

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063486.D
 Acq On : 11 Jul 2025 10:23
 Operator : MD/SY
 Sample : VU0711WBS01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Quant Time: Jul 12 03:46:03 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	5.357	168	106337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	201807	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	184725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	99757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	75839	55.898	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.800%	
35) Dibromofluoromethane	5.274	113	62606	51.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	7.888	98	195297	49.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	10.624	95	87468	50.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17501	20.694	ug/l	98
3) Chloromethane	1.518	50	20625	20.022	ug/l	97
4) Vinyl Chloride	1.599	62	24466	21.420	ug/l	97
5) Bromomethane	1.846	94	19344	24.172	ug/l	97
6) Chloroethane	1.923	64	17518	21.168	ug/l	99
7) Trichlorofluoromethane	2.129	101	41126	22.319	ug/l	99
8) Diethyl Ether	2.370	74	16510	21.499	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.566	101	24117	22.128	ug/l	97
10) Methyl Iodide	2.708	142	22169	19.474	ug/l	94
11) Tert butyl alcohol	3.190	59	61884	136.041	ug/l	100
12) 1,1-Dichloroethene	2.566	96	21958	21.643	ug/l	97
13) Acrolein	2.480	56	6193	96.453	ug/l	88
14) Allyl chloride	2.907	41	52902	21.906	ug/l	99
15) Acrylonitrile	3.303	53	129109	132.504	ug/l	99
16) Acetone	2.618	43	124480	109.375	ug/l	99
17) Carbon Disulfide	2.775	76	43391	17.892	ug/l	99
18) Methyl Acetate	2.939	43	76620	26.160	ug/l	98
19) Methyl tert-butyl Ether	3.357	73	101660	23.234	ug/l	98
20) Methylene Chloride	3.026	84	29766	17.937	ug/l	94
21) trans-1,2-Dichloroethene	3.332	96	24267	22.264	ug/l	92
22) Diisopropyl ether	3.988	45	90343	21.971	ug/l	94
23) Vinyl Acetate	3.946	43	356485	111.731	ug/l	99
24) 1,1-Dichloroethane	3.846	63	53086	22.748	ug/l	99
25) 2-Butanone	4.705	43	157698	123.430	ug/l	98
26) 2,2-Dichloropropane	4.647	77	45810	22.563	ug/l	95
27) cis-1,2-Dichloroethene	4.653	96	32301	22.451	ug/l	98
28) Bromochloromethane	4.955	49	23815	21.725	ug/l	97
29) Tetrahydrofuran	5.049	42	102410	127.068	ug/l	98
30) Chloroform	5.071	83	56905	23.096	ug/l	95
31) Cyclohexane	5.367	56	39454	21.031	ug/l	96
32) 1,1,1-Trichloroethane	5.296	97	47880	22.823	ug/l	97
36) 1,1-Dichloropropene	5.508	75	34251	20.722	ug/l	98
37) Ethyl Acetate	4.808	43	52728	19.698	ug/l	97
38) Carbon Tetrachloride	5.505	117	36073	19.807	ug/l	99
39) Methylcyclohexane	6.746	83	37270	18.661	ug/l	94
40) Benzene	5.759	78	107073	20.742	ug/l	99

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 ClientSampleId :
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Quant Time: Jul 12 03:46:03 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)
41) Methacrylonitrile	4.968	41	26670	21.115	ug/l	98
42) 1,2-Dichloroethane	5.785	62	42269	21.777	ug/l	96
43) Isopropyl Acetate	5.907	43	74466	20.943	ug/l	99
44) Trichloroethene	6.531	130	28081	20.328	ug/l	94
45) 1,2-Dichloropropane	6.779	63	31160	21.714	ug/l	97
46) Dibromomethane	6.907	93	22306	21.847	ug/l	97
47) Bromodichloromethane	7.094	83	45262	21.319	ug/l	95
48) Methyl methacrylate	6.955	41	35505	21.605	ug/l	97
49) 1,4-Dioxane	6.962	88	16214	449.619	ug/l	93
51) 4-Methyl-2-Pentanone	7.782	43	292482	113.651	ug/l	100
52) Toluene	7.959	92	69314	20.529	ug/l	94
53) t-1,3-Dichloropropene	8.200	75	36205	19.488	ug/l	100
54) cis-1,3-Dichloropropene	7.598	75	41809	20.103	ug/l	95
55) 1,1,2-Trichloroethane	8.389	97	31513	21.977	ug/l	93
56) Ethyl methacrylate	8.325	69	46565	20.131	ug/l	97
57) 1,3-Dichloropropane	8.566	76	50122	21.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.463	63	2736	113.911	ug/l #	88
59) 2-Hexanone	8.676	43	214389	110.141	ug/l	97
60) Dibromochloromethane	8.798	129	32966	20.523	ug/l	100
61) 1,2-Dibromoethane	8.913	107	29830	21.196	ug/l	98
64) Tetrachloroethene	8.540	164	27156	19.748	ug/l	98
65) Chlorobenzene	9.438	112	81248	21.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.521	131	27523	20.882	ug/l	96
67) Ethyl Benzene	9.560	91	137154	20.764	ug/l	100
68) m/p-Xylenes	9.685	106	103679	41.128	ug/l	98
69) o-Xylene	10.090	106	51676	20.163	ug/l	97
70) Styrene	10.106	104	86310	21.180	ug/l	98
71) Bromoform	10.280	173	22346	19.451	ug/l #	99
73) Isopropylbenzene	10.473	105	142143	20.941	ug/l	99
74) N-amyl acetate	10.312	43	61196	20.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	53301	21.333	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	56733	21.462	ug/l #	81
77) Bromobenzene	10.772	156	33608	20.199	ug/l	97
78) n-propylbenzene	10.897	91	162104	20.593	ug/l	98
79) 2-Chlorotoluene	10.974	91	103007	20.864	ug/l	100
80) 1,3,5-Trimethylbenzene	11.077	105	120675	20.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.534	75	10584	19.970	ug/l	93
82) 4-Chlorotoluene	11.087	91	117137	20.899	ug/l	97
83) tert-Butylbenzene	11.409	119	121297	21.304	ug/l	99
84) 1,2,4-Trimethylbenzene	11.457	105	117866	20.217	ug/l	99
85) sec-Butylbenzene	11.634	105	151758	20.200	ug/l	100
86) p-Isopropyltoluene	11.785	119	124651	20.451	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	66343	20.692	ug/l	97
88) 1,4-Dichlorobenzene	11.827	146	66031	20.200	ug/l	97
89) n-Butylbenzene	12.200	91	108819	19.290	ug/l	99
90) Hexachloroethane	12.466	117	19948	19.568	ug/l	97
91) 1,2-Dichlorobenzene	12.206	146	63980	20.464	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.987	75	13998	23.655	ug/l	93
93) 1,2,4-Trichlorobenzene	13.833	180	38343	19.150	ug/l	99
94) Hexachlorobutadiene	14.010	225	16379	19.137	ug/l	97
95) Naphthalene	14.077	128	126762	19.332	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	38419	19.525	ug/l	99

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Sample : VU0711WBS01
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

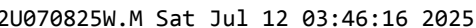
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

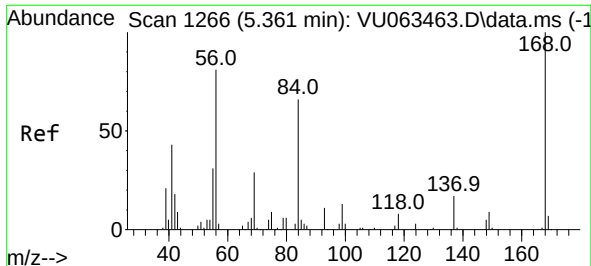
Quant Time: Jul 12 03:46:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

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

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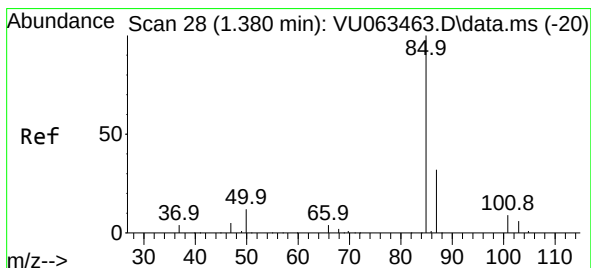
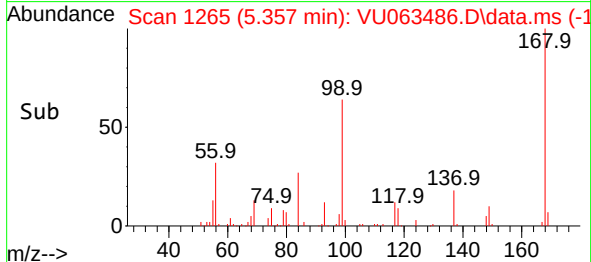
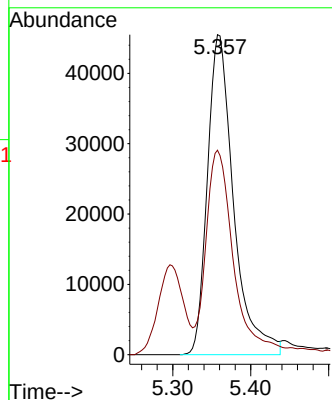
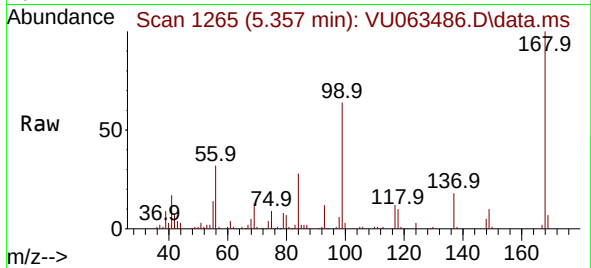




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063486.D
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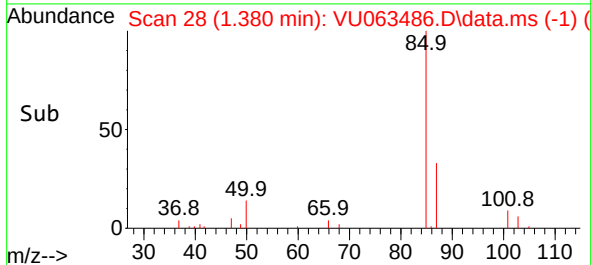
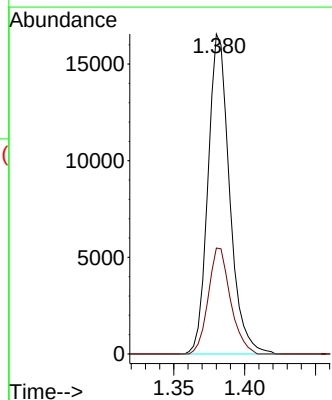
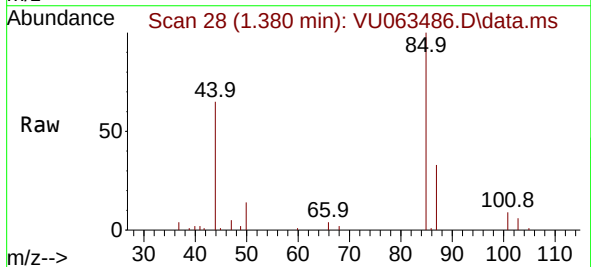
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

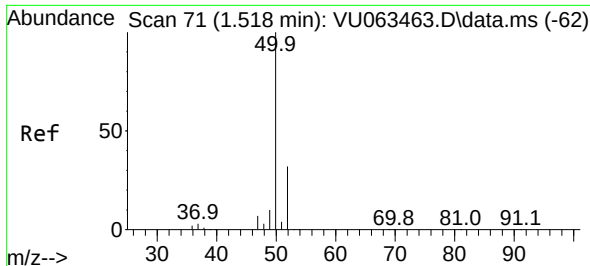
Tgt Ion:168 Resp: 106337
Ion Ratio Lower Upper
168 100
99 61.3 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 20.694 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 85 Resp: 17501
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

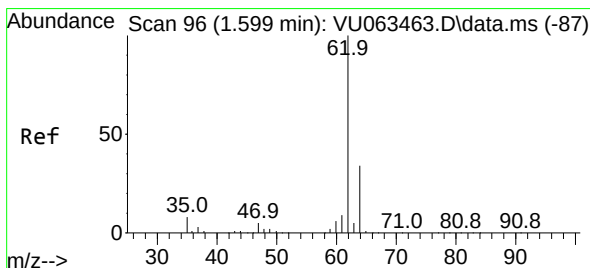
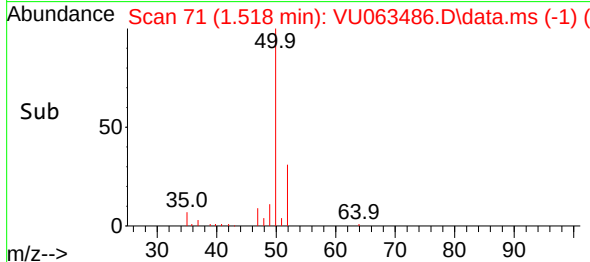
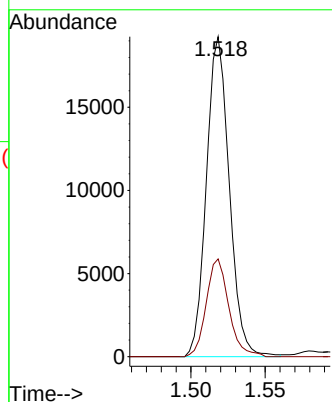
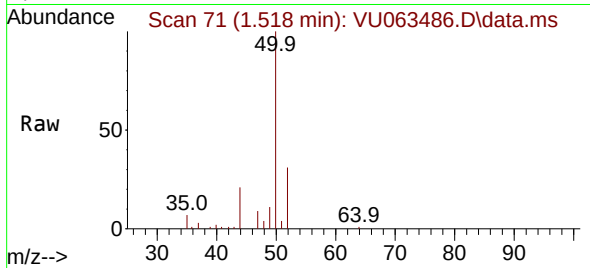




#3
Chloromethane
Concen: 20.022 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

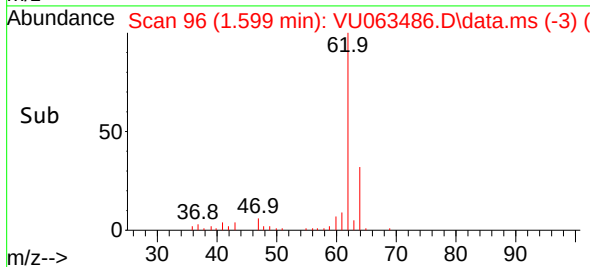
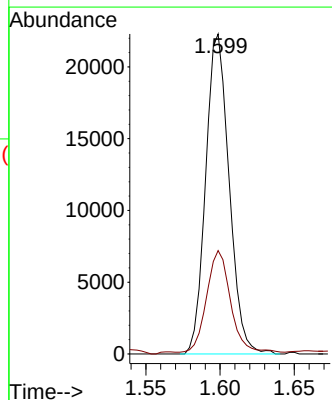
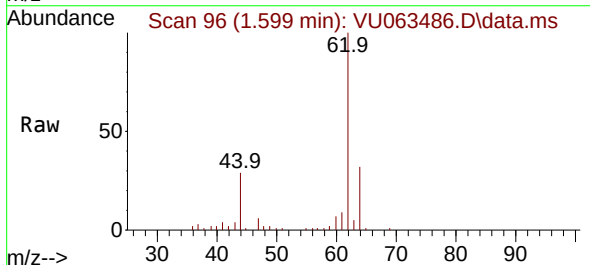
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

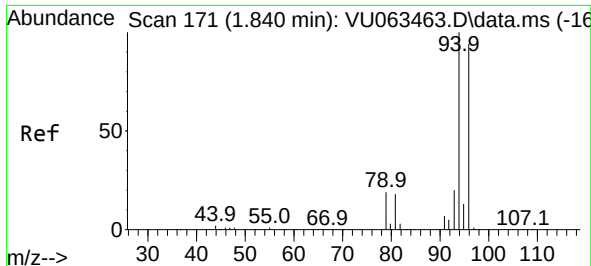
Tgt Ion: 50 Resp: 20625
Ion Ratio Lower Upper
50 100
52 30.6 25.8 38.8



#4
Vinyl Chloride
Concen: 21.420 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 62 Resp: 24466
Ion Ratio Lower Upper
62 100
64 31.8 26.9 40.3

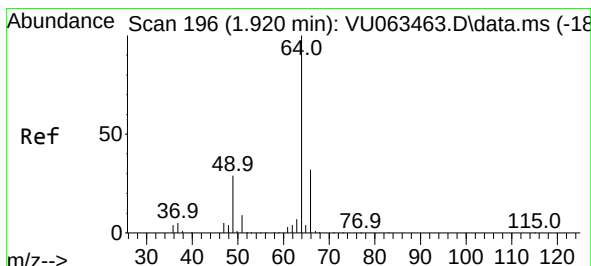
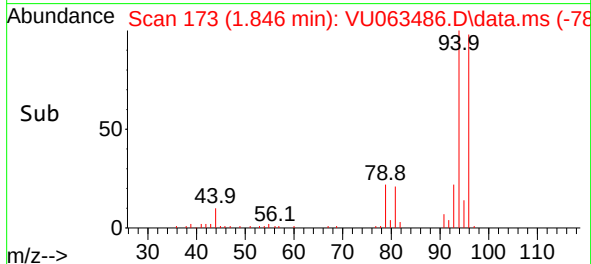
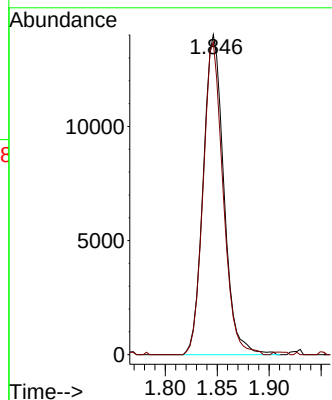
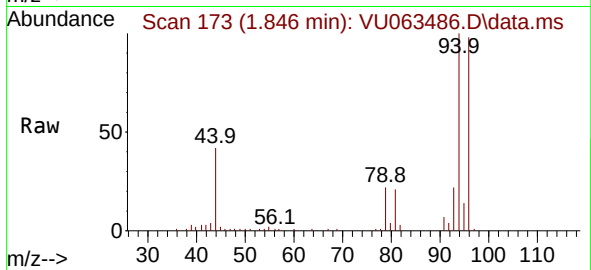




#5
Bromomethane
Concen: 24.172 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

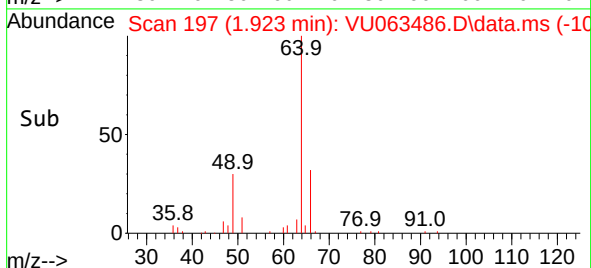
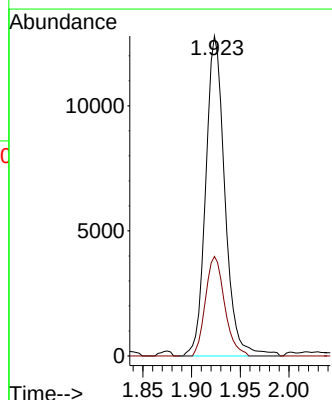
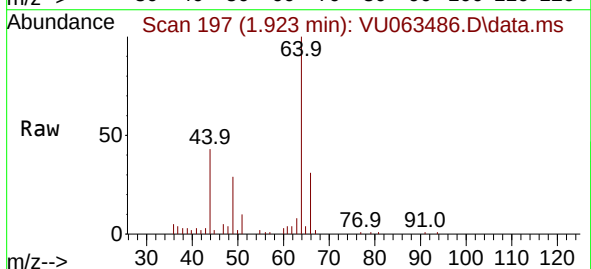
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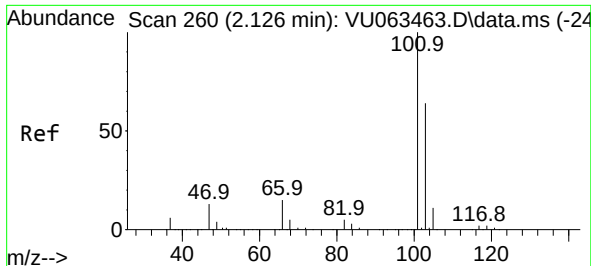
Tgt Ion: 94 Resp: 19344
Ion Ratio Lower Upper
94 100
96 97.8 75.5 113.3



#6
Chloroethane
Concen: 21.168 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 64 Resp: 17518
Ion Ratio Lower Upper
64 100
66 31.1 25.3 37.9

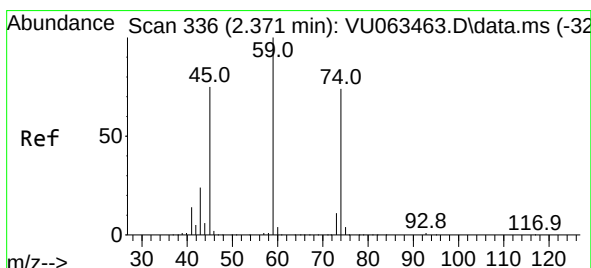
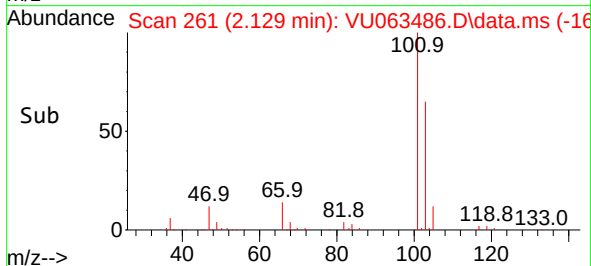
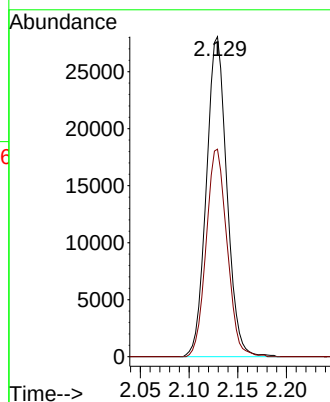
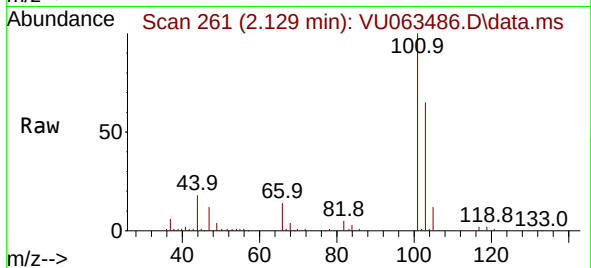




#7
Trichlorofluoromethane
Concen: 22.319 ug/l
RT: 2.129 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

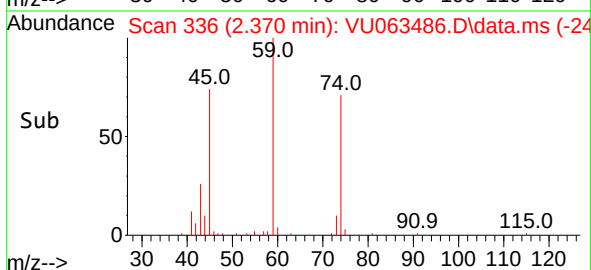
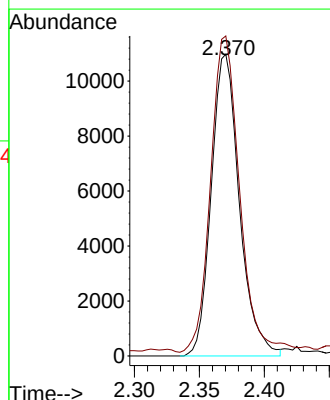
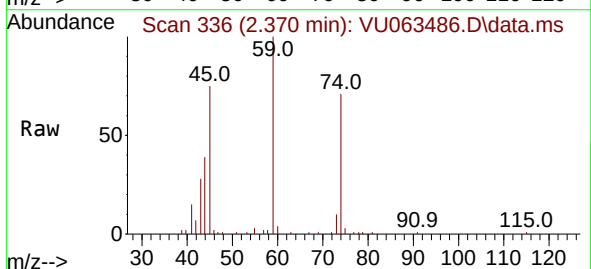
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MSVOA_U
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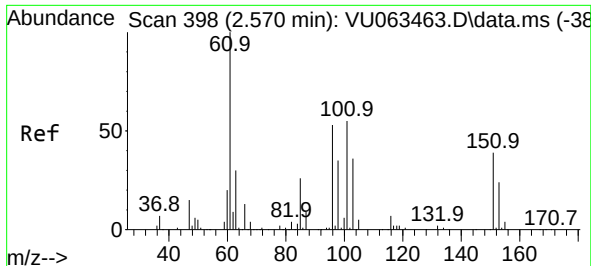
Tgt Ion:101 Resp: 41126
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7



#8
Diethyl Ether
Concen: 21.499 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 74 Resp: 16510
Ion Ratio Lower Upper
74 100
45 107.9 49.7 149.1

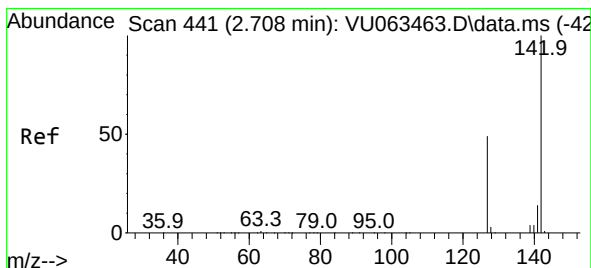
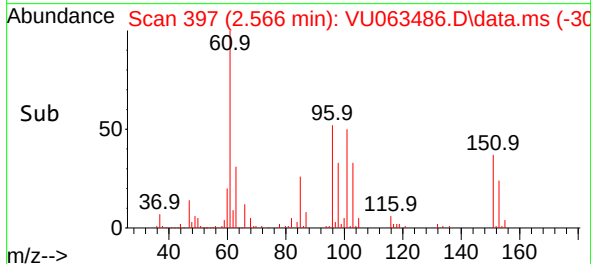
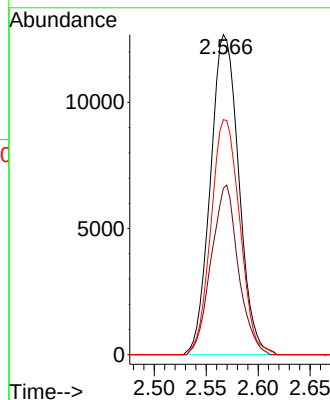
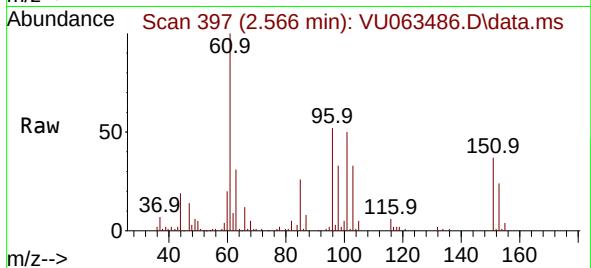




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.128 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

