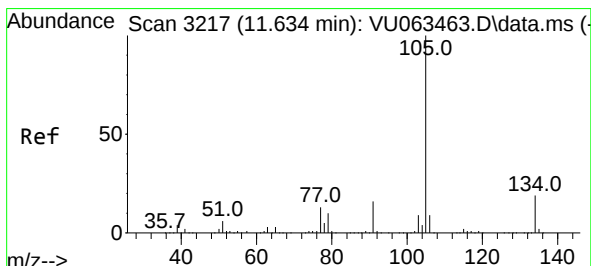
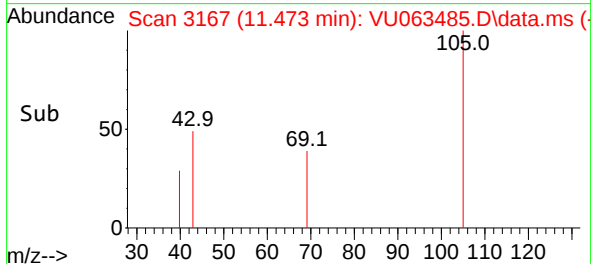
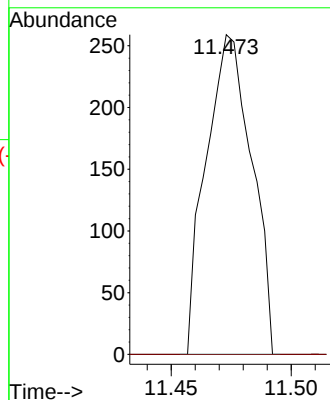
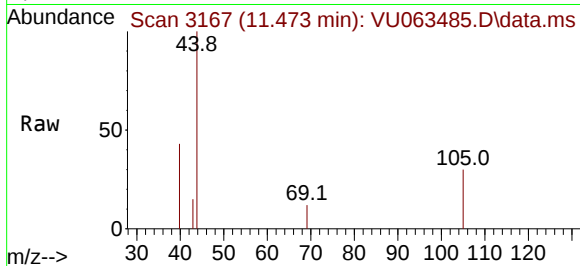




#84
1,2,4-Trimethylbenzene
Concen: 0.066 ug/l
RT: 11.473 min Scan# 3167
Delta R.T. 0.013 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

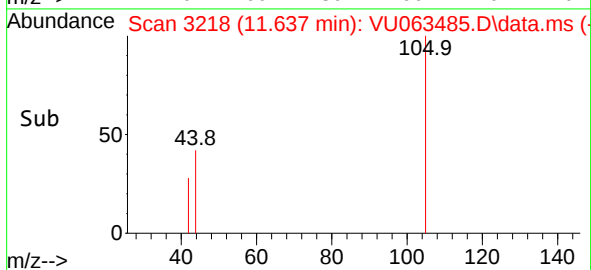
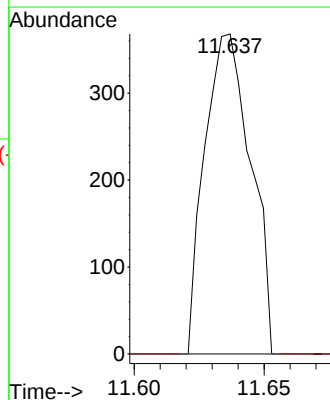
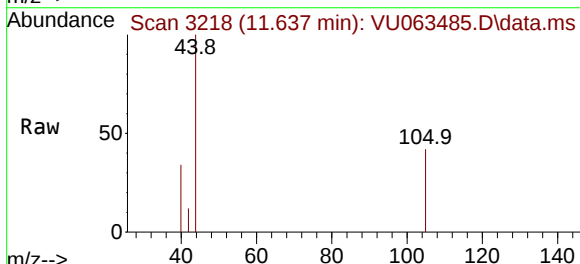
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

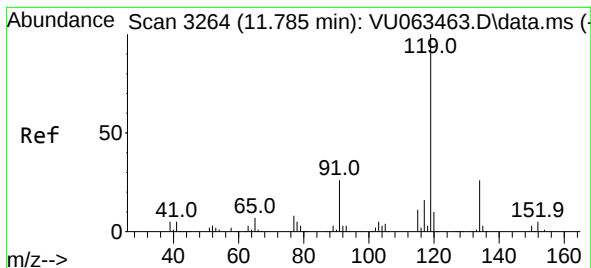
Tgt Ion:105 Resp: 342
Ion Ratio Lower Upper
105 100
120 0.0 22.1 66.3#



