

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063487.D
 Acq On : 11 Jul 2025 10:46
 Operator : MD/SY
 Sample : VU0711WBSD01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

Quant Time: Jul 12 03:47:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	109967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	192890	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.406	117	178576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	95576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	78057	55.634	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.260%	
35) Dibromofluoromethane	5.277	113	61058	52.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	7.888	98	191373	50.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	10.624	95	86135	51.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	16812	19.223	ug/l	92
3) Chloromethane	1.518	50	19731	18.522	ug/l	98
4) Vinyl Chloride	1.599	62	23581	19.964	ug/l	95
5) Bromomethane	1.846	94	19193	23.192	ug/l	99
6) Chloroethane	1.924	64	16968	19.826	ug/l	97
7) Trichlorofluoromethane	2.129	101	40273	21.135	ug/l	99
8) Diethyl Ether	2.370	74	17359	21.859	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.567	101	24570	21.800	ug/l	98
10) Methyl Iodide	2.708	142	22636	19.228	ug/l	98
11) Tert butyl alcohol	3.194	59	63860	135.751	ug/l	96
12) 1,1-Dichloroethene	2.567	96	22167	21.128	ug/l	99
13) Acrolein	2.480	56	5689	85.678	ug/l	87
14) Allyl chloride	2.907	41	53308	21.346	ug/l	96
15) Acrylonitrile	3.303	53	131248	130.252	ug/l	98
16) Acetone	2.621	43	126874	107.798	ug/l	100
17) Carbon Disulfide	2.776	76	44464	17.729	ug/l	95
18) Methyl Acetate	2.940	43	80772	26.667	ug/l	100
19) Methyl tert-butyl Ether	3.358	73	101854	22.510	ug/l	99
20) Methylene Chloride	3.030	84	29170	16.998	ug/l	97
21) trans-1,2-Dichloroethene	3.335	96	23515	20.862	ug/l	98
22) Diisopropyl ether	3.988	45	89210	20.979	ug/l	90
23) Vinyl Acetate	3.946	43	362131	109.754	ug/l	99
24) 1,1-Dichloroethane	3.850	63	52394	21.711	ug/l	98
25) 2-Butanone	4.705	43	162664	123.114	ug/l	98
26) 2,2-Dichloropropane	4.647	77	43901	20.909	ug/l	97
27) cis-1,2-Dichloroethene	4.650	96	32221	21.656	ug/l	98
28) Bromochloromethane	4.959	49	23131	20.404	ug/l	99
29) Tetrahydrofuran	5.052	42	105523	126.608	ug/l	98
30) Chloroform	5.075	83	54904	21.549	ug/l	99
31) Cyclohexane	5.367	56	38626	19.910	ug/l	93
32) 1,1,1-Trichloroethane	5.296	97	46592	21.476	ug/l	99
36) 1,1-Dichloropropene	5.512	75	33928	21.475	ug/l	96
37) Ethyl Acetate	4.808	43	54510	21.305	ug/l	99
38) Carbon Tetrachloride	5.502	117	35637	20.472	ug/l	97
39) Methylcyclohexane	6.747	83	38195	20.008	ug/l	96
40) Benzene	5.759	78	107407	21.769	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.968	41	27559	22.827	ug/l	96
42) 1,2-Dichloroethane	5.782	62	42914	23.131	ug/l	97
43) Isopropyl Acetate	5.911	43	76046	22.376	ug/l	99
44) Trichloroethene	6.531	130	28546	21.620	ug/l	98
45) 1,2-Dichloropropane	6.779	63	30231	22.040	ug/l	99
46) Dibromomethane	6.907	93	22398	22.951	ug/l	98
47) Bromodichloromethane	7.094	83	43982	21.674	ug/l	93
48) Methyl methacrylate	6.959	41	37255	23.718	ug/l	99
49) 1,4-Dioxane	6.962	88	19559	567.450	ug/l	97
51) 4-Methyl-2-Pentanone	7.782	43	313666	127.517	ug/l	98
52) Toluene	7.959	92	69254	21.459	ug/l	92
53) t-1,3-Dichloropropene	8.200	75	35574	20.033	ug/l	98
54) cis-1,3-Dichloropropene	7.599	75	42763	21.513	ug/l	94
55) 1,1,2-Trichloroethane	8.390	97	30967	22.595	ug/l	97
56) Ethyl methacrylate	8.325	69	46969	21.245	ug/l	97
57) 1,3-Dichloropropane	8.566	76	50854	22.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.467	63	2406	104.803	ug/l #	81
59) 2-Hexanone	8.676	43	234734	126.167	ug/l	99
60) Dibromochloromethane	8.798	129	33267	21.668	ug/l	99
61) 1,2-Dibromoethane	8.914	107	29917	22.240	ug/l	98
64) Tetrachloroethene	8.544	164	26234	19.734	ug/l	94
65) Chlorobenzene	9.438	112	82696	22.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.525	131	26954	21.154	ug/l	96
67) Ethyl Benzene	9.560	91	137314	21.504	ug/l	99
68) m/p-Xylenes	9.685	106	103482	42.463	ug/l	98
69) o-Xylene	10.090	106	52066	21.014	ug/l	99
70) Styrene	10.107	104	88024	22.344	ug/l	98
71) Bromoform	10.280	173	23183	20.875	ug/l #	97
73) Isopropylbenzene	10.473	105	139940	21.518	ug/l	99
74) N-amyl acetate	10.312	43	65703	22.529	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.772	83	55494	23.182	ug/l	98
76) 1,2,3-Trichloropropane	10.814	75	61086	24.120	ug/l #	81
77) Bromobenzene	10.775	156	33877	21.251	ug/l	94
78) n-propylbenzene	10.894	91	166066	22.019	ug/l	98
79) 2-Chlorotoluene	10.975	91	105612	22.328	ug/l	98
80) 1,3,5-Trimethylbenzene	11.078	105	123315	21.679	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.537	75	10763	21.196	ug/l	91
82) 4-Chlorotoluene	11.087	91	121612	22.647	ug/l	99
83) tert-Butylbenzene	11.409	119	118319	21.690	ug/l	97
84) 1,2,4-Trimethylbenzene	11.460	105	121911	21.826	ug/l	100
85) sec-Butylbenzene	11.634	105	157031	21.816	ug/l	99
86) p-Isopropyltoluene	11.785	119	127032	21.754	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	66653	21.698	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	69898	22.318	ug/l	98
89) n-Butylbenzene	12.200	91	119596	22.128	ug/l	99
90) Hexachloroethane	12.463	117	20345	20.831	ug/l	95
91) 1,2-Dichlorobenzene	12.203	146	67252	22.451	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.987	75	14516	25.604	ug/l	96
93) 1,2,4-Trichlorobenzene	13.833	180	42992	22.411	ug/l	99
94) Hexachlorobutadiene	14.010	225	18008	21.960	ug/l	96
95) Naphthalene	14.081	128	153741	24.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	43452	23.049	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

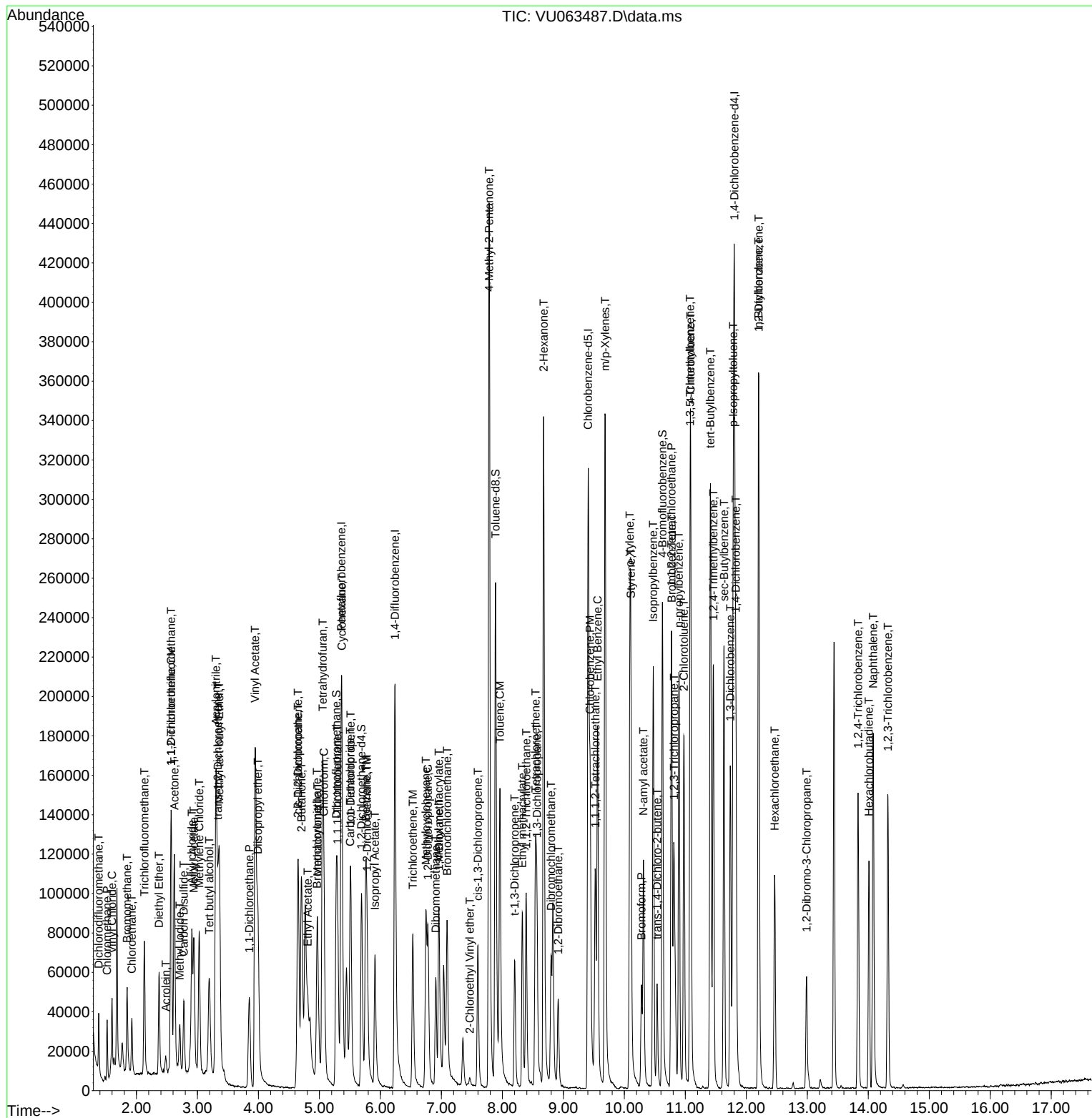
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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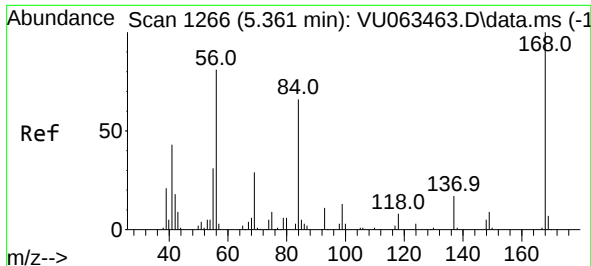
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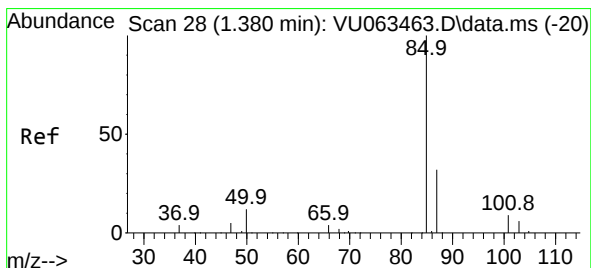
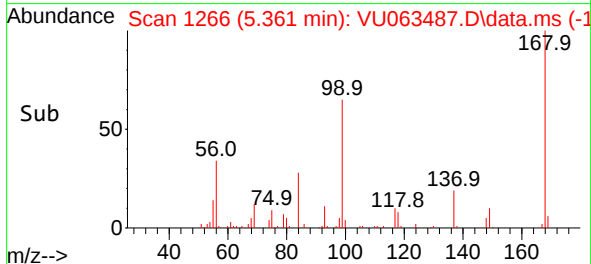
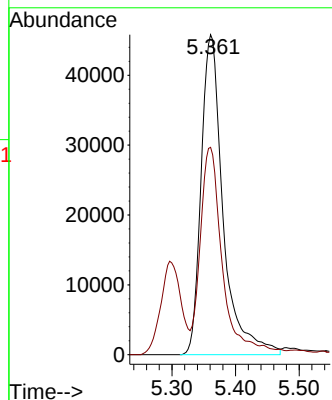
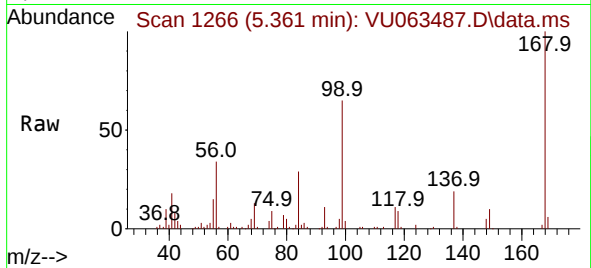




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
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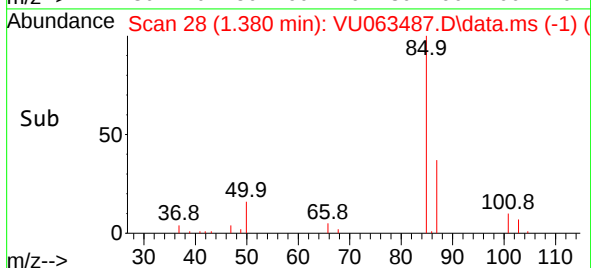
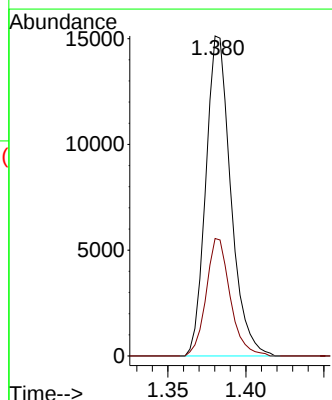
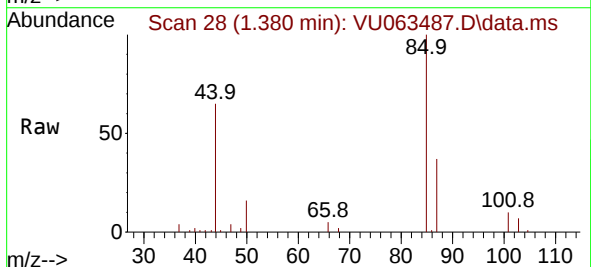
Instrument :
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ClientSampleId :
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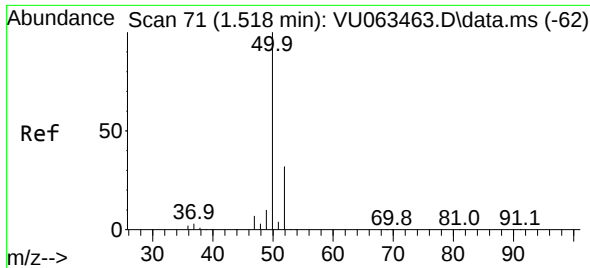
Tgt Ion:168 Resp: 109967
Ion Ratio Lower Upper
168 100
99 63.1 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 19.223 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 85 Resp: 16812
Ion Ratio Lower Upper
85 100
87 36.7 16.1 48.2

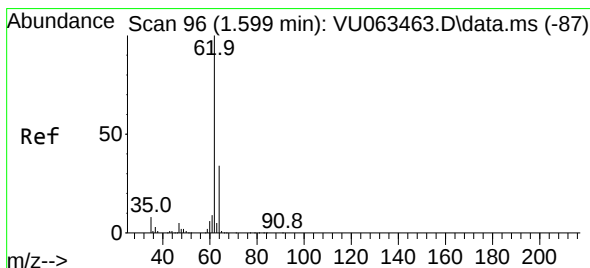
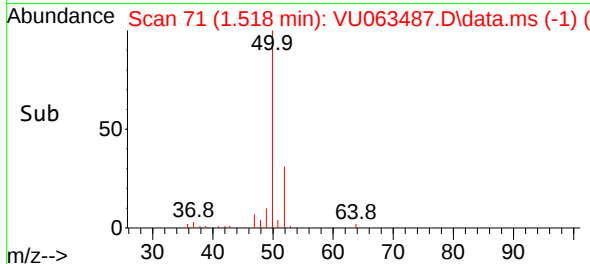
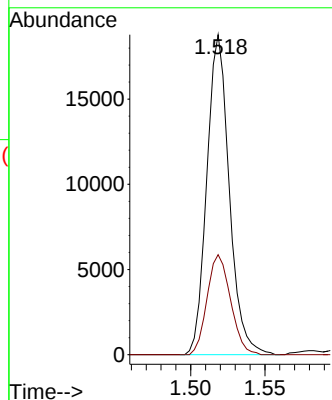
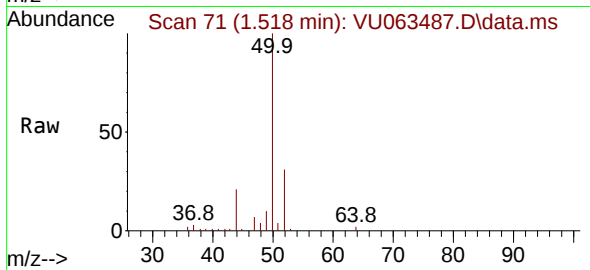




#3
Chloromethane
Concen: 18.522 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

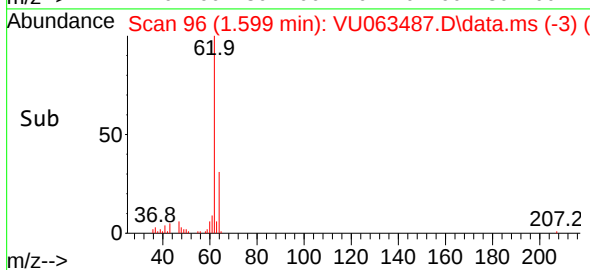
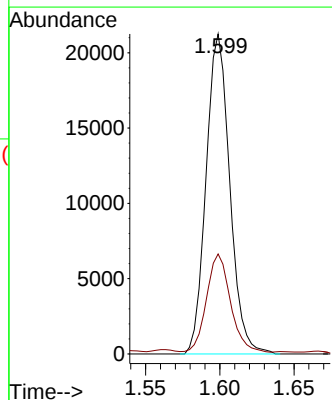
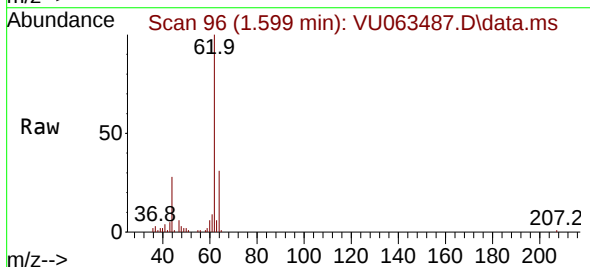
Instrument :
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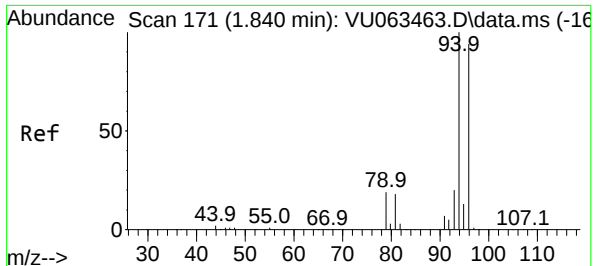
Tgt Ion: 50 Resp: 19731
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.8



#4
Vinyl Chloride
Concen: 19.964 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 62 Resp: 23581
Ion Ratio Lower Upper
62 100
64 30.5 26.9 40.3

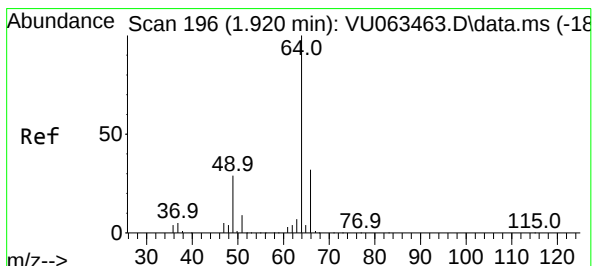
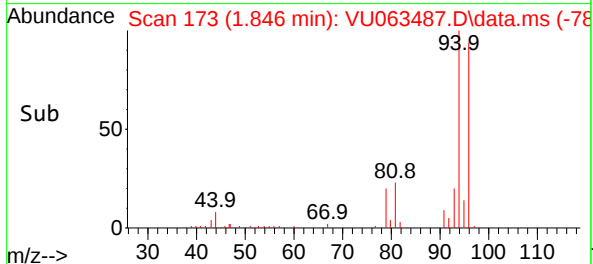
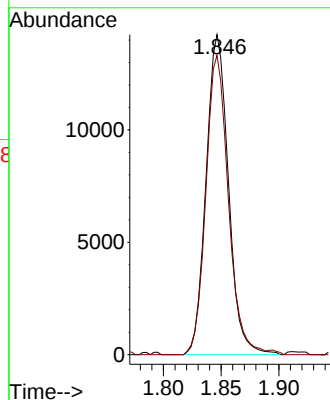
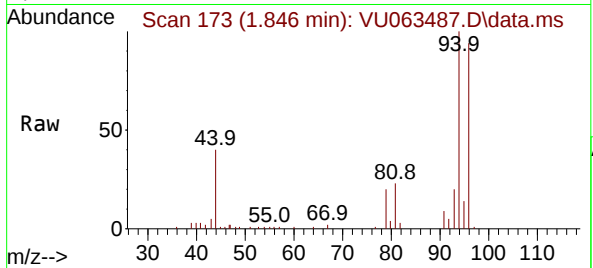




#5
Bromomethane
Concen: 23.192 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

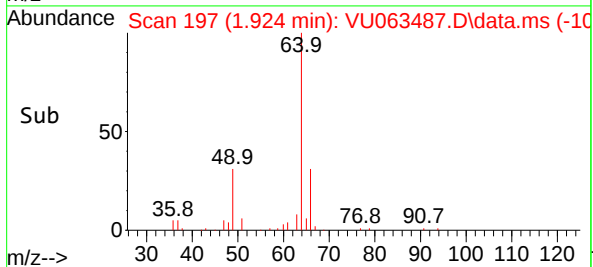
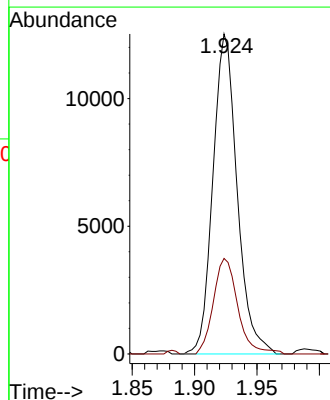
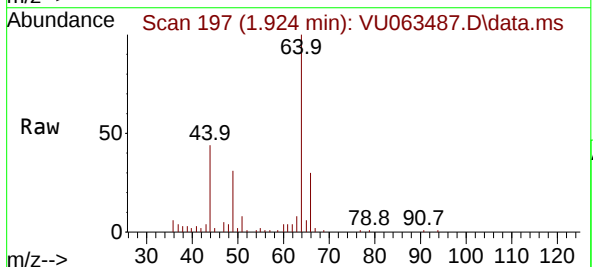
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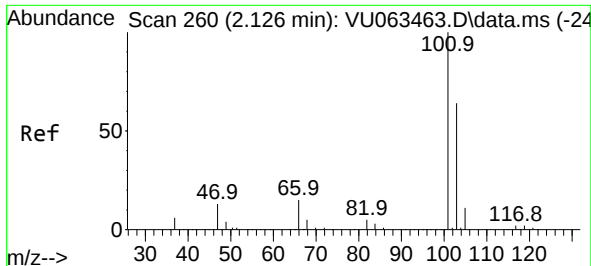
Tgt Ion: 94 Resp: 19193
Ion Ratio Lower Upper
94 100
96 93.5 75.5 113.3



#6
Chloroethane
Concen: 19.826 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 64 Resp: 16968
Ion Ratio Lower Upper
64 100
66 29.9 25.3 37.9

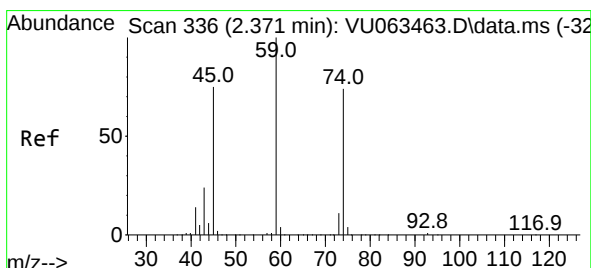
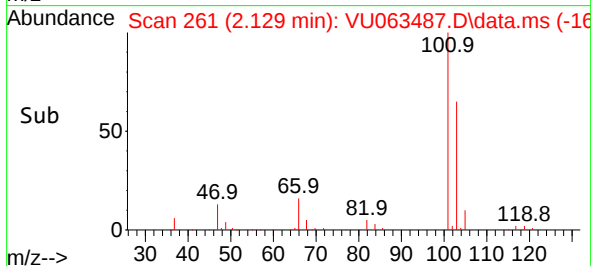
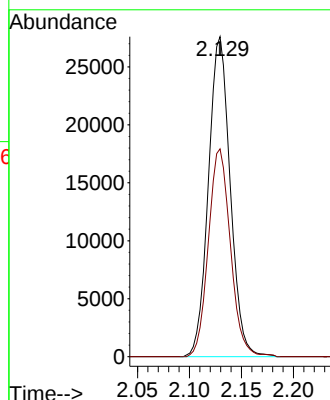
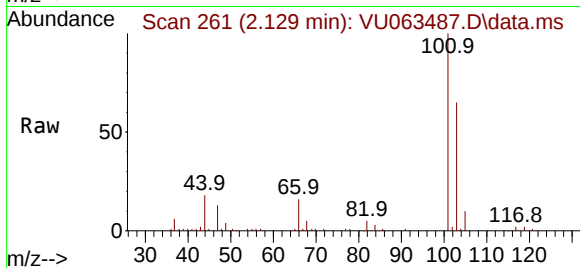




#7
Trichlorofluoromethane
Concen: 21.135 ug/l
RT: 2.129 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

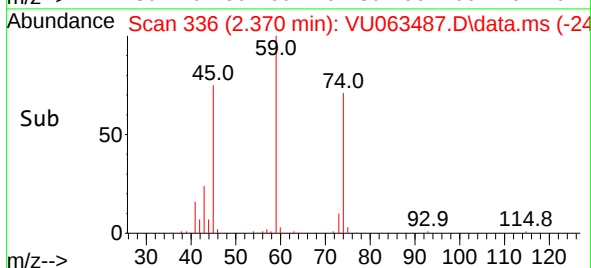
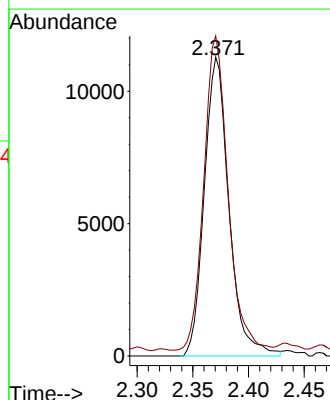
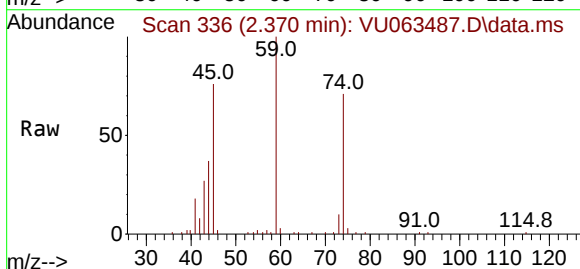
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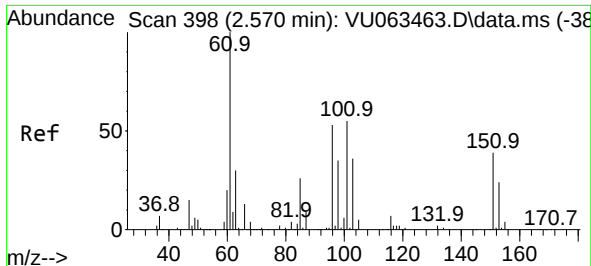
Tgt Ion:101 Resp: 40273
Ion Ratio Lower Upper
101 100
103 64.9 51.1 76.7