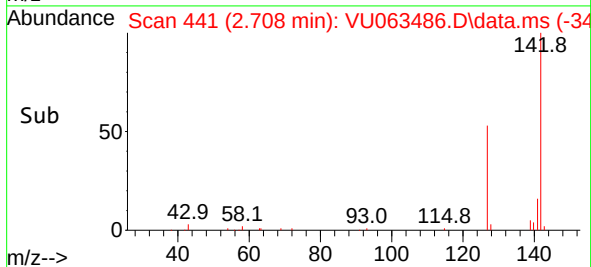
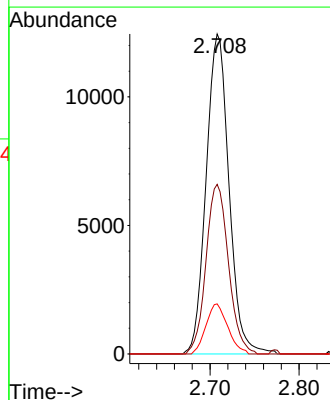
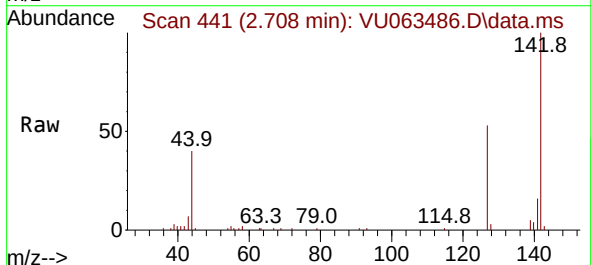
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

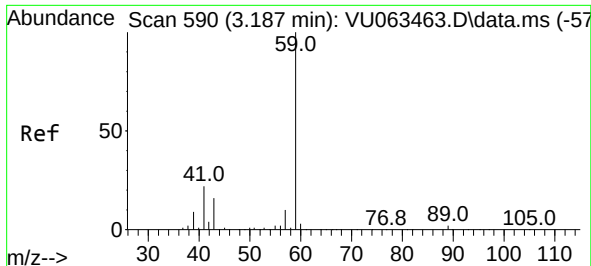
Tgt Ion:101 Resp: 24117
Ion Ratio Lower Upper
101 100
85 50.7 39.6 59.4
151 74.5 57.2 85.8



#10
Methyl Iodide
Concen: 19.474 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:142 Resp: 22169
Ion Ratio Lower Upper
142 100
127 52.1 38.2 57.4
141 14.9 11.1 16.7

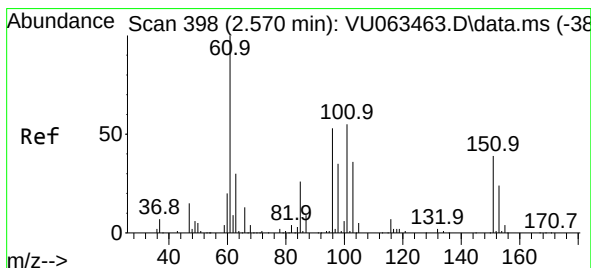
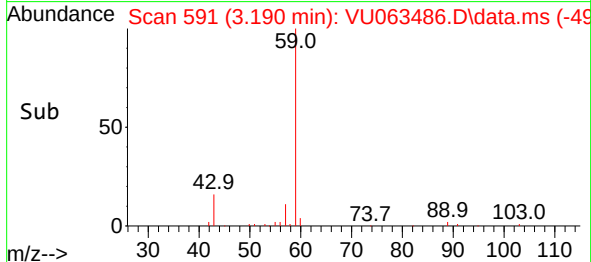
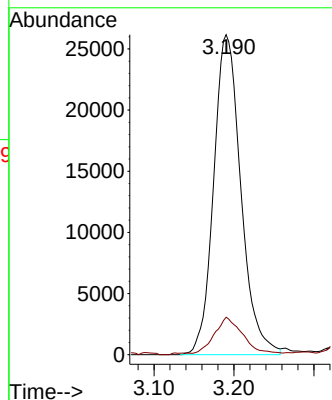
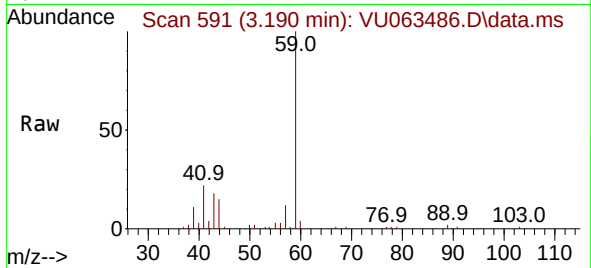




#11
Tert butyl alcohol
Concen: 136.041 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

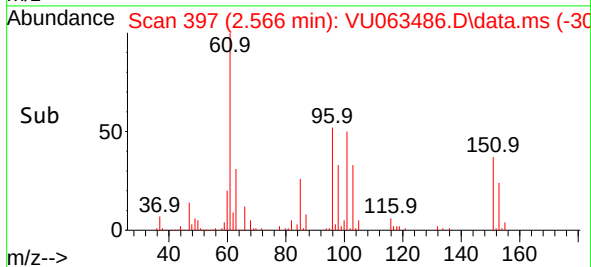
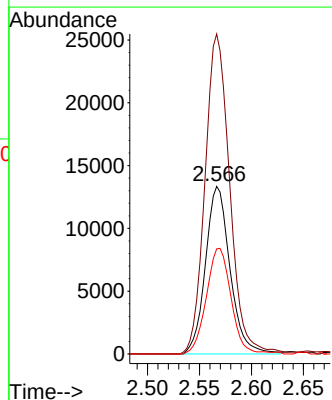
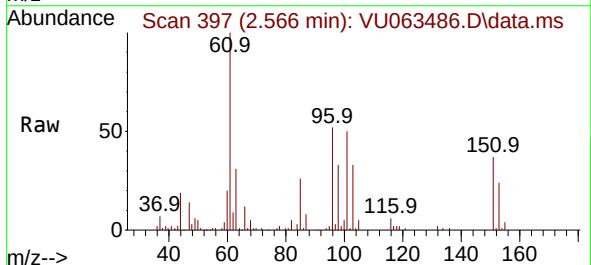
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

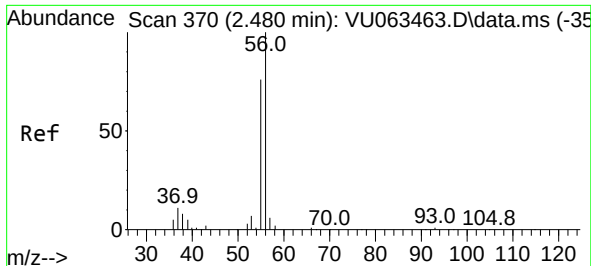
Tgt Ion: 59 Resp: 61884
Ion Ratio Lower Upper
59 100
57 11.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 21.643 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 96 Resp: 21958
Ion Ratio Lower Upper
96 100
61 191.0 149.6 224.4
98 62.7 52.0 78.0

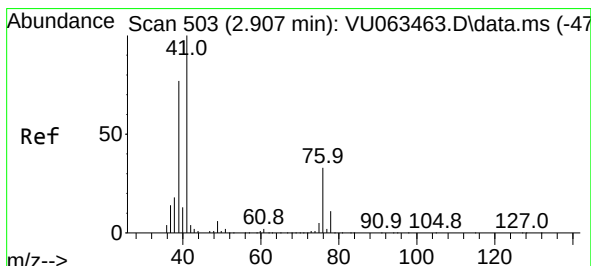
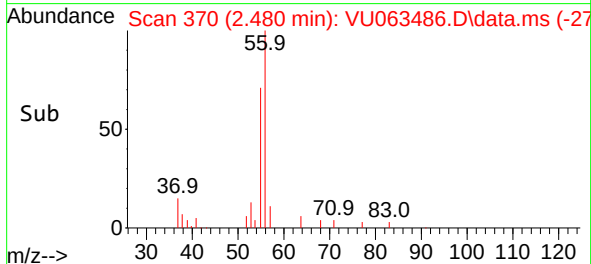
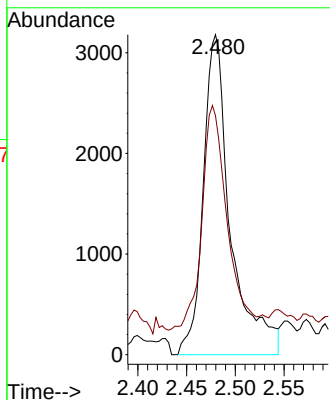
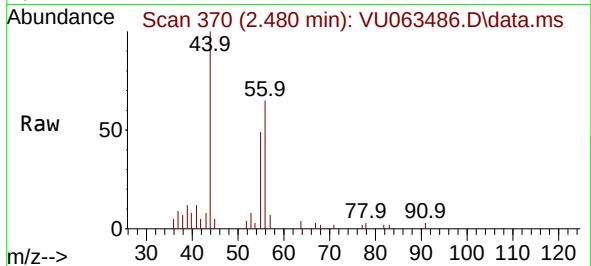




#13
Acrolein
Concen: 96.453 ug/l
RT: 2.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

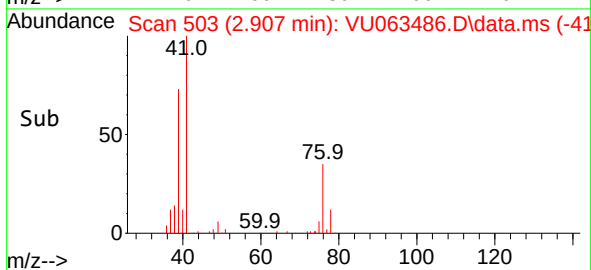
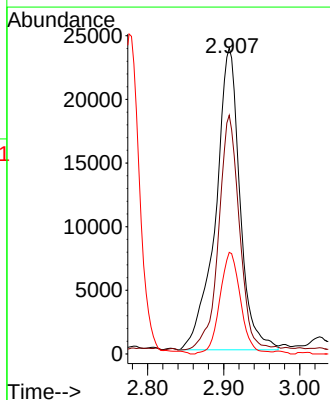
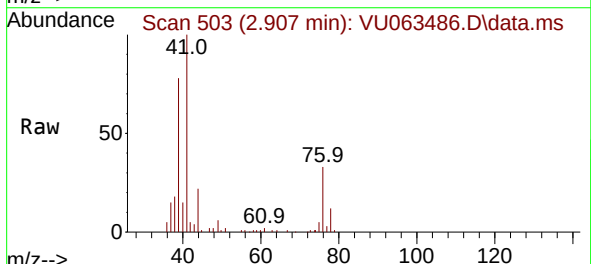
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

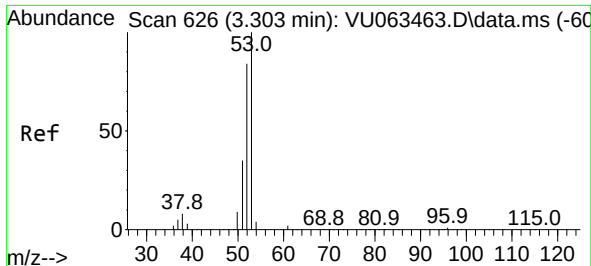
Tgt Ion: 56 Resp: 6193
Ion Ratio Lower Upper
56 100
55 65.0 60.2 90.2



#14
Allyl chloride
Concen: 21.906 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 41 Resp: 52902
Ion Ratio Lower Upper
41 100
39 66.3 53.9 80.9
76 28.5 23.1 34.7

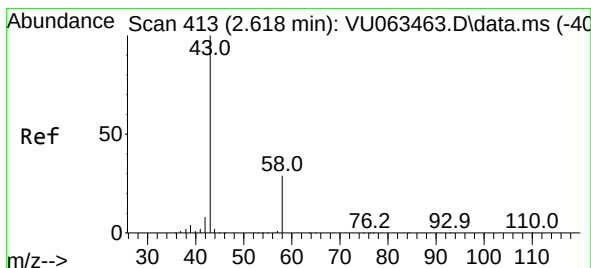
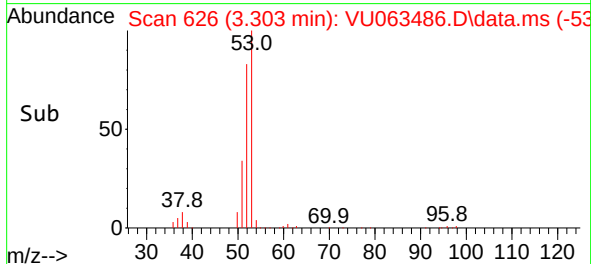
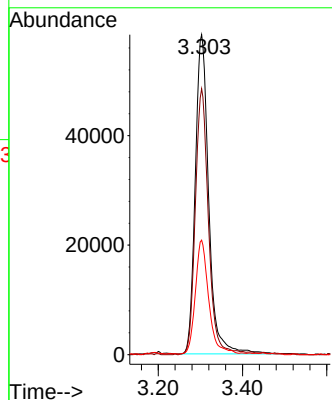
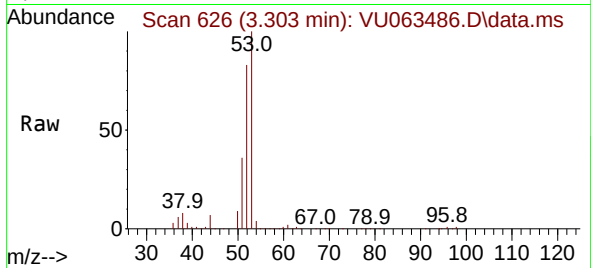




#15
Acrylonitrile
Concen: 132.504 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

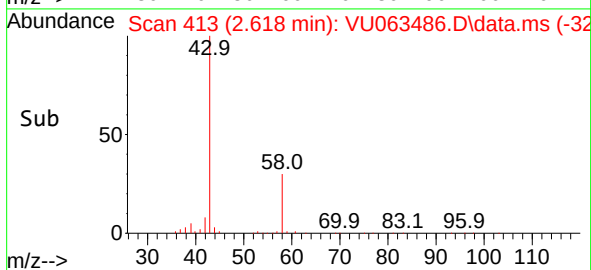
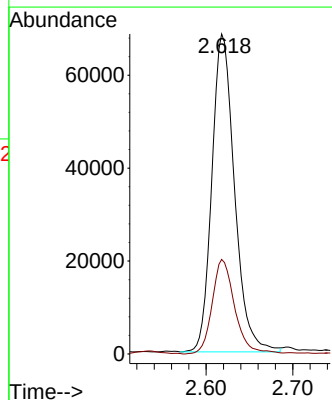
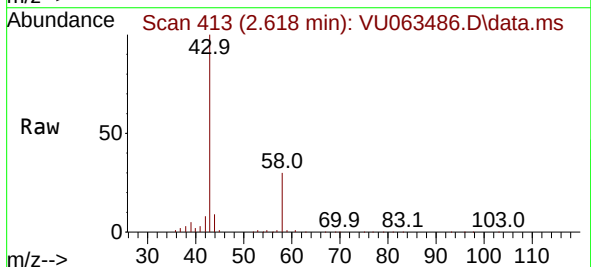
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

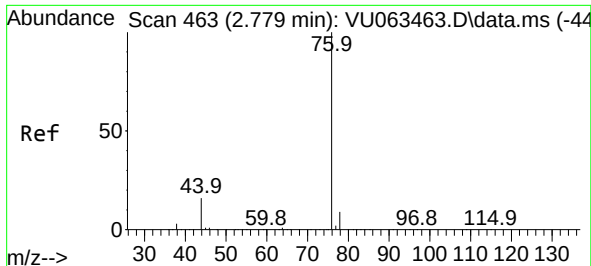
Tgt Ion:	53	Resp:	129109
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.0	97.4
51	35.4	28.8	43.2



#16
Acetone
Concen: 109.375 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:	43	Resp:	124480
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.1	34.7

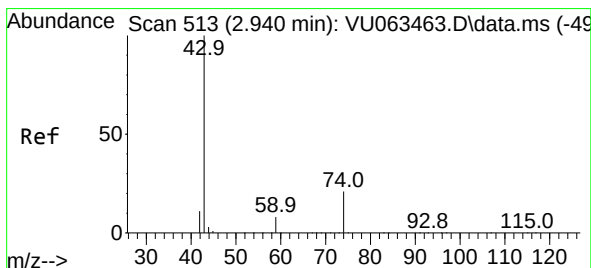
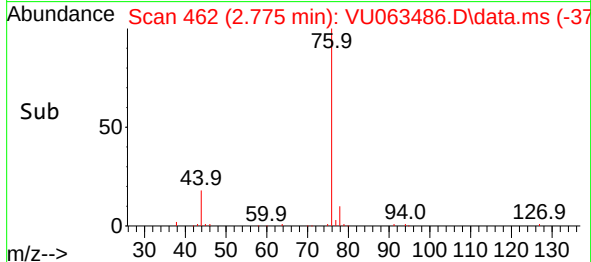
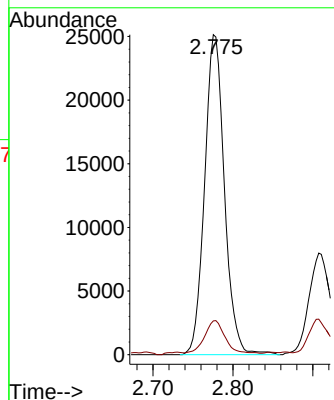
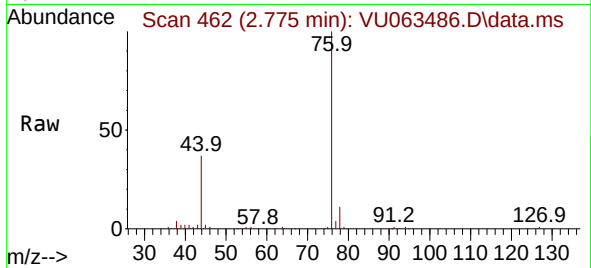




#17
Carbon Disulfide
Concen: 17.892 ug/l
RT: 2.775 min Scan# 41
Delta R.T. -0.004 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

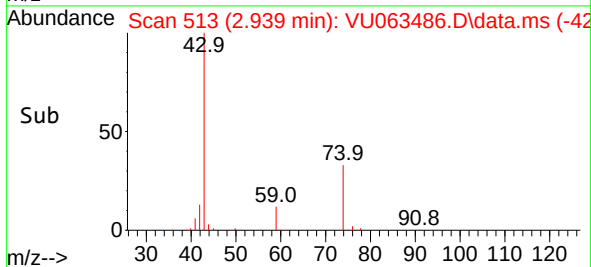
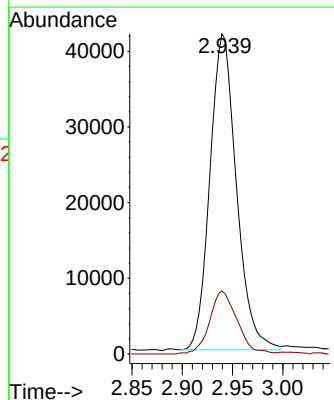
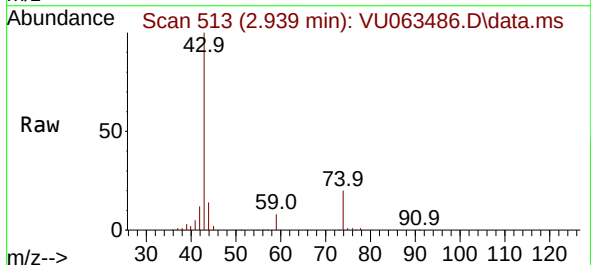
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

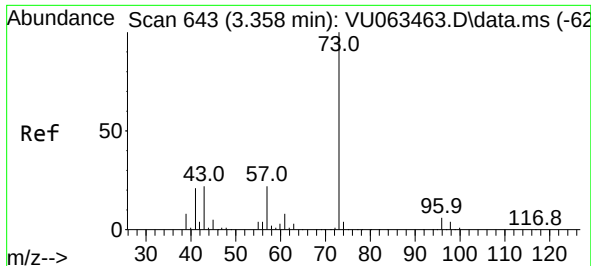
Tgt Ion: 76 Resp: 43391
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 26.160 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 43 Resp: 76620
Ion Ratio Lower Upper
43 100
74 20.6 17.3 25.9

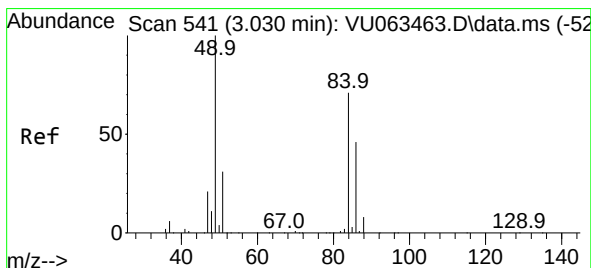
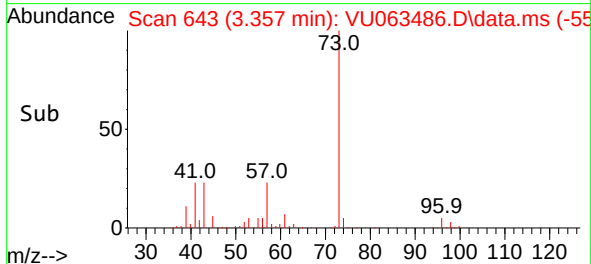
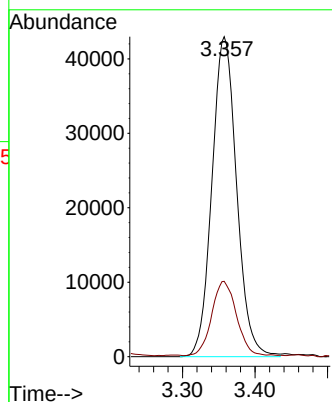
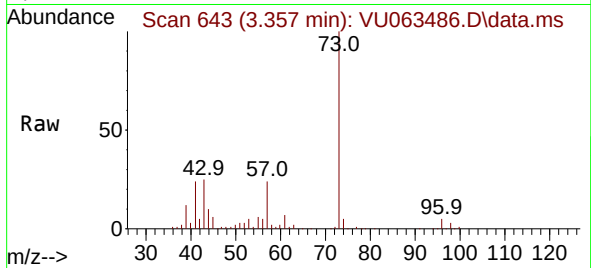




#19
Methyl tert-butyl Ether
Concen: 23.234 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.001 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

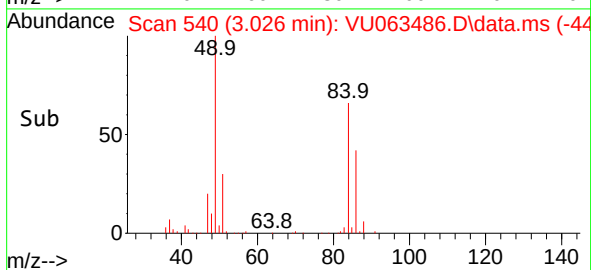
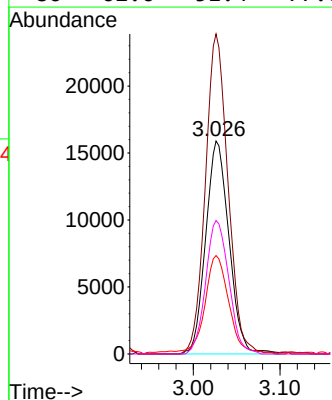
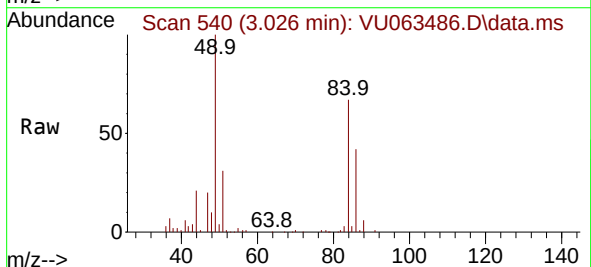
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

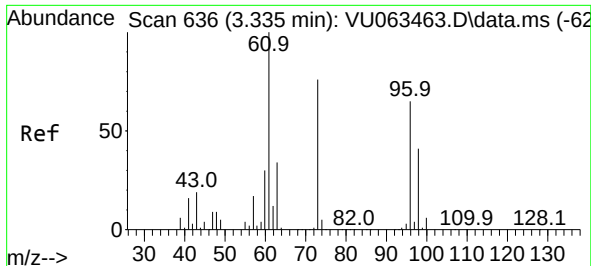
Tgt Ion: 73 Resp: 101660
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.6



#20
Methylene Chloride
Concen: 17.937 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 84 Resp: 29766
Ion Ratio Lower Upper
84 100
49 150.2 112.1 168.1
51 45.3 34.4 51.6
86 62.6 51.4 77.0

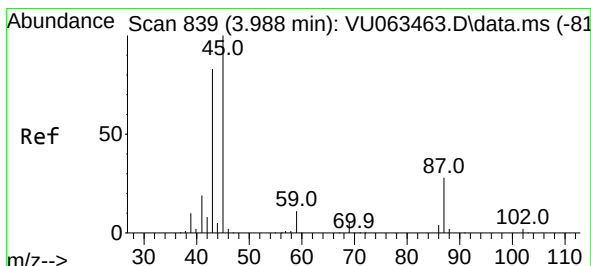
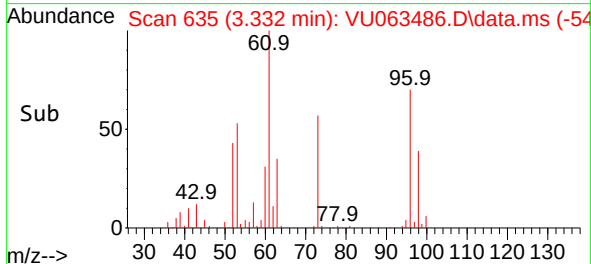
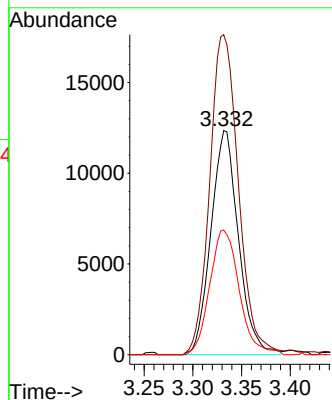
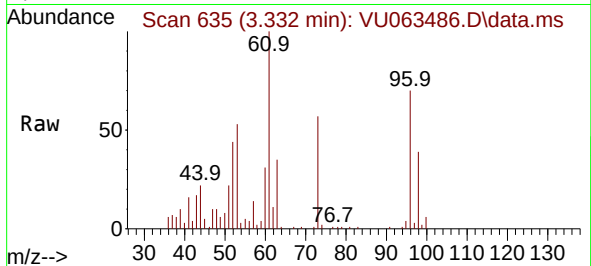




#21
trans-1,2-Dichloroethene
Concen: 22.264 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

