

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063506.D
 Acq On : 14 Jul 2025 13:51
 Operator : MD/SY
 Sample : MDL07
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Jul 15 01:35:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	97085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	173348	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	161768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	83545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	66288	53.515	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.020%	
35) Dibromofluoromethane	5.277	113	51711	49.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.980%	
50) Toluene-d8	7.888	98	163386	47.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.940%	
62) 4-Bromofluorobenzene	10.624	95	73785	49.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	2002	2.593	ug/l	98
3) Chloromethane	1.518	50	2869	3.051	ug/l	91
4) Vinyl Chloride	1.599	62	2994	2.871	ug/l	99
5) Bromomethane	1.846	94	3199	4.378	ug/l	98
6) Chloroethane	1.923	64	2520	3.335	ug/l	91
7) Trichlorofluoromethane	2.129	101	4749	2.823	ug/l	96
8) Diethyl Ether	2.374	74	1981	2.826	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.567	101	2950	2.965	ug/l	95
10) Methyl Iodide	2.708	142	2489	2.395	ug/l	95
11) Tert butyl alcohol	3.203	59	7633	18.379	ug/l	97
12) 1,1-Dichloroethene	2.567	96	3061	3.305	ug/l	94
13) Acrolein	2.486	56	786	13.408	ug/l	92
14) Allyl chloride	2.907	41	6647	3.015	ug/l	95
15) Acrylonitrile	3.309	53	15592	17.527	ug/l	96
16) Acetone	2.624	43	15078	14.511	ug/l	96
17) Carbon Disulfide	2.772	76	7013	3.167	ug/l #	84
18) Methyl Acetate	2.946	43	8382	3.135	ug/l	98
19) Methyl tert-butyl Ether	3.361	73	12045	3.015	ug/l	93
20) Methylene Chloride	3.026	84	4053	2.675	ug/l	95
21) trans-1,2-Dichloroethene	3.332	96	3174	3.190	ug/l	98
22) Diisopropyl ether	3.988	45	10335	2.753	ug/l #	55
23) Vinyl Acetate	3.956	43	39969	13.721	ug/l	98
24) 1,1-Dichloroethane	3.849	63	5817	2.730	ug/l #	93
25) 2-Butanone	4.727	43	17056	14.622	ug/l	100
26) 2,2-Dichloropropane	4.644	77	4661	2.514	ug/l #	71
27) cis-1,2-Dichloroethene	4.660	96	3495	2.661	ug/l	92
28) Bromochloromethane	4.962	49	3105	3.102	ug/l #	96
29) Tetrahydrofuran	5.065	42	11579	15.736	ug/l	95
30) Chloroform	5.078	83	6206	2.759	ug/l	96
31) Cyclohexane	5.364	56	7493	4.375	ug/l #	65
32) 1,1,1-Trichloroethane	5.300	97	5062	2.643	ug/l #	81
36) 1,1-Dichloropropene	5.518	75	3921	2.762	ug/l	93
37) Ethyl Acetate	4.833	43	4331	1.884	ug/l #	85
38) Carbon Tetrachloride	5.509	117	4155	2.656	ug/l	95
39) Methylcyclohexane	6.746	83	5574	3.249	ug/l #	92
40) Benzene	5.766	78	12128	2.735	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.988	41	1504	1.386	ug/l #	66
42) 1,2-Dichloroethane	5.788	62	5097	3.057	ug/l	96
43) Isopropyl Acetate	5.926	43	8558	2.802	ug/l #	94
44) Trichloroethene	6.534	130	2789	2.350	ug/l	75
45) 1,2-Dichloropropane	6.782	63	3240	2.628	ug/l	90
46) Dibromomethane	6.914	93	2499	2.849	ug/l	95
47) Bromodichloromethane	7.097	83	4234	2.322	ug/l	94
48) Methyl methacrylate	6.975	41	3751	2.657	ug/l #	63
49) 1,4-Dioxane	6.978	88	1413	45.616	ug/l #	80
51) 4-Methyl-2-Pentanone	7.788	43	34127	15.438	ug/l	95
52) Toluene	7.962	92	8084	2.787	ug/l	93
53) t-1,3-Dichloropropene	8.209	75	3374	2.114	ug/l	97
54) cis-1,3-Dichloropropene	7.602	75	4170	2.334	ug/l	92
55) 1,1,2-Trichloroethane	8.389	97	3298	2.678	ug/l	92
56) Ethyl methacrylate	8.335	69	4544	2.287	ug/l #	83
57) 1,3-Dichloropropane	8.569	76	5467	2.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.467	63	40	1.939	ug/l #	65
59) 2-Hexanone	8.685	43	24753	14.804	ug/l	100
60) Dibromochloromethane	8.801	129	3053	2.213	ug/l	96
61) 1,2-Dibromoethane	8.920	107	3229	2.671	ug/l	99
64) Tetrachloroethene	8.541	164	3034	2.519	ug/l	95
65) Chlorobenzene	9.441	112	9085	2.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.528	131	2637	2.285	ug/l	94
67) Ethyl Benzene	9.566	91	15587	2.695	ug/l	95
68) m/p-Xylenes	9.685	106	12007	5.439	ug/l	96
69) o-Xylene	10.094	106	5865	2.613	ug/l	98
70) Styrene	10.113	104	9329	2.614	ug/l	98
71) Bromoform	10.283	173	1961	1.949	ug/l #	94
73) Isopropylbenzene	10.476	105	14917	2.624	ug/l	99
74) N-amyl acetate	10.322	43	6635	2.603	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	10.772	83	5551	2.653	ug/l	97
76) 1,2,3-Trichloropropane	10.814	75	6389	2.886	ug/l #	81
77) Bromobenzene	10.778	156	3462	2.484	ug/l #	54
78) n-propylbenzene	10.901	91	18753	2.845	ug/l	96
79) 2-Chlorotoluene	10.981	91	10795	2.611	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	12157	2.445	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.624	75	40094	90.329	ug/l #	12
82) 4-Chlorotoluene	11.094	91	13383	2.851	ug/l	99
83) tert-Butylbenzene	11.412	119	12462	2.614	ug/l	95
84) 1,2,4-Trimethylbenzene	11.463	105	12624	2.586	ug/l	97
85) sec-Butylbenzene	11.637	105	15733	2.500	ug/l	97
86) p-Isopropyltoluene	11.785	119	13334	2.612	ug/l	96
87) 1,3-Dichlorobenzene	11.740	146	7246	2.699	ug/l	99
88) 1,4-Dichlorobenzene	11.833	146	8483	3.099	ug/l	90
89) n-Butylbenzene	12.206	91	12666	2.681	ug/l	97
90) Hexachloroethane	12.466	117	1731	2.028	ug/l	96
91) 1,2-Dichlorobenzene	12.209	146	7183	2.743	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.991	75	1495	3.017	ug/l	78
93) 1,2,4-Trichlorobenzene	13.839	180	4916	2.932	ug/l	92
94) Hexachlorobutadiene	14.013	225	1794	2.503	ug/l	94
95) Naphthalene	14.090	128	17695	3.222	ug/l	96
96) 1,2,3-Trichlorobenzene	14.328	180	4415	2.679	ug/l	98

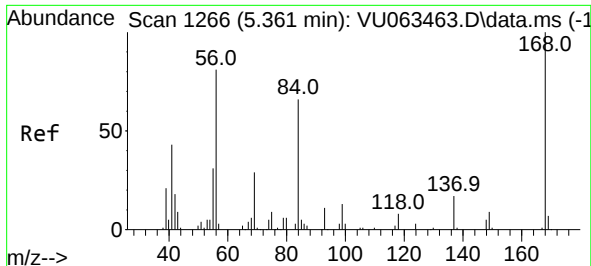
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Response via : Initial Calibration

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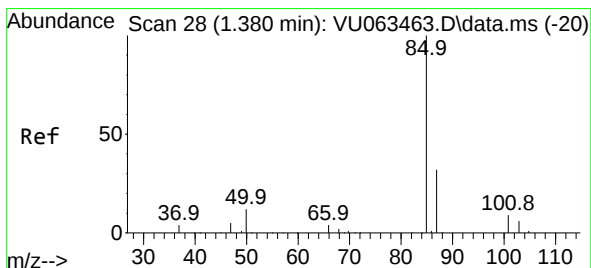
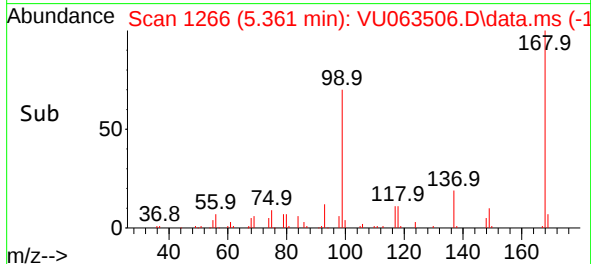
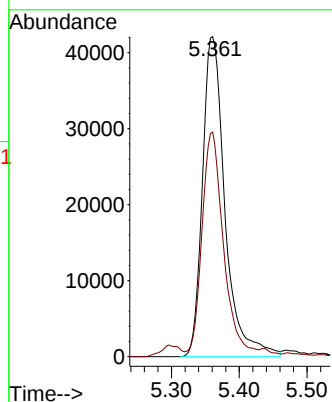
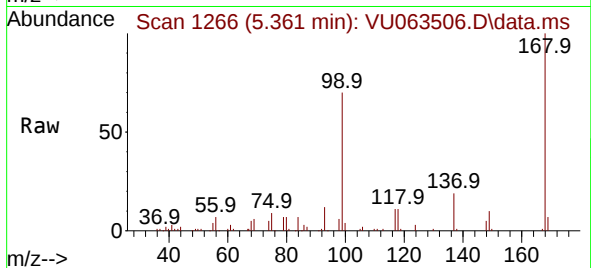
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

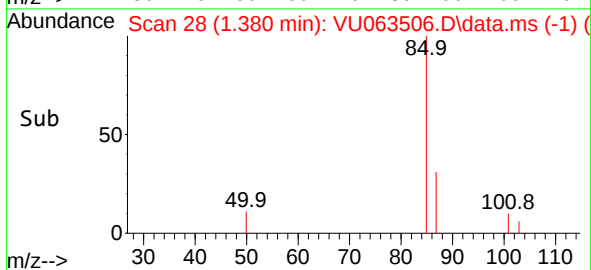
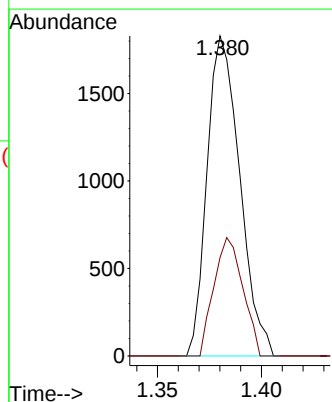
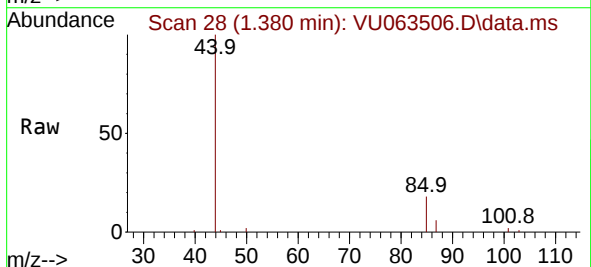
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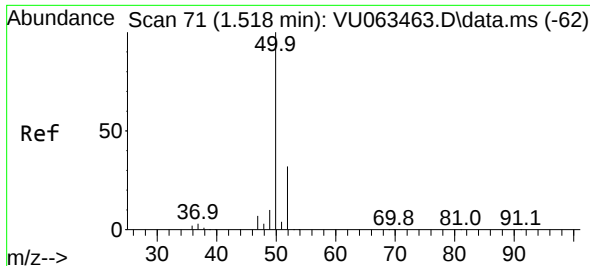
Tgt Ion:168 Resp: 97085
Ion Ratio Lower Upper
168 100
99 69.3 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.593 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 85 Resp: 2002
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2

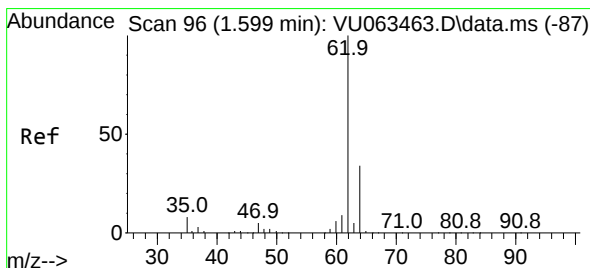
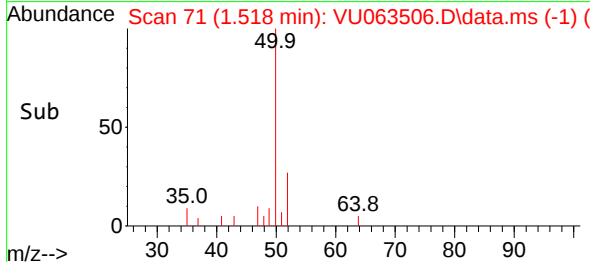
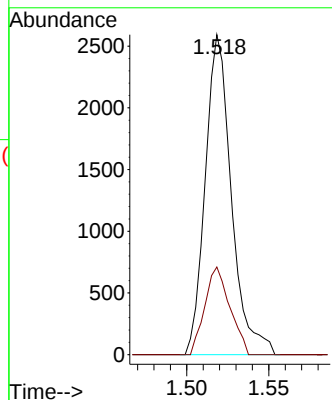
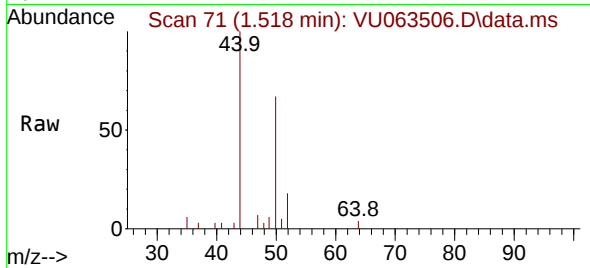




#3
Chloromethane
Concen: 3.051 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

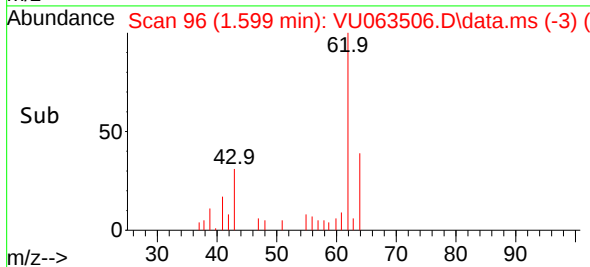
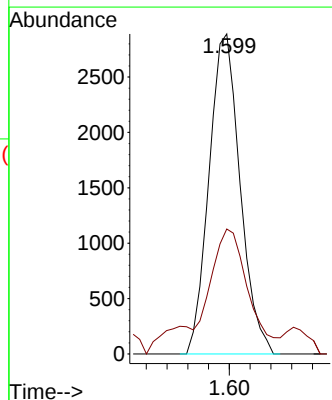
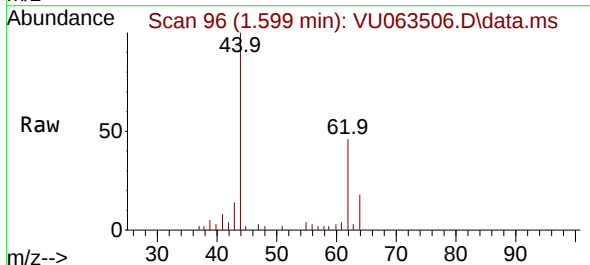
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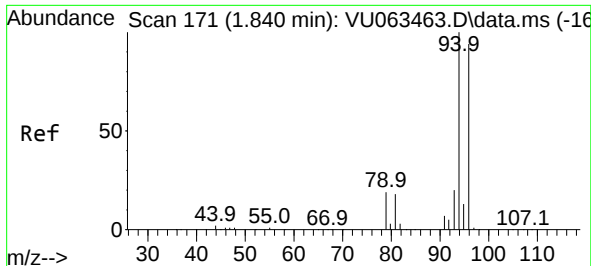
Tgt Ion: 50 Resp: 2869
Ion Ratio Lower Upper
50 100
52 27.4 25.8 38.8



#4
Vinyl Chloride
Concen: 2.871 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 62 Resp: 2994
Ion Ratio Lower Upper
62 100
64 34.0 26.9 40.3

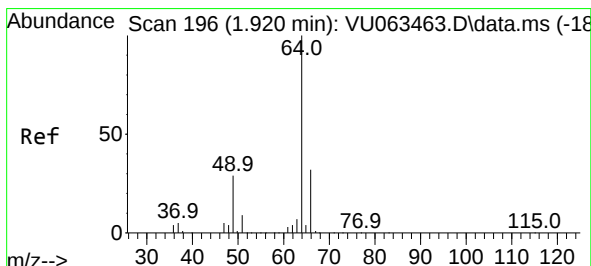
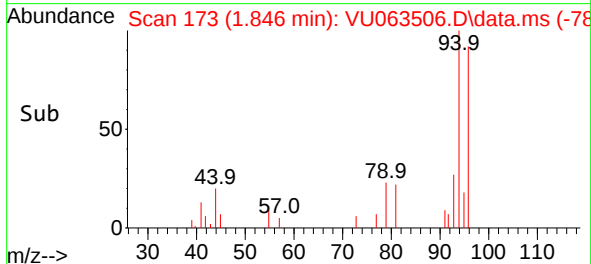
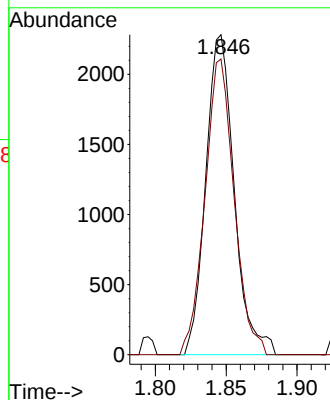
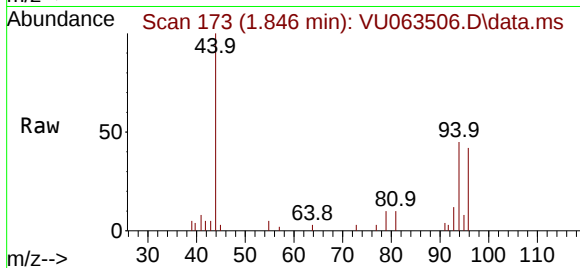




#5
Bromomethane
Concen: 4.378 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

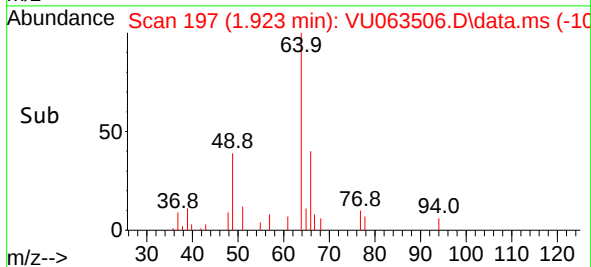
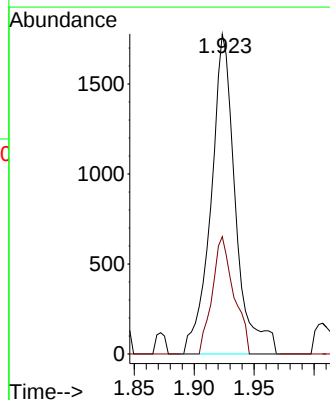
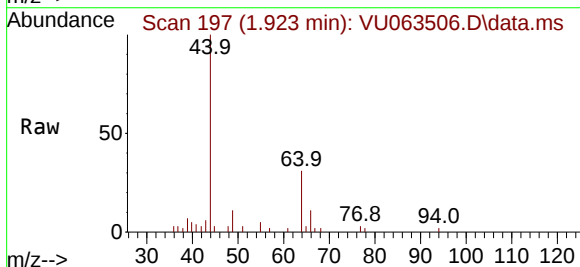
Instrument :
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Tgt Ion: 94 Resp: 3199
Ion Ratio Lower Upper
94 100
96 92.4 75.5 113.3



#6
Chloroethane
Concen: 3.335 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 64 Resp: 2520
Ion Ratio Lower Upper
64 100
66 36.7 25.3 37.9

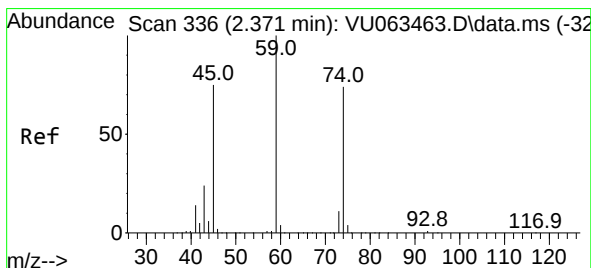
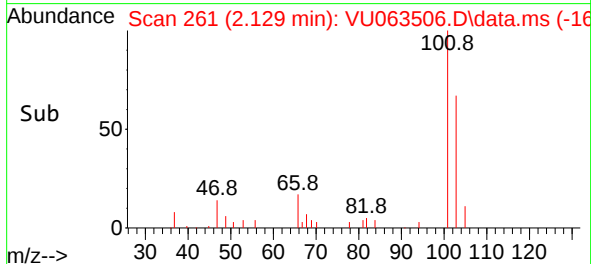
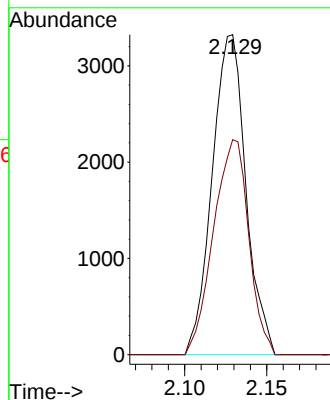
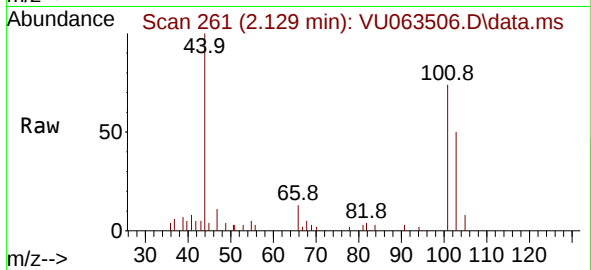




#7
 Trichlorofluoromethane
 Concen: 2.823 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063506.D
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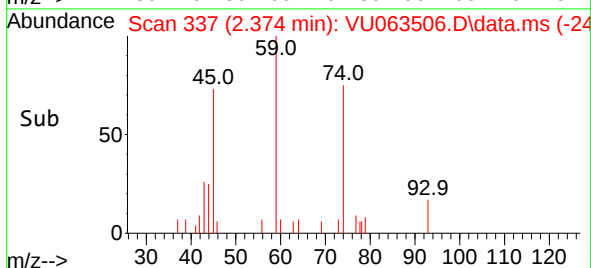
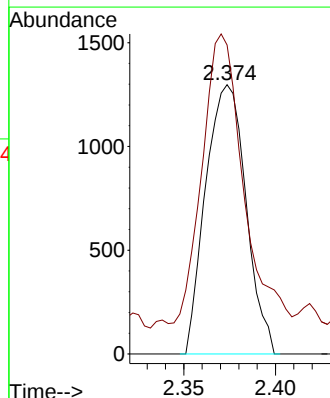
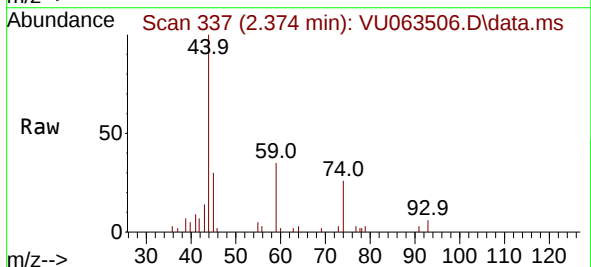
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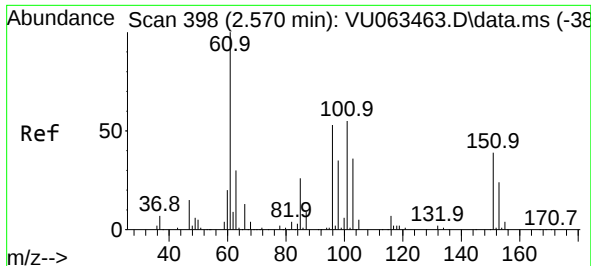
Tgt Ion:101 Resp: 4749
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.1 76.7



#8
 Diethyl Ether
 Concen: 2.826 ug/l
 RT: 2.374 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

Tgt Ion: 74 Resp: 1981
 Ion Ratio Lower Upper
 74 100
 45 110.4 49.7 149.1

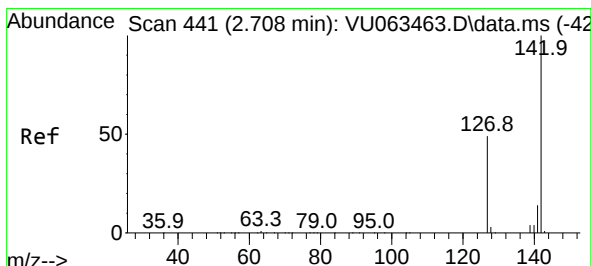
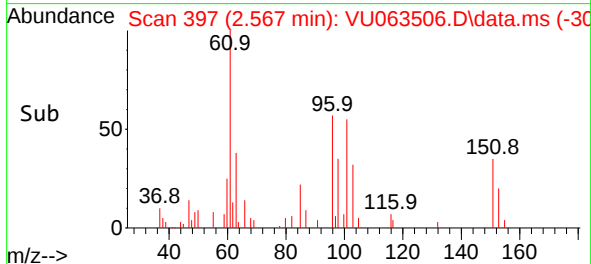
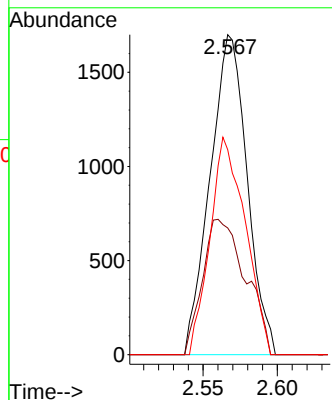
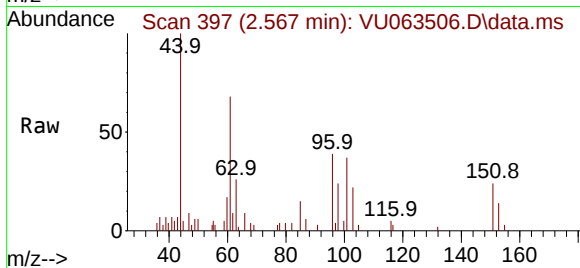




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.965 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