#8
Diethyl Ether
Concen: 21.859 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 74 Resp: 17359
Ion Ratio Lower Upper
74 100
45 103.0 49.7 149.1

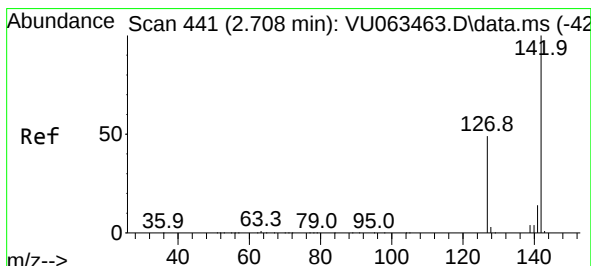
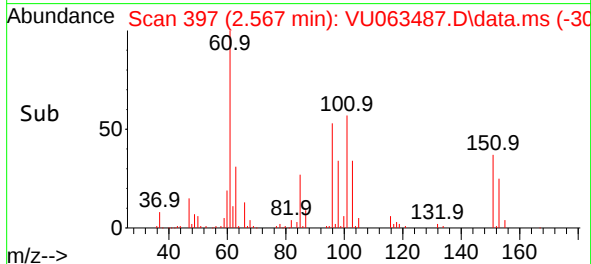
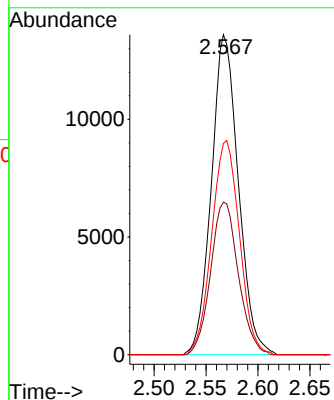
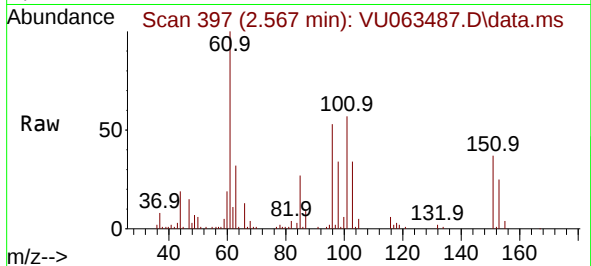




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.800 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

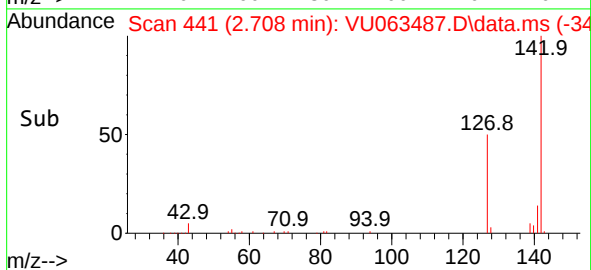
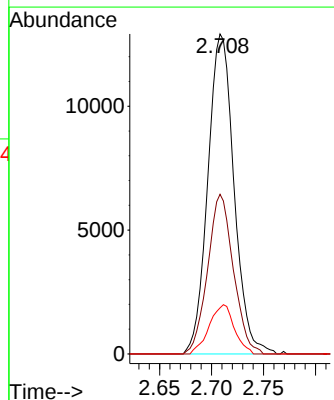
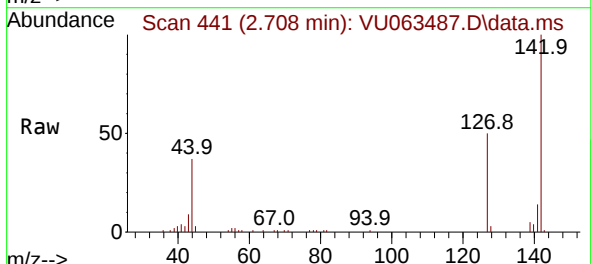
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

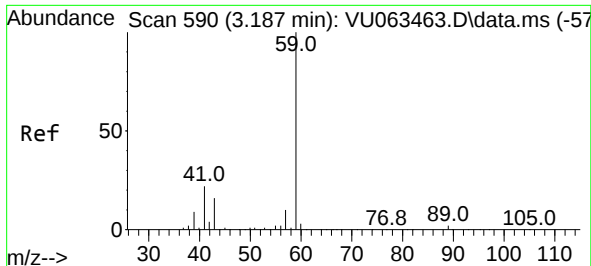
Tgt Ion:101 Resp: 24570
Ion Ratio Lower Upper
101 100
85 49.0 39.6 59.4
151 68.8 57.2 85.8



#10
Methyl Iodide
Concen: 19.228 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:142 Resp: 22636
Ion Ratio Lower Upper
142 100
127 49.0 38.2 57.4
141 14.8 11.1 16.7

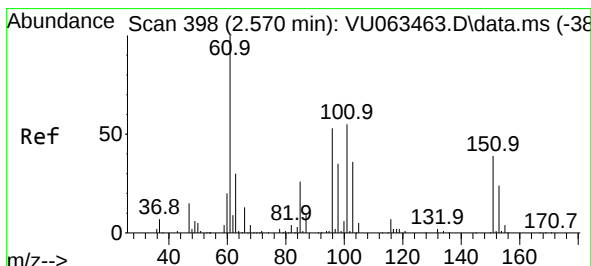
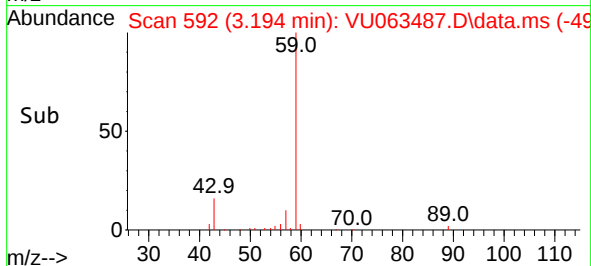
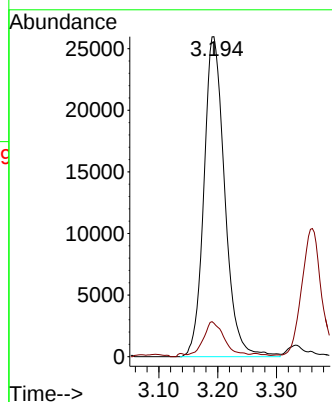
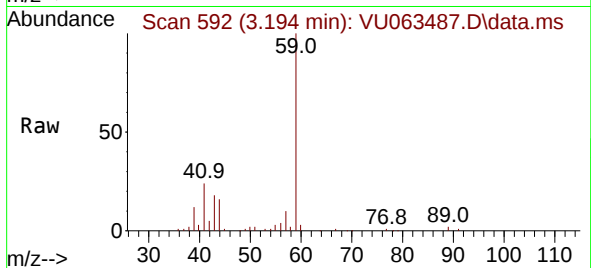




#11
Tert butyl alcohol
Concen: 135.751 ug/l
RT: 3.194 min Scan# 591
Delta R.T. 0.006 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

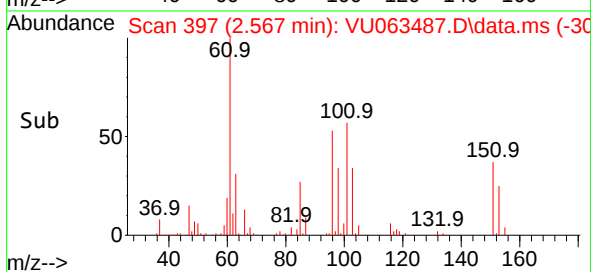
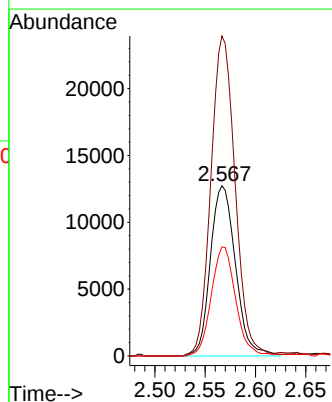
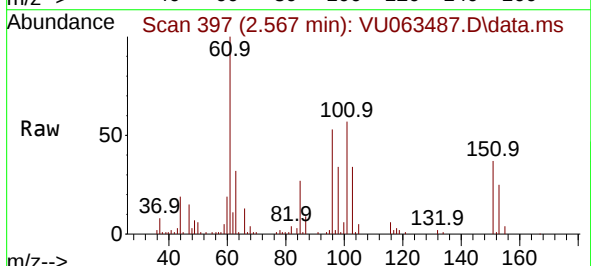
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

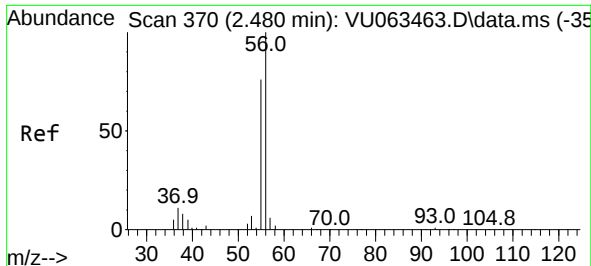
Tgt Ion: 59 Resp: 63860
Ion Ratio Lower Upper
59 100
57 9.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 21.128 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 96 Resp: 22167
Ion Ratio Lower Upper
96 100
61 188.2 149.6 224.4
98 64.1 52.0 78.0

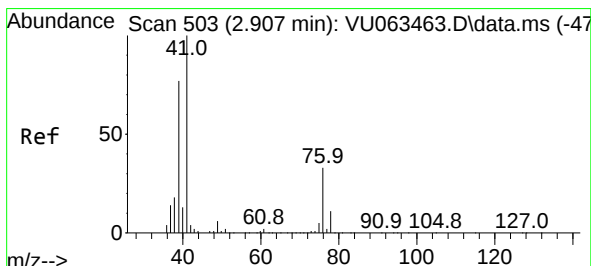
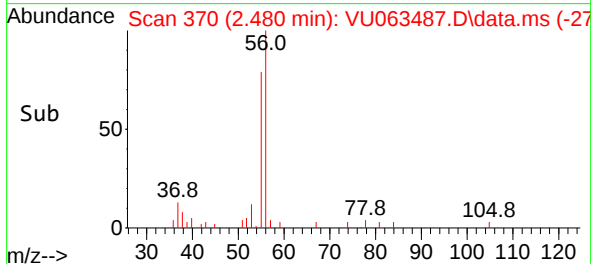
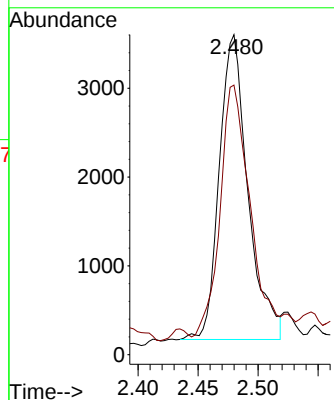
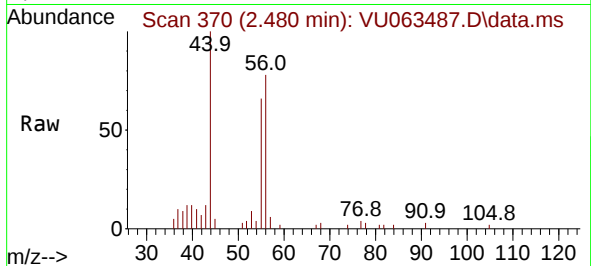




#13
Acrolein
Concen: 85.678 ug/l
RT: 2.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

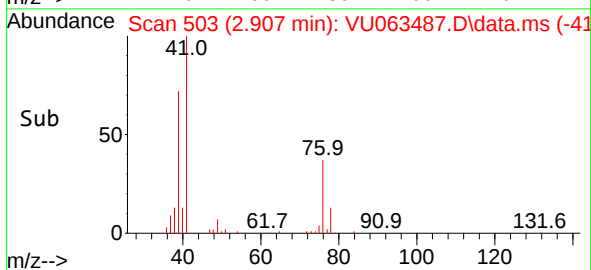
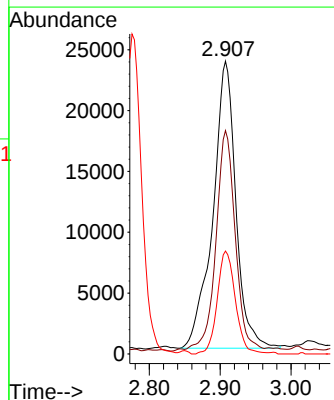
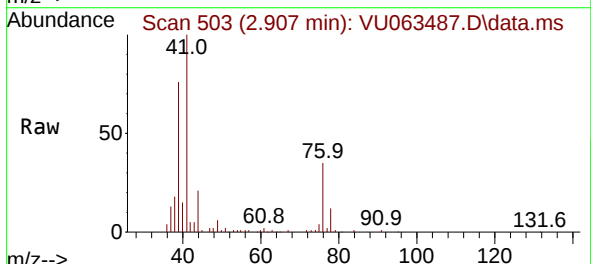
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

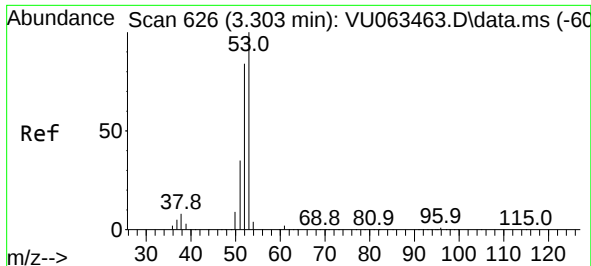
Tgt Ion: 56 Resp: 5689
Ion Ratio Lower Upper
56 100
55 86.5 60.2 90.2



#14
Allyl chloride
Concen: 21.346 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 41 Resp: 53308
Ion Ratio Lower Upper
41 100
39 62.8 53.9 80.9
76 28.3 23.1 34.7

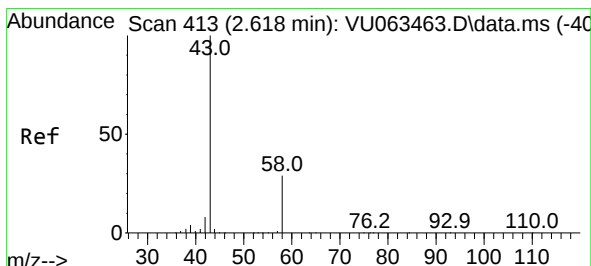
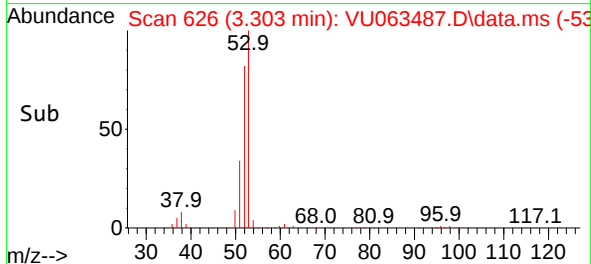
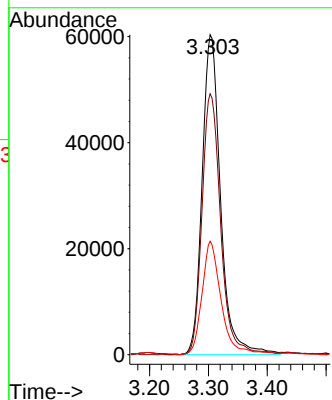
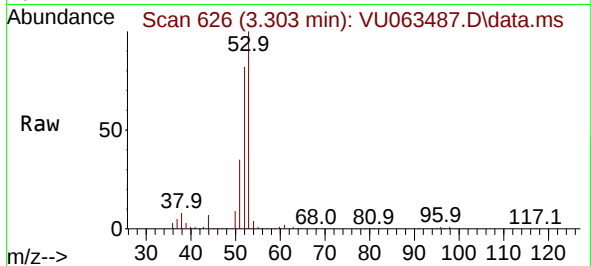




#15
Acrylonitrile
Concen: 130.252 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

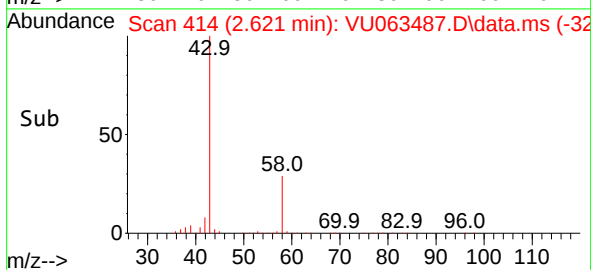
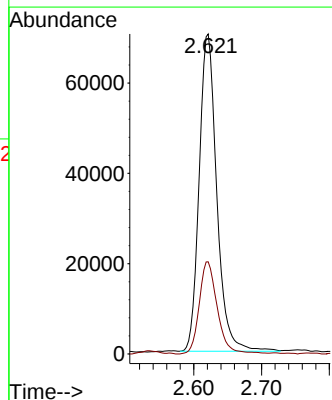
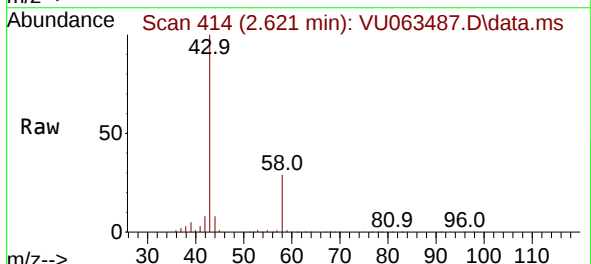
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

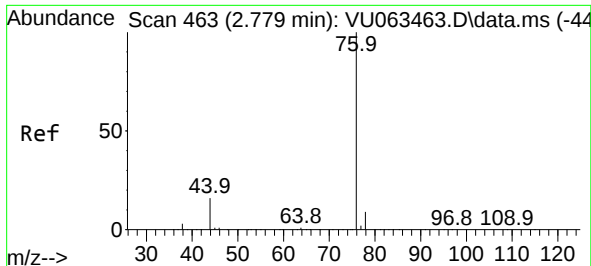
Tgt Ion:	53	Resp:	131248
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.0	97.4
51	37.1	28.8	43.2



#16
Acetone
Concen: 107.798 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:	43	Resp:	126874
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.1	34.7

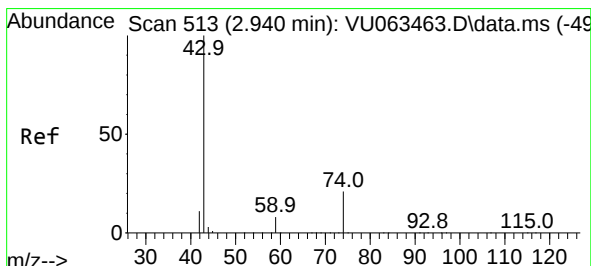
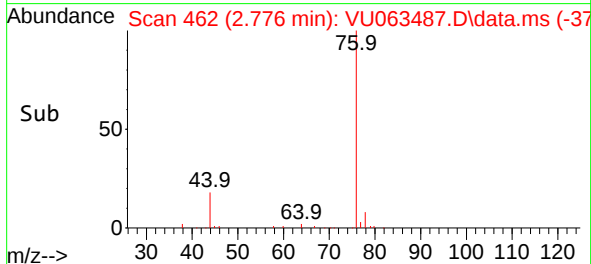
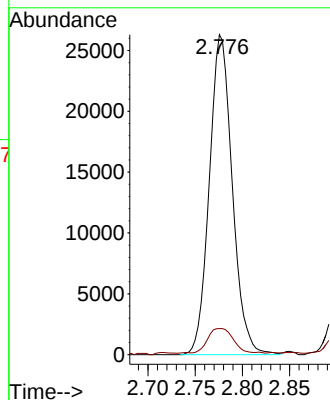
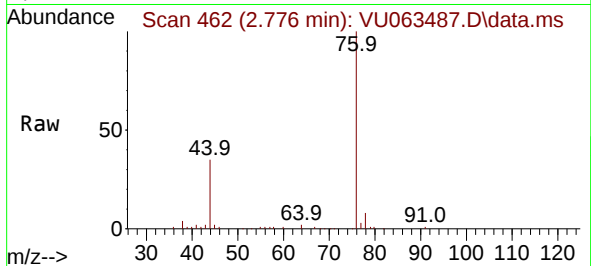




#17
Carbon Disulfide
Concen: 17.729 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

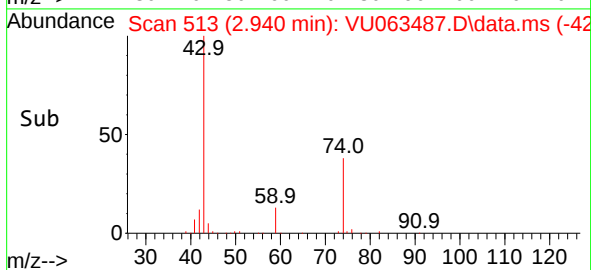
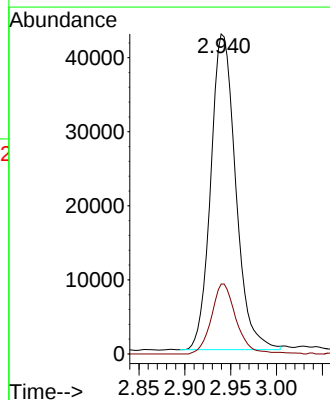
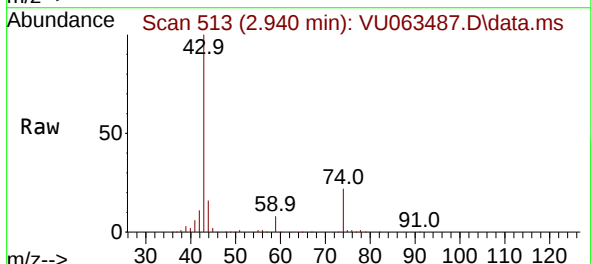
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

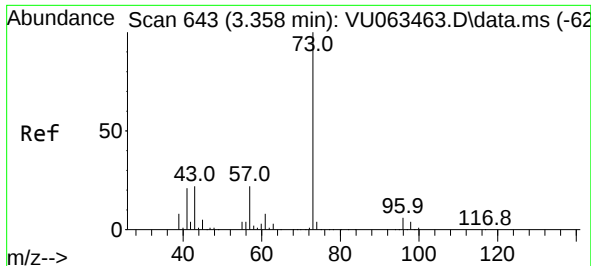
Tgt Ion: 76 Resp: 44464
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#18
Methyl Acetate
Concen: 26.667 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 43 Resp: 80772
Ion Ratio Lower Upper
43 100
74 21.8 17.3 25.9

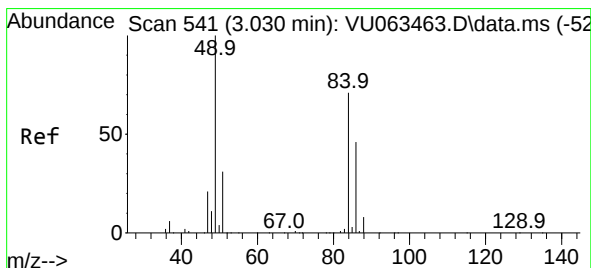
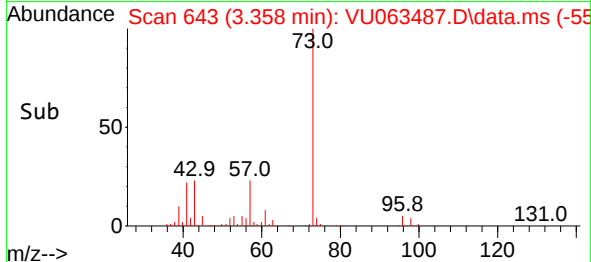
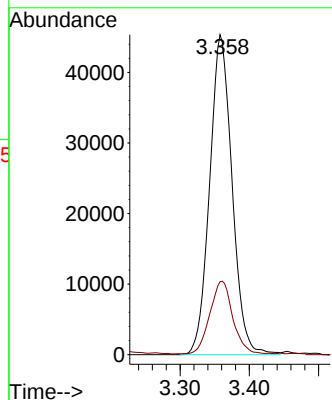
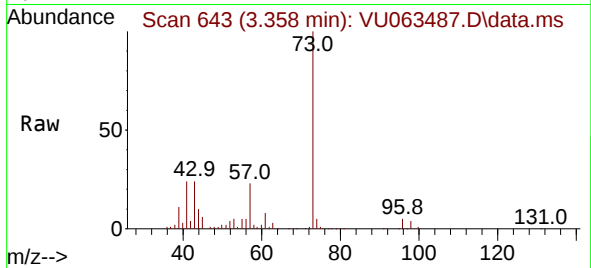




#19
Methyl tert-butyl Ether
Concen: 22.510 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

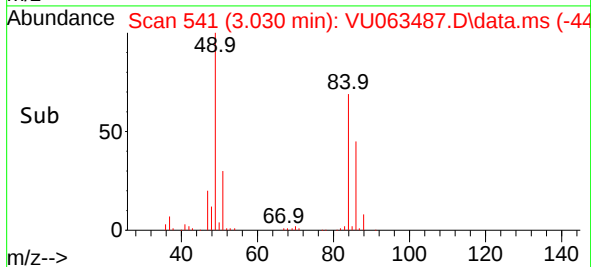
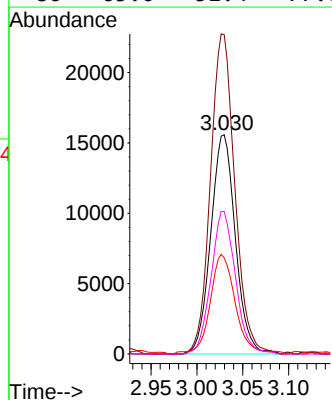
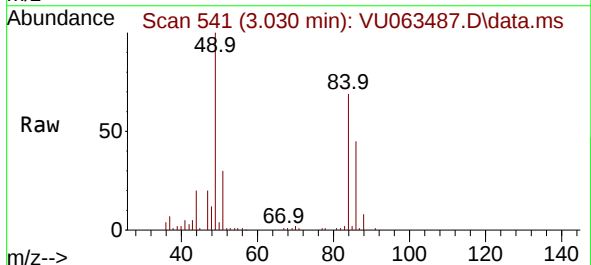
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

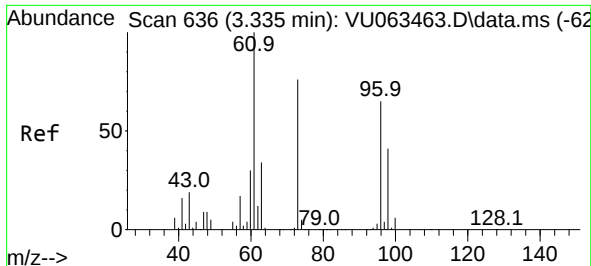
Tgt Ion: 73 Resp: 101854
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6



#20
Methylene Chloride
Concen: 16.998 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 84 Resp: 29170
Ion Ratio Lower Upper
84 100
49 145.8 112.1 168.1
51 42.9 34.4 51.6
86 65.0 51.4 77.0