#85
sec-Butylbenzene
Concen: 0.068 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.003 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion:105 Resp: 454
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 0.077 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.006 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL02

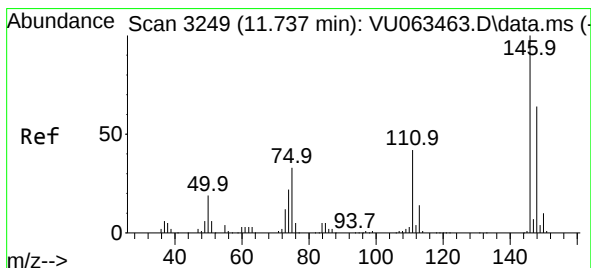
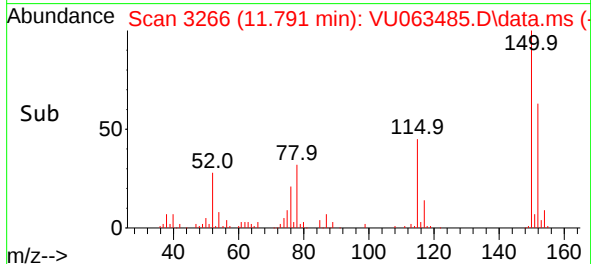
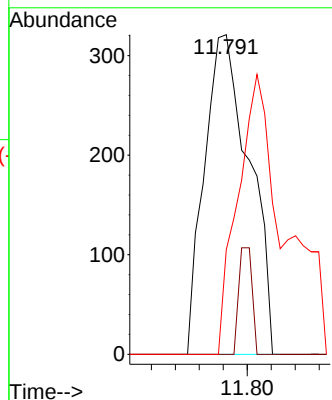
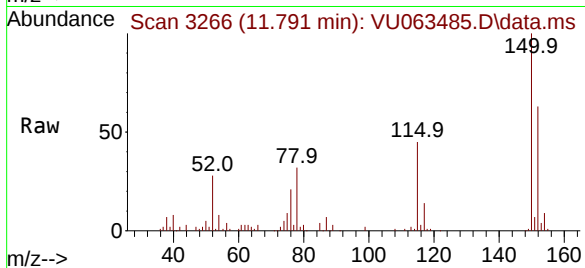
Tgt Ion:119 Resp: 416

Ion Ratio Lower Upper

119 100

134 9.9 13.0 38.9#

91 71.9 13.0 38.9#



#87

1,3-Dichlorobenzene

Concen: 0.123 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

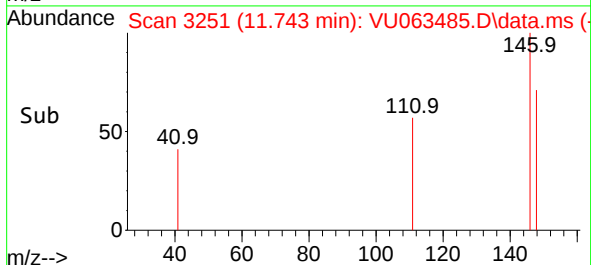
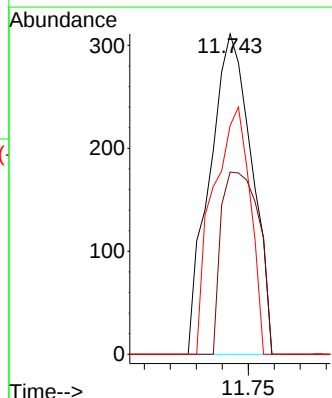
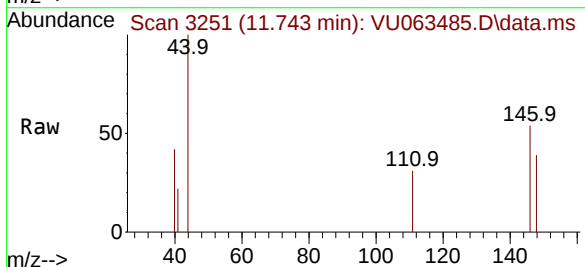
Tgt Ion:146 Resp: 350