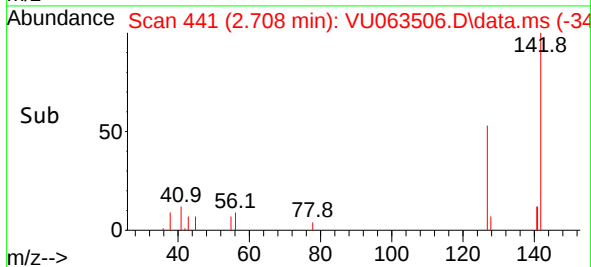
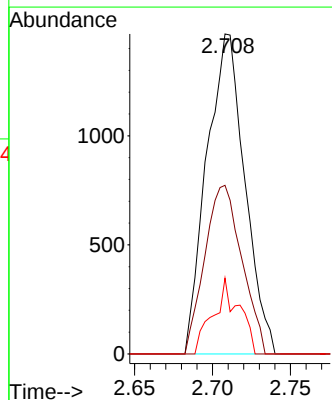
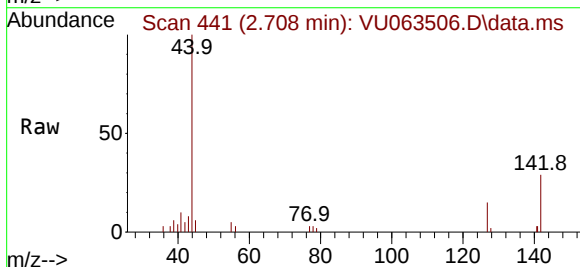
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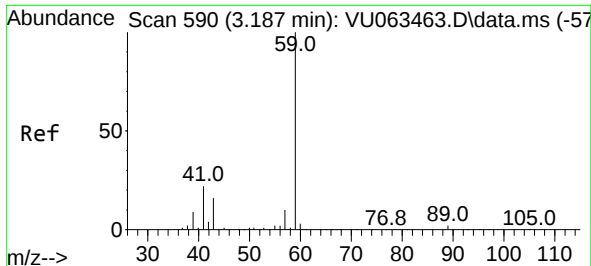
Tgt Ion:	101	Resp:	2950
Ion	Ratio	Lower	Upper
101	100		
85	49.2	39.6	59.4
151	64.9	57.2	85.8



#10
Methyl Iodide
Concen: 2.395 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:	142	Resp:	2489
Ion	Ratio	Lower	Upper
142	100		
127	51.4	38.2	57.4
141	16.2	11.1	16.7

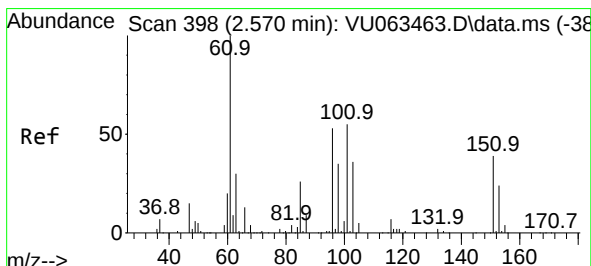
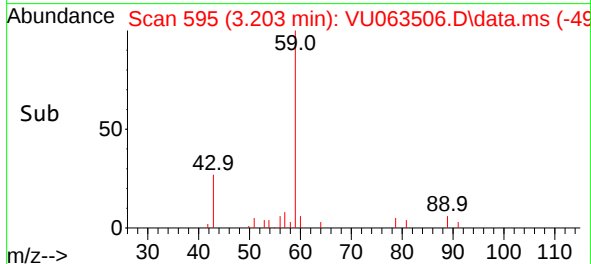
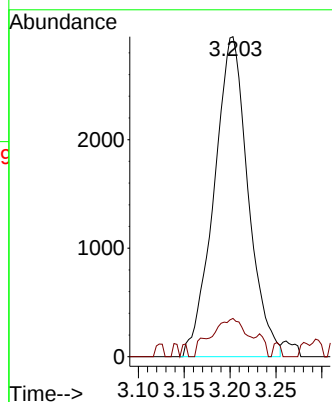
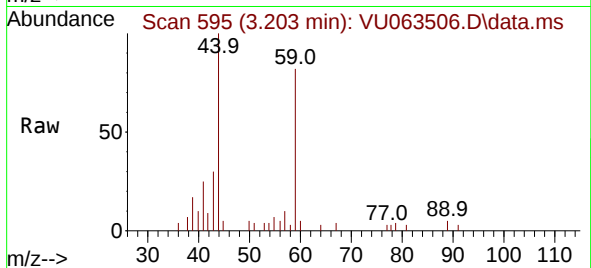




#11
Tert butyl alcohol
Concen: 18.379 ug/l
RT: 3.203 min Scan# 59
Delta R.T. 0.016 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

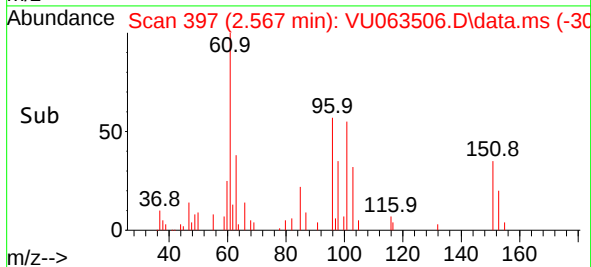
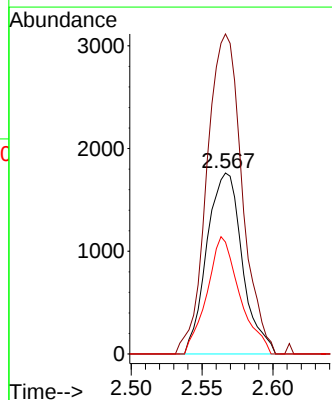
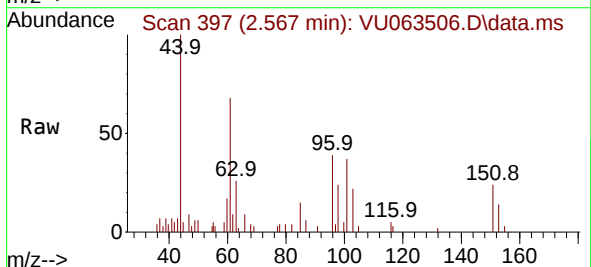
Instrument :
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ClientSampleId :
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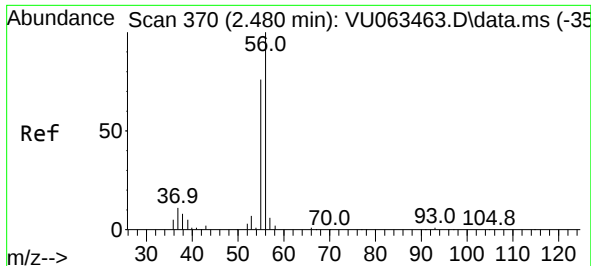
Tgt Ion: 59 Resp: 7633
Ion Ratio Lower Upper
59 100
57 12.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 3.305 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 96 Resp: 3061
Ion Ratio Lower Upper
96 100
61 176.8 149.6 224.4
98 61.8 52.0 78.0

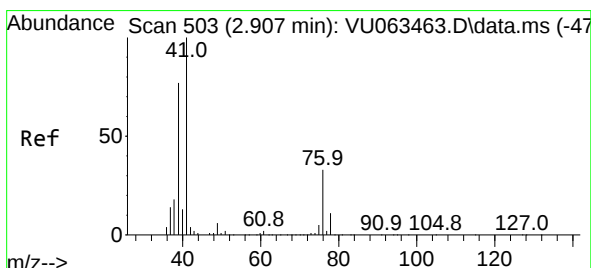
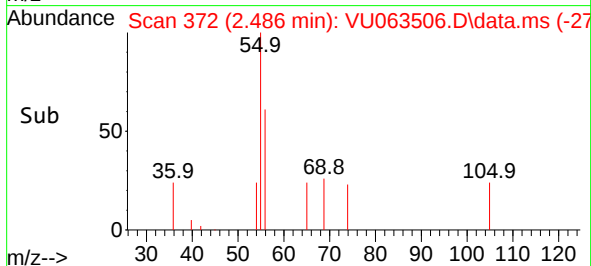
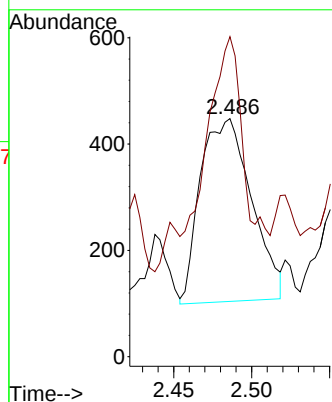
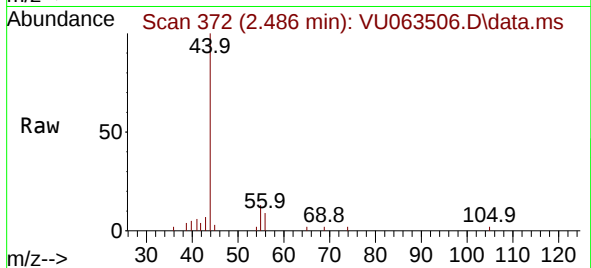




#13
Acrolein
Concen: 13.408 ug/l
RT: 2.486 min Scan# 370
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

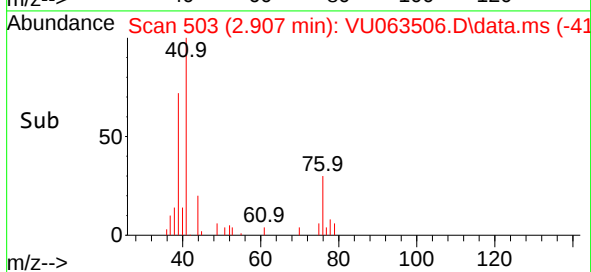
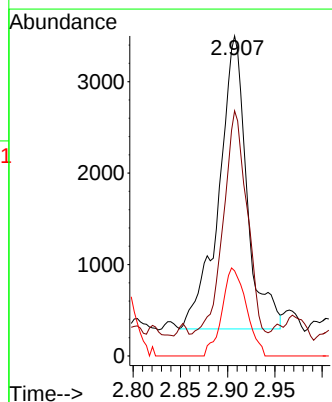
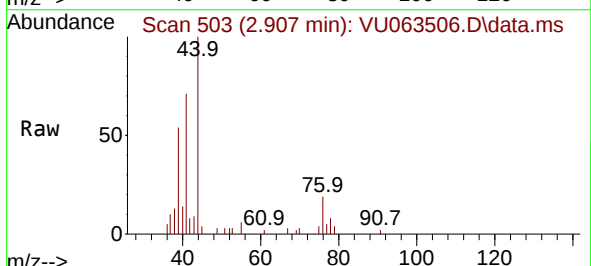
Instrument :
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ClientSampleId :
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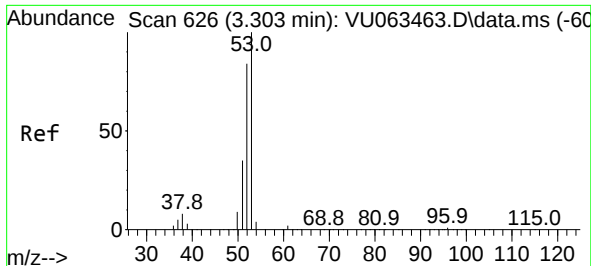
Tgt Ion: 56 Resp: 786
Ion Ratio Lower Upper
56 100
55 81.7 60.2 90.2



#14
Allyl chloride
Concen: 3.015 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 41 Resp: 6647
Ion Ratio Lower Upper
41 100
39 63.5 53.9 80.9
76 25.8 23.1 34.7

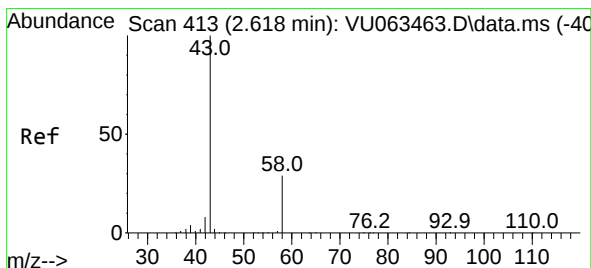
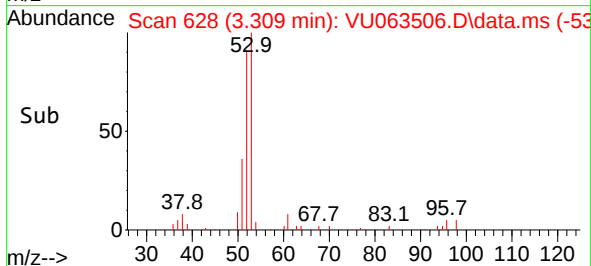
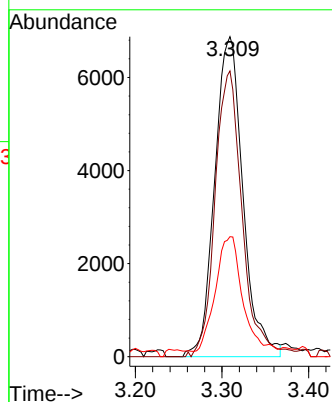
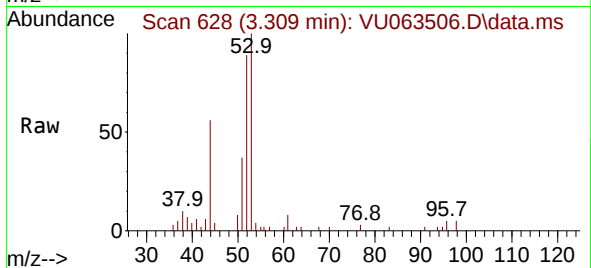




#15
Acrylonitrile
Concen: 17.527 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

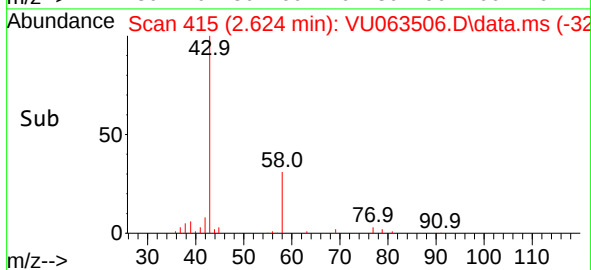
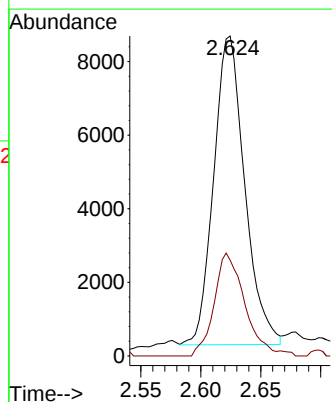
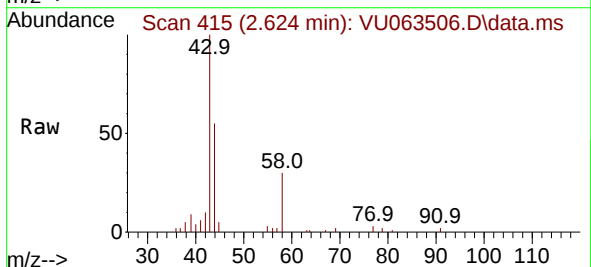
Instrument :
MSVOA_U
ClientSampleId :
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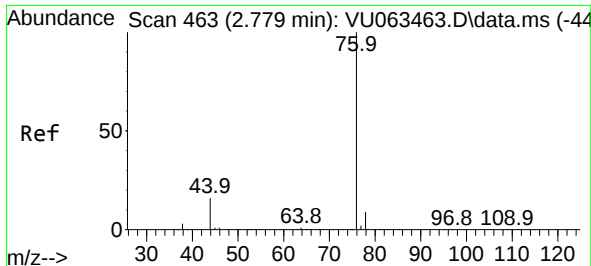
Tgt Ion: 53 Resp: 15592
Ion Ratio Lower Upper
53 100
52 85.6 65.0 97.4
51 35.3 28.8 43.2



#16
Acetone
Concen: 14.511 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 43 Resp: 15078
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7

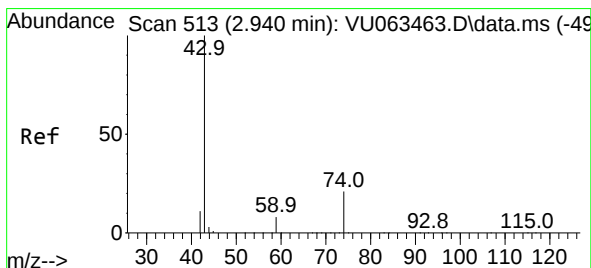
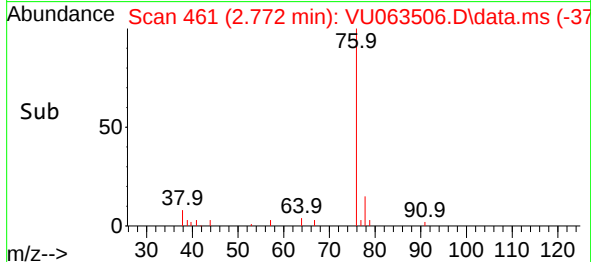
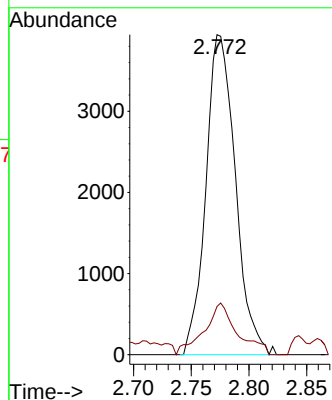
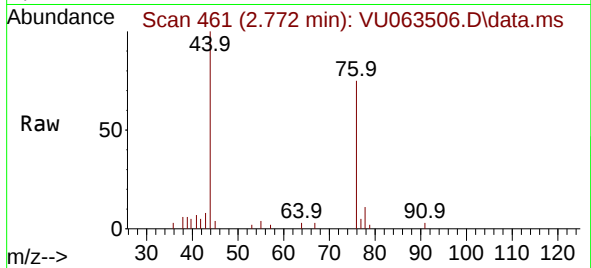




#17
Carbon Disulfide
Concen: 3.167 ug/l
RT: 2.772 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

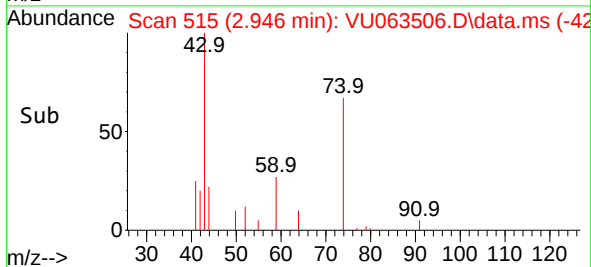
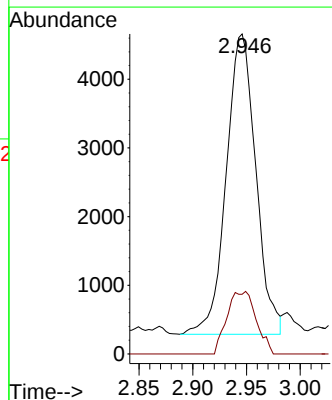
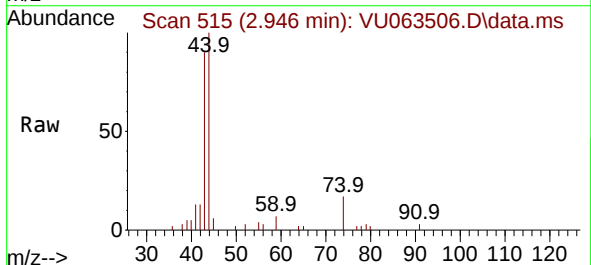
Instrument :
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ClientSampleId :
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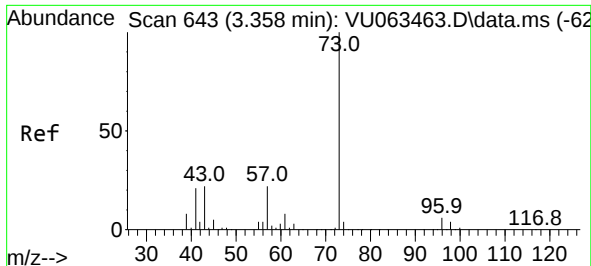
Tgt Ion: 76 Resp: 7013
Ion Ratio Lower Upper
76 100
78 15.1 7.5 11.3#



#18
Methyl Acetate
Concen: 3.135 ug/l
RT: 2.946 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 43 Resp: 8382
Ion Ratio Lower Upper
43 100
74 20.4 17.3 25.9

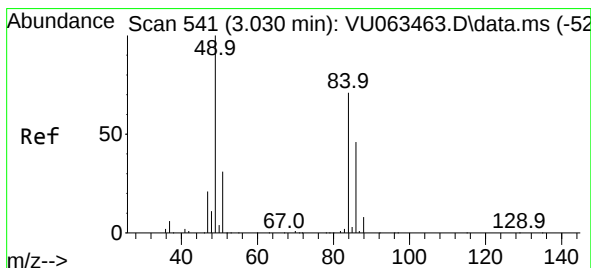
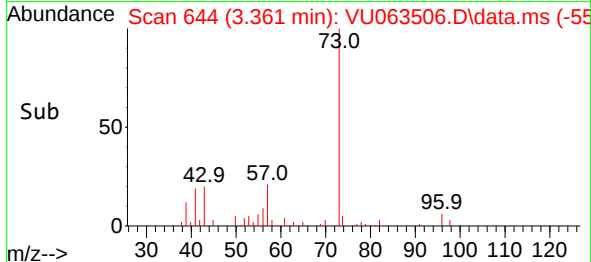
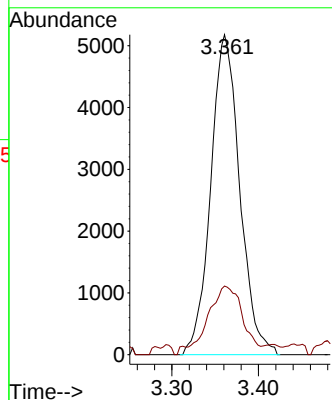
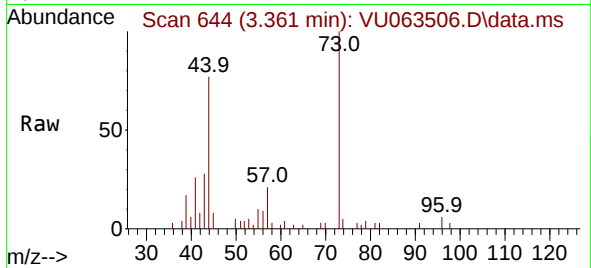




#19
Methyl tert-butyl Ether
Concen: 3.015 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

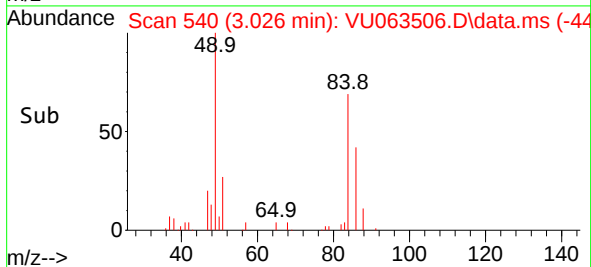
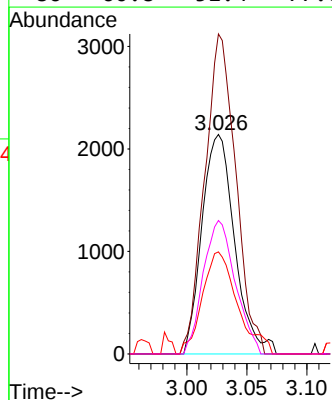
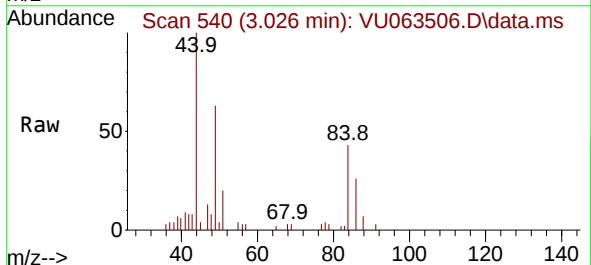
Instrument :
MSVOA_U
ClientSampleId :
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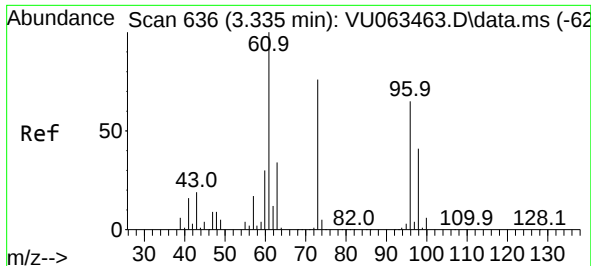
Tgt Ion: 73 Resp: 12045
Ion Ratio Lower Upper
73 100
57 19.0 17.8 26.6



#20
Methylene Chloride
Concen: 2.675 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 84 Resp: 4053
Ion Ratio Lower Upper
84 100
49 145.8 112.1 168.1
51 46.5 34.4 51.6
86 60.8 51.4 77.0

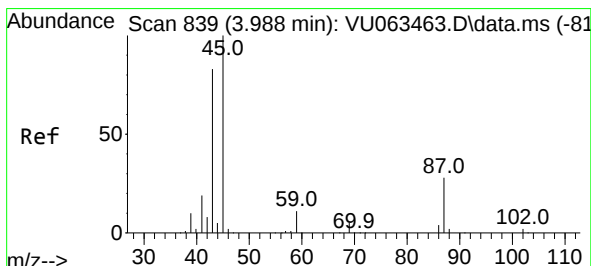
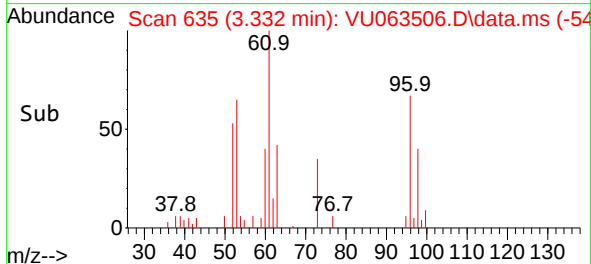
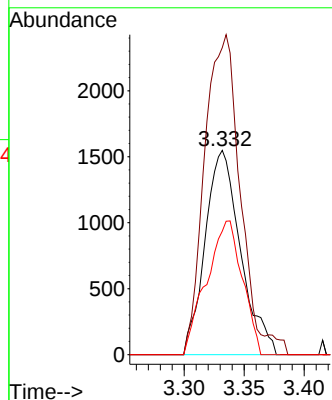
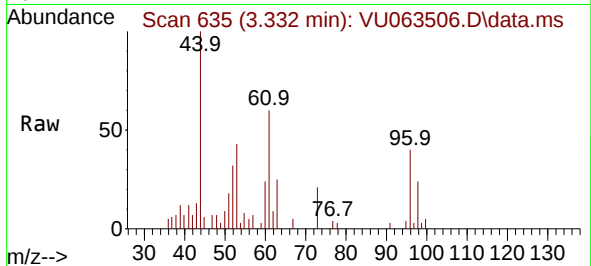




#21
trans-1,2-Dichloroethene
Concen: 3.190 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