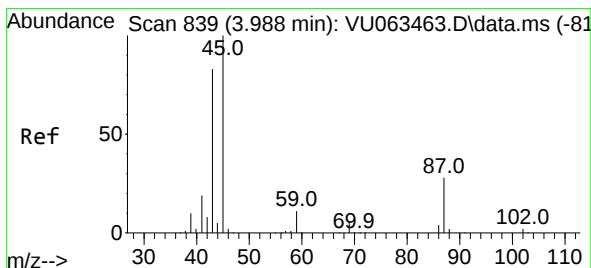
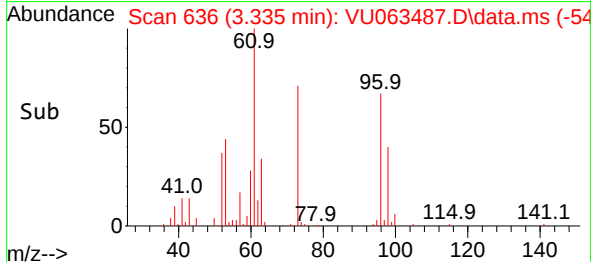
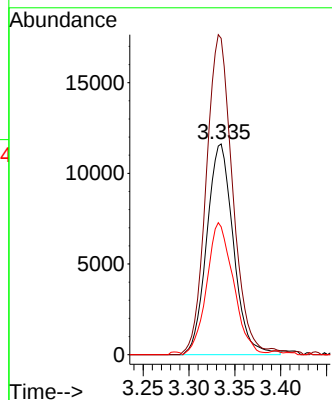
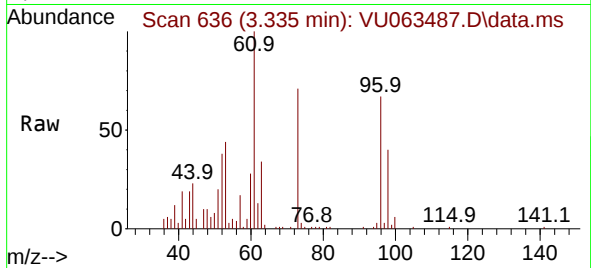




#21
trans-1,2-Dichloroethene
Concen: 20.862 ug/l
RT: 3.335 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

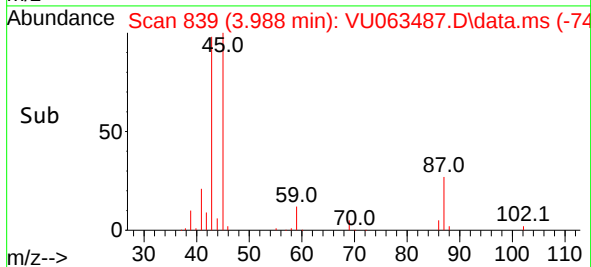
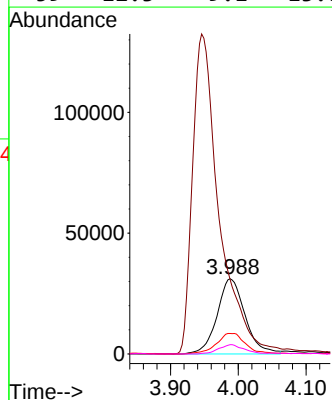
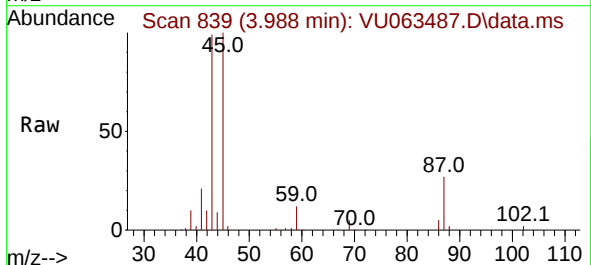
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

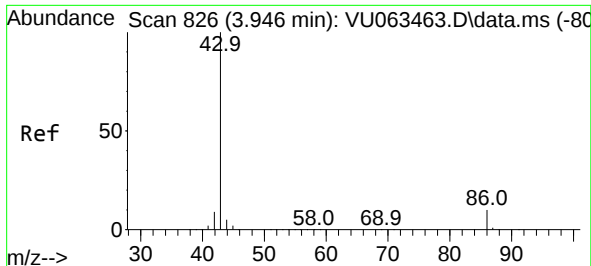
Tgt Ion: 96 Resp: 23515
Ion Ratio Lower Upper
96 100
61 150.2 122.2 183.4
98 59.7 49.9 74.9



#22
Diisopropyl ether
Concen: 20.979 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 45 Resp: 89210
Ion Ratio Lower Upper
45 100
43 95.6 66.5 99.7
87 27.1 22.6 33.8
59 12.3 9.1 13.7

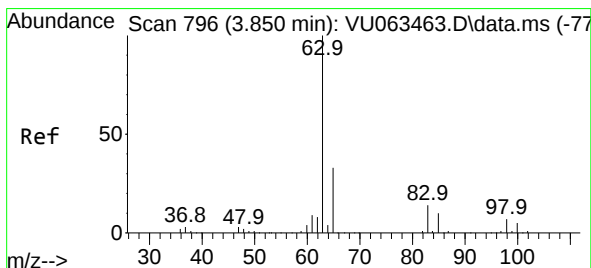
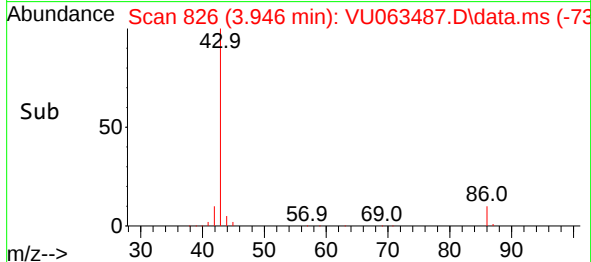
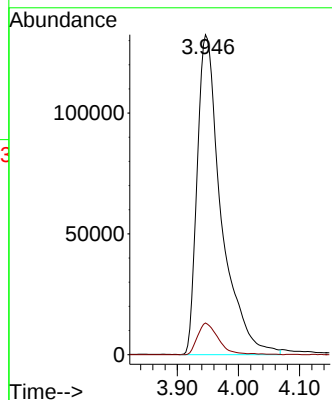
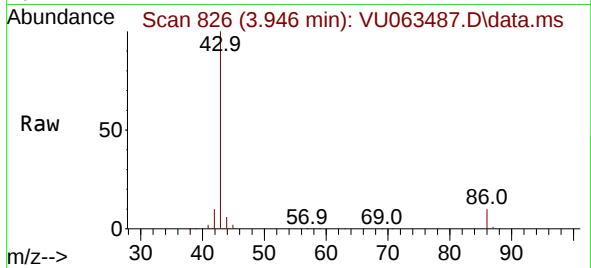




#23
 Vinyl Acetate
 Concen: 109.754 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

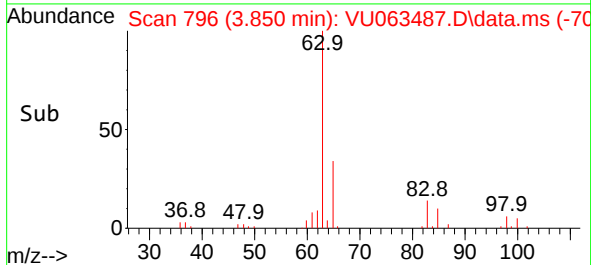
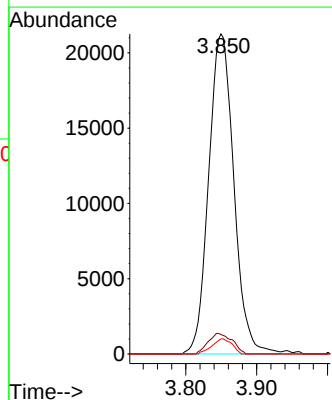
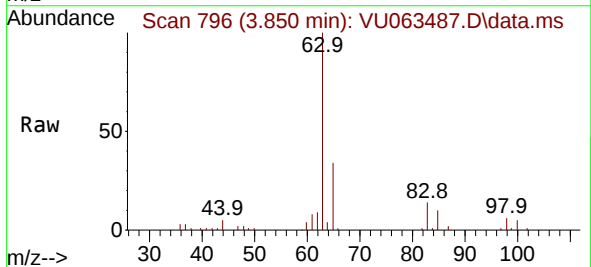
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

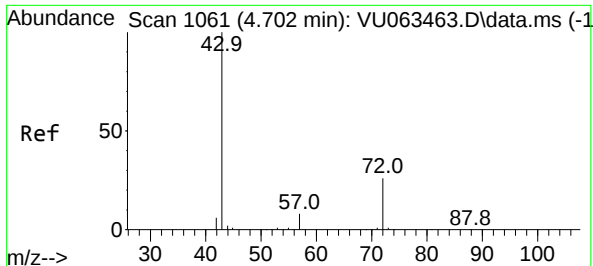
Tgt Ion: 43 Resp: 362131
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 21.711 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

Tgt Ion: 63 Resp: 52394
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 123.114 ug/l

RT: 4.705 min Scan# 1062

Delta R.T. 0.003 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

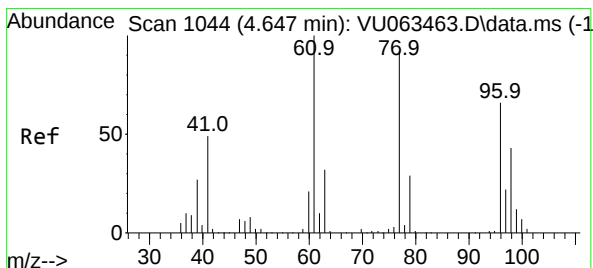
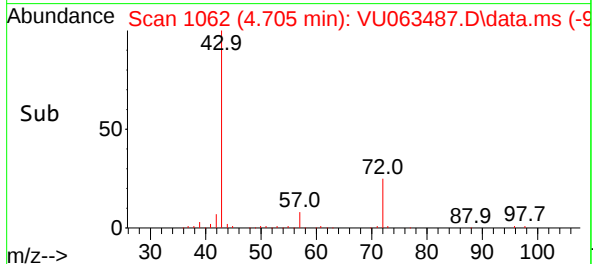
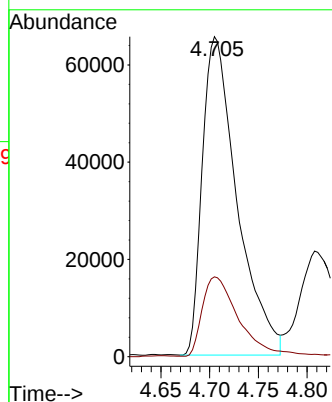
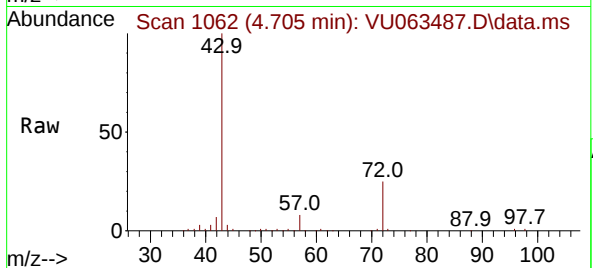
VU0711WBSD01

Tgt Ion: 43 Resp: 162664

Ion Ratio Lower Upper

43 100

72 24.9 20.7 31.1



#26

2,2-Dichloropropane

Concen: 20.909 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063487.D

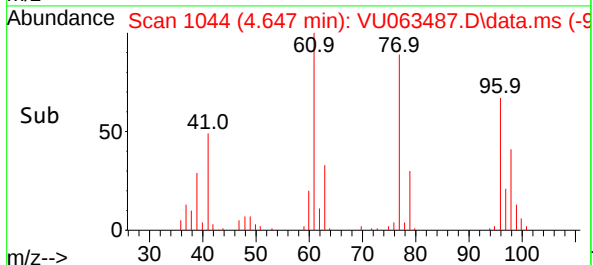
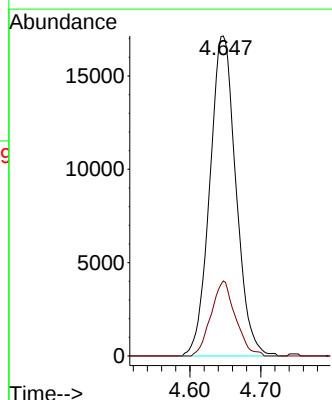
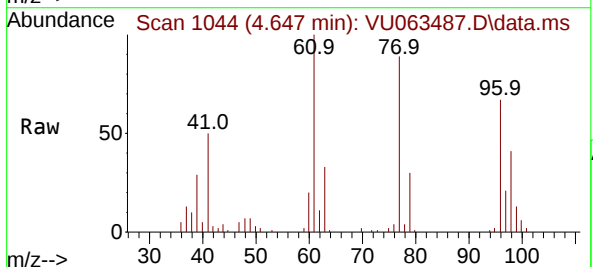
Acq: 11 Jul 2025 10:46

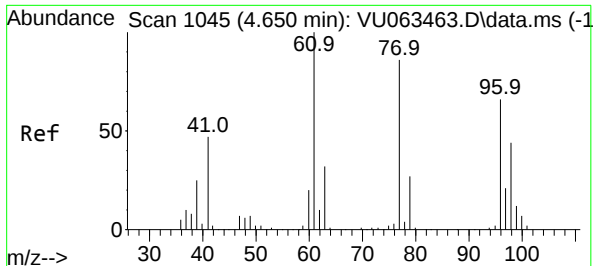
Tgt Ion: 77 Resp: 43901

Ion Ratio Lower Upper

77 100

97 22.0 11.8 35.3

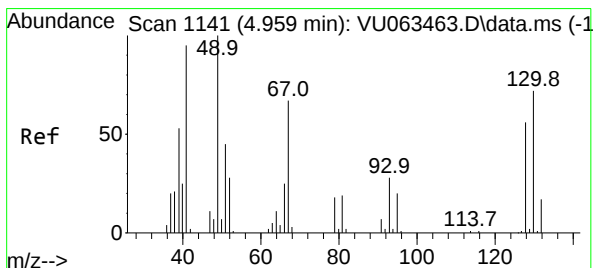
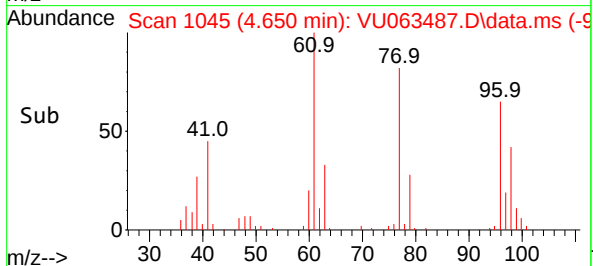
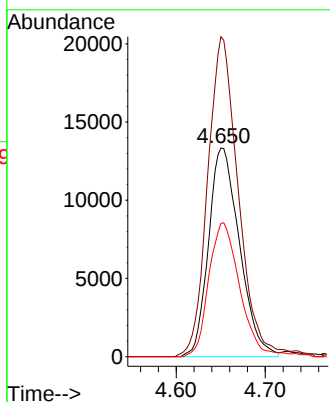
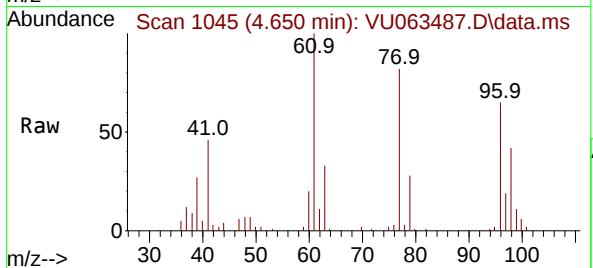




#27
 cis-1,2-Dichloroethene
 Concen: 21.656 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

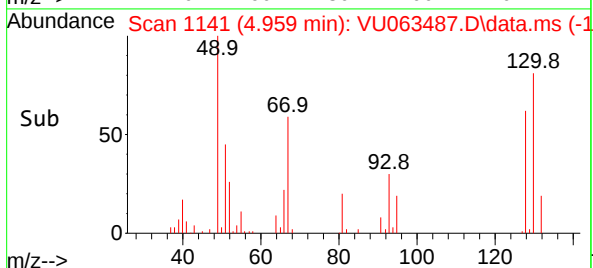
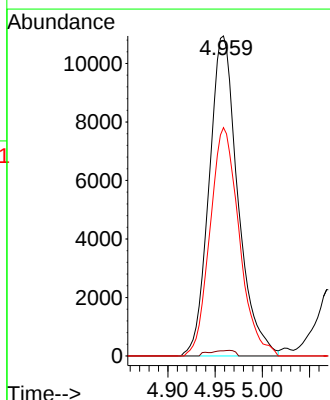
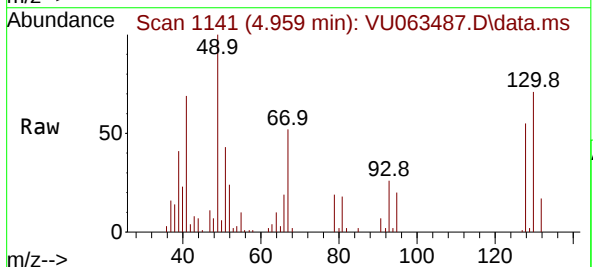
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

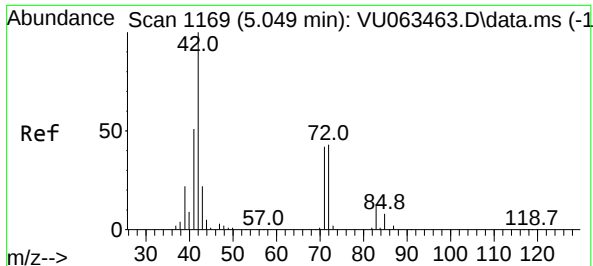
Tgt Ion:	96	Resp:	32221
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	307.2
98	64.7	0.0	133.0



#28
 Bromochloromethane
 Concen: 20.404 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

Tgt Ion:	49	Resp:	23131
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	72.5	59.0	88.4

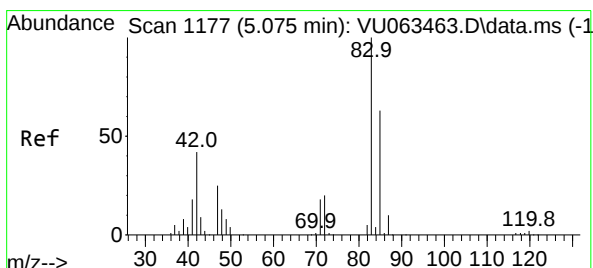
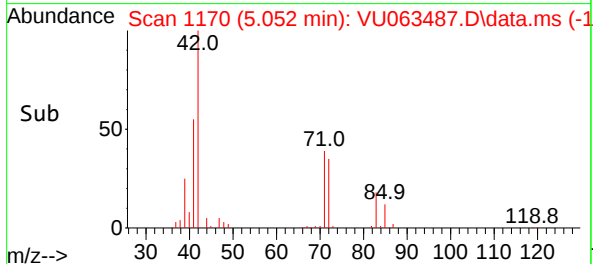
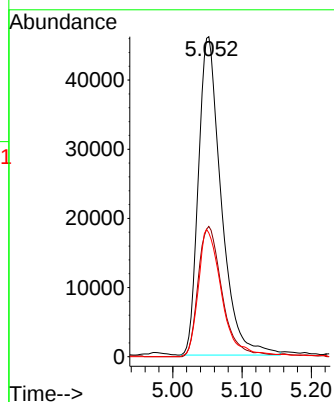
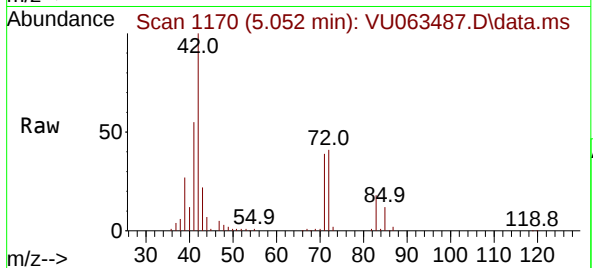




#29
Tetrahydrofuran
Concen: 126.608 ug/l
RT: 5.052 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

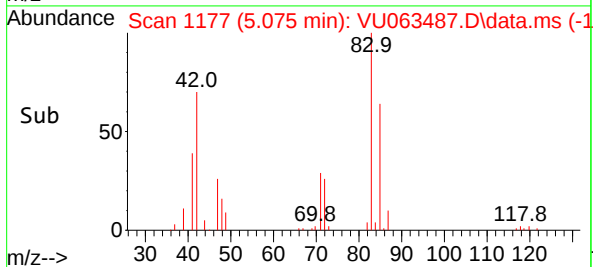
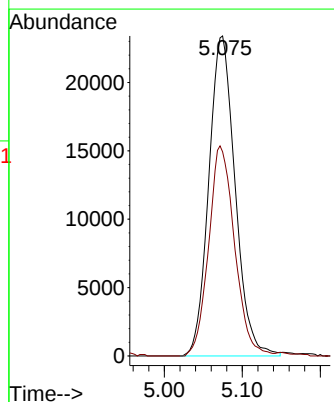
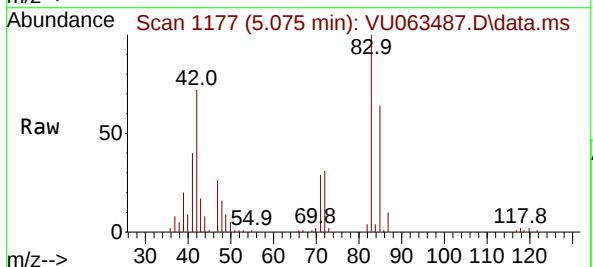
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

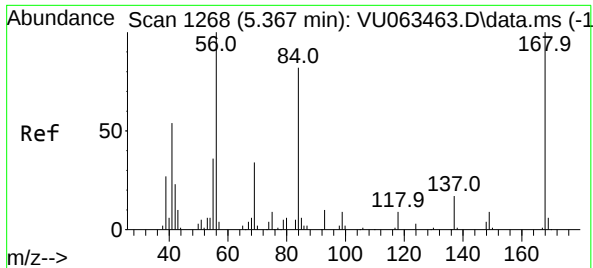
Tgt Ion: 42 Resp: 105523
Ion Ratio Lower Upper
42 100
72 43.1 36.2 54.4
71 41.4 33.3 49.9



#30
Chloroform
Concen: 21.549 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 83 Resp: 54904
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1

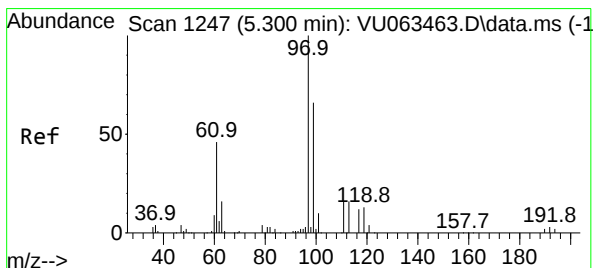
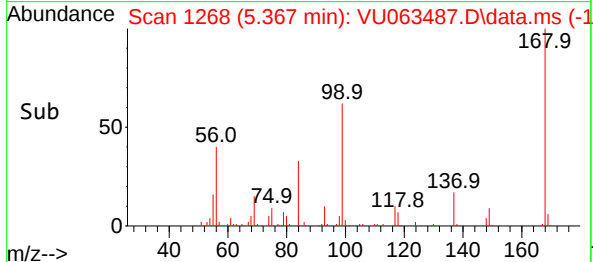
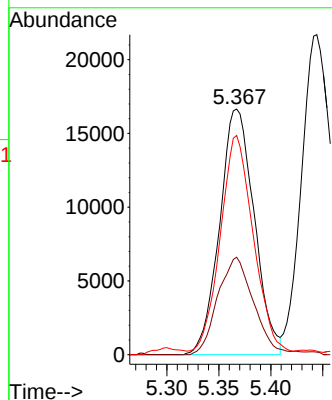
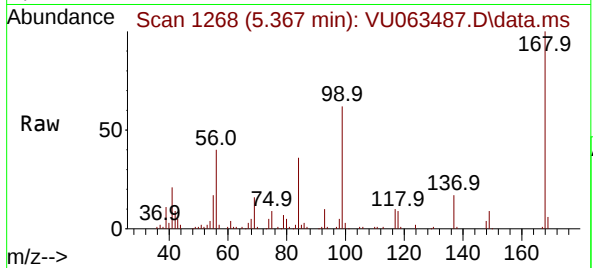




#31
Cyclohexane
Concen: 19.910 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

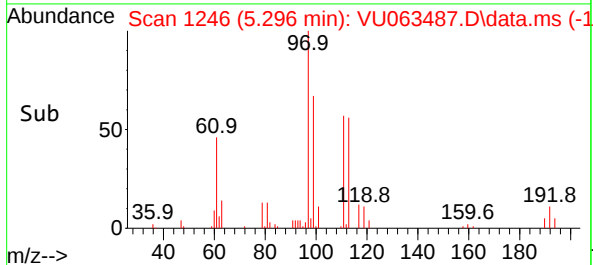
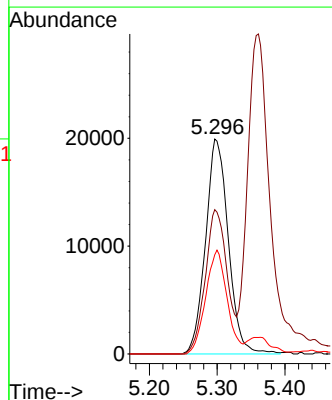
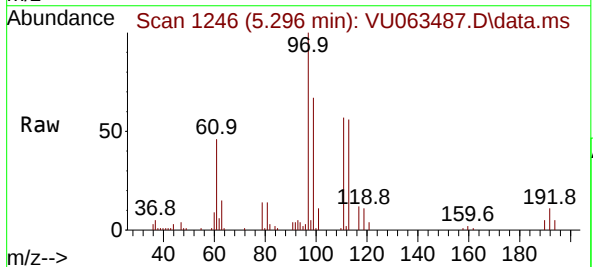
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

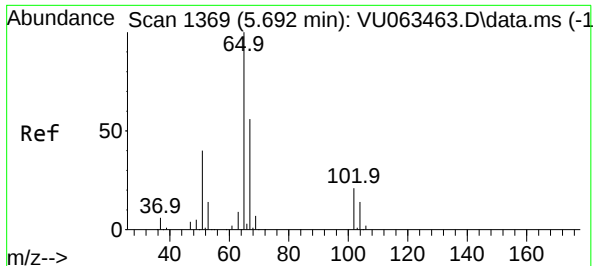
Tgt Ion: 56 Resp: 38626
Ion Ratio Lower Upper
56 100
69 39.7 27.0 40.4
84 87.3 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 21.476 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 97 Resp: 46592
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 45.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 55.634 ug/l