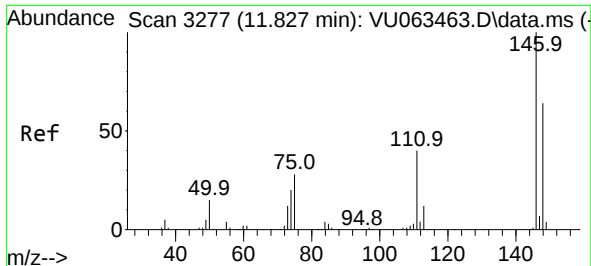
Ion Ratio Lower Upper

146 100

111 51.1 20.9 62.7

148 68.0 31.9 95.9

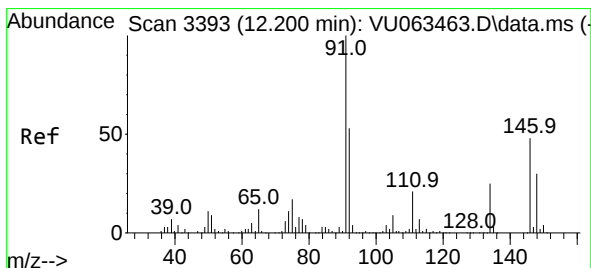
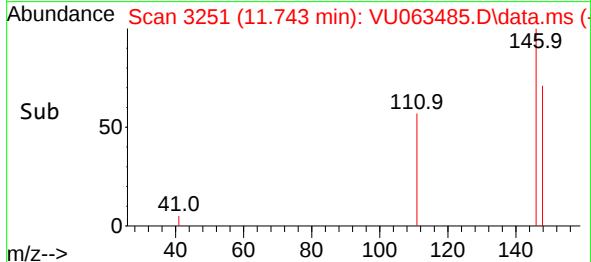
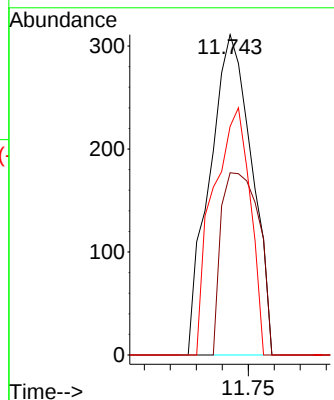
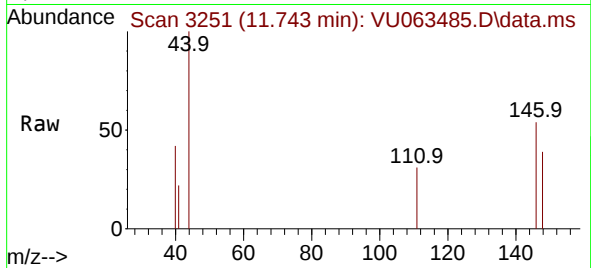




#88
1,4-Dichlorobenzene
Concen: 0.121 ug/l
RT: 11.743 min Scan# 311
Delta R.T. -0.084 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

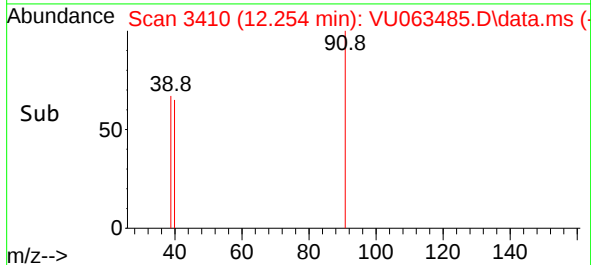
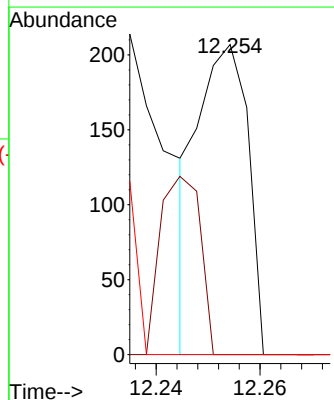
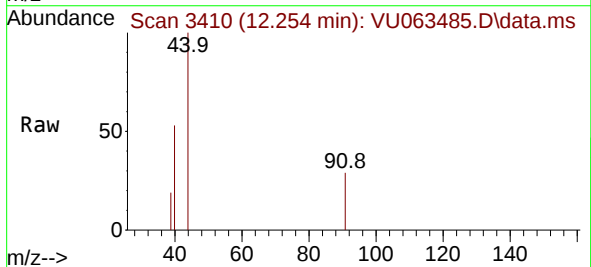
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