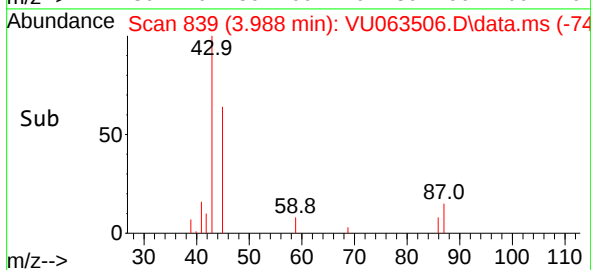
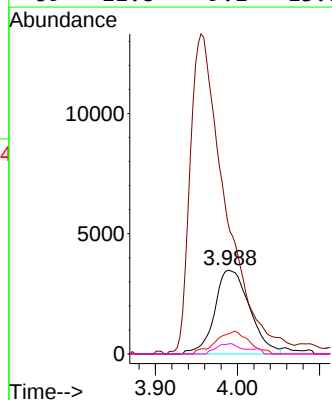
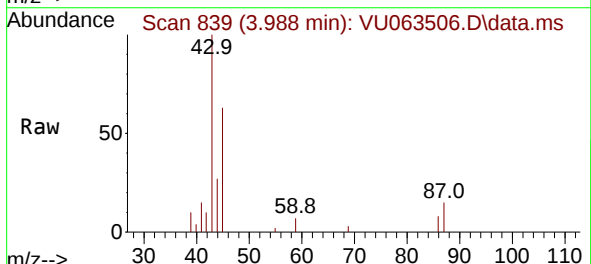
Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 96 Resp: 3174
Ion Ratio Lower Upper
96 100
61 150.3 122.2 183.4
98 60.5 49.9 74.9



#22
Diisopropyl ether
Concen: 2.753 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 45 Resp: 10335
Ion Ratio Lower Upper
45 100
43 140.2 66.5 99.7#
87 23.8 22.6 33.8
59 11.8 9.1 13.7

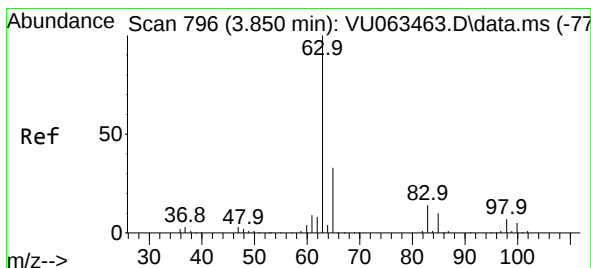
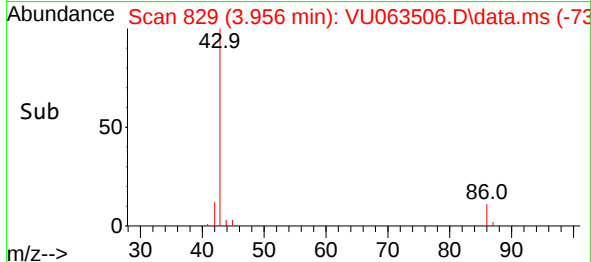
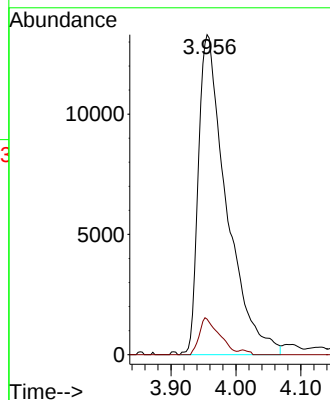
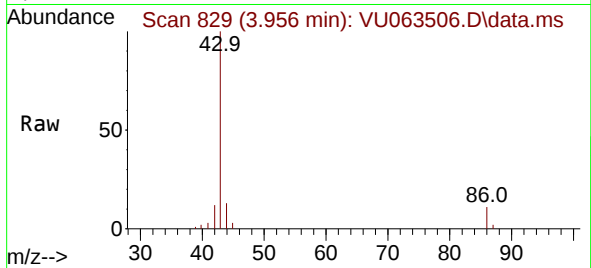




#23
 Vinyl Acetate
 Concen: 13.721 ug/l
 RT: 3.956 min Scan# 81
 Delta R.T. 0.009 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

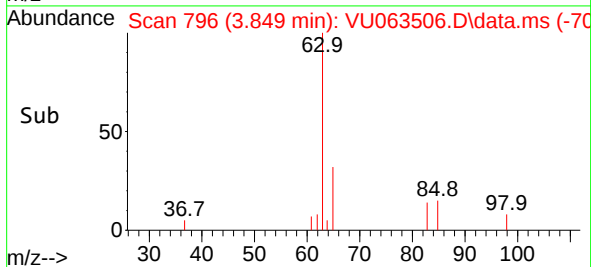
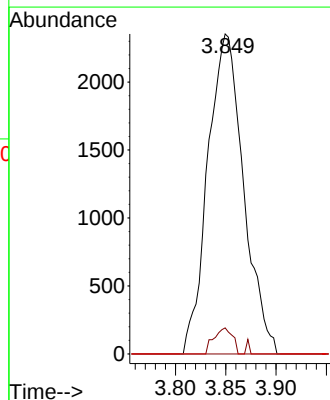
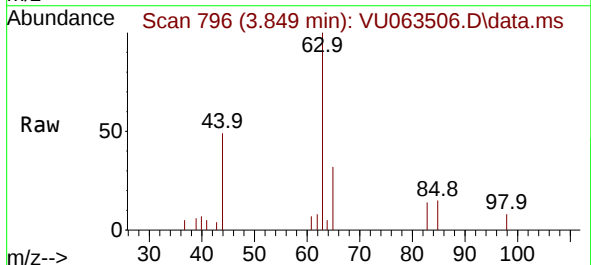
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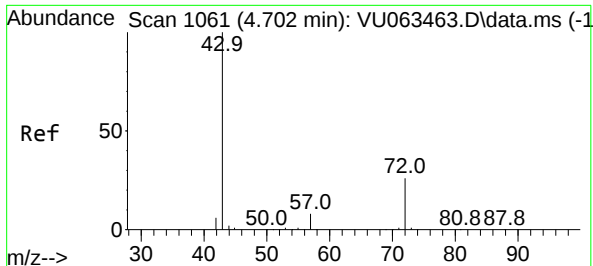
Tgt Ion: 43 Resp: 39969
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.730 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

Tgt Ion: 63 Resp: 5817
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 0.0 2.3 6.8#

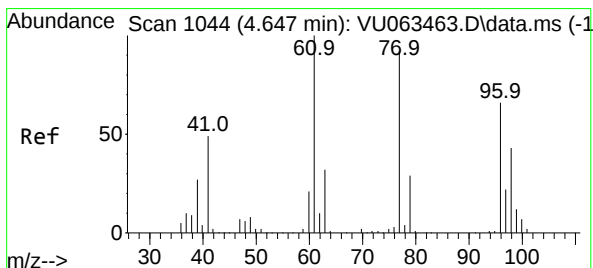
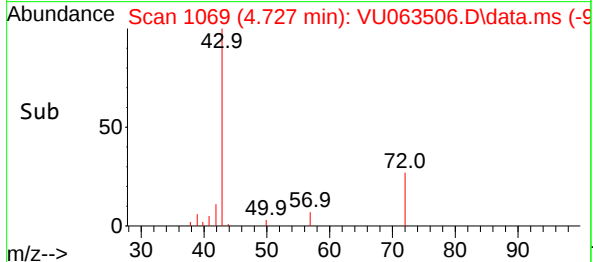
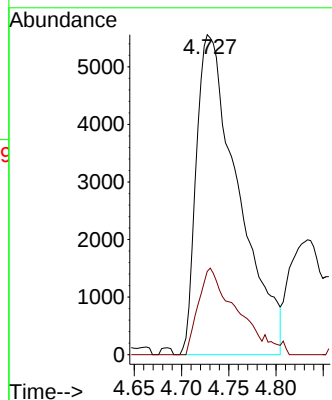
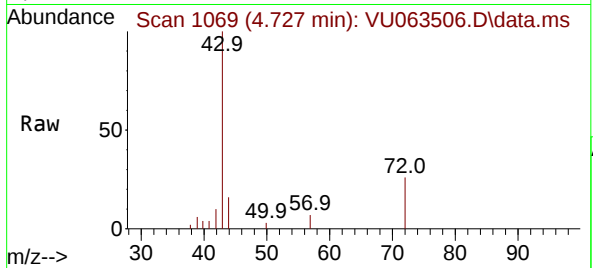




#25
2-Butanone
Concen: 14.622 ug/l
RT: 4.727 min Scan# 1069
Delta R.T. 0.026 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

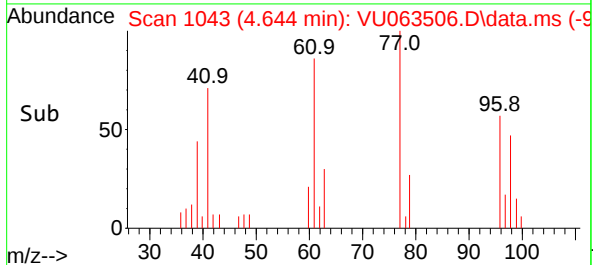
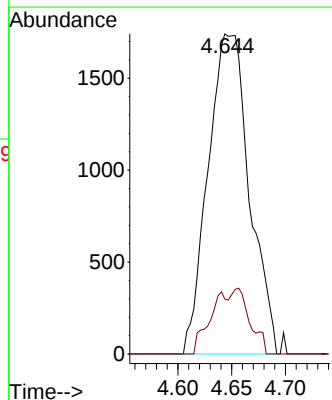
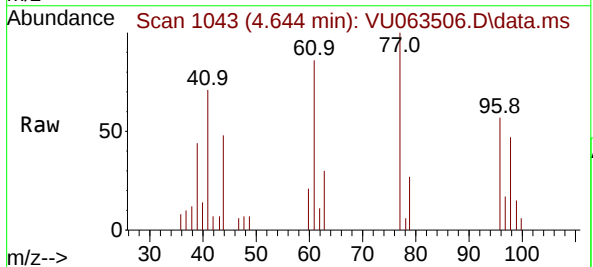
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MSVOA_U
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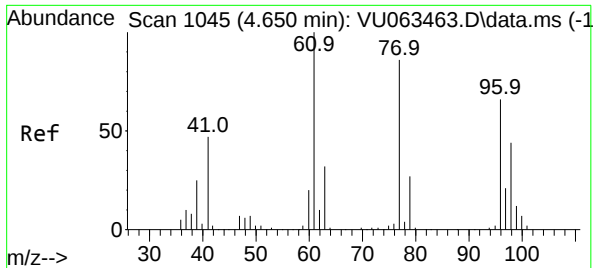
Tgt Ion: 43 Resp: 17056
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1



#26
2,2-Dichloropropane
Concen: 2.514 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 77 Resp: 4661
Ion Ratio Lower Upper
77 100
97 9.2 11.8 35.3#

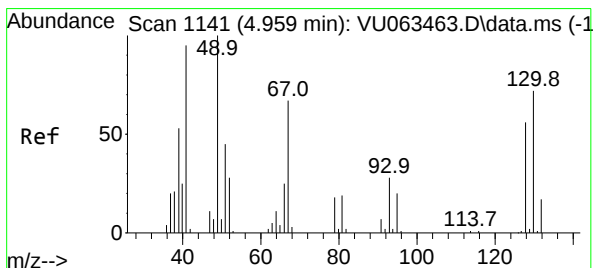
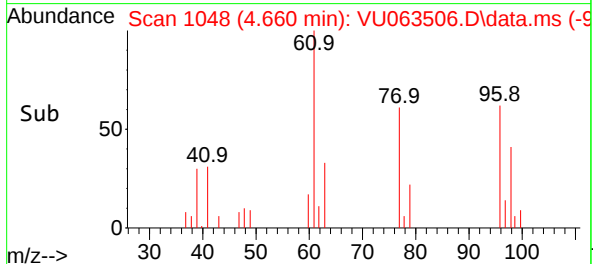
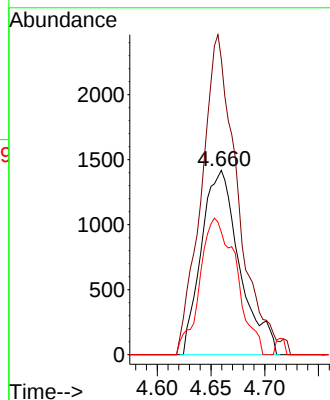
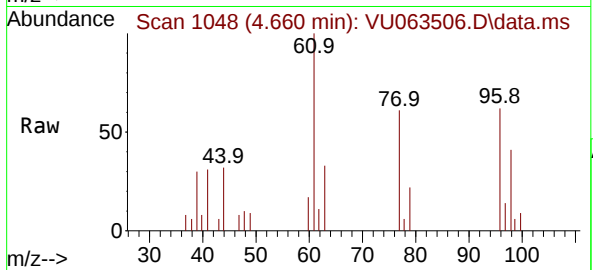




#27
cis-1,2-Dichloroethene
Concen: 2.661 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.009 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

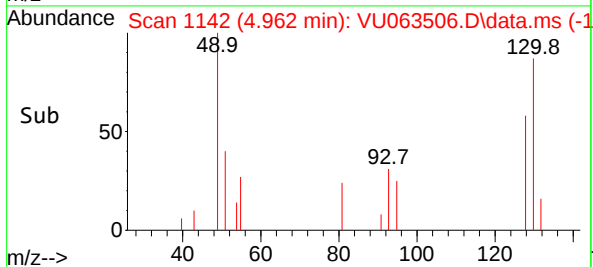
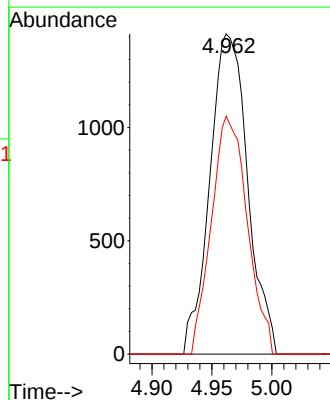
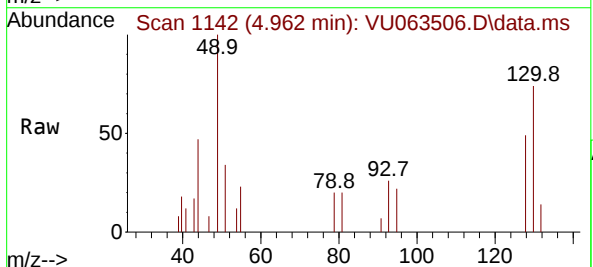
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ClientSampleId :
MDL07

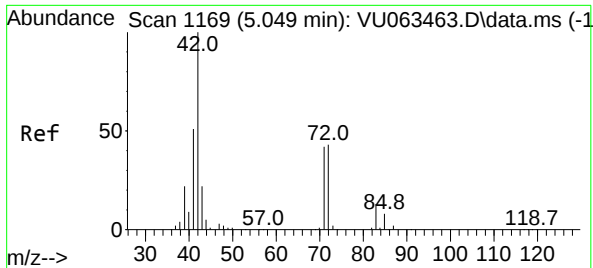
Tgt Ion: 96 Resp: 3495
Ion Ratio Lower Upper
96 100
61 165.2 0.0 307.2
98 71.4 0.0 133.0



#28
Bromochloromethane
Concen: 3.102 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 49 Resp: 3105
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 70.2 59.0 88.4

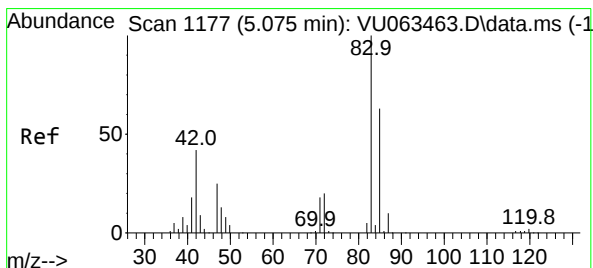
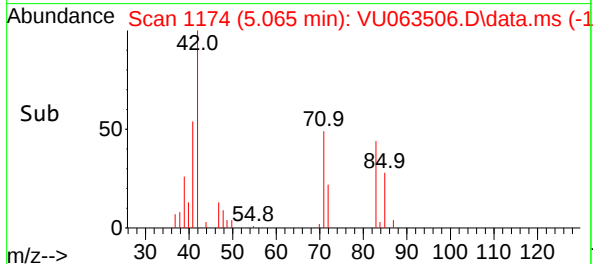
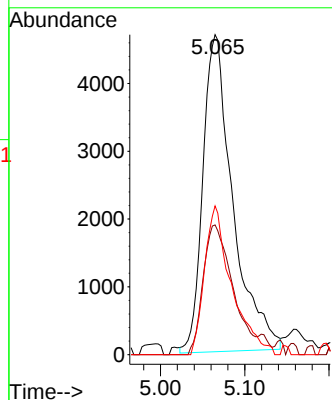
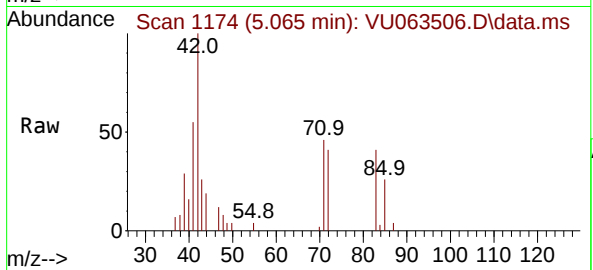




#29
Tetrahydrofuran
Concen: 15.736 ug/l
RT: 5.065 min Scan# 1174
Delta R.T. 0.016 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

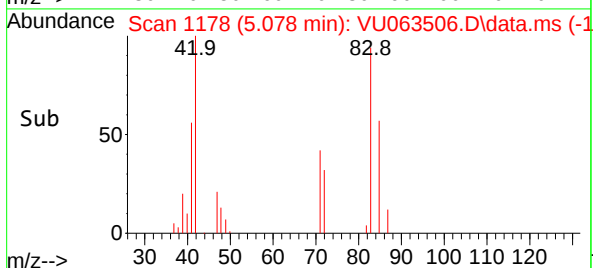
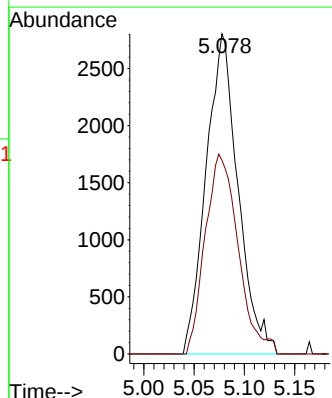
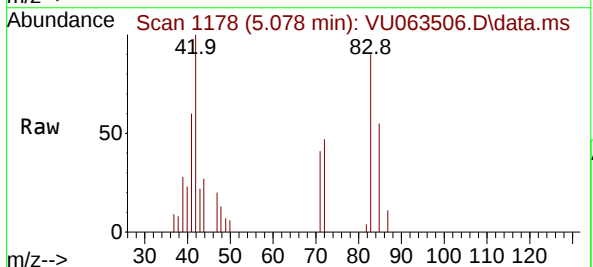
Instrument :
MSVOA_U
ClientSampleId :
MDL07

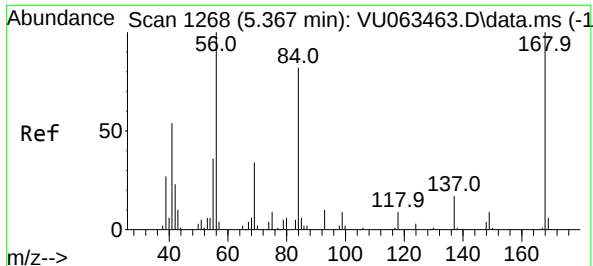
Tgt Ion:	42	Resp:	11579
Ion	Ratio	Lower	Upper
42	100		
72	40.2	36.2	54.4
71	42.3	33.3	49.9



#30
Chloroform
Concen: 2.759 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:	83	Resp:	6206
Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.7	76.1

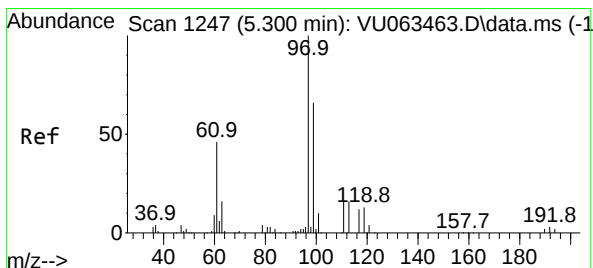
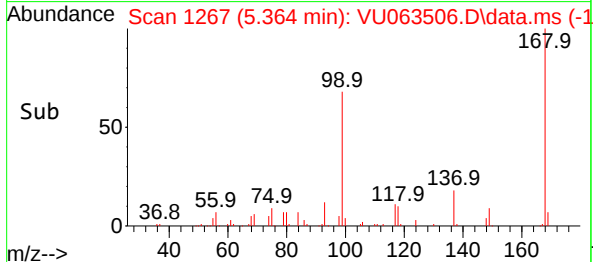
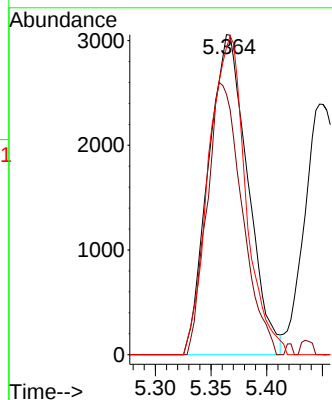
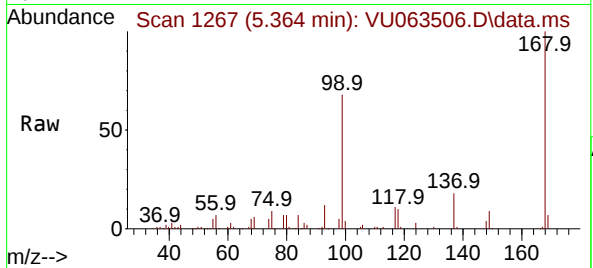




#31
Cyclohexane
Concen: 4.375 ug/l
RT: 5.364 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

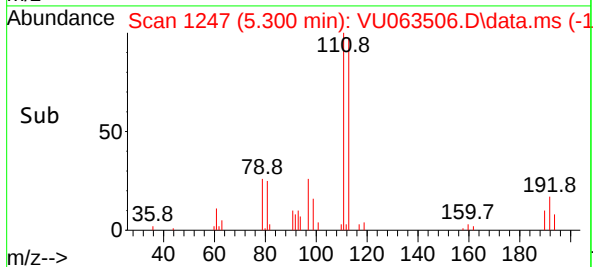
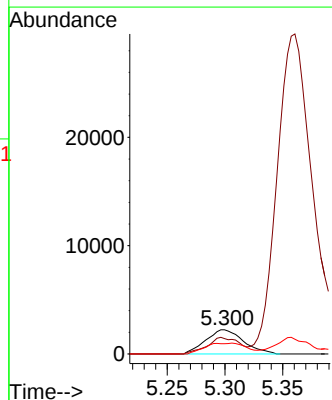
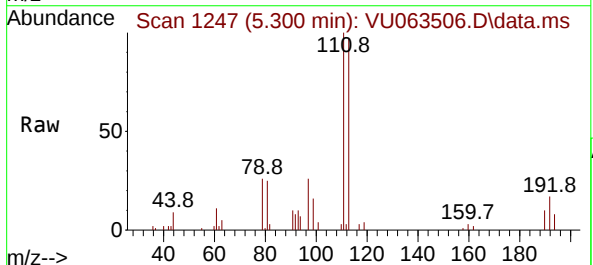
Instrument :
MSVOA_U
ClientSampleId :
MDL07

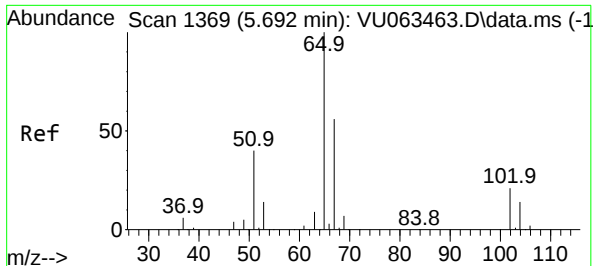
Tgt Ion: 56 Resp: 7493
Ion Ratio Lower Upper
56 100
69 81.5 27.0 40.4#
84 95.9 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.643 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 97 Resp: 5062
Ion Ratio Lower Upper
97 100
99 57.6 50.4 75.6
61 21.3 36.3 54.5#





#33

1,2-Dichloroethane-d4

Concen: 53.515 ug/l

RT: 5.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

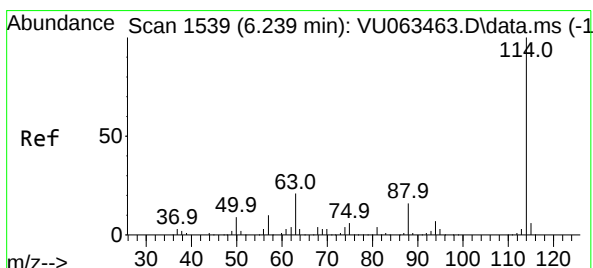
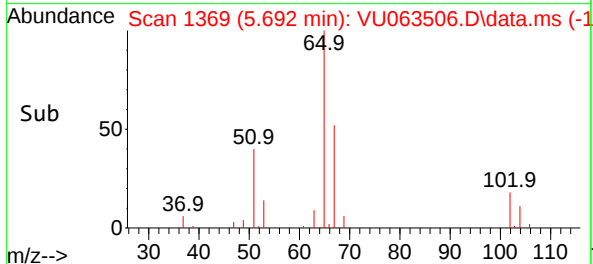
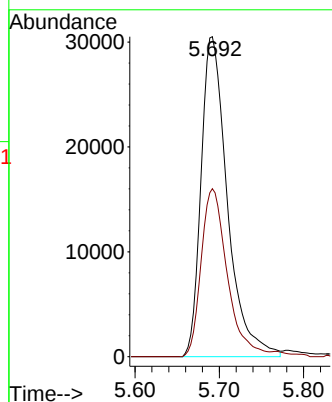
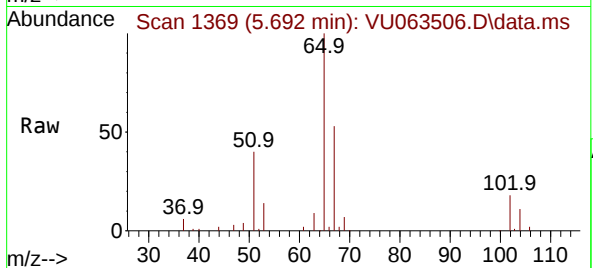
MDL07

Tgt Ion: 65 Resp: 66288

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

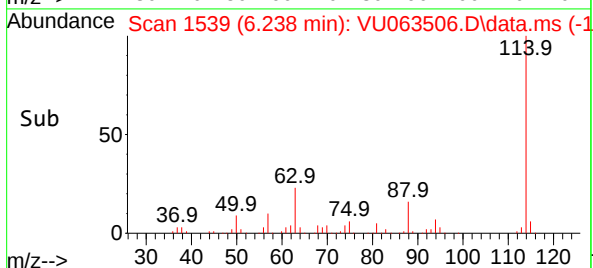
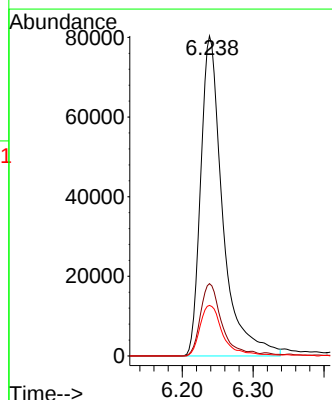
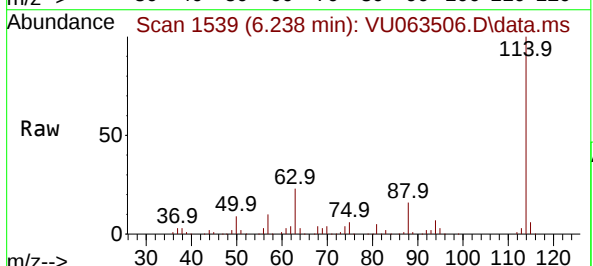
Tgt Ion: 114 Resp: 173348