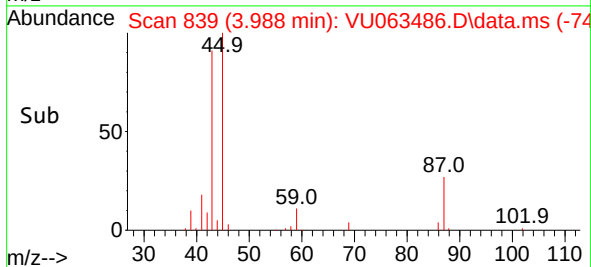
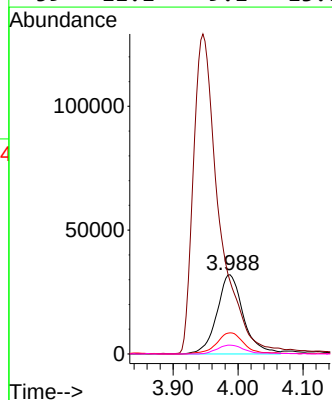
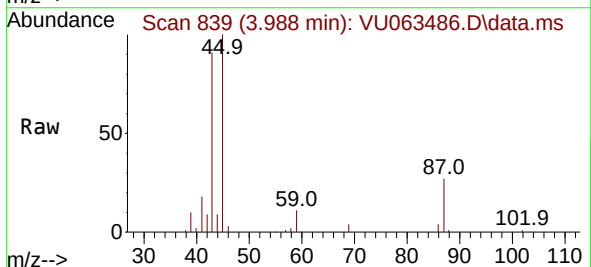
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

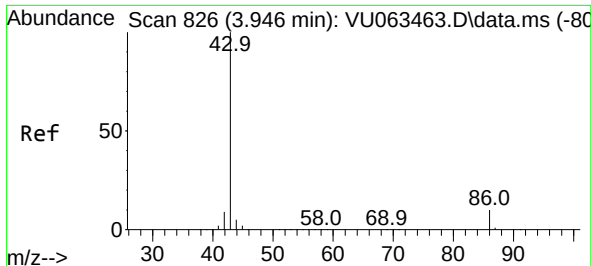
Tgt Ion: 96 Resp: 24267
Ion Ratio Lower Upper
96 100
61 142.8 122.2 183.4
98 55.6 49.9 74.9



#22
Diisopropyl ether
Concen: 21.971 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 45 Resp: 90343
Ion Ratio Lower Upper
45 100
43 89.9 66.5 99.7
87 26.6 22.6 33.8
59 11.1 9.1 13.7

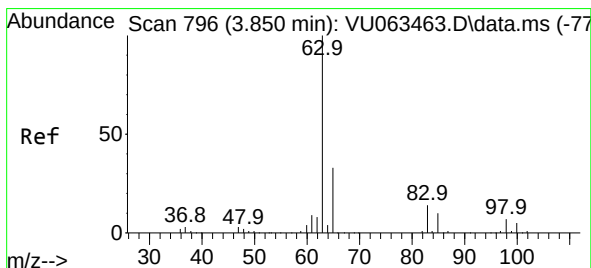
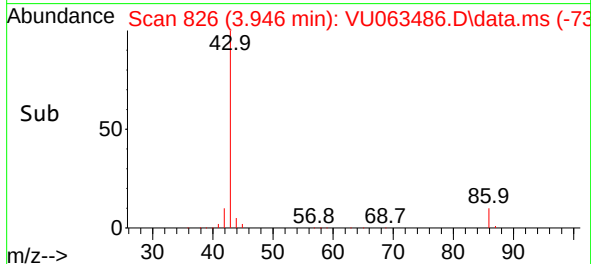
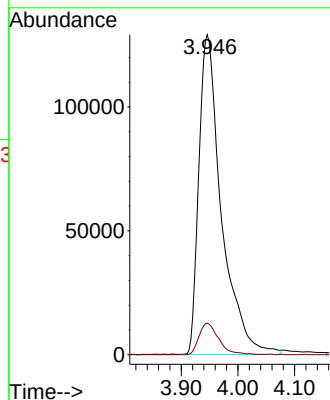
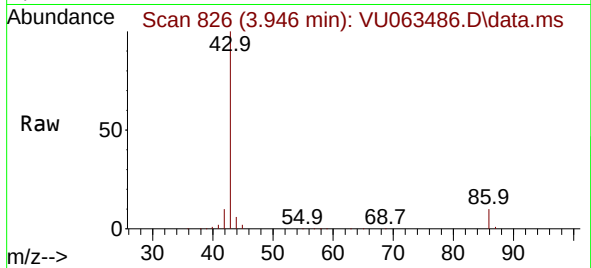




#23
 Vinyl Acetate
 Concen: 111.731 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

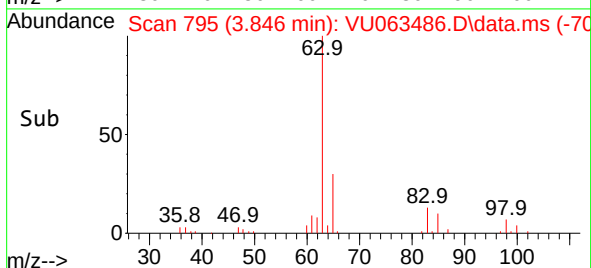
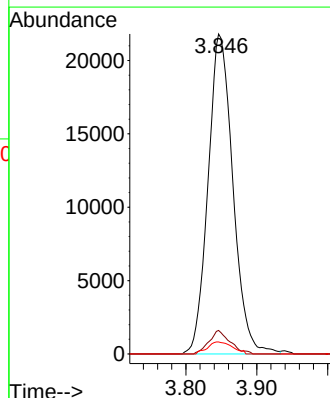
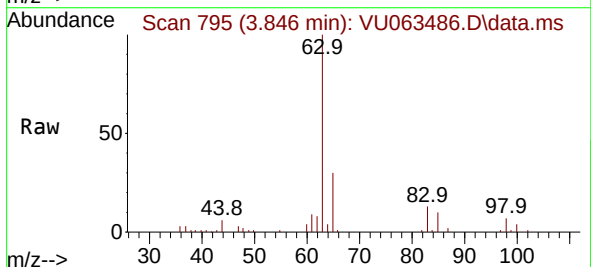
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

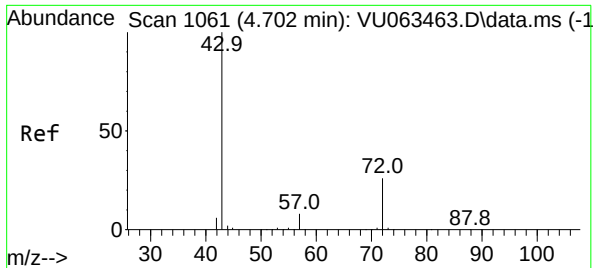
Tgt Ion: 43 Resp: 356485
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 22.748 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

Tgt Ion: 63 Resp: 53086
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 123.430 ug/l

RT: 4.705 min Scan# 1062

Delta R.T. 0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

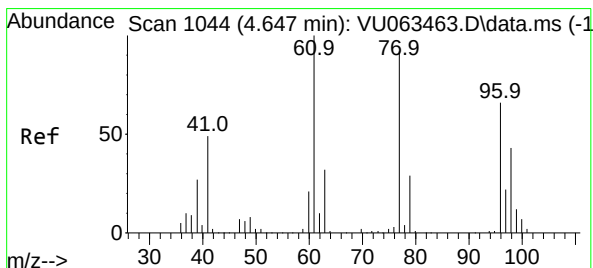
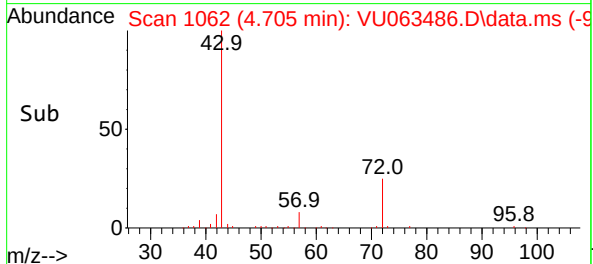
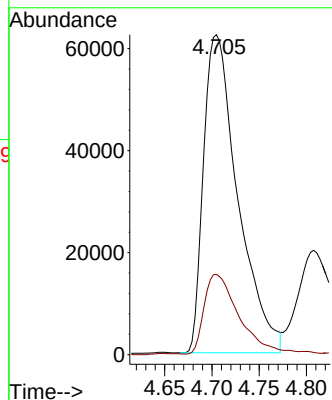
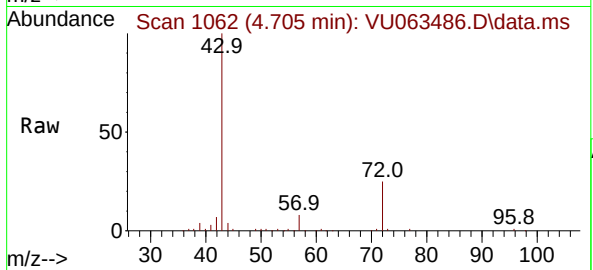
VU0711WBS01

Tgt Ion: 43 Resp: 157698

Ion Ratio Lower Upper

43 100

72 25.0 20.7 31.1



#26

2,2-Dichloropropane

Concen: 22.563 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063486.D

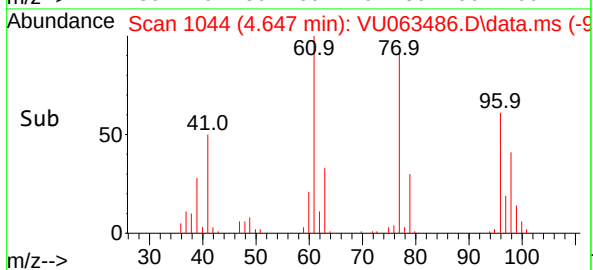
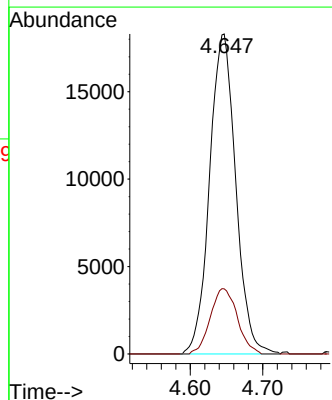
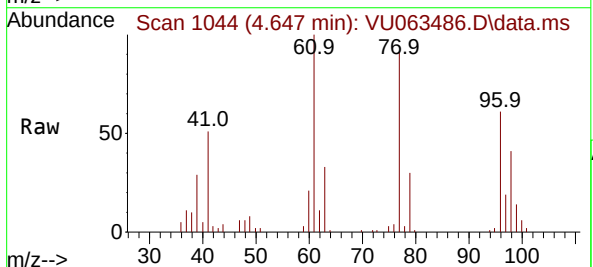
Acq: 11 Jul 2025 10:23

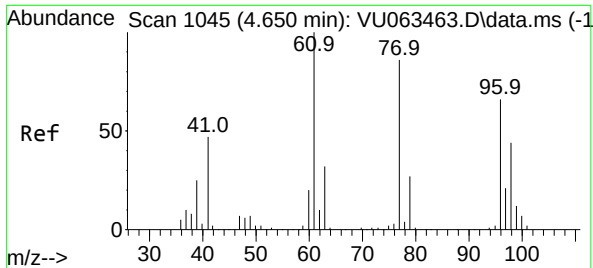
Tgt Ion: 77 Resp: 45810

Ion Ratio Lower Upper

77 100

97 21.1 11.8 35.3

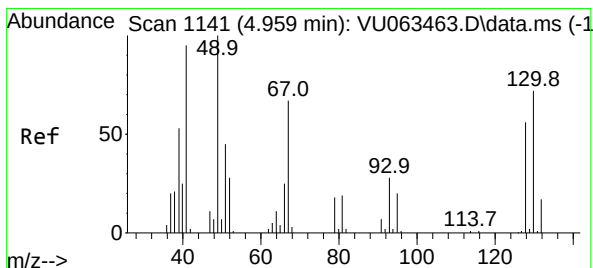
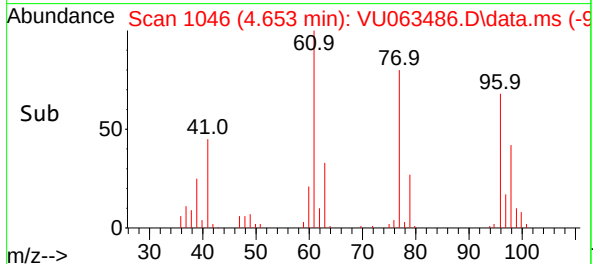
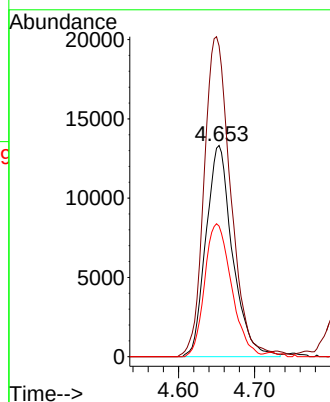
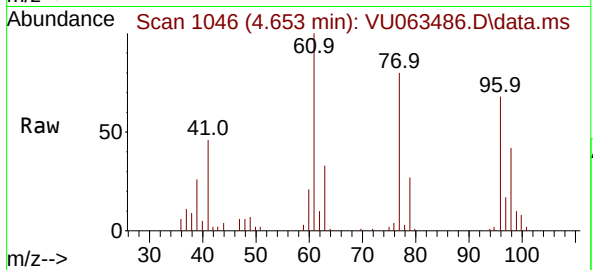




#27
cis-1,2-Dichloroethene
Concen: 22.451 ug/l
RT: 4.653 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

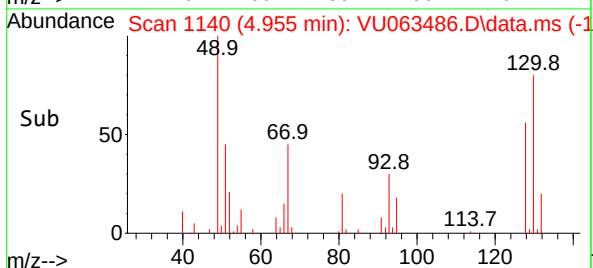
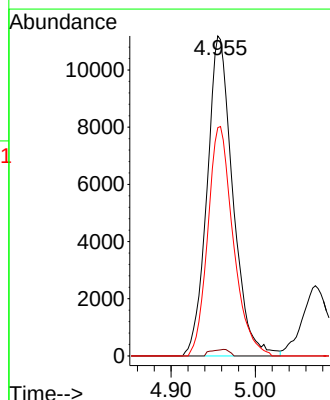
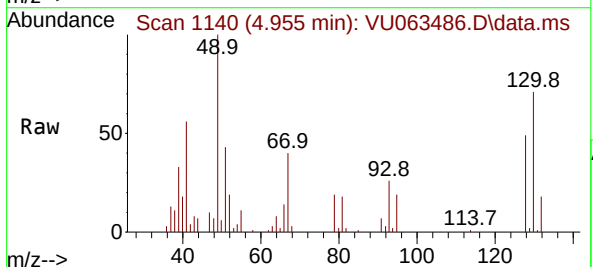
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

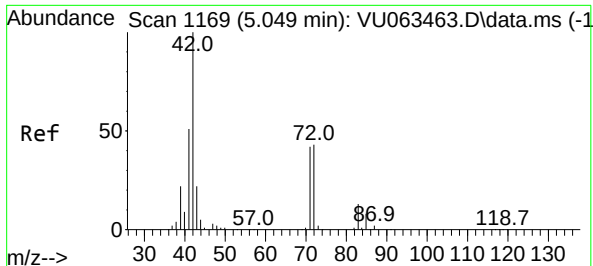
Tgt Ion: 96 Resp: 32301
Ion Ratio Lower Upper
96 100
61 151.2 0.0 307.2
98 63.6 0.0 133.0



#28
Bromochloromethane
Concen: 21.725 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 49 Resp: 23815
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 70.7 59.0 88.4





#29

Tetrahydrofuran

Concen: 127.068 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

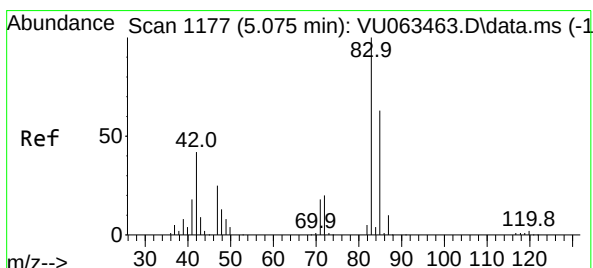
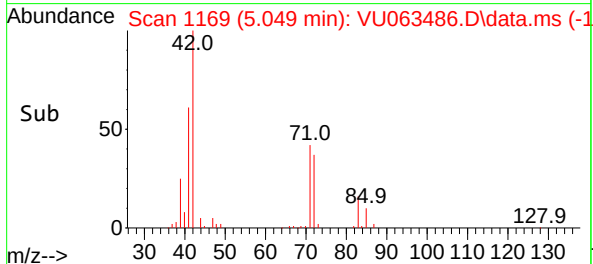
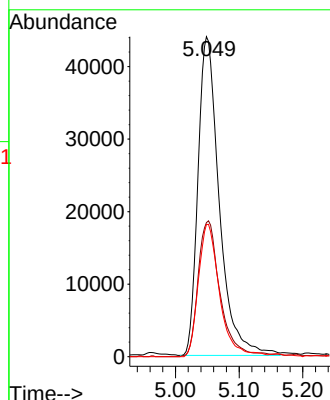
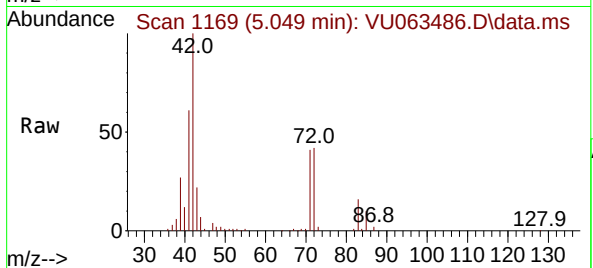
Tgt Ion: 42 Resp: 102410

Ion Ratio Lower Upper

42 100

72 43.4 36.2 54.4

71 41.3 33.3 49.9



#30

Chloroform

Concen: 23.096 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063486.D

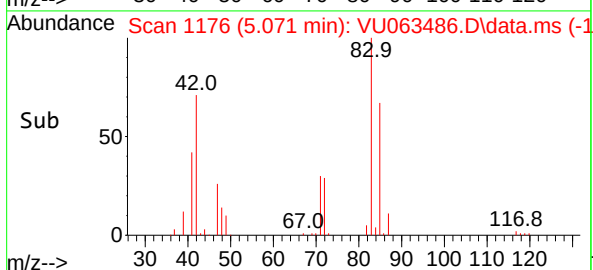
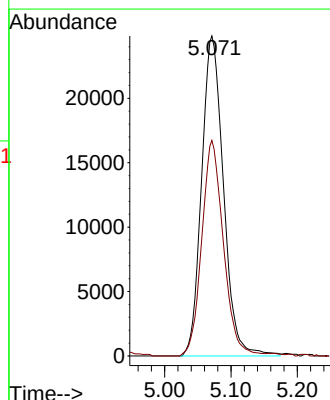
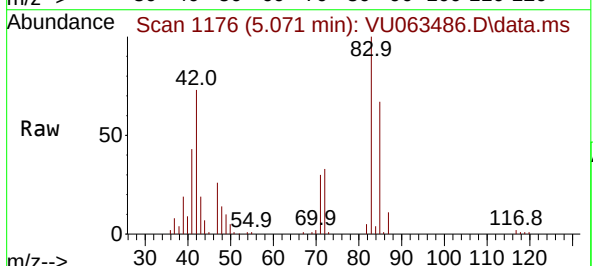
Acq: 11 Jul 2025 10:23

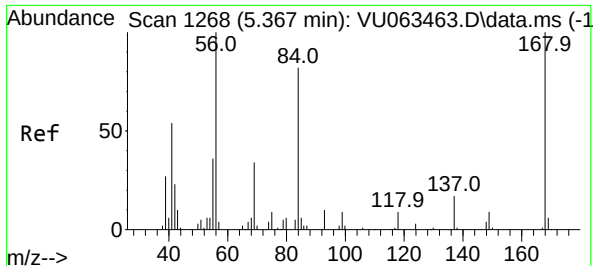
Tgt Ion: 83 Resp: 56905

Ion Ratio Lower Upper

83 100

85 67.3 50.7 76.1

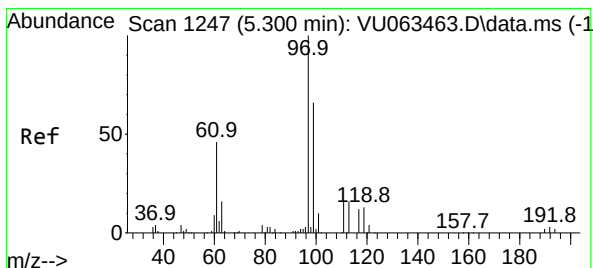
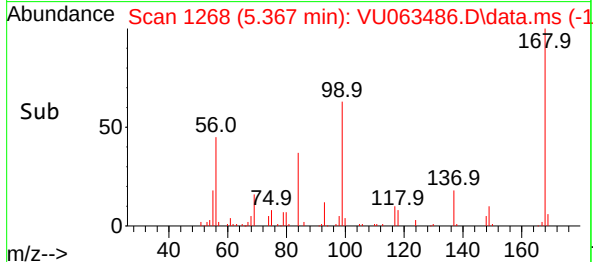
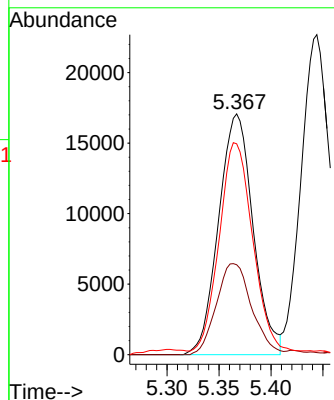
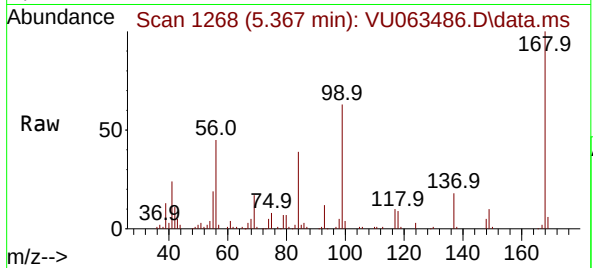




#31
Cyclohexane
Concen: 21.031 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

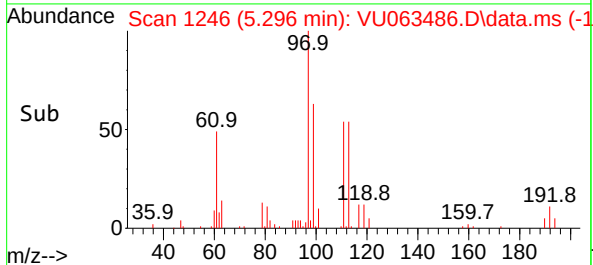
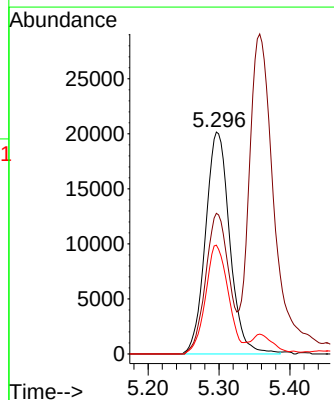
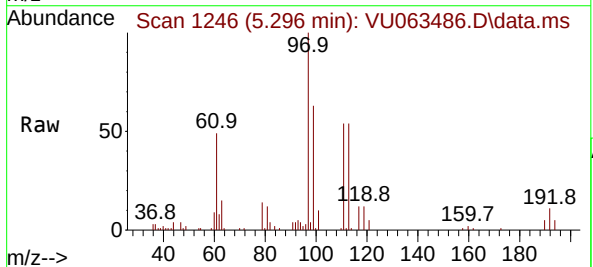
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

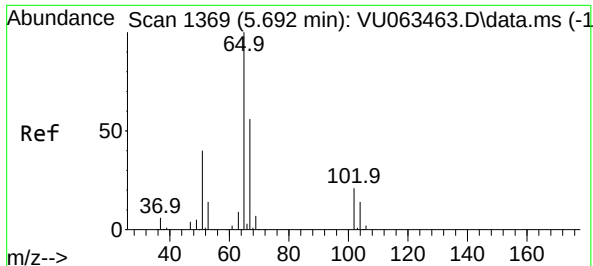
Tgt Ion: 56 Resp: 39454
Ion Ratio Lower Upper
56 100
69 37.3 27.0 40.4
84 85.1 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 22.823 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 97 Resp: 47880
Ion Ratio Lower Upper
97 100
99 60.1 50.4 75.6
61 46.2 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 55.898 ug/l

RT: 5.689 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

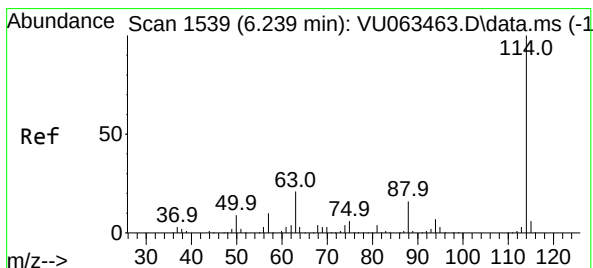
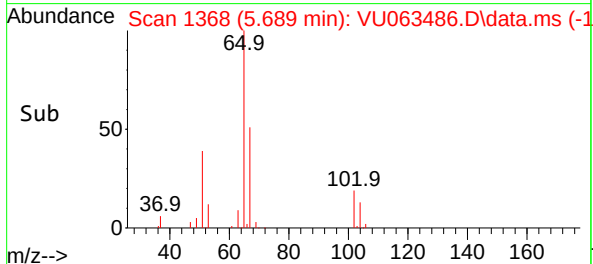
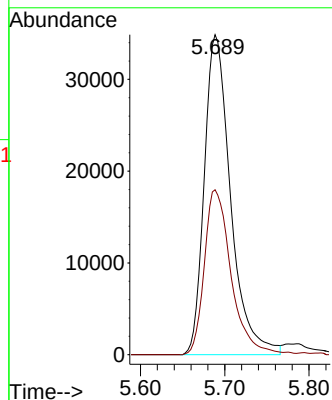
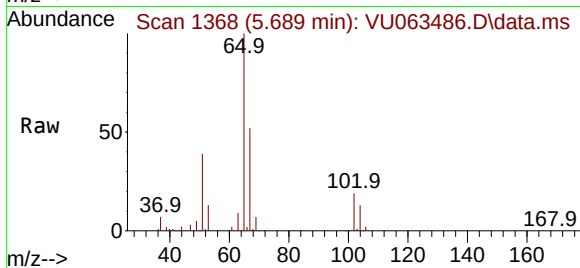
VU0711WBS01

Tgt Ion: 65 Resp: 75839

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: VU063486.D

Acq: 11 Jul 2025 10:23

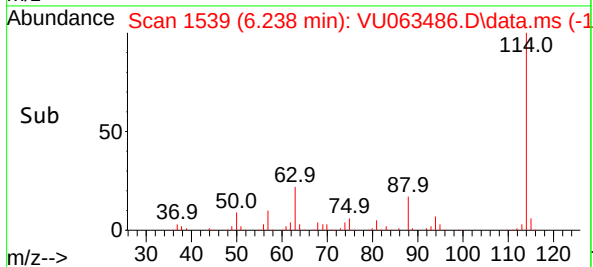
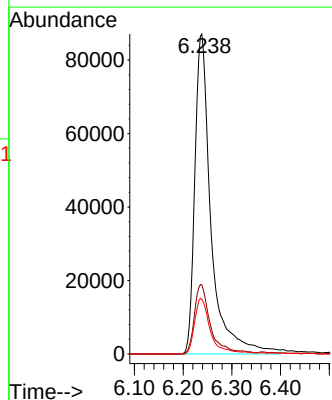
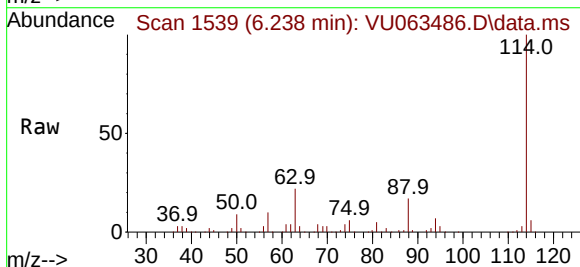
Tgt Ion: 114 Resp: 201807