RT: 5.689 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

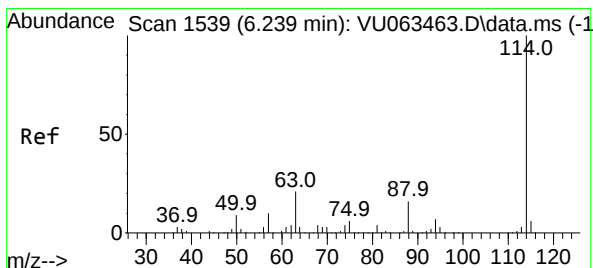
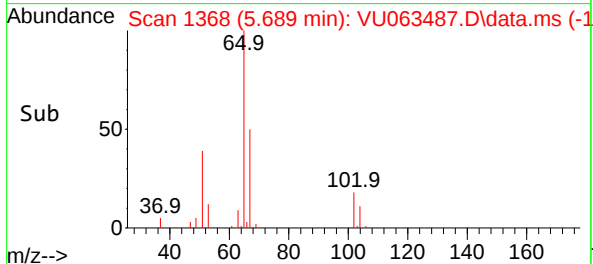
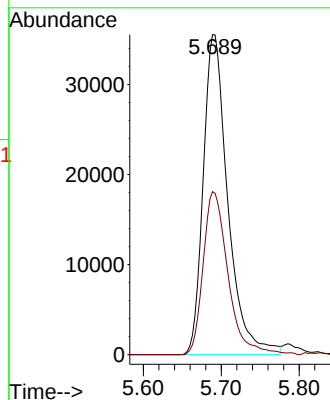
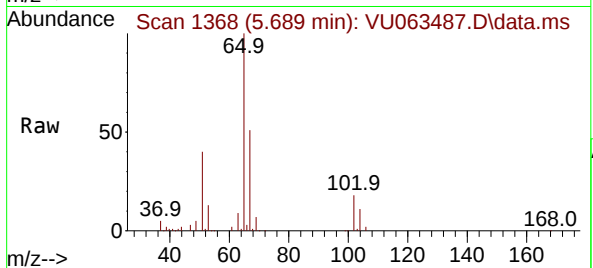
VU0711WBSD01

Tgt Ion: 65 Resp: 78057

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

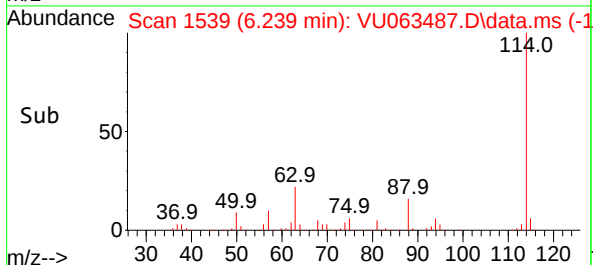
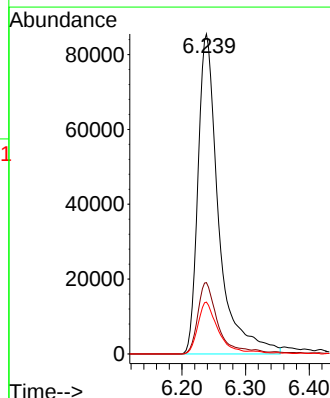
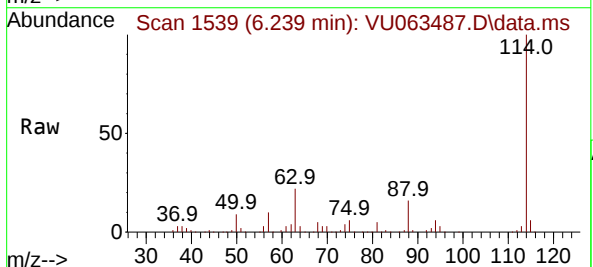
Tgt Ion: 114 Resp: 192890

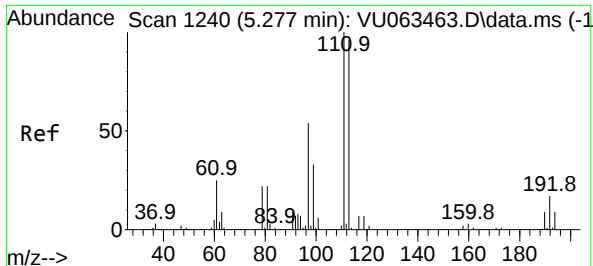
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

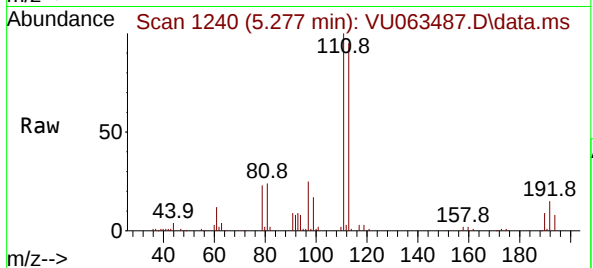
88 16.2 0.0 32.0



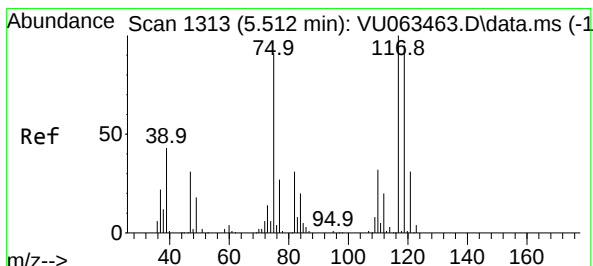
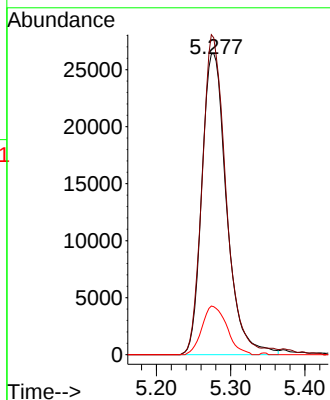
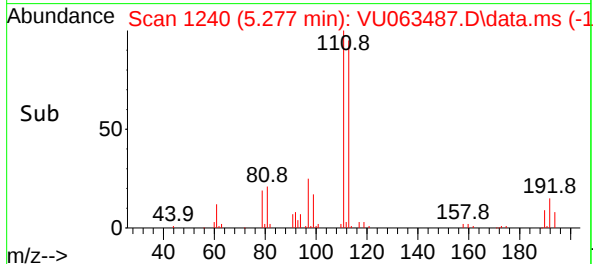


#35
Dibromofluoromethane
Concen: 52.514 ug/l
RT: 5.277 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

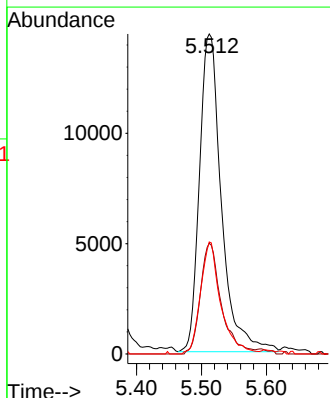
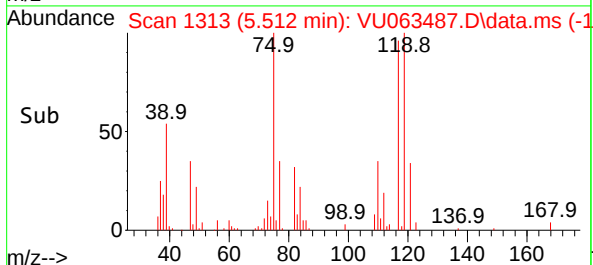
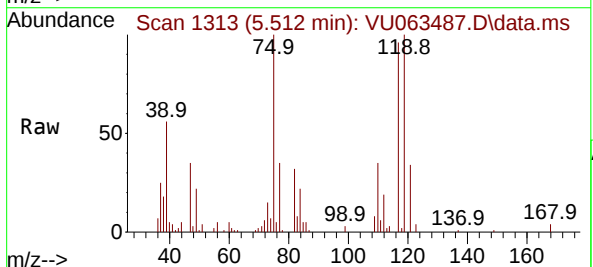


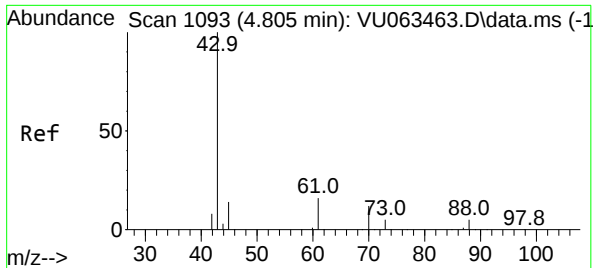
Tgt Ion:113 Resp: 61058
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 16.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 21.475 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 75 Resp: 33928
Ion Ratio Lower Upper
75 100
110 33.0 17.3 52.0
77 32.5 23.9 35.9





#37

Ethyl Acetate

Concen: 21.305 ug/l

RT: 4.808 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

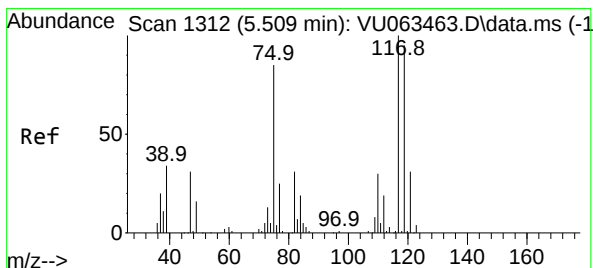
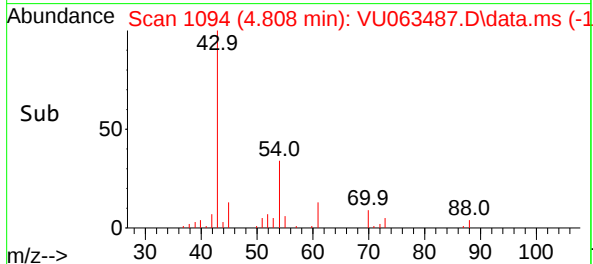
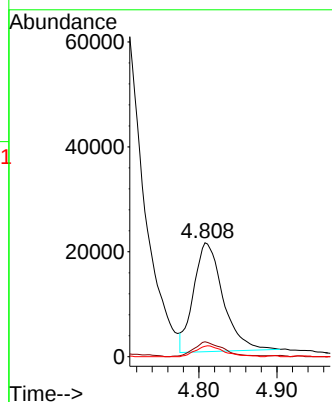
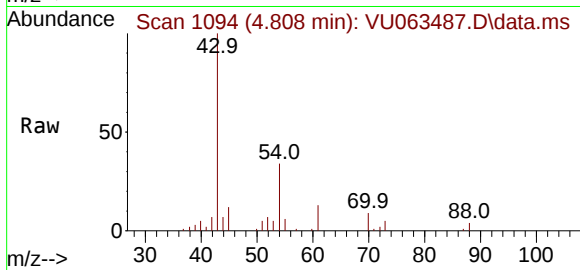
Tgt Ion: 43 Resp: 54510

Ion Ratio Lower Upper

43 100

61 13.8 10.4 15.6

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.472 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

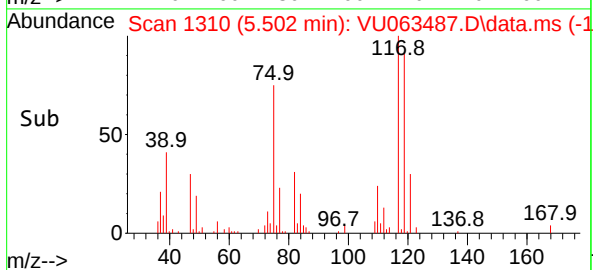
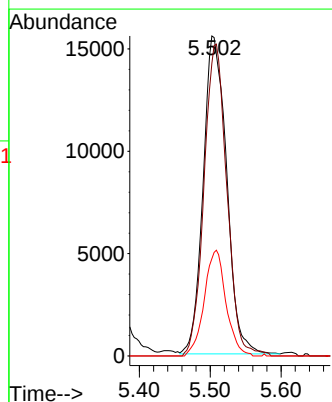
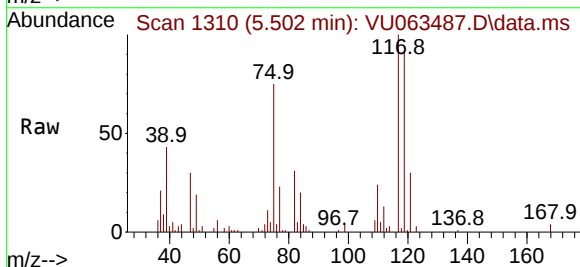
Tgt Ion: 117 Resp: 35637

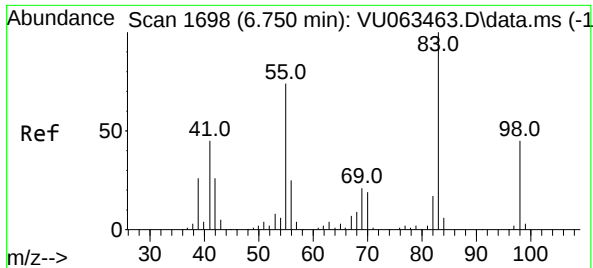
Ion Ratio Lower Upper

117 100

119 92.1 76.1 114.1

121 30.6 25.0 37.4

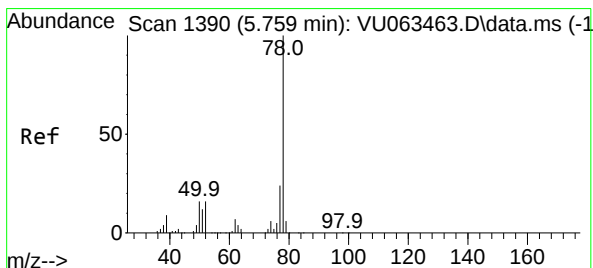
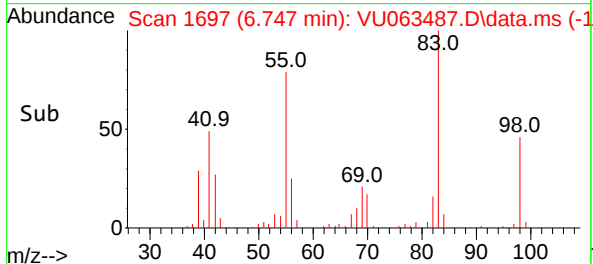
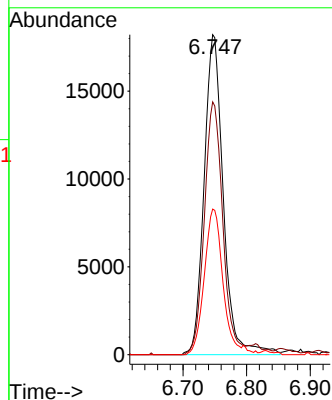
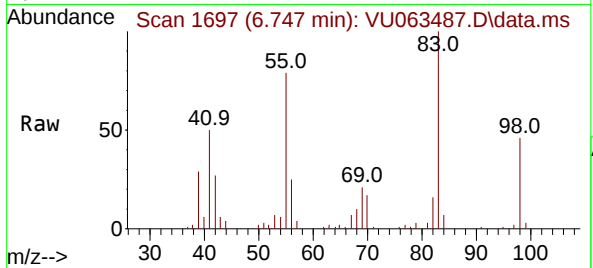




#39
Methylcyclohexane
Concen: 20.008 ug/l
RT: 6.747 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

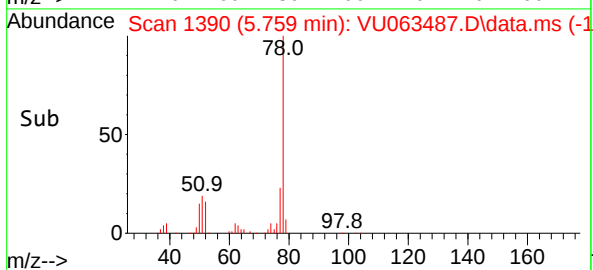
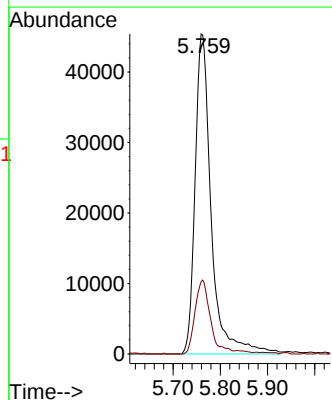
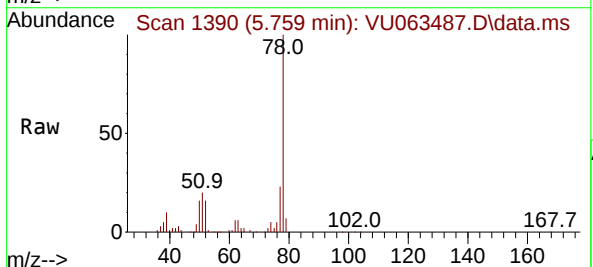
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

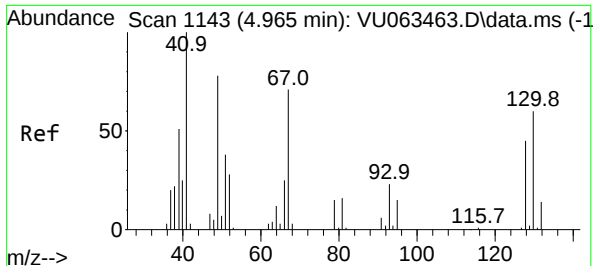
Tgt Ion: 83 Resp: 38195
Ion Ratio Lower Upper
83 100
55 79.0 59.4 89.2
98 45.5 36.2 54.4



#40
Benzene
Concen: 21.769 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 78 Resp: 107407
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4

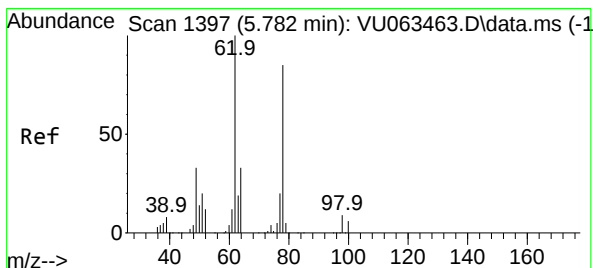
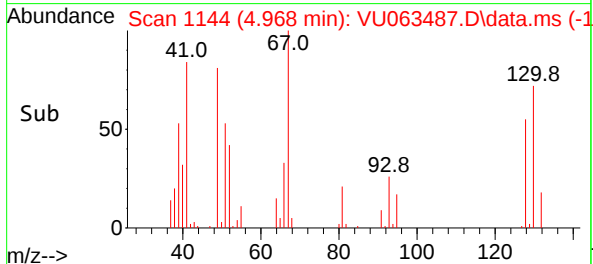
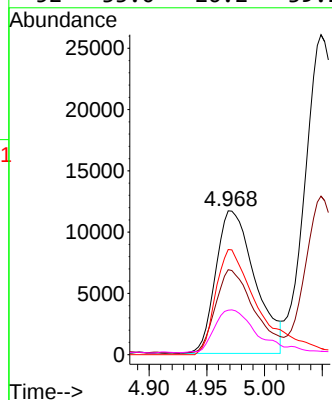
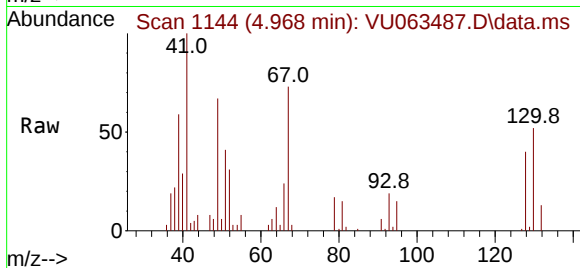




#41
Methacrylonitrile
Concen: 22.827 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

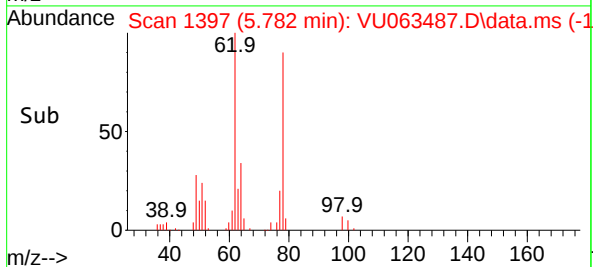
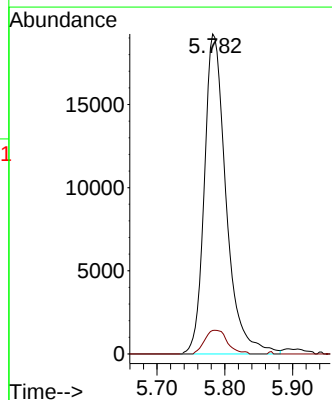
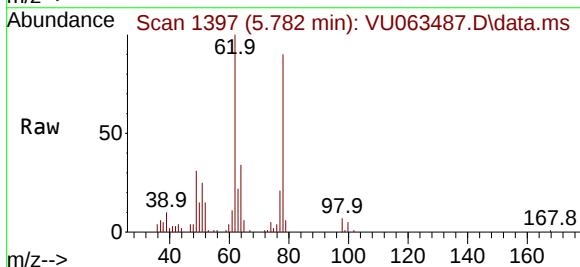
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

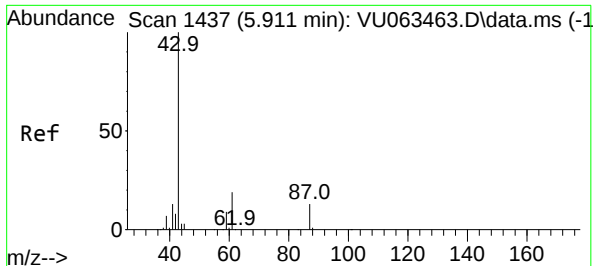
Tgt Ion:	41	Resp:	27559
Ion	Ratio	Lower	Upper
41	100		
39	58.1	43.6	65.4
67	82.7	62.8	94.2
52	33.0	26.2	39.2



#42
1,2-Dichloroethane
Concen: 23.131 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:	62	Resp:	42914
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 22.376 ug/l

RT: 5.911 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

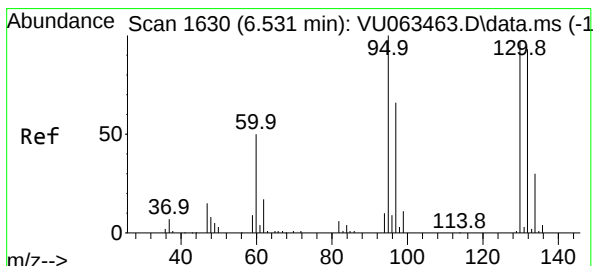
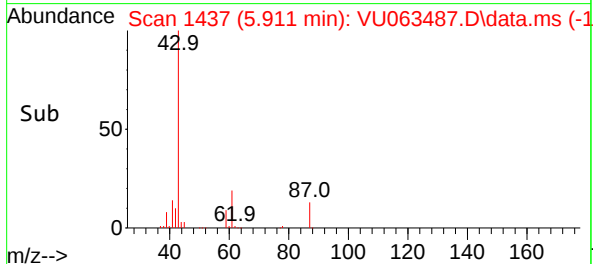
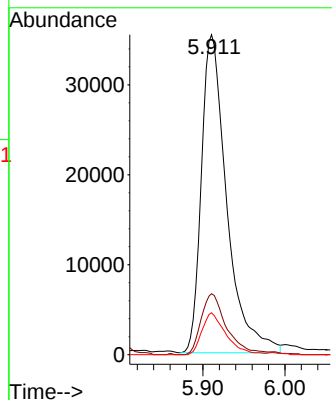
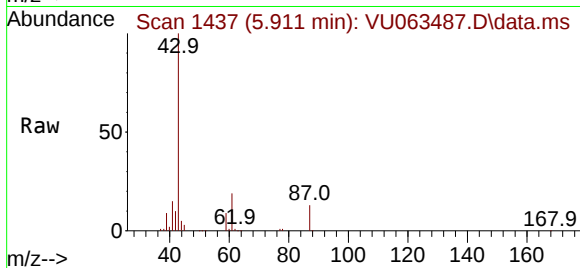
Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

Tgt Ion:	43	Resp:	76046
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.2
87	12.4	10.5	15.7



#44

Trichloroethene

Concen: 21.620 ug/l

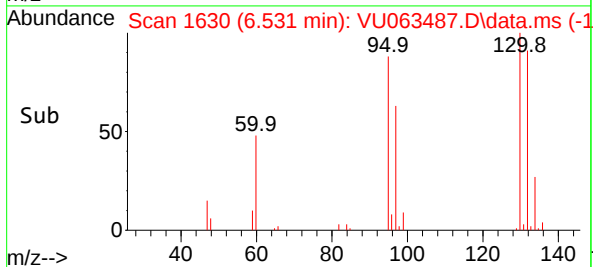
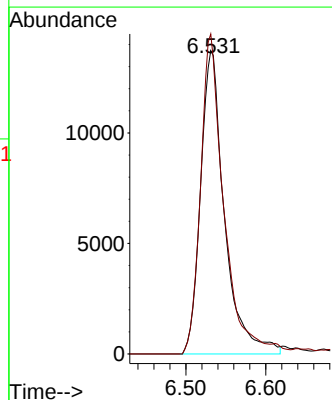
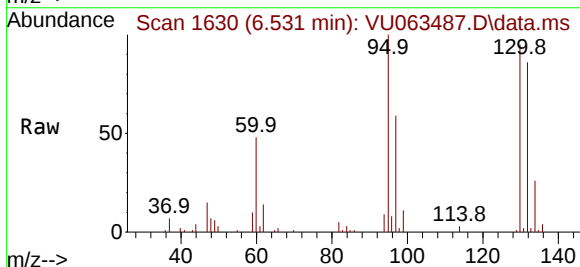
RT: 6.531 min Scan# 1630

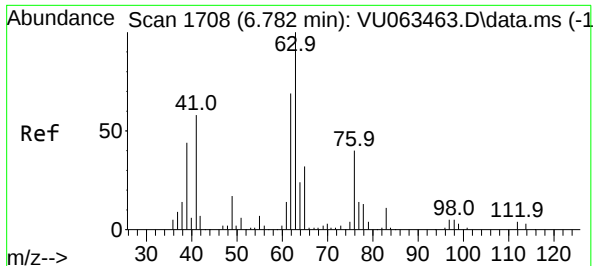
Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Tgt Ion:	130	Resp:	28546
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	206.4





#45

1,2-Dichloropropane

Concen: 22.040 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

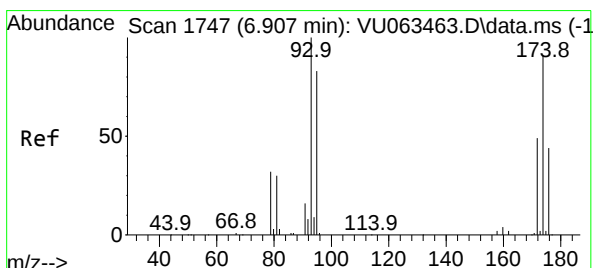
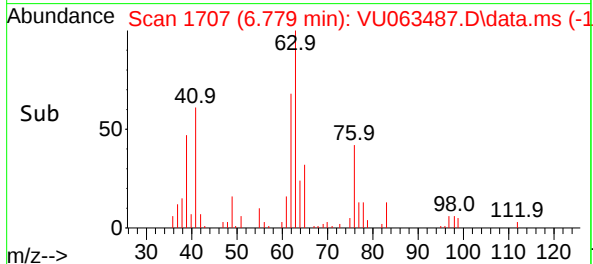
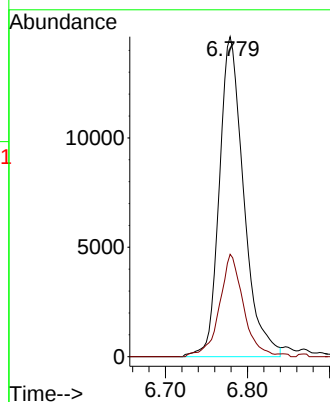
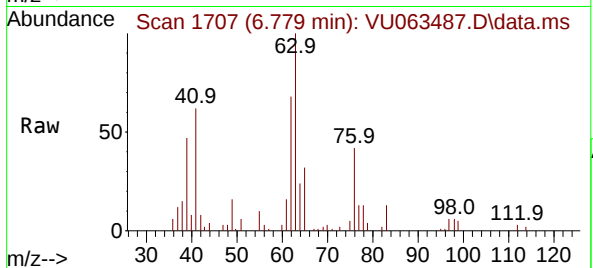
VU0711WBSD01