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.6

88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.488 ug/l

RT: 5.277 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

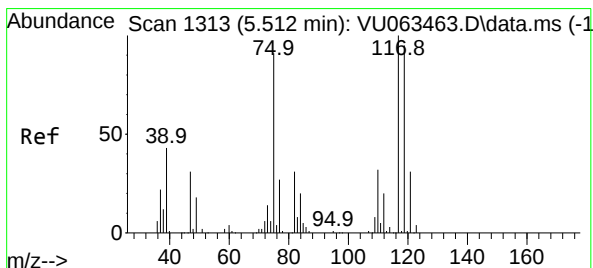
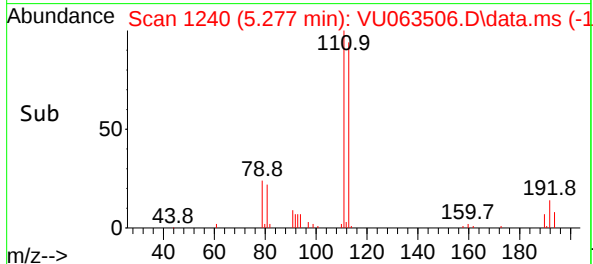
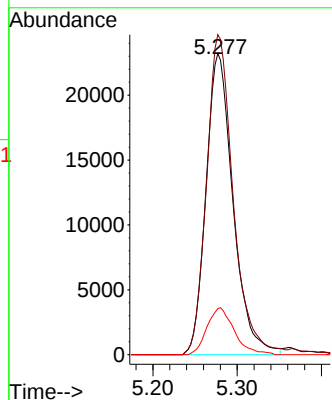
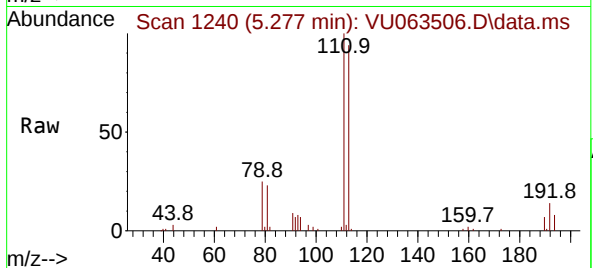
Tgt Ion:113 Resp: 51711

Ion Ratio Lower Upper

113 100

111 104.8 82.1 123.1

192 15.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 2.762 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

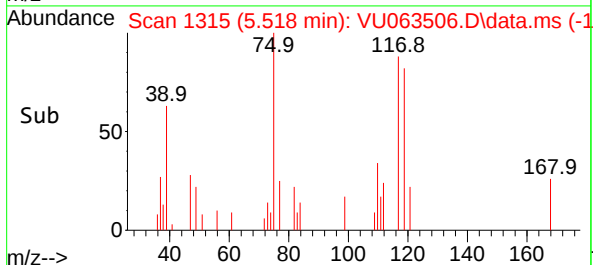
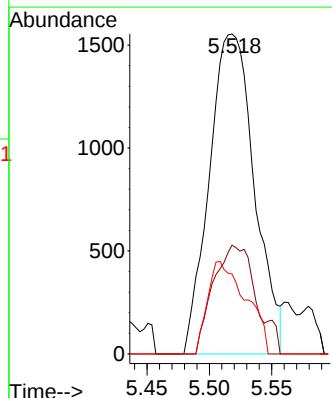
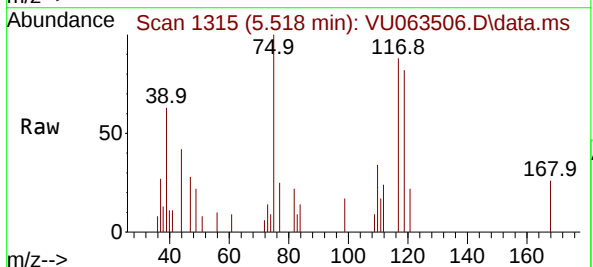
Tgt Ion: 75 Resp: 3921

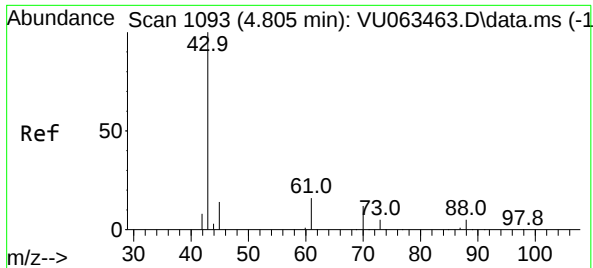
Ion Ratio Lower Upper

75 100

110 32.1 17.3 52.0

77 24.5 23.9 35.9

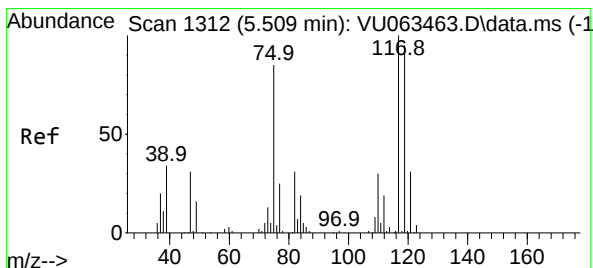
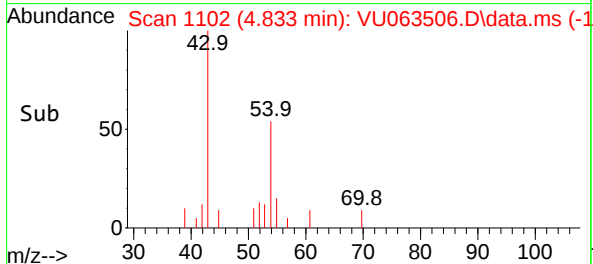
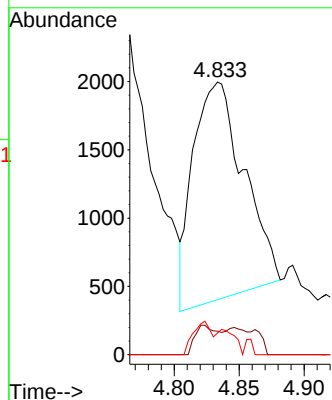
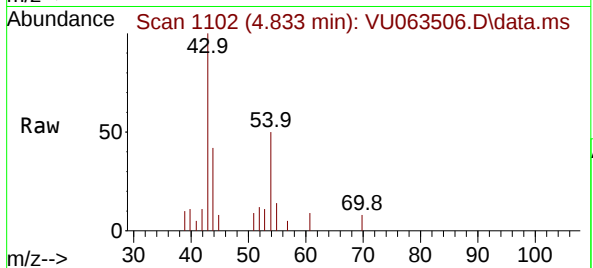




#37
Ethyl Acetate
Concen: 1.884 ug/l
RT: 4.833 min Scan# 1102
Delta R.T. 0.029 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

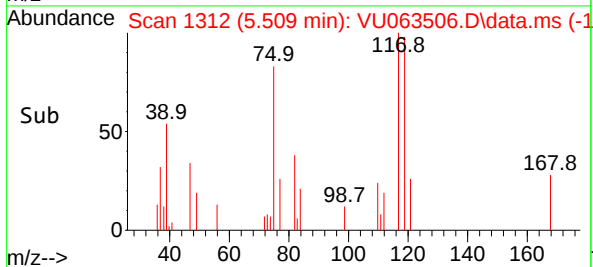
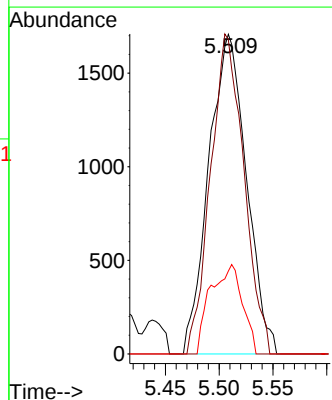
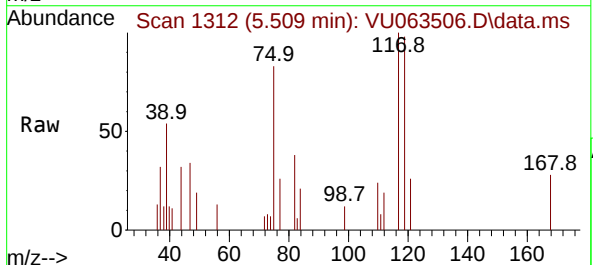
Instrument :
MSVOA_U
ClientSampleId :
MDL07

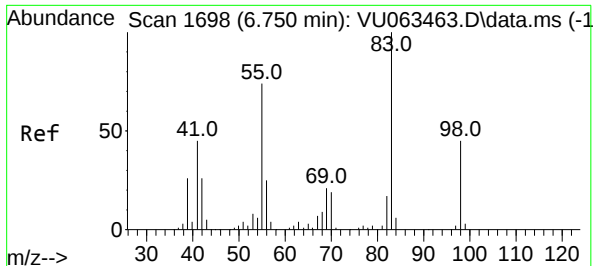
Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
61 6.2 10.4 15.6#
70 5.5 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 2.656 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 117 Resp: 4155
Ion Ratio Lower Upper
117 100
119 98.3 76.1 114.1
121 26.0 25.0 37.4





#39

Methylcyclohexane

Concen: 3.249 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

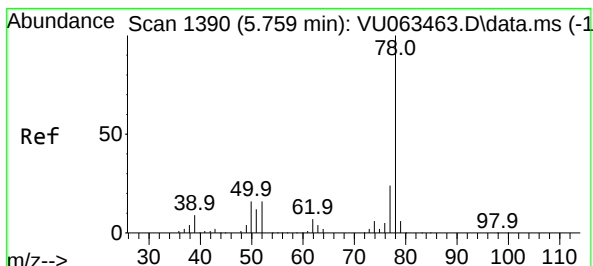
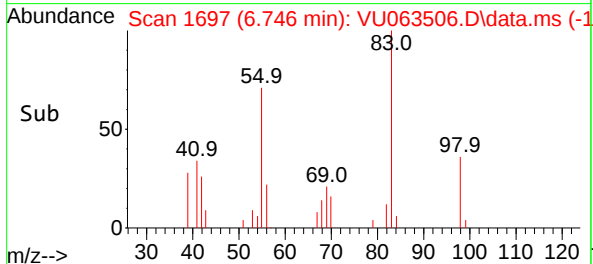
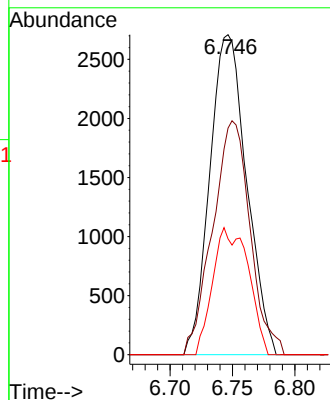
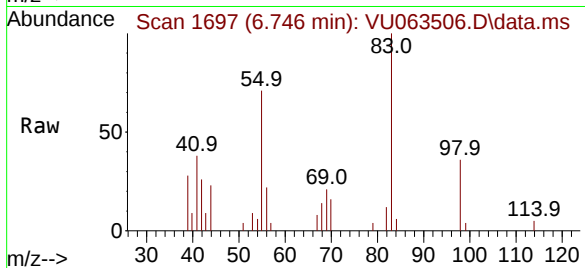
Tgt Ion: 83 Resp: 5574

Ion Ratio Lower Upper

83 100

55 70.8 59.4 89.2

98 36.2 36.2 54.4#



#40

Benzene

Concen: 2.735 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063506.D

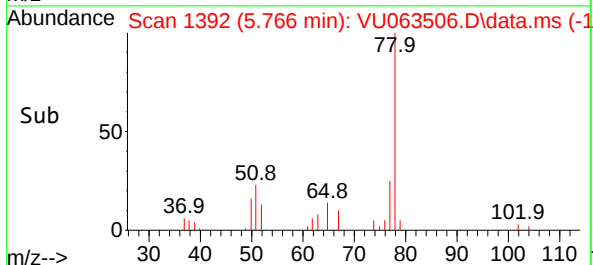
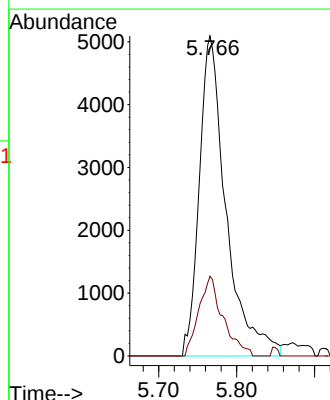
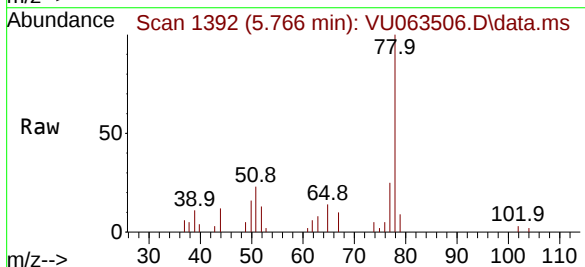
Acq: 14 Jul 2025 13:51

Tgt Ion: 78 Resp: 12128

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.4

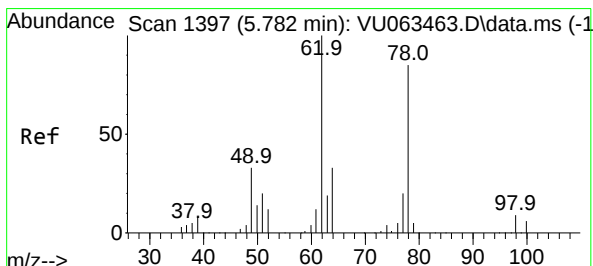
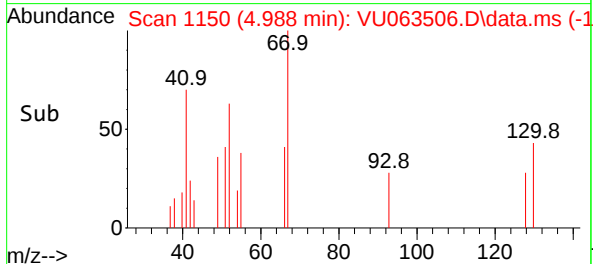
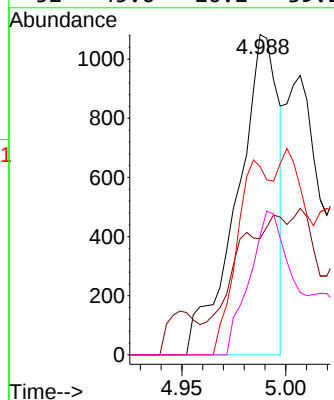
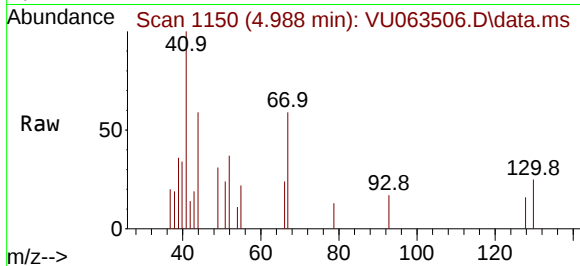




#41
Methacrylonitrile
Concen: 1.386 ug/l
RT: 4.988 min Scan# 1150
Delta R.T. 0.022 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

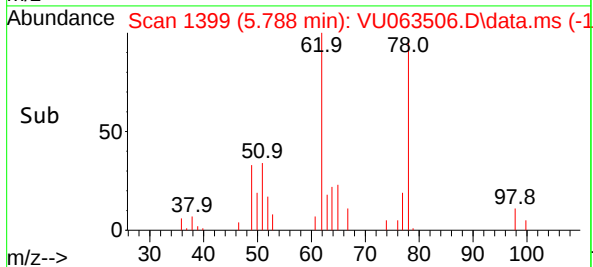
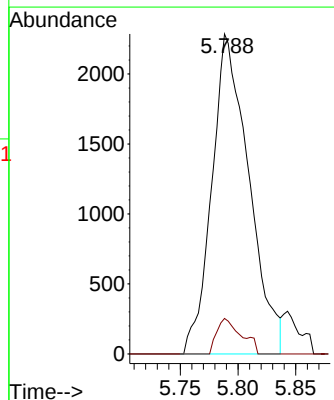
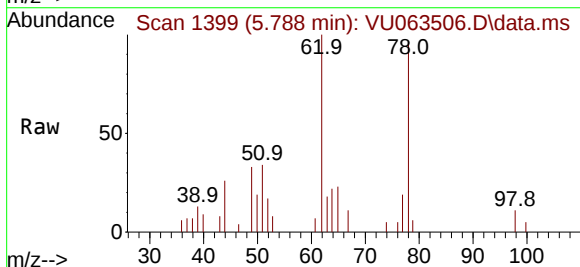
Instrument :
MSVOA_U
ClientSampleId :
MDL07

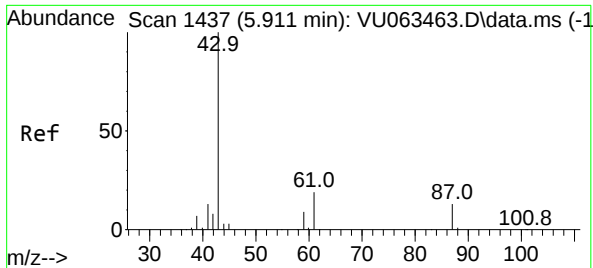
Tgt Ion:	41	Resp:	1504
Ion	Ratio	Lower	Upper
41	100		
39	20.4	43.6	65.4#
67	52.5	62.8	94.2#
52	45.6	26.2	39.2#



#42
1,2-Dichloroethane
Concen: 3.057 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:	62	Resp:	5097
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	17.6

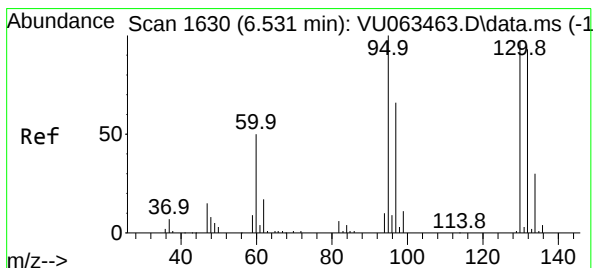
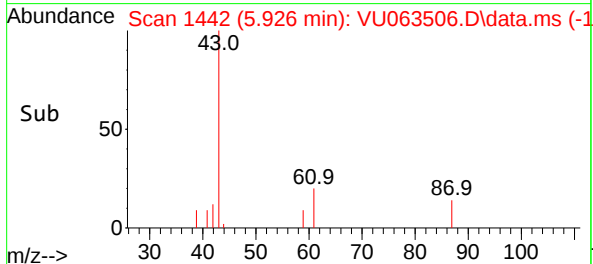
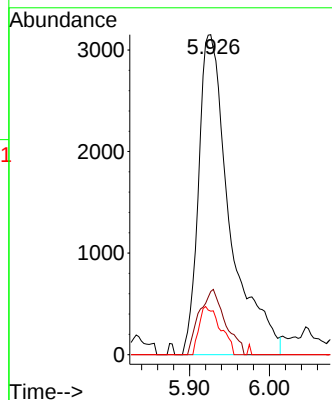
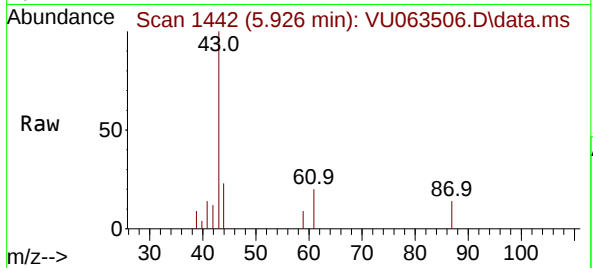




#43
Isopropyl Acetate
Concen: 2.802 ug/l
RT: 5.926 min Scan# 1437
Delta R.T. 0.016 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

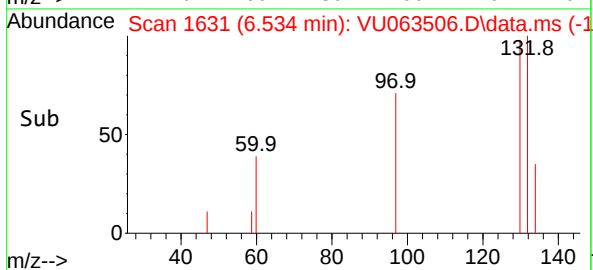
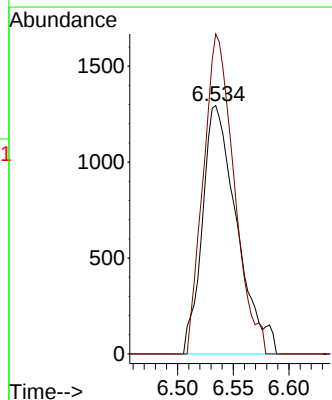
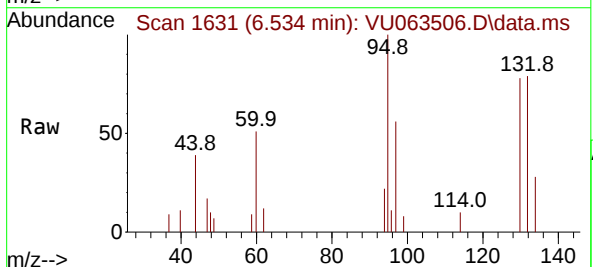
Instrument : MSVOA_U
ClientSampleId : MDL07

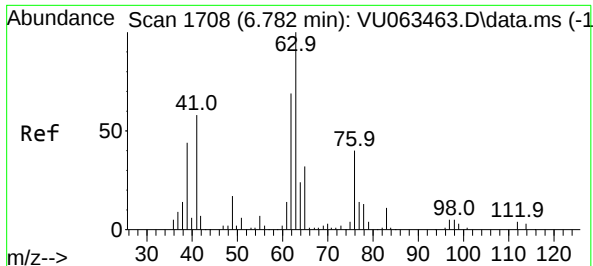
Tgt Ion: 43 Resp: 8558
Ion Ratio Lower Upper
43 100
61 16.9 15.4 23.2
87 10.2 10.5 15.7#



#44
Trichloroethene
Concen: 2.350 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:130 Resp: 2789
Ion Ratio Lower Upper
130 100
95 128.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.628 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

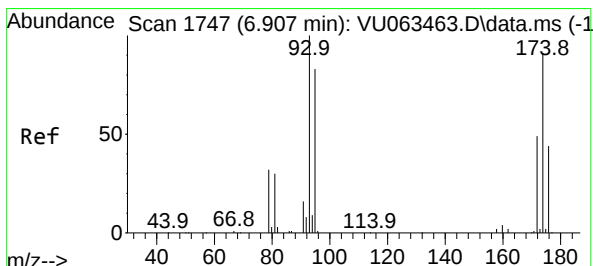
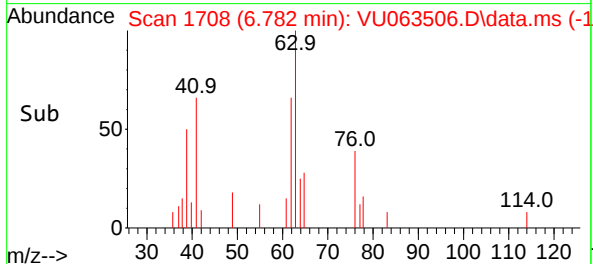
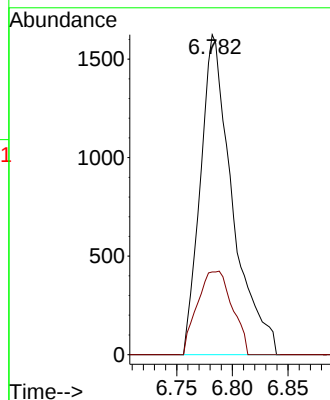
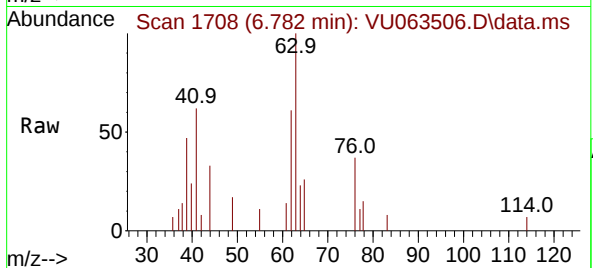
MDL07

Tgt Ion: 63 Resp: 3240

Ion Ratio Lower Upper

63 100

65 25.9 25.3 37.9



#46

Dibromomethane

Concen: 2.849 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

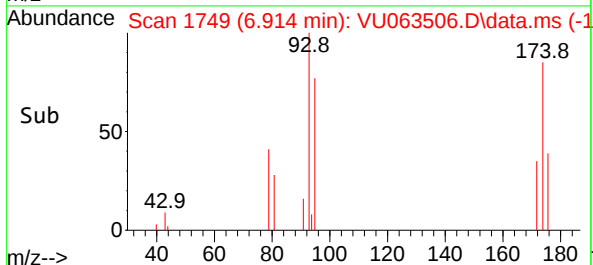
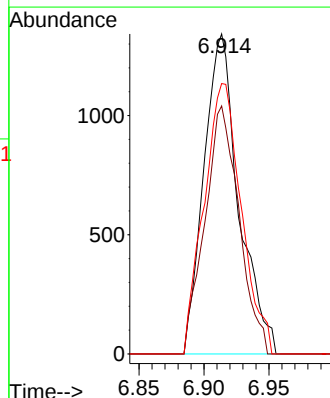
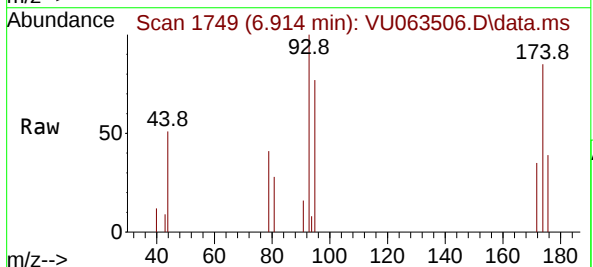
Tgt Ion: 93 Resp: 2499