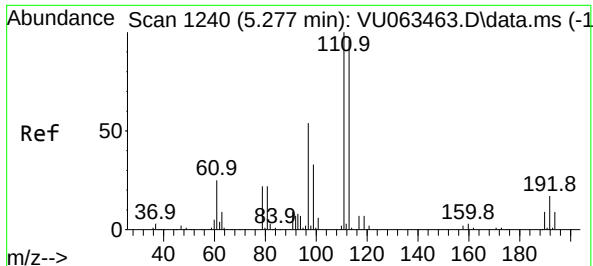
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.6

88 17.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.466 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

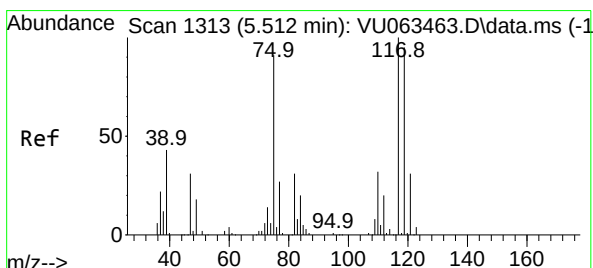
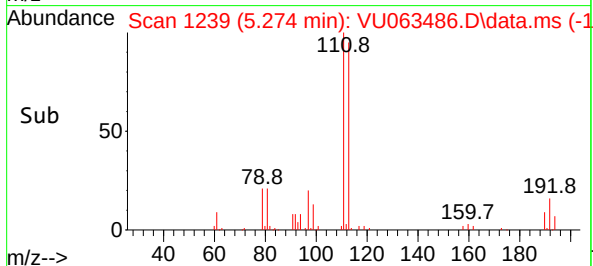
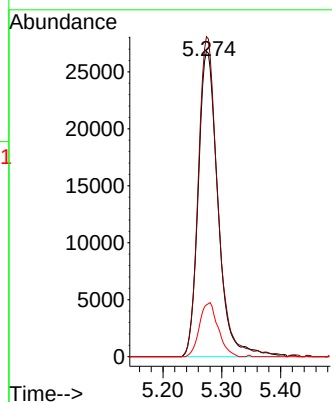
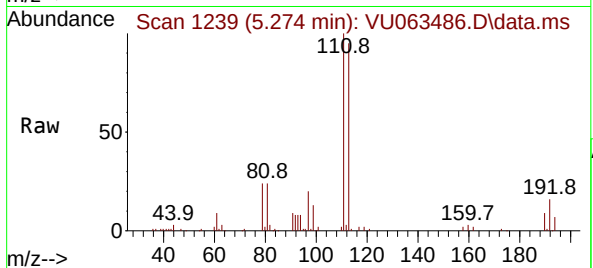
Tgt Ion:113 Resp: 62606

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 16.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 20.722 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

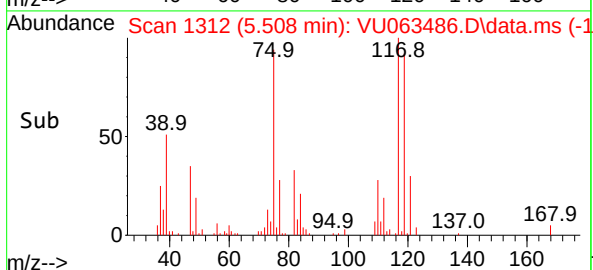
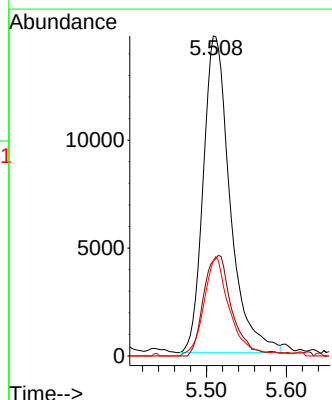
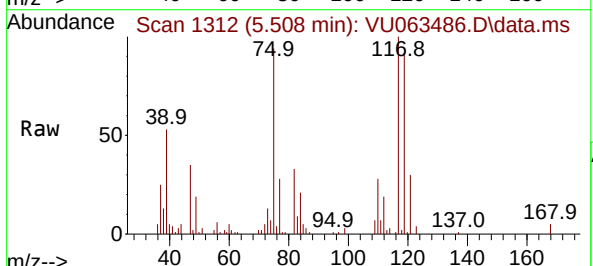
Tgt Ion: 75 Resp: 34251

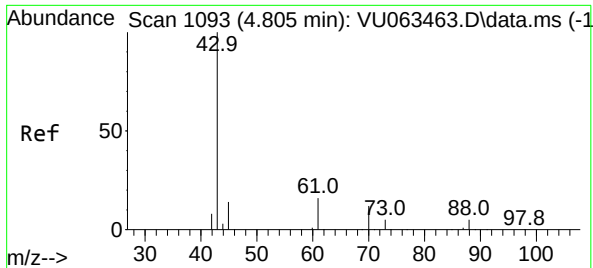
Ion Ratio Lower Upper

75 100

110 32.8 17.3 52.0

77 29.7 23.9 35.9

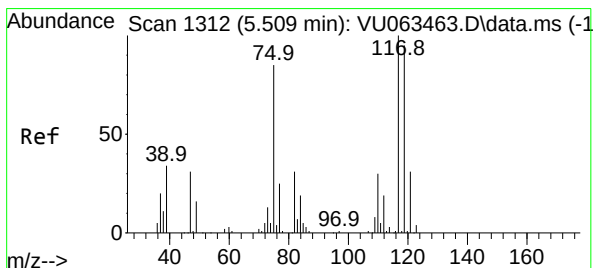
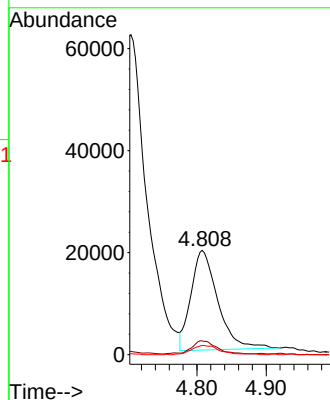
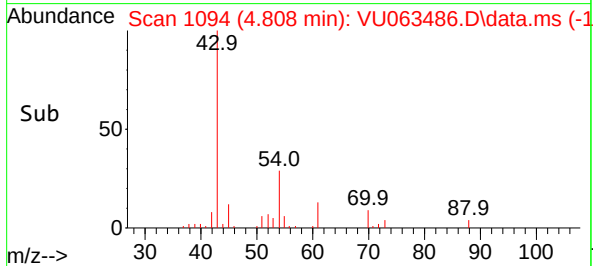
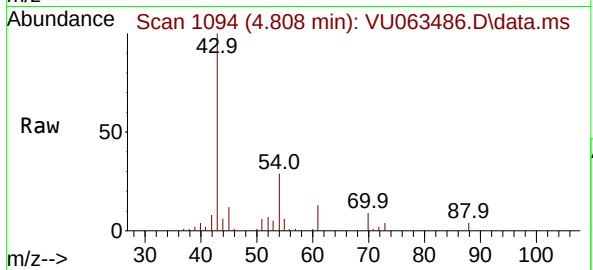




#37
Ethyl Acetate
Concen: 19.698 ug/l
RT: 4.808 min Scan# 1093
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

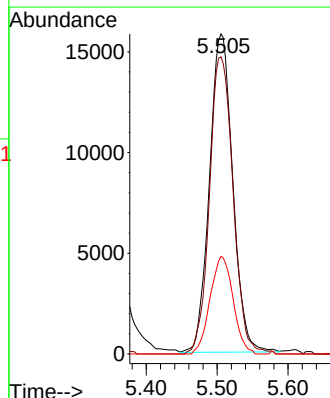
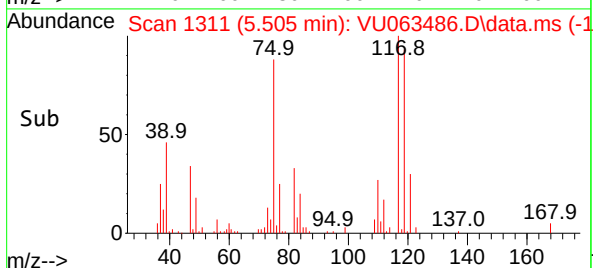
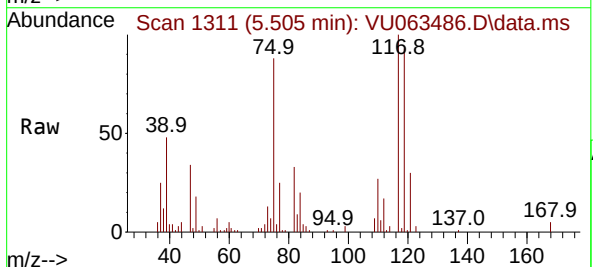
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

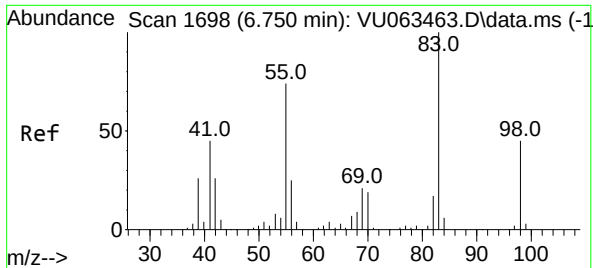
Tgt Ion: 43 Resp: 52728
Ion Ratio Lower Upper
43 100
61 11.5 10.4 15.6
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.807 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 117 Resp: 36073
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 18.661 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

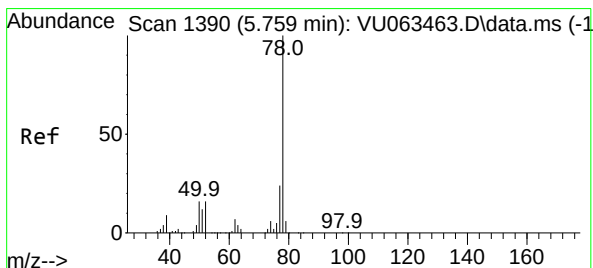
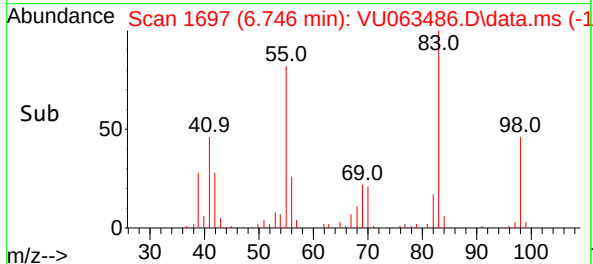
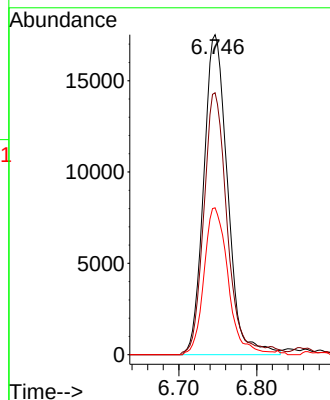
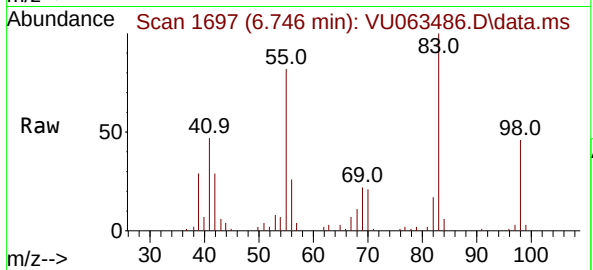
Tgt Ion: 83 Resp: 37270

Ion Ratio Lower Upper

83 100

55 81.9 59.4 89.2

98 45.9 36.2 54.4



#40

Benzene

Concen: 20.742 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063486.D

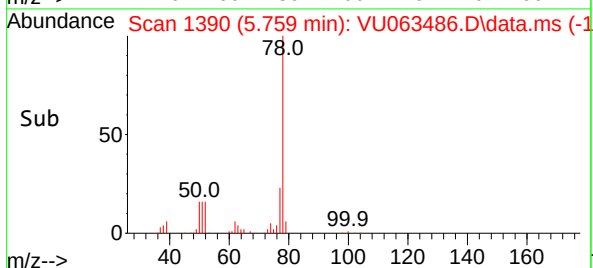
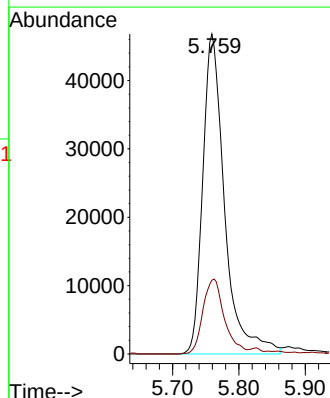
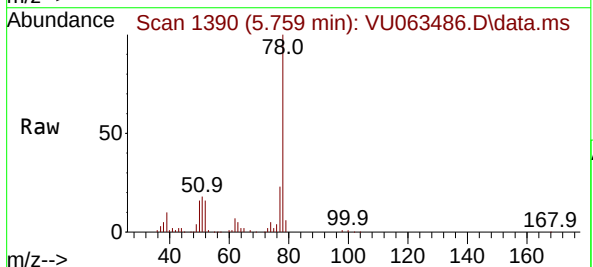
Acq: 11 Jul 2025 10:23

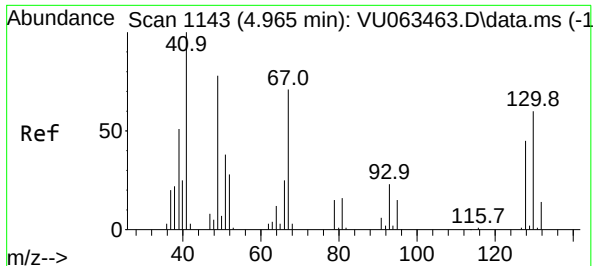
Tgt Ion: 78 Resp: 107073

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4



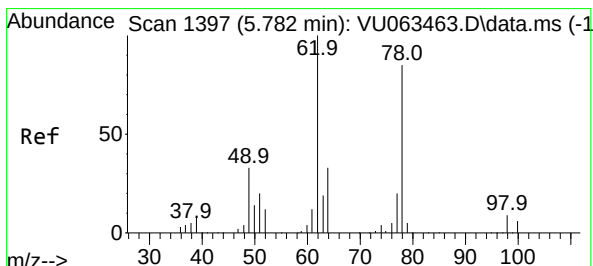
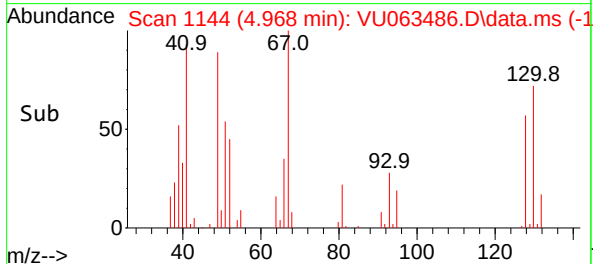
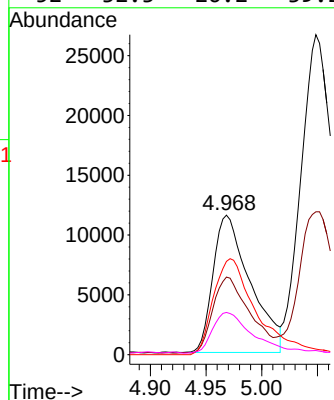
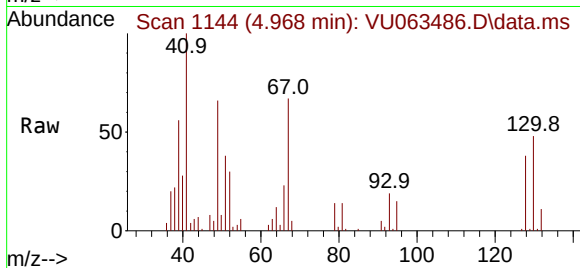


#41
Methacrylonitrile
Concen: 21.115 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion: 41 Resp: 26670

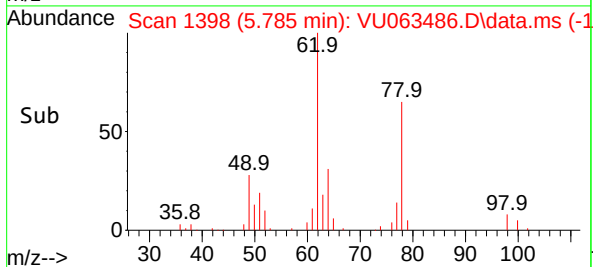
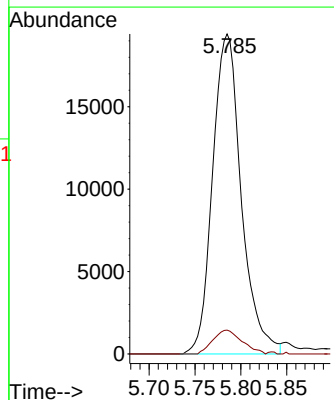
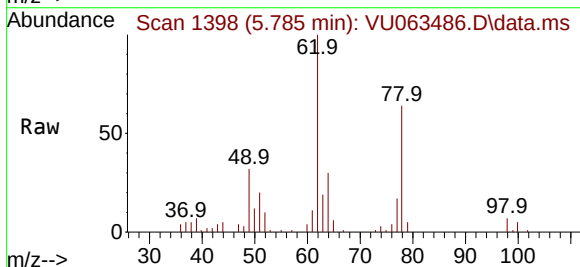
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.6	65.4
67	81.6	62.8	94.2
52	32.3	26.2	39.2

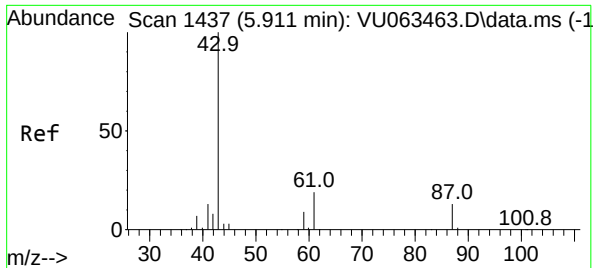


#42
1,2-Dichloroethane
Concen: 21.777 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 62 Resp: 42269

Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	17.6

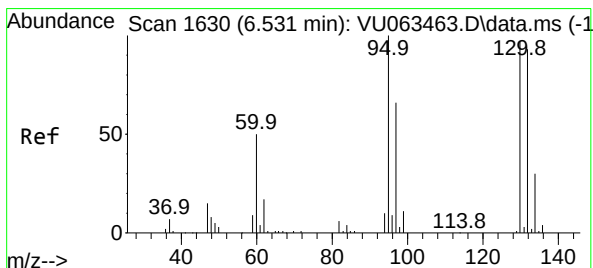
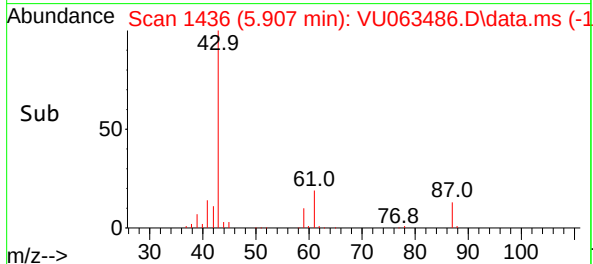
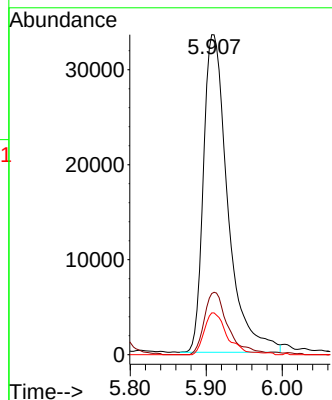
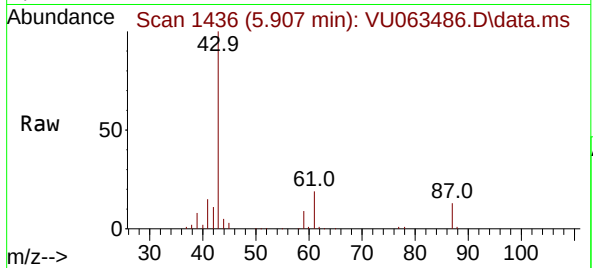




#43
Isopropyl Acetate
Concen: 20.943 ug/l
RT: 5.907 min Scan# 1436
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

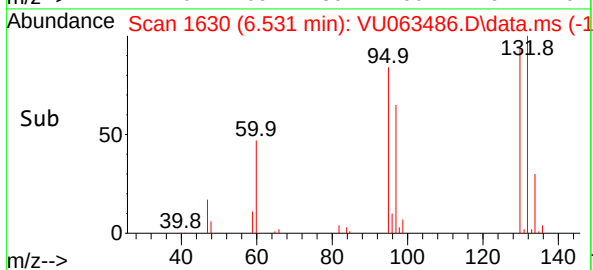
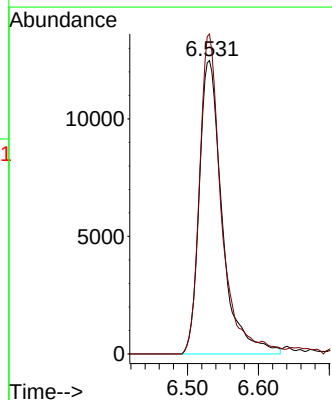
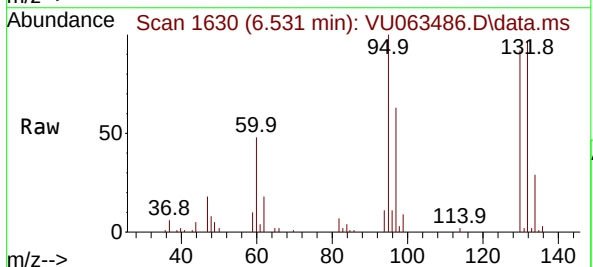
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

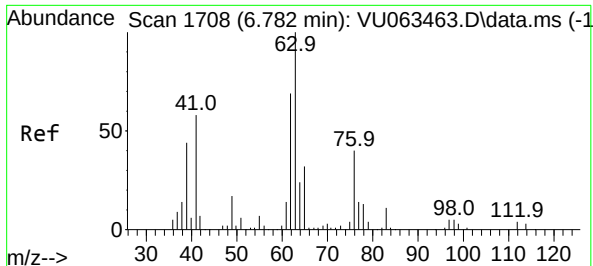
Tgt Ion: 43 Resp: 74466
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.2
87 12.5 10.5 15.7



#44
Trichloroethene
Concen: 20.328 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:130 Resp: 28081
Ion Ratio Lower Upper
130 100
95 109.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 21.714 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

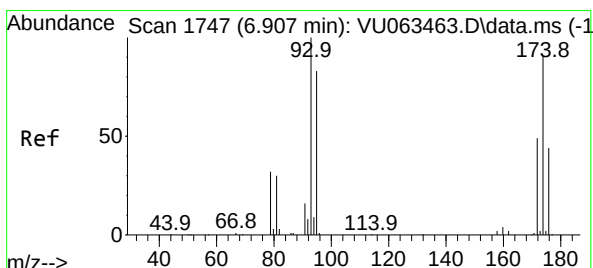
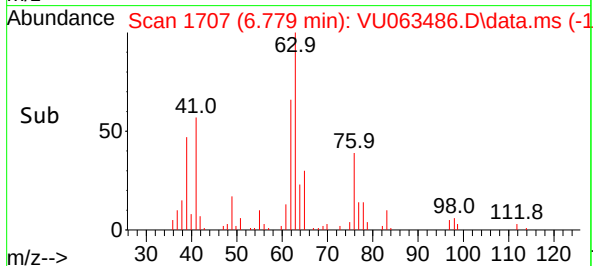
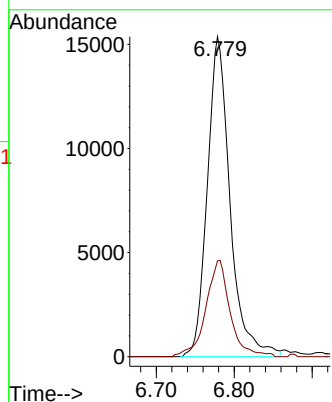
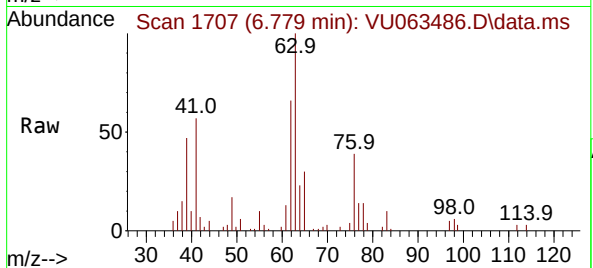
VU0711WBS01

Tgt Ion: 63 Resp: 31160

Ion Ratio Lower Upper

63 100

65 29.9 25.3 37.9



#46

Dibromomethane

Concen: 21.847 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

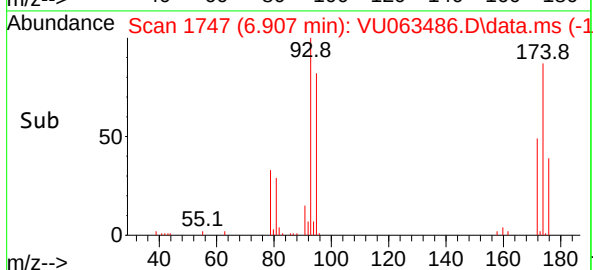
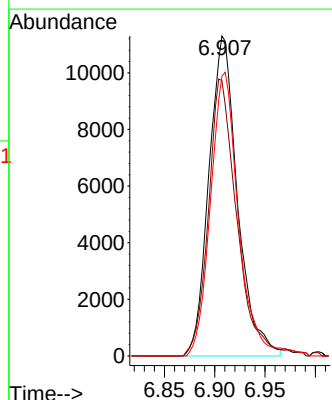
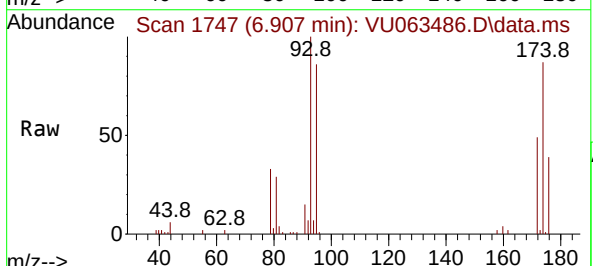
Tgt Ion: 93 Resp: 22306

