

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063494.D
 Acq On : 11 Jul 2025 15:57
 Operator : MD/SY
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Jul 12 03:55:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	97089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.242	114	182312	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.412	117	165484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.807	152	83433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	72412	58.456	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.920%	
35) Dibromofluoromethane	5.277	113	55586	50.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	7.888	98	177072	49.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	10.627	95	80371	51.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1934	2.505	ug/l	84
3) Chloromethane	1.518	50	2778	2.954	ug/l	89
4) Vinyl Chloride	1.599	62	3120	2.992	ug/l	96
5) Bromomethane	1.843	94	2734	3.742	ug/l	100
6) Chloroethane	1.923	64	2696	3.568	ug/l	93
7) Trichlorofluoromethane	2.126	101	4854	2.885	ug/l	97
8) Diethyl Ether	2.370	74	1757	2.506	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.570	101	2495	2.507	ug/l	95
10) Methyl Iodide	2.711	142	2231	2.146	ug/l #	88
11) Tert butyl alcohol	3.187	59	7384	17.779	ug/l #	93
12) 1,1-Dichloroethene	2.570	96	2696	2.911	ug/l	81
13) Acrolein	2.483	56	698	11.906	ug/l	88
14) Allyl chloride	2.911	41	6611	2.998	ug/l	94
15) Acrylonitrile	3.306	53	14907	16.756	ug/l	99
16) Acetone	2.621	43	13958	13.432	ug/l	93
17) Carbon Disulfide	2.776	76	7323	3.307	ug/l	95
18) Methyl Acetate	2.943	43	6072	2.271	ug/l	100
19) Methyl tert-butyl Ether	3.364	73	10067	2.520	ug/l	98
20) Methylene Chloride	3.026	84	3926	2.591	ug/l	91
21) trans-1,2-Dichloroethene	3.338	96	3081	3.096	ug/l	85
22) Diisopropyl ether	3.997	45	9498	2.530	ug/l	94
23) Vinyl Acetate	3.952	43	38847	13.335	ug/l	100
24) 1,1-Dichloroethane	3.853	63	5749	2.698	ug/l #	94
25) 2-Butanone	4.721	43	16363	14.027	ug/l	95
26) 2,2-Dichloropropane	4.644	77	4934	2.662	ug/l	89
27) cis-1,2-Dichloroethene	4.653	96	3269	2.489	ug/l	96
28) Bromochloromethane	4.962	49	3170	3.167	ug/l #	99
29) Tetrahydrofuran	5.062	42	11060	15.030	ug/l	94
30) Chloroform	5.081	83	5698	2.533	ug/l	96
31) Cyclohexane	5.367	56	7778	4.541	ug/l #	74
32) 1,1,1-Trichloroethane	5.300	97	5109	2.667	ug/l	95
36) 1,1-Dichloropropene	5.515	75	3859	2.584	ug/l	96
37) Ethyl Acetate	4.830	43	4832	1.998	ug/l #	93
38) Carbon Tetrachloride	5.509	117	3592	2.183	ug/l	96
39) Methylcyclohexane	6.746	83	4348	2.410	ug/l	95
40) Benzene	5.766	78	11788	2.528	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.991	41	2360	2.068	ug/l	89
42) 1,2-Dichloroethane	5.791	62	4697	2.679	ug/l	94
43) Isopropyl Acetate	5.923	43	7981	2.485	ug/l #	90
44) Trichloroethene	6.537	130	2913	2.334	ug/l	72
45) 1,2-Dichloropropane	6.788	63	2919	2.252	ug/l	90
46) Dibromomethane	6.910	93	2253	2.443	ug/l	90
47) Bromodichloromethane	7.097	83	4161	2.169	ug/l	90
48) Methyl methacrylate	6.971	41	3757	2.531	ug/l	90
49) 1,4-Dioxane	6.971	88	1822	55.927	ug/l #	86
51) 4-Methyl-2-Pentanone	7.791	43	30206	12.992	ug/l	96
52) Toluene	7.962	92	7208	2.363	ug/l	98
53) t-1,3-Dichloropropene	8.209	75	3463	2.063	ug/l	93
54) cis-1,3-Dichloropropene	7.608	75	4108	2.186	ug/l #	93
55) 1,1,2-Trichloroethane	8.396	97	3001	2.317	ug/l	94
56) Ethyl methacrylate	8.338	69	4810	2.302	ug/l	95
57) 1,3-Dichloropropane	8.566	76	4978	2.331	ug/l	95
59) 2-Hexanone	8.685	43	22099	12.567	ug/l	98
60) Dibromochloromethane	8.798	129	2988	2.059	ug/l	98
61) 1,2-Dibromoethane	8.920	107	2795	2.198	ug/l	98
64) Tetrachloroethene	8.547	164	2661	2.160	ug/l #	85
65) Chlorobenzene	9.441	112	8457	2.456	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.524	131	2377	2.013	ug/l	81
67) Ethyl Benzene	9.566	91	14960	2.528	ug/l	97
68) m/p-Xylenes	9.692	106	10453	4.629	ug/l	90
69) o-Xylene	10.100	106	5536	2.411	ug/l	92
70) Styrene	10.116	104	7998	2.191	ug/l	97
71) Bromoform	10.283	173	1860	1.807	ug/l #	90
73) Isopropylbenzene	10.479	105	13758	2.423	ug/l	98
74) N-amyl acetate	10.325	43	6312	2.479	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.775	83	5070	2.426	ug/l	99
76) 1,2,3-Trichloropropane	10.817	75	5638	2.550	ug/l #	81
77) Bromobenzene	10.782	156	3561	2.559	ug/l	89
78) n-propylbenzene	10.901	91	17107	2.598	ug/l	98
79) 2-Chlorotoluene	10.984	91	9737	2.358	ug/l	95
80) 1,3,5-Trimethylbenzene	11.084	105	11458	2.308	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.624	75	42888	96.753	ug/l #	12
82) 4-Chlorotoluene	11.094	91	11284	2.407	ug/l	99
83) tert-Butylbenzene	11.412	119	11925	2.504	ug/l	97
84) 1,2,4-Trimethylbenzene	11.463	105	11285	2.314	ug/l	94
85) sec-Butylbenzene	11.637	105	14822	2.359	ug/l	100
86) p-Isopropyltoluene	11.788	119	12403	2.433	ug/l	96
87) 1,3-Dichlorobenzene	11.746	146	6749	2.517	ug/l	99
88) 1,4-Dichlorobenzene	11.833	146	6975	2.551	ug/l	89
89) n-Butylbenzene	12.206	91	12227	2.592	ug/l	95
90) Hexachloroethane	12.466	117	1659	1.946	ug/l	93
91) 1,2-Dichlorobenzene	12.209	146	5989	2.290	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.991	75	1128	2.279	ug/l	86
93) 1,2,4-Trichlorobenzene	13.846	180	3793	2.265	ug/l	93
94) Hexachlorobutadiene	14.013	225	1503	2.100	ug/l	94
95) Naphthalene	14.090	128	16031	2.923	ug/l	97
96) 1,2,3-Trichlorobenzene	14.328	180	4034	2.451	ug/l	98

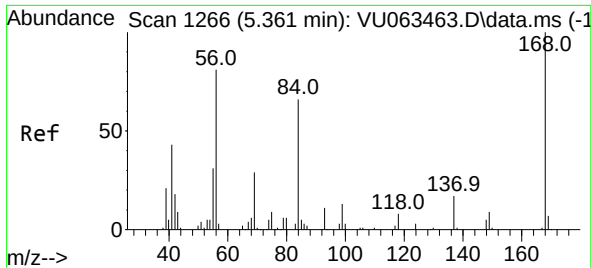
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

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

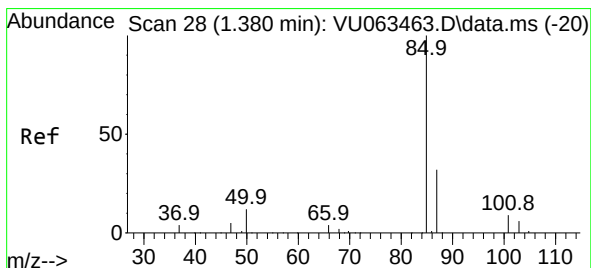
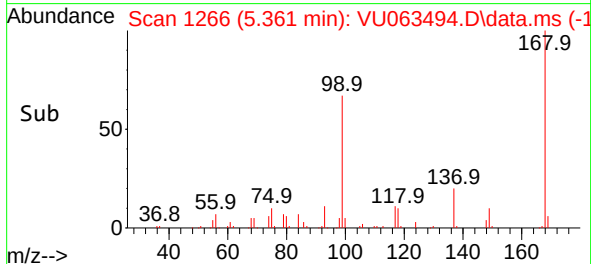
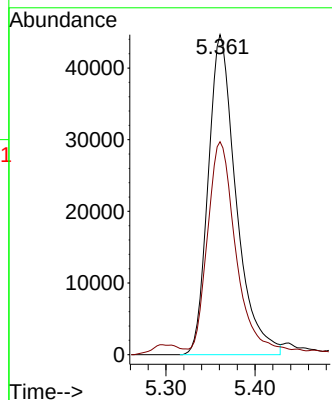
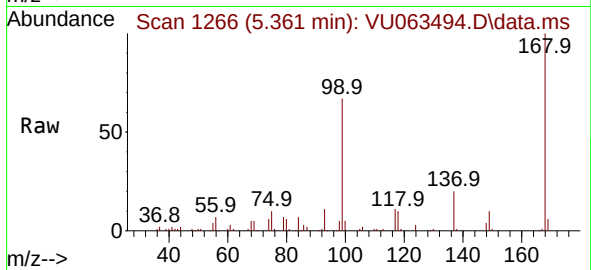
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
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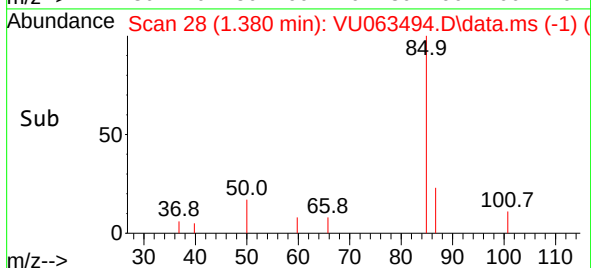
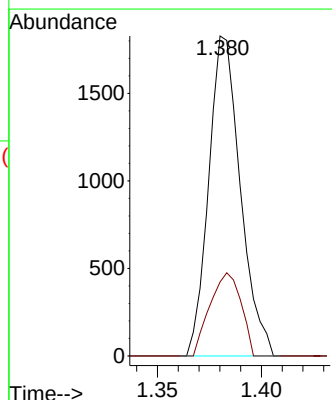
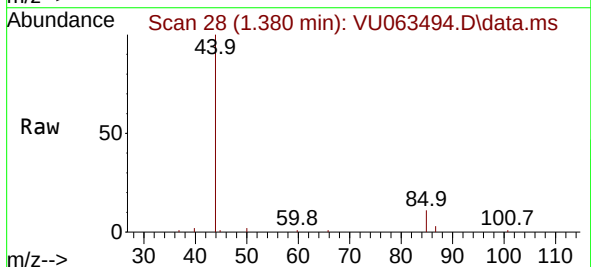
Instrument :
MSVOA_U
ClientSampleId :
MDL04

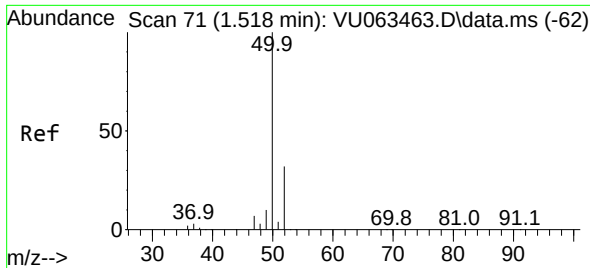
Tgt Ion:168 Resp: 97089
Ion Ratio Lower Upper
168 100
99 64.6 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.505 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 85 Resp: 1934
Ion Ratio Lower Upper
85 100
87 23.1 16.1 48.2

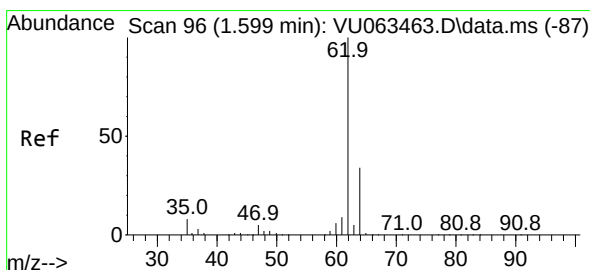
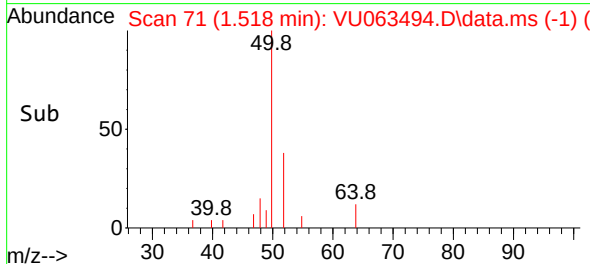
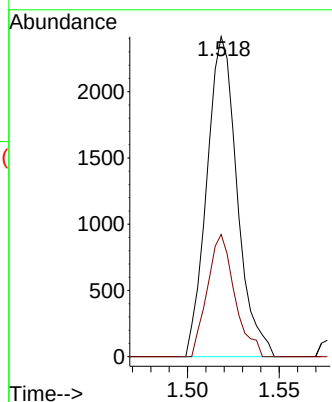
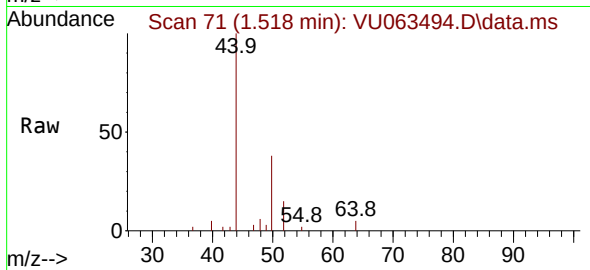




#3
Chloromethane
Concen: 2.954 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

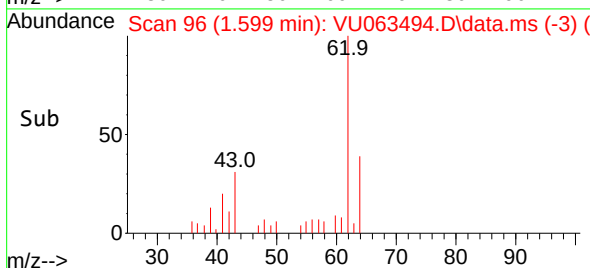
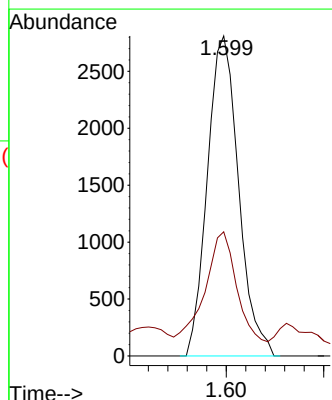
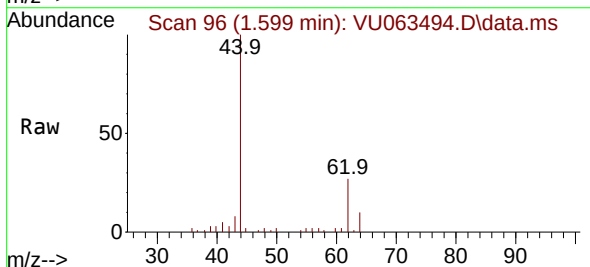
Instrument :
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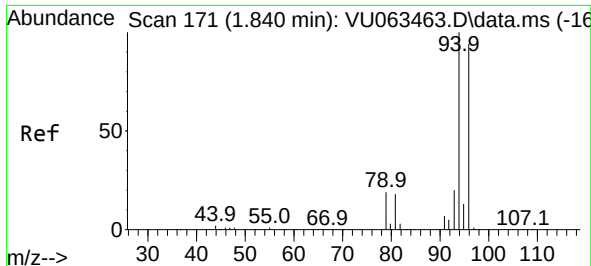
Tgt Ion: 50 Resp: 2778
Ion Ratio Lower Upper
50 100
52 38.2 25.8 38.8



#4
Vinyl Chloride
Concen: 2.992 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 62 Resp: 3120
Ion Ratio Lower Upper
62 100
64 31.5 26.9 40.3

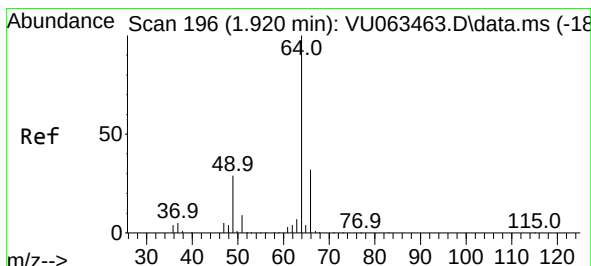
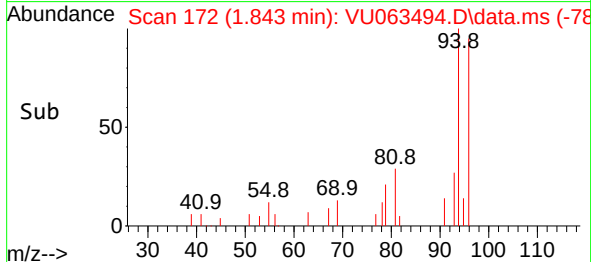
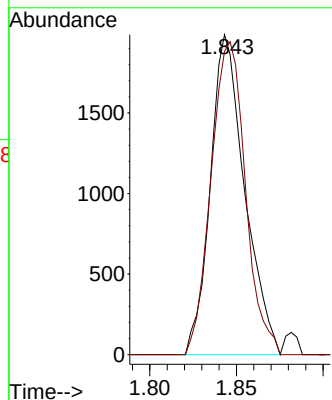
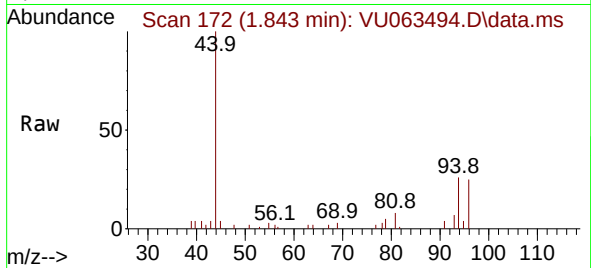




#5
Bromomethane
Concen: 3.742 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

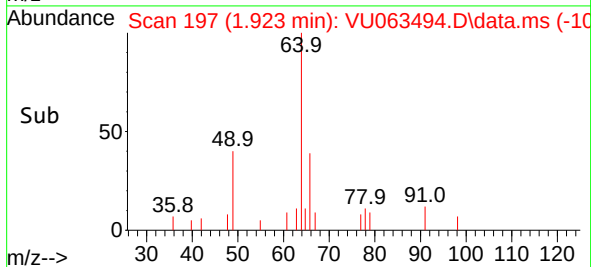
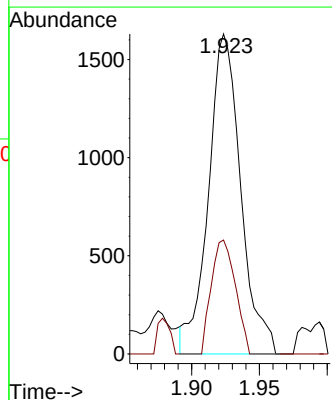
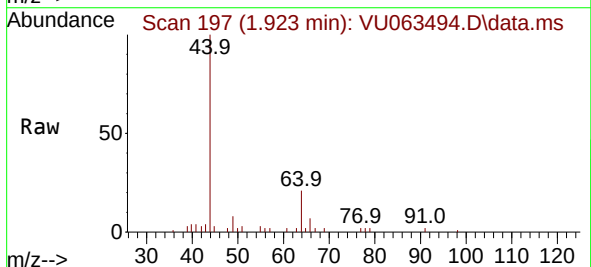
Instrument :
MSVOA_U
ClientSampleId :
MDL04

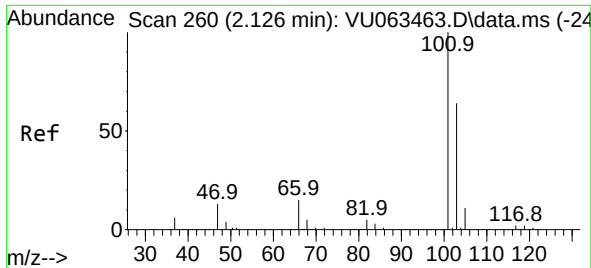
Tgt Ion: 94 Resp: 2734
Ion Ratio Lower Upper
94 100
96 94.9 75.5 113.3



#6
Chloroethane
Concen: 3.568 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 64 Resp: 2696
Ion Ratio Lower Upper
64 100
66 35.6 25.3 37.9

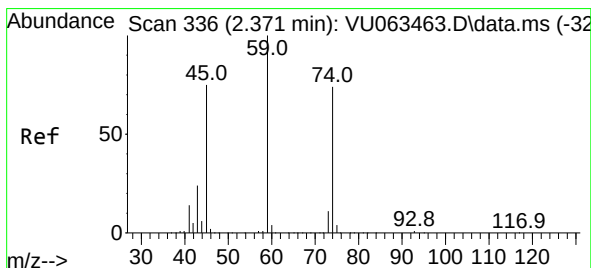
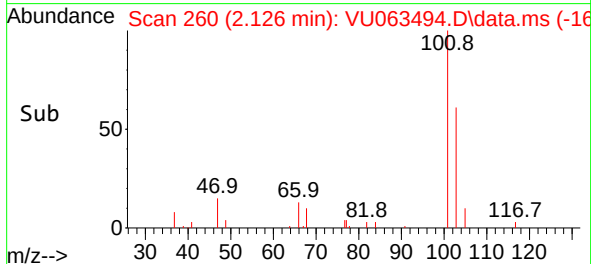
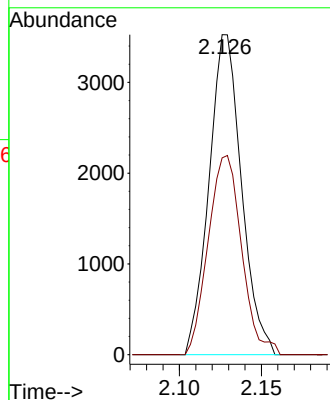
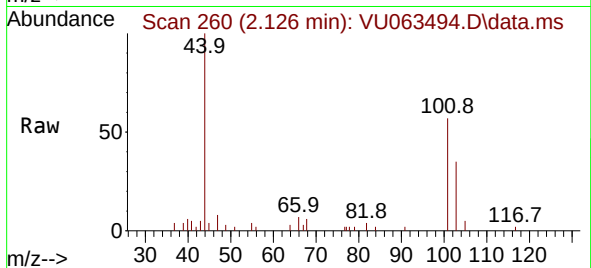




#7
Trichlorofluoromethane
Concen: 2.885 ug/l
RT: 2.126 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU063494.D
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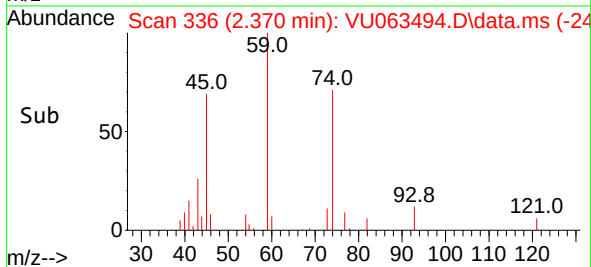
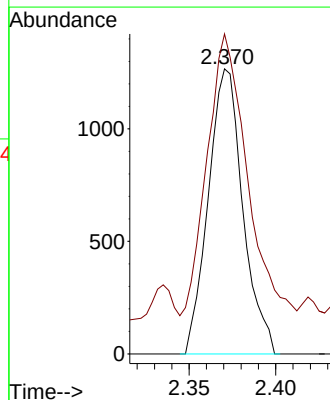
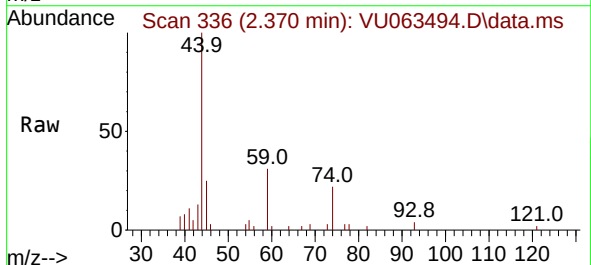
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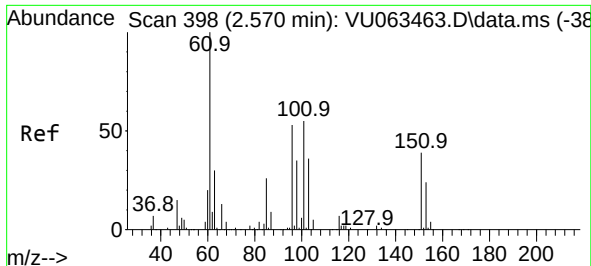
Tgt Ion:101 Resp: 4854
Ion Ratio Lower Upper
101 100
103 61.5 51.1 76.7



#8
Diethyl Ether
Concen: 2.506 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 74 Resp: 1757
Ion Ratio Lower Upper
74 100
45 112.9 49.7 149.1