Tgt Ion: 63 Resp: 30231

Ion Ratio Lower Upper

63 100

65 32.0 25.3 37.9



#46

Dibromomethane

Concen: 22.951 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

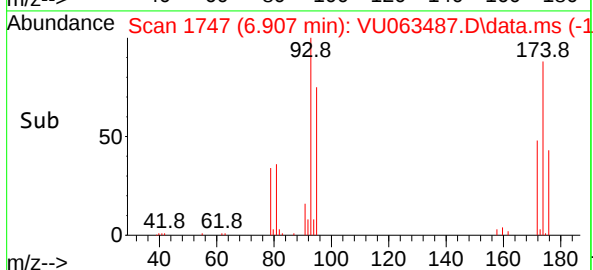
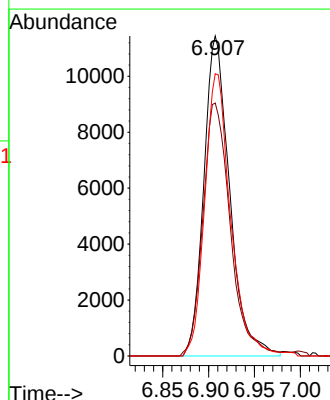
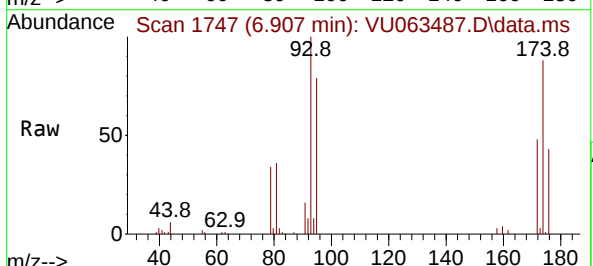
Tgt Ion: 93 Resp: 22398

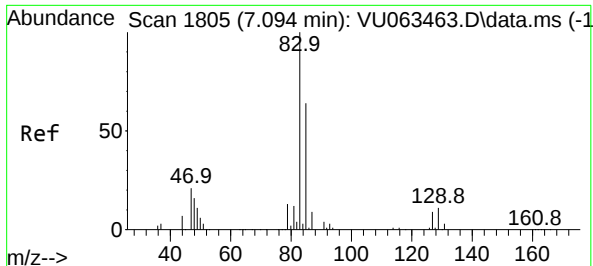
Ion Ratio Lower Upper

93 100

95 83.9 67.5 101.3

174 88.4 73.1 109.7

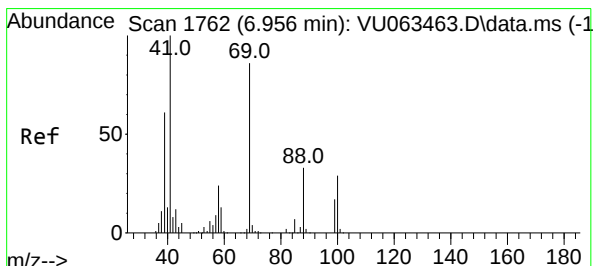
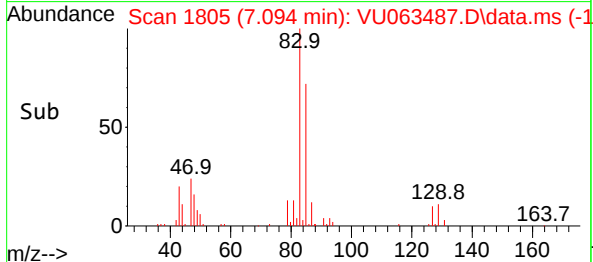
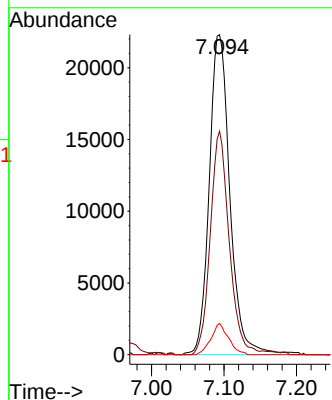
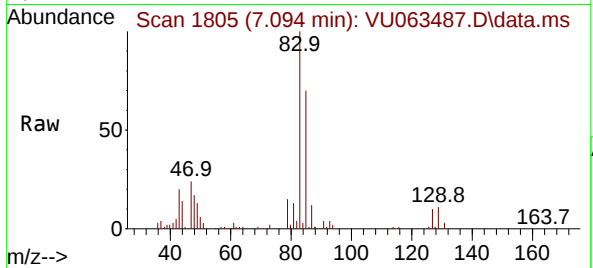




#47
Bromodichloromethane
Concen: 21.674 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

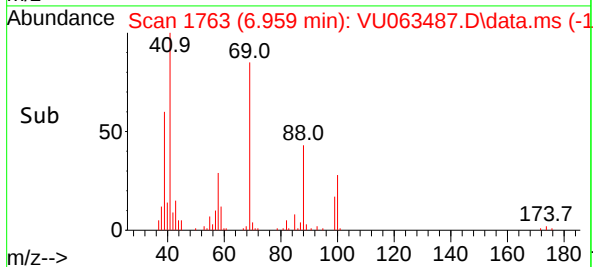
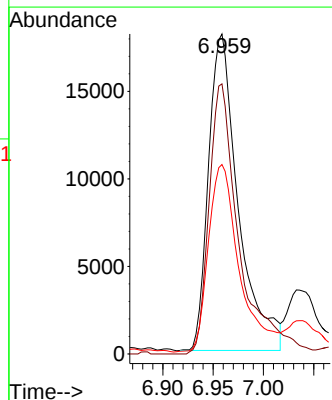
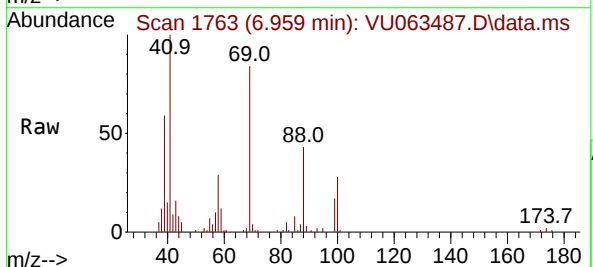
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

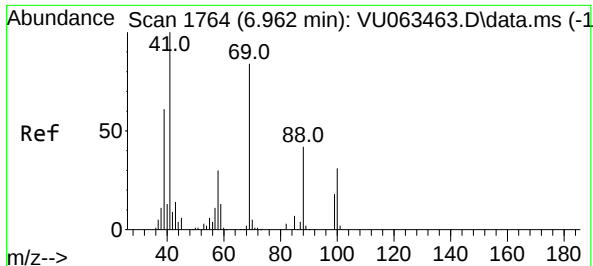
Tgt Ion: 83 Resp: 43982
Ion Ratio Lower Upper
83 100
85 69.8 51.4 77.0
127 9.7 7.0 10.4



#48
Methyl methacrylate
Concen: 23.718 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 41 Resp: 37255
Ion Ratio Lower Upper
41 100
69 86.3 69.8 104.8
39 61.7 48.3 72.5

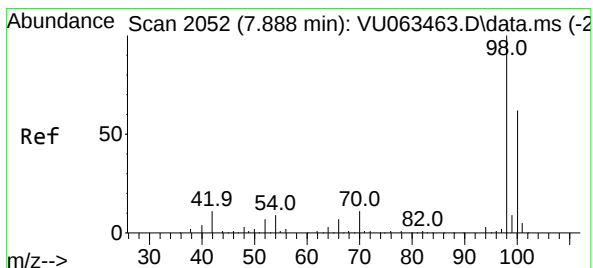
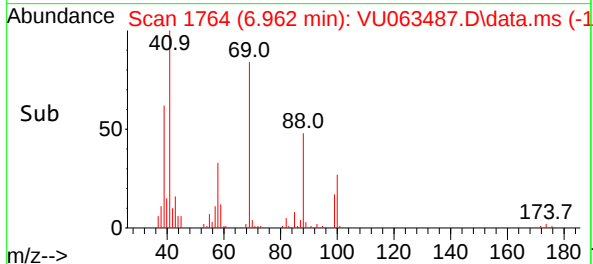
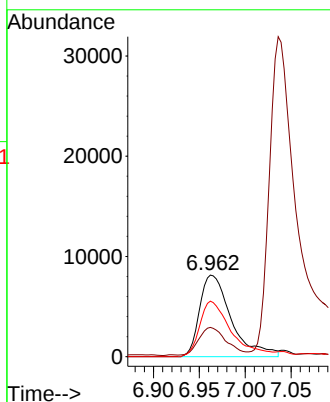
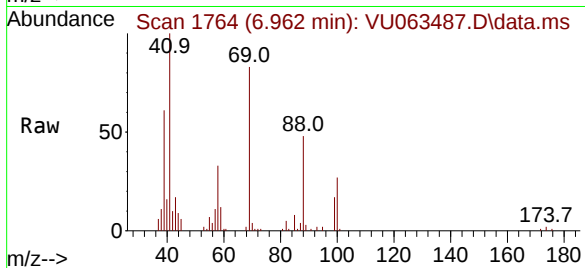




#49
1,4-Dioxane
Concen: 567.450 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

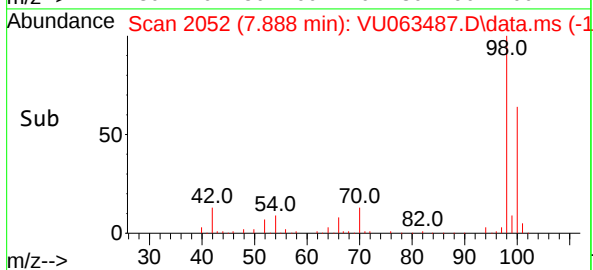
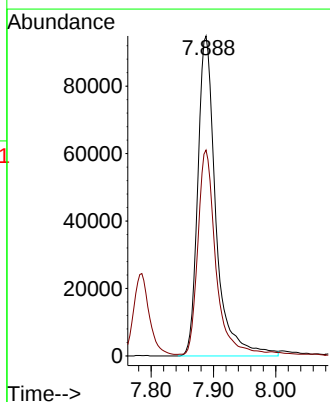
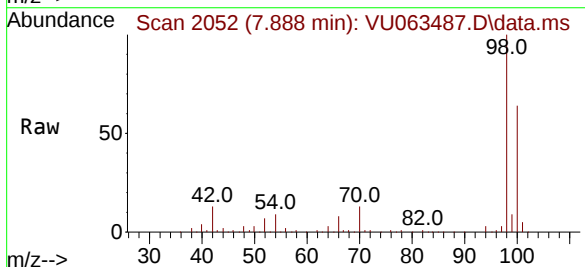
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

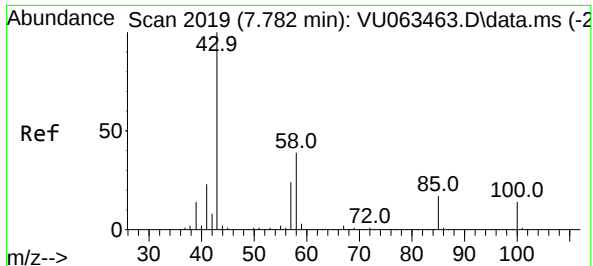
Tgt Ion: 88 Resp: 19559
Ion Ratio Lower Upper
88 100
43 28.8 25.6 38.4
58 67.4 55.0 82.6



#50
Toluene-d8
Concen: 50.494 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 98 Resp: 191373
Ion Ratio Lower Upper
98 100
100 62.4 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 127.517 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

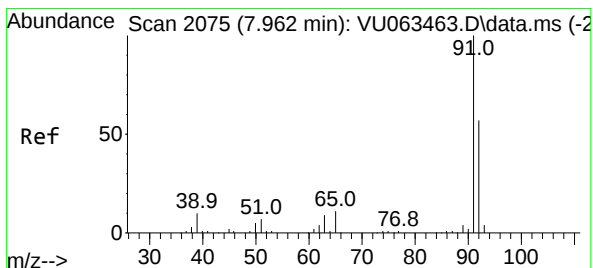
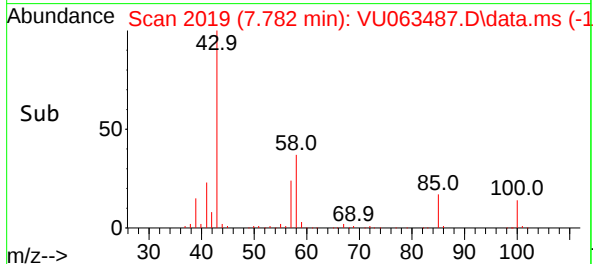
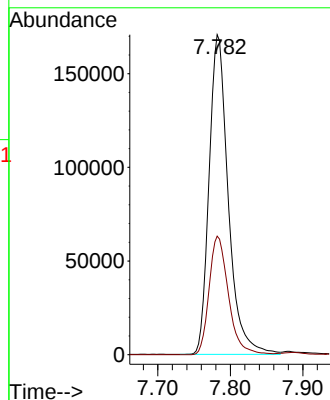
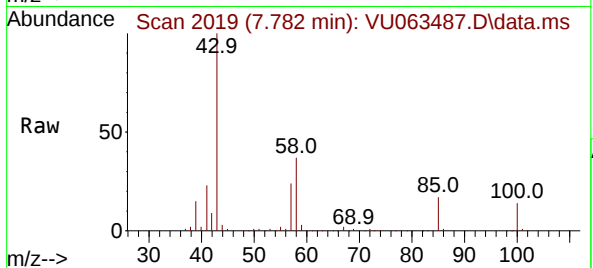
VU0711WBSD01

Tgt Ion: 43 Resp: 313666

Ion Ratio Lower Upper

43 100

58 37.4 31.0 46.4



#52

Toluene

Concen: 21.459 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063487.D

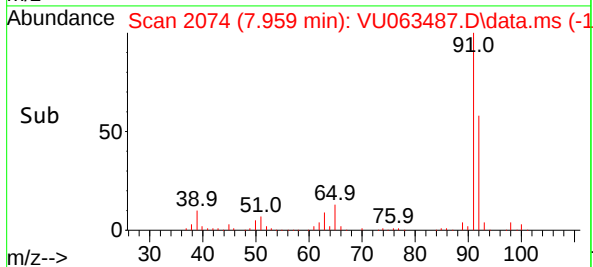
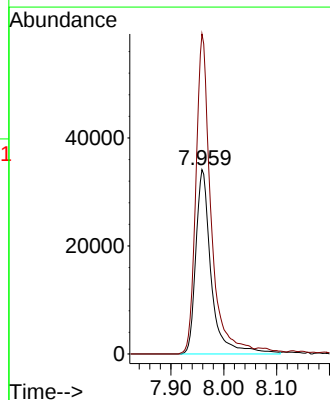
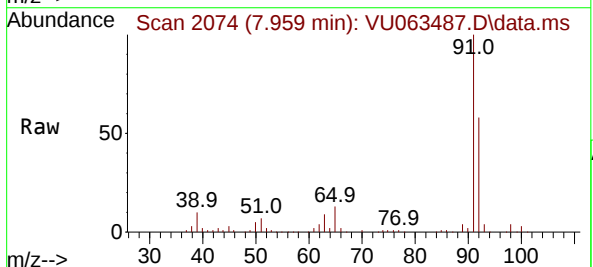
Acq: 11 Jul 2025 10:46

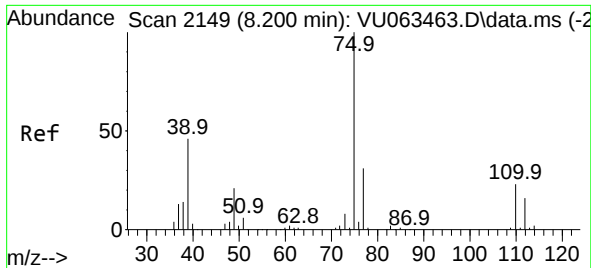
Tgt Ion: 92 Resp: 69254

Ion Ratio Lower Upper

92 100

91 168.8 144.5 216.7

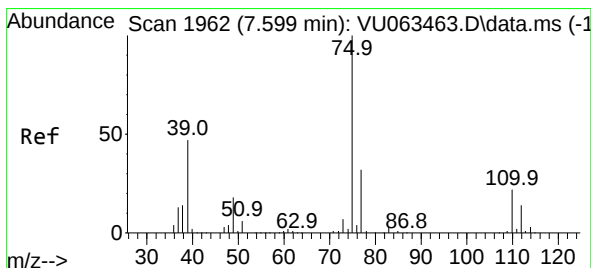
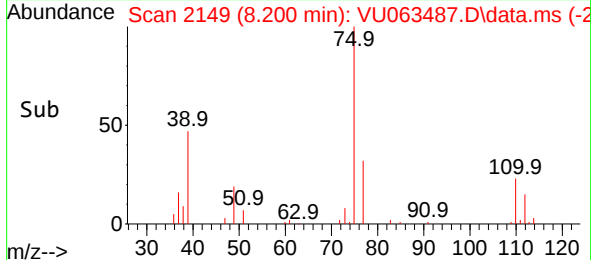
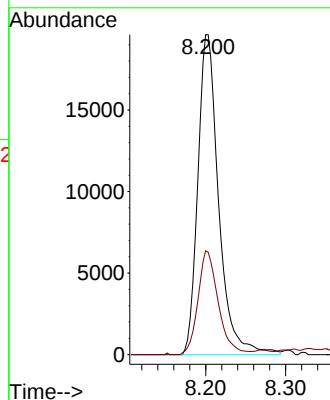
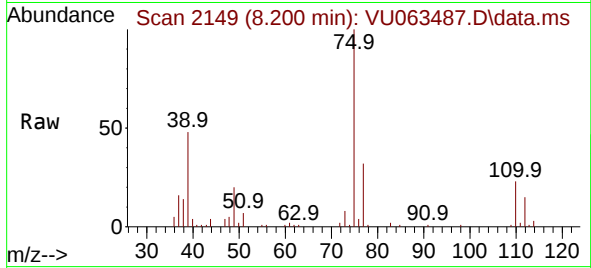




#53
 t-1,3-Dichloropropene
 Concen: 20.033 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

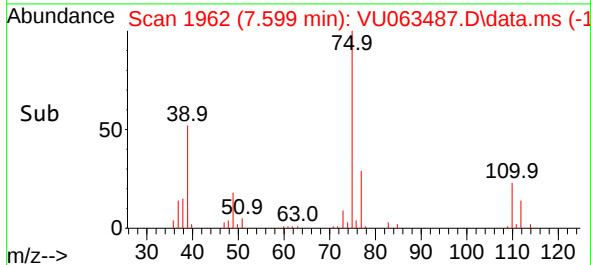
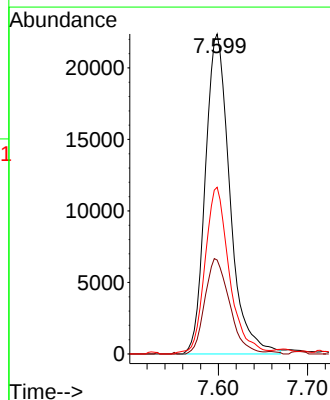
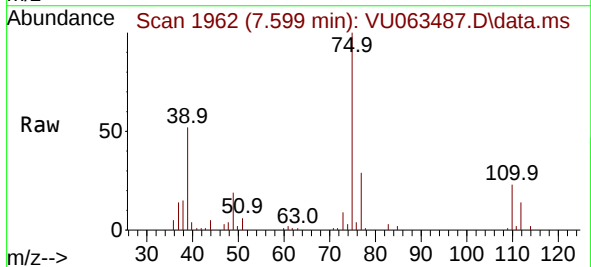
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

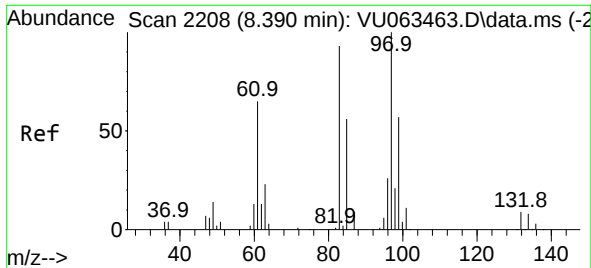
Tgt Ion: 75 Resp: 35574
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.513 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

Tgt Ion: 75 Resp: 42763
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0
 39 51.4 37.2 55.8

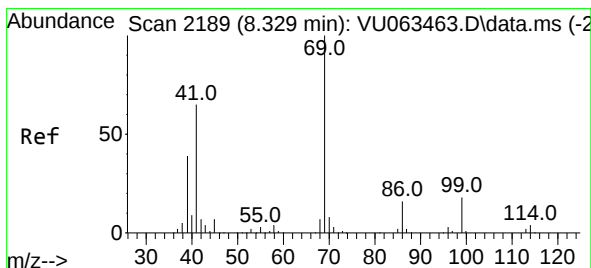
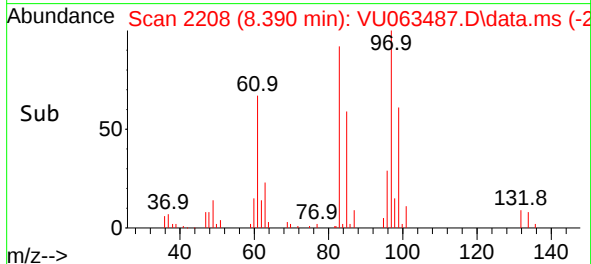
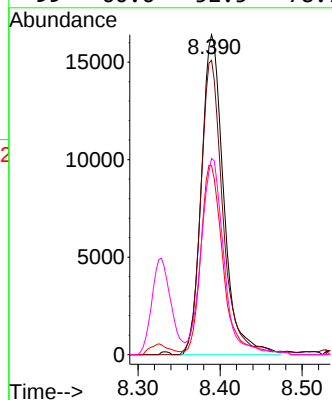
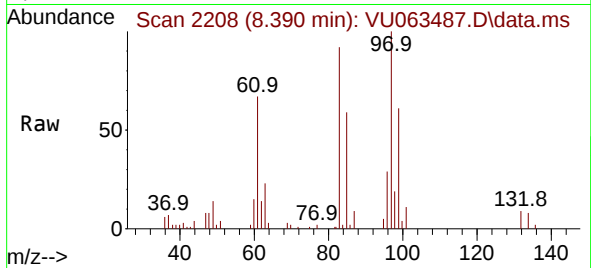




#55
 1,1,2-Trichloroethane
 Concen: 22.595 ug/l
 RT: 8.390 min Scan# 2188
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

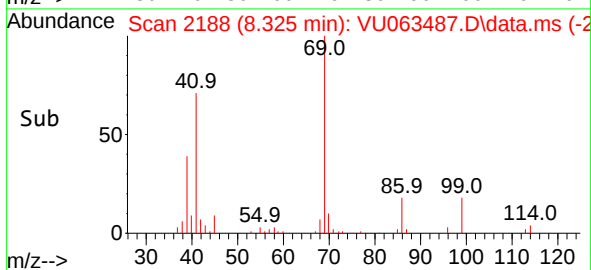
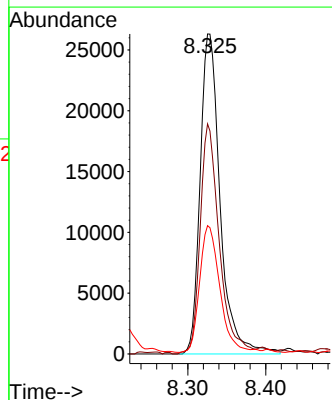
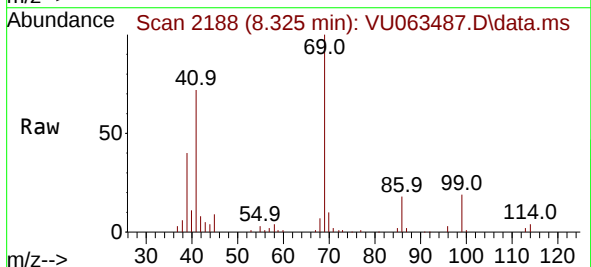
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

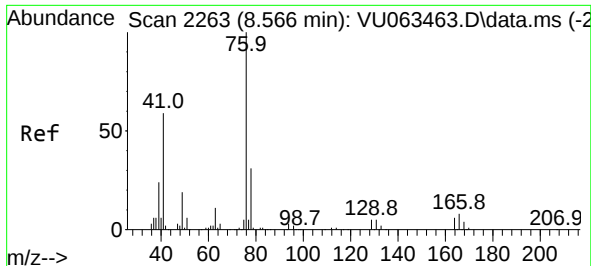
Tgt Ion:	97	Resp:	30967
Ion	Ratio	Lower	Upper
97	100		
83	92.0	74.2	111.4
85	58.1	45.8	68.8
99	60.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 21.245 ug/l
 RT: 8.325 min Scan# 2188
 Delta R.T. -0.003 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

Tgt Ion:	69	Resp:	46969
Ion	Ratio	Lower	Upper
69	100		
41	68.5	53.0	79.6
39	40.0	31.0	46.4





#57

1,3-Dichloropropane

Concen: 22.510 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063487.D

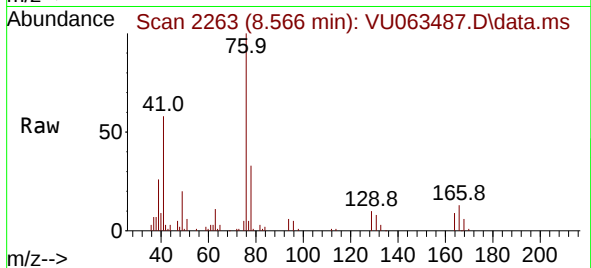
Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

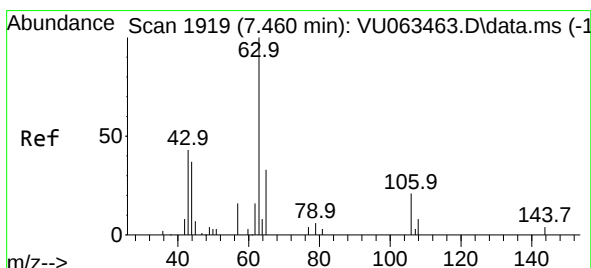
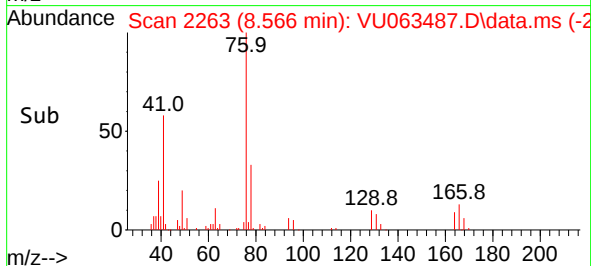
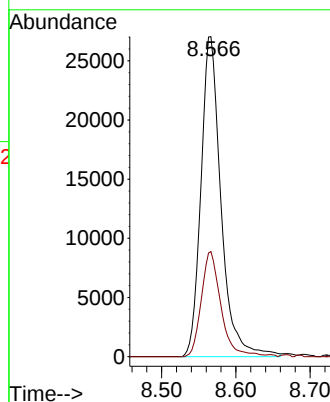
ClientSampleId :

VU0711WBSD01



Tgt Ion: 76 Resp: 50854

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.803 ug/l

RT: 7.467 min Scan# 1921

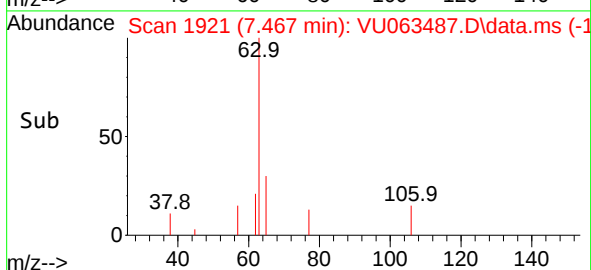
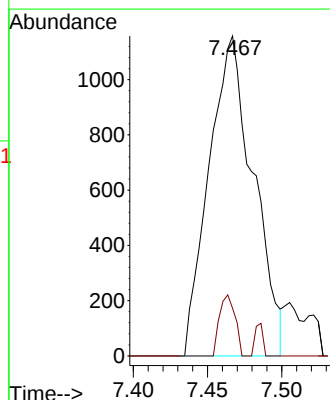
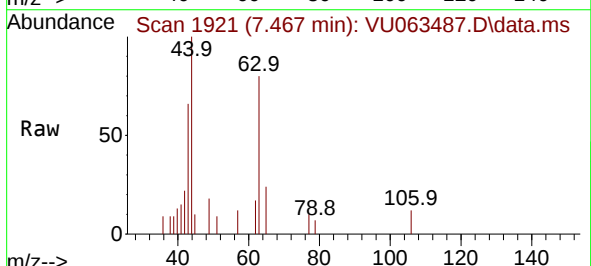
Delta R.T. 0.007 min