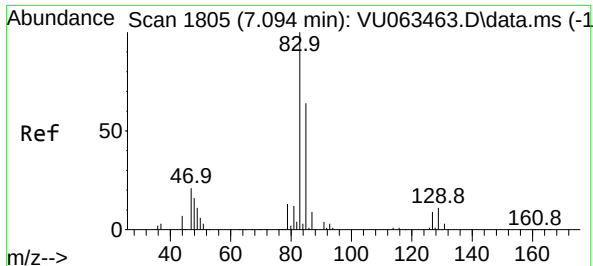
Ion Ratio Lower Upper

93 100

95 86.2 67.5 101.3

174 87.1 73.1 109.7

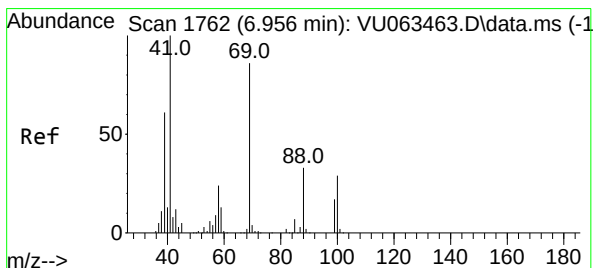
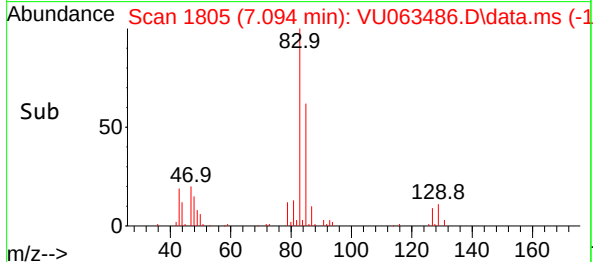
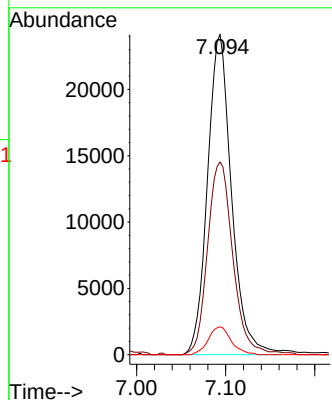
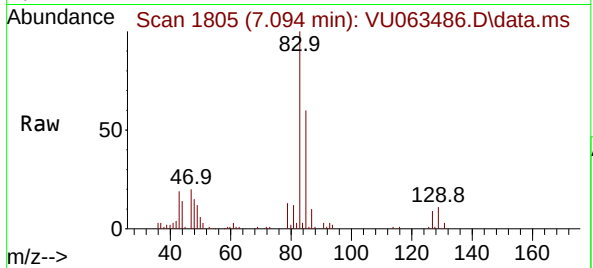




#47
Bromodichloromethane
Concen: 21.319 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

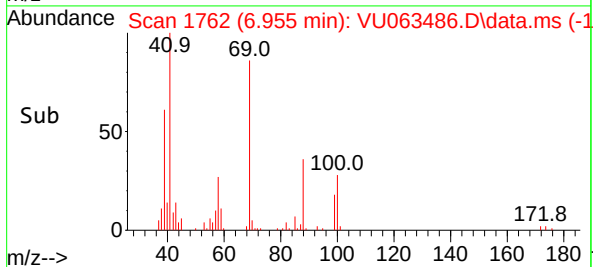
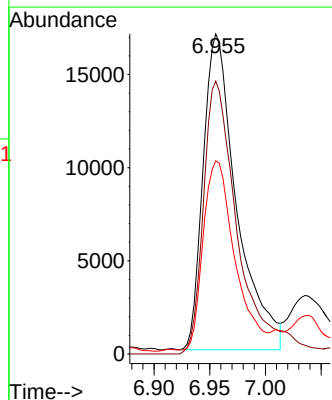
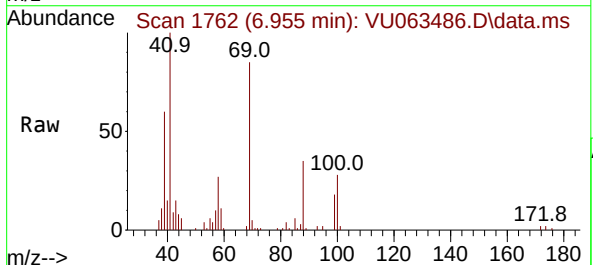
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

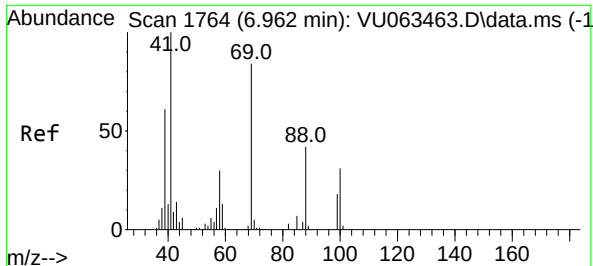
Tgt Ion: 83 Resp: 45262
Ion Ratio Lower Upper
83 100
85 60.2 51.4 77.0
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 21.605 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 41 Resp: 35505
Ion Ratio Lower Upper
41 100
69 89.2 69.8 104.8
39 56.8 48.3 72.5





#49

1,4-Dioxane

Concen: 449.619 ug/l

RT: 6.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

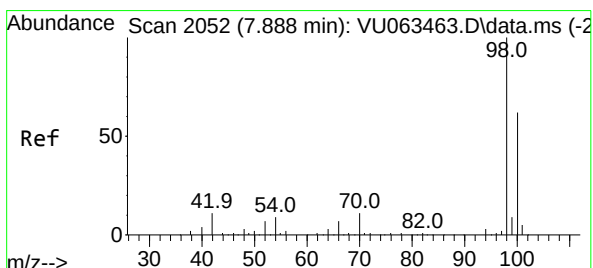
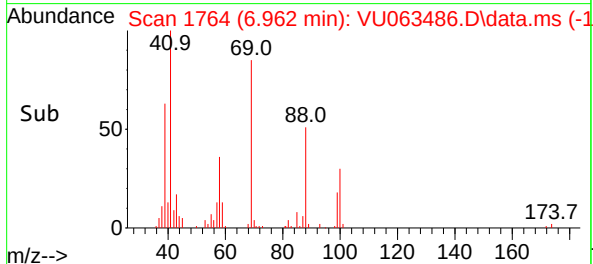
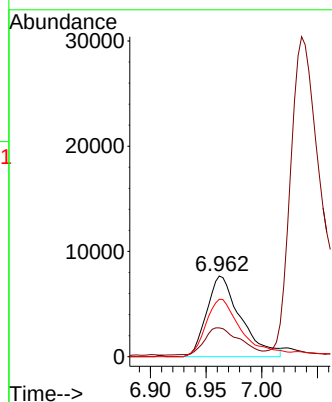
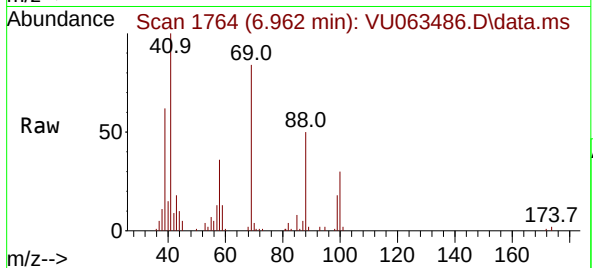
Tgt Ion: 88 Resp: 16214

Ion Ratio Lower Upper

88 100

43 33.8 25.6 38.4

58 75.4 55.0 82.6



#50

Toluene-d8

Concen: 49.252 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063486.D

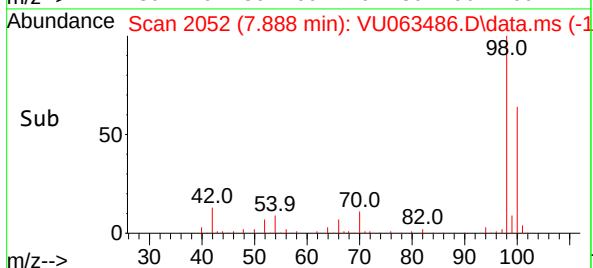
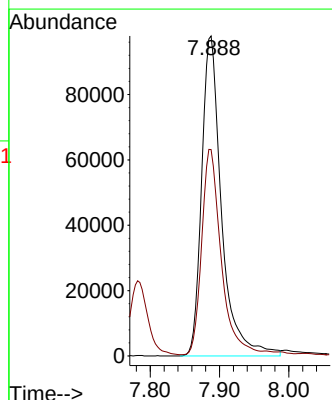
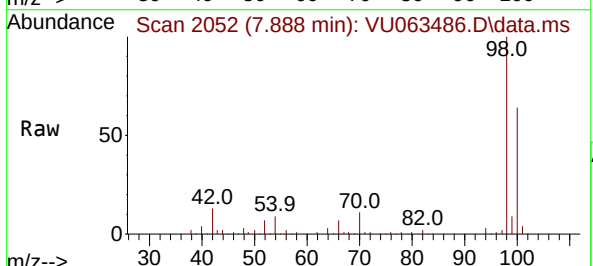
Acq: 11 Jul 2025 10:23

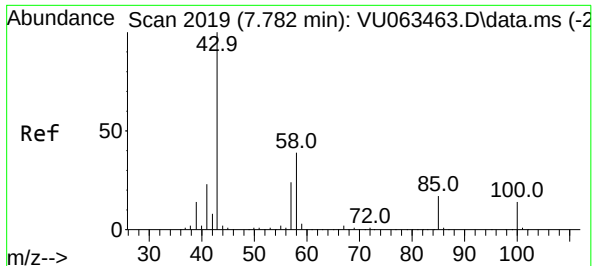
Tgt Ion: 98 Resp: 195297

Ion Ratio Lower Upper

98 100

100 62.5 48.1 72.1

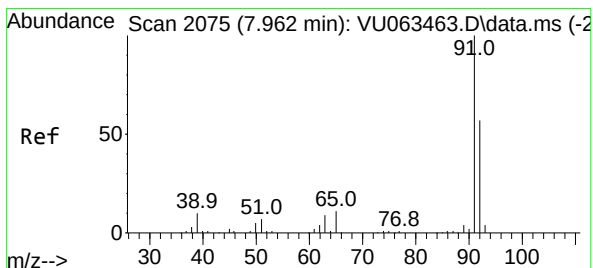
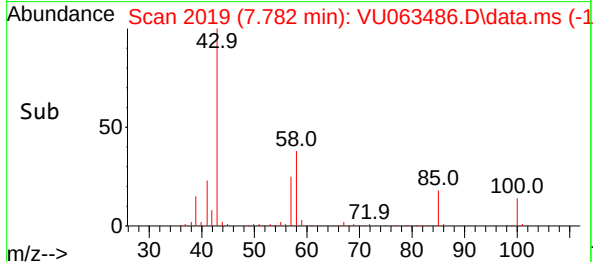
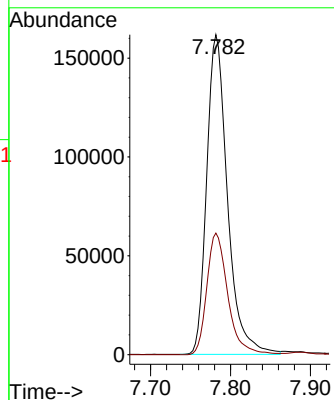
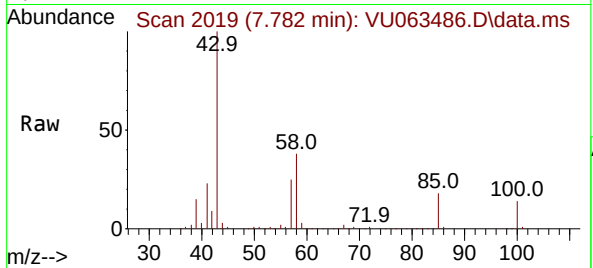




#51
4-Methyl-2-Pentanone
Concen: 113.651 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

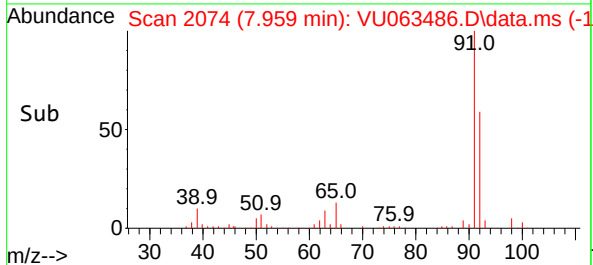
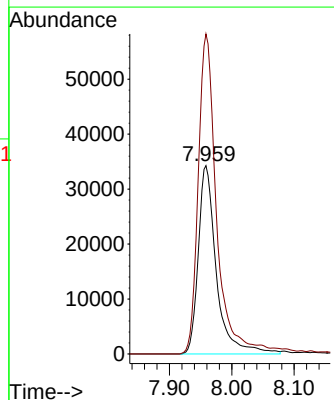
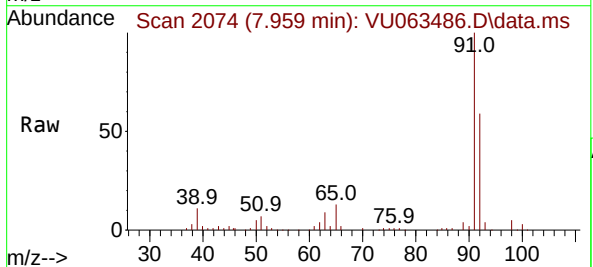
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

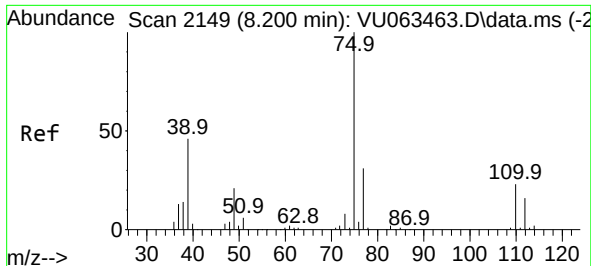
Tgt Ion: 43 Resp: 292482
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.4



#52
Toluene
Concen: 20.529 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 92 Resp: 69314
Ion Ratio Lower Upper
92 100
91 171.5 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 19.488 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

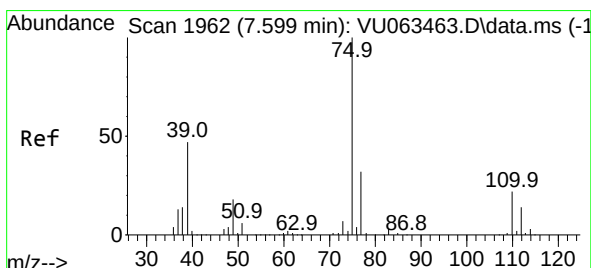
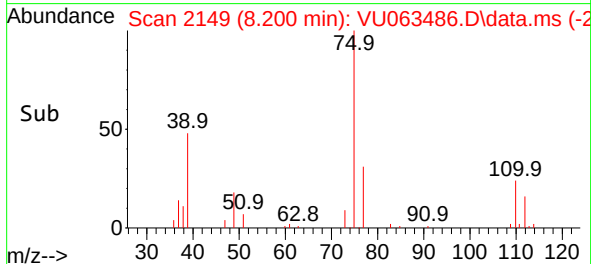
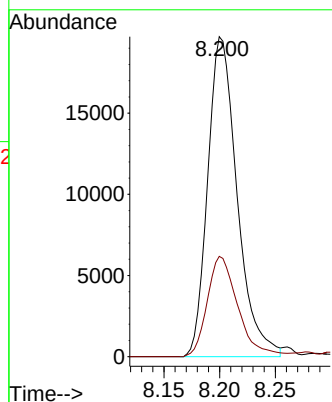
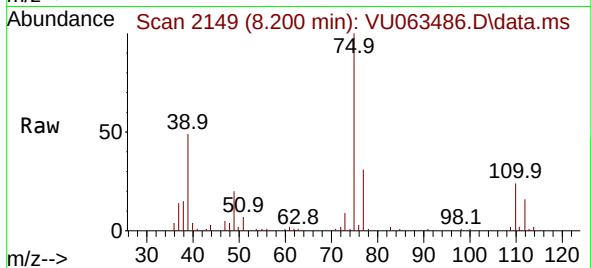
VU0711WBS01

Tgt Ion: 75 Resp: 36205

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.103 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

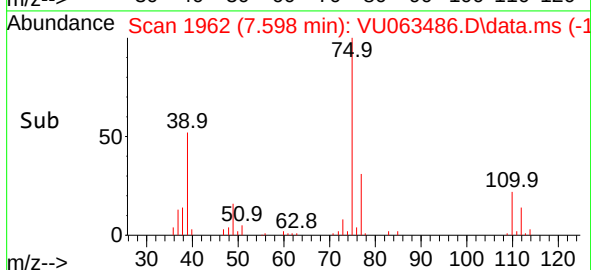
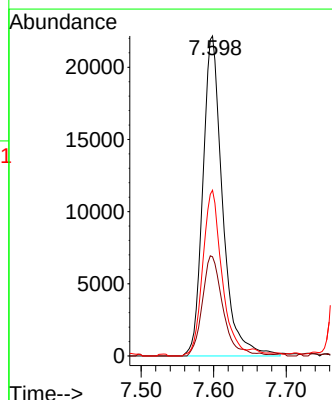
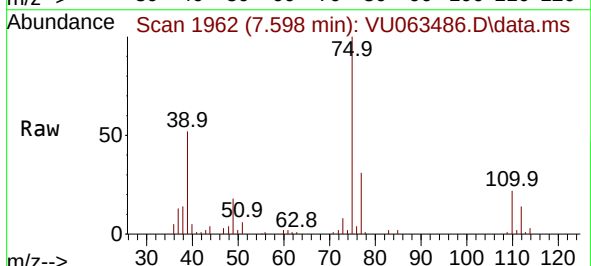
Tgt Ion: 75 Resp: 41809

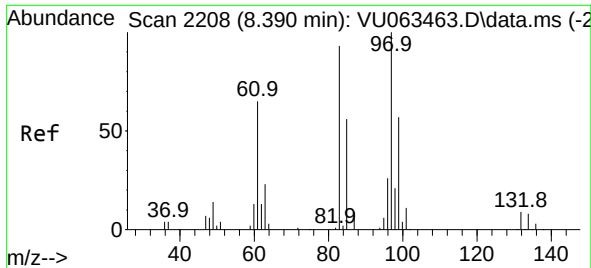
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 51.8 37.2 55.8

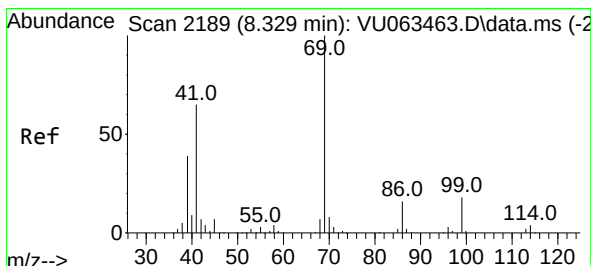
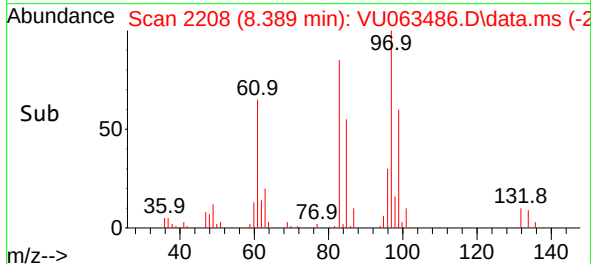
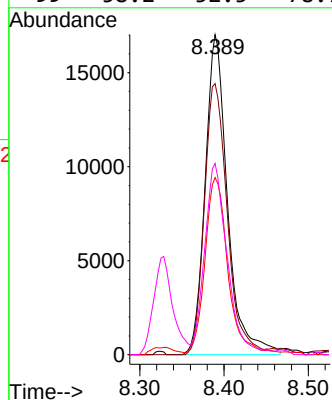
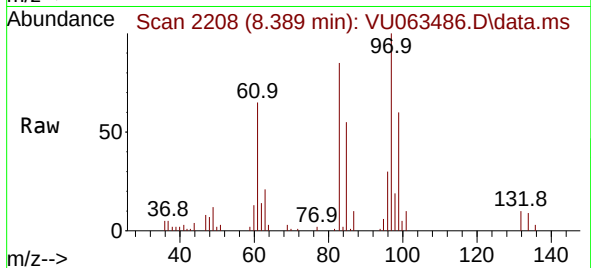




#55
 1,1,2-Trichloroethane
 Concen: 21.977 ug/l
 RT: 8.389 min Scan# 2188
 Delta R.T. -0.000 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

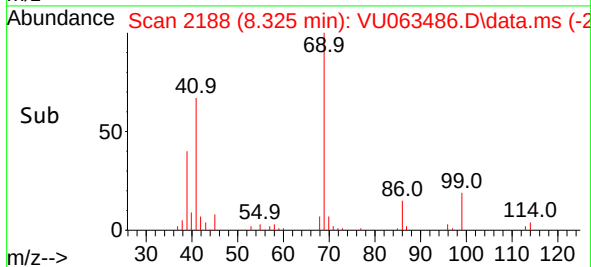
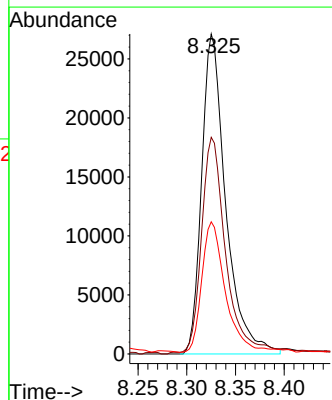
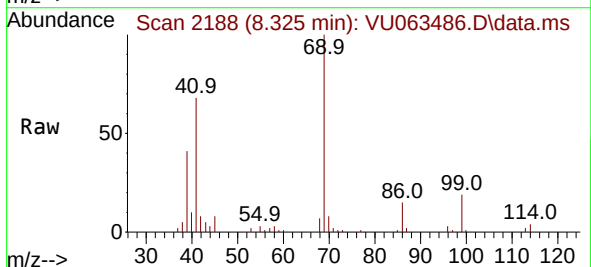
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

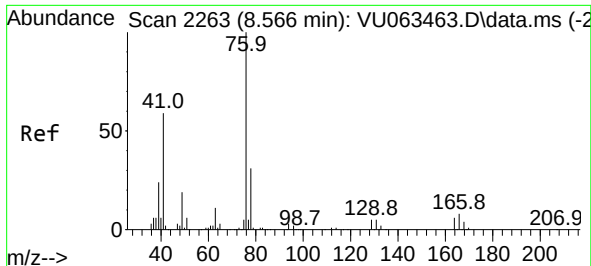
Tgt Ion: 97	Resp: 31513
Ion Ratio	Lower Upper
97 100	
83 84.7	74.2 111.4
85 54.5	45.8 68.8
99 58.2	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 20.131 ug/l
 RT: 8.325 min Scan# 2188
 Delta R.T. -0.003 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

Tgt Ion: 69	Resp: 46565
Ion Ratio	Lower Upper
69 100	
41 68.3	53.0 79.6
39 40.3	31.0 46.4





#57

1,3-Dichloropropane

Concen: 21.206 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

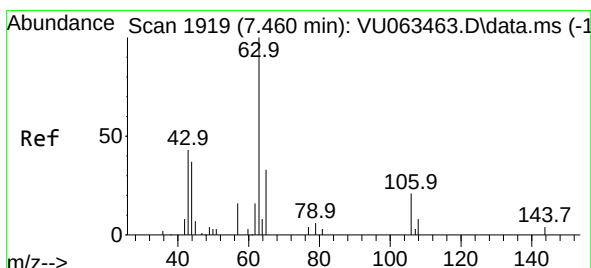
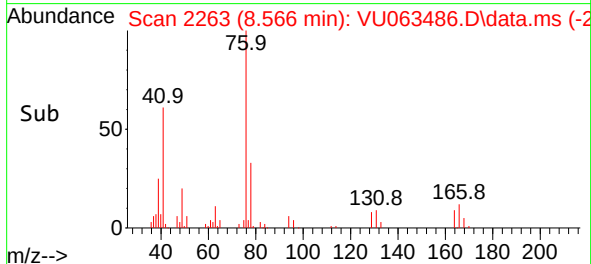
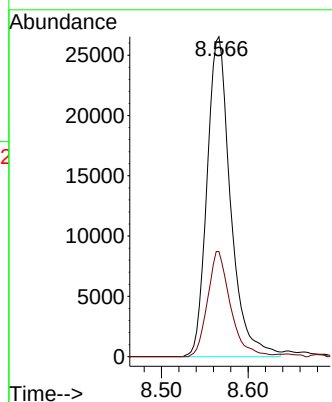
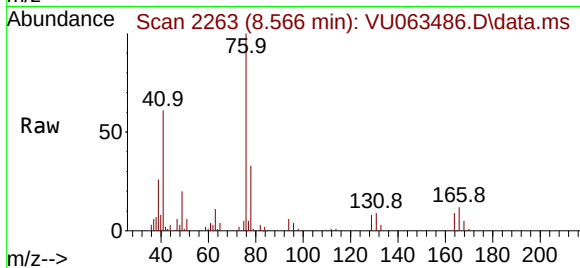
VU0711WBS01

Tgt Ion: 76 Resp: 50122

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 113.911 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.003 min

Lab File: VU063486.D

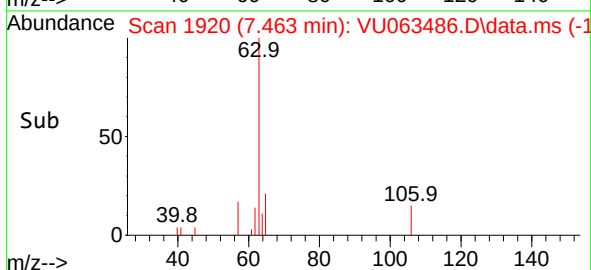
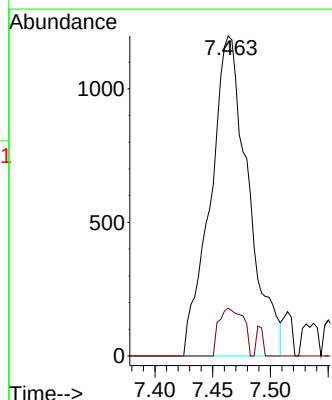
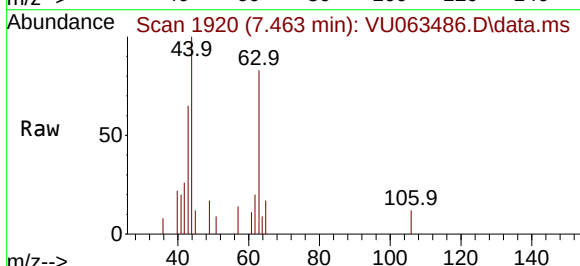
Acq: 11 Jul 2025 10:23