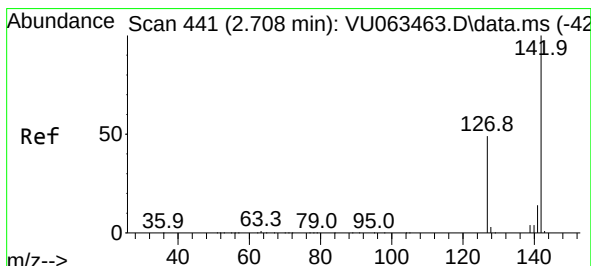
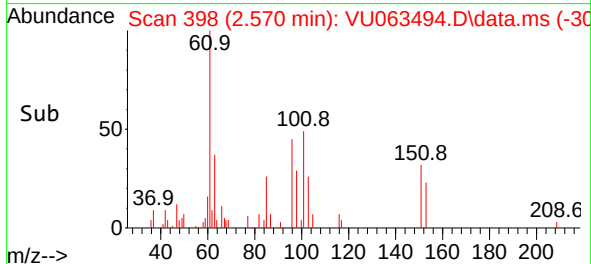
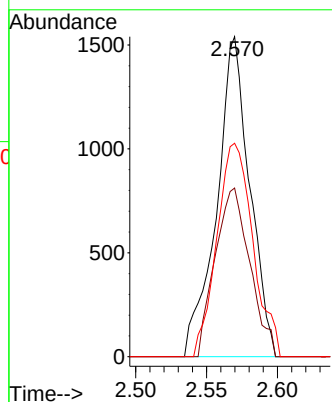
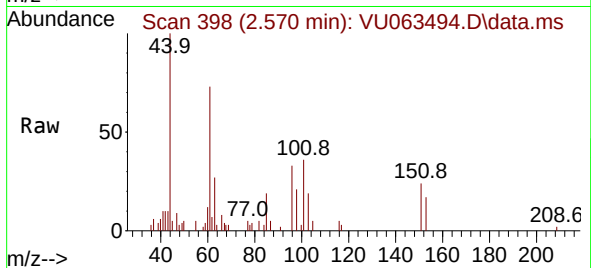




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.507 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063494.D
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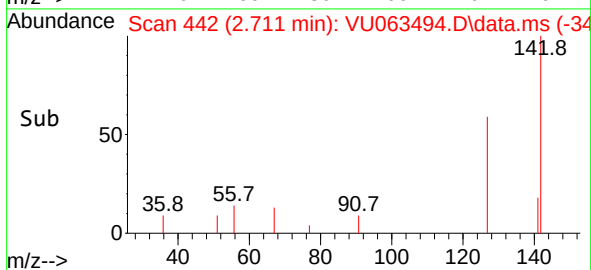
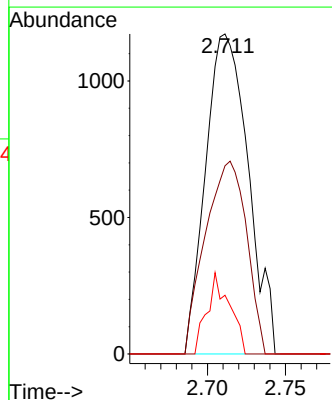
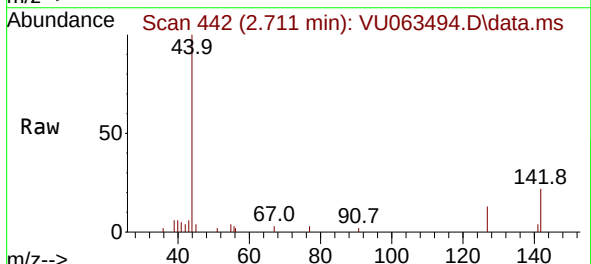
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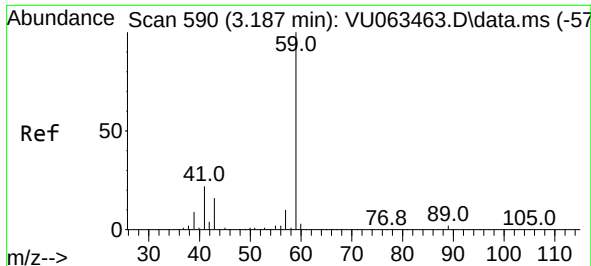
Tgt Ion:101 Resp: 2495
Ion Ratio Lower Upper
101 100
85 55.4 39.6 59.4
151 72.9 57.2 85.8



#10
Methyl Iodide
Concen: 2.146 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:142 Resp: 2231
Ion Ratio Lower Upper
142 100
127 58.1 38.2 57.4#
141 13.4 11.1 16.7

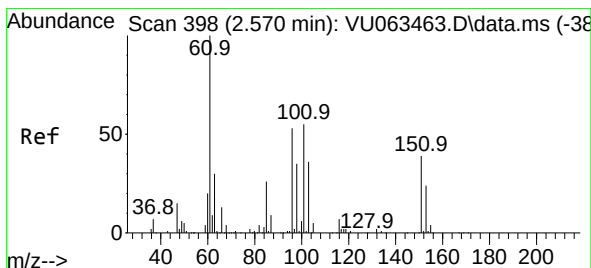
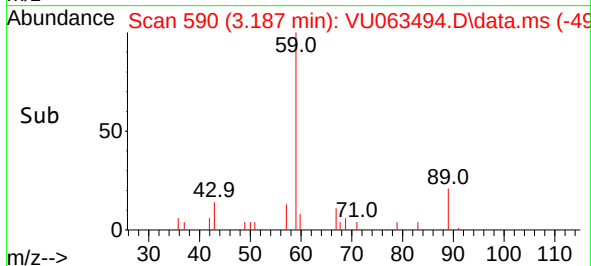
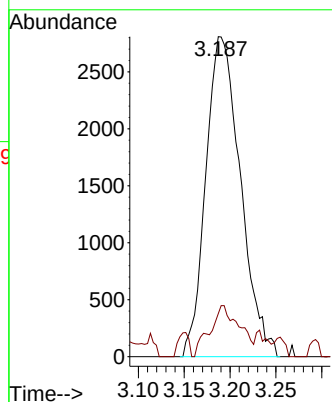
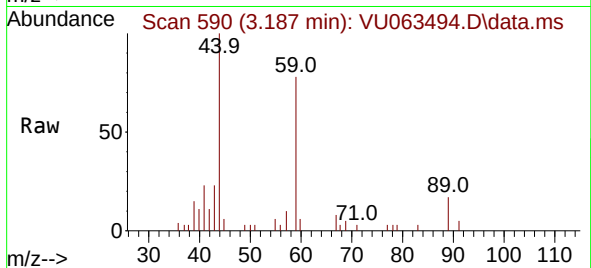




#11
Tert butyl alcohol
Concen: 17.779 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

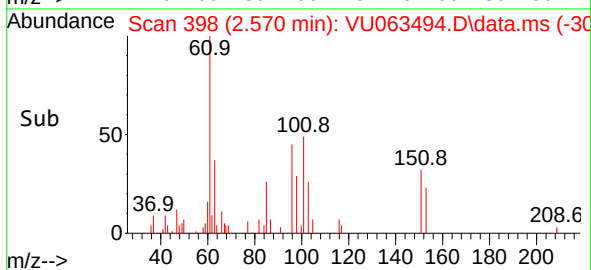
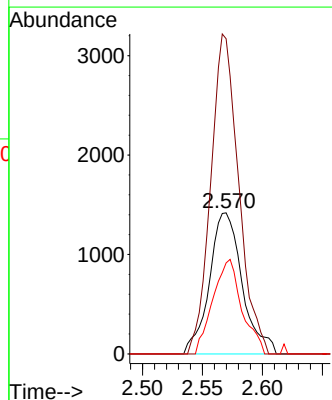
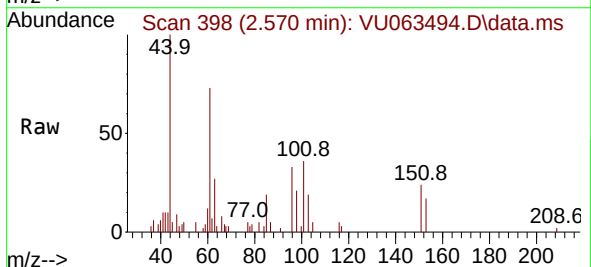
Instrument :
MSVOA_U
ClientSampleId :
MDL04

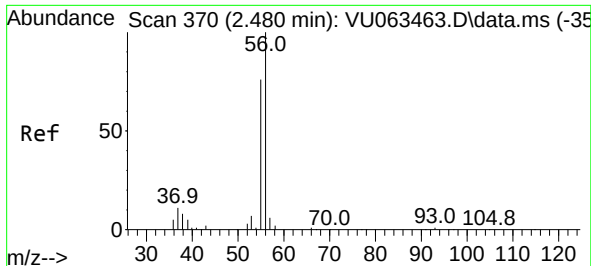
Tgt Ion: 59 Resp: 7384
Ion Ratio Lower Upper
59 100
57 13.7 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 2.911 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 96 Resp: 2696
Ion Ratio Lower Upper
96 100
61 223.4 149.6 224.4
98 64.6 52.0 78.0

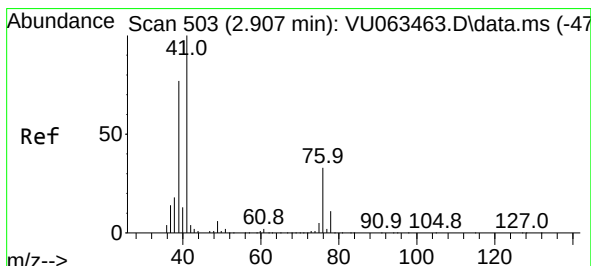
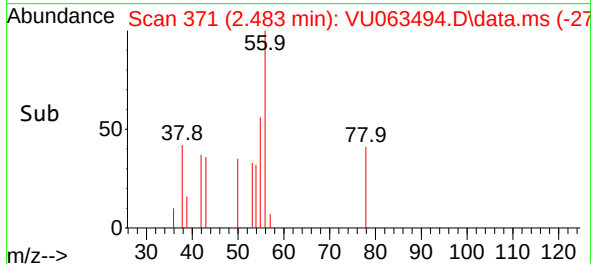
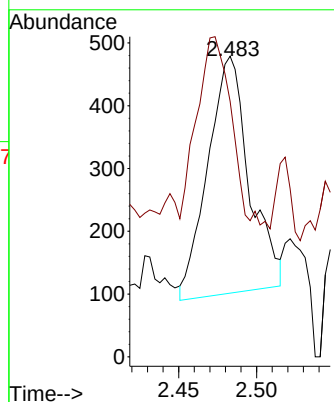
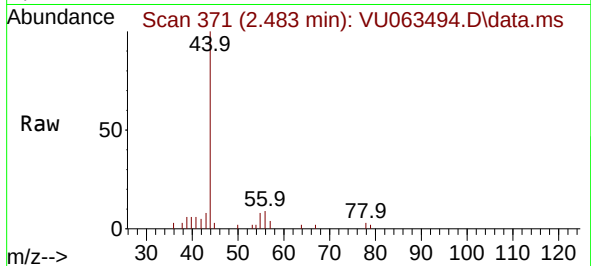




#13
Acrolein
Concen: 11.906 ug/l
RT: 2.483 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

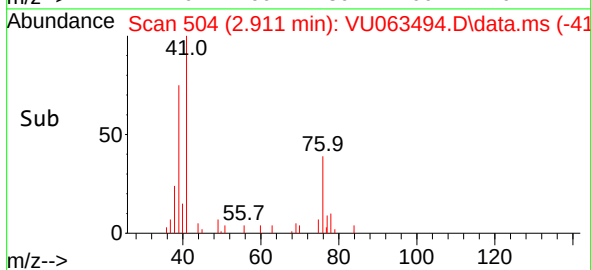
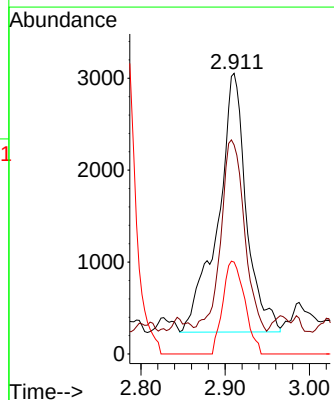
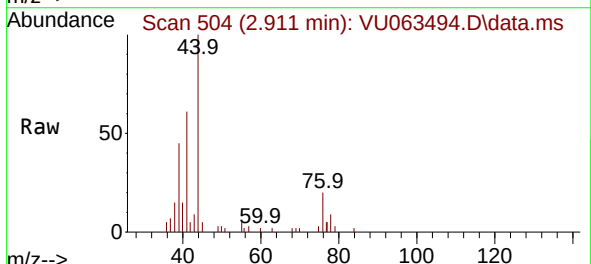
Instrument :
MSVOA_U
ClientSampleId :
MDL04

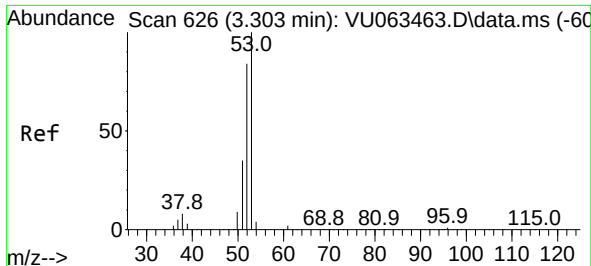
Tgt Ion: 56 Resp: 698
Ion Ratio Lower Upper
56 100
55 64.9 60.2 90.2



#14
Allyl chloride
Concen: 2.998 ug/l
RT: 2.911 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 41 Resp: 6611
Ion Ratio Lower Upper
41 100
39 61.7 53.9 80.9
76 27.4 23.1 34.7

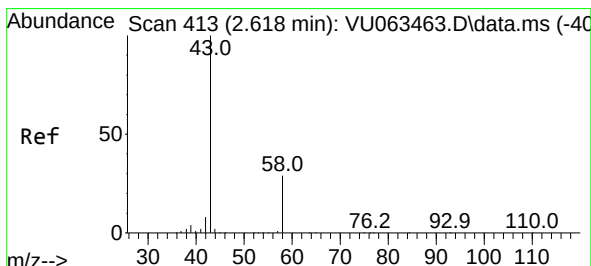
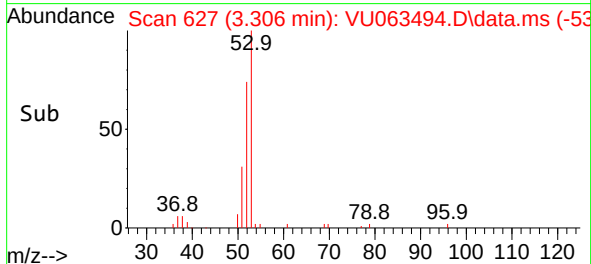
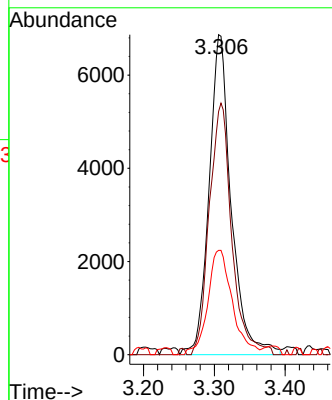
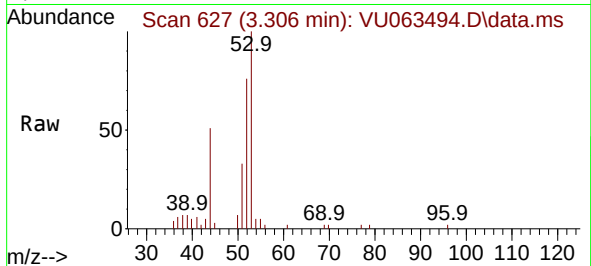




#15
Acrylonitrile
Concen: 16.756 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

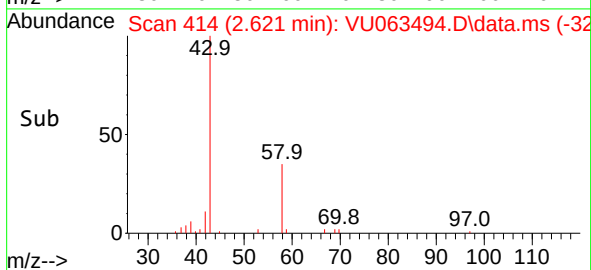
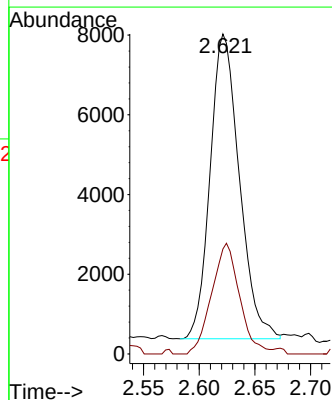
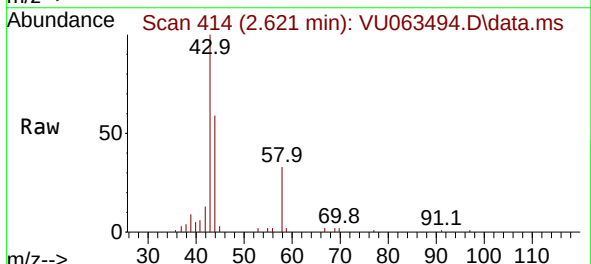
Instrument :
MSVOA_U
ClientSampleId :
MDL04

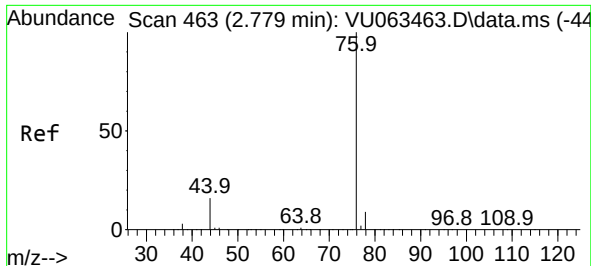
Tgt Ion: 53	Resp: 14907
Ion Ratio	Lower Upper
53 100	
52 79.5	65.0 97.4
51 36.1	28.8 43.2



#16
Acetone
Concen: 13.432 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 43	Resp: 13958
Ion Ratio	Lower Upper
43 100	
58 32.7	23.1 34.7

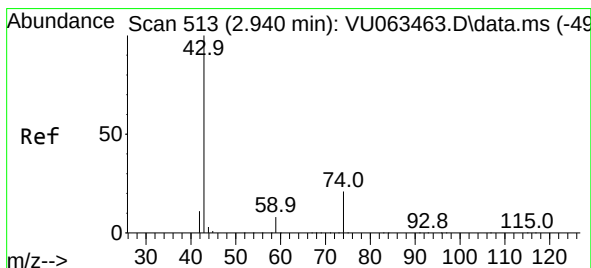
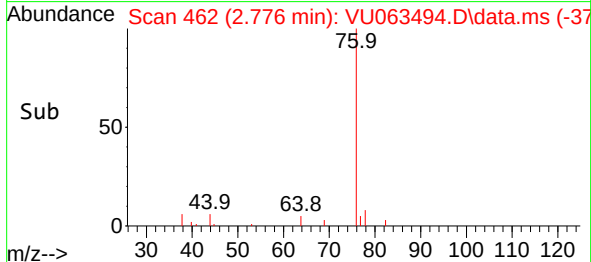
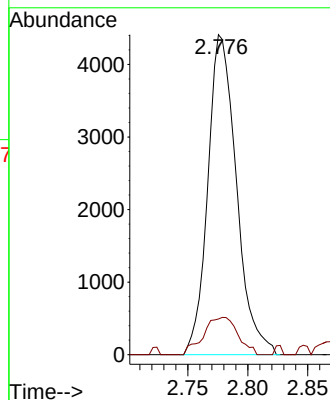
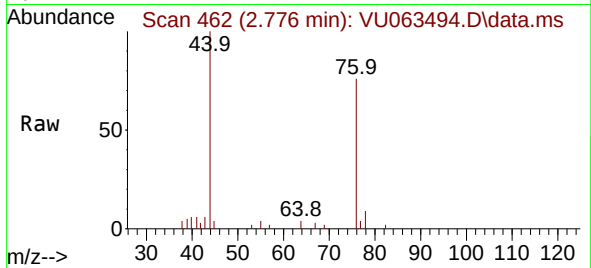




#17
Carbon Disulfide
Concen: 3.307 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

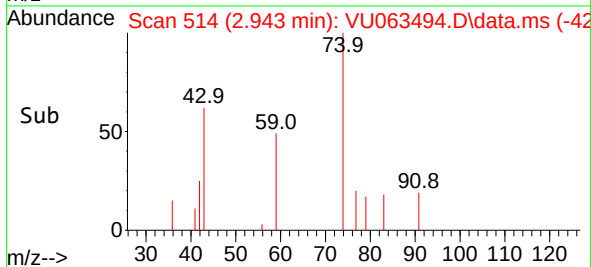
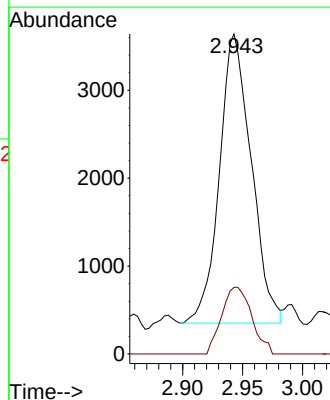
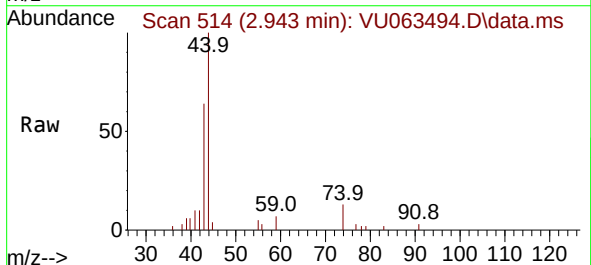
Instrument :
MSVOA_U
ClientSampleId :
MDL04

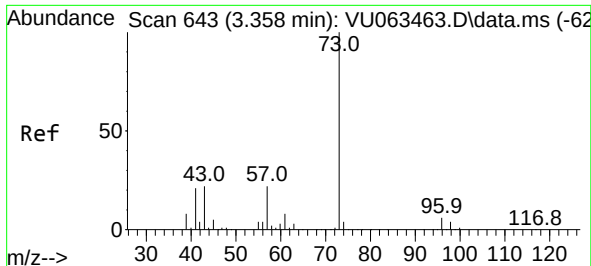
Tgt Ion: 76 Resp: 7323
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3



#18
Methyl Acetate
Concen: 2.271 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 43 Resp: 6072
Ion Ratio Lower Upper
43 100
74 21.7 17.3 25.9

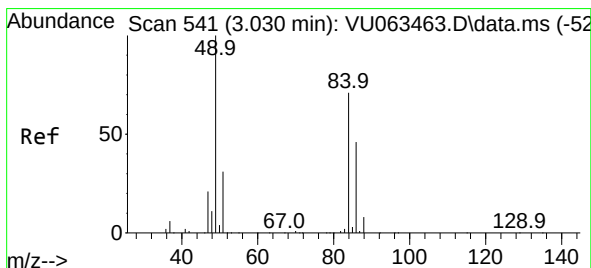
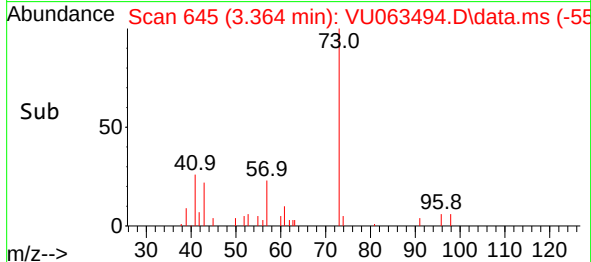
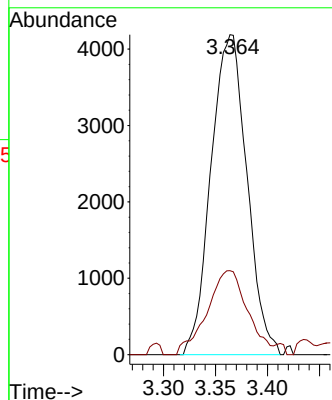
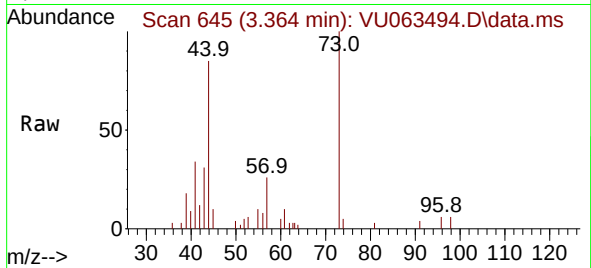




#19
Methyl tert-butyl Ether
Concen: 2.520 ug/l
RT: 3.364 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