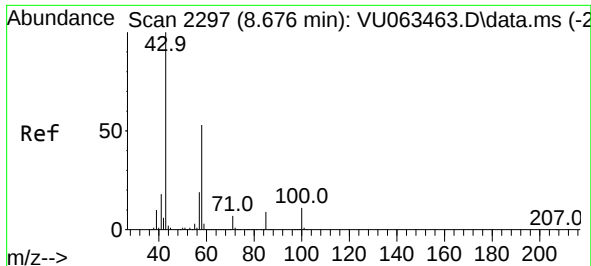
Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Tgt Ion: 63 Resp: 2406

Ion	Ratio	Lower	Upper
63	100		
106	6.7	11.5	17.3

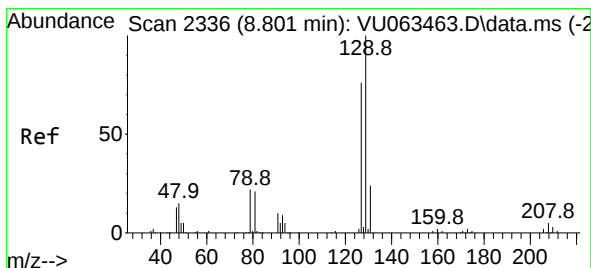
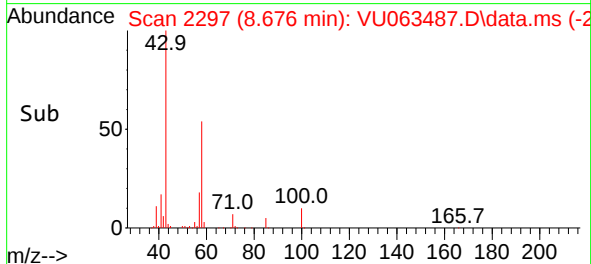
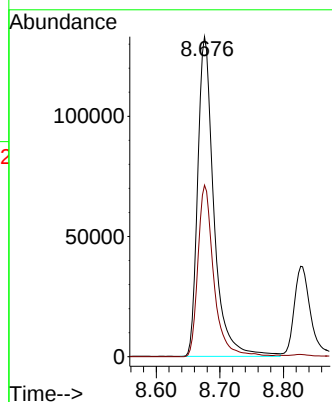
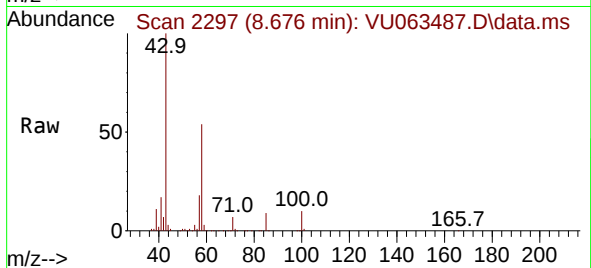




#59
2-Hexanone
Concen: 126.167 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

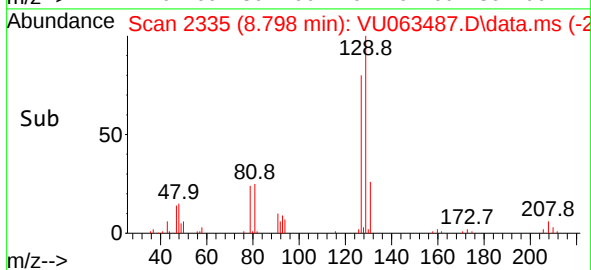
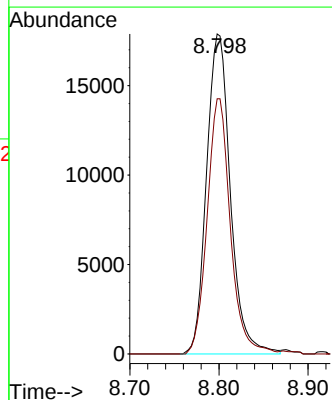
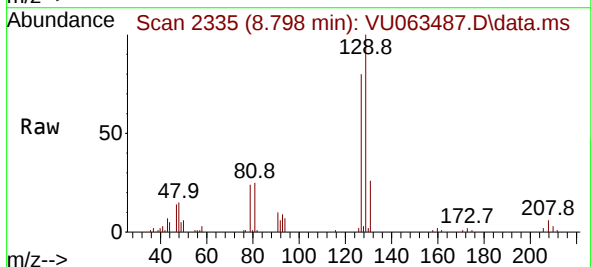
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

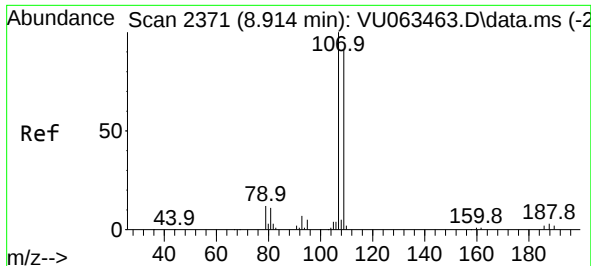
Tgt Ion: 43 Resp: 234734
Ion Ratio Lower Upper
43 100
58 52.8 26.9 80.7



#60
Dibromochloromethane
Concen: 21.668 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 129 Resp: 33267
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

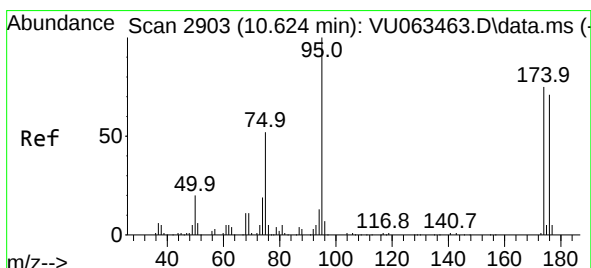
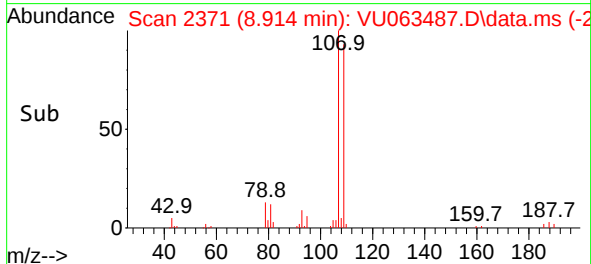
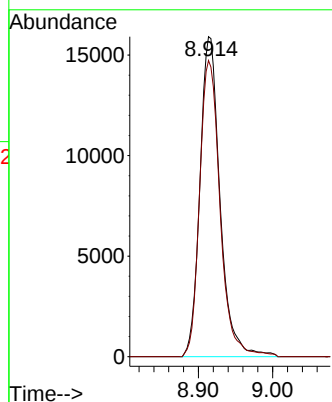
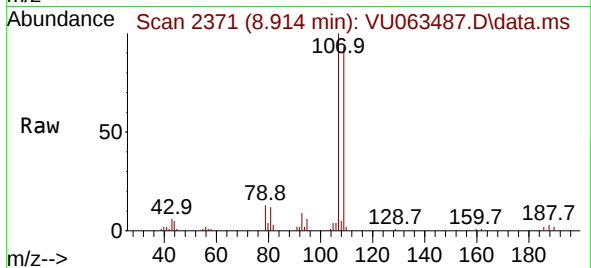




#61
1,2-Dibromoethane
Concen: 22.240 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

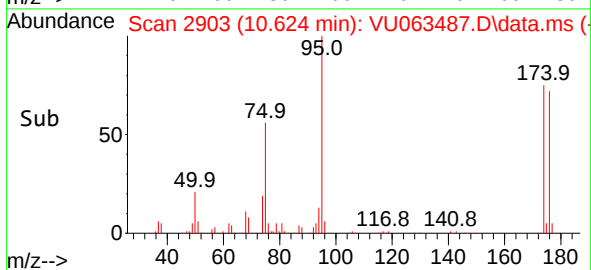
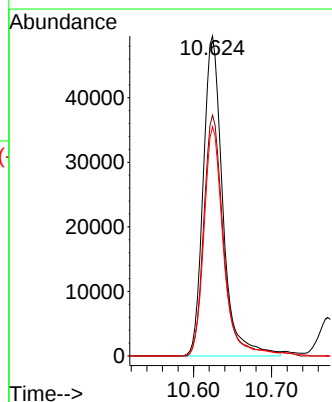
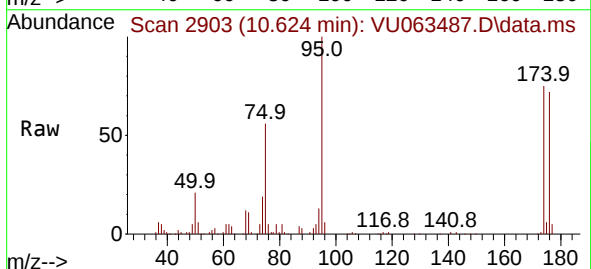
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

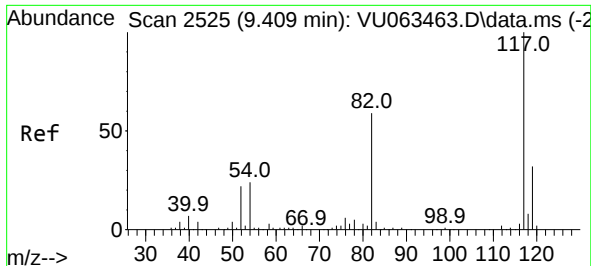
Tgt Ion:107 Resp: 29917
Ion Ratio Lower Upper
107 100
109 94.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 51.958 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 95 Resp: 86135
Ion Ratio Lower Upper
95 100
174 76.1 0.0 153.6
176 72.6 0.0 145.8

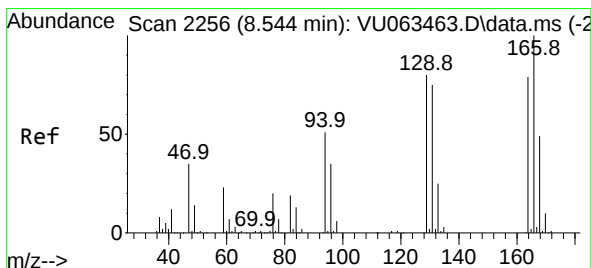
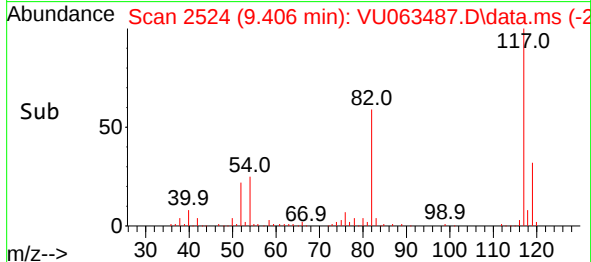
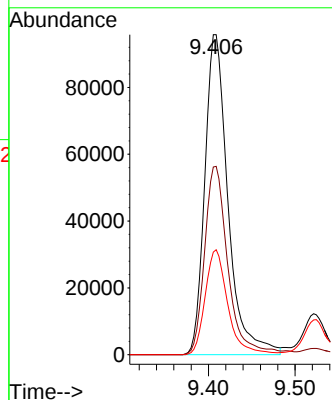
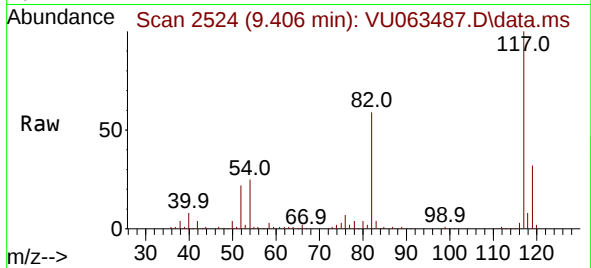




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.406 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

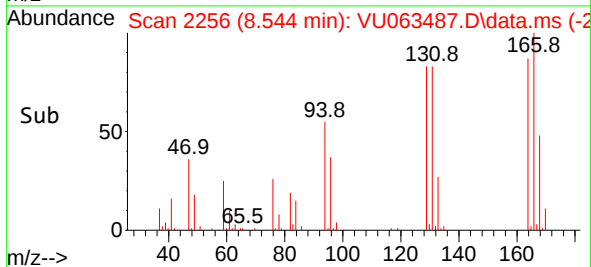
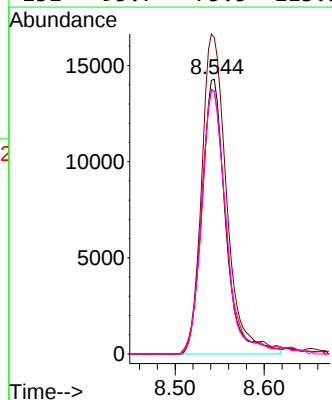
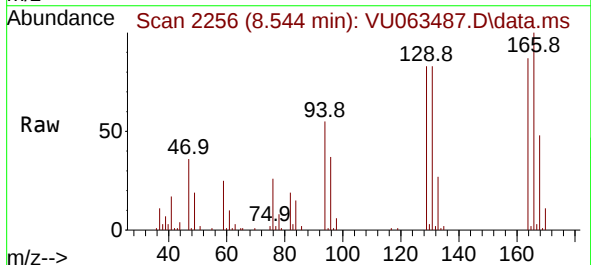
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

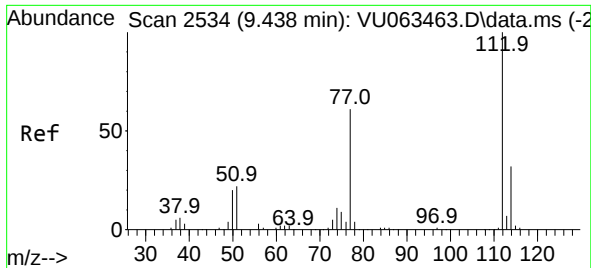
Tgt Ion:117 Resp: 178576
Ion Ratio Lower Upper
117 100
82 58.6 47.1 70.7
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.734 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:164 Resp: 26234
Ion Ratio Lower Upper
164 100
166 115.2 100.9 151.3
129 95.7 80.9 121.3
131 95.7 75.5 113.3

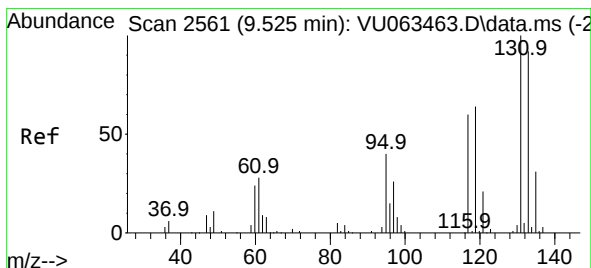
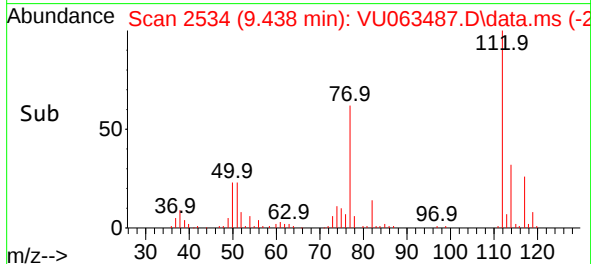
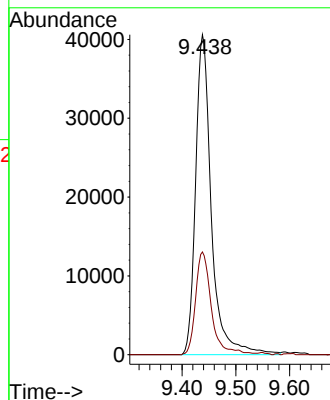
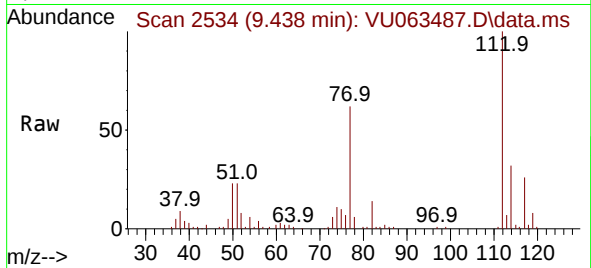




#65
Chlorobenzene
Concen: 22.258 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

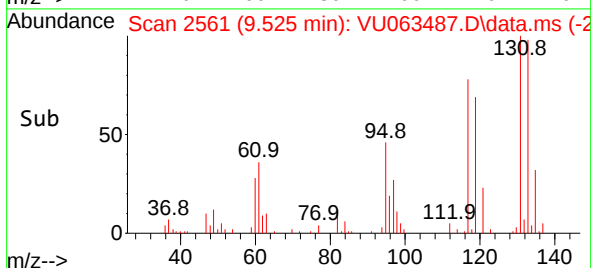
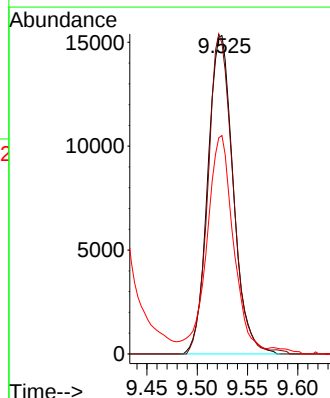
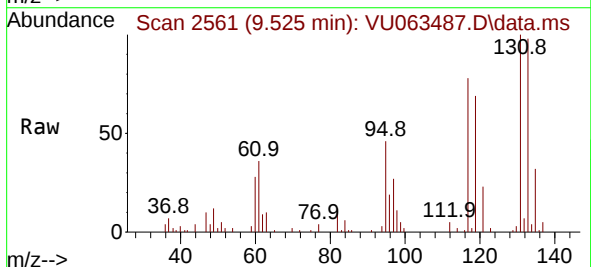
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

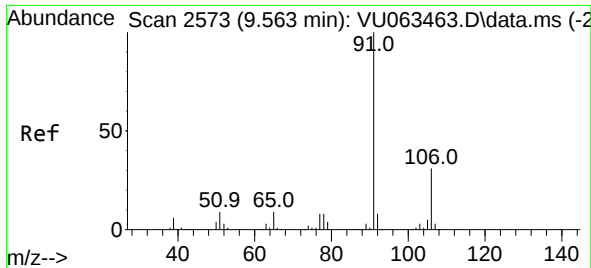
Tgt Ion:112 Resp: 82696
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.154 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:131 Resp: 26954
Ion Ratio Lower Upper
131 100
133 98.5 46.4 139.2
119 68.2 33.3 99.9





#67

Ethyl Benzene

Concen: 21.504 ug/l

RT: 9.560 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

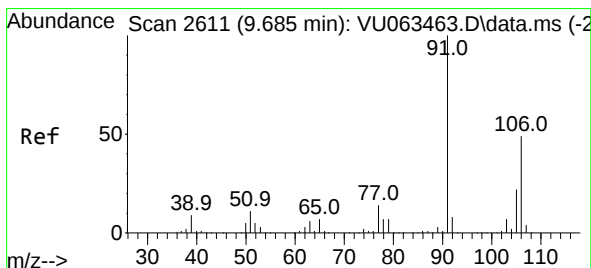
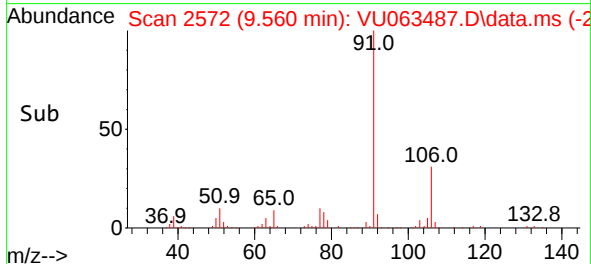
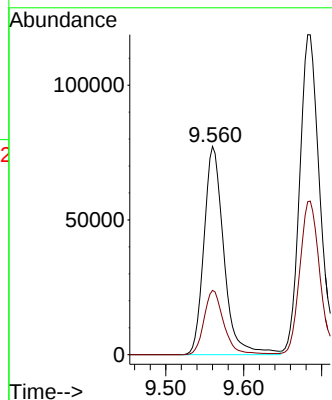
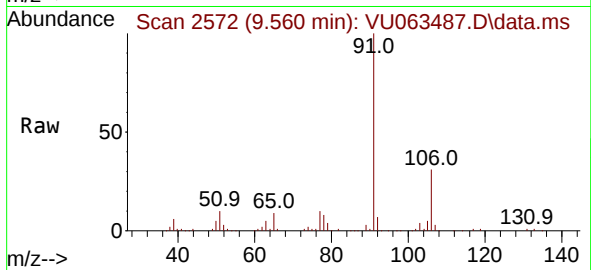
VU0711WBSD01

Tgt Ion: 91 Resp: 137314

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 42.463 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063487.D

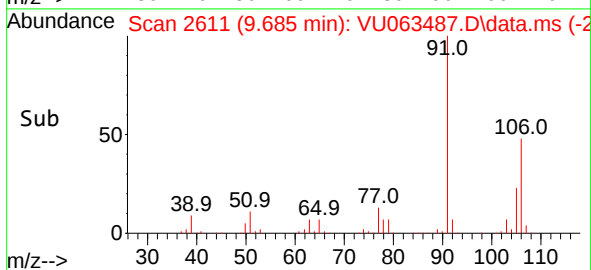
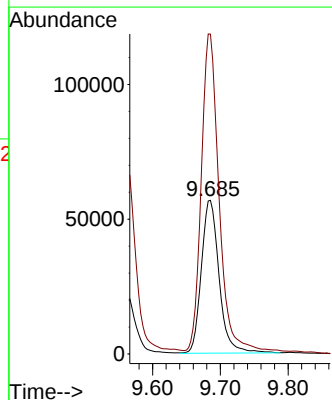
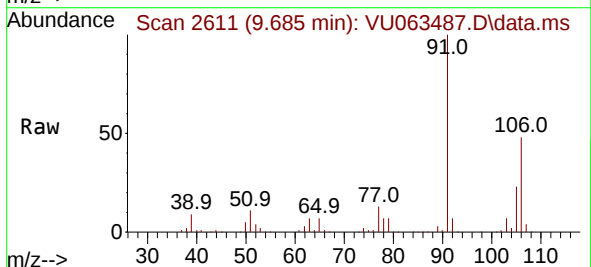
Acq: 11 Jul 2025 10:46

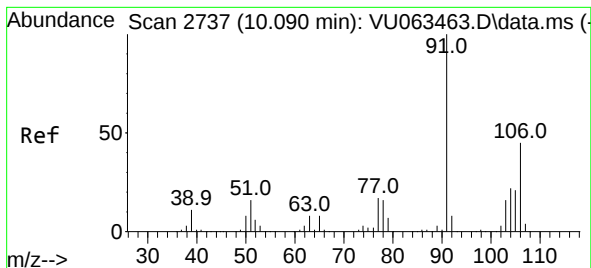
Tgt Ion:106 Resp: 103482

Ion Ratio Lower Upper

106 100

91 207.8 163.6 245.4





#69

o-Xylene

Concen: 21.014 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

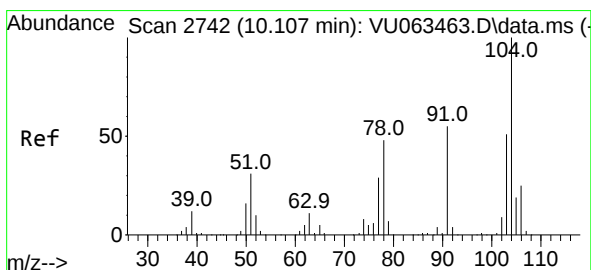
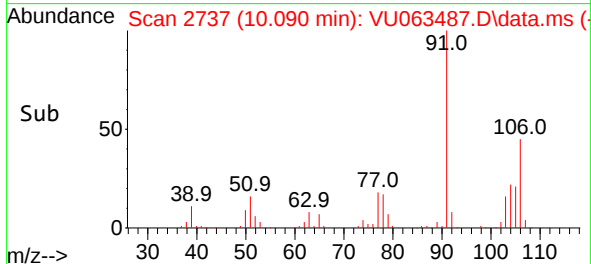
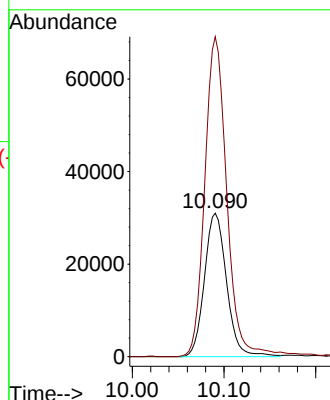
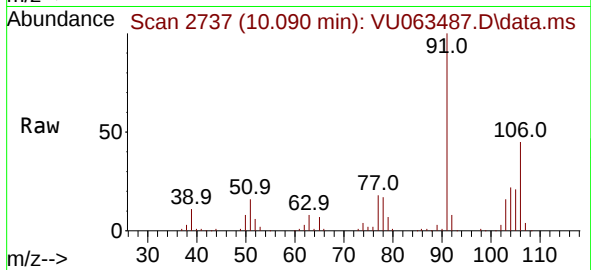
VU0711WBSD01

Tgt Ion:106 Resp: 52066

Ion Ratio Lower Upper

106 100

91 222.8 110.7 331.9



#70

Styrene

Concen: 22.344 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

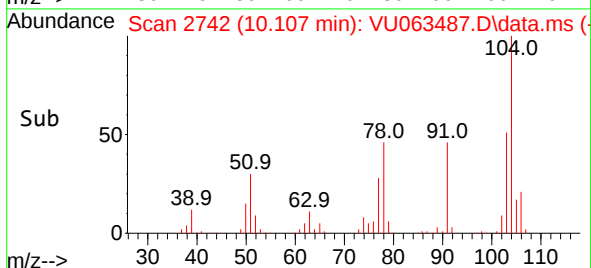
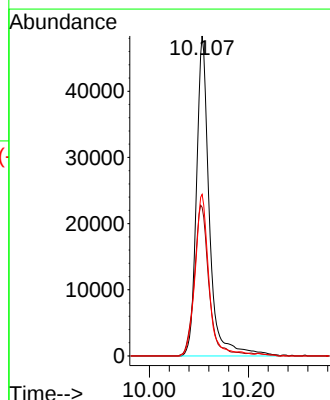
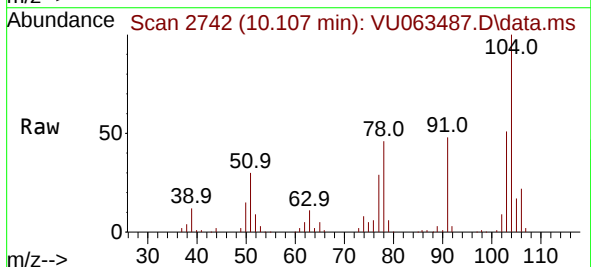
Tgt Ion:104 Resp: 88024