Ion Ratio Lower Upper

93 100

95 76.3 67.5 101.3

174 90.8 73.1 109.7

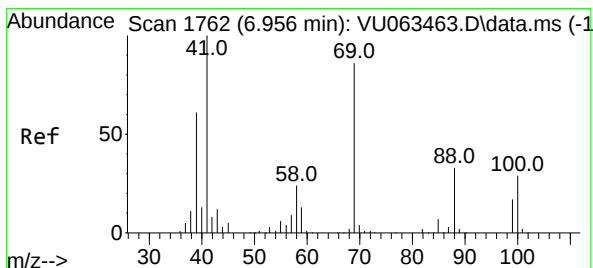
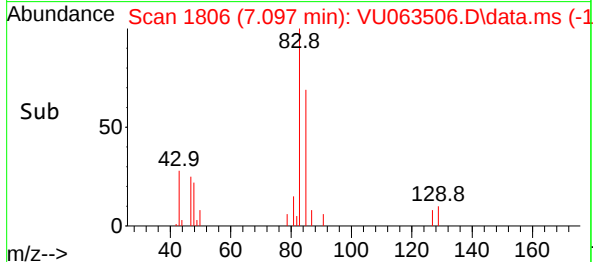
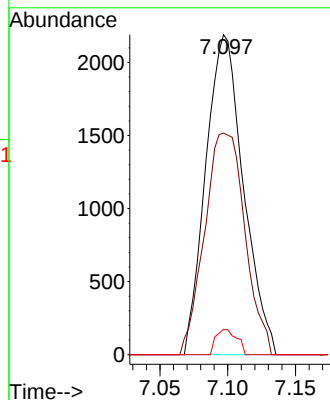
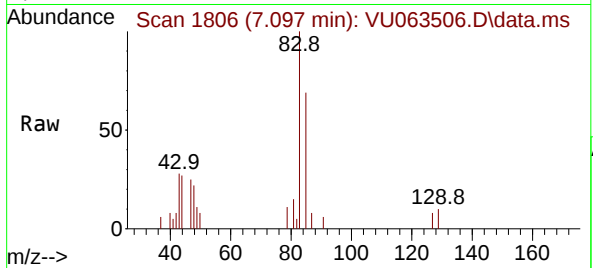




#47
Bromodichloromethane
Concen: 2.322 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

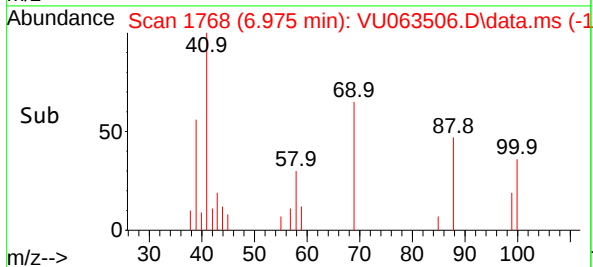
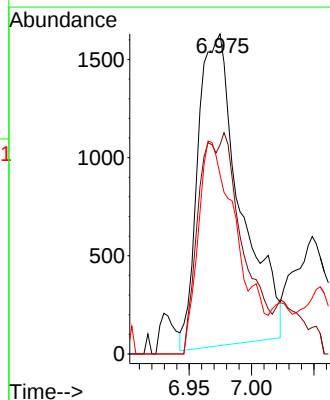
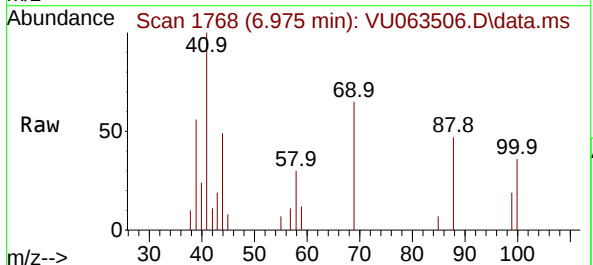
Instrument :
MSVOA_U
ClientSampleId :
MDL07

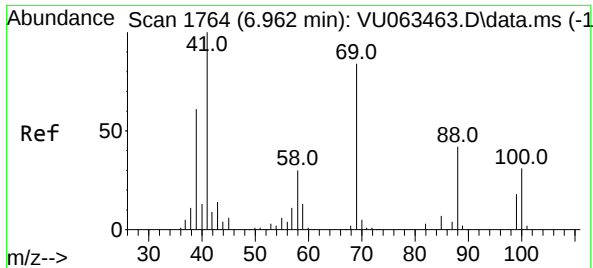
Tgt Ion: 83 Resp: 4234
Ion Ratio Lower Upper
83 100
85 69.2 51.4 77.0
127 7.9 7.0 10.4



#48
Methyl methacrylate
Concen: 2.657 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.019 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 41 Resp: 3751
Ion Ratio Lower Upper
41 100
69 31.7 69.8 104.8#
39 63.8 48.3 72.5

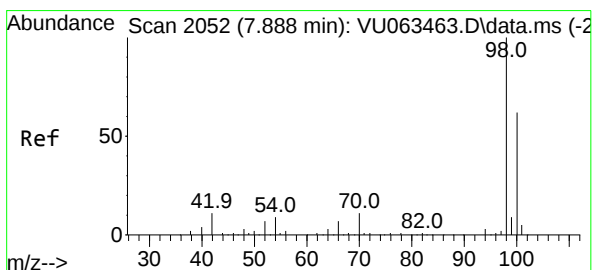
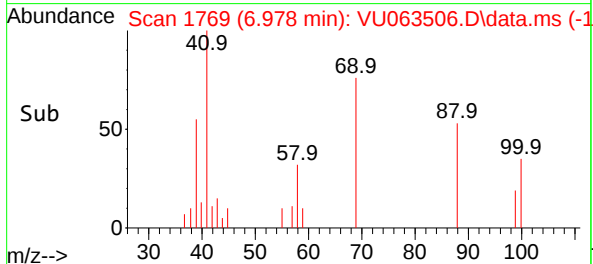
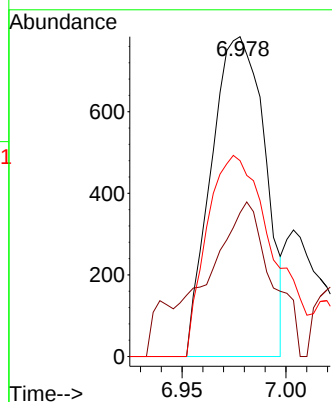
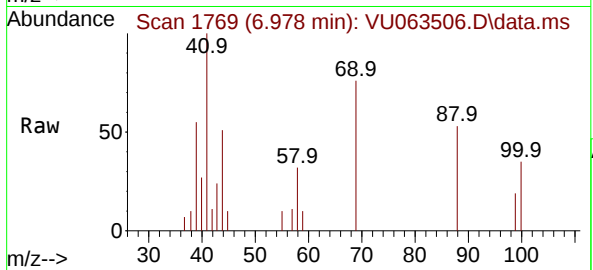




#49
1,4-Dioxane
Concen: 45.616 ug/l
RT: 6.978 min Scan# 1769
Delta R.T. 0.016 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

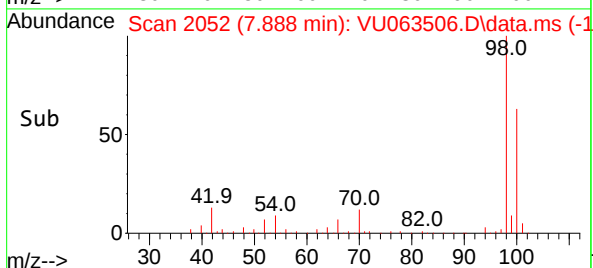
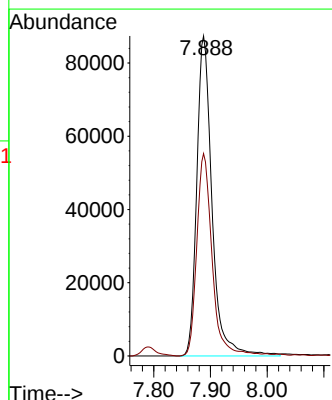
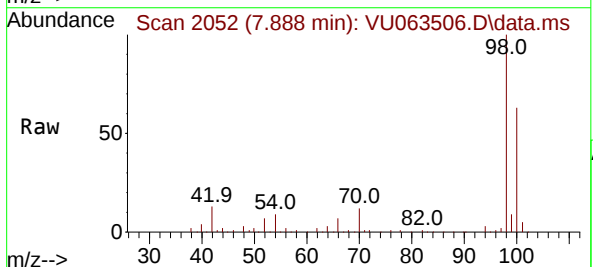
Instrument :
MSVOA_U
ClientSampleId :
MDL07

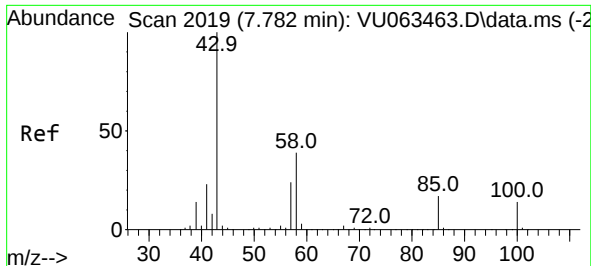
Tgt Ion: 88 Resp: 1413
Ion Ratio Lower Upper
88 100
43 55.6 25.6 38.4#
58 76.6 55.0 82.6



#50
Toluene-d8
Concen: 47.969 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 98 Resp: 163386
Ion Ratio Lower Upper
98 100
100 63.5 48.1 72.1

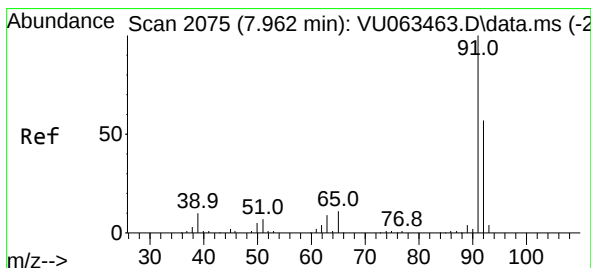
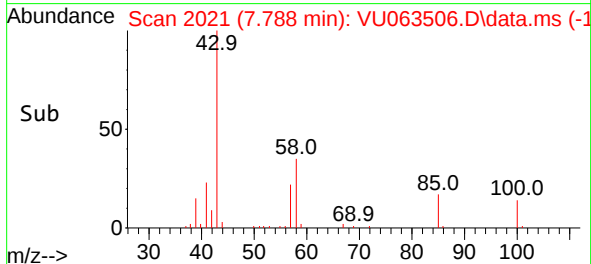
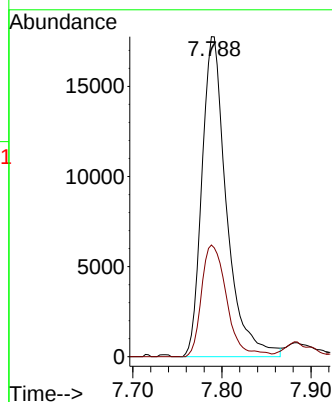
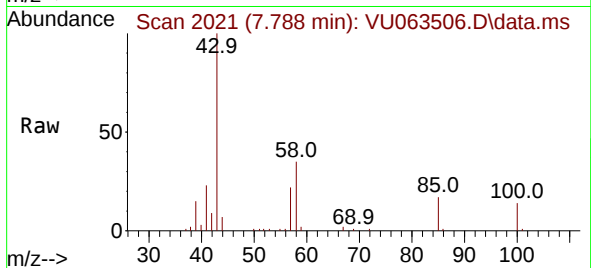




#51
4-Methyl-2-Pentanone
Concen: 15.438 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

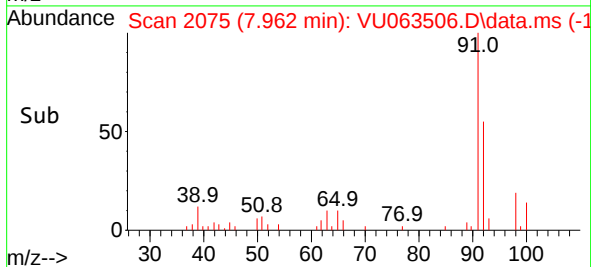
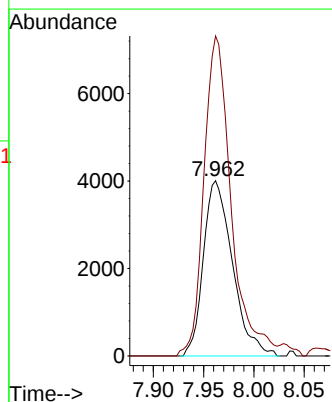
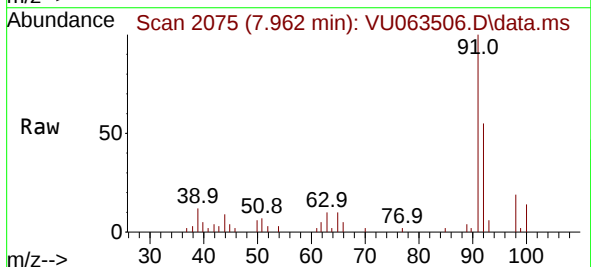
Instrument :
MSVOA_U
ClientSampleId :
MDL07

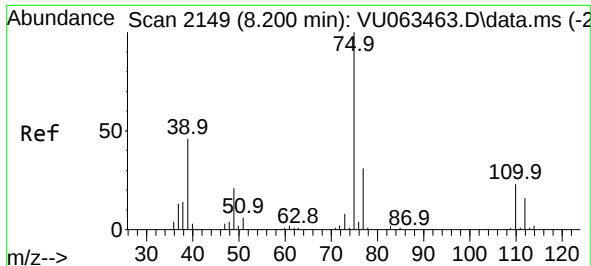
Tgt Ion: 43 Resp: 34127
Ion Ratio Lower Upper
43 100
58 35.7 31.0 46.4



#52
Toluene
Concen: 2.787 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 92 Resp: 8084
Ion Ratio Lower Upper
92 100
91 170.4 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.114 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.009 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

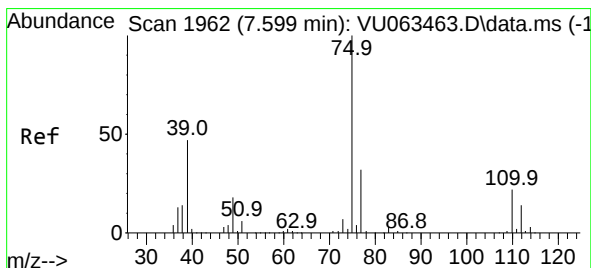
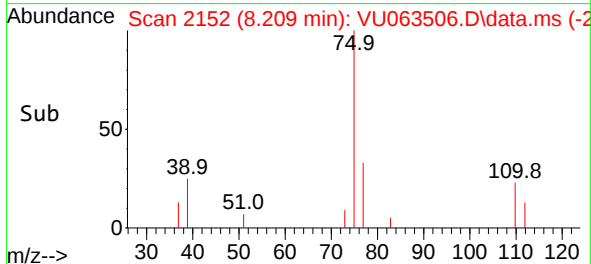
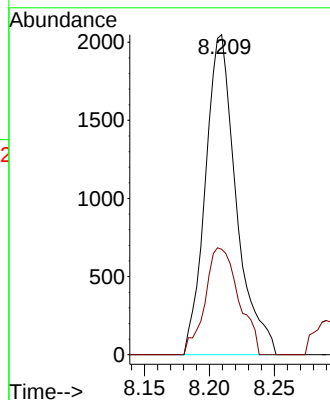
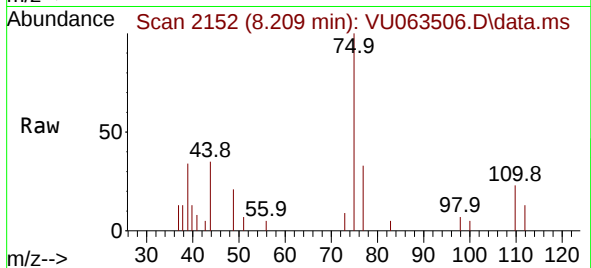
MDL07

Tgt Ion: 75 Resp: 3374

Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.334 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

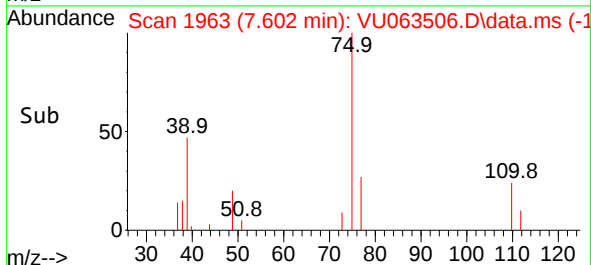
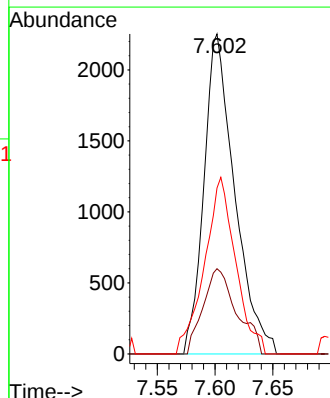
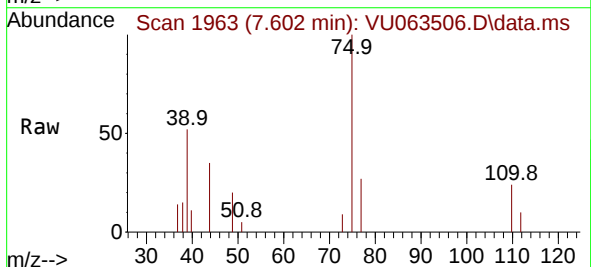
Tgt Ion: 75 Resp: 4170

Ion Ratio Lower Upper

75 100

77 26.6 25.4 38.0

39 51.8 37.2 55.8

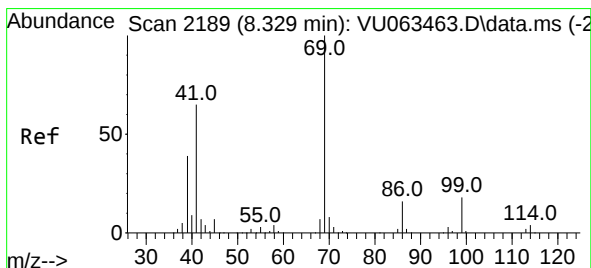
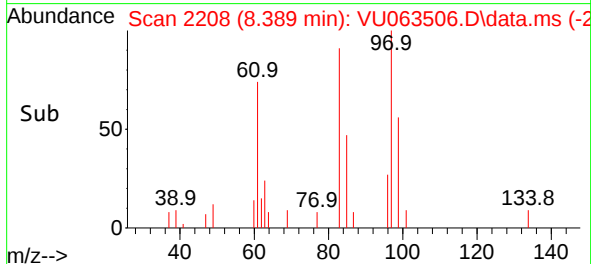
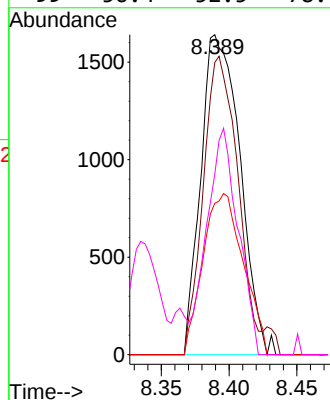
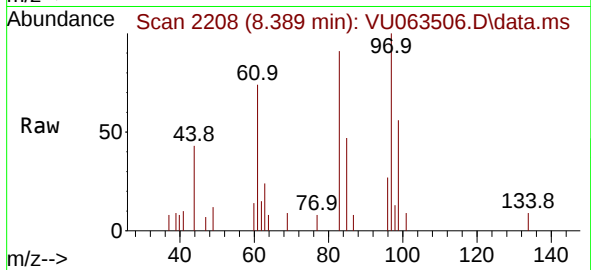




#55
 1,1,2-Trichloroethane
 Concen: 2.678 ug/l
 RT: 8.389 min Scan# 2191
 Delta R.T. -0.000 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

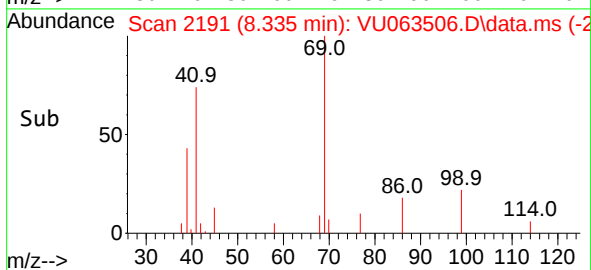
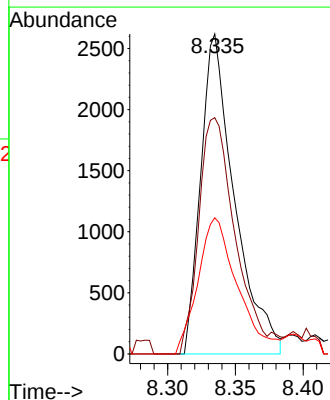
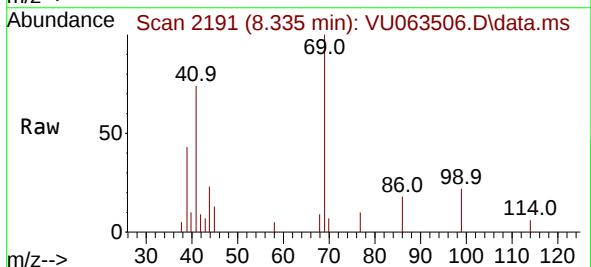
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

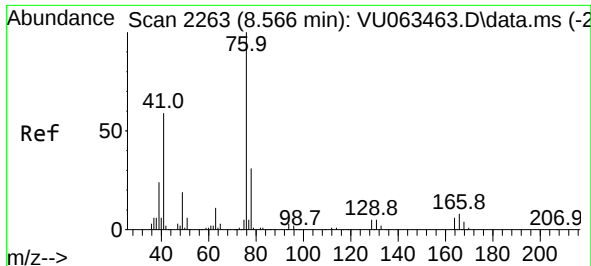
Tgt Ion: 97	Resp: 3298
Ion Ratio	Lower Upper
97 100	
83 91.3	74.2 111.4
85 47.3	45.8 68.8
99 56.4	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 2.287 ug/l
 RT: 8.335 min Scan# 2191
 Delta R.T. 0.006 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

Tgt Ion: 69	Resp: 4544
Ion Ratio	Lower Upper
69 100	
41 79.0	53.0 79.6
39 49.9	31.0 46.4#

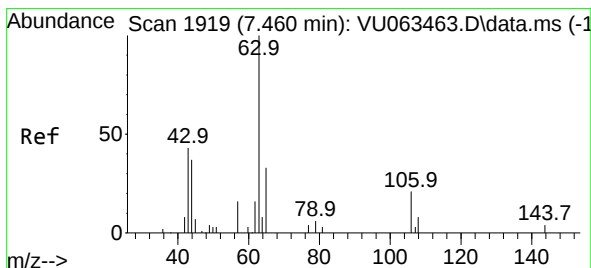
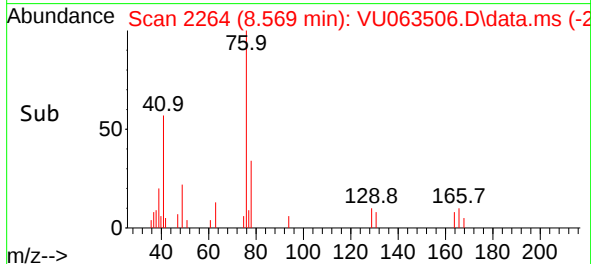
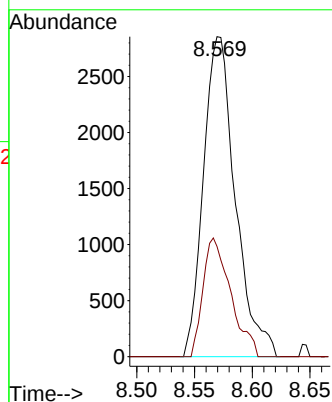
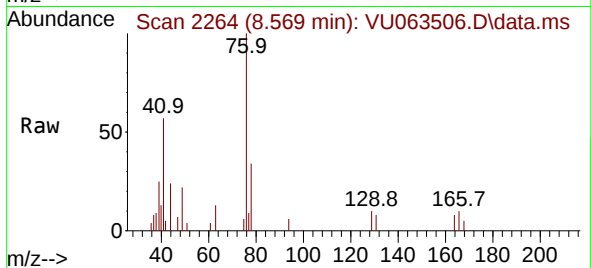




#57
1,3-Dichloropropane
Concen: 2.693 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

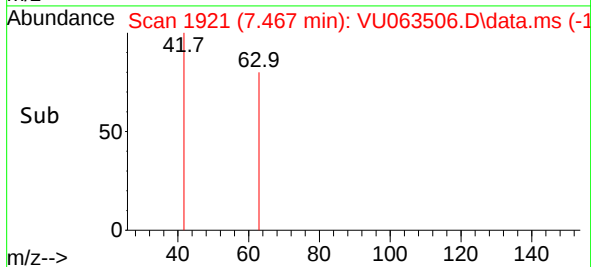
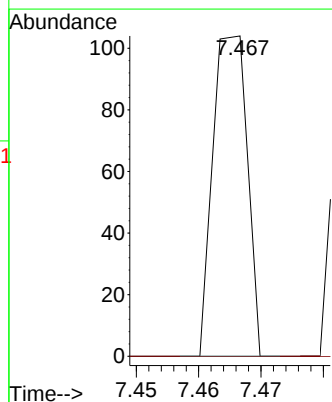
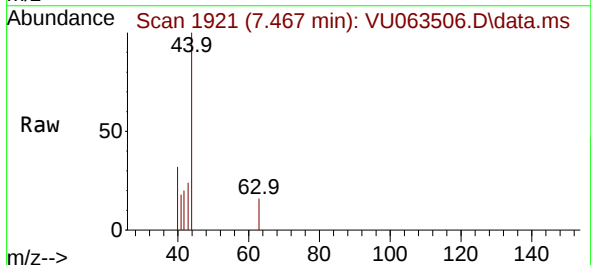
Instrument :
MSVOA_U
ClientSampleId :
MDL07

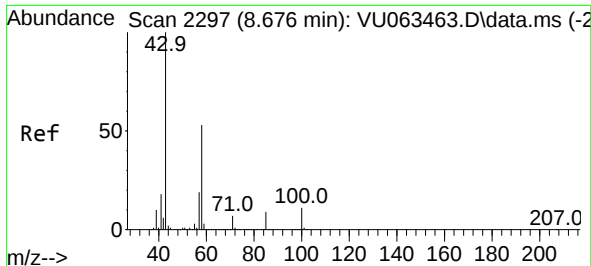
Tgt Ion: 76 Resp: 5467
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 1.939 ug/l
RT: 7.467 min Scan# 1921
Delta R.T. 0.007 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 11.5 17.3#

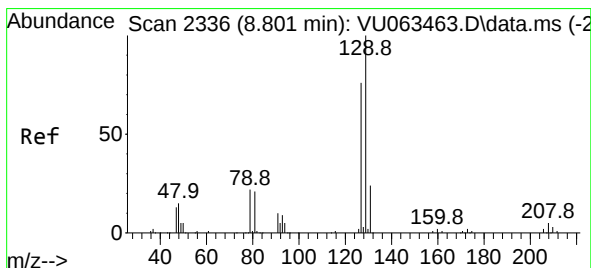
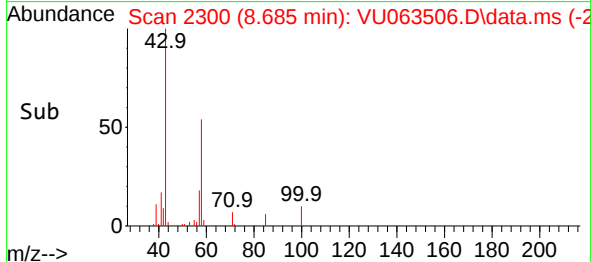
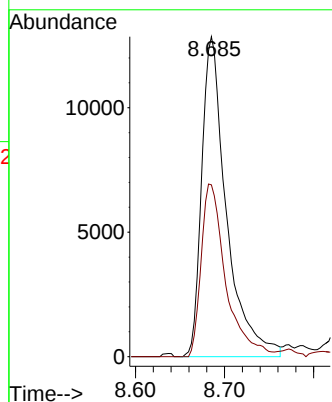
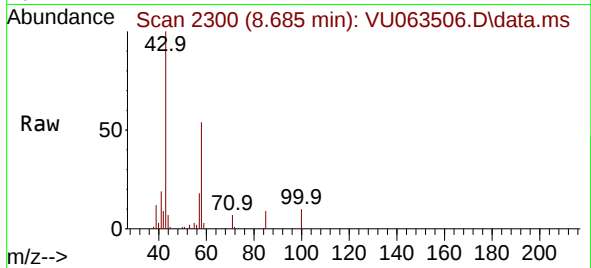