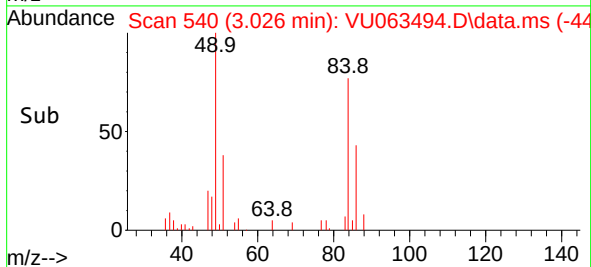
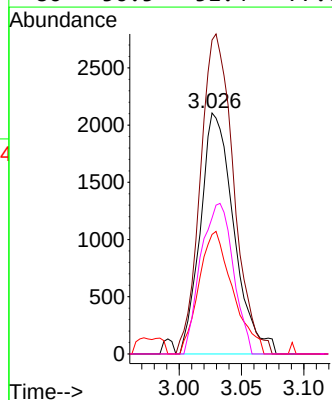
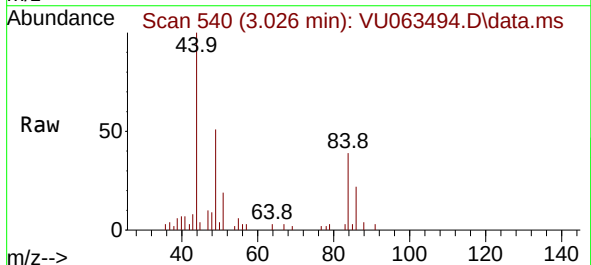
Instrument :
MSVOA_U
ClientSampleId :
MDL04

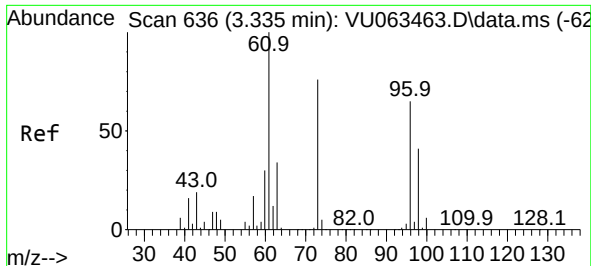
Tgt Ion: 73 Resp: 10067
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.6



#20
Methylene Chloride
Concen: 2.591 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 84 Resp: 3926
Ion Ratio Lower Upper
84 100
49 130.3 112.1 168.1
51 49.6 34.4 51.6
86 56.5 51.4 77.0

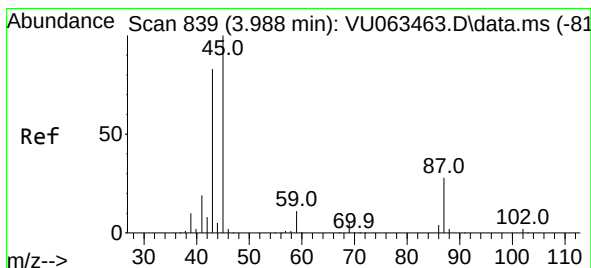
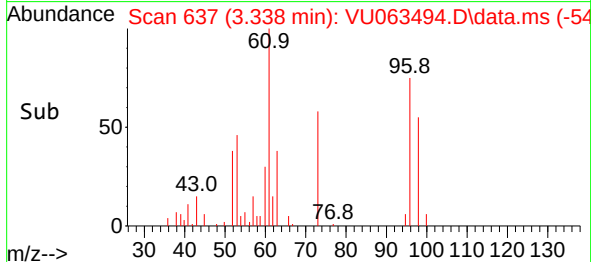
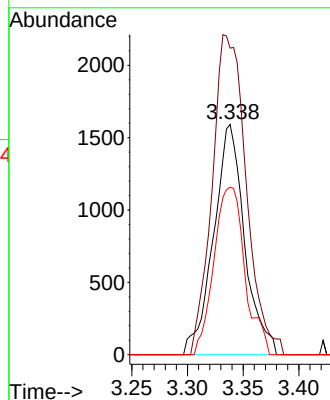
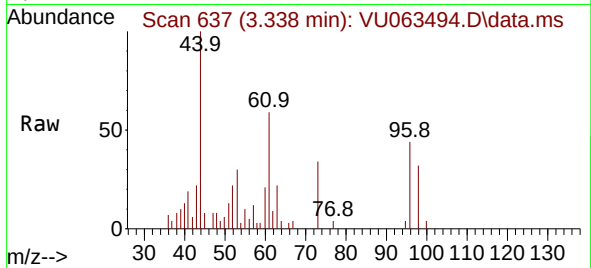




#21
trans-1,2-Dichloroethene
Concen: 3.096 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

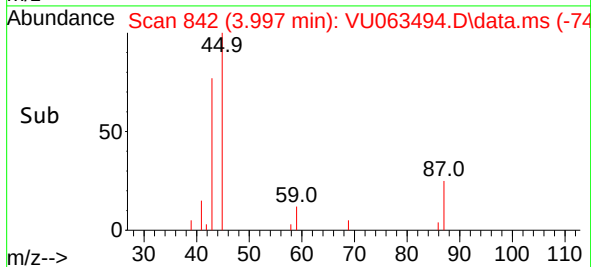
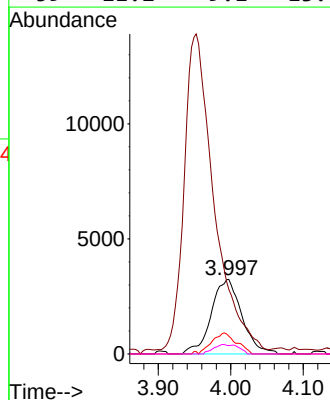
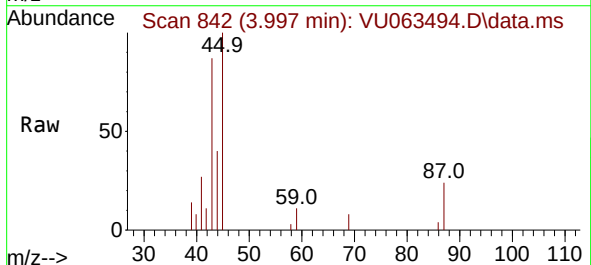
Instrument :
MSVOA_U
ClientSampleId :
MDL04

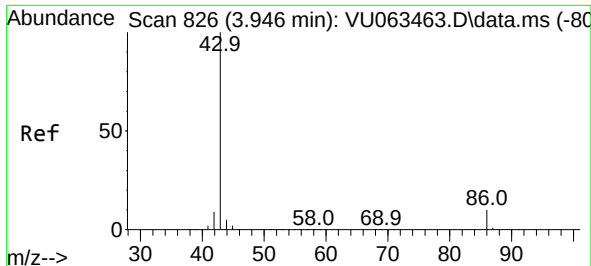
Tgt Ion: 96 Resp: 3081
Ion Ratio Lower Upper
96 100
61 133.1 122.2 183.4
98 72.7 49.9 74.9



#22
Diisopropyl ether
Concen: 2.530 ug/l
RT: 3.997 min Scan# 842
Delta R.T. 0.010 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 45 Resp: 9498
Ion Ratio Lower Upper
45 100
43 78.4 66.5 99.7
87 23.8 22.6 33.8
59 11.2 9.1 13.7

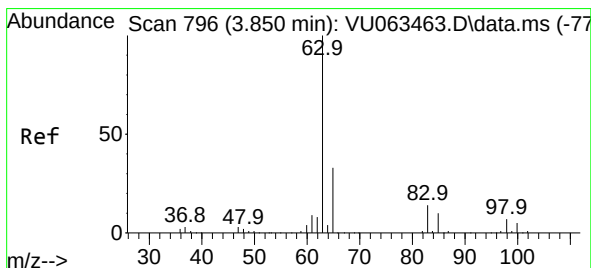
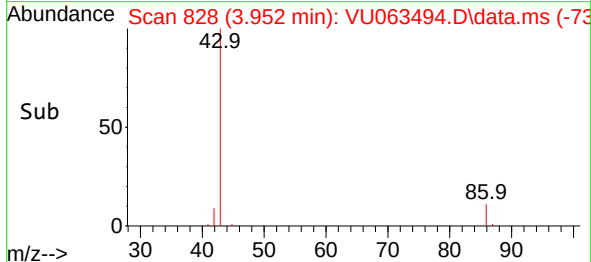
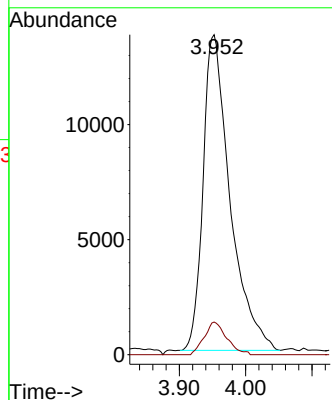
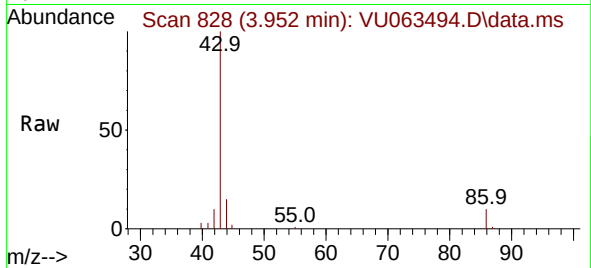




#23
 Vinyl Acetate
 Concen: 13.335 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

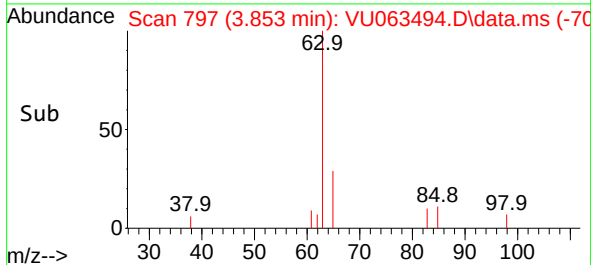
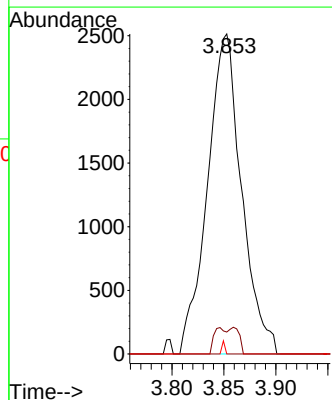
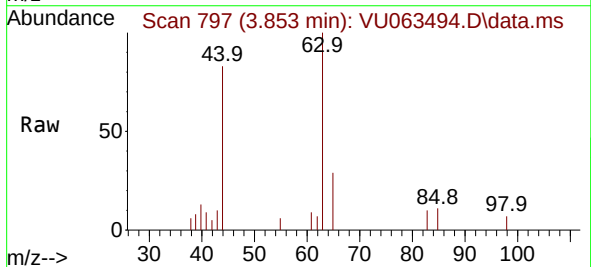
Instrument :
 MSVOA_U
 ClientSampleId :
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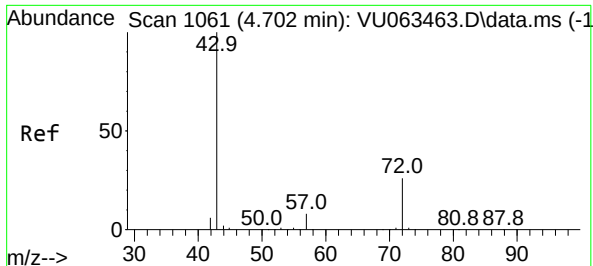
Tgt Ion: 43 Resp: 38847
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.698 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

Tgt Ion: 63 Resp: 5749
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 0.0 2.3 6.8#

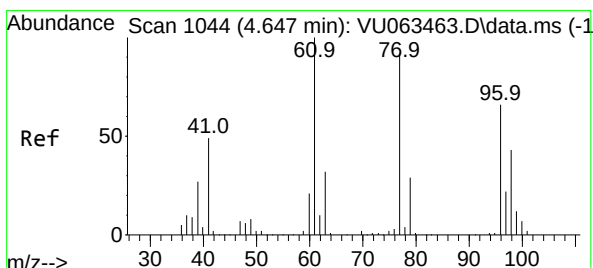
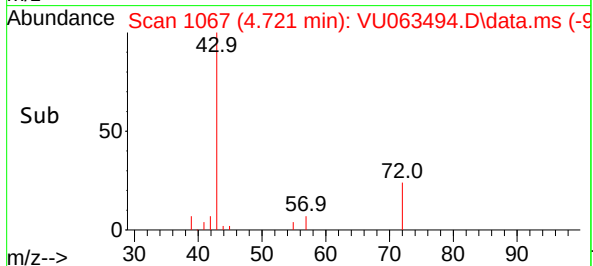
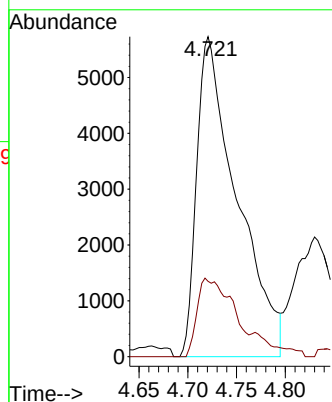
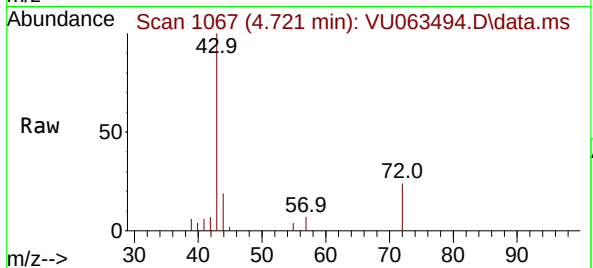




#25
2-Butanone
Concen: 14.027 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

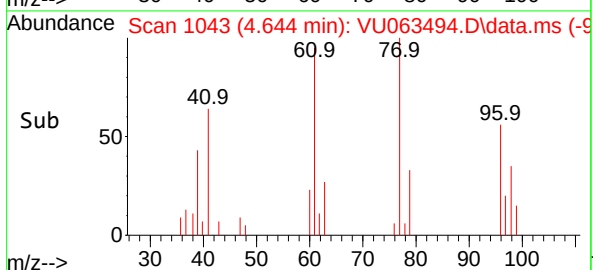
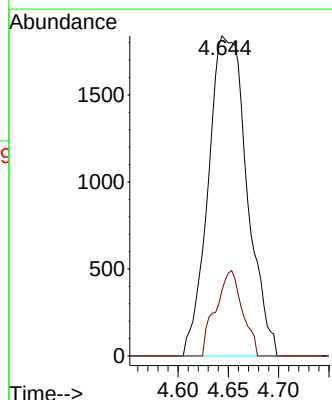
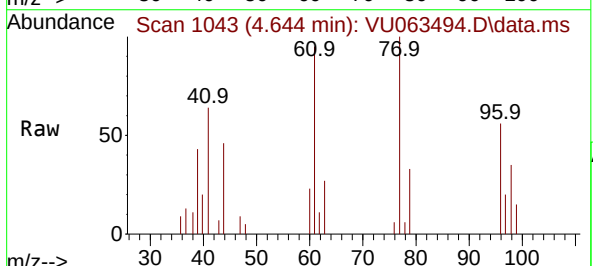
Instrument :
MSVOA_U
ClientSampleId :
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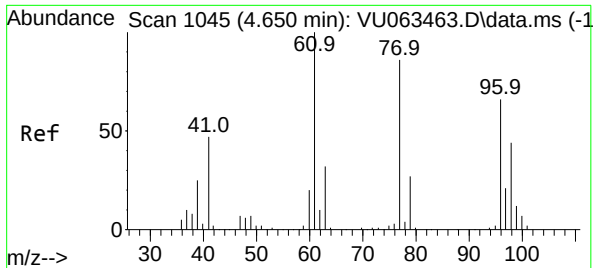
Tgt Ion: 43 Resp: 16363
Ion Ratio Lower Upper
43 100
72 23.6 20.7 31.1



#26
2,2-Dichloropropane
Concen: 2.662 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 77 Resp: 4934
Ion Ratio Lower Upper
77 100
97 18.3 11.8 35.3

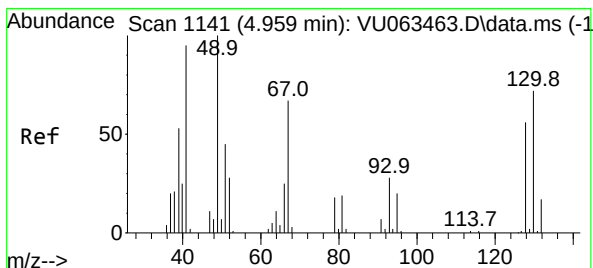
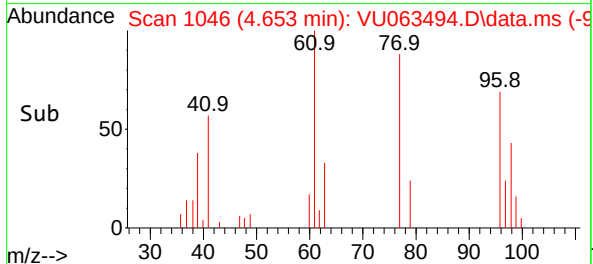
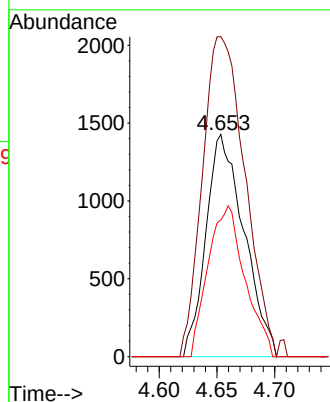
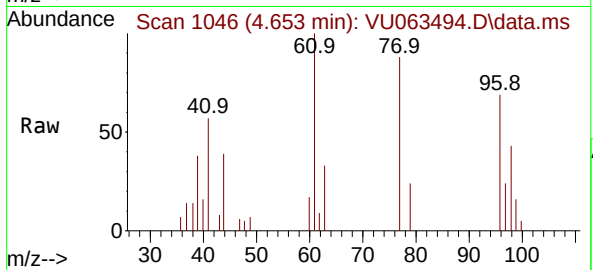




#27
 cis-1,2-Dichloroethene
 Concen: 2.489 ug/l
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

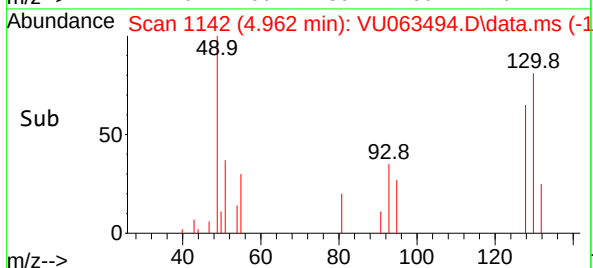
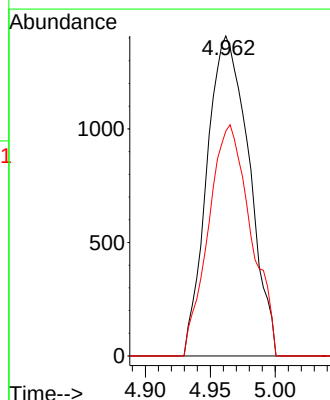
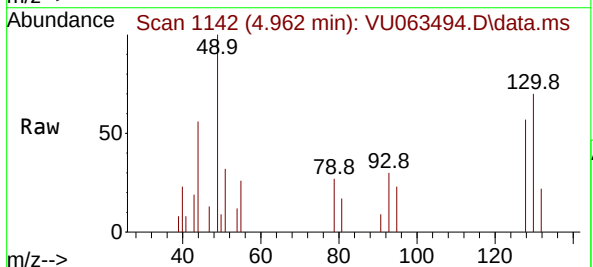
Instrument :
 MSVOA_U
 ClientSampleId :
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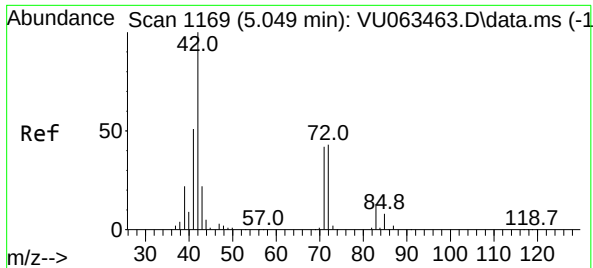
Tgt Ion: 96 Resp: 3269
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 307.2
 98 65.6 0.0 133.0



#28
 Bromochloromethane
 Concen: 3.167 ug/l
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

Tgt Ion: 49 Resp: 3170
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 72.9 59.0 88.4

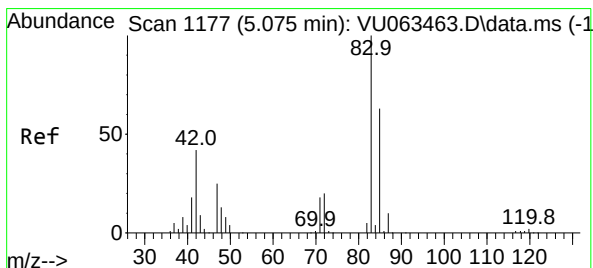
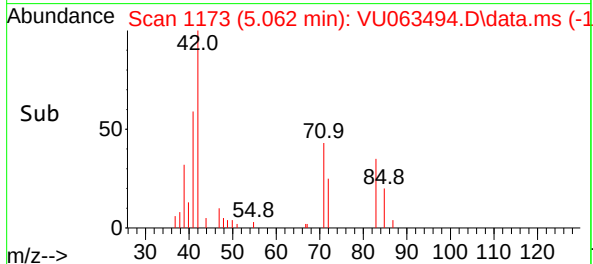
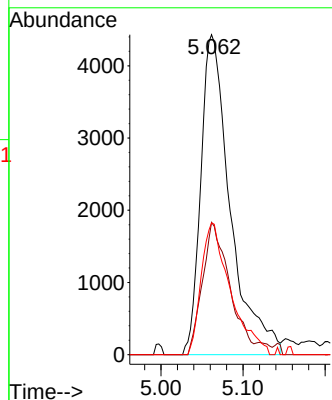
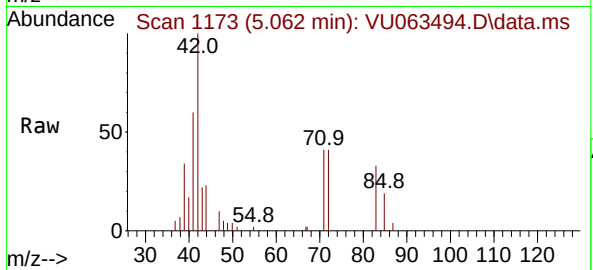




#29
Tetrahydrofuran
Concen: 15.030 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

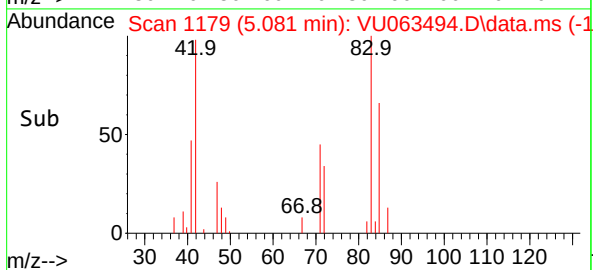
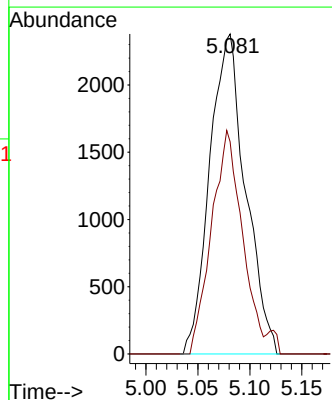
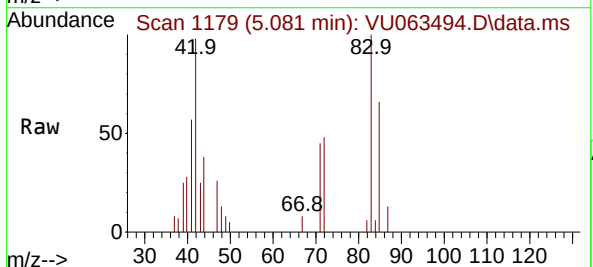
Instrument :
MSVOA_U
ClientSampleId :
MDL04

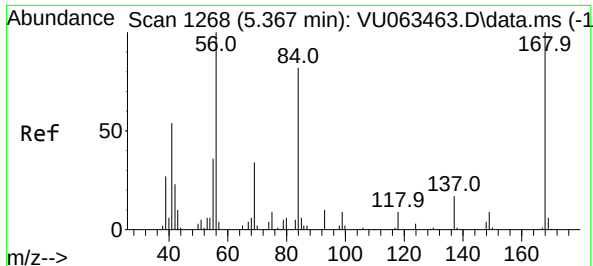
Tgt Ion:	42	Resp:	11060
Ion	Ratio	Lower	Upper
42	100		
72	37.9	36.2	54.4
71	40.8	33.3	49.9



#30
Chloroform
Concen: 2.533 ug/l
RT: 5.081 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:	83	Resp:	5698
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.7	76.1

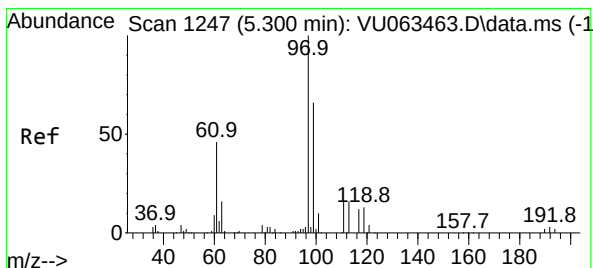
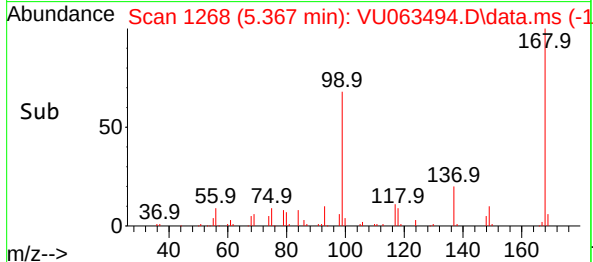
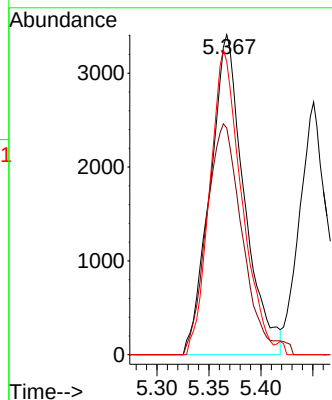
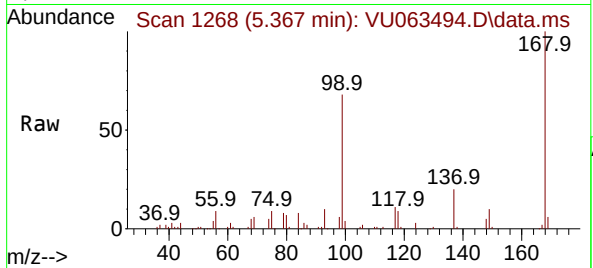