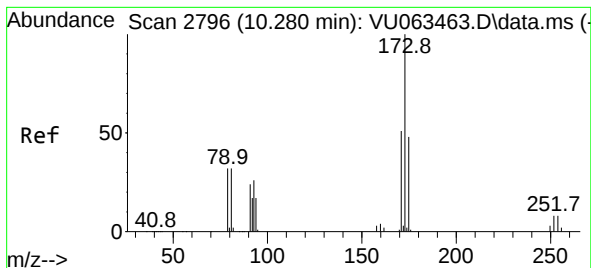
Ion Ratio Lower Upper

104 100

78 53.1 41.4 62.0

103 53.5 44.3 66.5





#71

Bromoform

Concen: 20.875 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

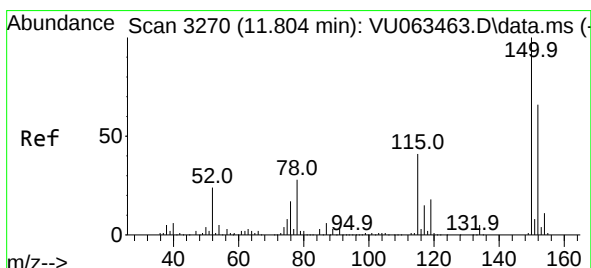
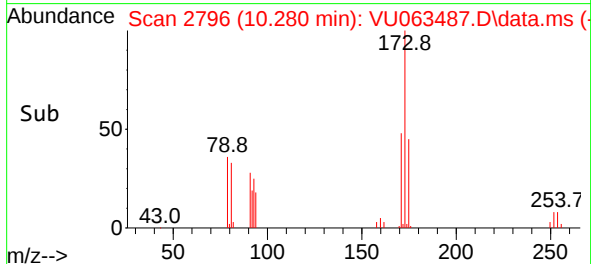
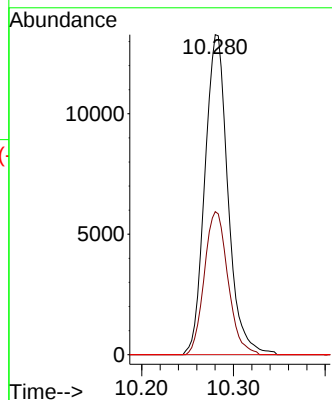
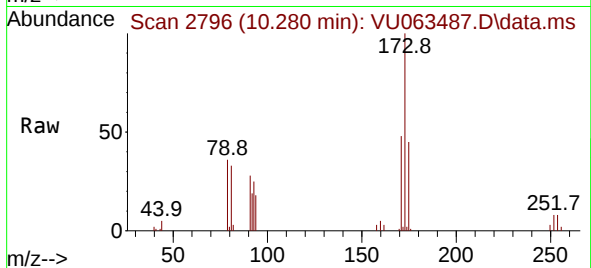
Tgt Ion:173 Resp: 23183

Ion Ratio Lower Upper

173 100

175 45.8 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: VU063487.D

Acq: 11 Jul 2025 10:46

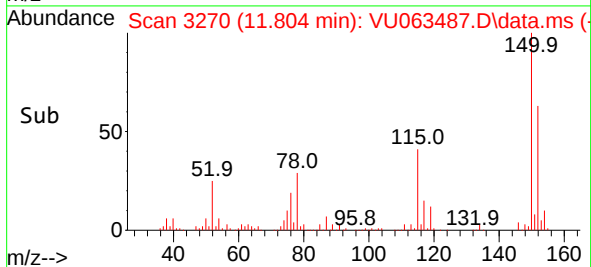
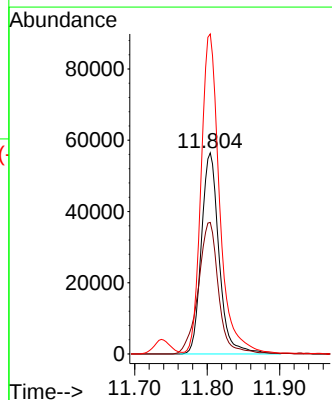
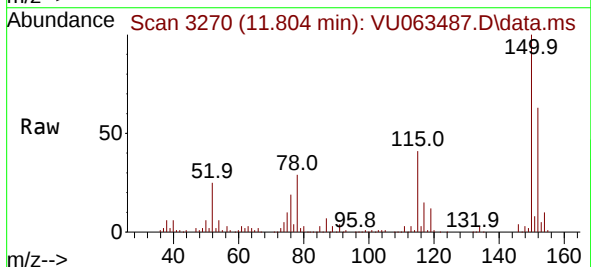
Tgt Ion:152 Resp: 95576

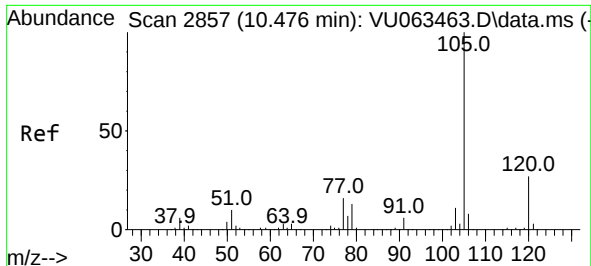
Ion Ratio Lower Upper

152 100

115 74.8 43.4 130.2

150 166.8 0.0 341.4

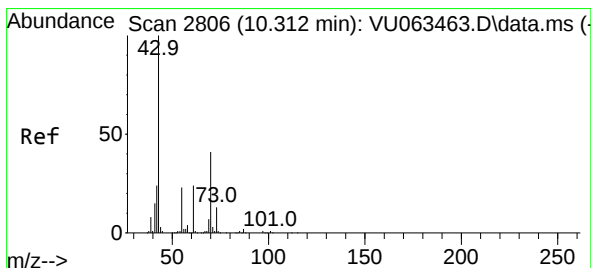
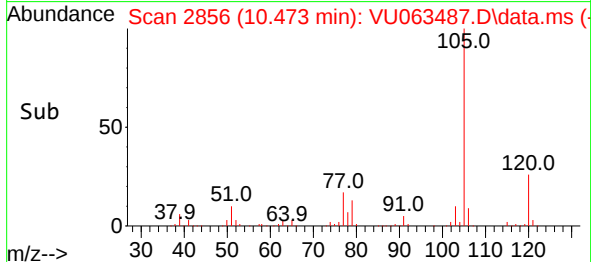
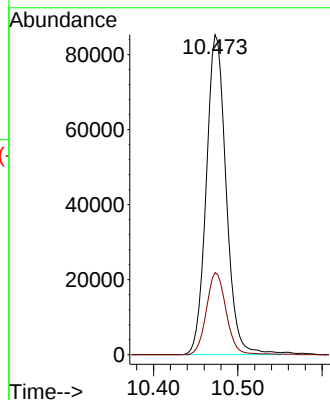
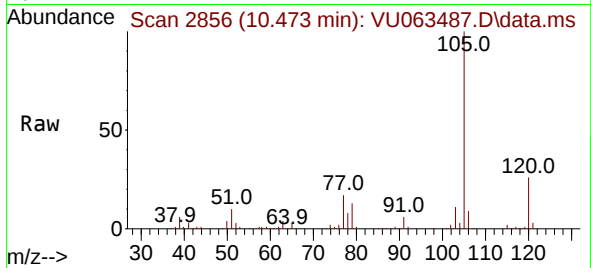




#73
Isopropylbenzene
Concen: 21.518 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

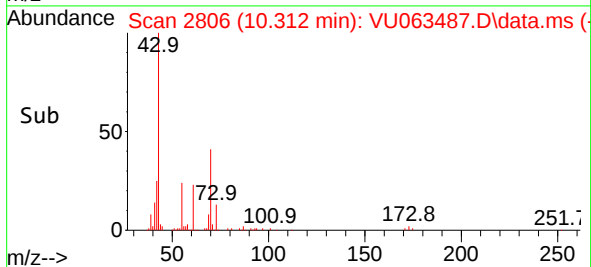
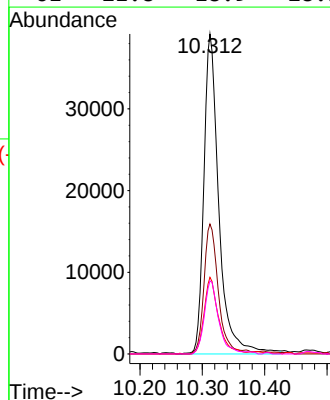
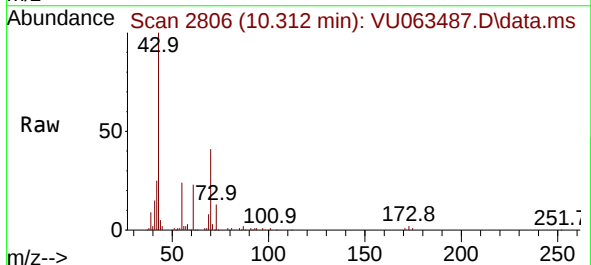
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

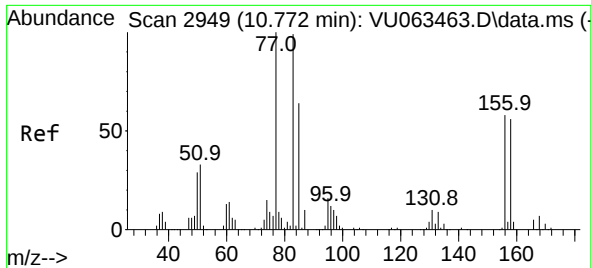
Tgt Ion:105 Resp: 139940
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 22.529 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 43 Resp: 65703
Ion Ratio Lower Upper
43 100
70 38.4 32.6 48.8
55 23.1 18.6 27.8
61 21.8 18.9 28.3

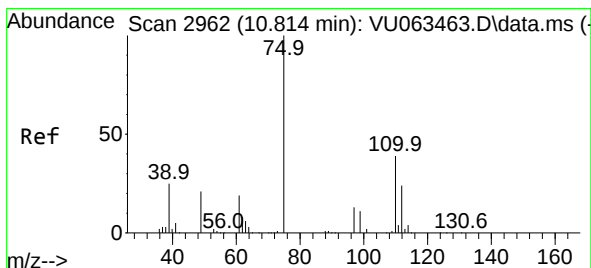
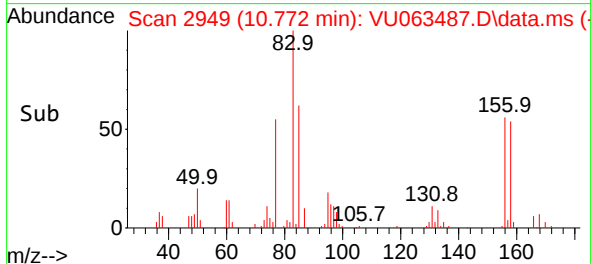
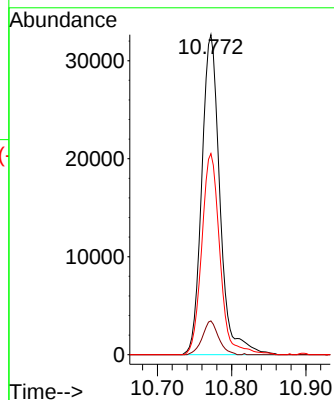
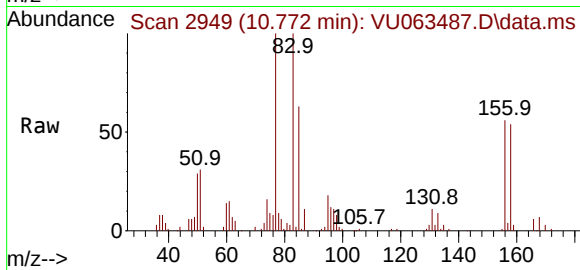




#75
1,1,2,2-Tetrachloroethane
Concen: 23.182 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

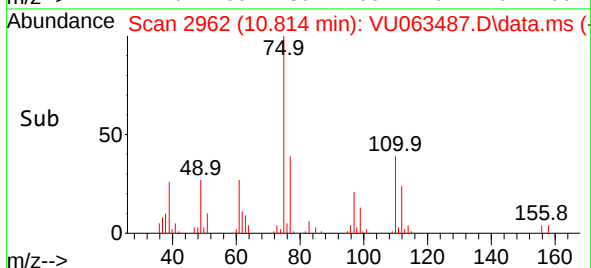
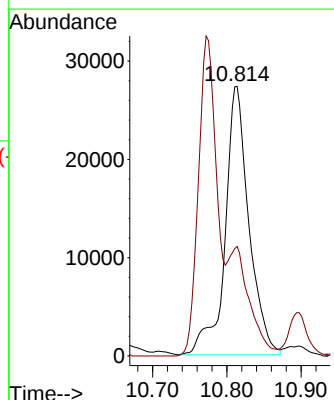
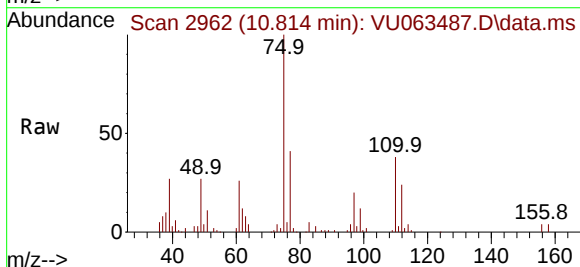
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

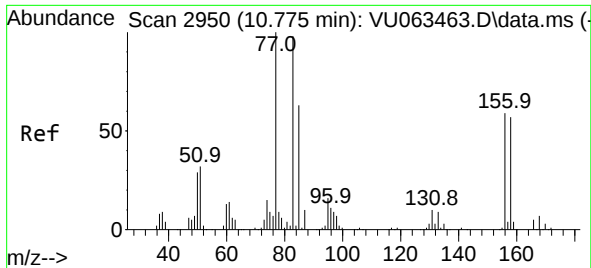
Tgt Ion: 83 Resp: 55494
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 62.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 24.120 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 75 Resp: 61086
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

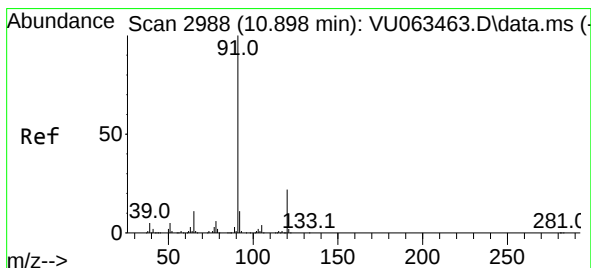
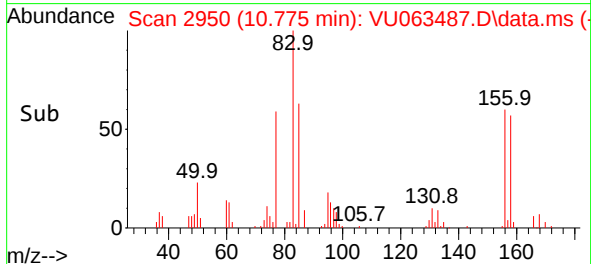
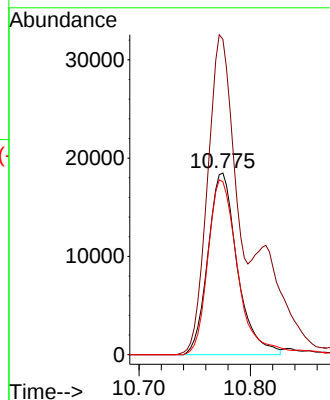
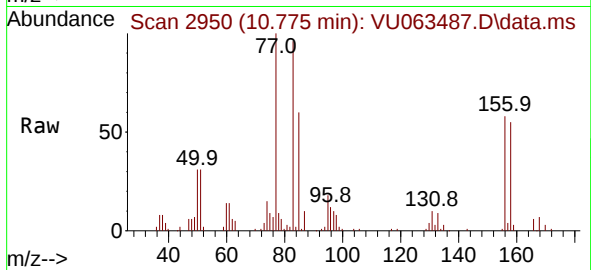




#77
Bromobenzene
Concen: 21.251 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

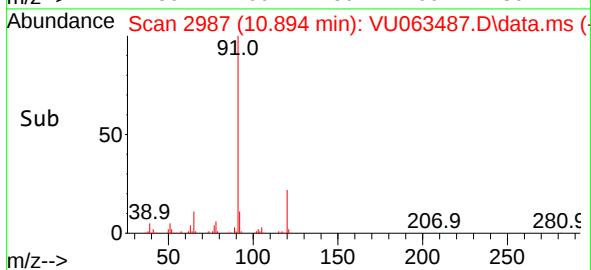
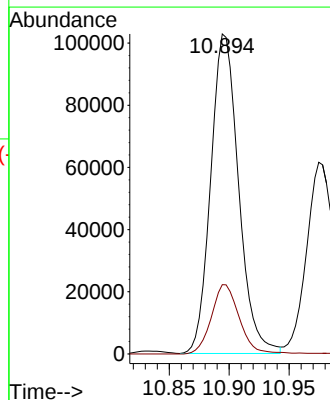
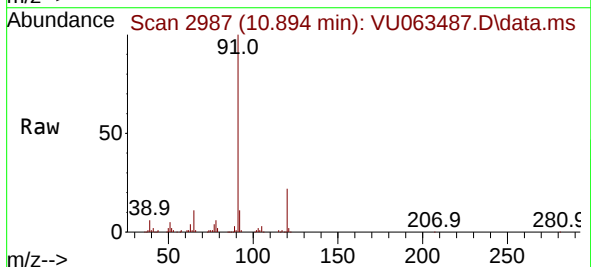
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

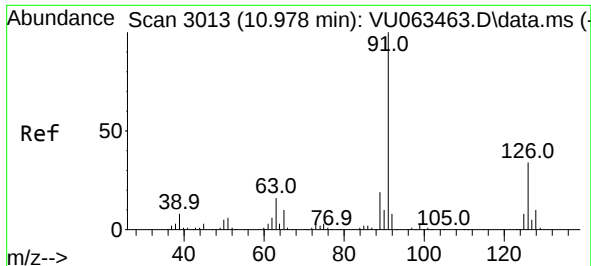
Tgt Ion:156 Resp: 33877
Ion Ratio Lower Upper
156 100
77 166.6 78.2 234.6
158 97.3 46.8 140.4



#78
n-propylbenzene
Concen: 22.019 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 91 Resp: 166066
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4

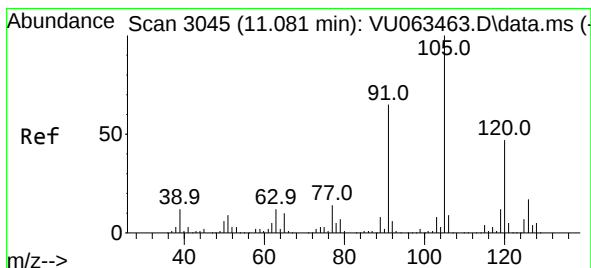
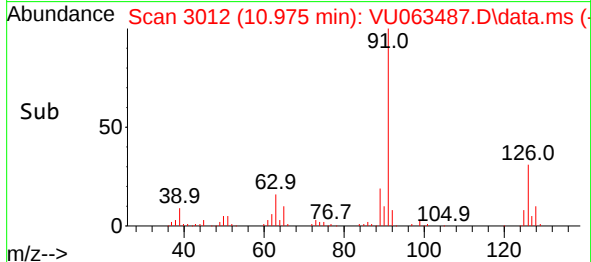
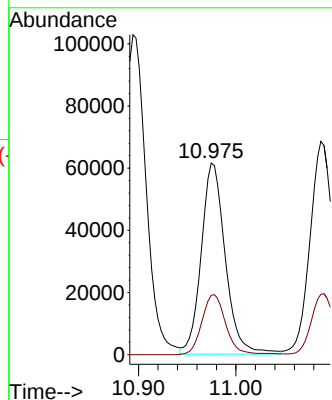
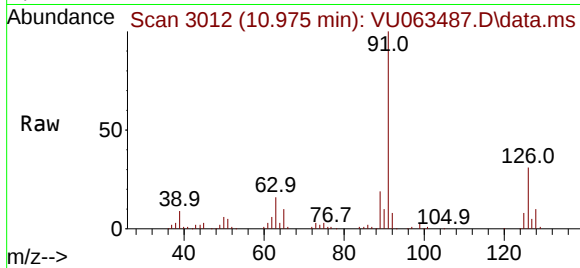




#79
2-Chlorotoluene
Concen: 22.328 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

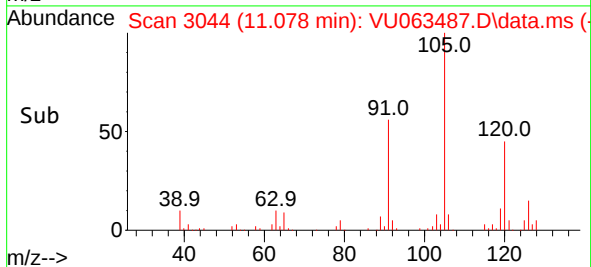
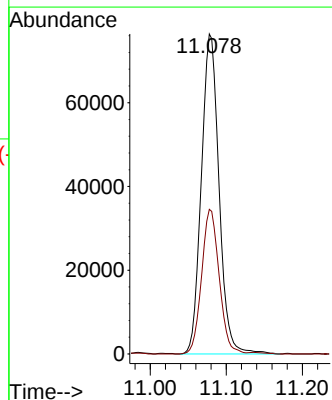
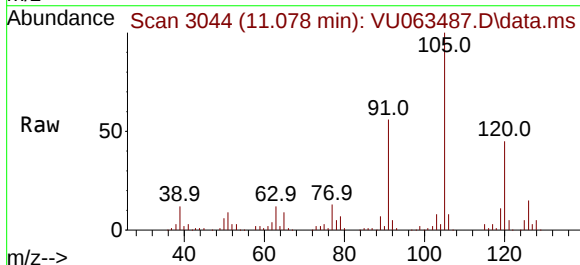
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

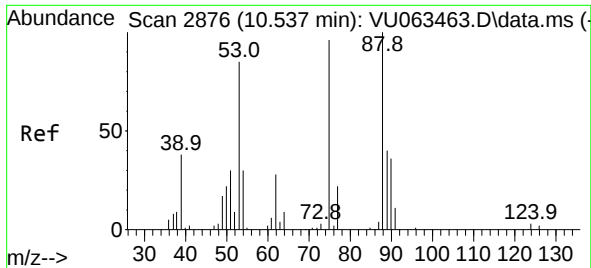
Tgt Ion: 91 Resp: 105612
Ion Ratio Lower Upper
91 100
126 30.9 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 21.679 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:105 Resp: 123315
Ion Ratio Lower Upper
105 100
120 44.8 23.4 70.2

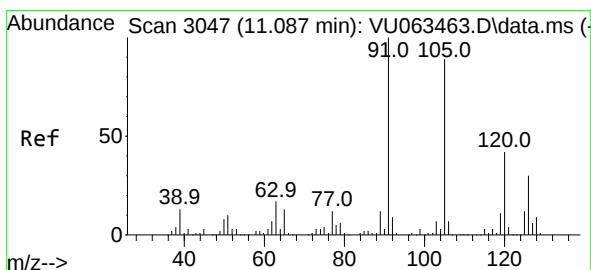
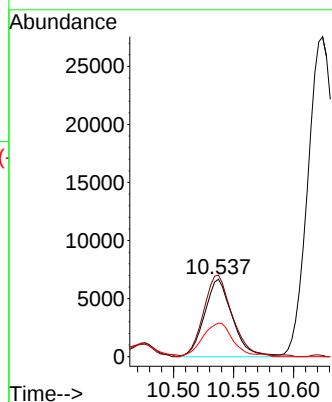
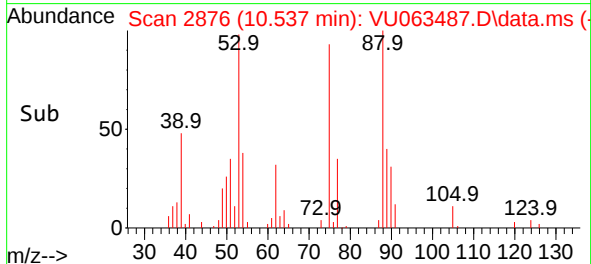
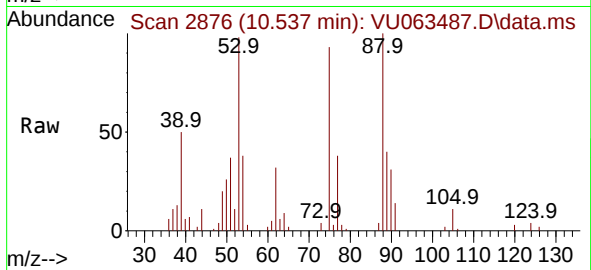




#81
trans-1,4-Dichloro-2-butene
Concen: 21.196 ug/l
RT: 10.537 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

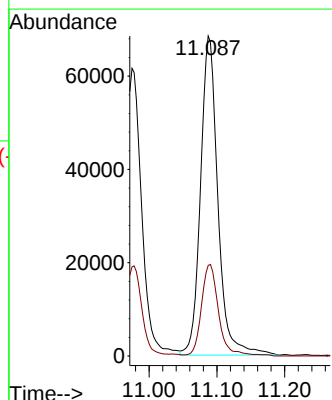
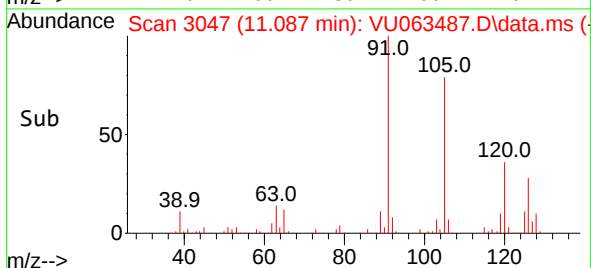
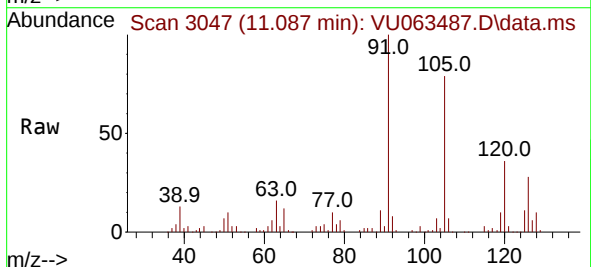
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

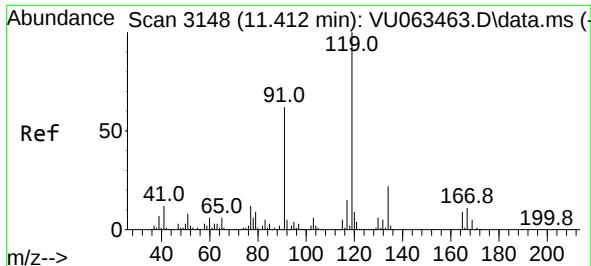
Tgt Ion: 75 Resp: 10763
Ion Ratio Lower Upper
75 100
53 104.8 74.6 111.8
89 47.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 22.647 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion: 91 Resp: 121612
Ion Ratio Lower Upper
91 100
126 28.4 14.4 43.2

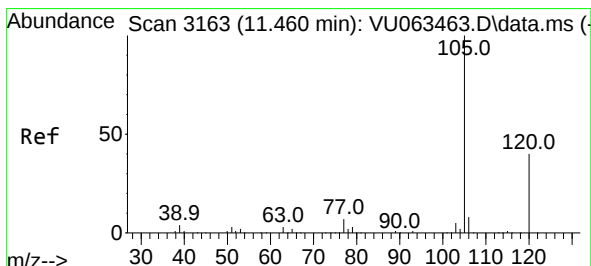
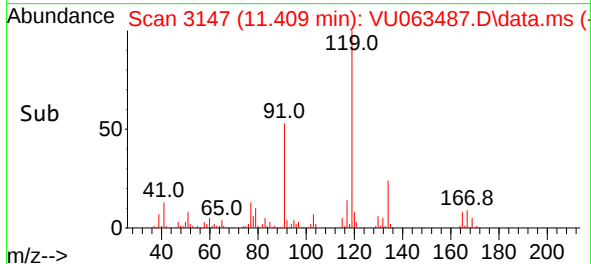
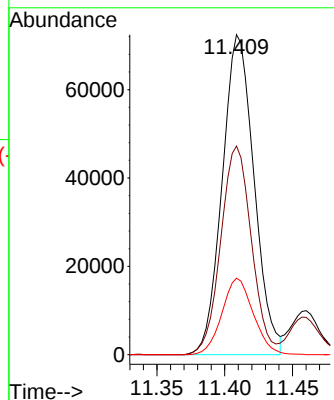
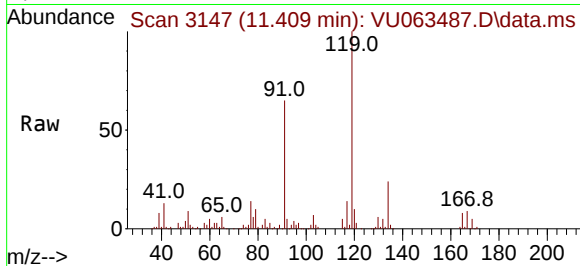