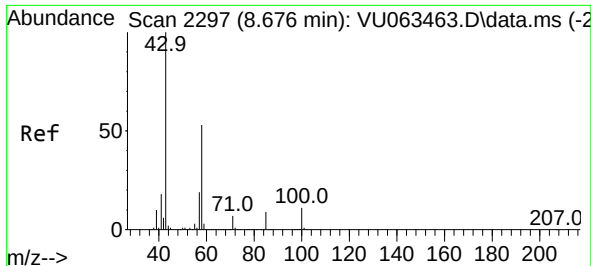
Tgt Ion: 63 Resp: 2736

Ion Ratio Lower Upper

63 100

106 9.6 11.5 17.3#

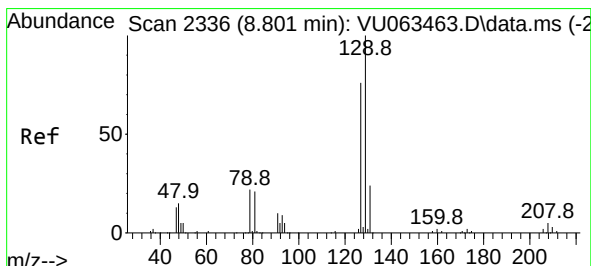
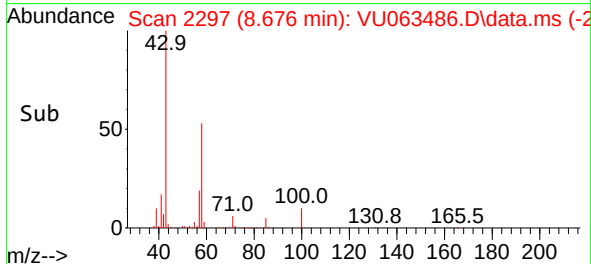
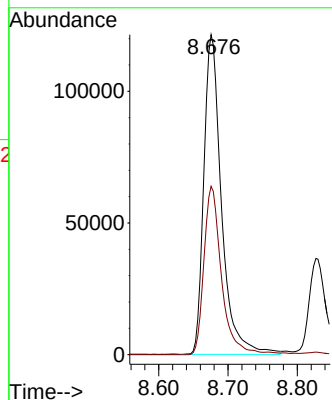
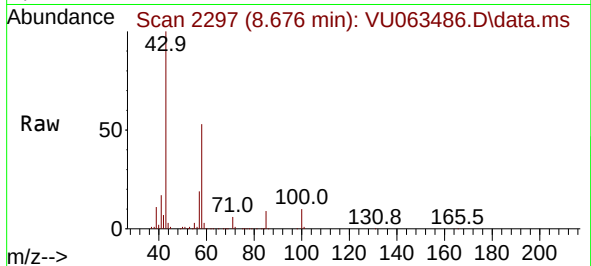




#59
2-Hexanone
Concen: 110.141 ug/l
RT: 8.676 min Scan# 214389
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

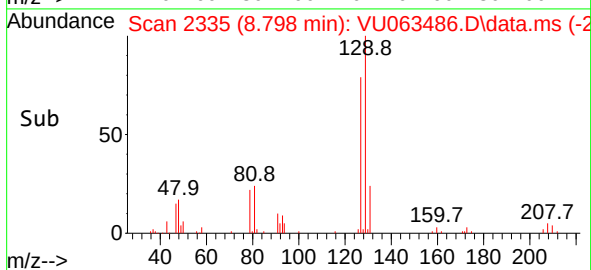
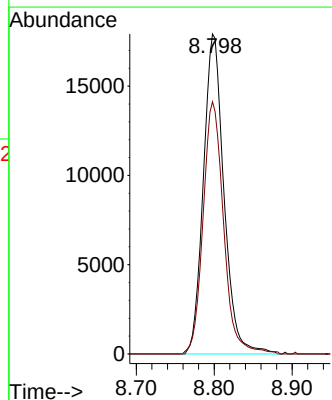
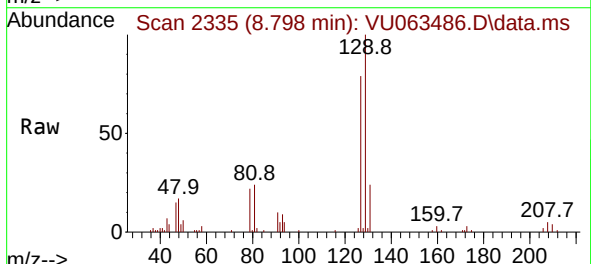
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

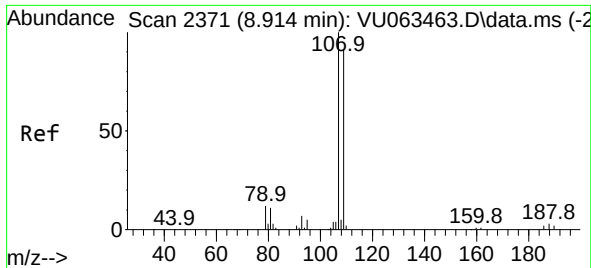
Tgt Ion: 43 Resp: 214389
Ion Ratio Lower Upper
43 100
58 52.0 26.9 80.7



#60
Dibromochloromethane
Concen: 20.523 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:129 Resp: 32966
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2

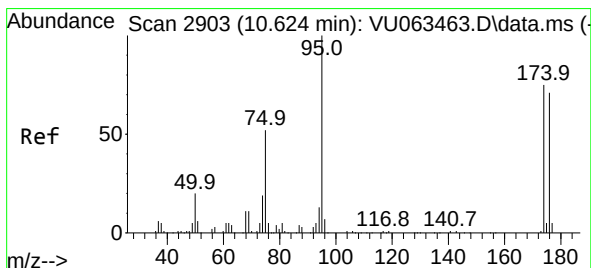
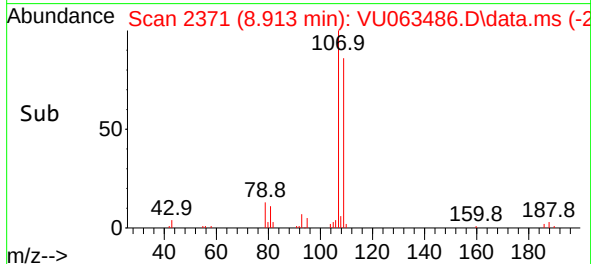
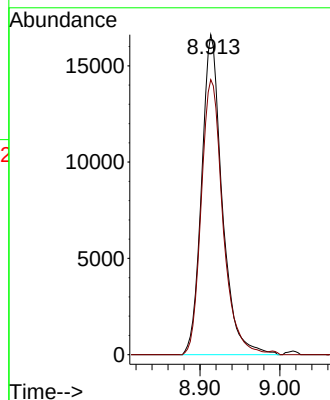
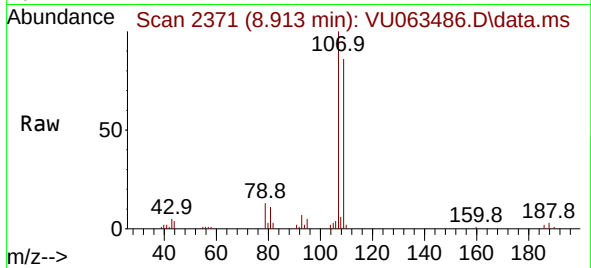




#61
1,2-Dibromoethane
Concen: 21.196 ug/l
RT: 8.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

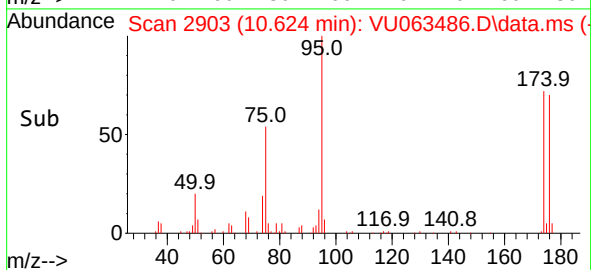
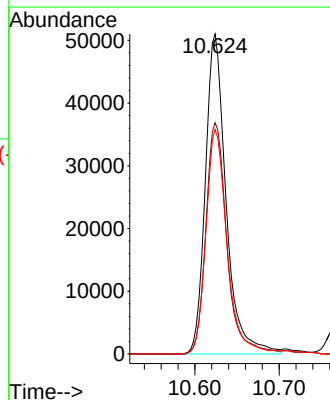
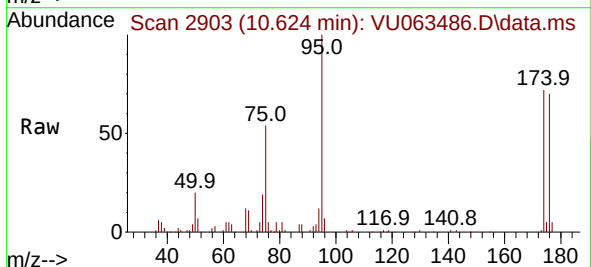
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

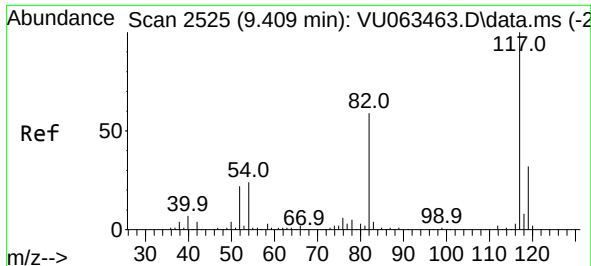
Tgt Ion:107 Resp: 29830
Ion Ratio Lower Upper
107 100
109 90.1 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 50.430 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 95 Resp: 87468
Ion Ratio Lower Upper
95 100
174 73.0 0.0 153.6
176 72.3 0.0 145.8

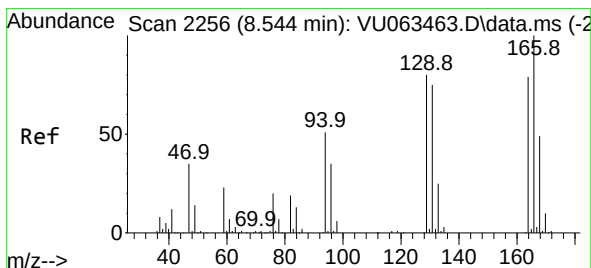
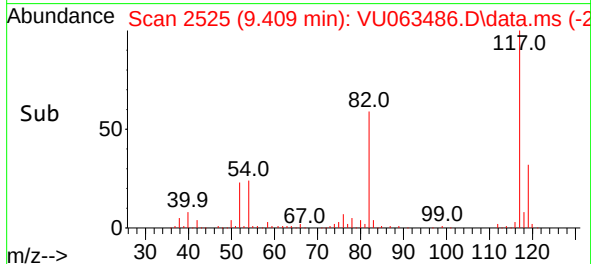
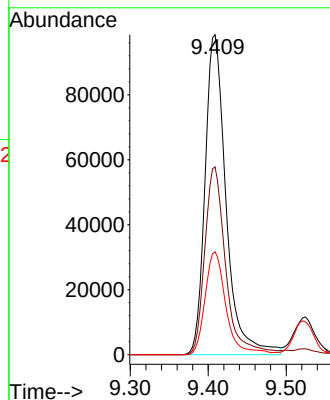
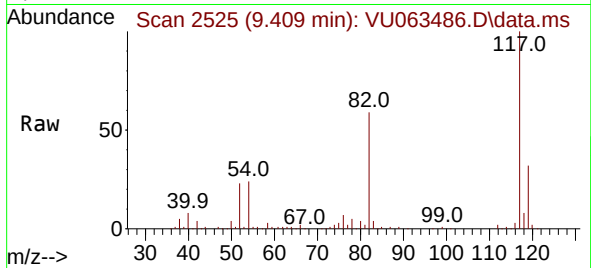




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

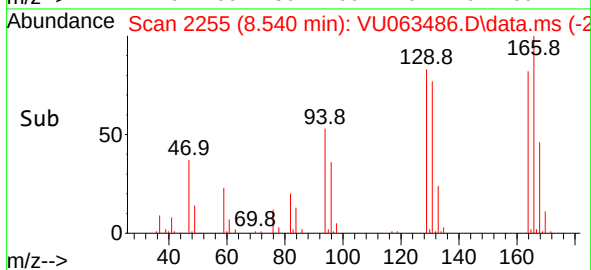
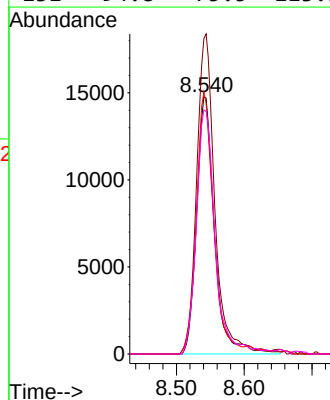
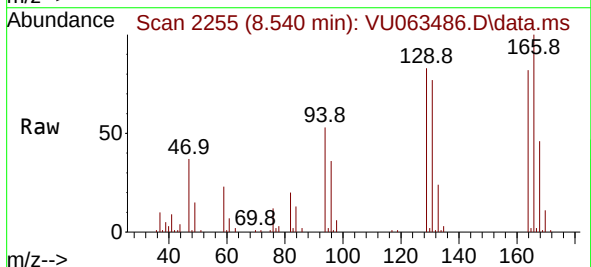
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

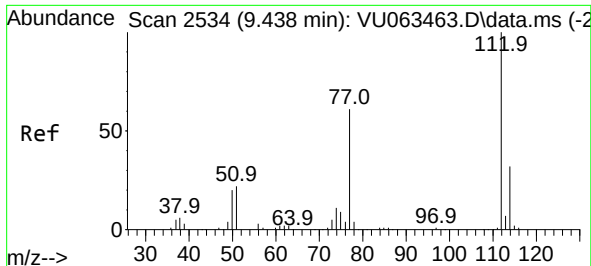
Tgt Ion:117 Resp: 184725
Ion Ratio Lower Upper
117 100
82 58.7 47.1 70.7
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.748 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.004 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:164 Resp: 27156
Ion Ratio Lower Upper
164 100
166 122.6 100.9 151.3
129 101.8 80.9 121.3
131 94.8 75.5 113.3

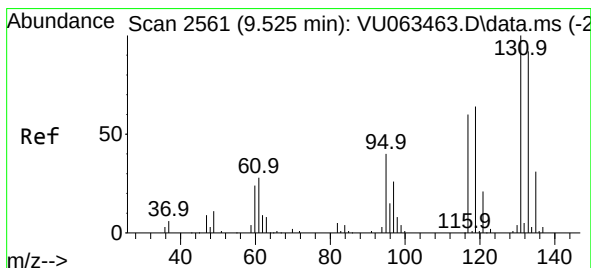
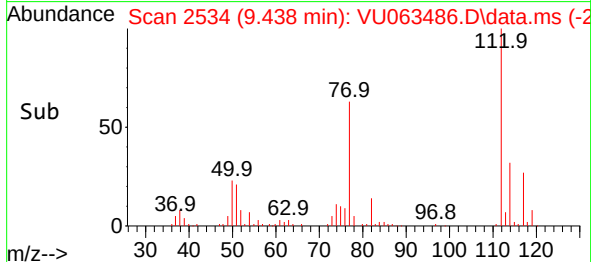
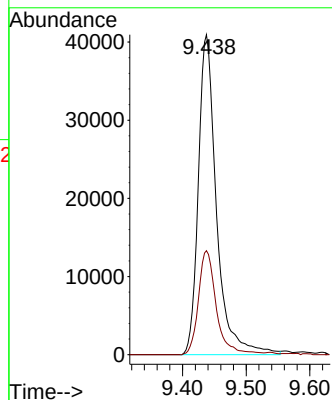
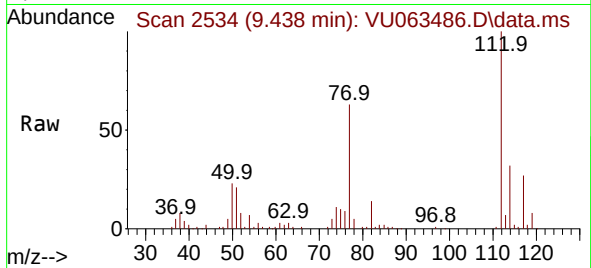




#65
Chlorobenzene
Concen: 21.141 ug/l
RT: 9.438 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

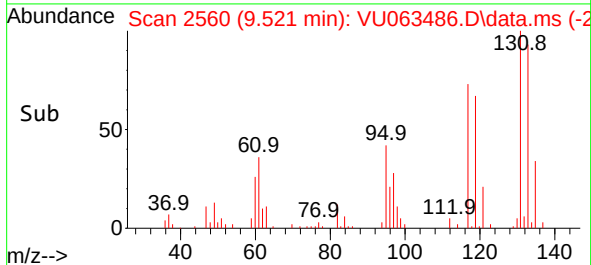
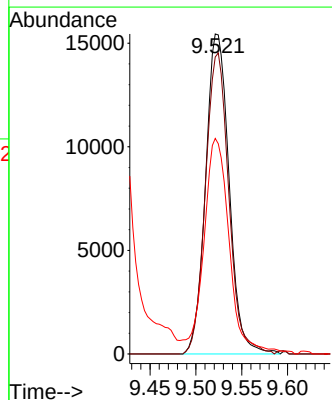
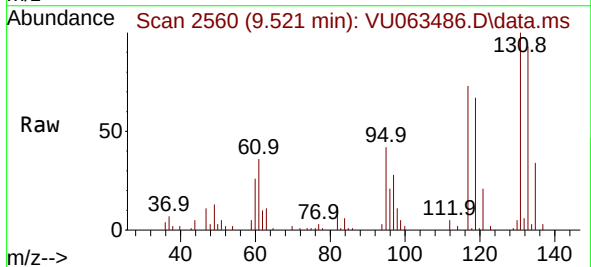
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

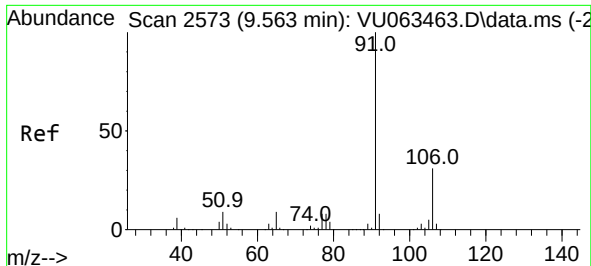
Tgt Ion:112 Resp: 81248
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.882 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:131 Resp: 27523
Ion Ratio Lower Upper
131 100
133 93.6 46.4 139.2
119 72.8 33.3 99.9





#67

Ethyl Benzene

Concen: 20.764 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

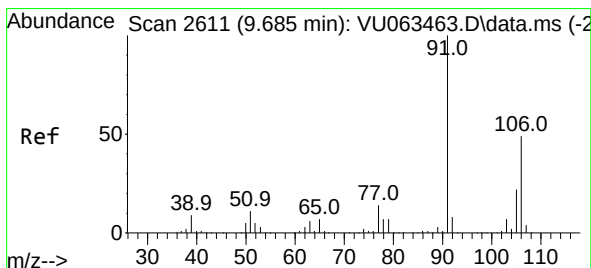
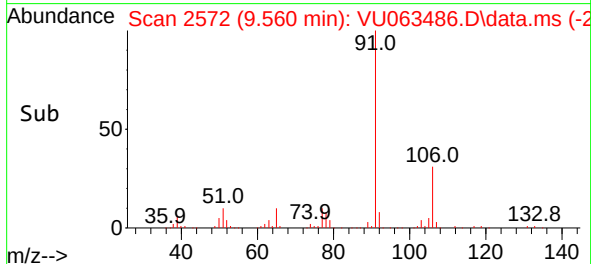
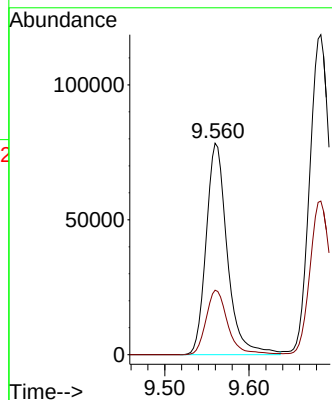
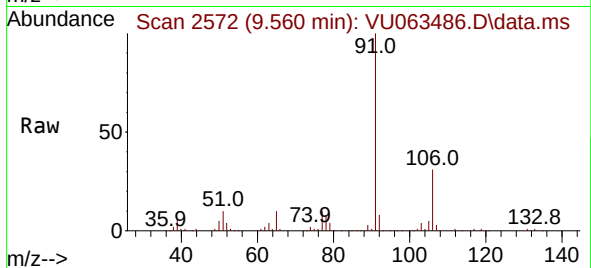
VU0711WBS01

Tgt Ion: 91 Resp: 137154

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 41.128 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063486.D

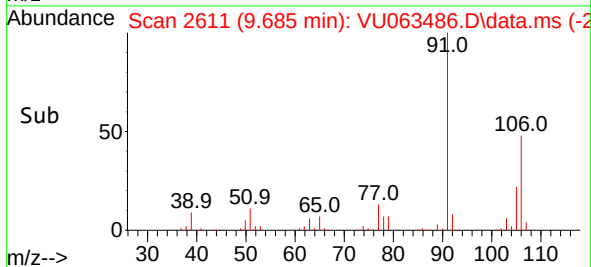
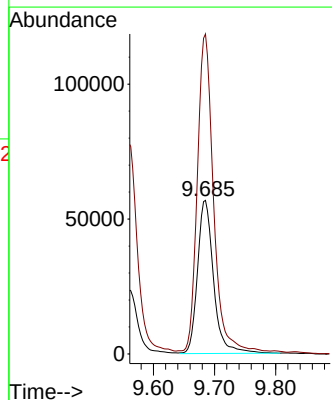
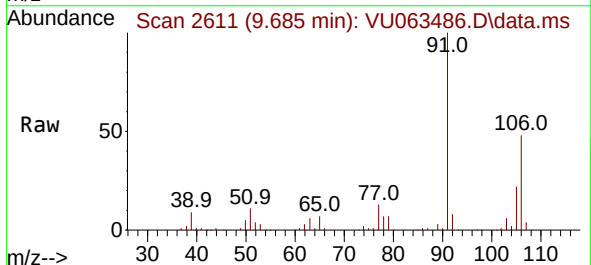
Acq: 11 Jul 2025 10:23

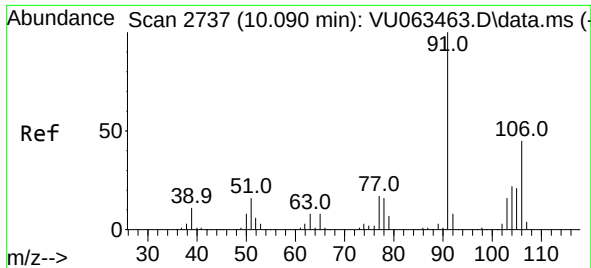
Tgt Ion:106 Resp: 103679

Ion Ratio Lower Upper

106 100

91 206.9 163.6 245.4

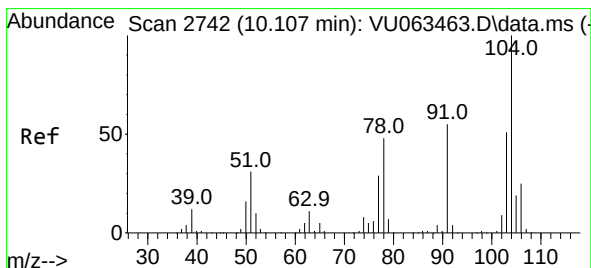
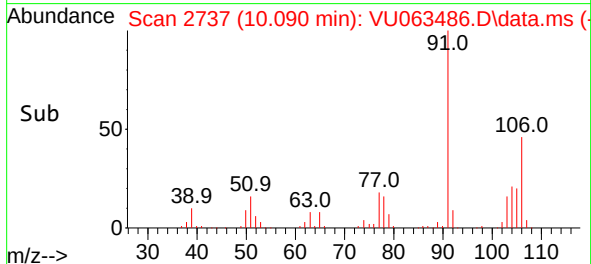
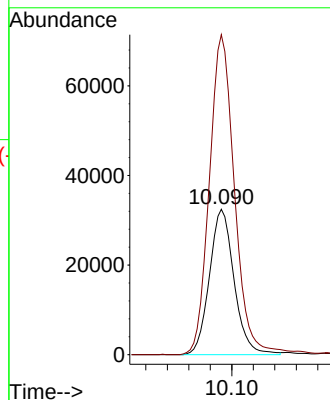
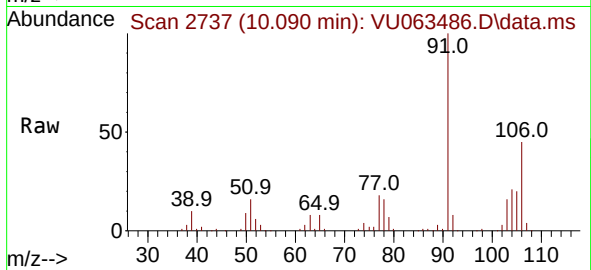




#69
o-Xylene
Concen: 20.163 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

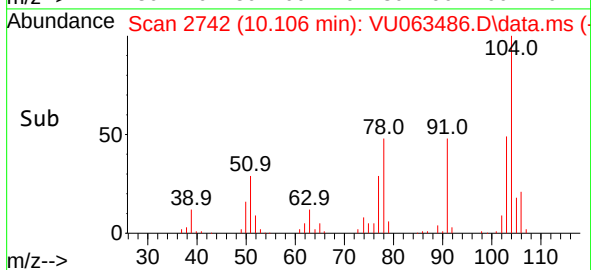
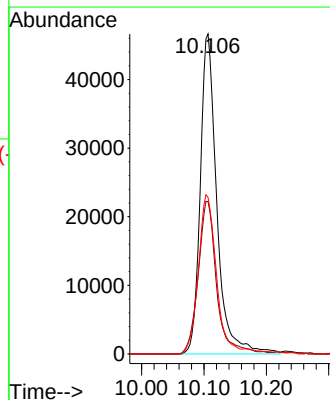
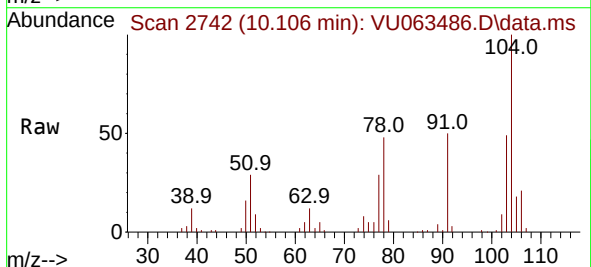
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

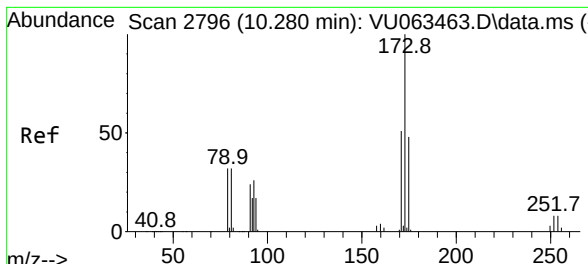
Tgt Ion:106 Resp: 51676
Ion Ratio Lower Upper
106 100
91 225.8 110.7 331.9



#70
Styrene
Concen: 21.180 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:104 Resp: 86310
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.0
103 53.4 44.3 66.5