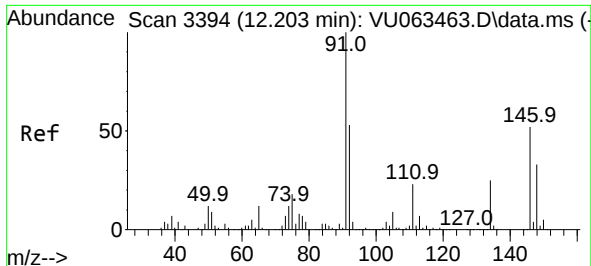
Tgt Ion:146 Resp: 350
Ion Ratio Lower Upper
146 100
111 51.1 20.8 62.4
148 68.0 31.9 95.9



#89
n-Butylbenzene
Concen: 0.028 ug/l
RT: 12.254 min Scan# 3410
Delta R.T. 0.054 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion: 91 Resp: 138
Ion Ratio Lower Upper
91 100
92 46.4 26.4 79.2
134 31.2 12.4 37.0





#91

1,2-Dichlorobenzene

Concen: 0.064 ug/l

RT: 12.219 min Scan# 31

Delta R.T. 0.016 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL02

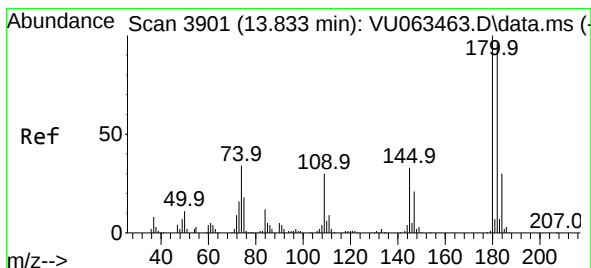
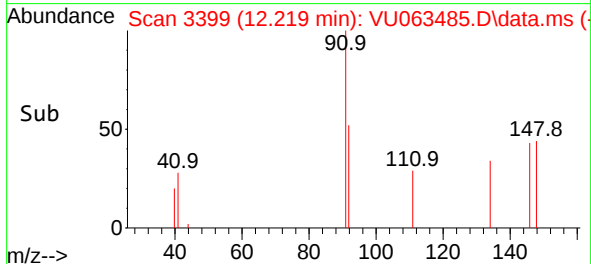
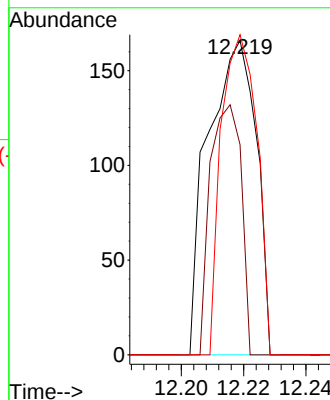
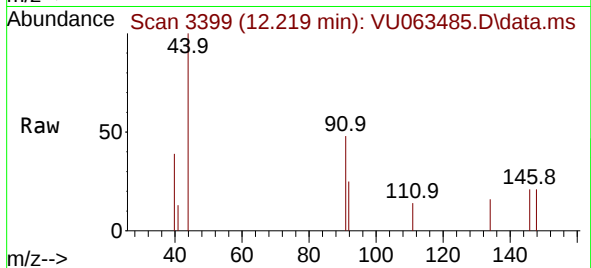
Tgt Ion:146 Resp: 177