#83
tert-Butylbenzene
Concen: 21.690 ug/l
RT: 11.409 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

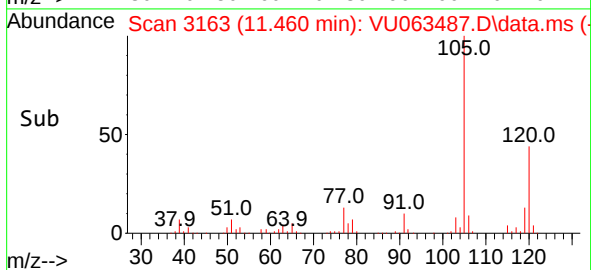
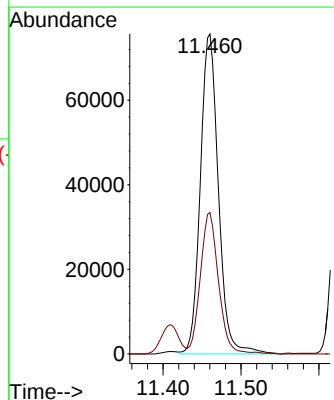
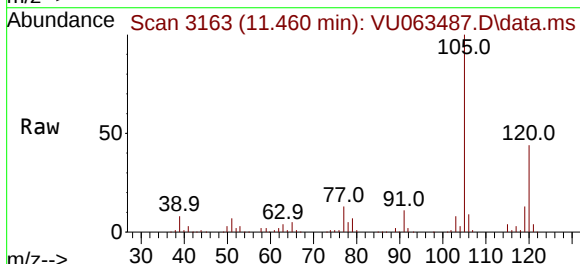
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

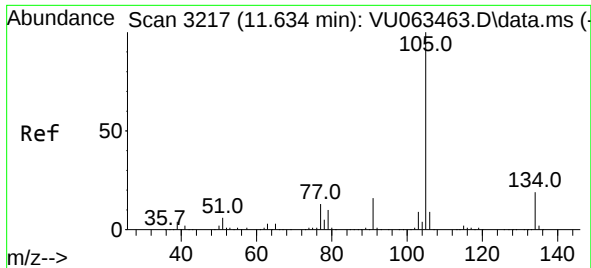
Tgt Ion:119 Resp: 118319
Ion Ratio Lower Upper
119 100
91 62.7 30.3 91.0
134 23.5 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 21.826 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:105 Resp: 121911
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.3

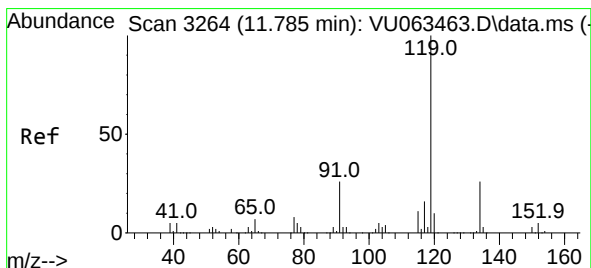
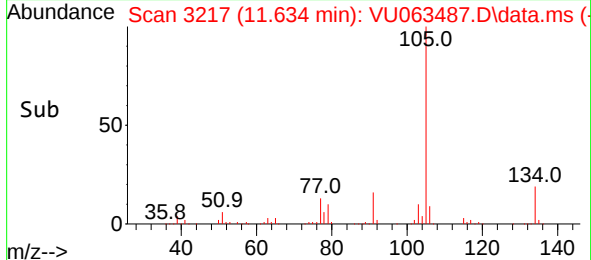
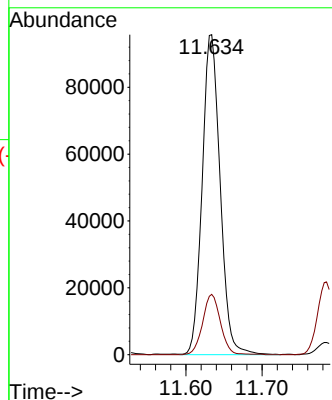
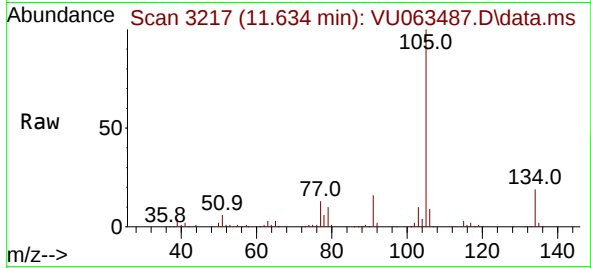




#85
 sec-Butylbenzene
 Concen: 21.816 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

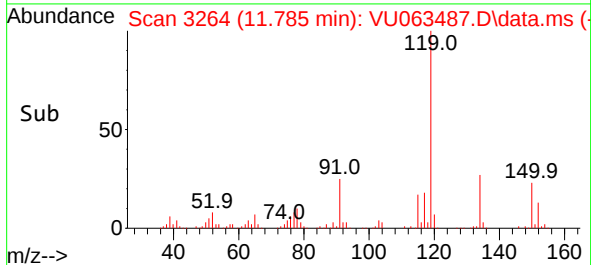
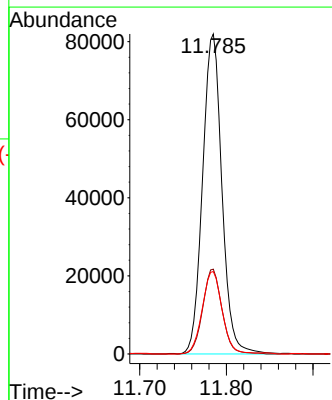
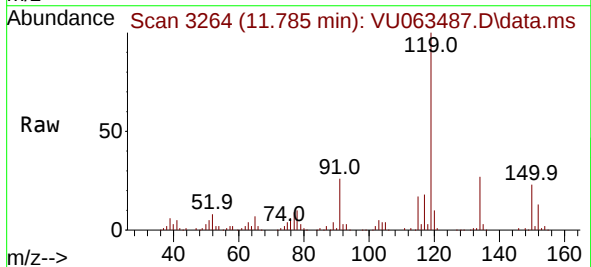
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

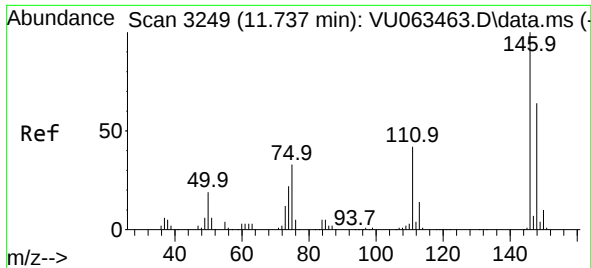
Tgt Ion:105 Resp: 157031
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.754 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

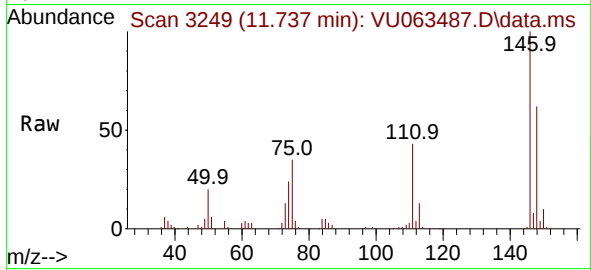
Tgt Ion:119 Resp: 127032
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 26.5 13.0 38.9



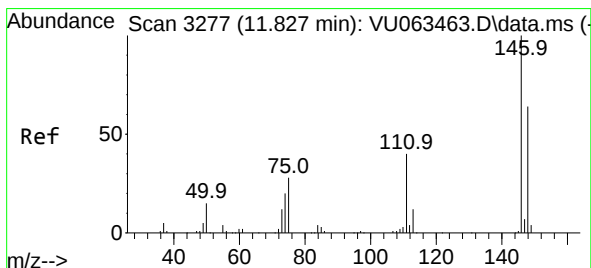
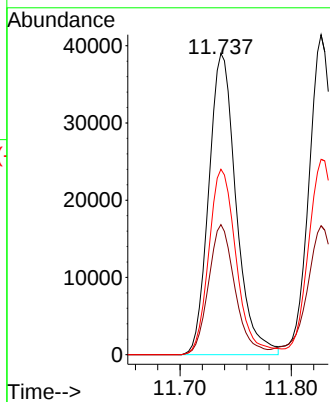
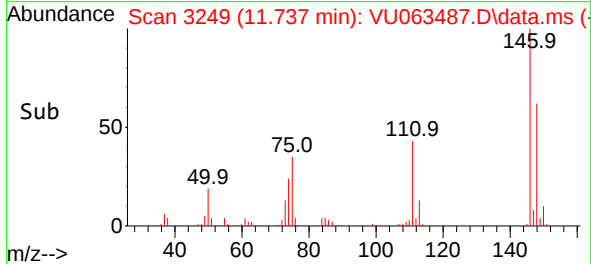


#87
1,3-Dichlorobenzene
Concen: 21.698 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

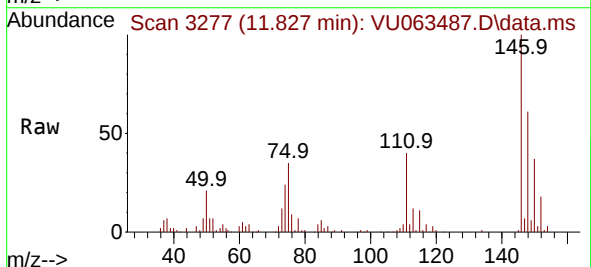
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01



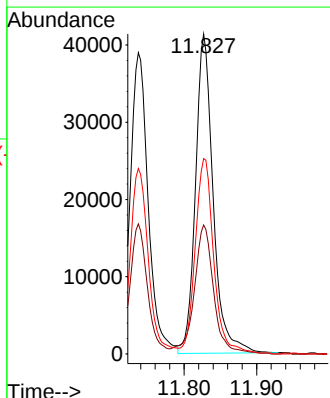
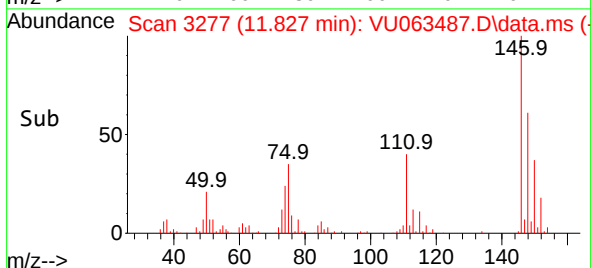
Tgt Ion:146 Resp: 66653
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.7
148 62.1 31.9 95.9

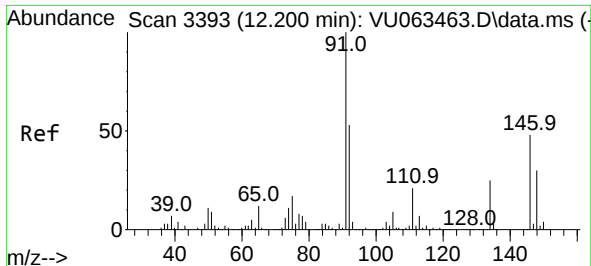


#88
1,4-Dichlorobenzene
Concen: 22.318 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46



Tgt Ion:146 Resp: 69898
Ion Ratio Lower Upper
146 100
111 44.6 20.8 62.4
148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 22.128 ug/l

RT: 12.200 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

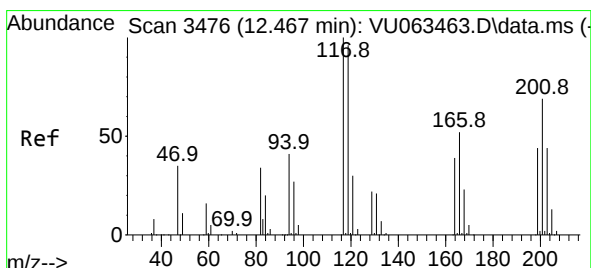
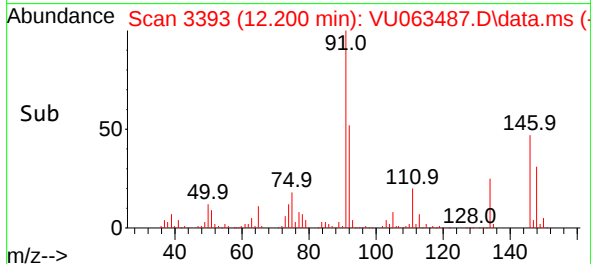
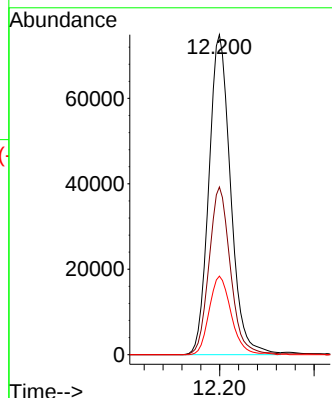
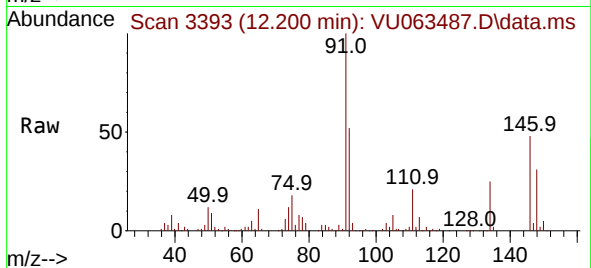
Tgt Ion: 91 Resp: 119596

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 24.8 12.4 37.0



#90

Hexachloroethane

Concen: 20.831 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. -0.003 min

Lab File: VU063487.D

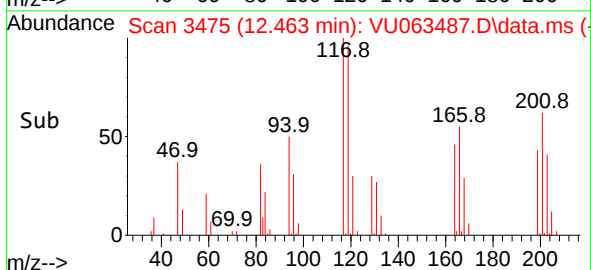
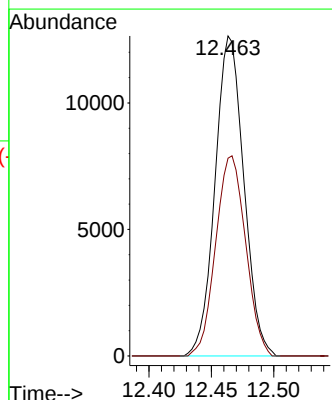
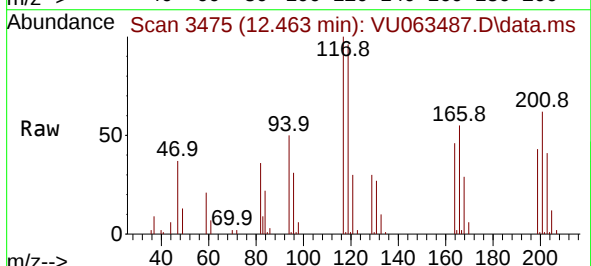
Acq: 11 Jul 2025 10:46

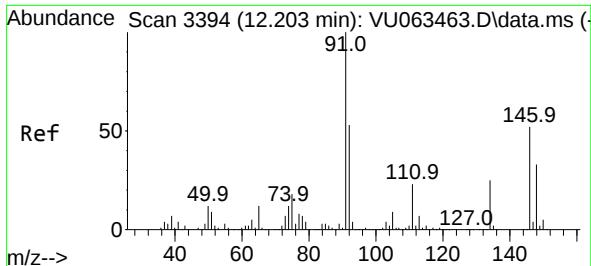
Tgt Ion: 117 Resp: 20345

Ion Ratio Lower Upper

117 100

201 64.9 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 22.451 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBSD01

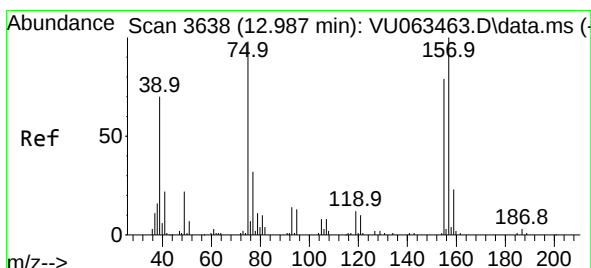
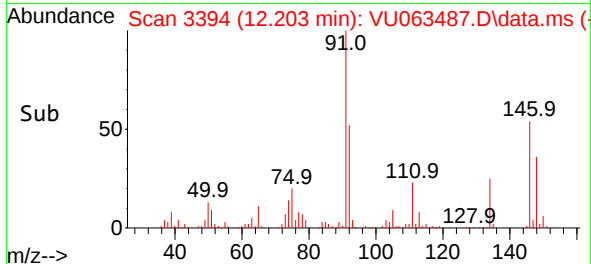
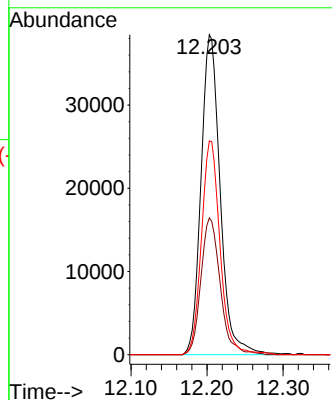
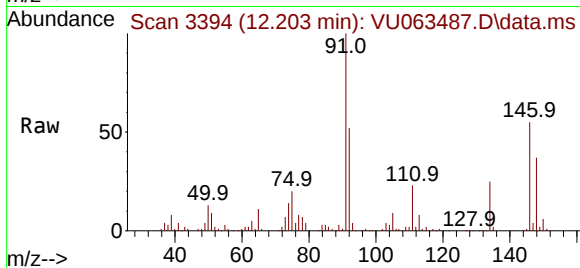
Tgt Ion:146 Resp: 67252

Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.5

148 65.0 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.604 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063487.D

Acq: 11 Jul 2025 10:46

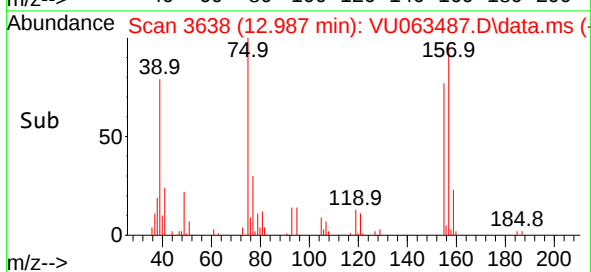
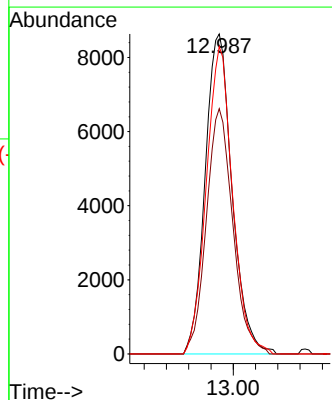
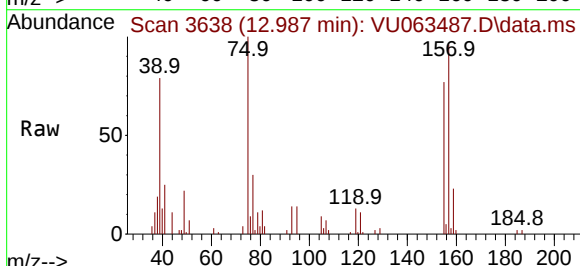
Tgt Ion: 75 Resp: 14516

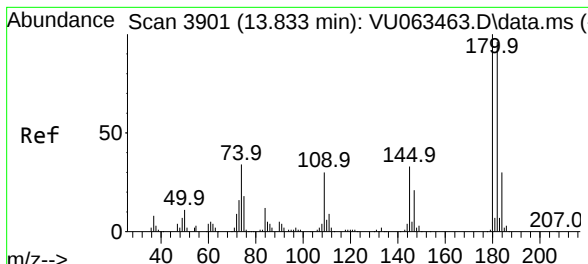
Ion Ratio Lower Upper

75 100

155 75.3 39.1 117.5

157 93.7 49.4 148.2

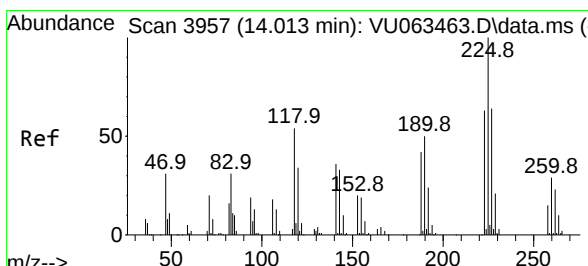
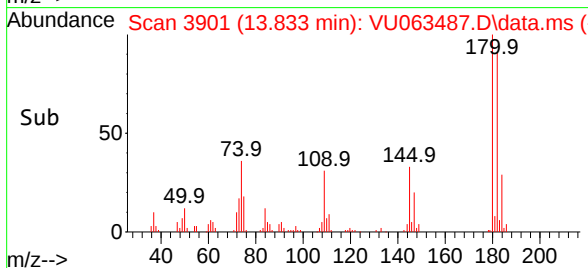
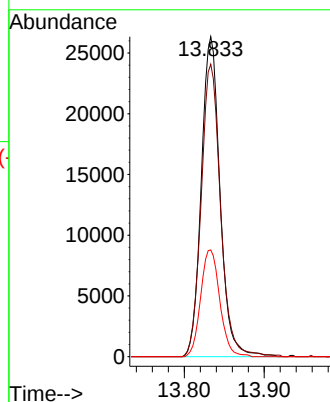
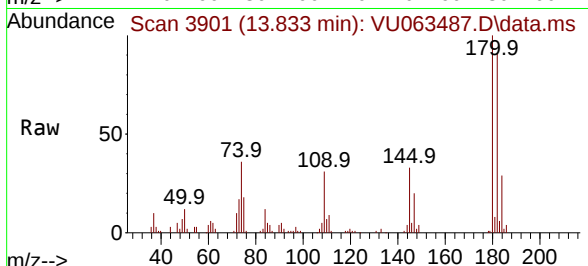




#93
 1,2,4-Trichlorobenzene
 Concen: 22.411 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

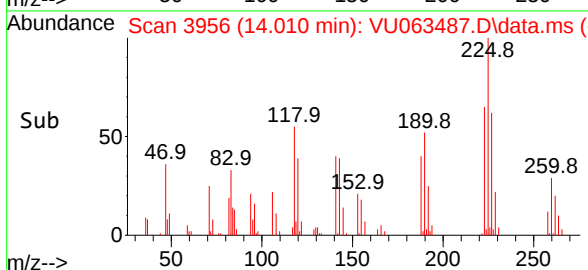
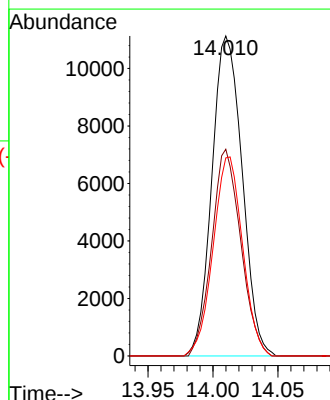
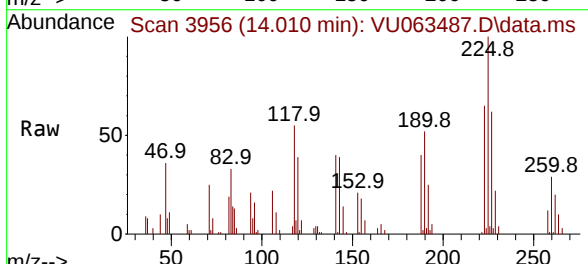
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

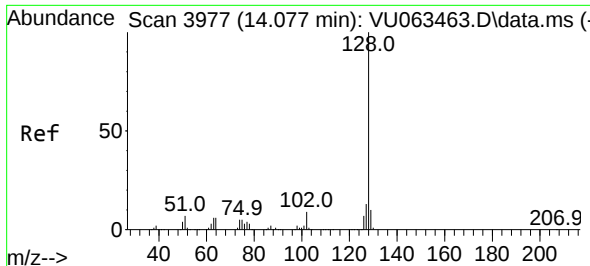
Tgt Ion:180 Resp: 42992
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.7 143.1
 145 34.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.960 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.003 min
 Lab File: VU063487.D
 Acq: 11 Jul 2025 10:46

Tgt Ion:225 Resp: 18008
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.4 97.0
 227 60.7 32.3 96.9

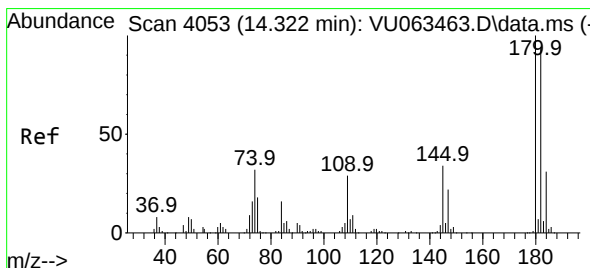
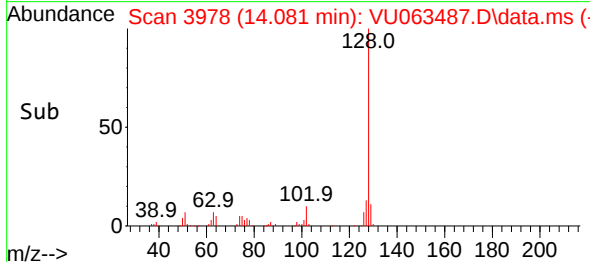
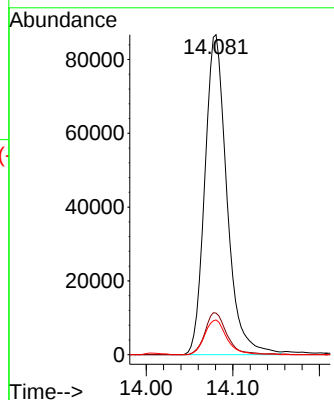
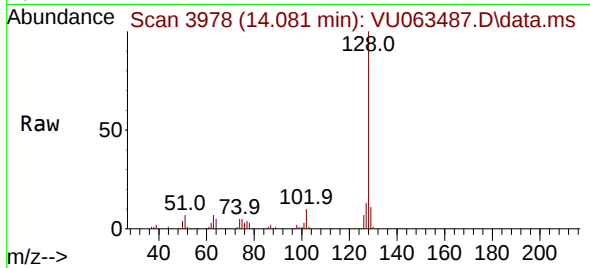




#95
Naphthalene
Concen: 24.472 ug/l
RT: 14.081 min Scan# 3977
Delta R.T. 0.003 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBSD01

Tgt Ion:128 Resp: 153741
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 23.049 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063487.D
Acq: 11 Jul 2025 10:46

Tgt Ion:180 Resp: 43452
Ion Ratio Lower Upper
180 100
182 93.4 47.8 143.3
145 35.8 17.2 51.5