#31
Cyclohexane
Concen: 4.541 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

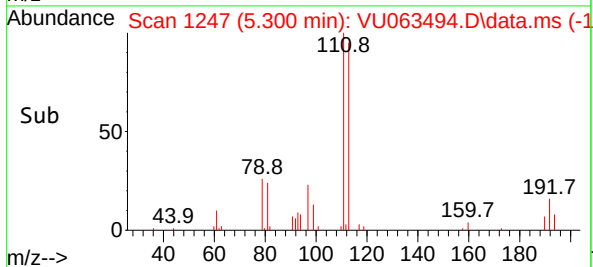
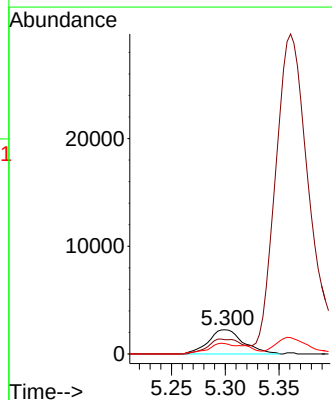
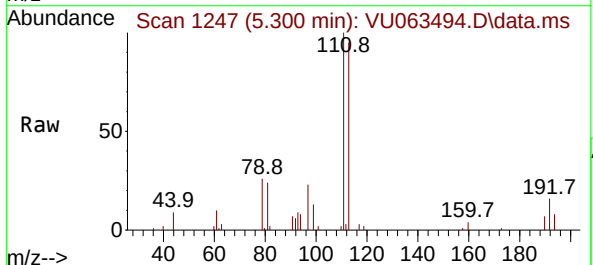
Instrument :
MSVOA_U
ClientSampleId :
MDL04

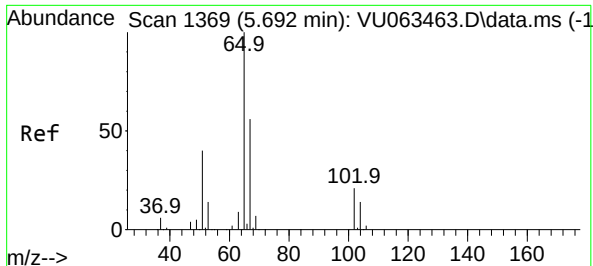
Tgt Ion: 56 Resp: 7778
Ion Ratio Lower Upper
56 100
69 70.8 27.0 40.4#
84 91.6 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.667 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 97 Resp: 5109
Ion Ratio Lower Upper
97 100
99 59.5 50.4 75.6
61 48.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 58.456 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

Instrument :

MSVOA_U

ClientSampleId :

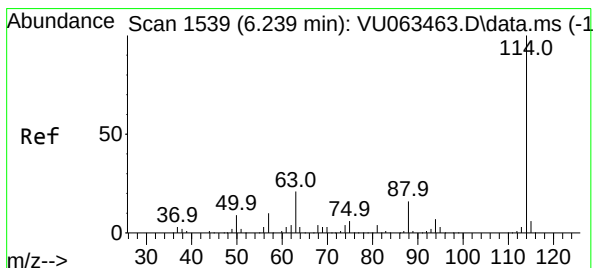
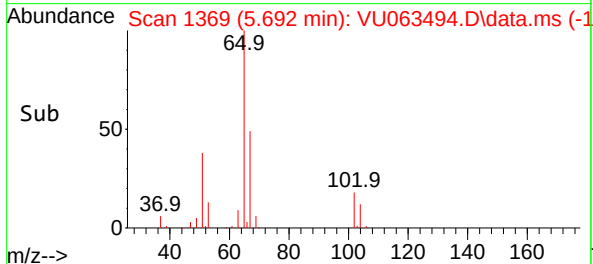
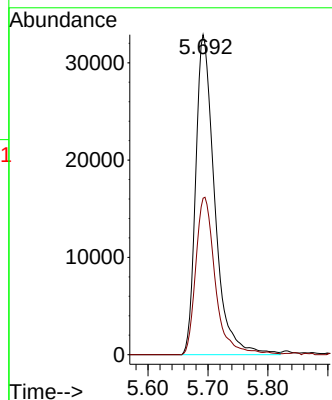
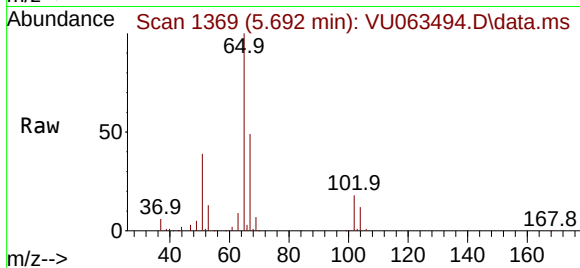
MDL04

Tgt Ion: 65 Resp: 72412

Ion Ratio Lower Upper

65 100

67 50.5 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.242 min Scan# 1540

Delta R.T. 0.003 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

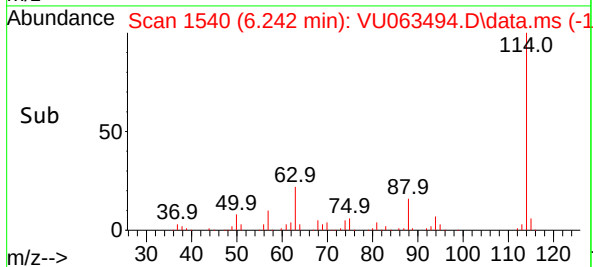
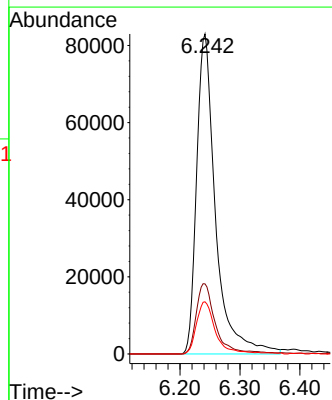
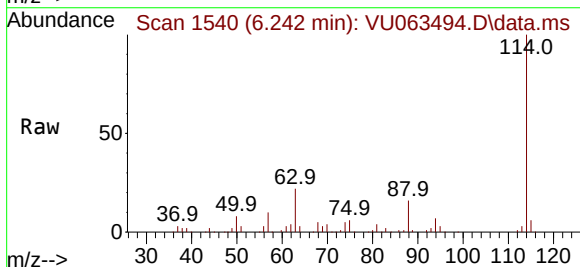
Tgt Ion: 114 Resp: 182312

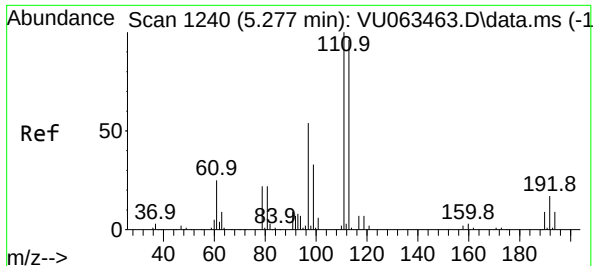
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.6

88 16.3 0.0 32.0

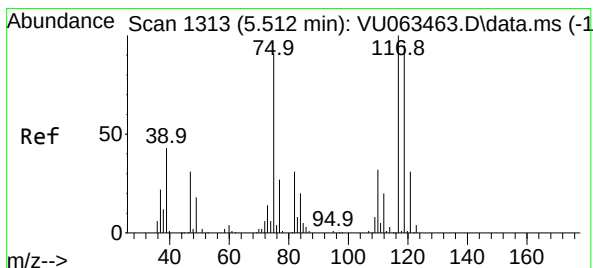
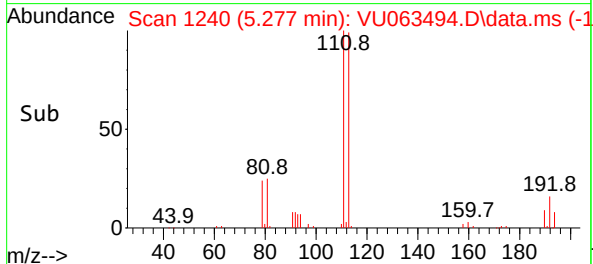
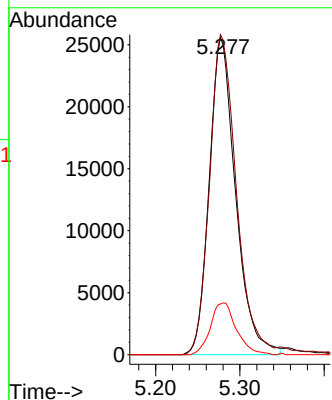
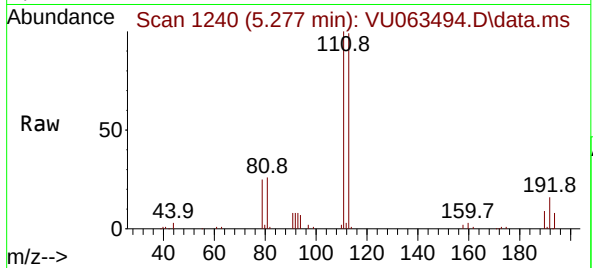




#35
Dibromofluoromethane
Concen: 50.581 ug/l
RT: 5.277 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

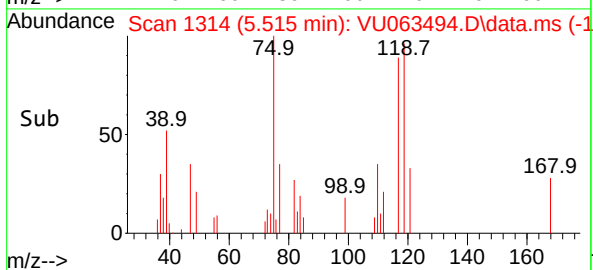
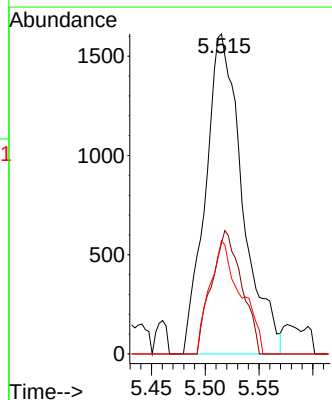
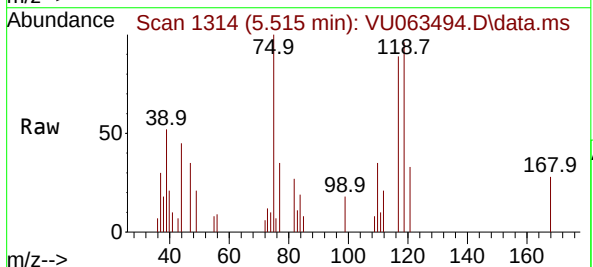
Instrument :
MSVOA_U
ClientSampleId :
MDL04

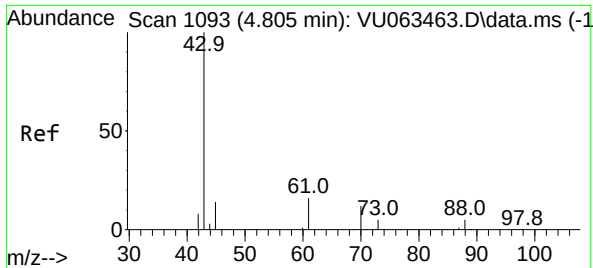
Tgt Ion:113 Resp: 55586
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 16.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 2.584 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 75 Resp: 3859
Ion Ratio Lower Upper
75 100
110 31.2 17.3 52.0
77 29.5 23.9 35.9





#37

Ethyl Acetate

Concen: 1.998 ug/l

RT: 4.830 min Scan# 1101

Delta R.T. 0.026 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL04

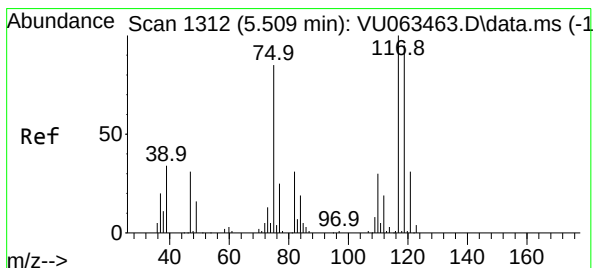
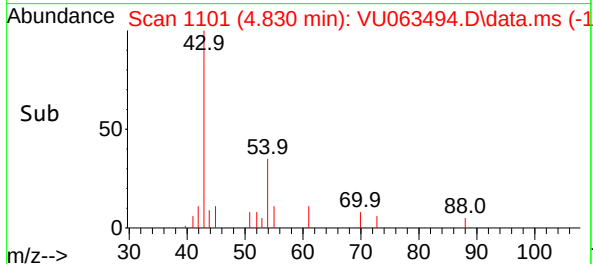
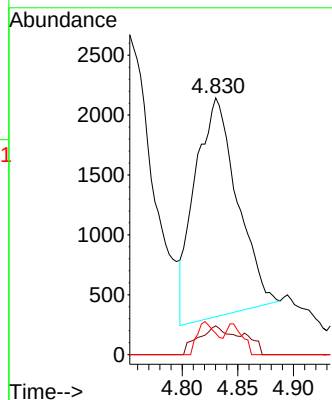
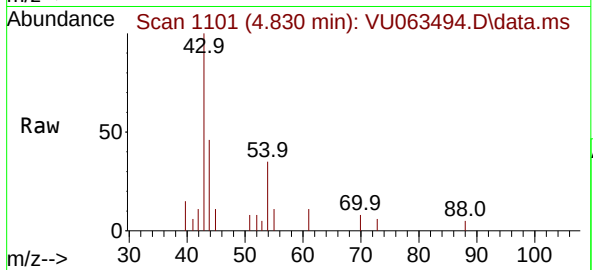
Tgt Ion: 43 Resp: 4832

Ion Ratio Lower Upper

43 100

61 10.7 10.4 15.6

70 7.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.183 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

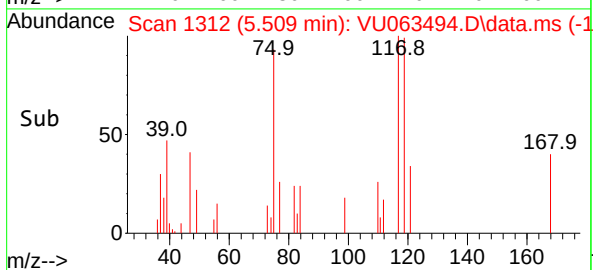
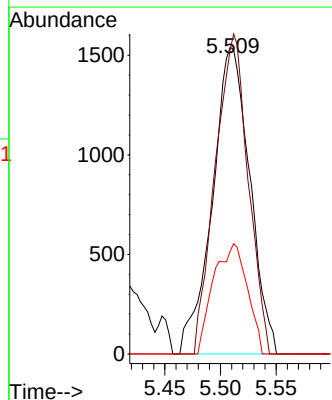
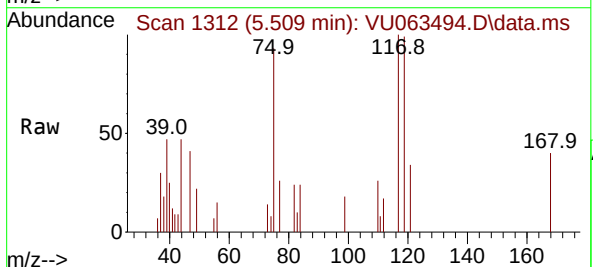
Tgt Ion: 117 Resp: 3592

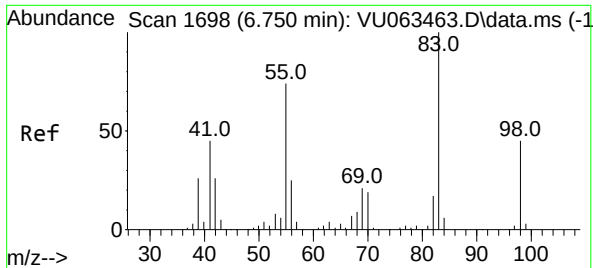
Ion Ratio Lower Upper

117 100

119 99.1 76.1 114.1

121 33.5 25.0 37.4

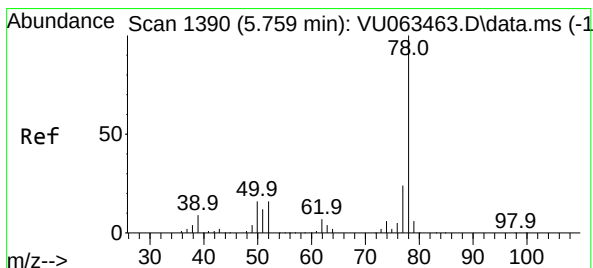
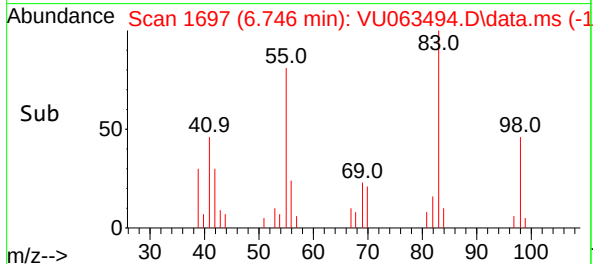
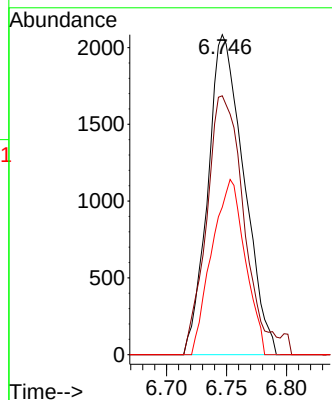
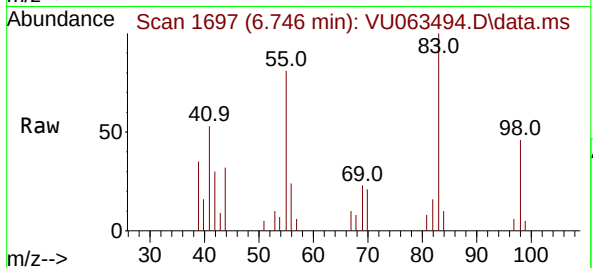




#39
Methylcyclohexane
Concen: 2.410 ug/l
RT: 6.746 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

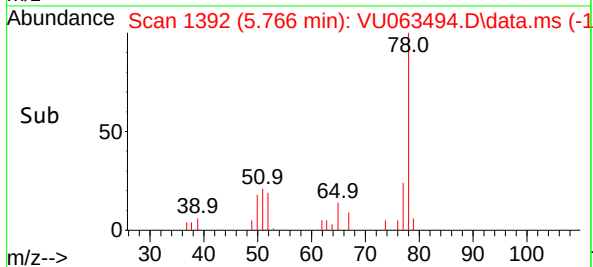
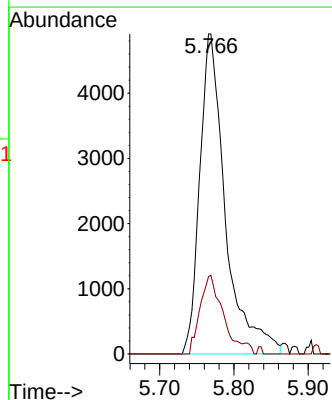
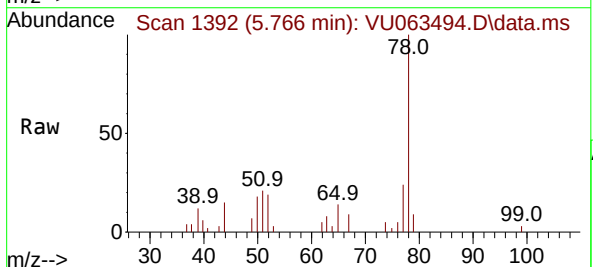
Instrument :
MSVOA_U
ClientSampleId :
MDL04

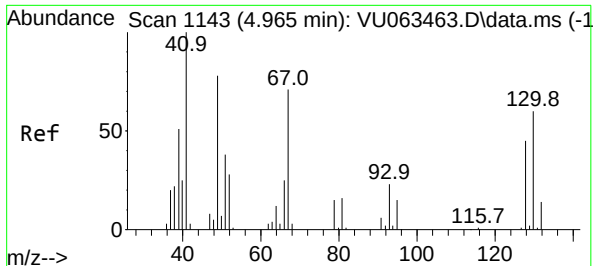
Tgt Ion: 83	Resp: 4348
Ion Ratio	Lower Upper
83 100	
55 80.9	59.4 89.2
98 46.1	36.2 54.4



#40
Benzene
Concen: 2.528 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 78	Resp: 11788
Ion Ratio	Lower Upper
78 100	
77 24.2	19.0 28.4

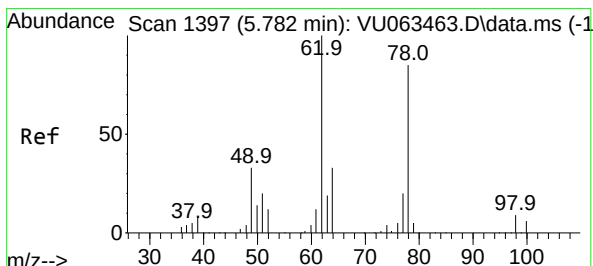
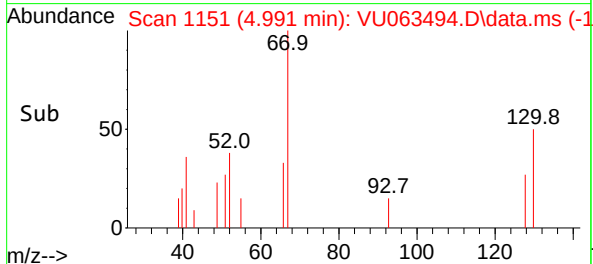
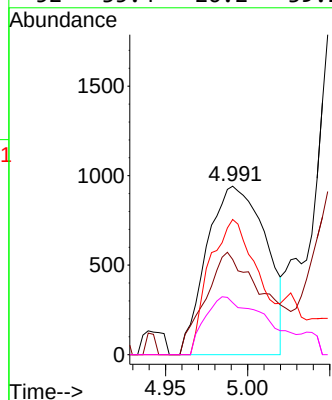
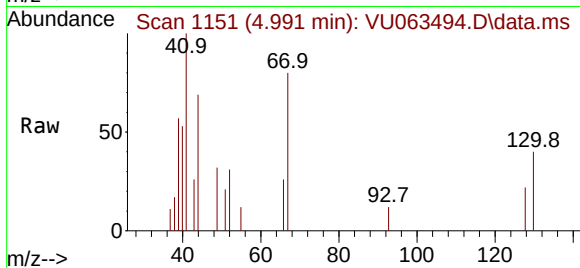




#41
Methacrylonitrile
Concen: 2.068 ug/l
RT: 4.991 min Scan# 1143
Delta R.T. 0.026 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

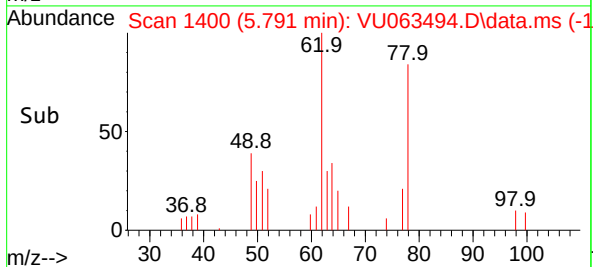
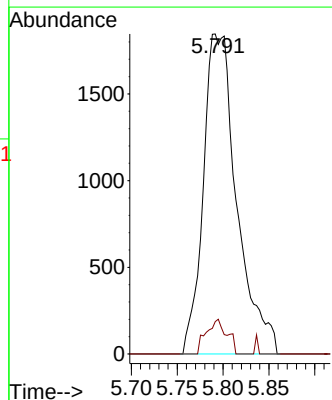
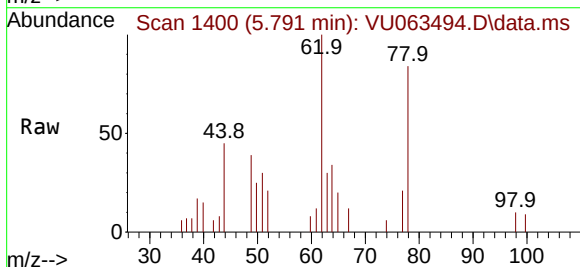
Instrument :
MSVOA_U
ClientSampleId :
MDL04