#59
2-Hexanone
Concen: 14.804 ug/l
RT: 8.685 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

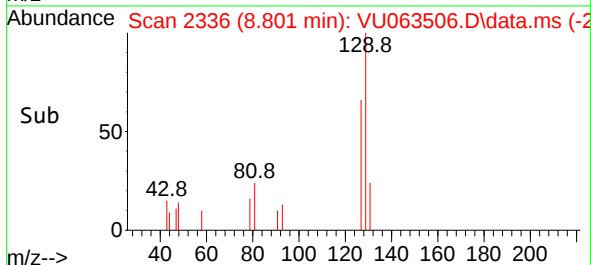
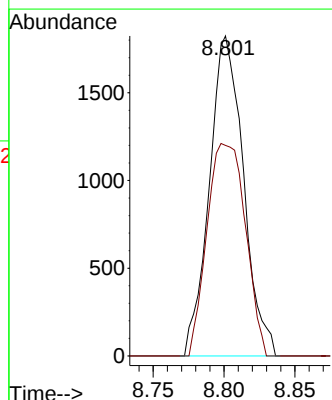
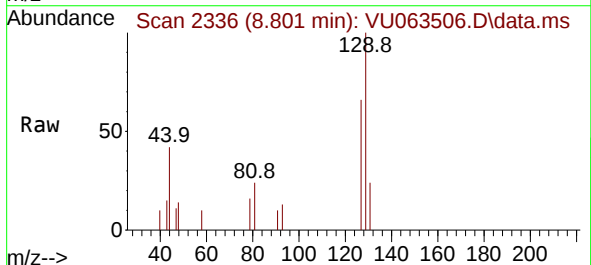
Instrument :
MSVOA_U
ClientSampleId :
MDL07

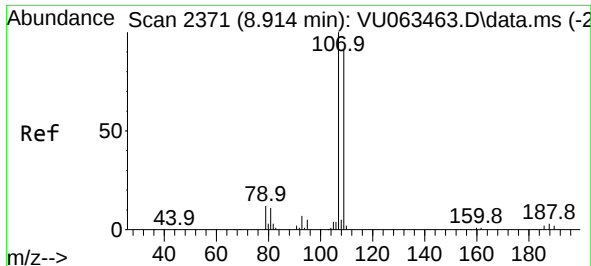
Tgt Ion: 43 Resp: 24753
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.7



#60
Dibromochloromethane
Concen: 2.213 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:129 Resp: 3053
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.2

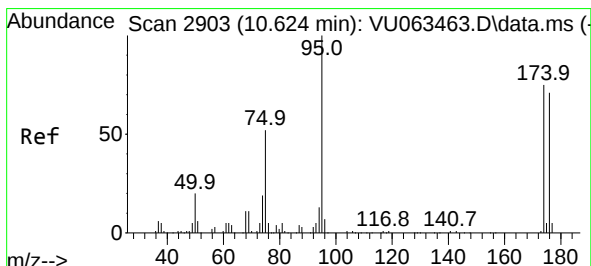
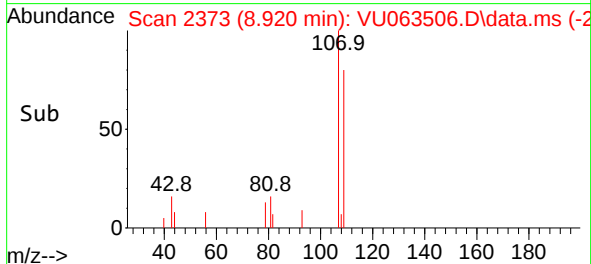
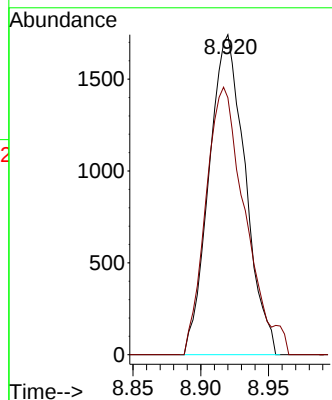
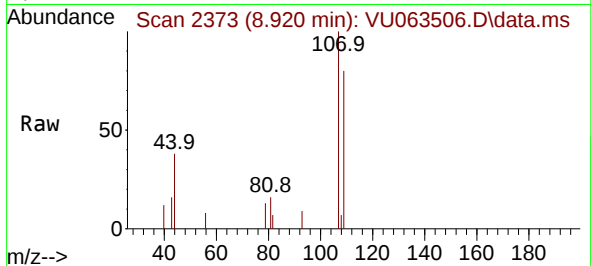




#61
1,2-Dibromoethane
Concen: 2.671 ug/l
RT: 8.920 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

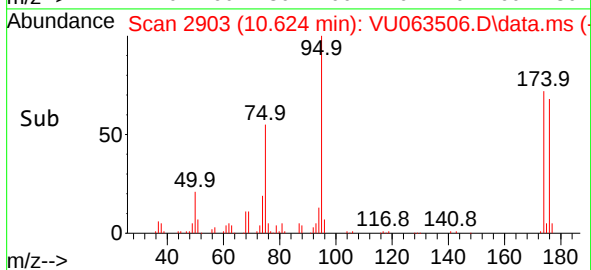
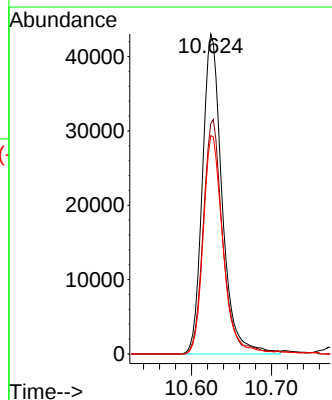
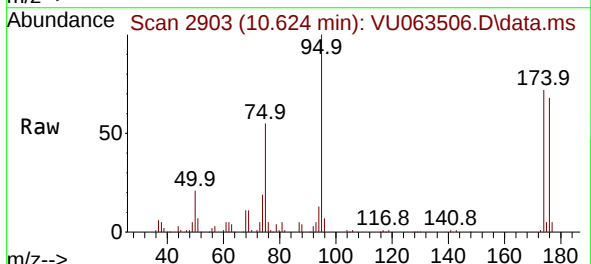
Instrument :
MSVOA_U
ClientSampleId :
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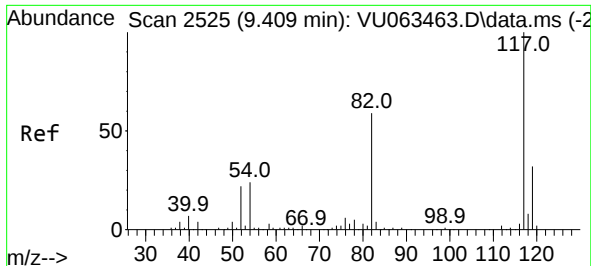
Tgt Ion:107 Resp: 3229
Ion Ratio Lower Upper
107 100
109 91.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 49.525 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 95 Resp: 73785
Ion Ratio Lower Upper
95 100
174 73.3 0.0 153.6
176 68.4 0.0 145.8

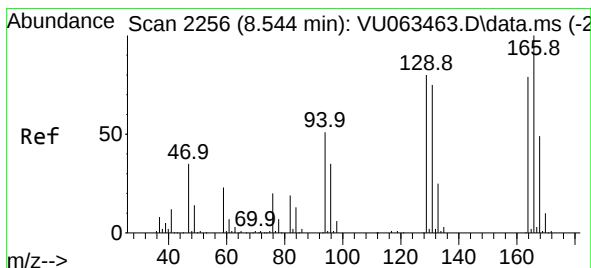
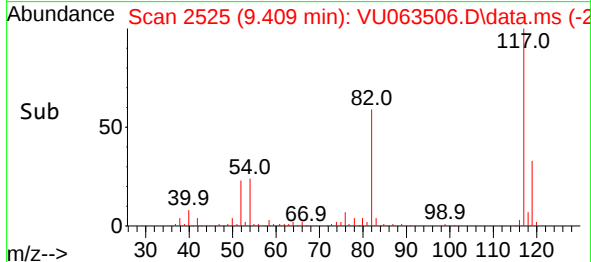
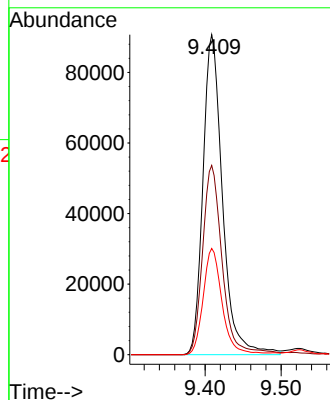
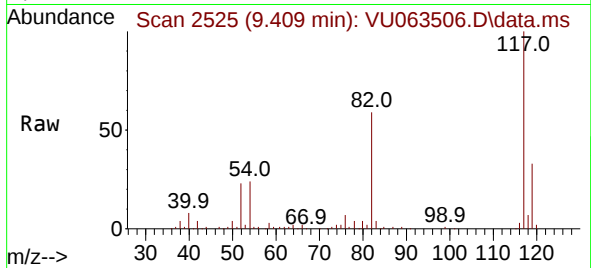




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

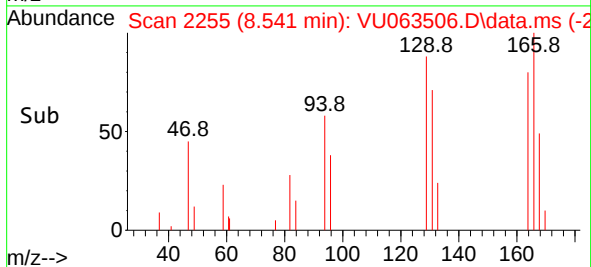
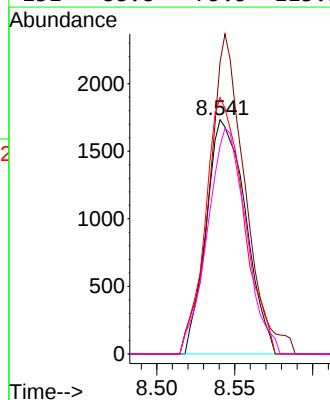
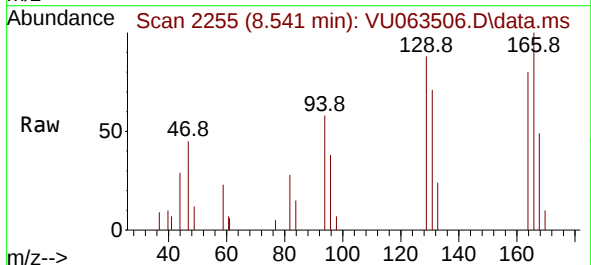
Instrument :
MSVOA_U
ClientSampleId :
MDL07

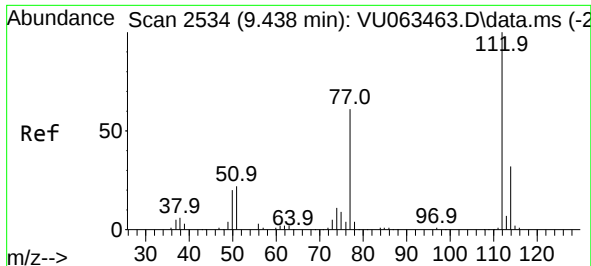
Tgt Ion:117 Resp: 161768
Ion Ratio Lower Upper
117 100
82 59.1 47.1 70.7
119 33.2 25.4 38.0



#64
Tetrachloroethene
Concen: 2.519 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:164 Resp: 3034
Ion Ratio Lower Upper
164 100
166 124.6 100.9 151.3
129 109.5 80.9 121.3
131 88.8 75.5 113.3

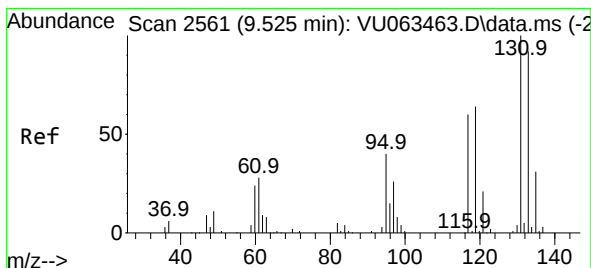
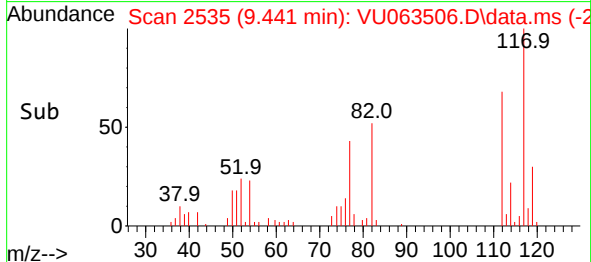
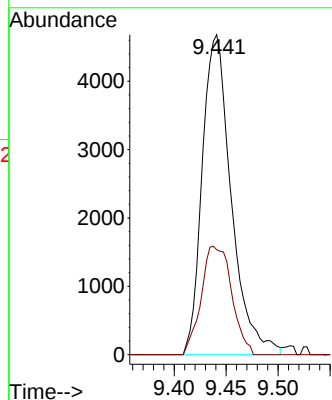
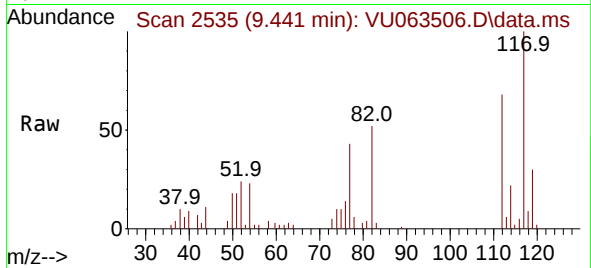




#65
Chlorobenzene
Concen: 2.699 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

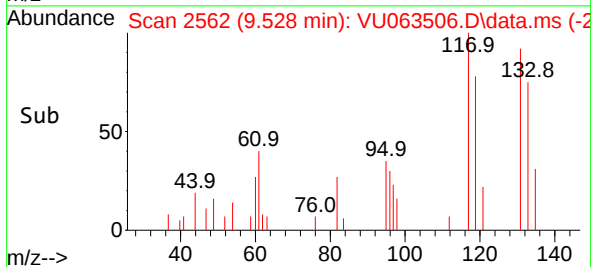
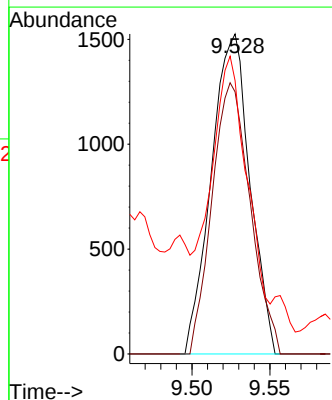
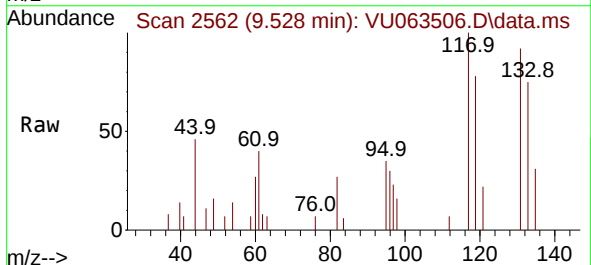
Instrument :
MSVOA_U
ClientSampleId :
MDL07

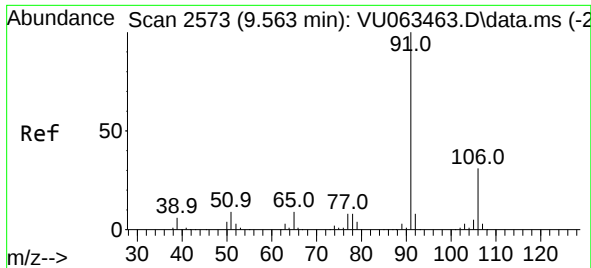
Tgt Ion:112 Resp: 9085
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.285 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:131 Resp: 2637
Ion Ratio Lower Upper
131 100
133 83.6 46.4 139.2
119 65.5 33.3 99.9

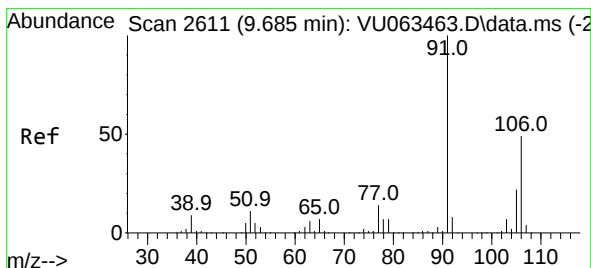
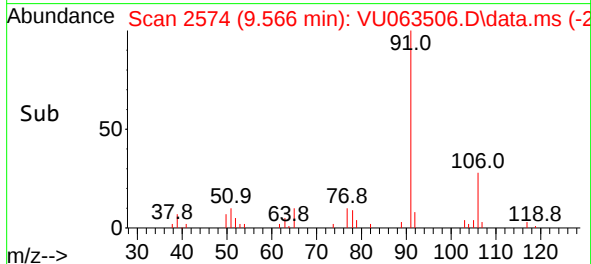
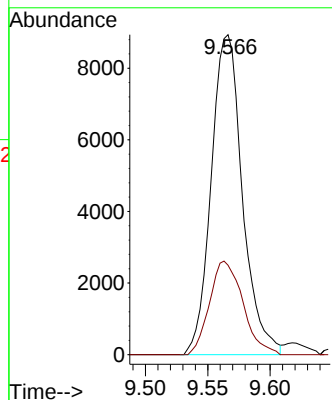
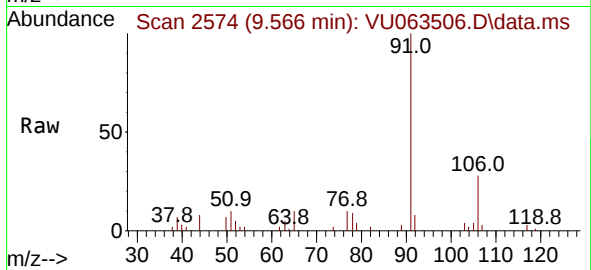




#67
Ethyl Benzene
Concen: 2.695 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

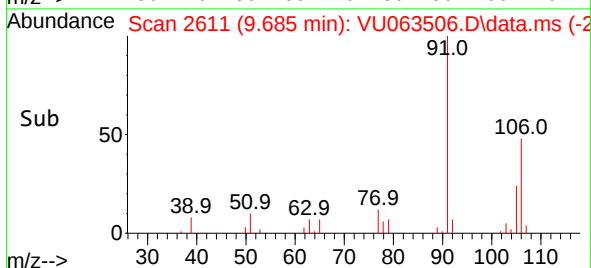
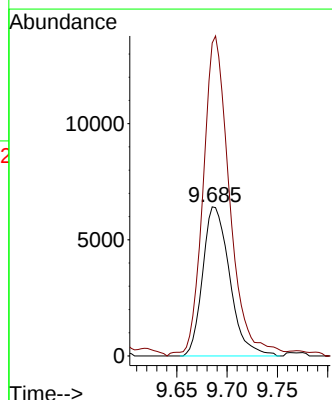
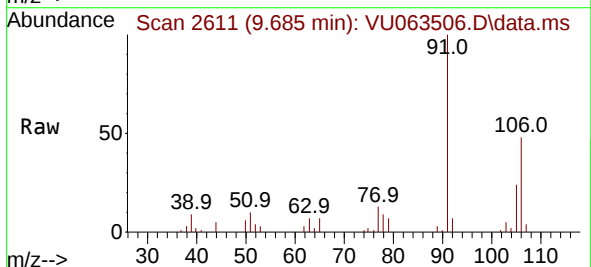
Instrument :
MSVOA_U
ClientSampleId :
MDL07

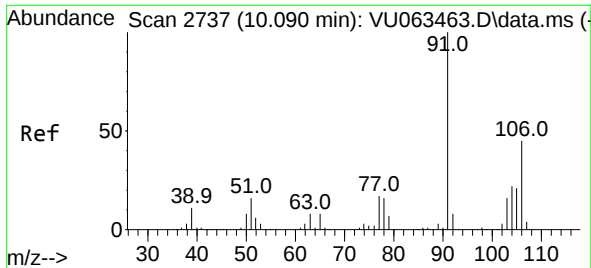
Tgt Ion: 91 Resp: 15587
Ion Ratio Lower Upper
91 100
106 27.9 24.5 36.7



#68
m/p-Xylenes
Concen: 5.439 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:106 Resp: 12007
Ion Ratio Lower Upper
106 100
91 210.5 163.6 245.4

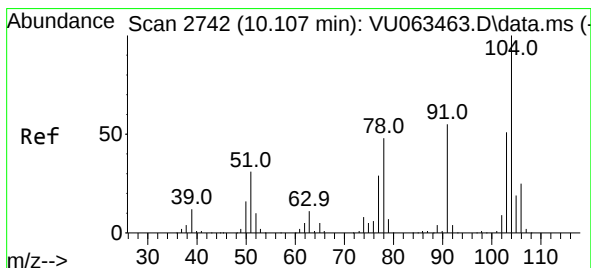
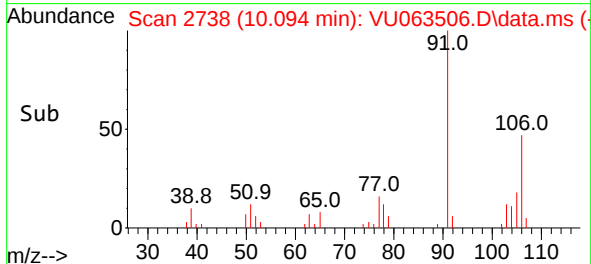
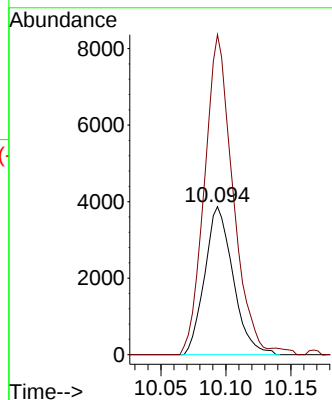
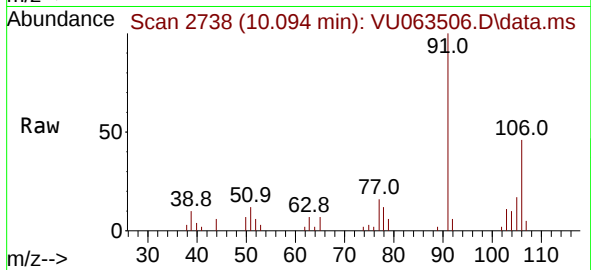




#69
o-Xylene
Concen: 2.613 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

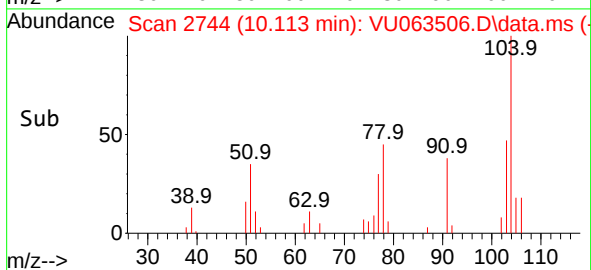
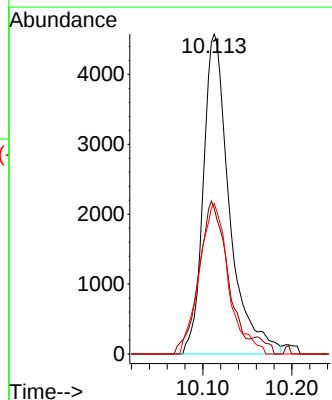
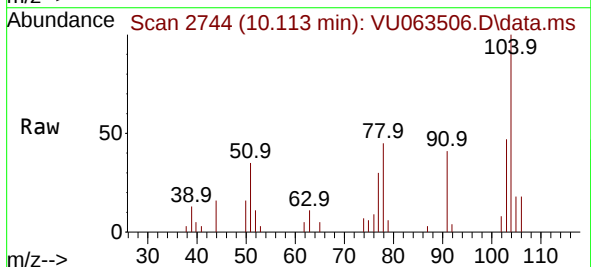
Instrument :
MSVOA_U
ClientSampleId :
MDL07

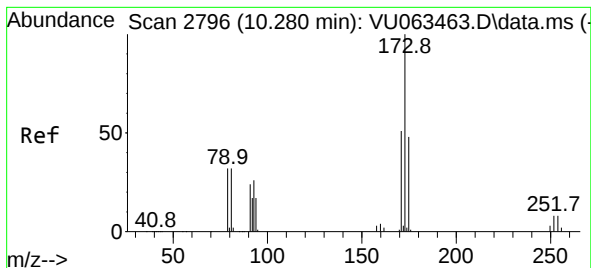
Tgt Ion:106 Resp: 5865
Ion Ratio Lower Upper
106 100
91 218.7 110.7 331.9



#70
Styrene
Concen: 2.614 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:104 Resp: 9329
Ion Ratio Lower Upper
104 100
78 52.1 41.4 62.0
103 52.5 44.3 66.5





#71

Bromoform

Concen: 1.949 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

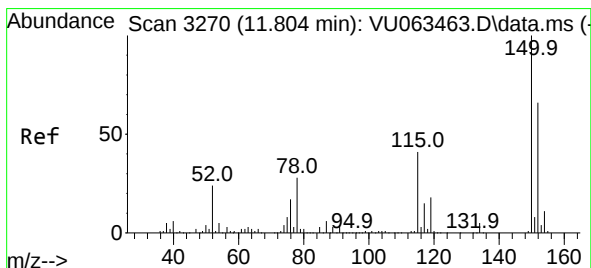
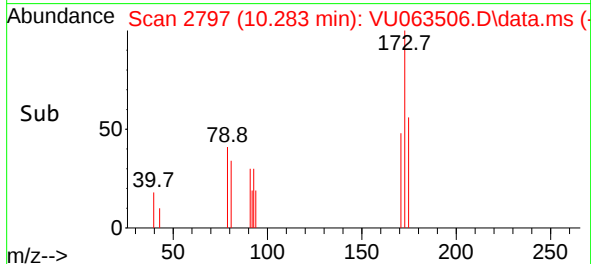
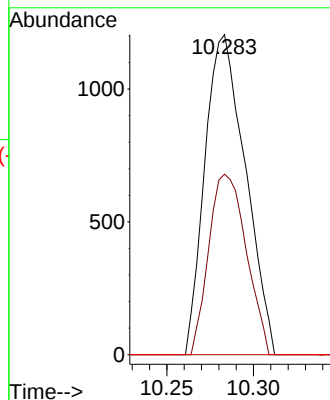
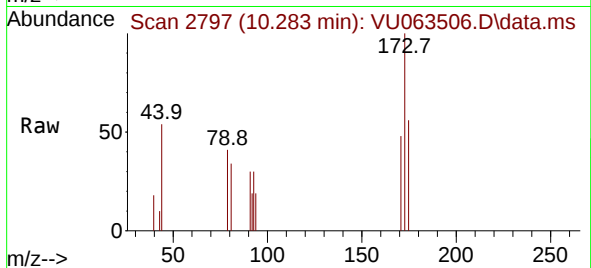
Tgt Ion:173 Resp: 1961