Ion Ratio Lower Upper

146 100

111 51.4 21.9 65.5

148 75.7 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 0.286 ug/l

RT: 13.849 min Scan# 3906

Delta R.T. 0.016 min

Lab File: VU063485.D

Acq: 11 Jul 2025 10:02

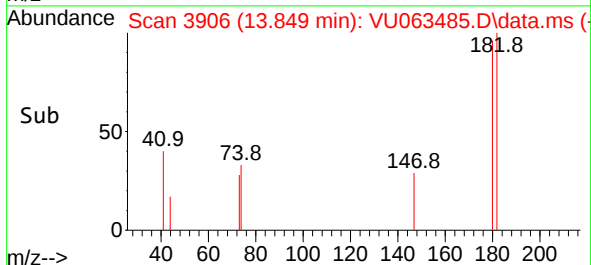
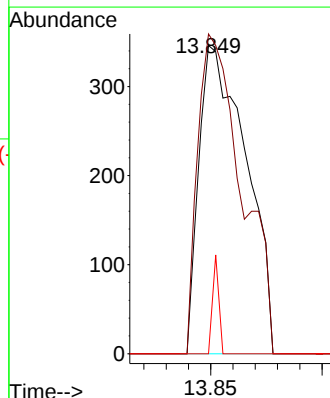
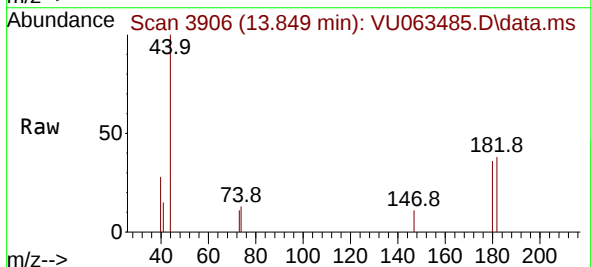
Tgt Ion:180 Resp: 509

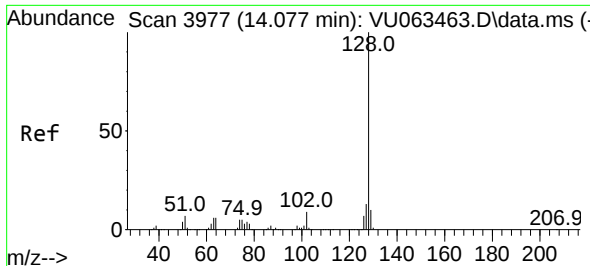
Ion Ratio Lower Upper

180 100

182 96.9 47.7 143.1

145 4.1 16.6 49.7#

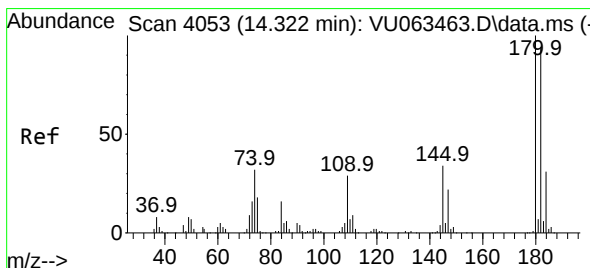
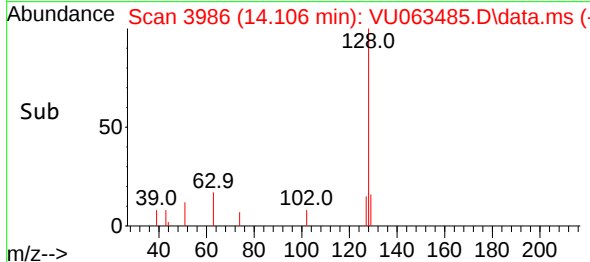
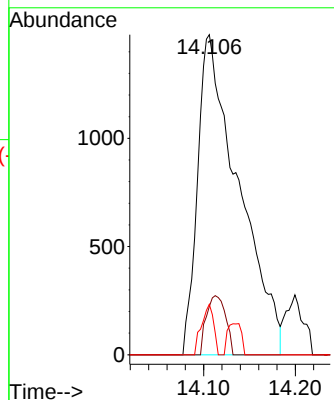
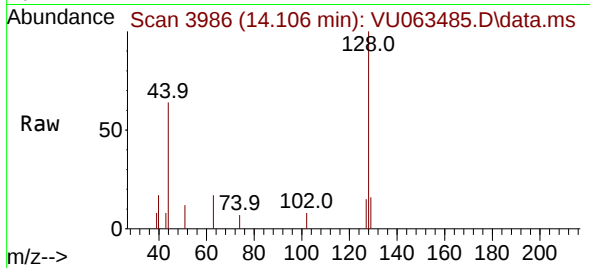




#95
Naphthalene
Concen: 0.785 ug/l
RT: 14.106 min Scan# 3986
Delta R.T. 0.029 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL02

Tgt Ion:128 Resp: 4572
Ion Ratio Lower Upper
128 100
127 8.6 10.2 15.4#
129 4.7 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.275 ug/l
RT: 14.338 min Scan# 4058
Delta R.T. 0.016 min
Lab File: VU063485.D
Acq: 11 Jul 2025 10:02

Tgt Ion:180 Resp: 481
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 8.7 17.2 51.5#