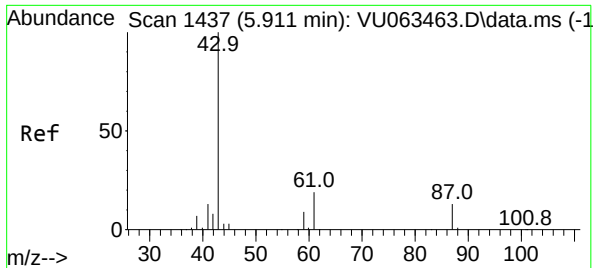
Tgt Ion: 41	Resp: 2360
Ion Ratio	Lower Upper
41 100	
39 61.0	43.6 65.4
67 65.6	62.8 94.2
52 35.4	26.2 39.2



#42
1,2-Dichloroethane
Concen: 2.679 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 62	Resp: 4697
Ion Ratio	Lower Upper
62 100	
98 6.7	0.0 17.6

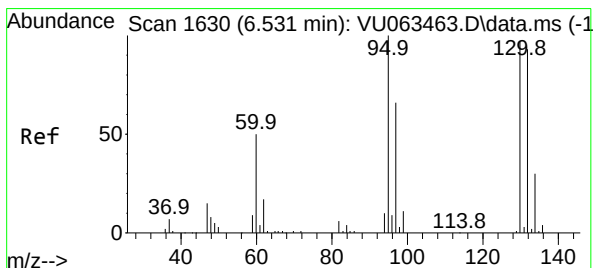
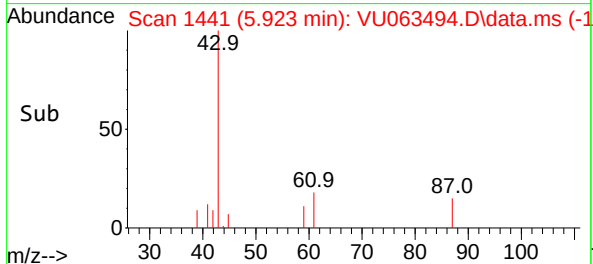
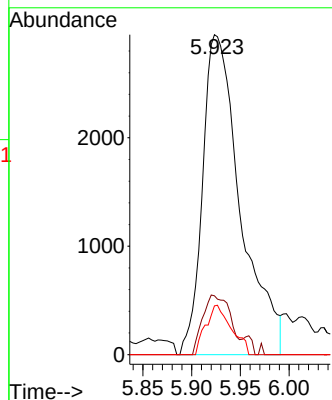
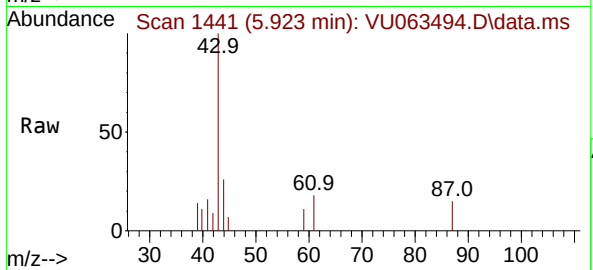




#43
Isopropyl Acetate
Concen: 2.485 ug/l
RT: 5.923 min Scan# 1437
Delta R.T. 0.013 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

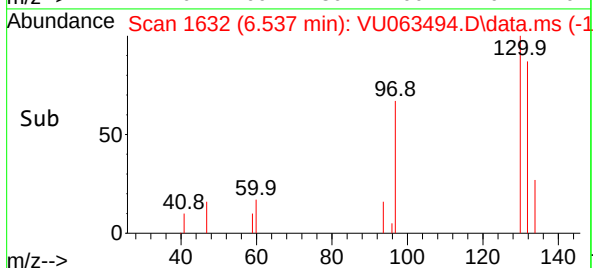
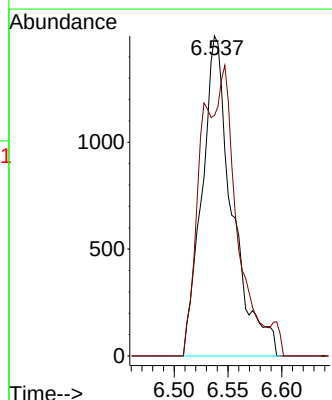
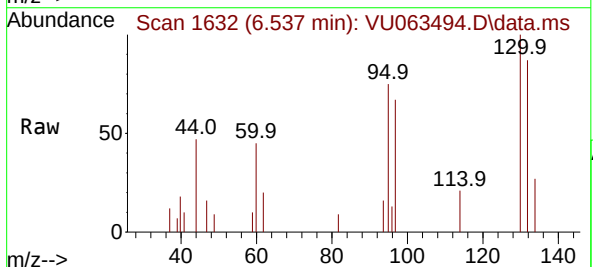
Instrument : MSVOA_U
ClientSampleId : MDL04

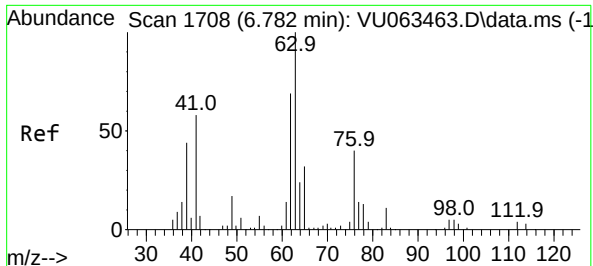
Tgt Ion: 43 Resp: 7981
Ion Ratio Lower Upper
43 100
61 13.5 15.4 23.2#
87 10.4 10.5 15.7#



#44
Trichloroethene
Concen: 2.334 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:130 Resp: 2913
Ion Ratio Lower Upper
130 100
95 75.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.252 ug/l

RT: 6.788 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

Instrument :

MSVOA_U

ClientSampleId :

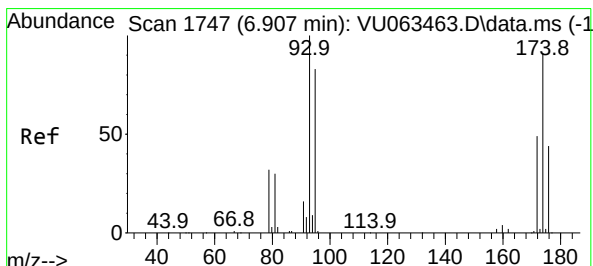
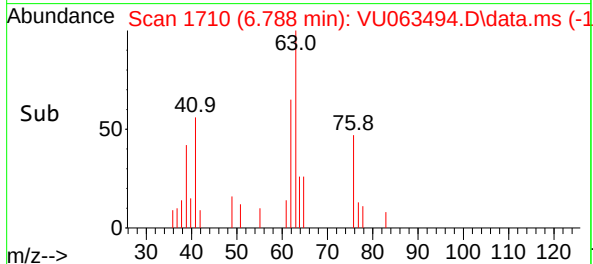
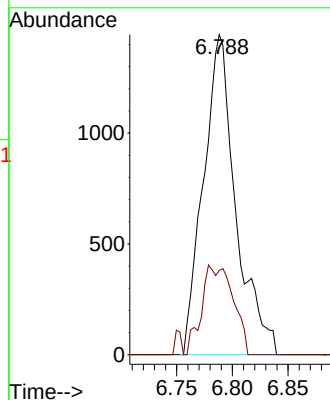
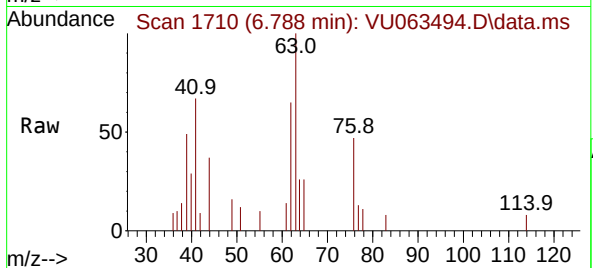
MDL04

Tgt Ion: 63 Resp: 2919

Ion Ratio Lower Upper

63 100

65 26.3 25.3 37.9



#46

Dibromomethane

Concen: 2.443 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

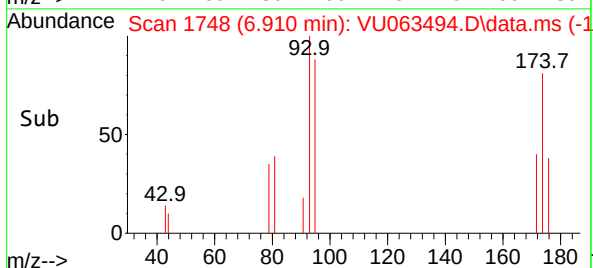
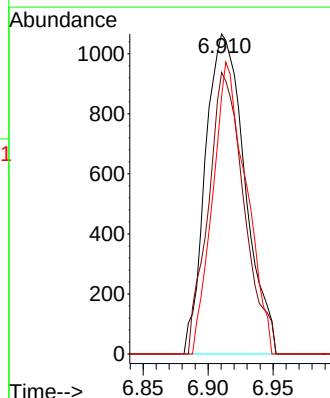
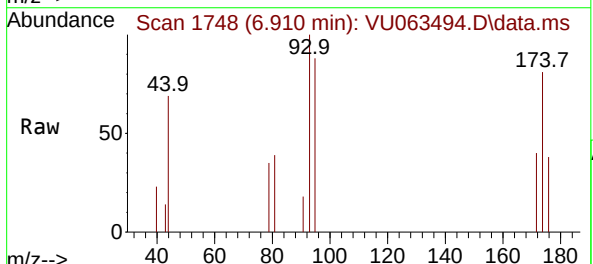
Tgt Ion: 93 Resp: 2253

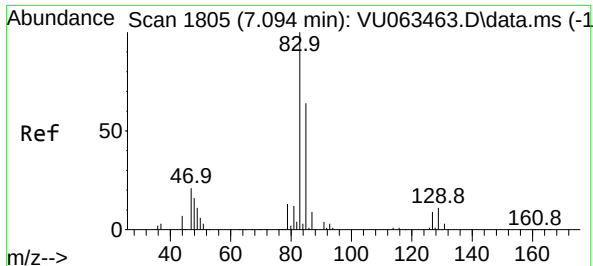
Ion Ratio Lower Upper

93 100

95 80.0 67.5 101.3

174 77.5 73.1 109.7





#47

Bromodichloromethane

Concen: 2.169 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

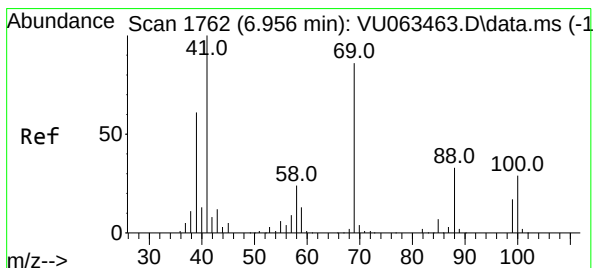
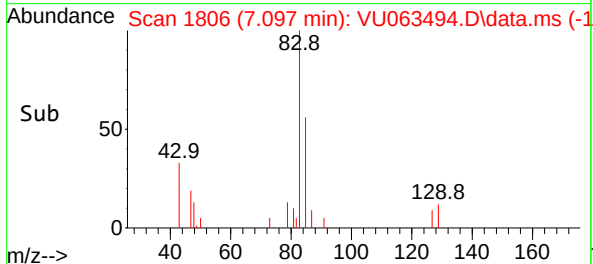
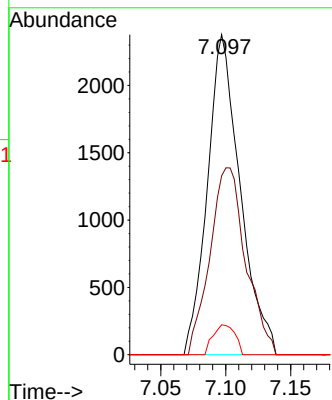
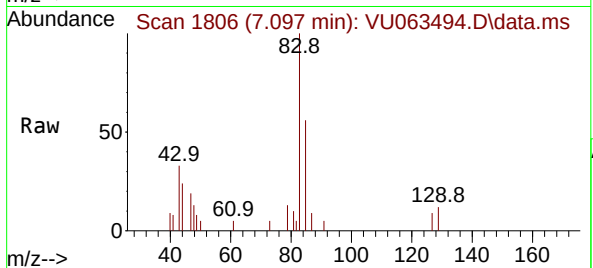
Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:	83	Resp:	4161
Ion	Ratio	Lower	Upper
83	100		
85	55.9	51.4	77.0
127	9.3	7.0	10.4



#48

Methyl methacrylate

Concen: 2.531 ug/l

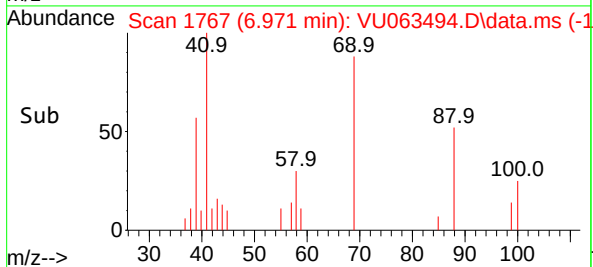
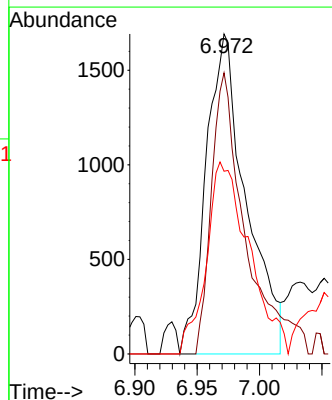
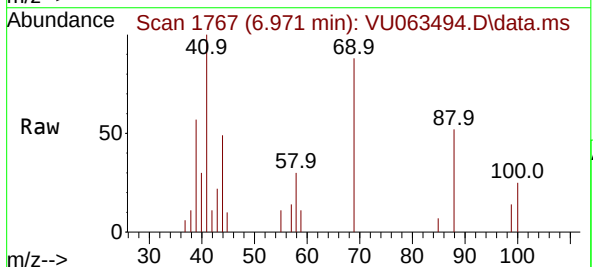
RT: 6.971 min Scan# 1767

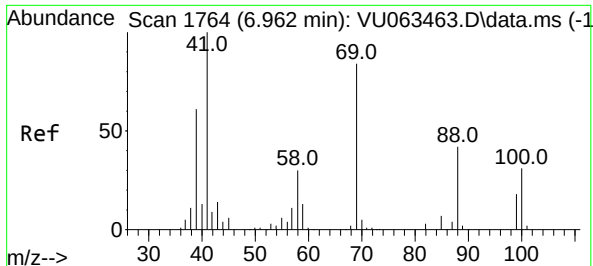
Delta R.T. 0.016 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

Tgt Ion:	41	Resp:	3757
Ion	Ratio	Lower	Upper
41	100		
69	75.3	69.8	104.8
39	64.0	48.3	72.5

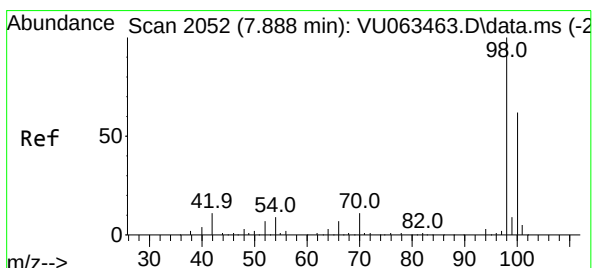
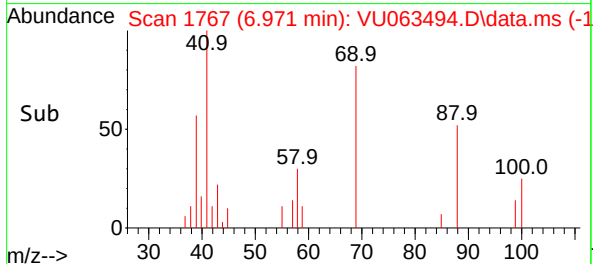
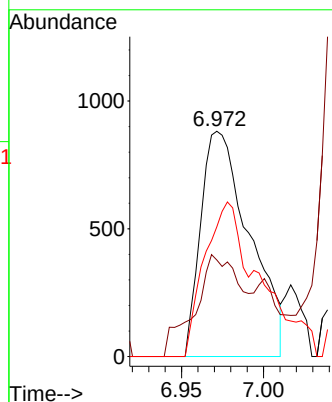
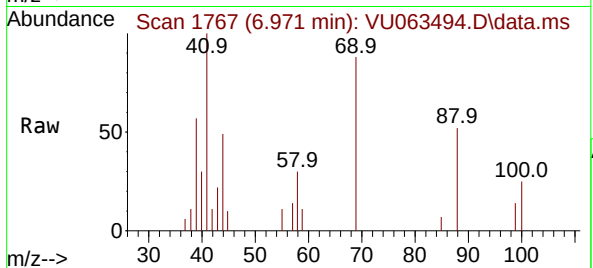




#49
1,4-Dioxane
Concen: 55.927 ug/l
RT: 6.971 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

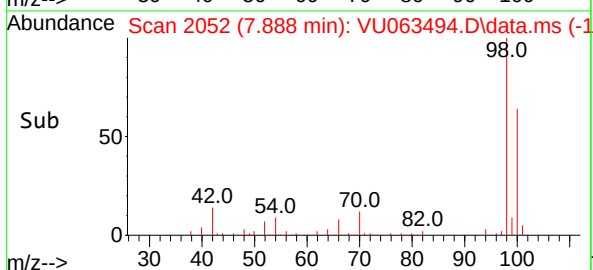
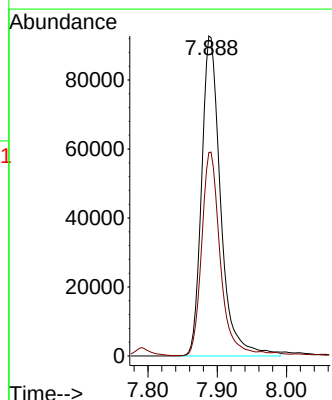
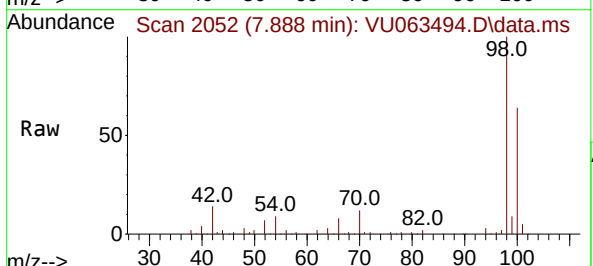
Instrument :
MSVOA_U
ClientSampleId :
MDL04

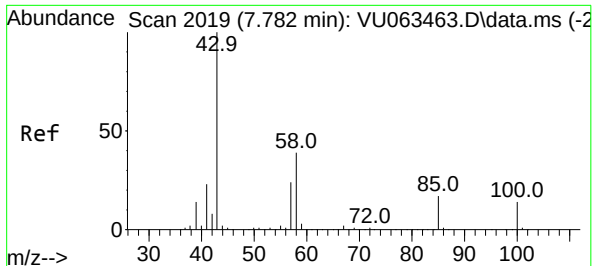
Tgt Ion: 88 Resp: 1822
Ion Ratio Lower Upper
88 100
43 42.1 25.6 38.4#
58 78.3 55.0 82.6



#50
Toluene-d8
Concen: 49.431 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 98 Resp: 177072
Ion Ratio Lower Upper
98 100
100 61.4 48.1 72.1

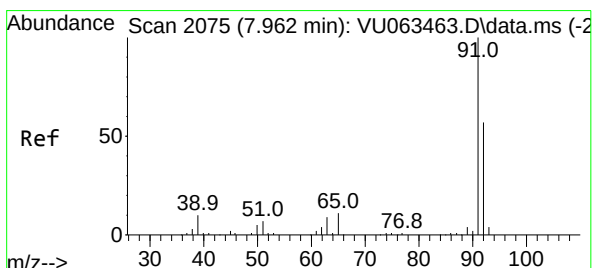
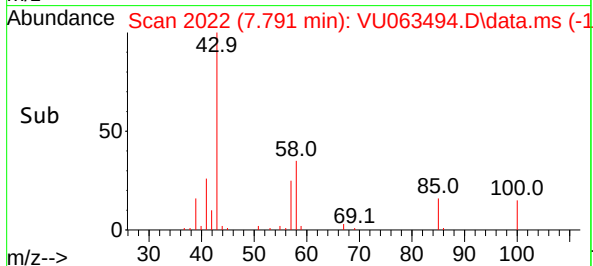
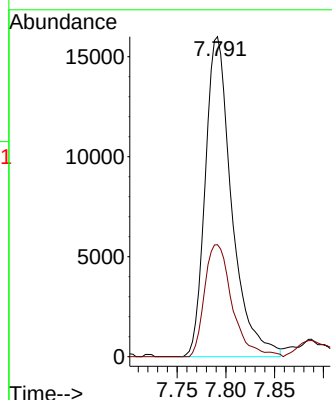
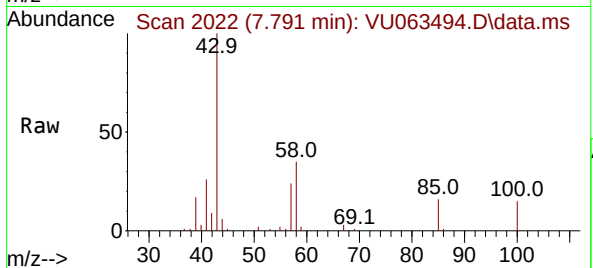




#51
4-Methyl-2-Pentanone
Concen: 12.992 ug/l
RT: 7.791 min Scan# 2022
Delta R.T. 0.010 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

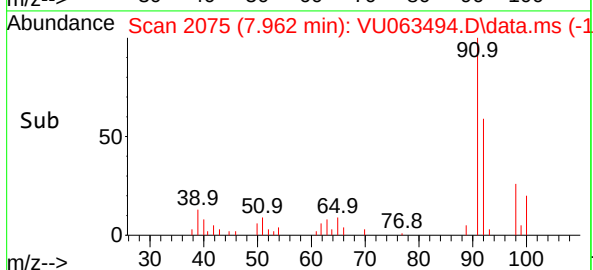
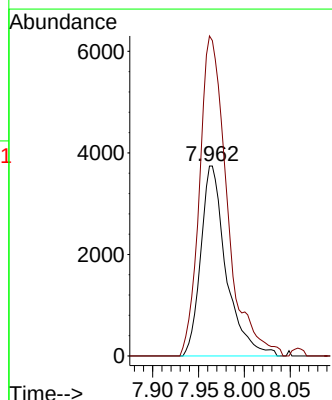
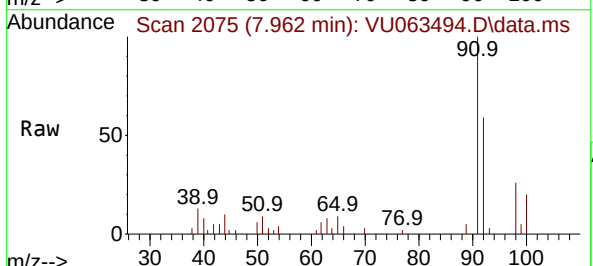
Instrument :
MSVOA_U
ClientSampleId :
MDL04

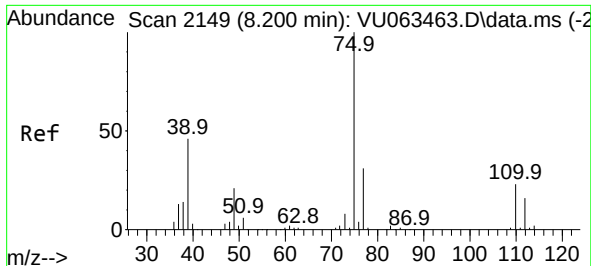
Tgt Ion: 43 Resp: 30206
Ion Ratio Lower Upper
43 100
58 36.4 31.0 46.4



#52
Toluene
Concen: 2.363 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 92 Resp: 7208
Ion Ratio Lower Upper
92 100
91 183.3 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.063 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.009 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

Instrument :

MSVOA_U

ClientSampleId :

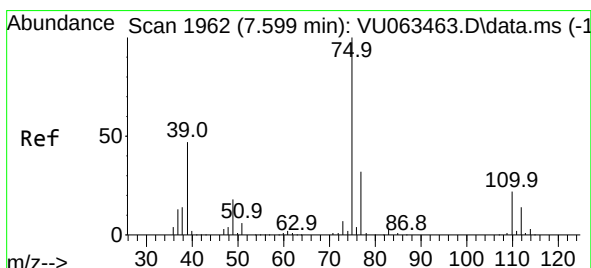
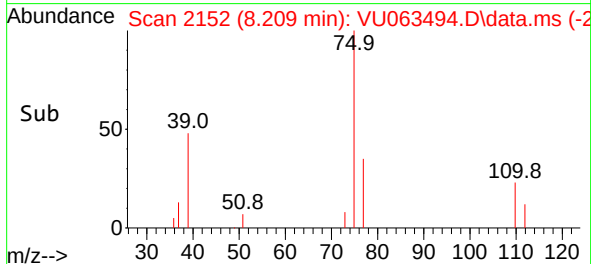
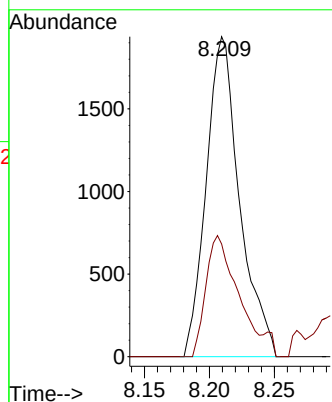
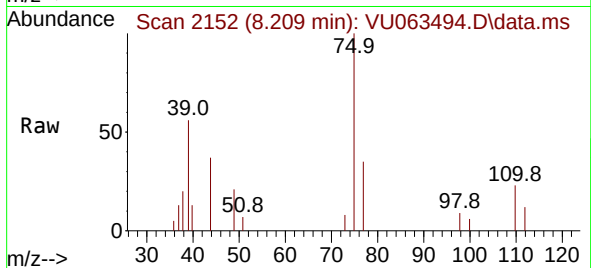
MDL04