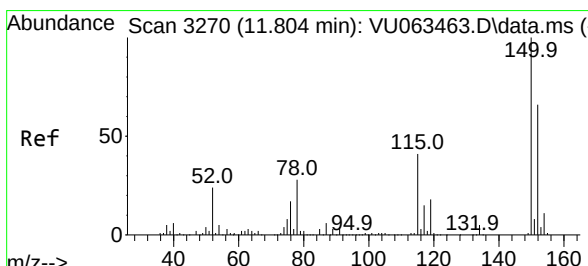
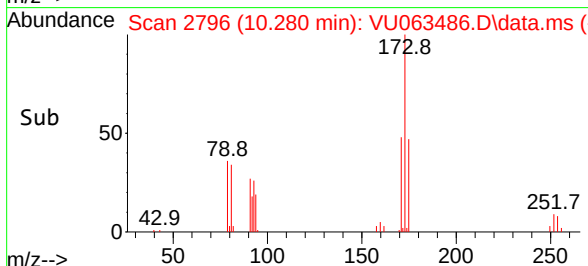
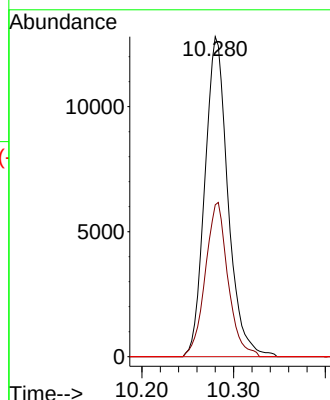
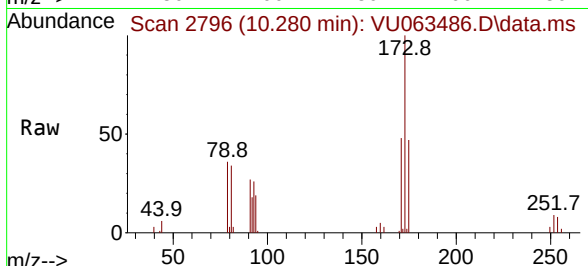




#71
Bromoform
Concen: 19.451 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

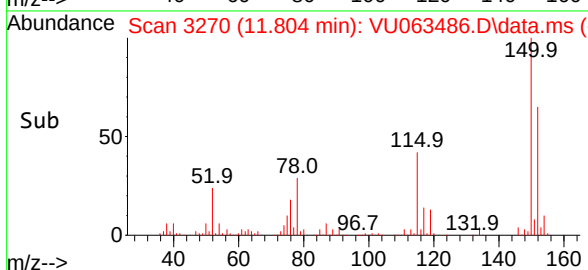
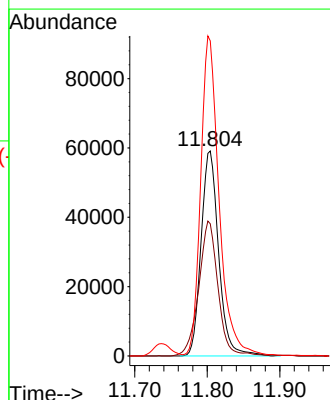
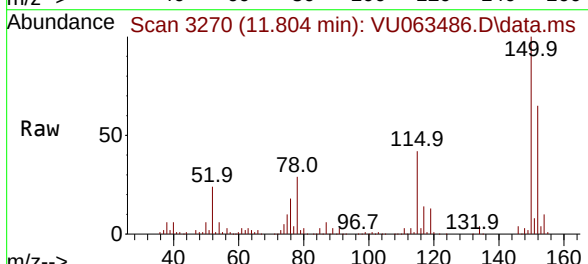
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

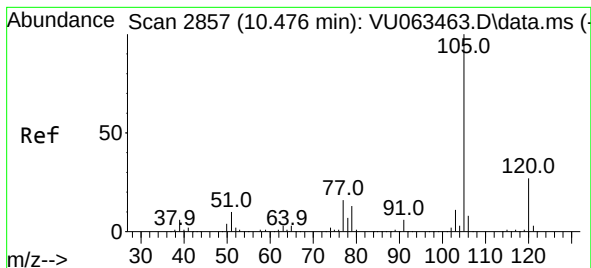
Tgt Ion:173 Resp: 22346
Ion Ratio Lower Upper
173 100
175 47.5 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:152 Resp: 99757
Ion Ratio Lower Upper
152 100
115 71.7 43.4 130.2
150 162.4 0.0 341.4





#73

Isopropylbenzene

Concen: 20.941 ug/l

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

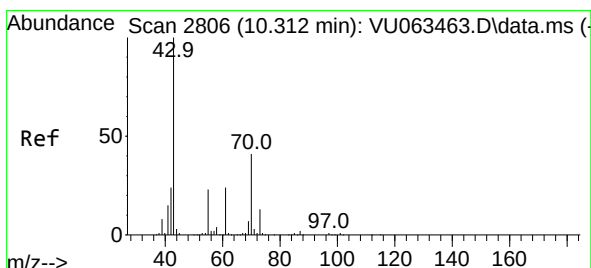
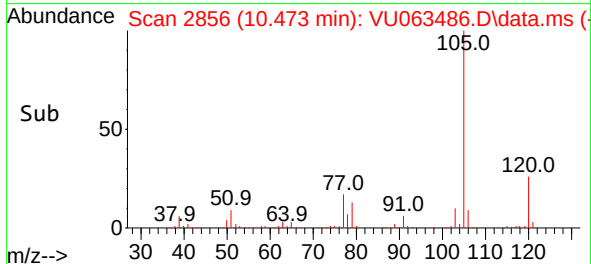
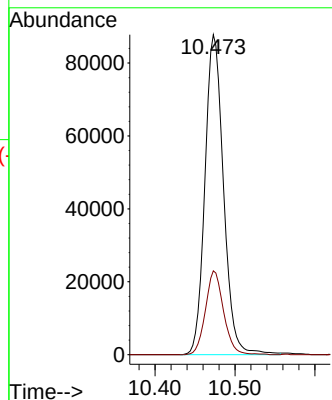
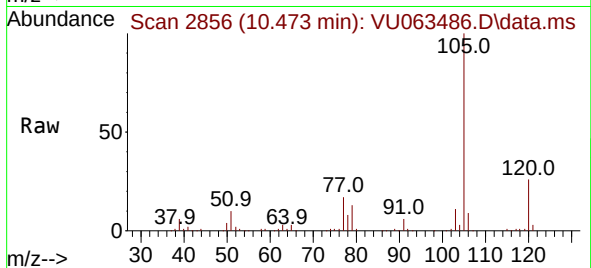
VU0711WBS01

Tgt Ion:105 Resp: 142143

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 20.104 ug/l

RT: 10.312 min Scan# 2806

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Tgt Ion: 43 Resp: 61196

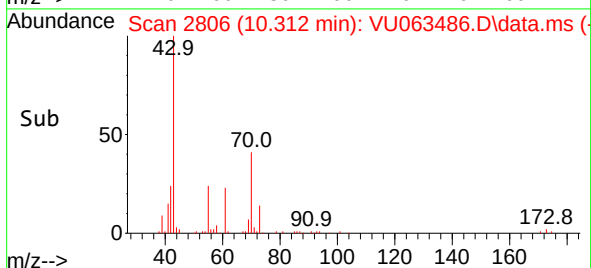
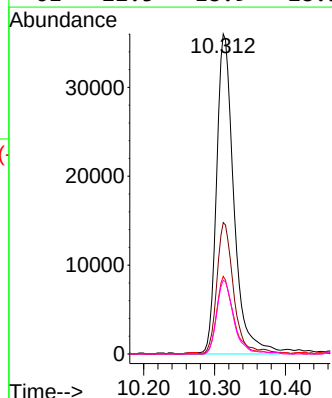
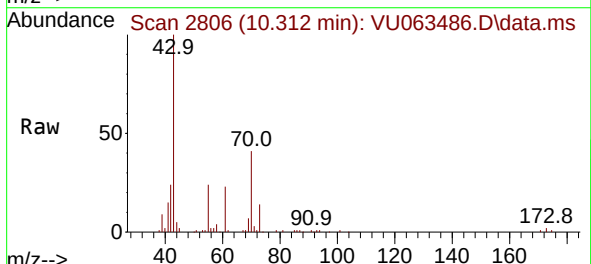
Ion Ratio Lower Upper

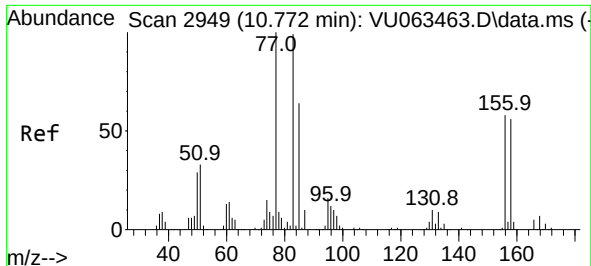
43 100

70 39.0 32.6 48.8

55 23.7 18.6 27.8

61 22.5 18.9 28.3

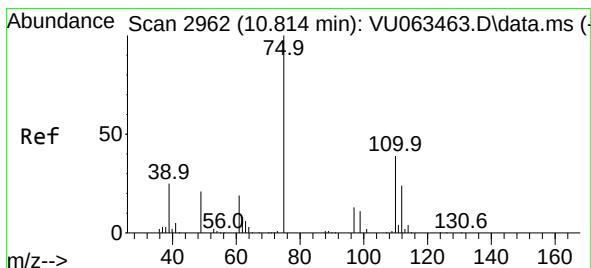
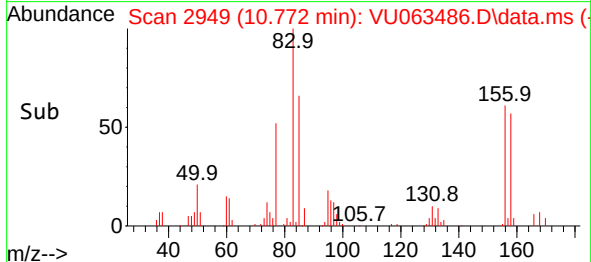
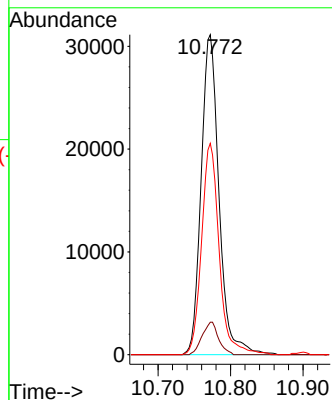
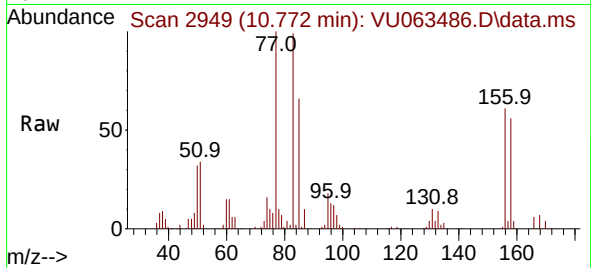




#75
1,1,2,2-Tetrachloroethane
Concen: 21.333 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

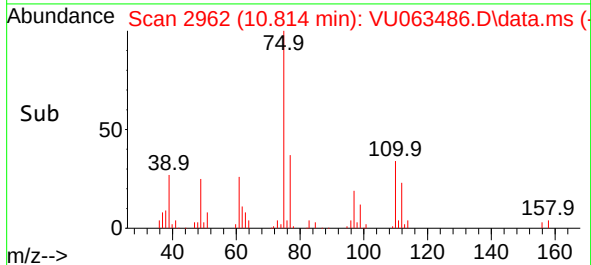
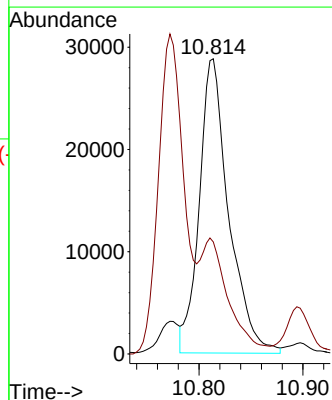
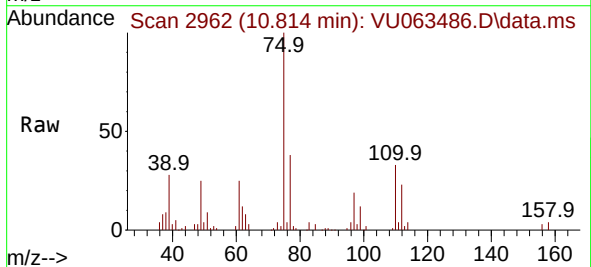
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

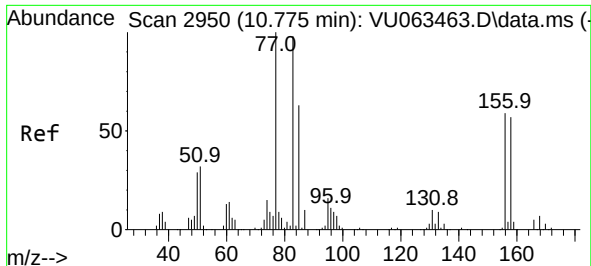
Tgt Ion: 83 Resp: 53301
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 65.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 21.462 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 75 Resp: 56733
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

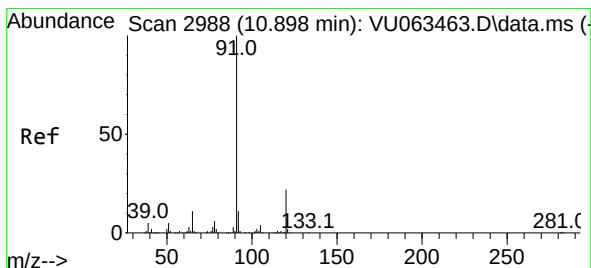
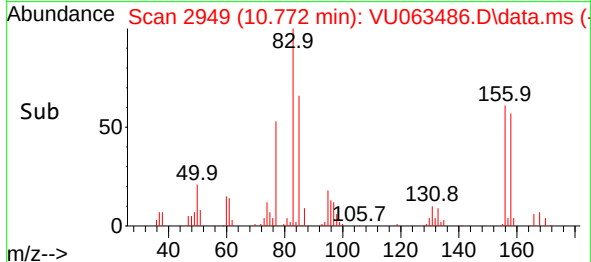
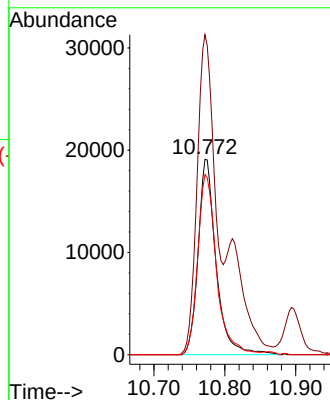
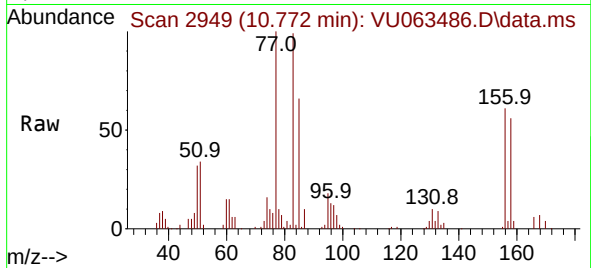




#77
Bromobenzene
Concen: 20.199 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

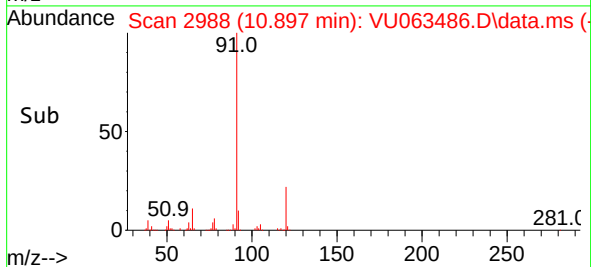
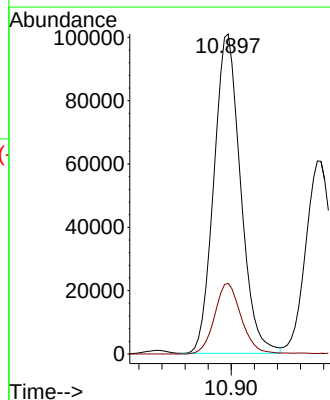
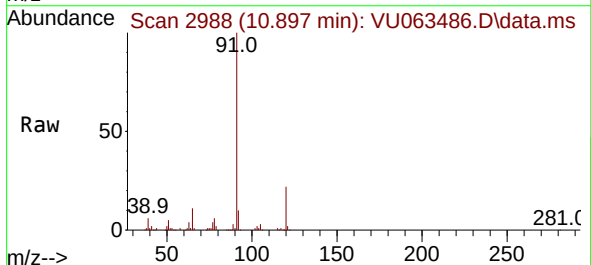
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

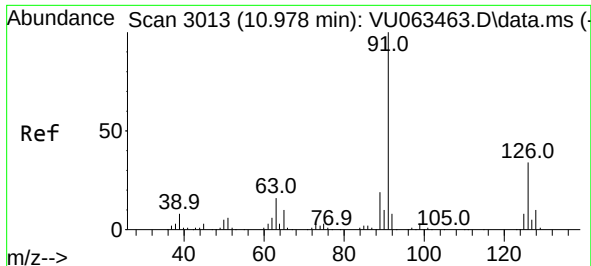
Tgt Ion:156 Resp: 33608
Ion Ratio Lower Upper
156 100
77 160.3 78.2 234.6
158 96.5 46.8 140.4



#78
n-propylbenzene
Concen: 20.593 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 91 Resp: 162104
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4

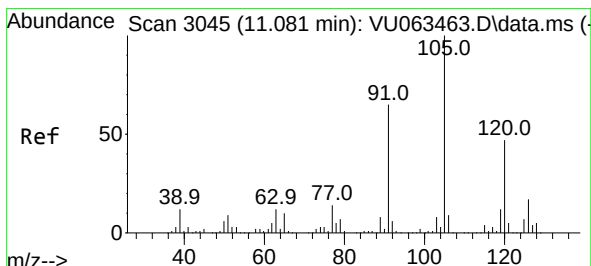
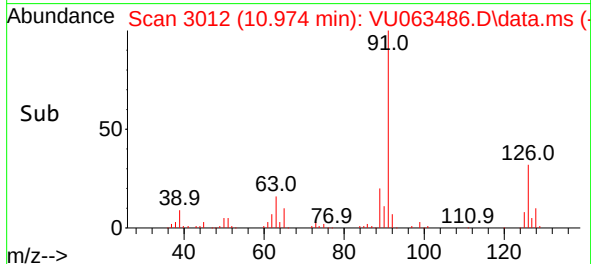
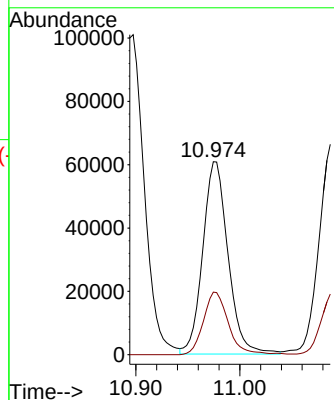
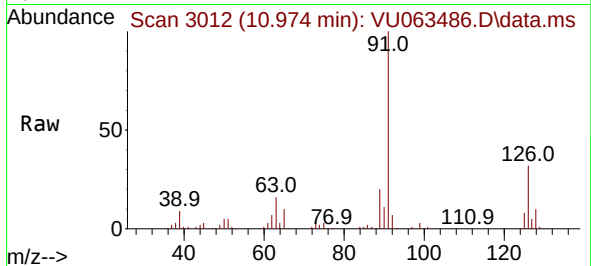




#79
2-Chlorotoluene
Concen: 20.864 ug/l
RT: 10.974 min Scan# 3012
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

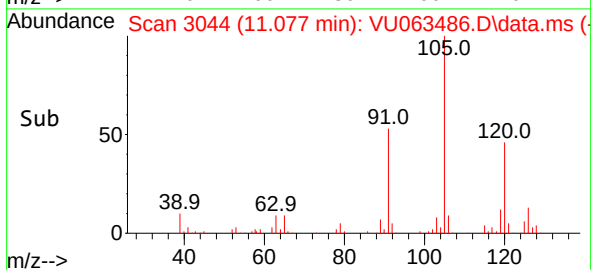
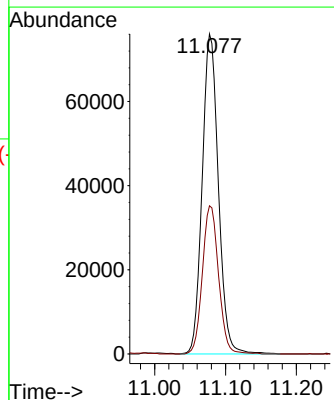
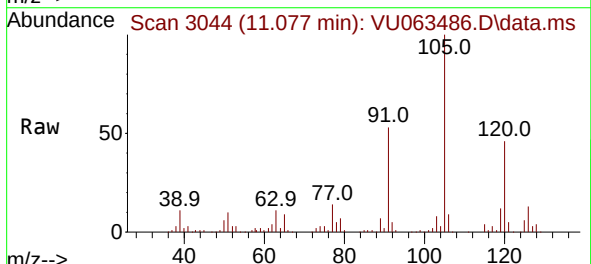
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

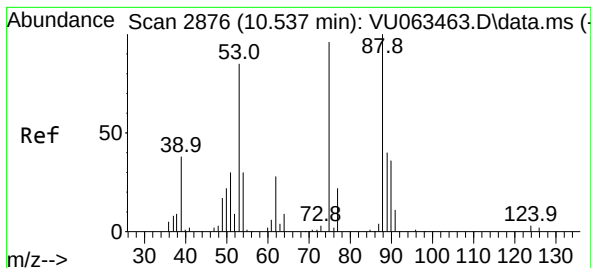
Tgt Ion: 91 Resp: 103007
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 20.326 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 105 Resp: 120675
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.2

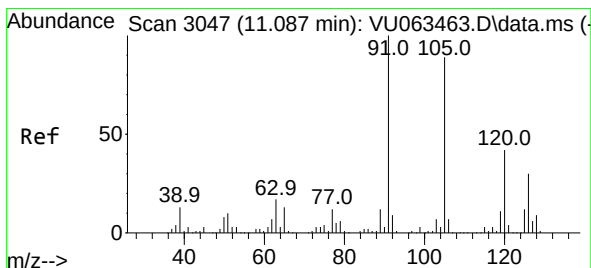
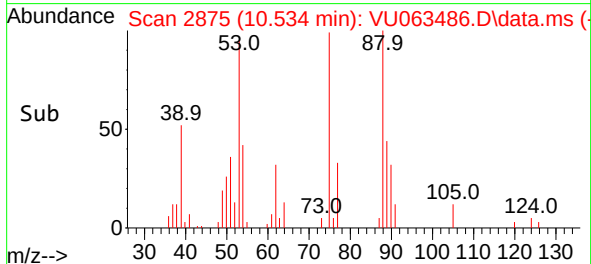
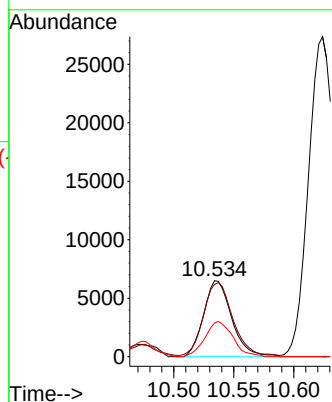
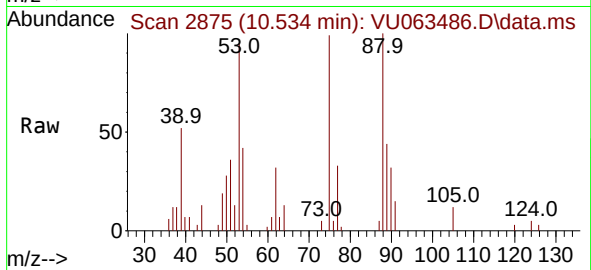




#81
trans-1,4-Dichloro-2-butene
Concen: 19.970 ug/l
RT: 10.534 min Scan# 2875
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

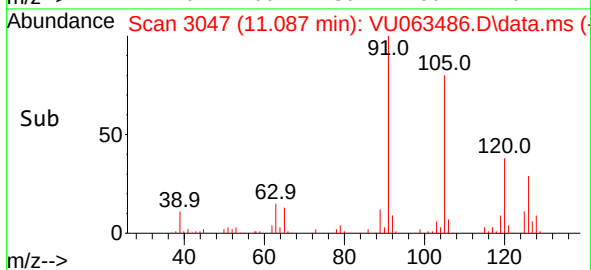
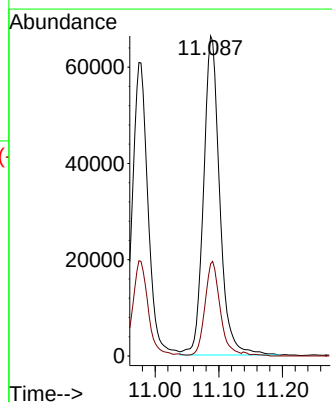
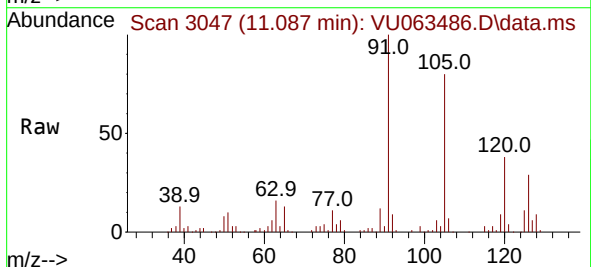
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

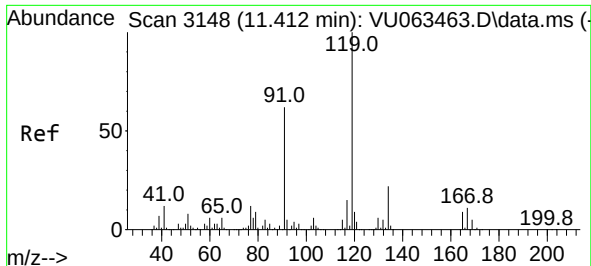
Tgt Ion: 75 Resp: 10584
Ion Ratio Lower Upper
75 100
53 103.0 74.6 111.8
89 45.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 20.899 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion: 91 Resp: 117137
Ion Ratio Lower Upper
91 100
126 27.0 14.4 43.2

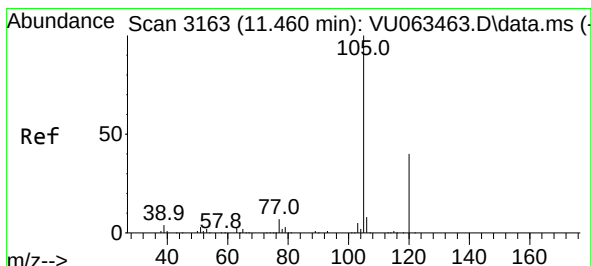
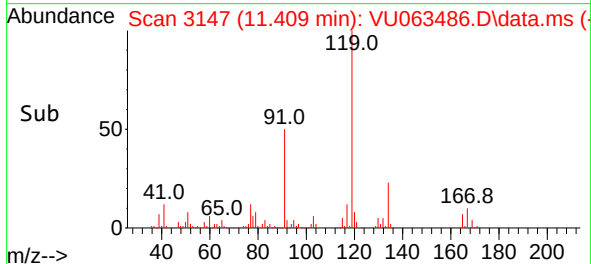
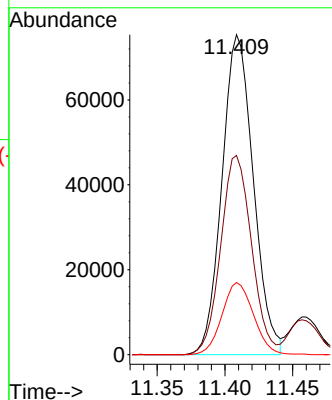
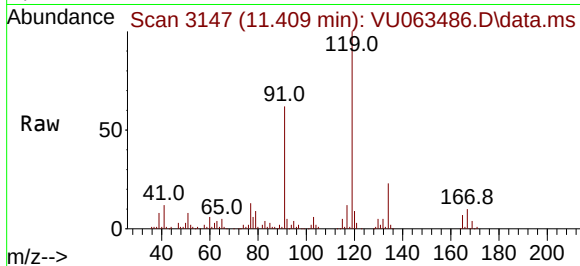