Ion Ratio Lower Upper

173 100

175 52.1 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: VU063506.D

Acq: 14 Jul 2025 13:51

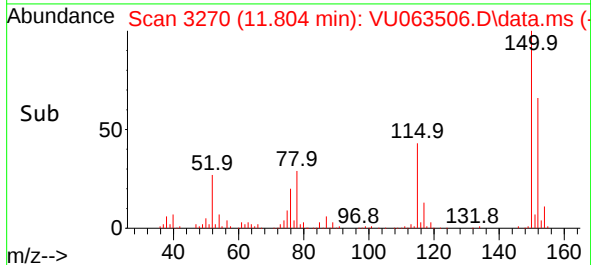
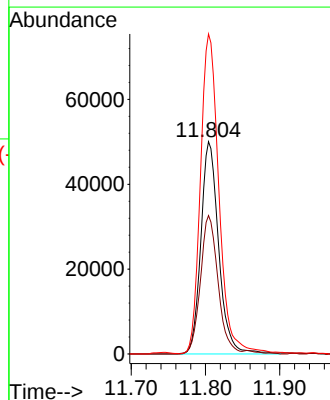
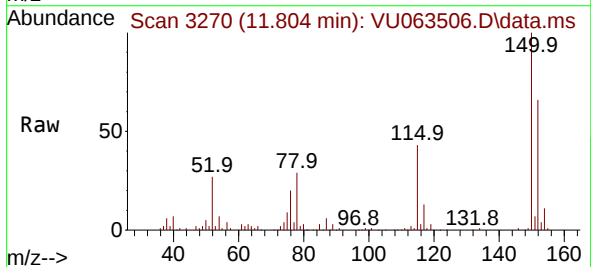
Tgt Ion:152 Resp: 83545

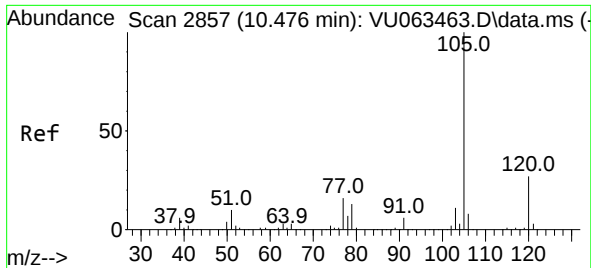
Ion Ratio Lower Upper

152 100

115 64.3 43.4 130.2

150 156.1 0.0 341.4

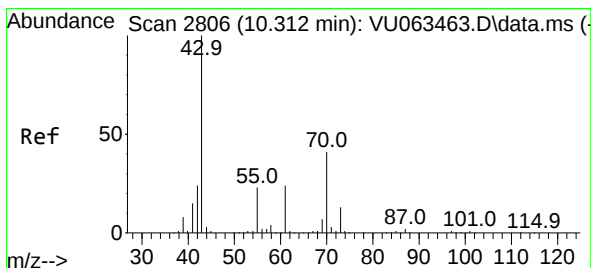
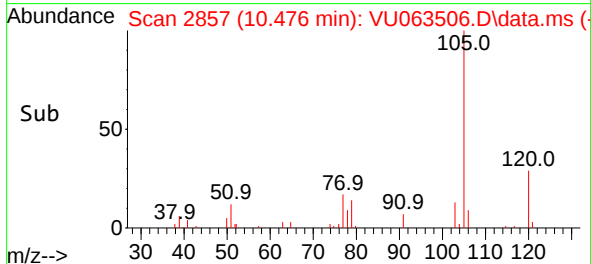
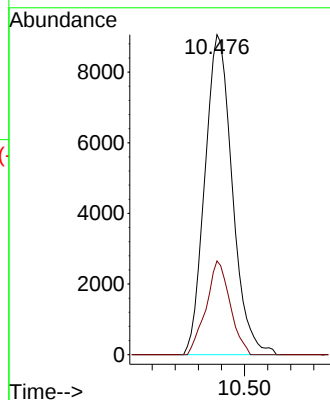
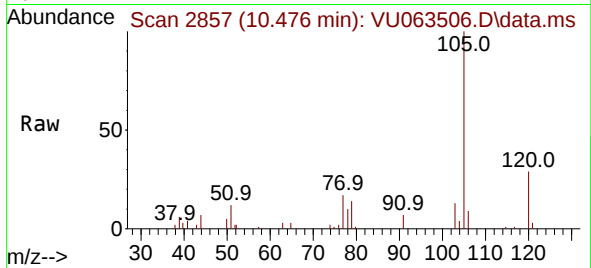




#73
Isopropylbenzene
Concen: 2.624 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

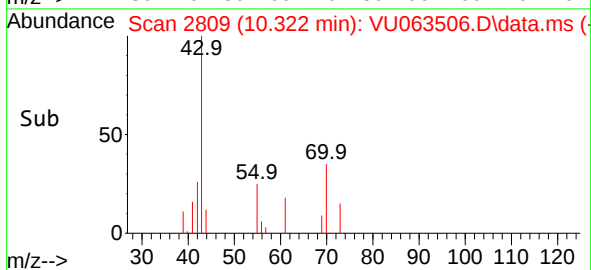
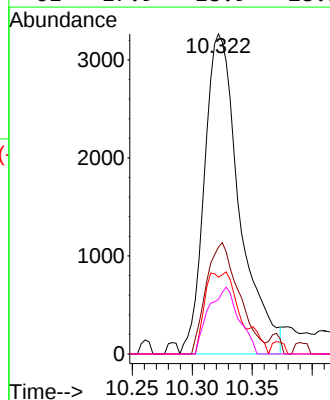
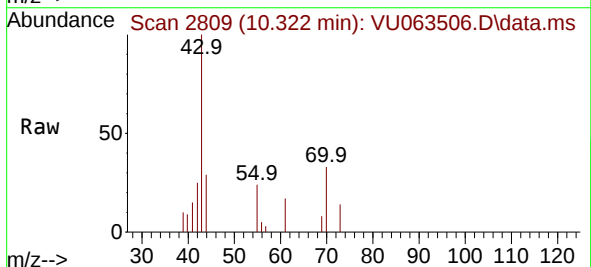
Instrument :
MSVOA_U
ClientSampleId :
MDL07

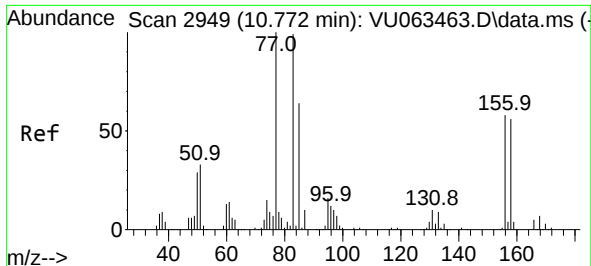
Tgt Ion:105 Resp: 14917
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 2.603 ug/l
RT: 10.322 min Scan# 2809
Delta R.T. 0.009 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 43 Resp: 6635
Ion Ratio Lower Upper
43 100
70 32.7 32.6 48.8
55 10.9 18.6 27.8#
61 17.9 18.9 28.3#

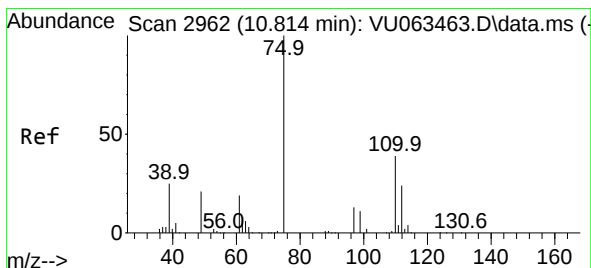
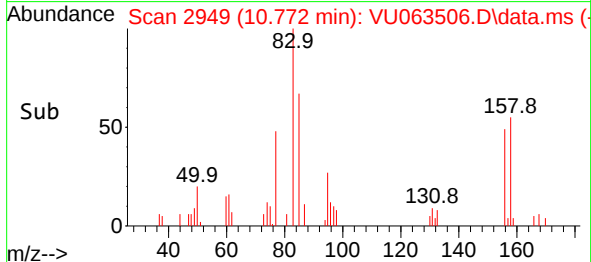
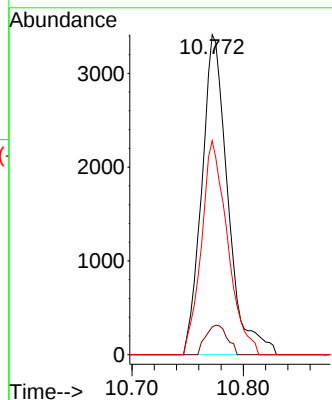
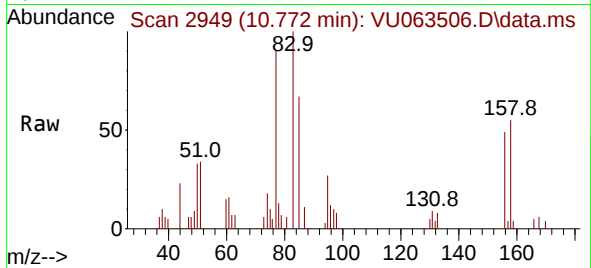




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.653 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

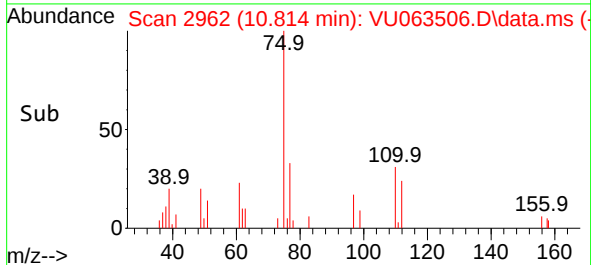
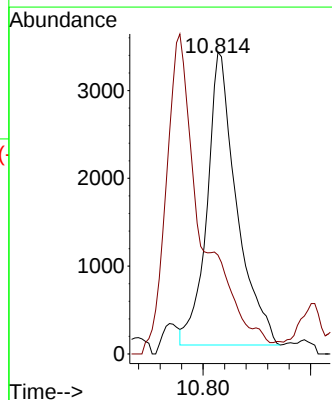
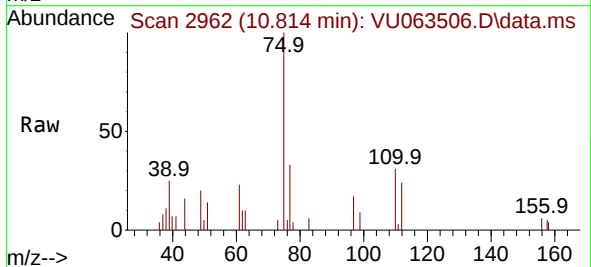
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

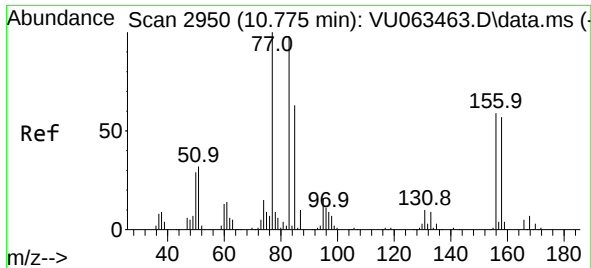
Tgt Ion: 83 Resp: 5551
 Ion Ratio Lower Upper
 83 100
 131 7.6 4.8 14.3
 85 67.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 2.886 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063506.D
 Acq: 14 Jul 2025 13:51

Tgt Ion: 75 Resp: 6389
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

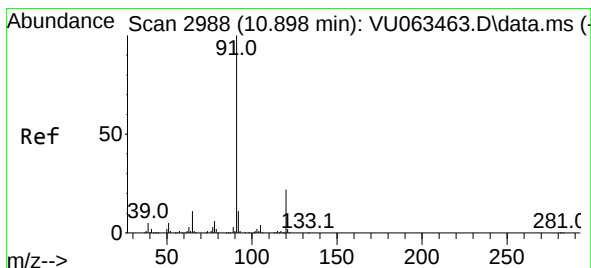
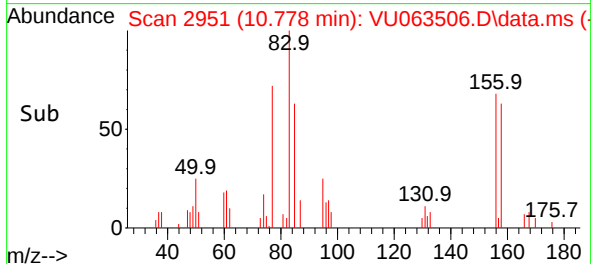
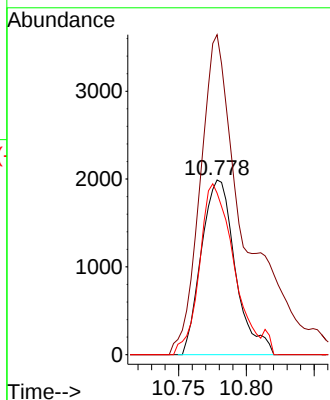
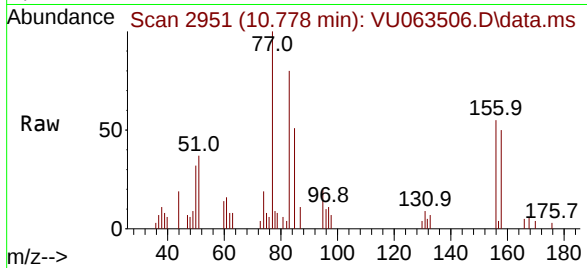




#77
Bromobenzene
Concen: 2.484 ug/l
RT: 10.778 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

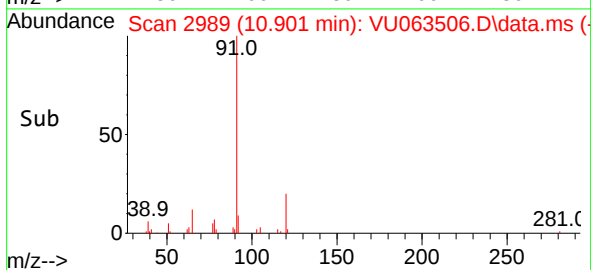
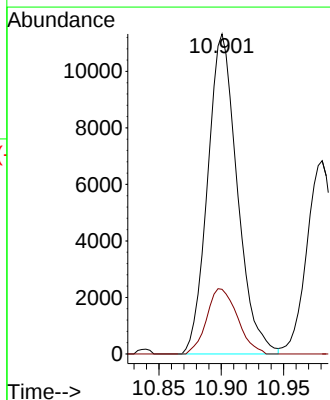
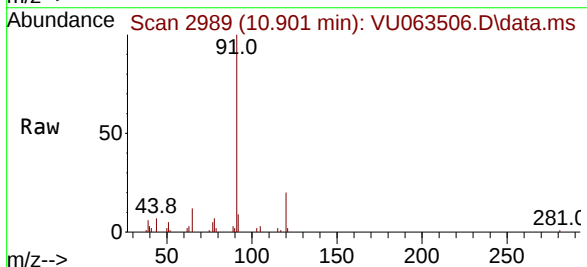
Instrument :
MSVOA_U
ClientSampleId :
MDL07

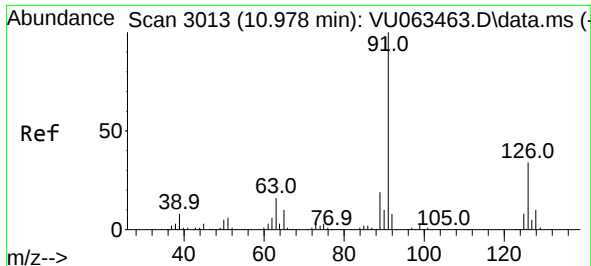
Tgt Ion:156 Resp: 3462
Ion Ratio Lower Upper
156 100
77 245.4 78.2 234.6#
158 101.0 46.8 140.4



#78
n-propylbenzene
Concen: 2.845 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 91 Resp: 18753
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4

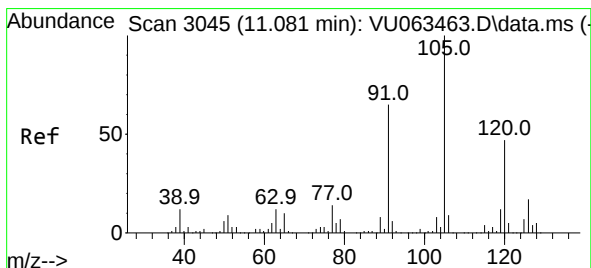
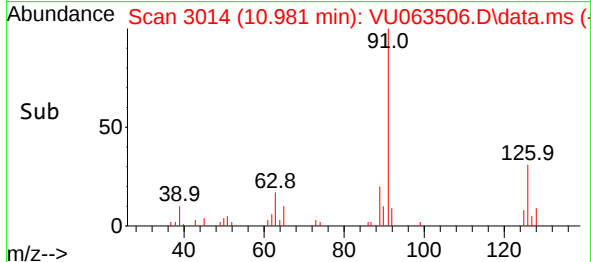
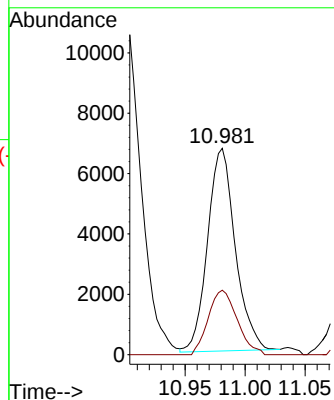
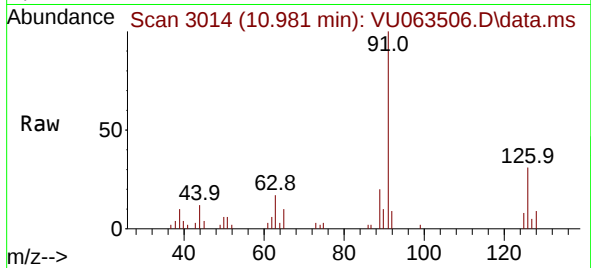




#79
2-Chlorotoluene
Concen: 2.611 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

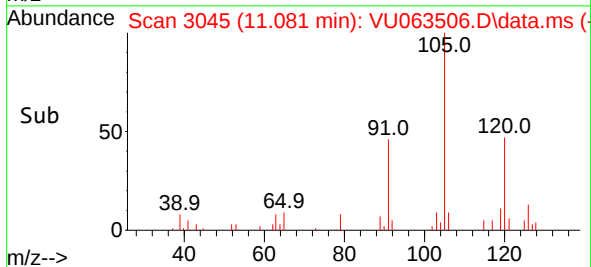
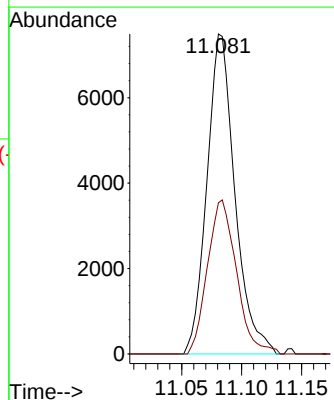
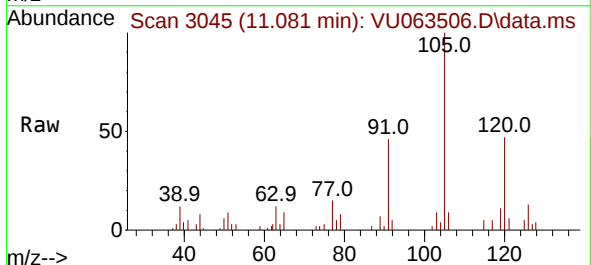
Instrument :
MSVOA_U
ClientSampleId :
MDL07

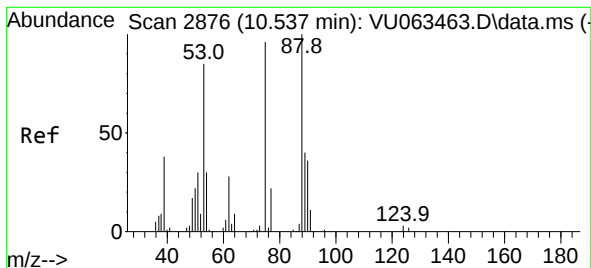
Tgt Ion: 91 Resp: 10795
Ion Ratio Lower Upper
91 100
126 33.1 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 2.445 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 105 Resp: 12157
Ion Ratio Lower Upper
105 100
120 49.9 23.4 70.2

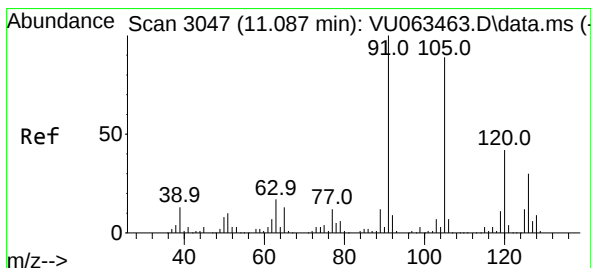
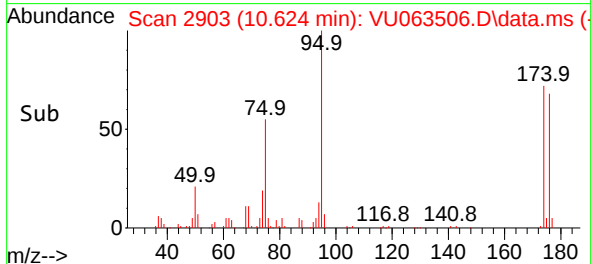
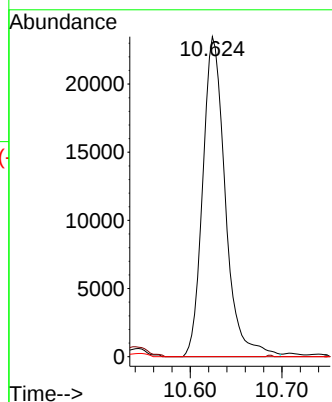
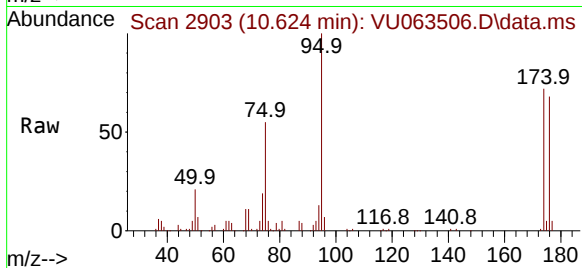




#81
trans-1,4-Dichloro-2-butene
Concen: 90.329 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

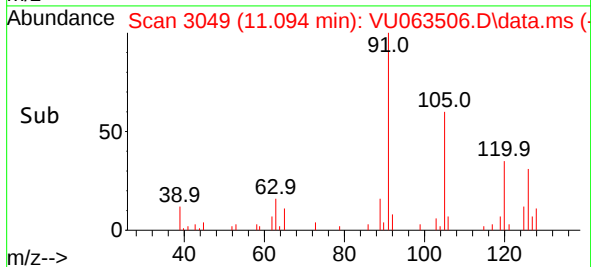
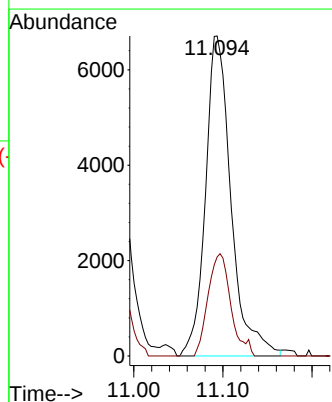
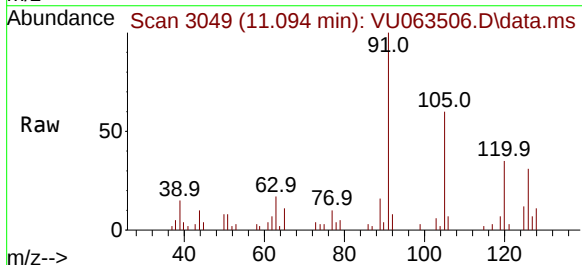
Instrument :
MSVOA_U
ClientSampleId :
MDL07

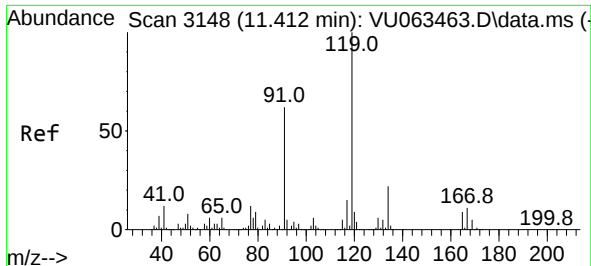
Tgt Ion: 75 Resp: 40094
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 2.851 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 91 Resp: 13383
Ion Ratio Lower Upper
91 100
126 28.4 14.4 43.2

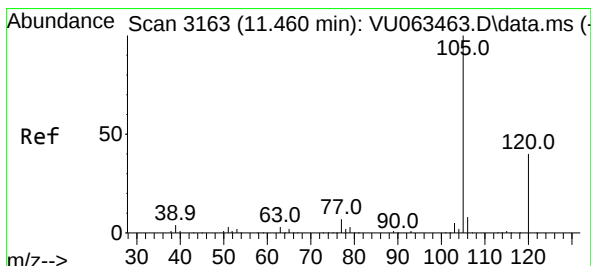
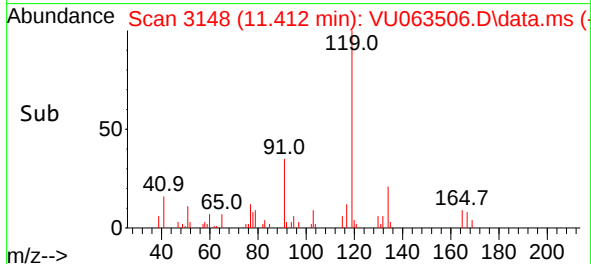
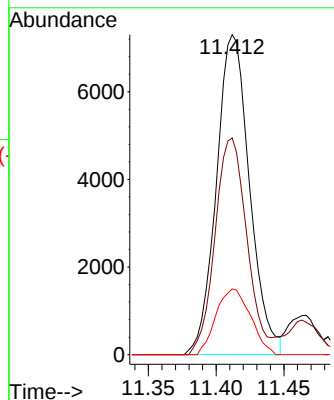
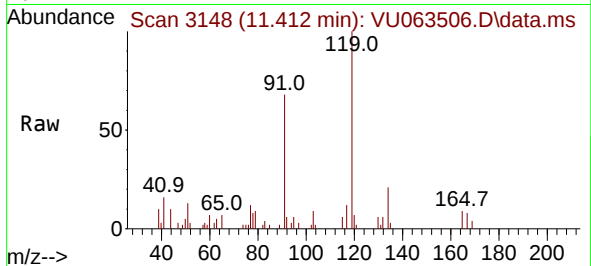




#83
tert-Butylbenzene
Concen: 2.614 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