Tgt Ion: 75 Resp: 3463

Ion Ratio Lower Upper

75 100

77 35.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.186 ug/l

RT: 7.608 min Scan# 1965

Delta R.T. 0.010 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

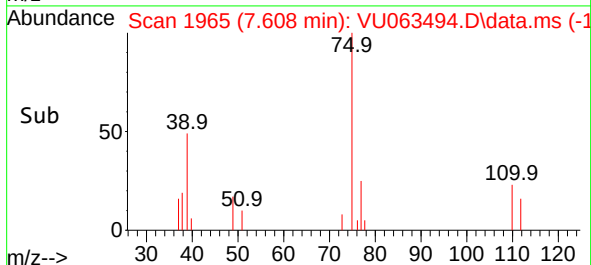
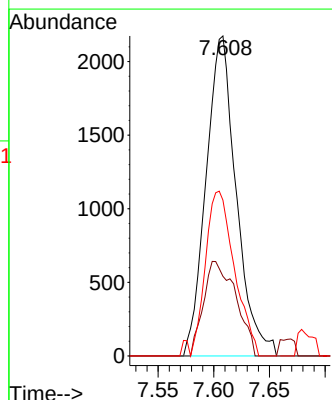
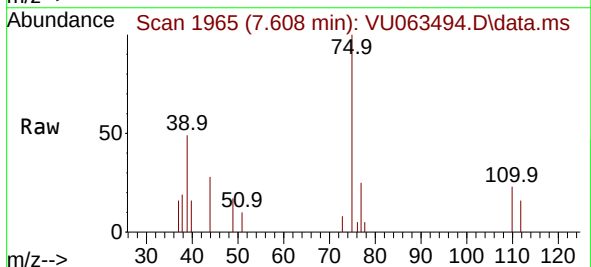
Tgt Ion: 75 Resp: 4108

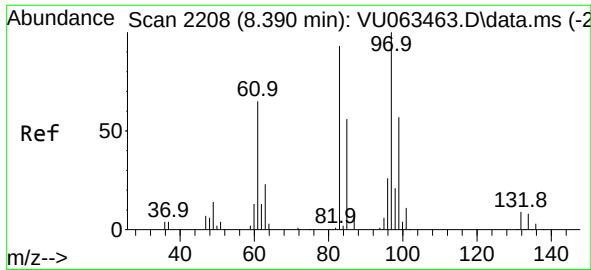
Ion Ratio Lower Upper

75 100

77 24.9 25.4 38.0#

39 48.7 37.2 55.8

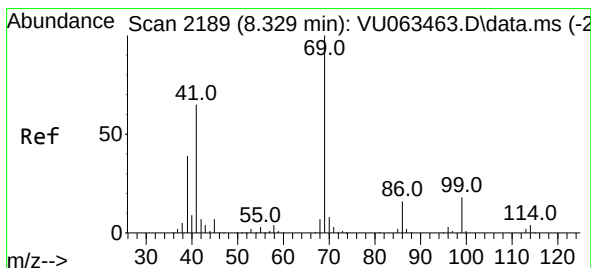
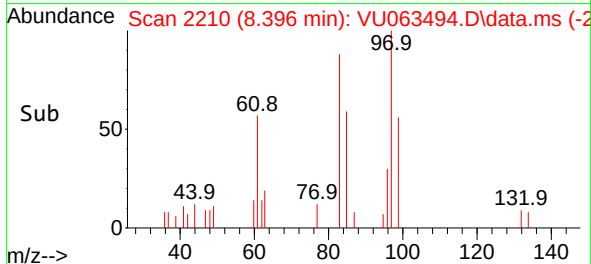
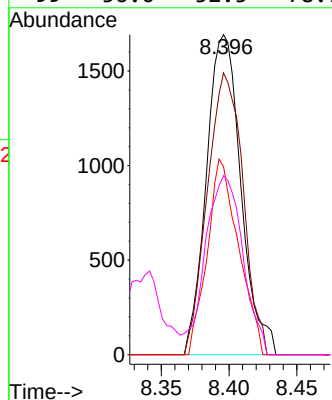
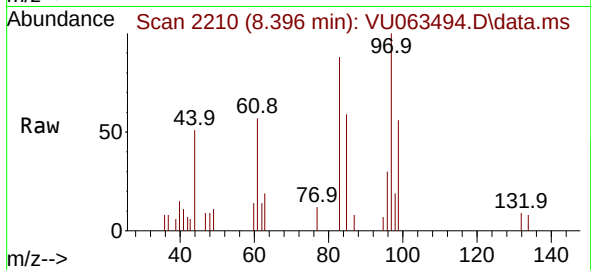




#55
1,1,2-Trichloroethane
Concen: 2.317 ug/l
RT: 8.396 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

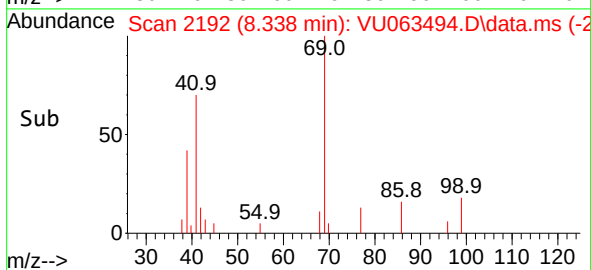
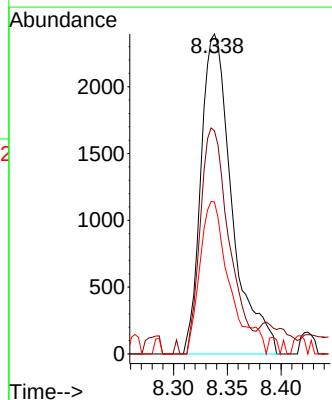
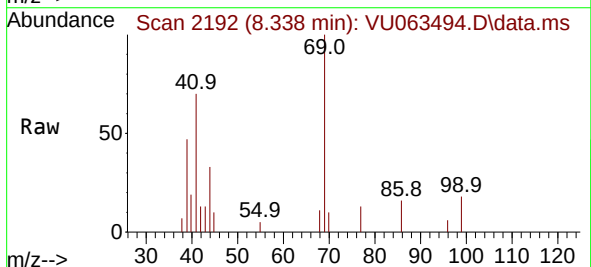
Instrument :
MSVOA_U
ClientSampleId :
MDL04

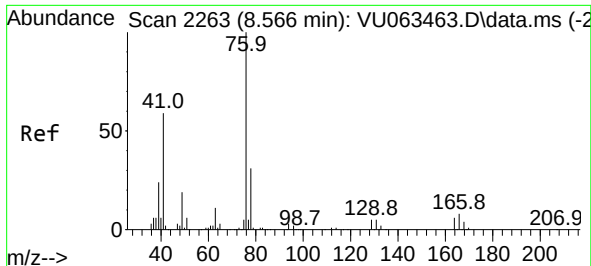
Tgt Ion: 97	Resp: 3001
Ion Ratio	Lower Upper
97 100	
83 88.1	74.2 111.4
85 58.7	45.8 68.8
99 56.0	52.5 78.7



#56
Ethyl methacrylate
Concen: 2.302 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.009 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 69	Resp: 4810		
Ion Ratio	Lower	Upper	
69 100			
41 65.7	53.0	79.6	
39 45.6	31.0	46.4	





#57

1,3-Dichloropropane

Concen: 2.331 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063494.D

Acq: 11 Jul 2025 15:57

Instrument :

MSVOA_U

ClientSampleId :

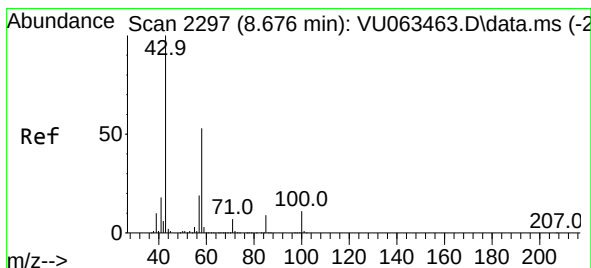
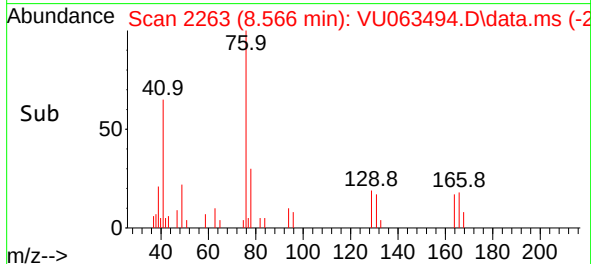
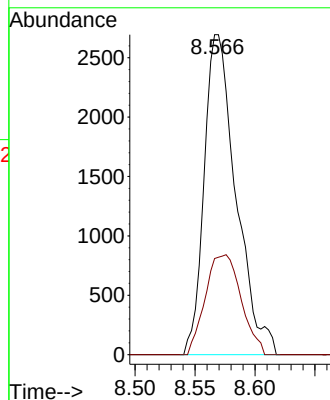
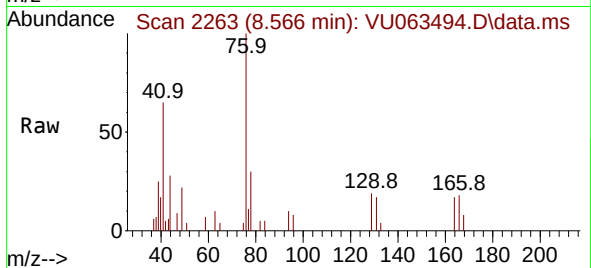
MDL04

Tgt Ion: 76 Resp: 4978

Ion Ratio Lower Upper

76 100

78 35.0 25.6 38.4



#59

2-Hexanone

Concen: 12.567 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.009 min

Lab File: VU063494.D

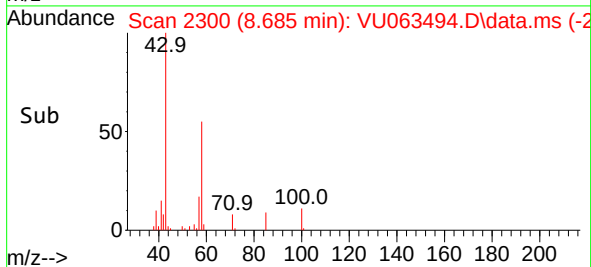
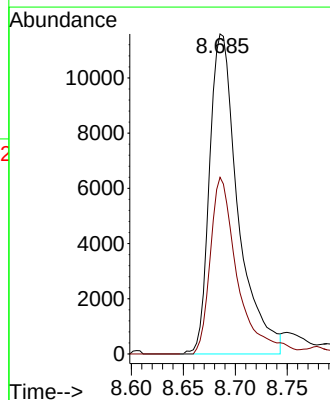
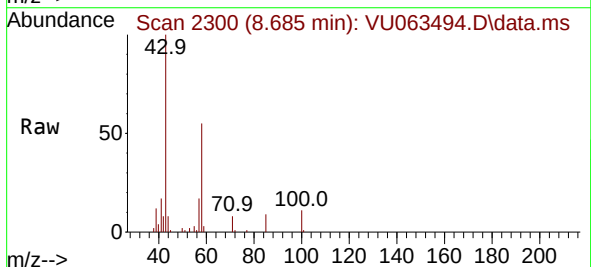
Acq: 11 Jul 2025 15:57

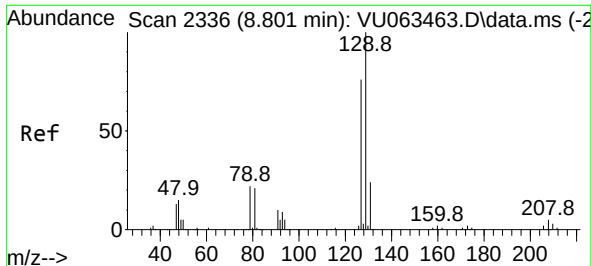
Tgt Ion: 43 Resp: 22099

Ion Ratio Lower Upper

43 100

58 52.6 26.9 80.7

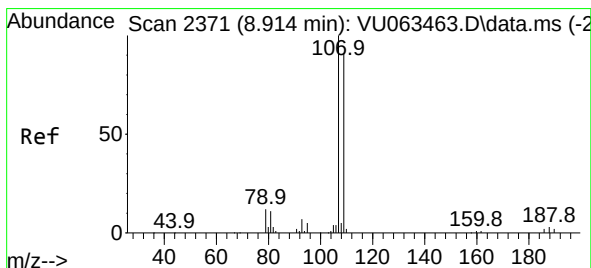
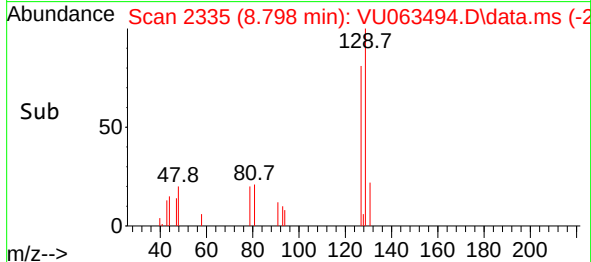
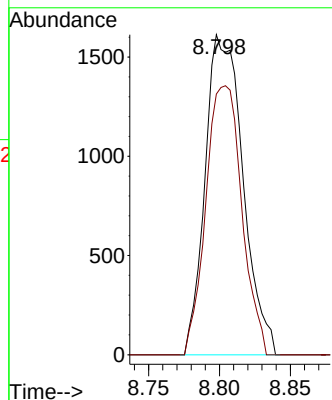
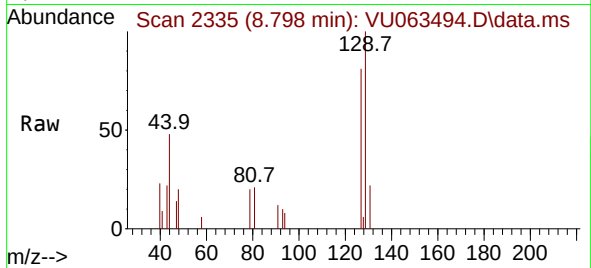




#60
Dibromochloromethane
Concen: 2.059 ug/l
RT: 8.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

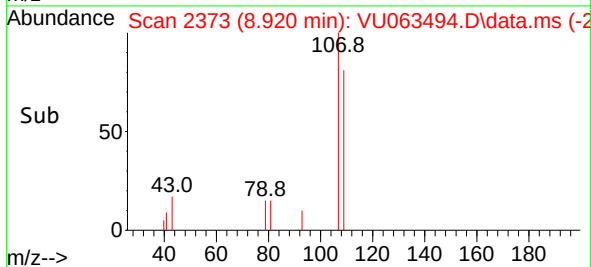
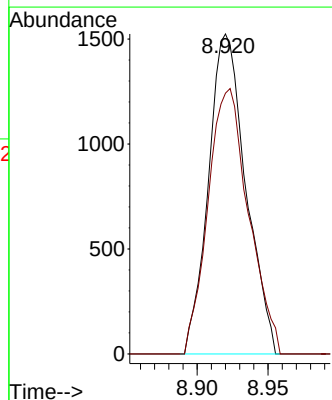
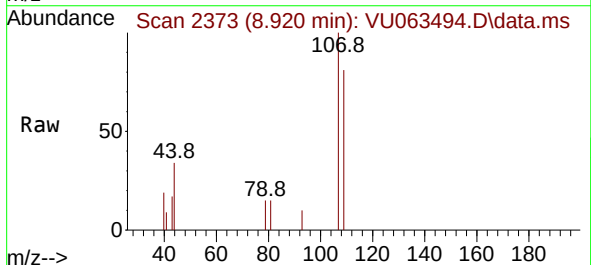
Instrument :
MSVOA_U
ClientSampleId :
MDL04

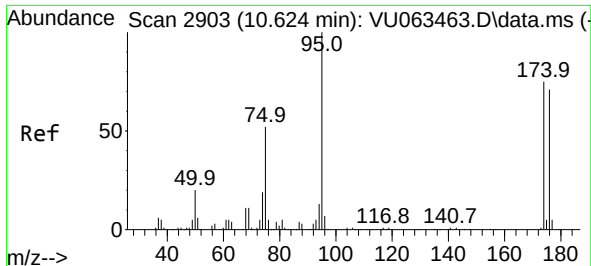
Tgt Ion:129 Resp: 2988
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.2



#61
1,2-Dibromoethane
Concen: 2.198 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:107 Resp: 2795
Ion Ratio Lower Upper
107 100
109 90.0 73.7 110.5

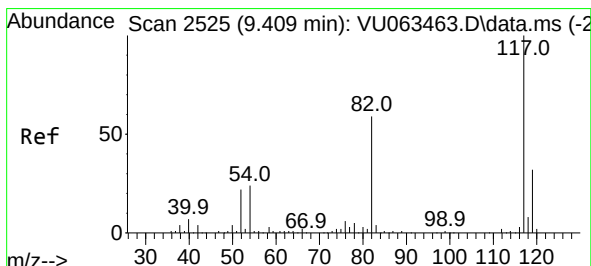
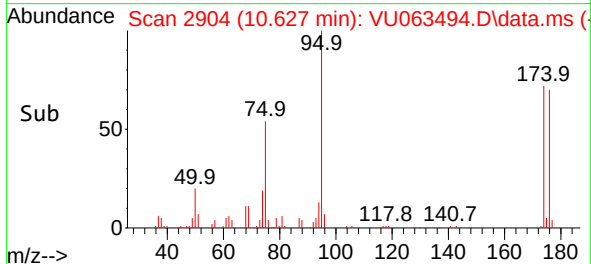
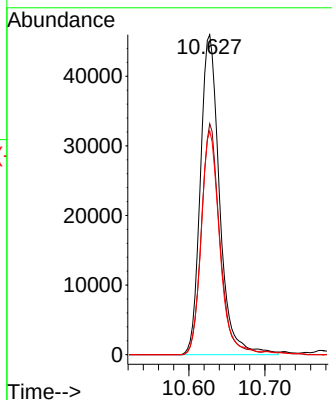
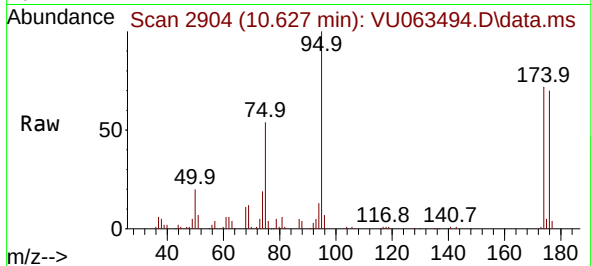




#62
 4-Bromofluorobenzene
 Concen: 51.294 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

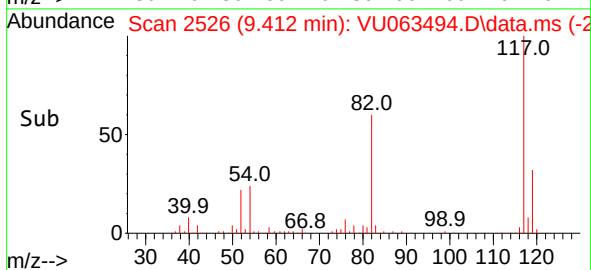
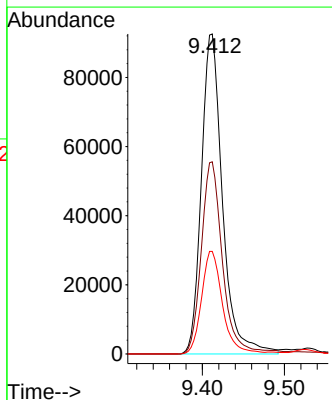
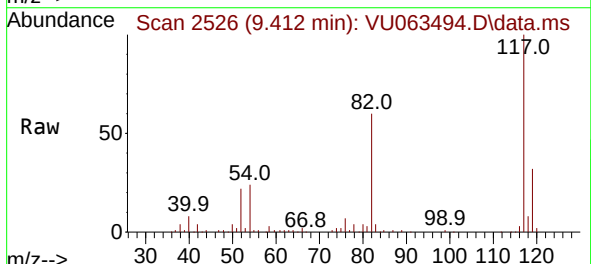
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

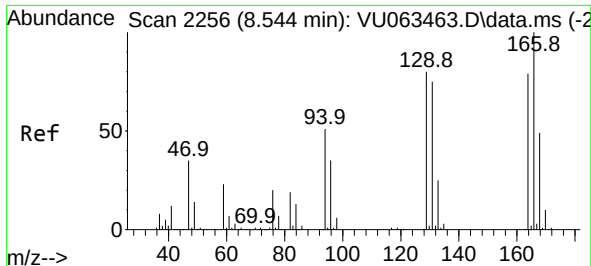
Tgt Ion: 95	Resp: 80371
Ion Ratio	Lower Upper
95	100
174	69.2 0.0 153.6
176	67.6 0.0 145.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.412 min Scan# 2526
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

Tgt Ion: 117	Resp: 165484
Ion Ratio	Lower Upper
117	100
82	60.1 47.1 70.7
119	32.1 25.4 38.0

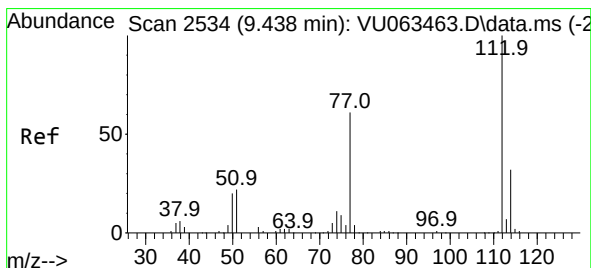
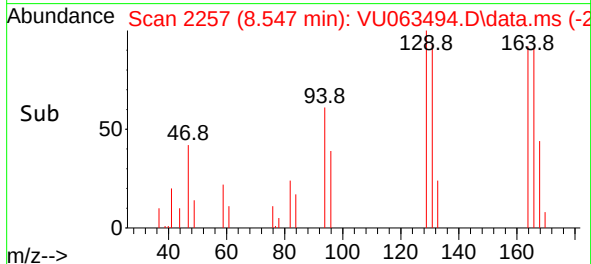
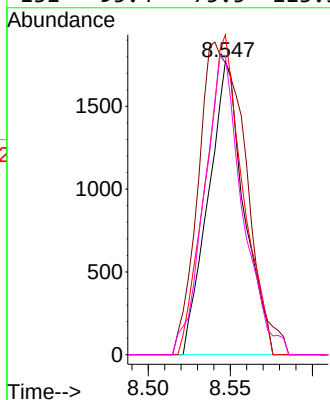
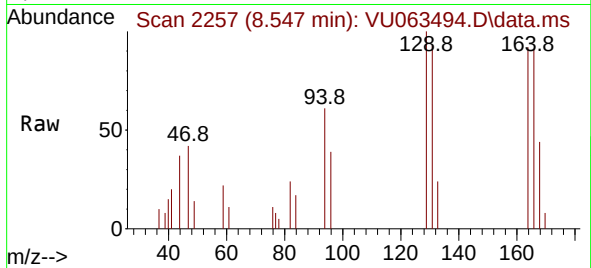




#64
Tetrachloroethene
Concen: 2.160 ug/l
RT: 8.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

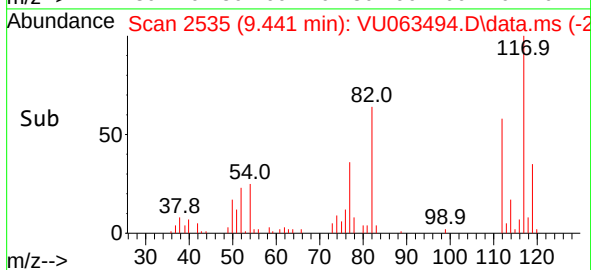
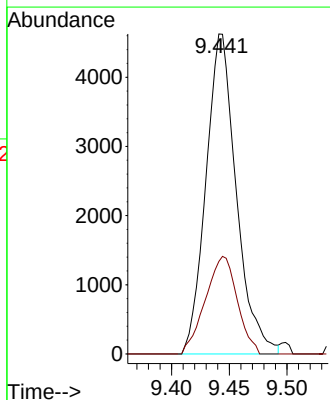
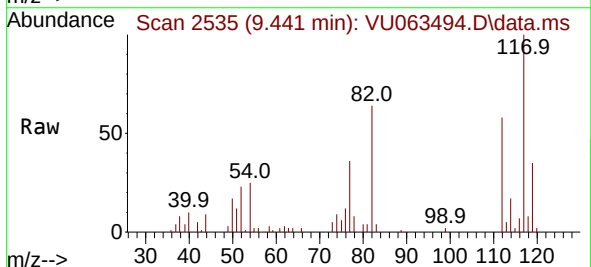
Instrument :
MSVOA_U
ClientSampleId :
MDL04

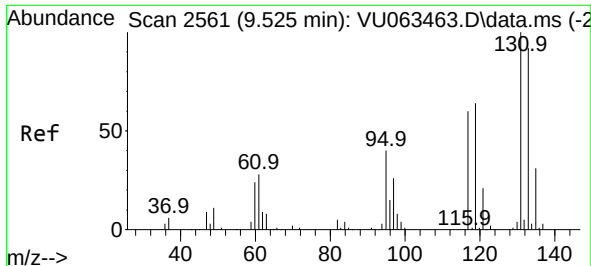
Tgt Ion:164 Resp: 2661
Ion Ratio Lower Upper
164 100
166 92.0 100.9 151.3#
129 109.2 80.9 121.3
131 95.4 75.5 113.3