#83
tert-Butylbenzene
Concen: 21.304 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

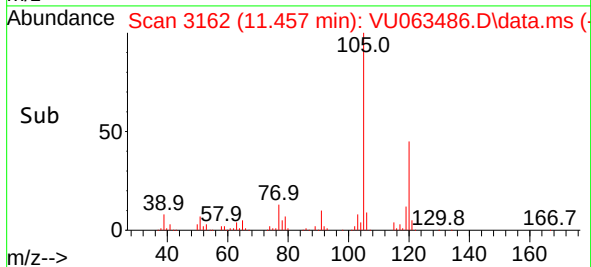
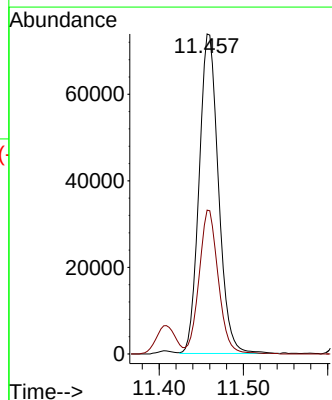
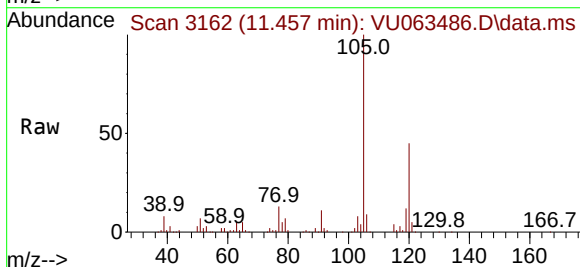
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

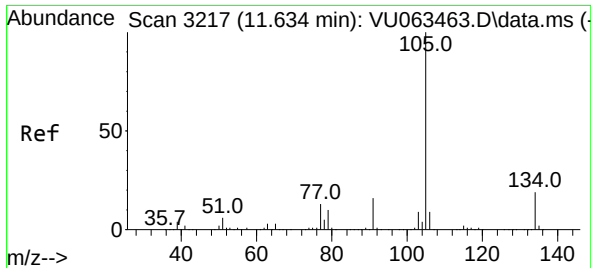
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.3	91.0
134	22.7	11.2	33.6



#84
1,2,4-Trimethylbenzene
Concen: 20.217 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3

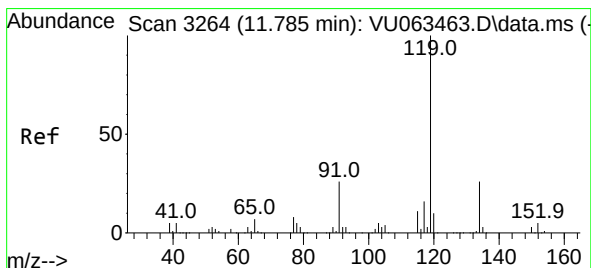
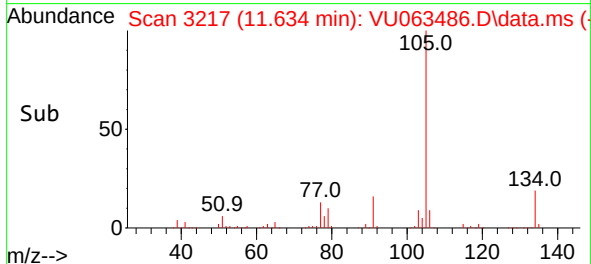
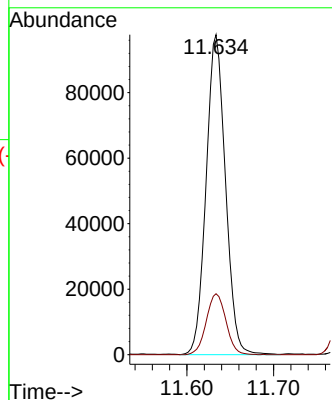
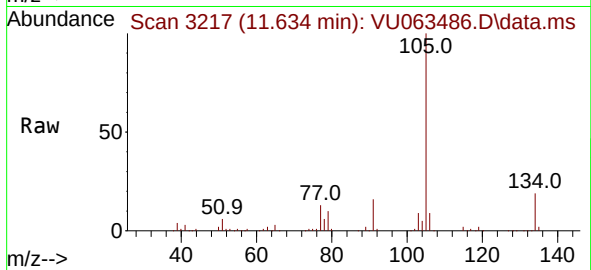




#85
 sec-Butylbenzene
 Concen: 20.200 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

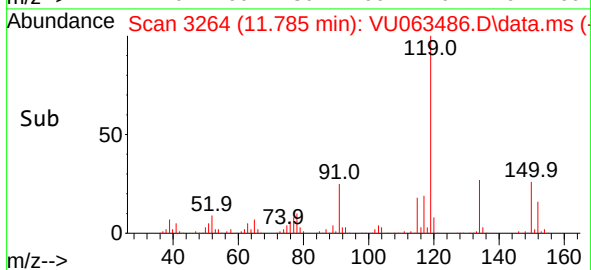
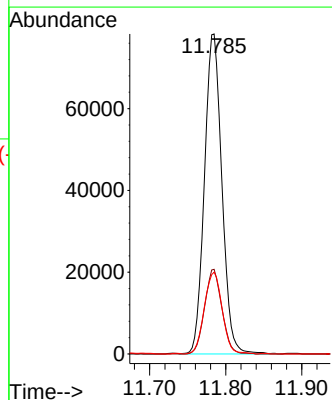
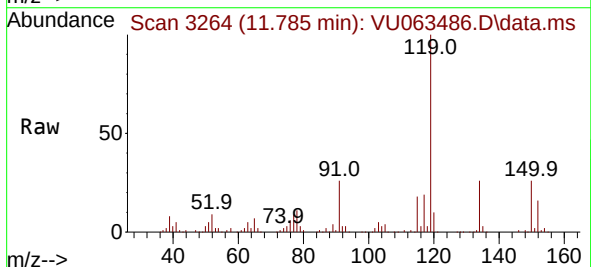
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

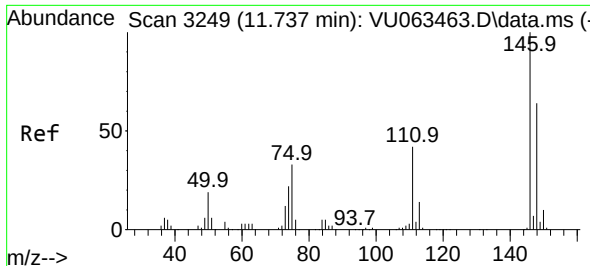
Tgt Ion:105 Resp: 151758
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.451 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

Tgt Ion:119 Resp: 124651
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 26.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.692 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063486.D

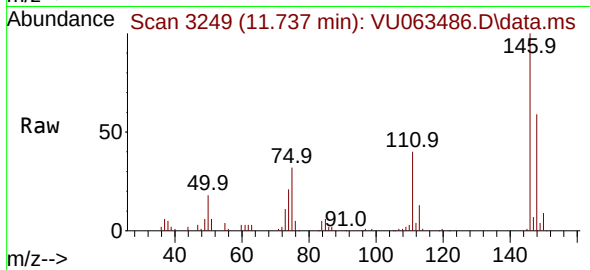
Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01



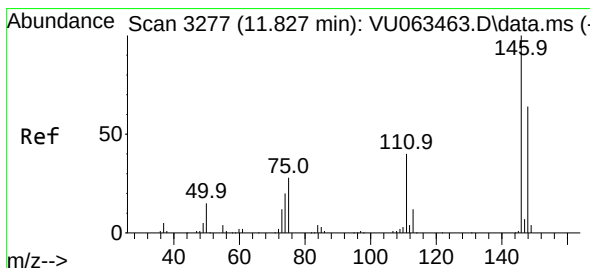
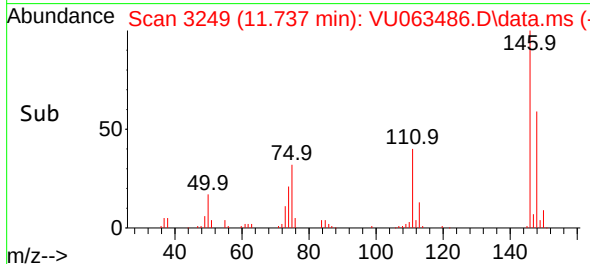
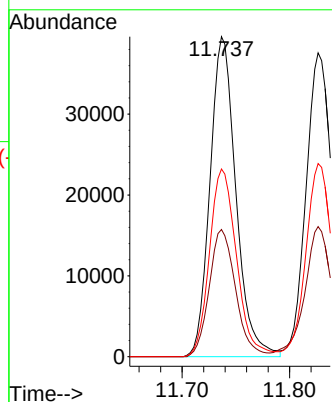
Tgt Ion:146 Resp: 66343

Ion Ratio Lower Upper

146 100

111 40.5 20.9 62.7

148 61.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.200 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

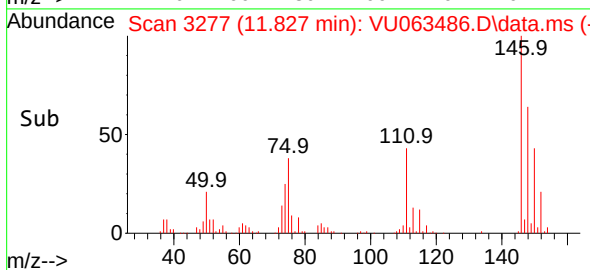
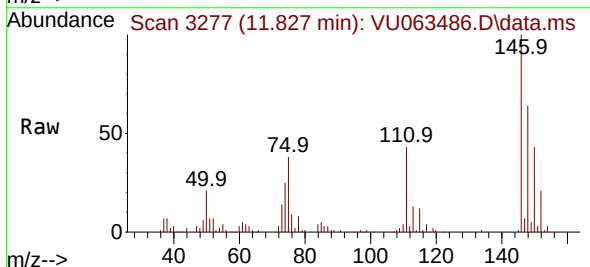
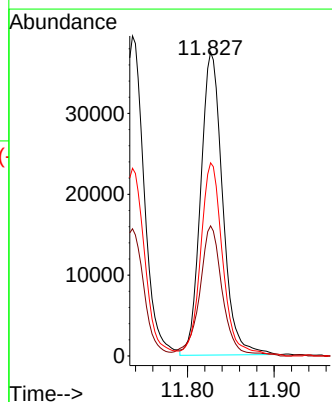
Tgt Ion:146 Resp: 66031

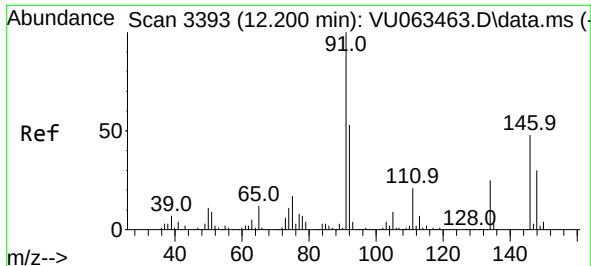
Ion Ratio Lower Upper

146 100

111 44.7 20.8 62.4

148 64.9 31.9 95.9

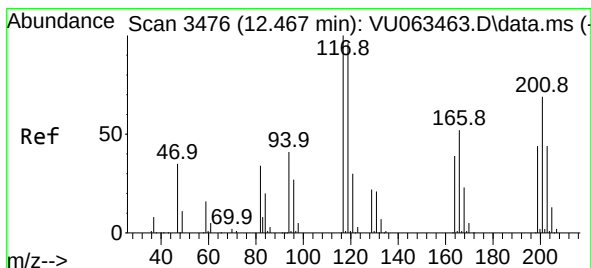
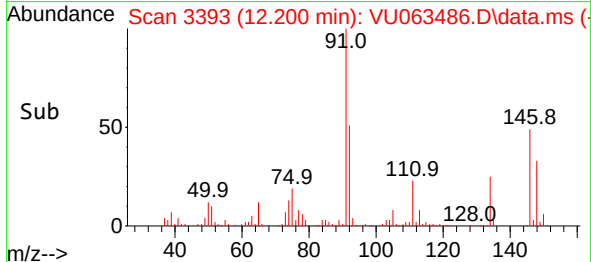
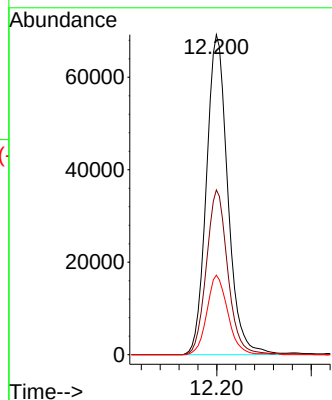
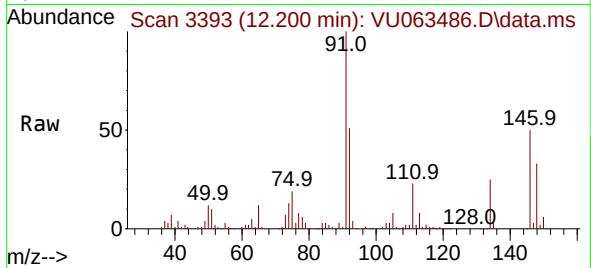




#89
n-Butylbenzene
Concen: 19.290 ug/l
RT: 12.200 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

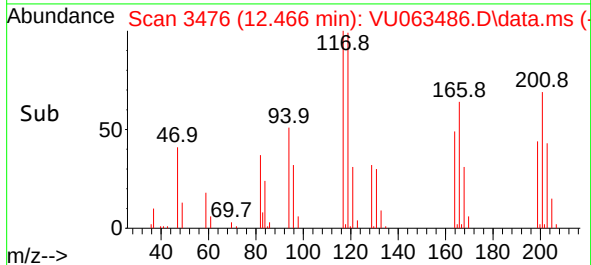
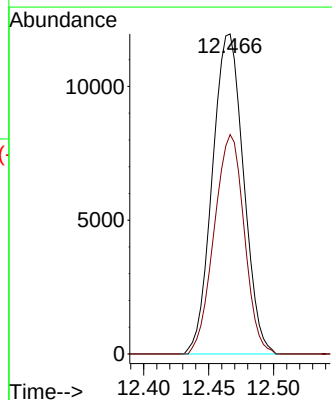
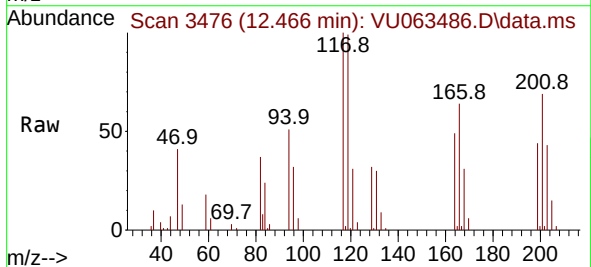
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

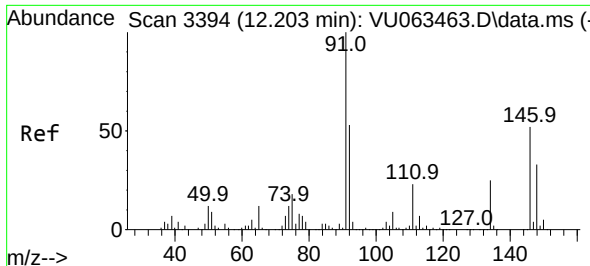
Tgt Ion: 91 Resp: 108819
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.2
134 24.4 12.4 37.0



#90
Hexachloroethane
Concen: 19.568 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:117 Resp: 19948
Ion Ratio Lower Upper
117 100
201 66.2 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 20.464 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS01

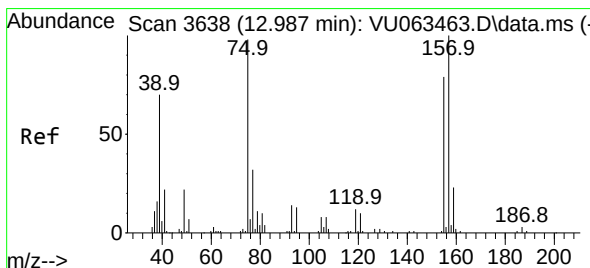
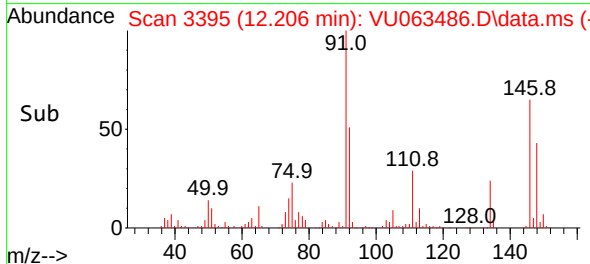
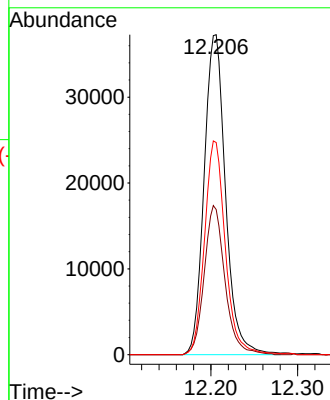
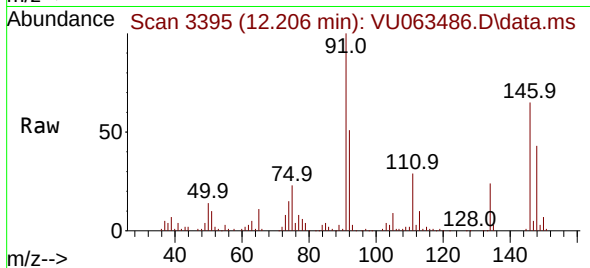
Tgt Ion:146 Resp: 63980

Ion Ratio Lower Upper

146 100

111 45.2 21.9 65.5

148 65.0 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.655 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063486.D

Acq: 11 Jul 2025 10:23

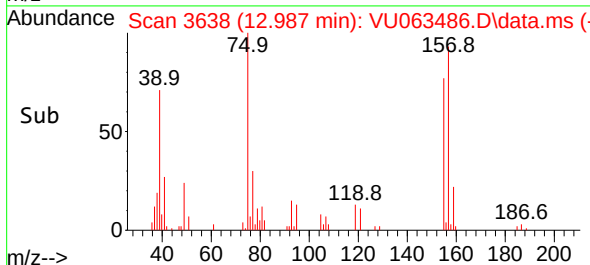
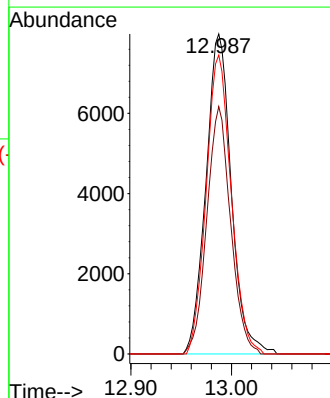
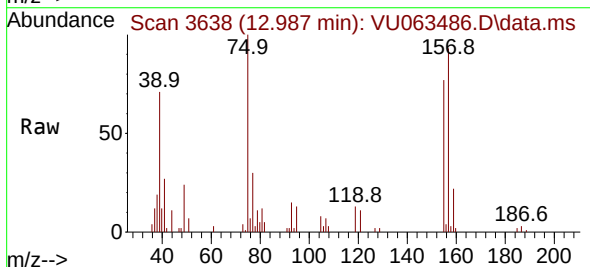
Tgt Ion: 75 Resp: 13998

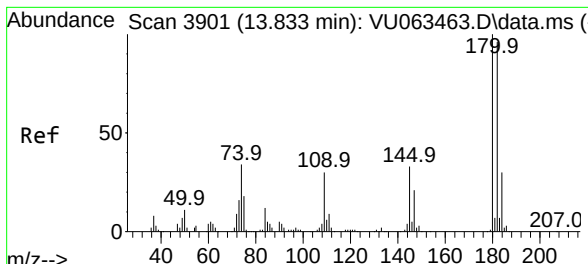
Ion Ratio Lower Upper

75 100

155 72.6 39.1 117.5

157 92.1 49.4 148.2

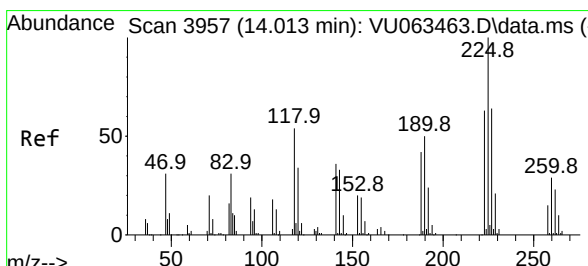
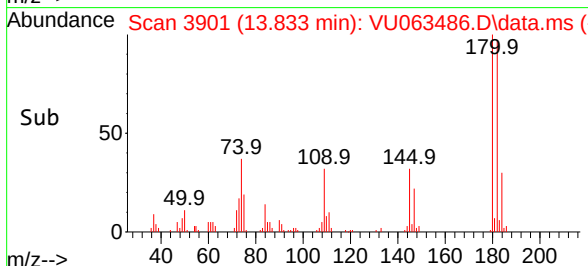
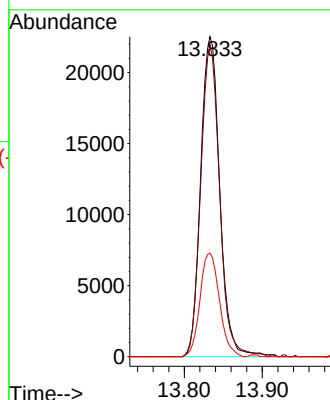
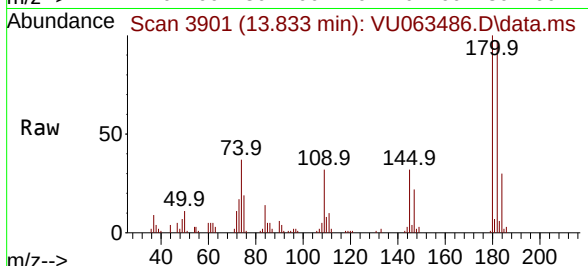




#93
 1,2,4-Trichlorobenzene
 Concen: 19.150 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

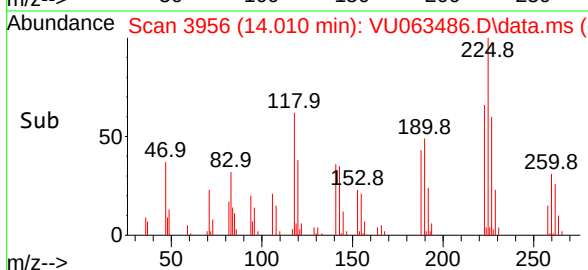
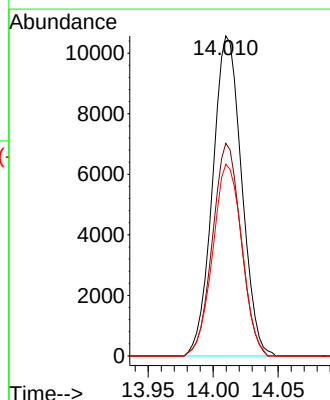
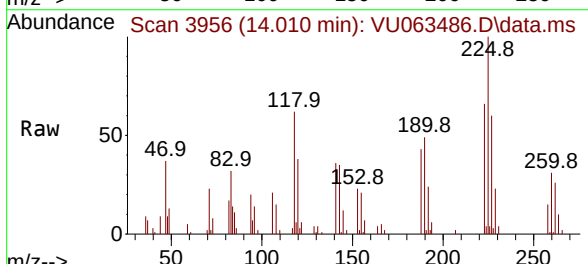
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

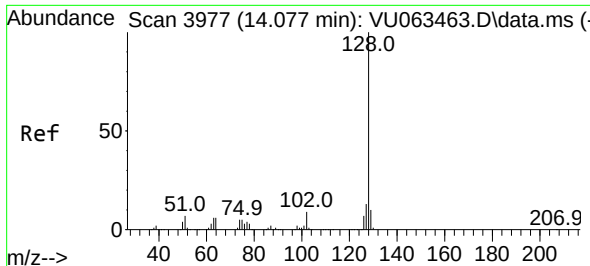
Tgt Ion:	180	Resp:	38343
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.7	143.1
145	33.0	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 19.137 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.003 min
 Lab File: VU063486.D
 Acq: 11 Jul 2025 10:23

Tgt Ion:	225	Resp:	16379
Ion Ratio	Lower	Upper	
225	100		
223	65.1	32.4	97.0
227	60.8	32.3	96.9

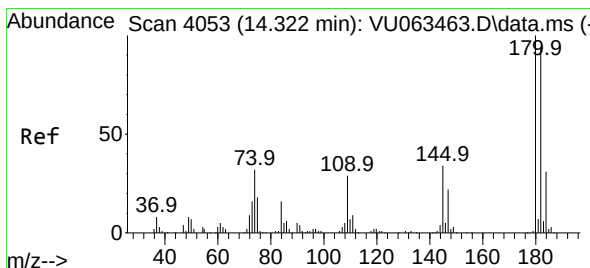
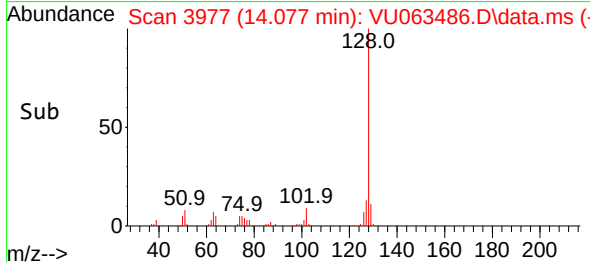
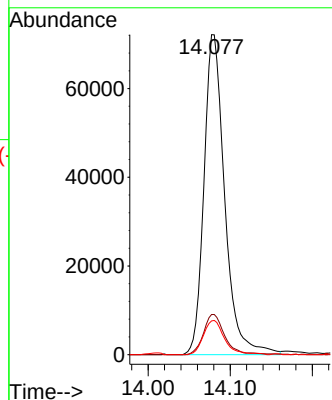
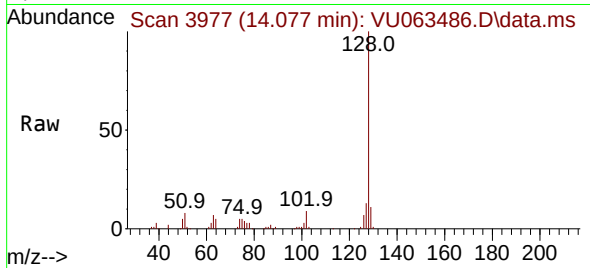




#95
Naphthalene
Concen: 19.332 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Tgt Ion:128 Resp: 126762
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.525 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063486.D
Acq: 11 Jul 2025 10:23

Tgt Ion:180 Resp: 38419
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 34.9 17.2 51.5