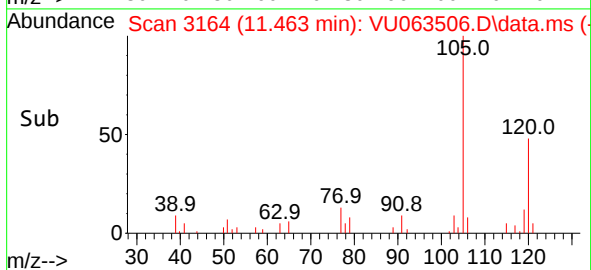
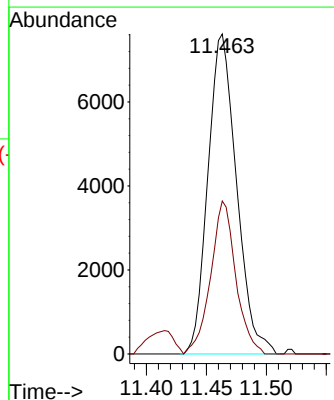
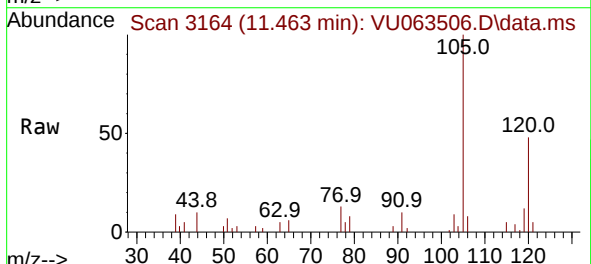
Instrument :
MSVOA_U
ClientSampleId :
MDL07

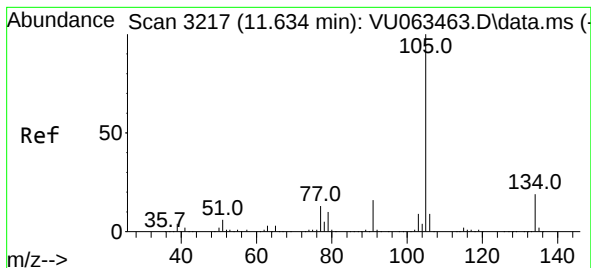
Tgt Ion:119 Resp: 12462
Ion Ratio Lower Upper
119 100
91 64.8 30.3 91.0
134 21.3 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 2.586 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion:105 Resp: 12624
Ion Ratio Lower Upper
105 100
120 42.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 2.500 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

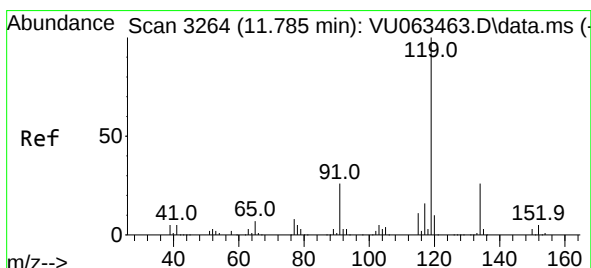
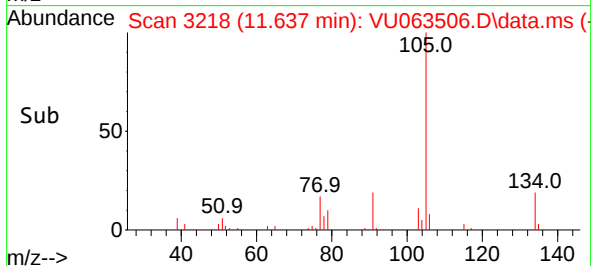
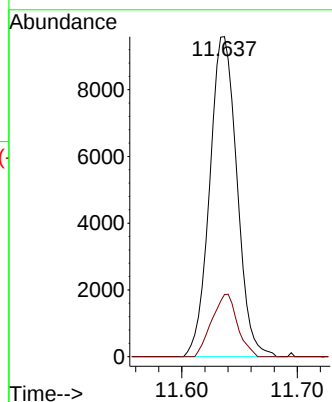
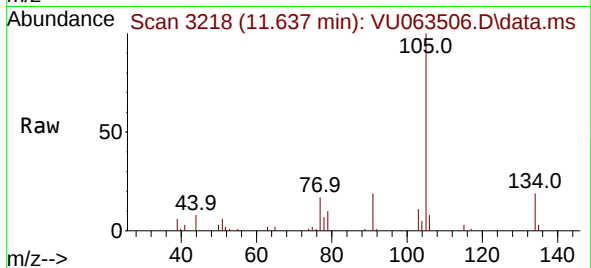
MDL07

Tgt Ion:105 Resp: 15733

Ion Ratio Lower Upper

105 100

134 18.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 2.612 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

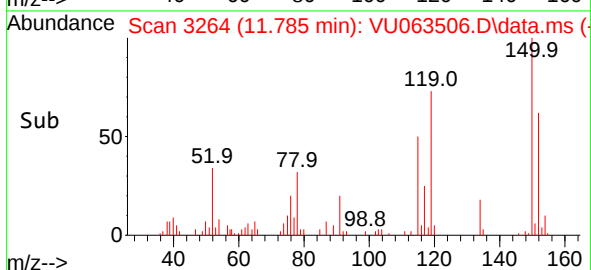
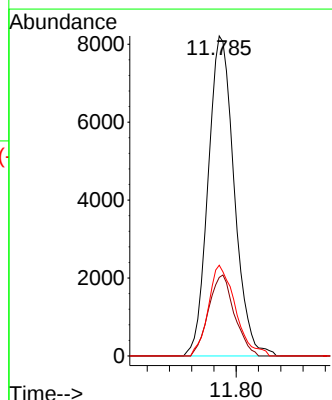
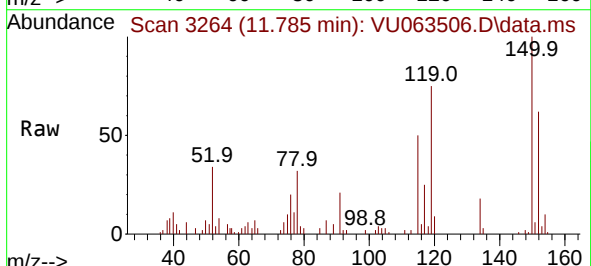
Tgt Ion:119 Resp: 13334

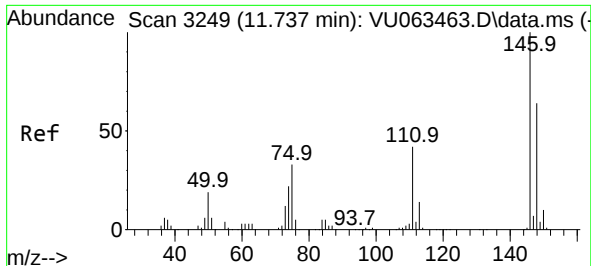
Ion Ratio Lower Upper

119 100

134 25.1 13.0 38.9

91 29.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 2.699 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

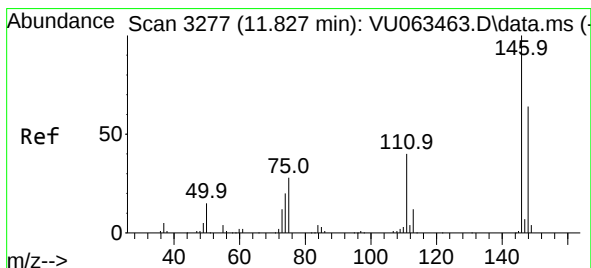
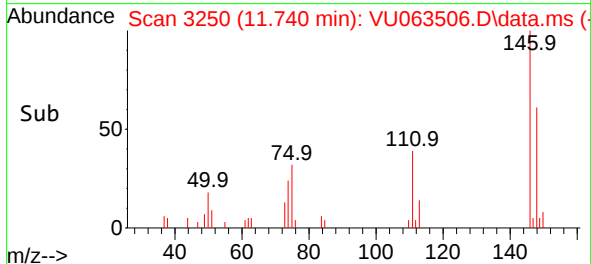
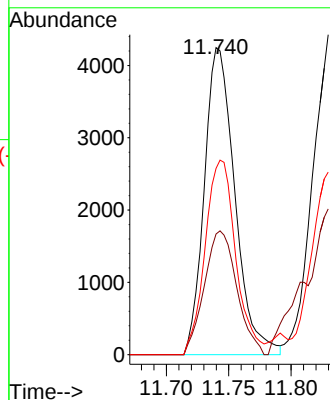
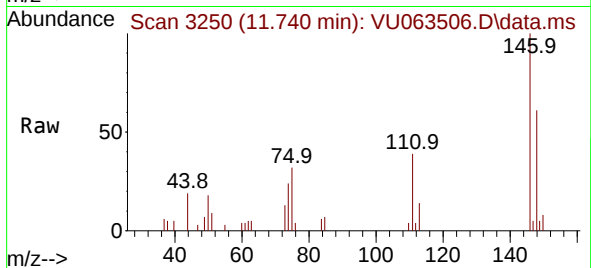
Tgt Ion:146 Resp: 7246

Ion Ratio Lower Upper

146 100

111 42.8 20.9 62.7

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 3.099 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.006 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

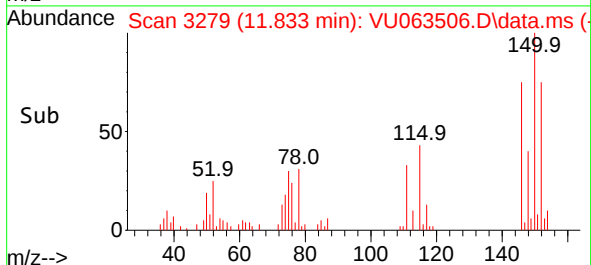
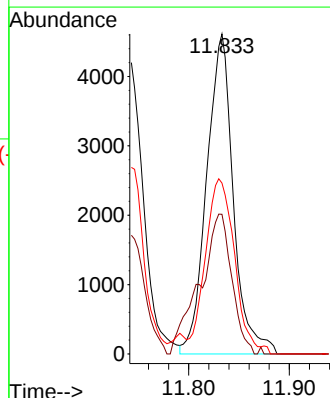
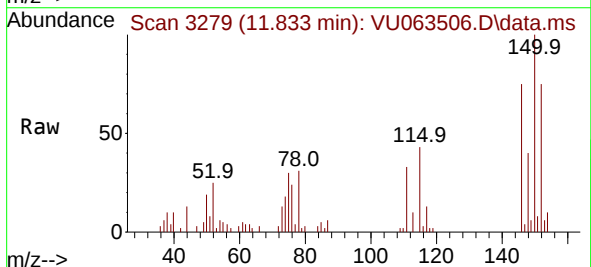
Tgt Ion:146 Resp: 8483

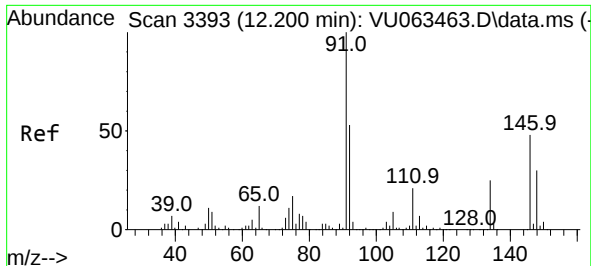
Ion Ratio Lower Upper

146 100

111 52.6 20.8 62.4

148 60.3 31.9 95.9





#89

n-Butylbenzene

Concen: 2.681 ug/l

RT: 12.206 min Scan# 3393

Delta R.T. 0.006 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

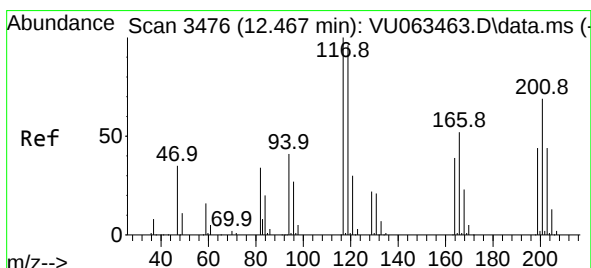
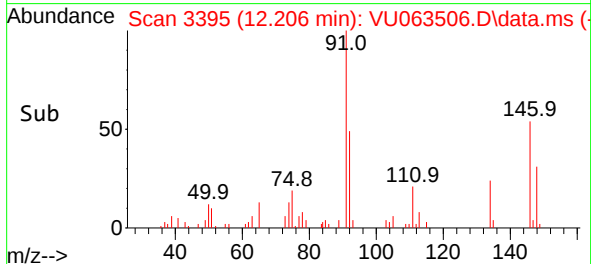
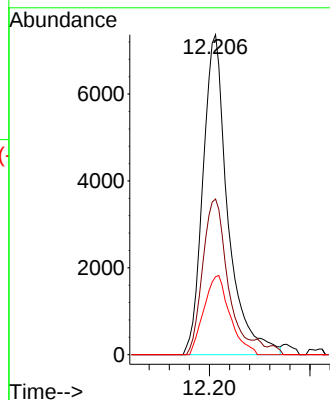
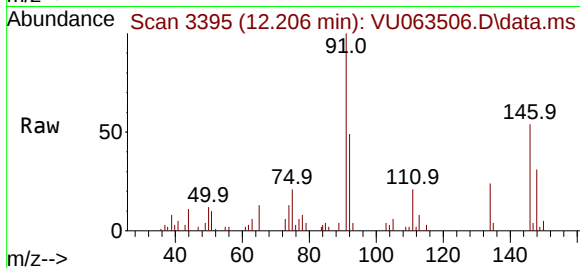
Tgt Ion: 91 Resp: 12666

Ion Ratio Lower Upper

91 100

92 50.5 26.4 79.2

134 25.8 12.4 37.0



#90

Hexachloroethane

Concen: 2.028 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063506.D

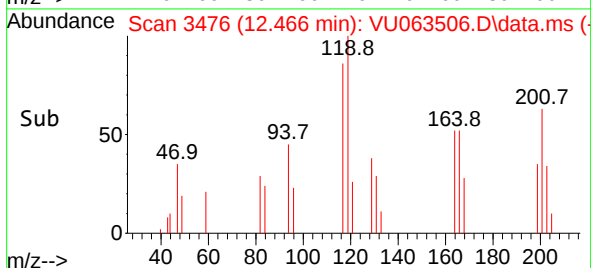
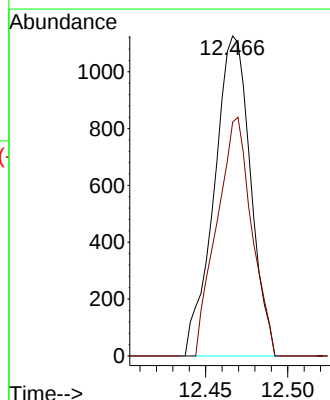
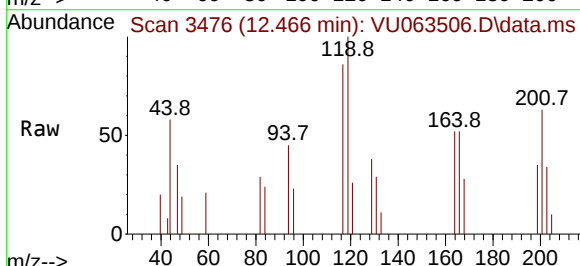
Acq: 14 Jul 2025 13:51

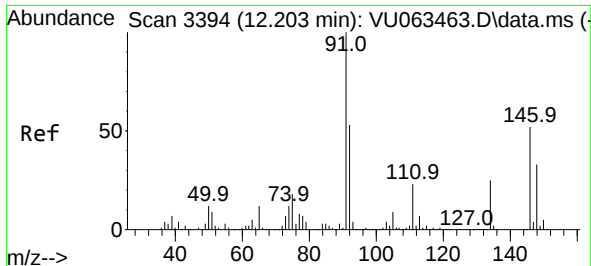
Tgt Ion: 117 Resp: 1731

Ion Ratio Lower Upper

117 100

201 71.8 34.4 103.2

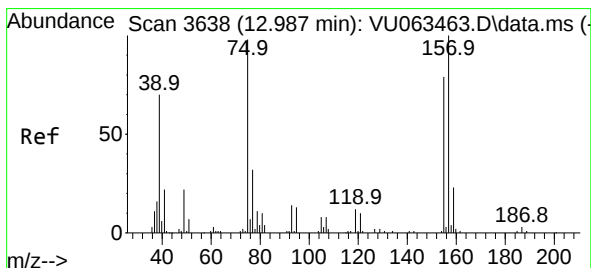
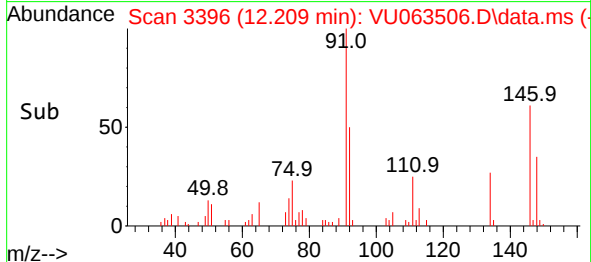
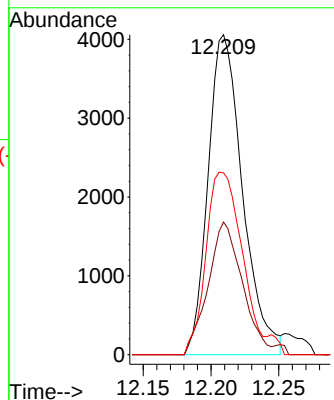
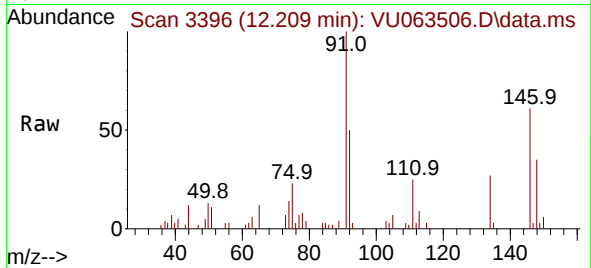




#91
1,2-Dichlorobenzene
Concen: 2.743 ug/l
RT: 12.209 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

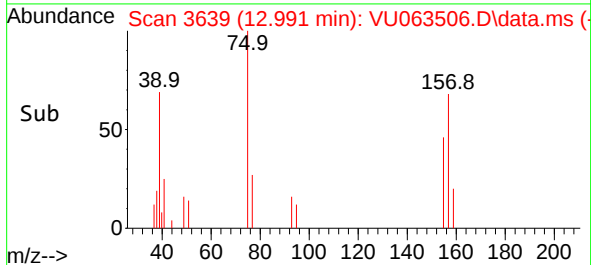
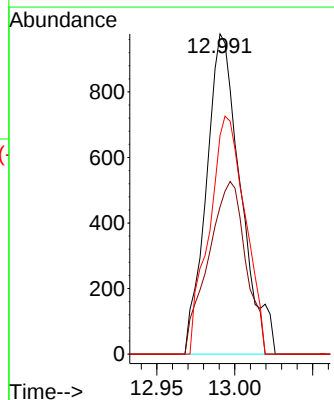
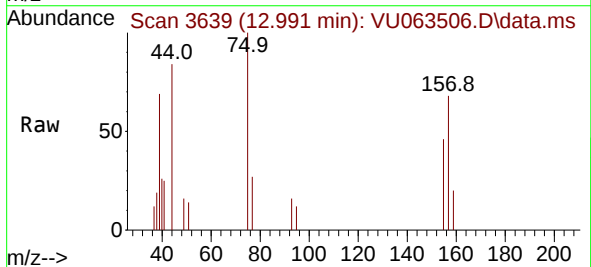
Instrument :
MSVOA_U
ClientSampleId :
MDL07

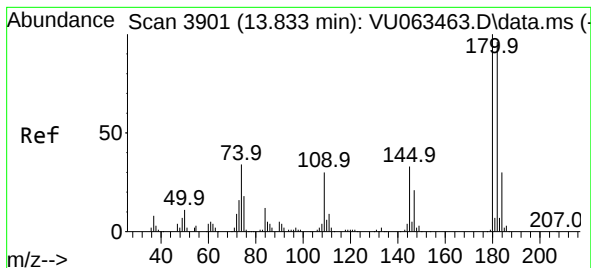
Tgt Ion:146 Resp: 7183
Ion Ratio Lower Upper
146 100
111 41.2 21.9 65.5
148 61.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.017 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063506.D
Acq: 14 Jul 2025 13:51

Tgt Ion: 75 Resp: 1495
Ion Ratio Lower Upper
75 100
155 59.1 39.1 117.5
157 77.9 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 2.932 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

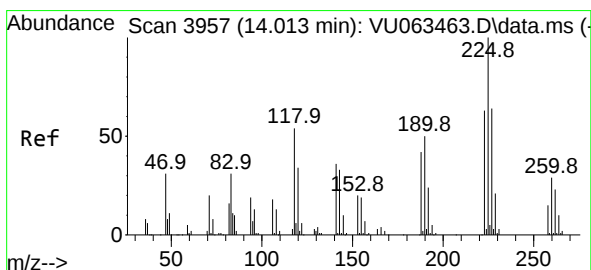
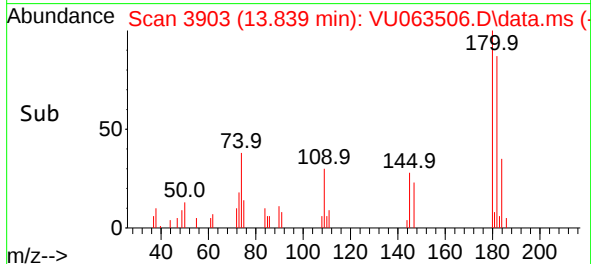
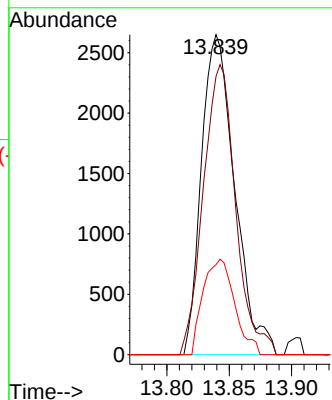
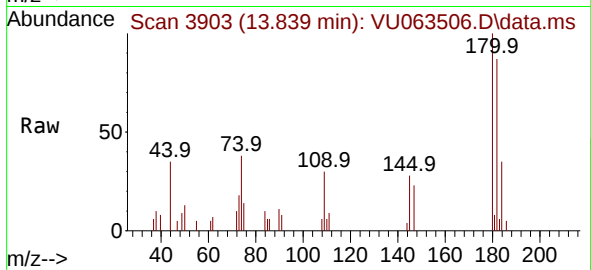
Tgt Ion:180 Resp: 4916

Ion Ratio Lower Upper

180 100

182 88.0 47.7 143.1

145 28.3 16.6 49.7



#94

Hexachlorobutadiene

Concen: 2.503 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

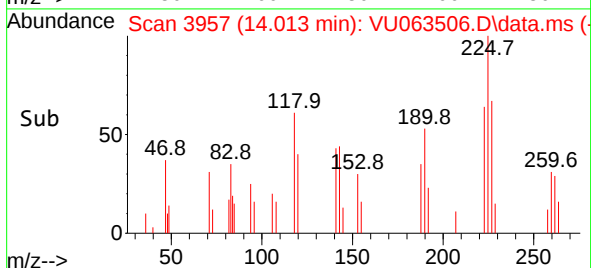
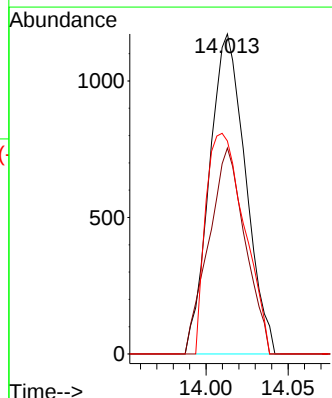
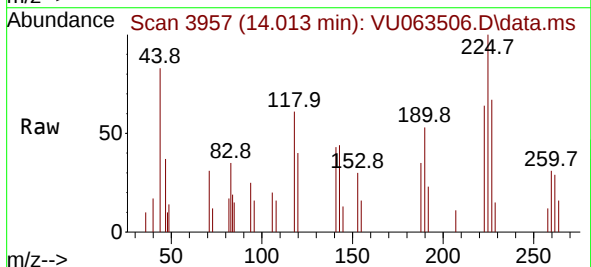
Tgt Ion:225 Resp: 1794

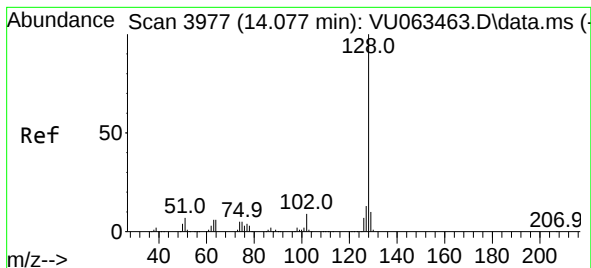
Ion Ratio Lower Upper

225 100

223 64.8 32.4 97.0

227 73.4 32.3 96.9





#95

Naphthalene

Concen: 3.222 ug/l

RT: 14.090 min Scan# 3977

Delta R.T. 0.013 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Instrument :

MSVOA_U

ClientSampleId :

MDL07

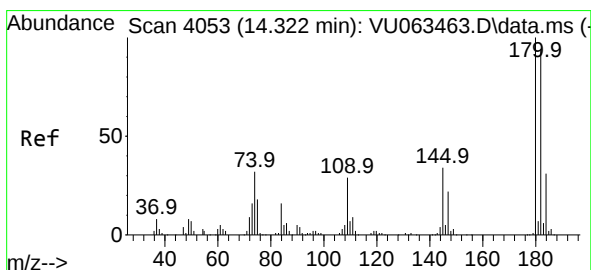
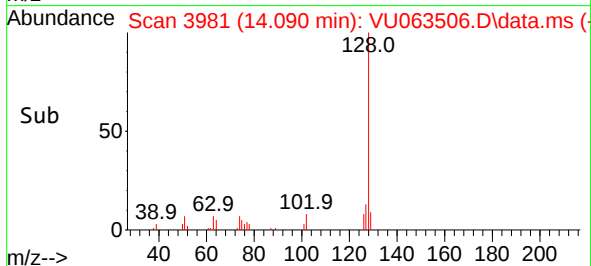
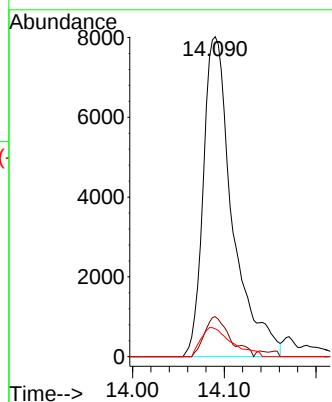
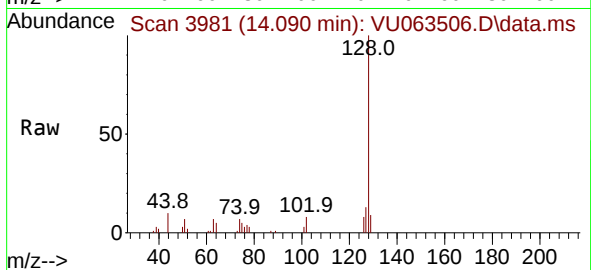
Tgt Ion:128 Resp: 17695

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.4

129 9.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 2.679 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063506.D

Acq: 14 Jul 2025 13:51

Tgt Ion:180 Resp: 4415

Ion Ratio Lower Upper

180 100

182 98.3 47.8 143.3

145 34.0 17.2 51.5