#65
Chlorobenzene
Concen: 2.456 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:112 Resp: 8457
Ion Ratio Lower Upper
112 100
114 28.9 25.5 38.3

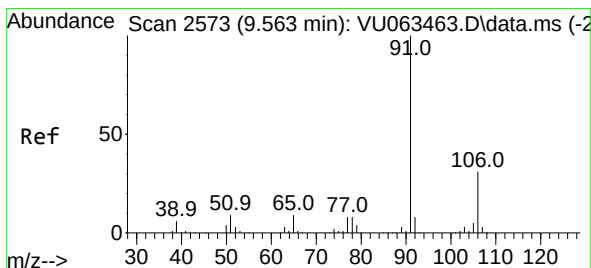
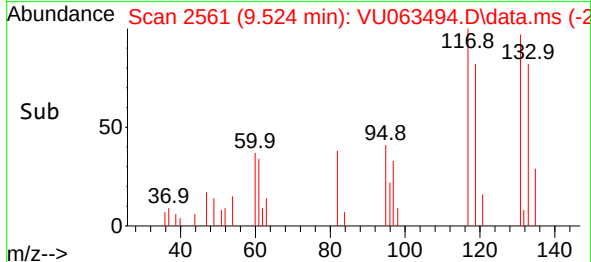
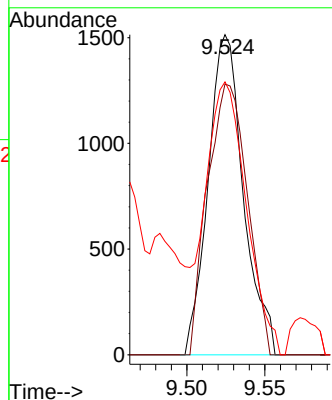
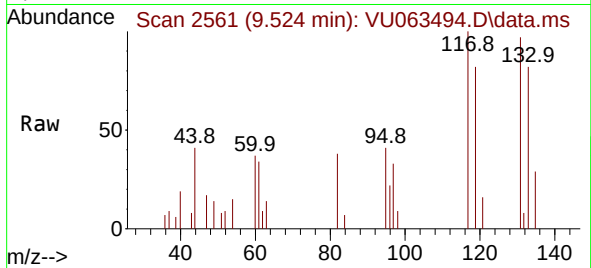




#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.013 ug/l
 RT: 9.524 min Scan# 2561
 Delta R.T. -0.000 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

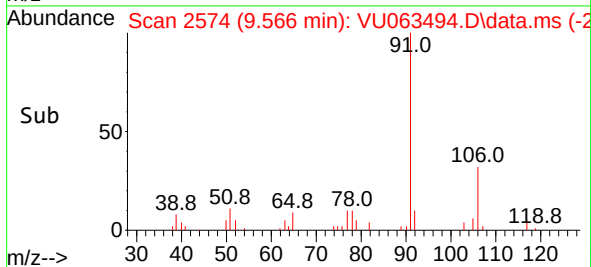
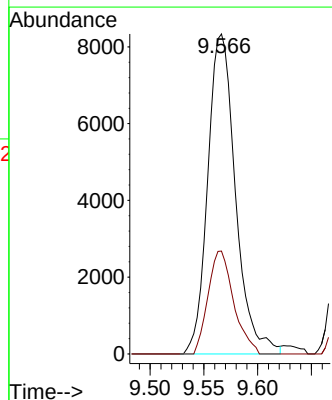
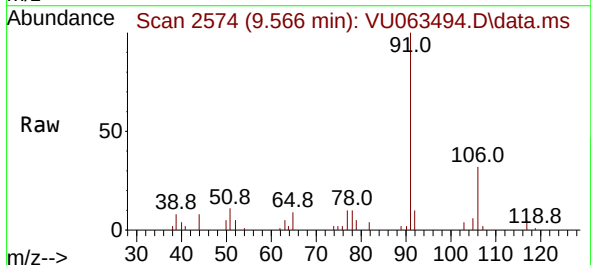
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

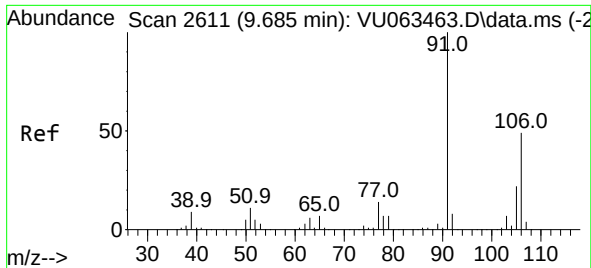
Tgt Ion:131 Resp: 2377
 Ion Ratio Lower Upper
 131 100
 133 95.8 46.4 139.2
 119 98.8 33.3 99.9



#67
 Ethyl Benzene
 Concen: 2.528 ug/l
 RT: 9.566 min Scan# 2574
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

Tgt Ion: 91 Resp: 14960
 Ion Ratio Lower Upper
 91 100
 106 32.2 24.5 36.7

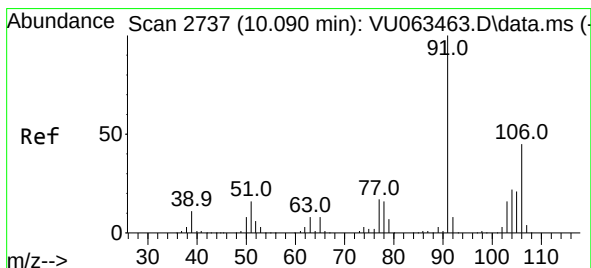
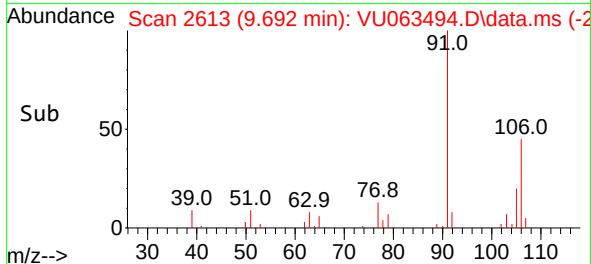
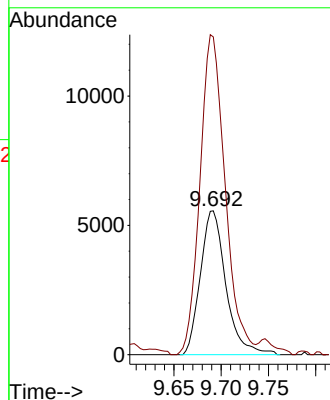
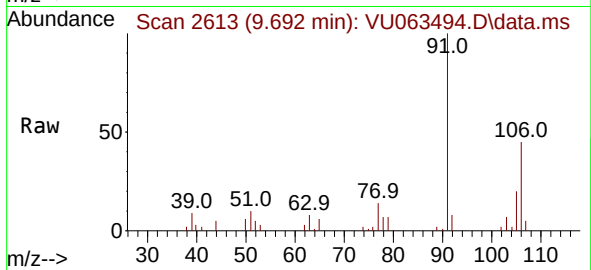




#68
m/p-Xylenes
Concen: 4.629 ug/l
RT: 9.692 min Scan# 210
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

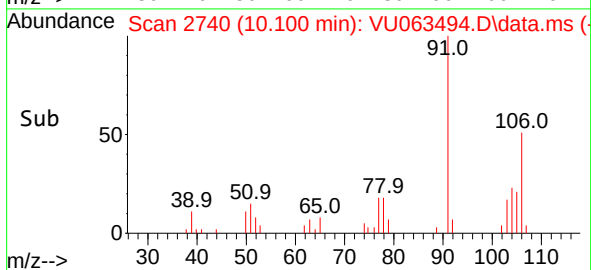
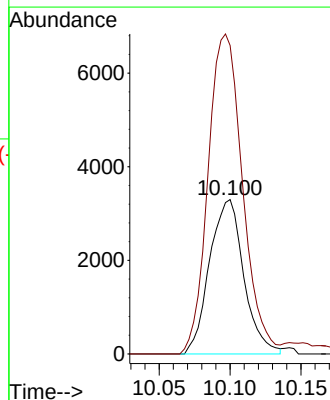
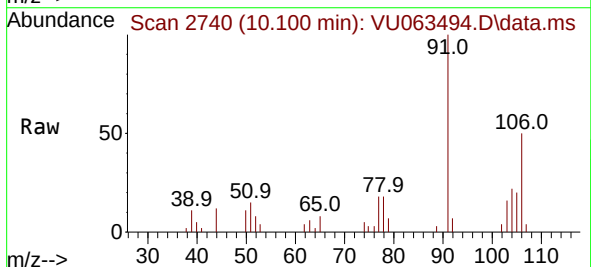
Instrument :
MSVOA_U
ClientSampleId :
MDL04

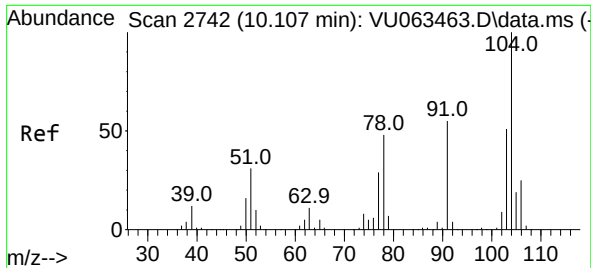
Tgt Ion:106 Resp: 10453
Ion Ratio Lower Upper
106 100
91 219.7 163.6 245.4



#69
o-Xylene
Concen: 2.411 ug/l
RT: 10.100 min Scan# 2740
Delta R.T. 0.010 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:106 Resp: 5536
Ion Ratio Lower Upper
106 100
91 209.0 110.7 331.9

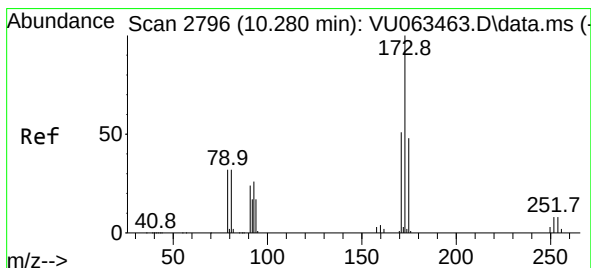
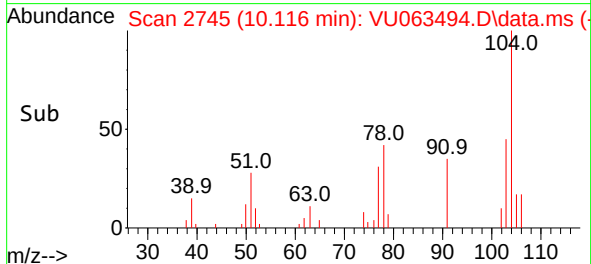
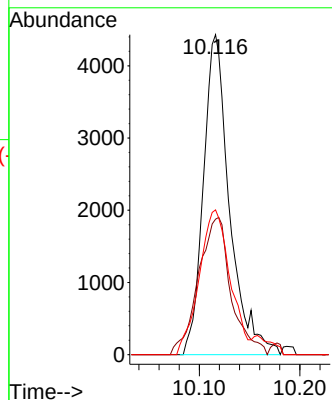
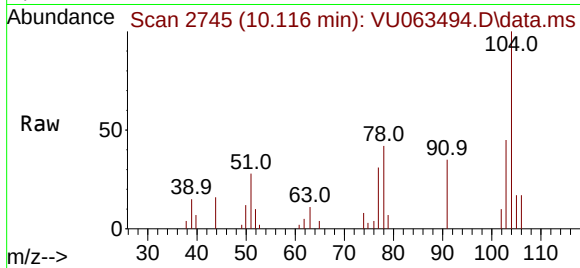




#70
Styrene
Concen: 2.191 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

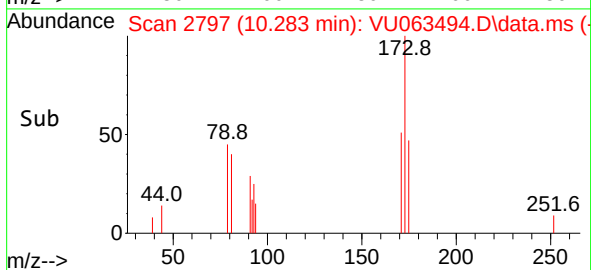
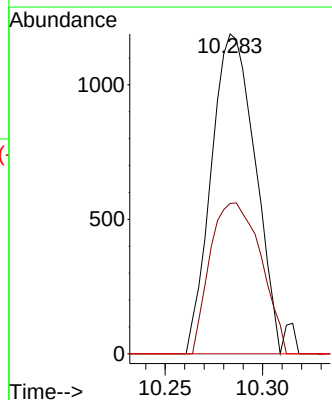
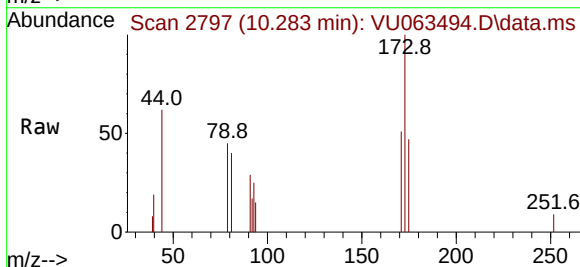
Instrument :
MSVOA_U
ClientSampleId :
MDL04

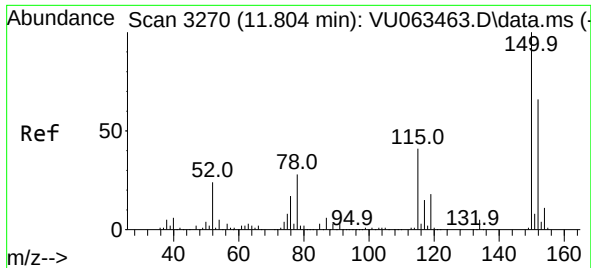
Tgt Ion:	104	Resp:	7998
Ion	Ratio	Lower	Upper
104	100		
78	53.6	41.4	62.0
103	53.7	44.3	66.5



#71
Bromoform
Concen: 1.807 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:	173	Resp:	1860
Ion	Ratio	Lower	Upper
173	100		
175	54.8	24.0	72.0
254	0.0	0.0	0.0

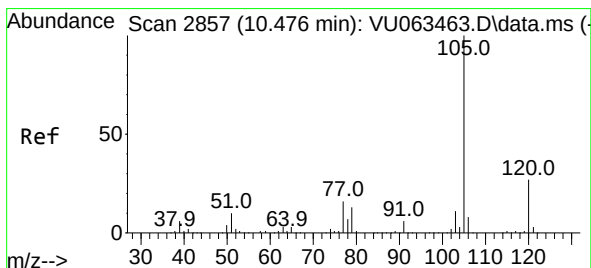
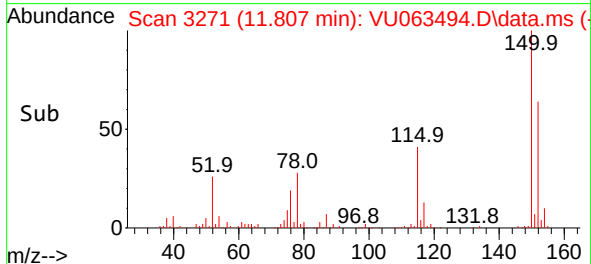
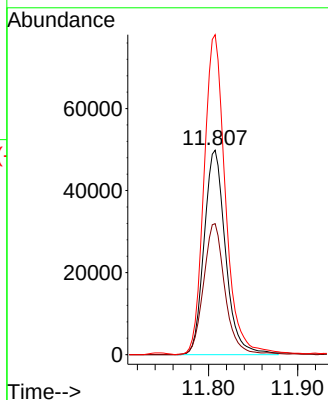
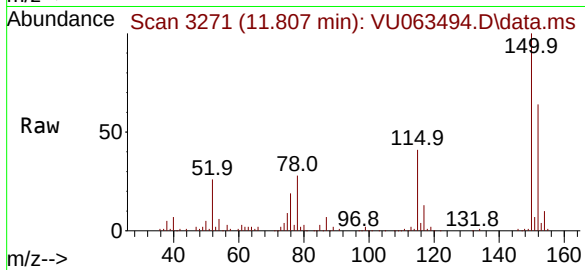




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.807 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

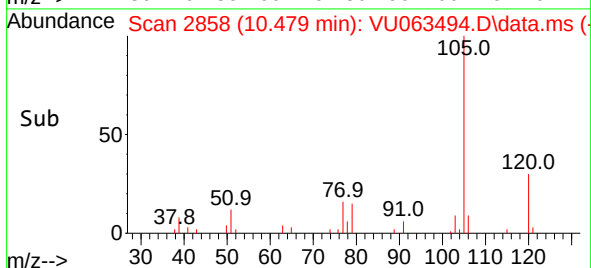
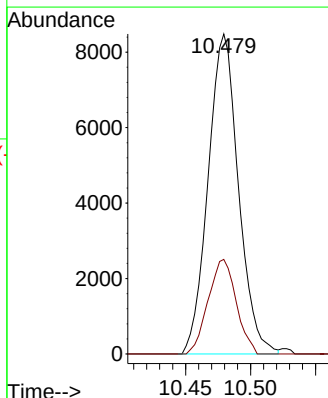
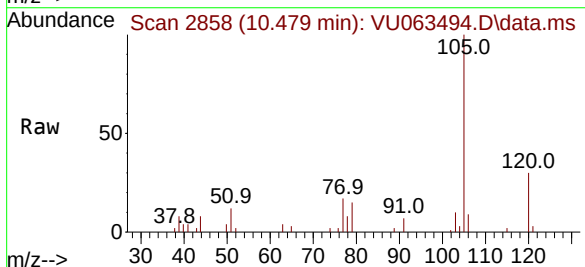
Instrument :
MSVOA_U
ClientSampleId :
MDL04

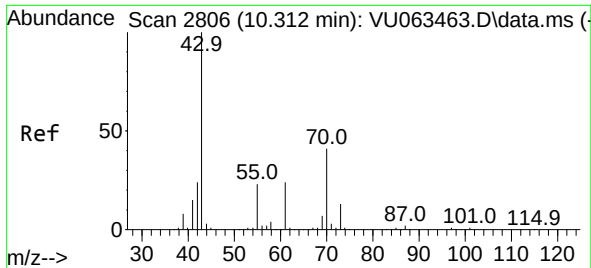
Tgt Ion:152 Resp: 83433
Ion Ratio Lower Upper
152 100
115 64.2 43.4 130.2
150 156.9 0.0 341.4



#73
Isopropylbenzene
Concen: 2.423 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:105 Resp: 13758
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

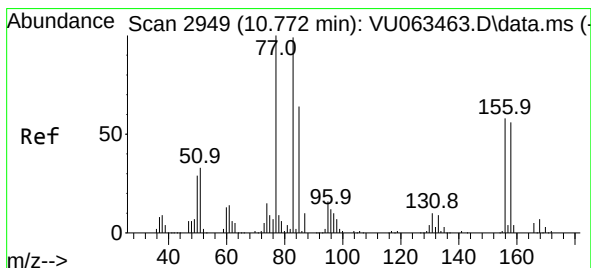
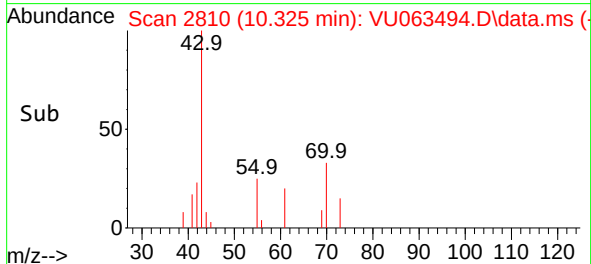
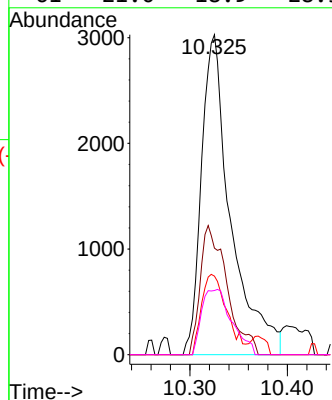
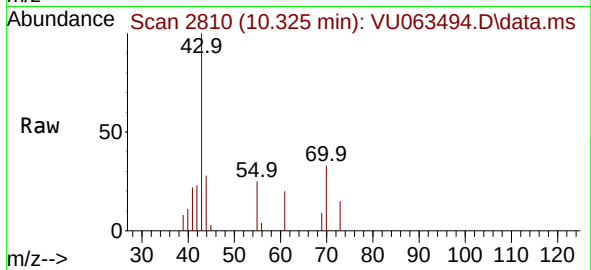




#74
N-amy1 acetate
Concen: 2.479 ug/l
RT: 10.325 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

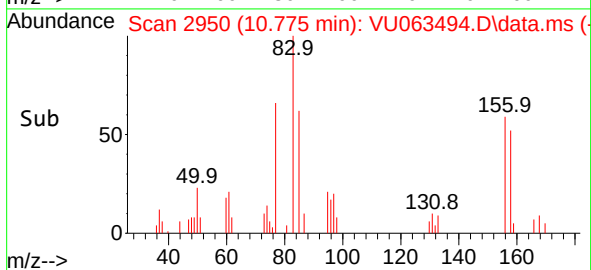
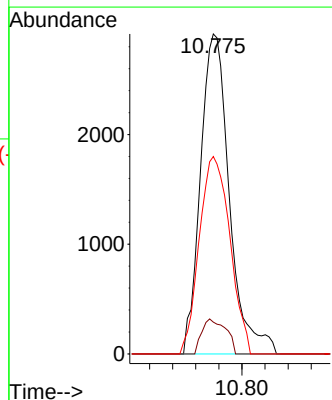
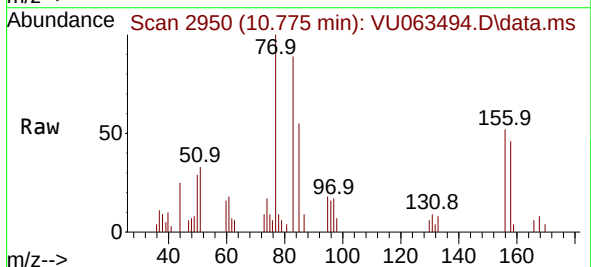
Instrument :
MSVOA_U
ClientSampleId :
MDL04

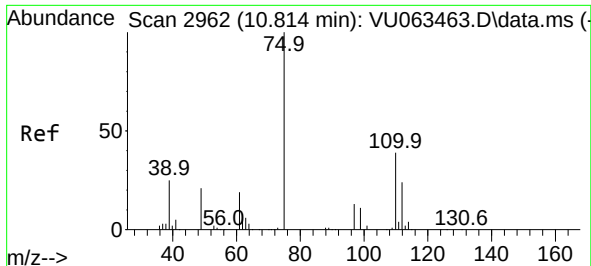
Tgt Ion: 43	Resp: 6312
Ion Ratio	Lower Upper
43 100	
70 36.9	32.6 48.8
55 21.9	18.6 27.8
61 21.0	18.9 28.3



#75
1,1,2,2-Tetrachloroethane
Concen: 2.426 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 83	Resp: 5070
Ion Ratio	Lower Upper
83 100	
131 9.0	4.8 14.3
85 65.3	32.3 96.8

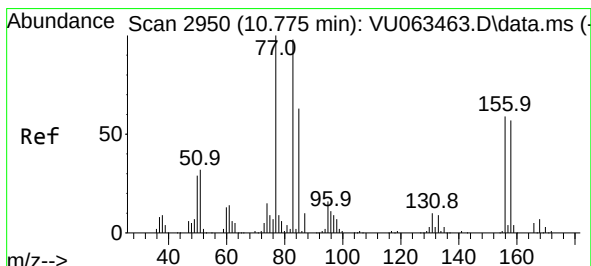
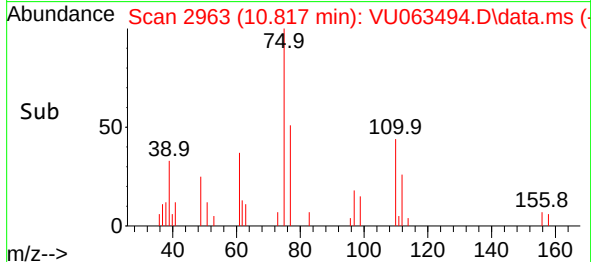
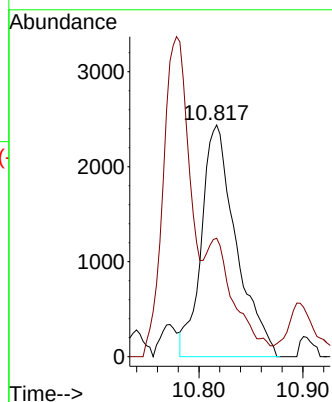
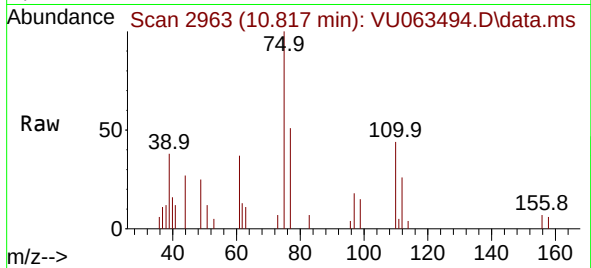




#76
1,2,3-Trichloropropane
Concen: 2.550 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

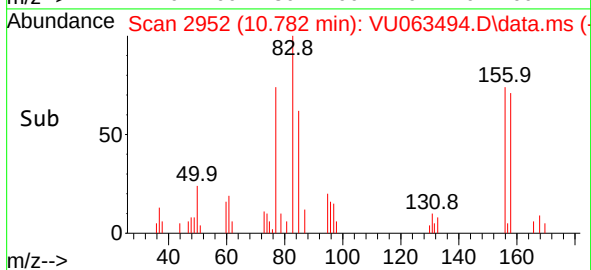
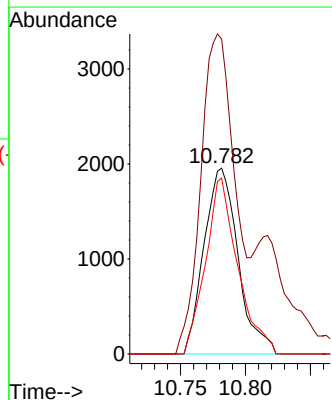
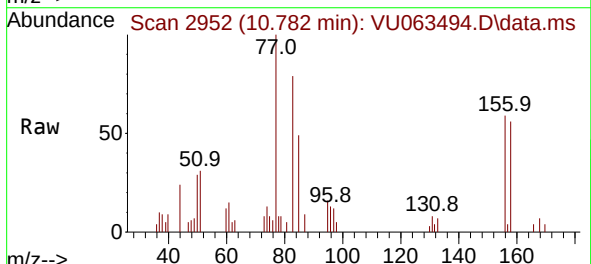
Instrument :
MSVOA_U
ClientSampleId :
MDL04

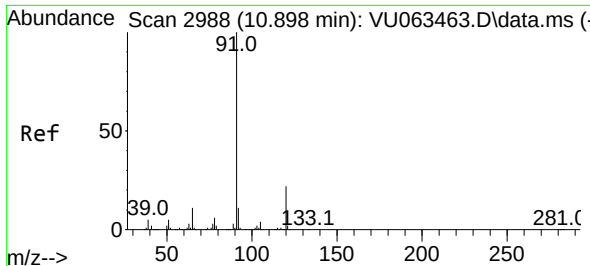
Tgt Ion: 75 Resp: 5638
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#



#77
Bromobenzene
Concen: 2.559 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 156 Resp: 3561
Ion Ratio Lower Upper
156 100
77 175.1 78.2 234.6
158 89.6 46.8 140.4

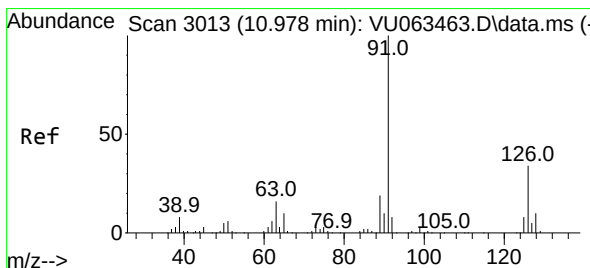
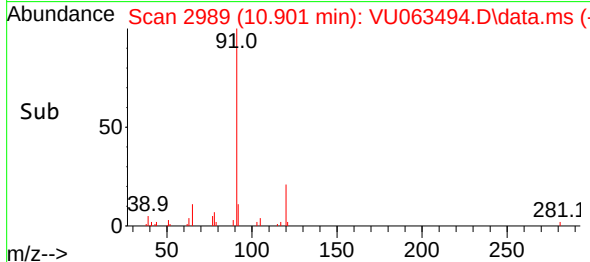
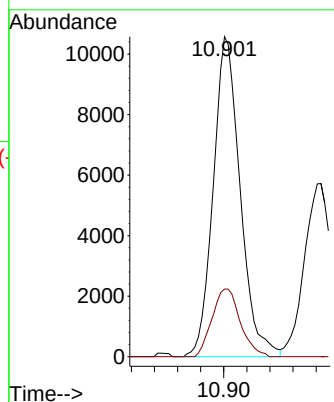
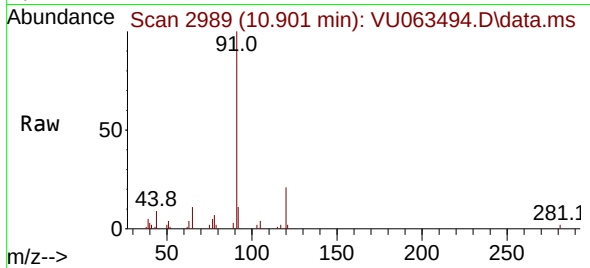




#78
n-propylbenzene
Concen: 2.598 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

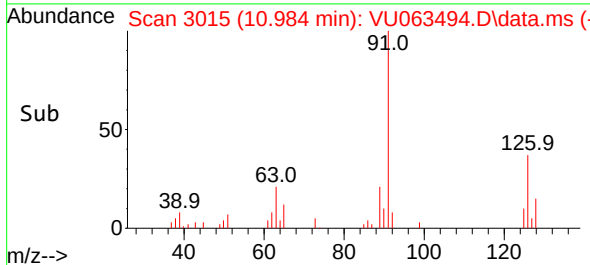
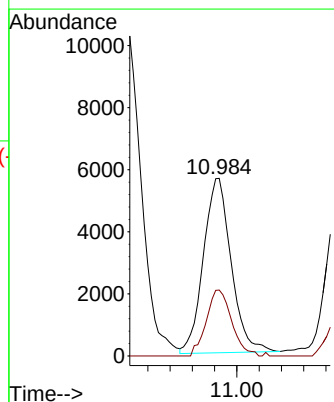
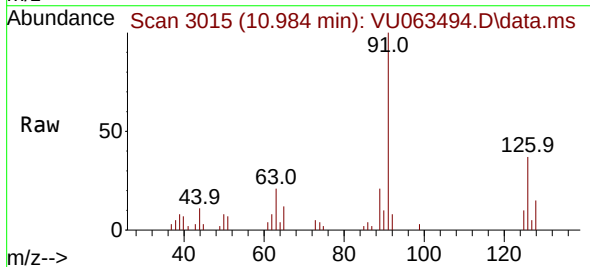
Instrument :
MSVOA_U
ClientSampleId :
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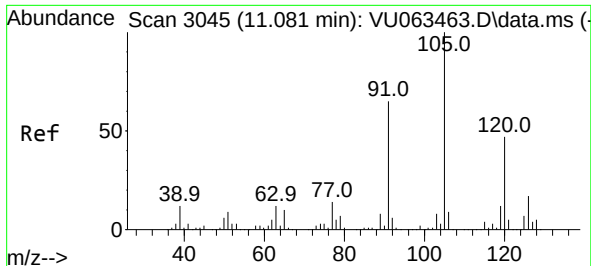
Tgt Ion: 91 Resp: 17107
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.358 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 91 Resp: 9737
Ion Ratio Lower Upper
91 100
126 34.4 15.9 47.7

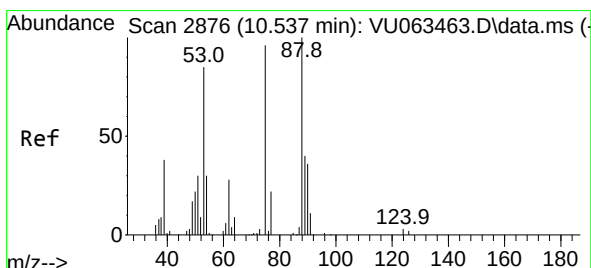
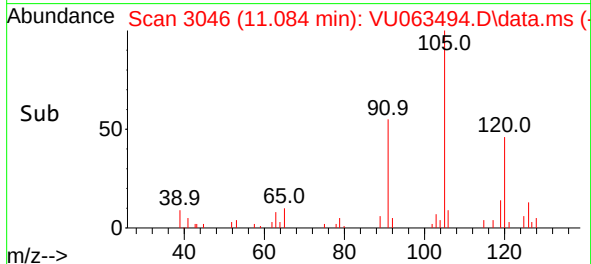
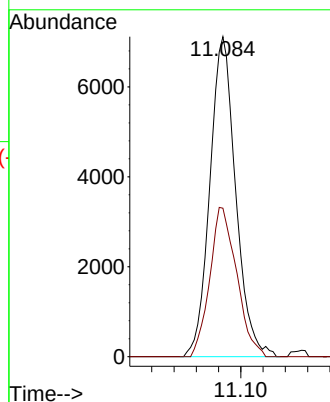
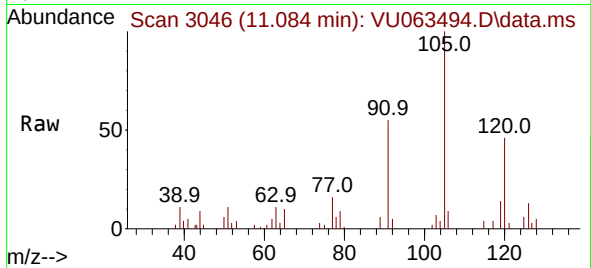




#80
1,3,5-Trimethylbenzene
Concen: 2.308 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

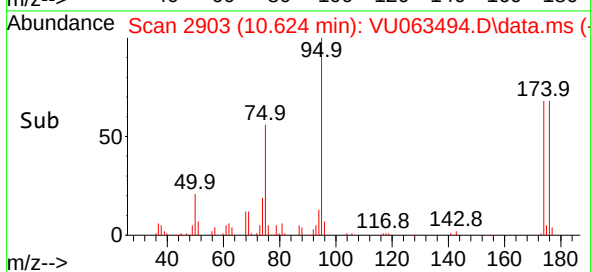
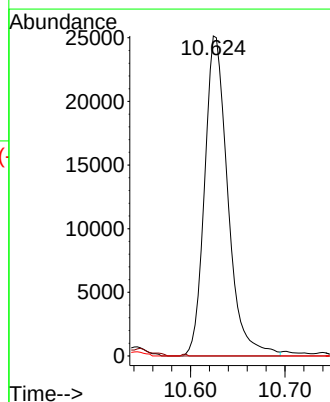
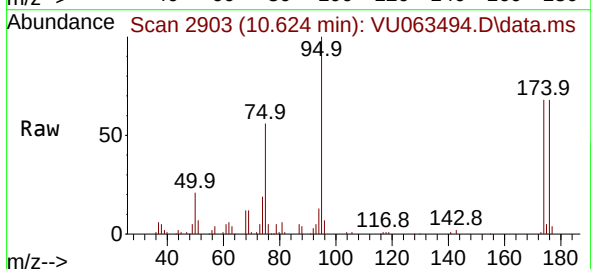
Instrument :
MSVOA_U
ClientSampleId :
MDL04

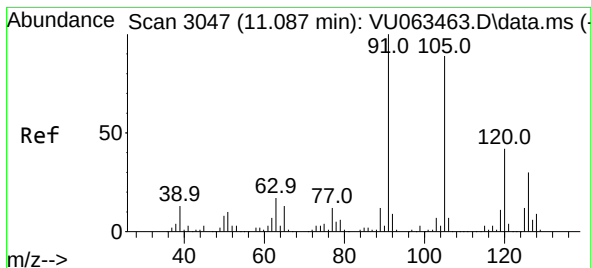
Tgt Ion:105 Resp: 11458
Ion Ratio Lower Upper
105 100
120 48.5 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 96.753 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 75 Resp: 42888
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#

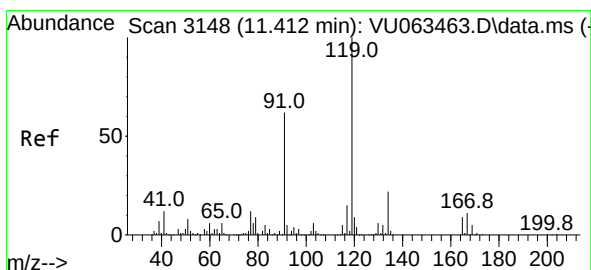
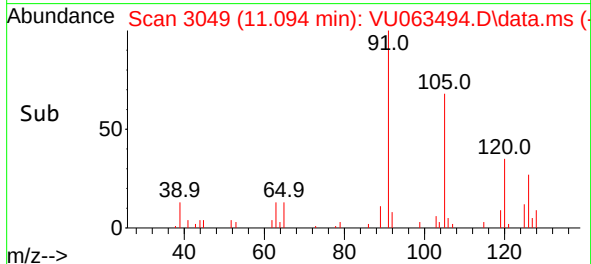
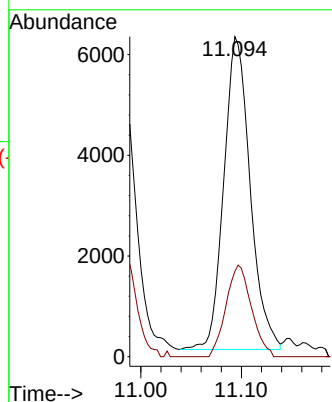
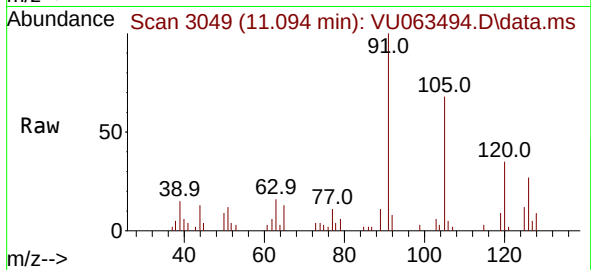




#82
4-Chlorotoluene
Concen: 2.407 ug/l
RT: 11.094 min Scan# 3047
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

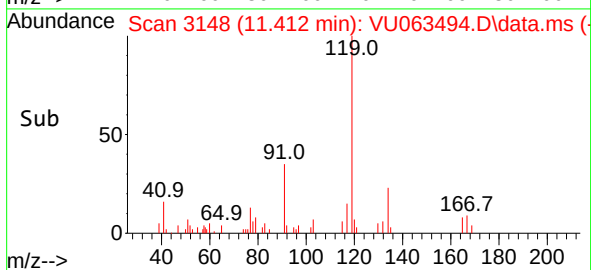
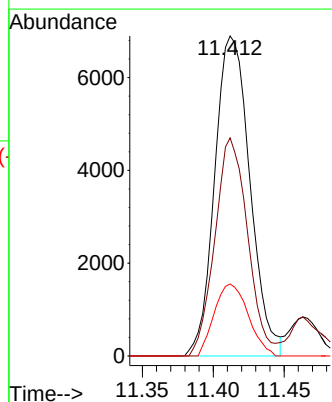
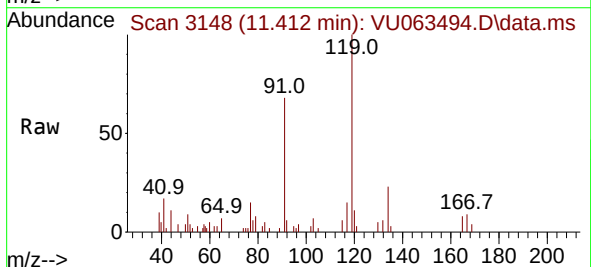
Instrument :
MSVOA_U
ClientSampleId :
MDL04

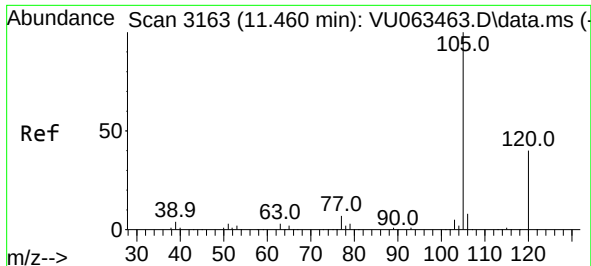
Tgt Ion: 91 Resp: 11284
Ion Ratio Lower Upper
91 100
126 28.2 14.4 43.2



#83
tert-Butylbenzene
Concen: 2.504 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 119 Resp: 11925
Ion Ratio Lower Upper
119 100
91 63.4 30.3 91.0
134 21.6 11.2 33.6

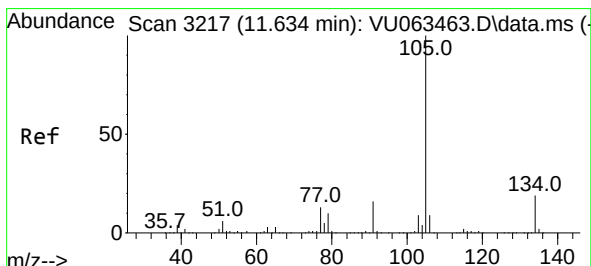
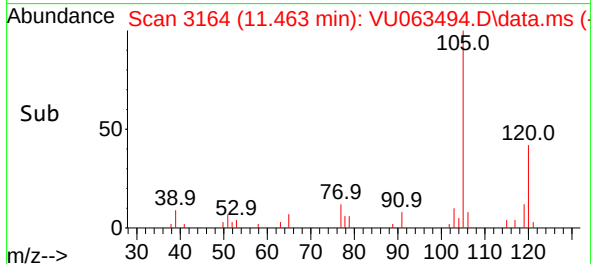
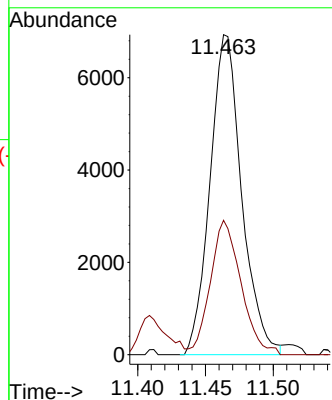
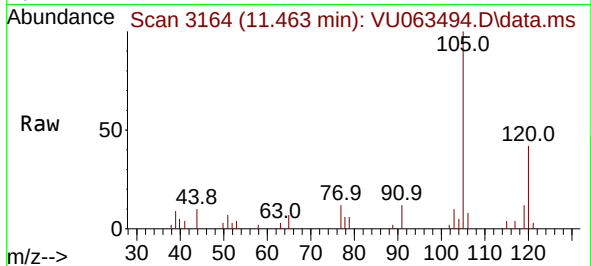




#84
1,2,4-Trimethylbenzene
Concen: 2.314 ug/l
RT: 11.463 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

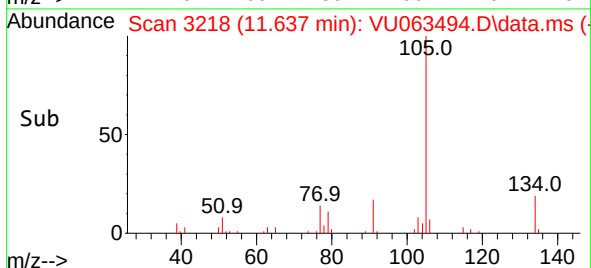
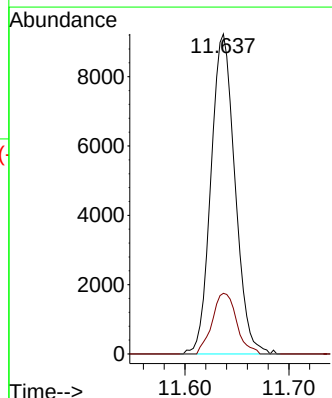
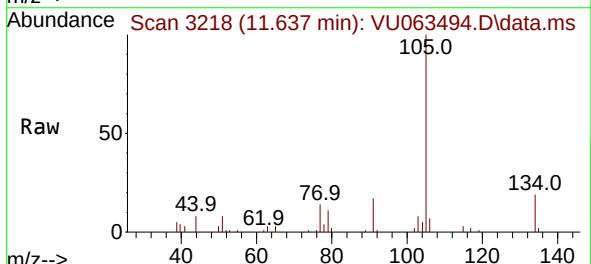
Instrument :
MSVOA_U
ClientSampleId :
MDL04

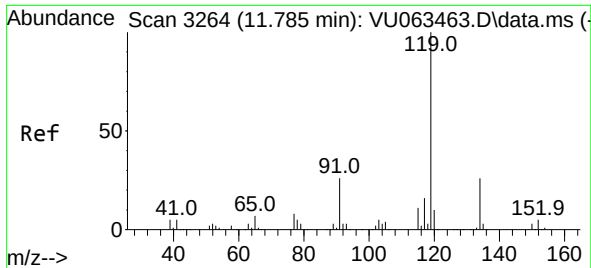
Tgt Ion:105 Resp: 11285
Ion Ratio Lower Upper
105 100
120 40.5 22.1 66.3



#85
sec-Butylbenzene
Concen: 2.359 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.003 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:105 Resp: 14822
Ion Ratio Lower Upper
105 100
134 19.3 9.7 29.1

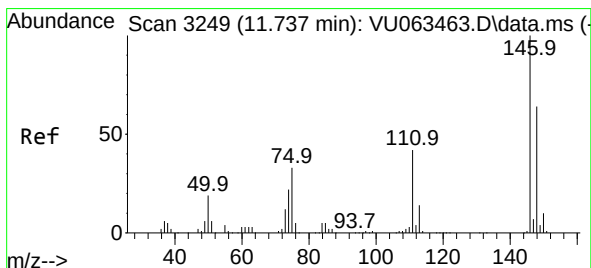
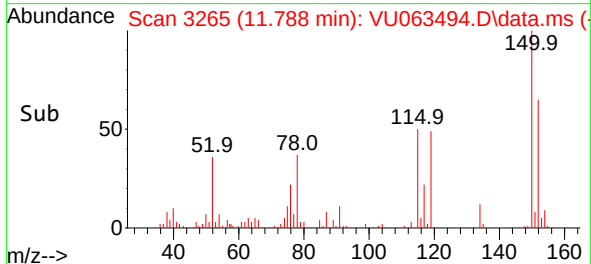
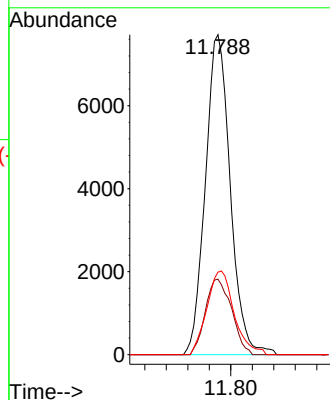
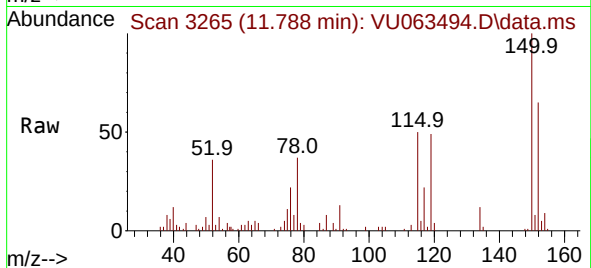




#86
 p-Isopropyltoluene
 Concen: 2.433 ug/l
 RT: 11.788 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

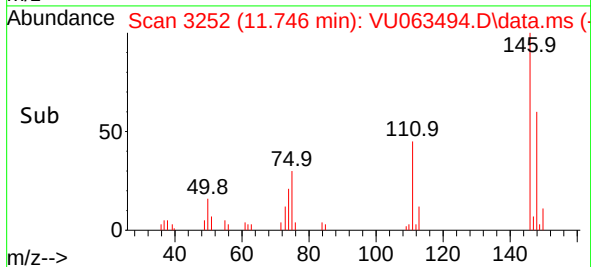
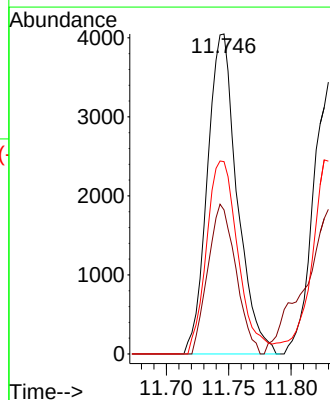
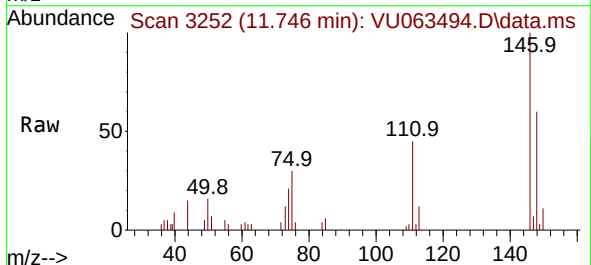
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

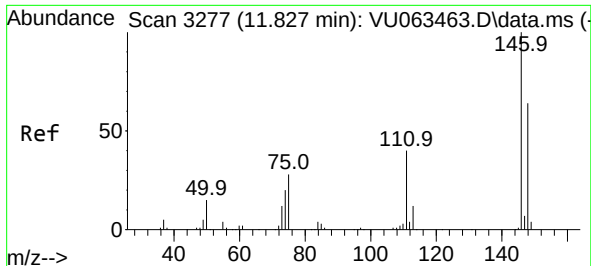
Tgt Ion:	119	Resp:	12403
Ion	Ratio	Lower	Upper
119	100		
134	24.8	13.0	38.9
91	28.6	13.0	38.9



#87
 1,3-Dichlorobenzene
 Concen: 2.517 ug/l
 RT: 11.746 min Scan# 3252
 Delta R.T. 0.010 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

Tgt Ion:	146	Resp:	6749
Ion	Ratio	Lower	Upper
146	100		
111	44.0	20.9	62.7
148	63.8	31.9	95.9

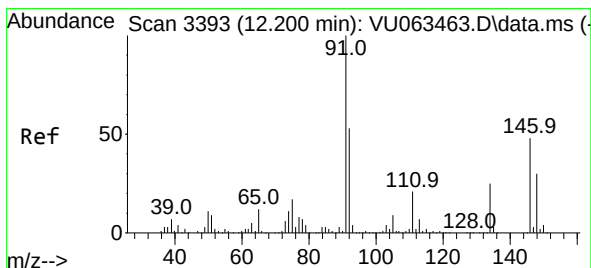
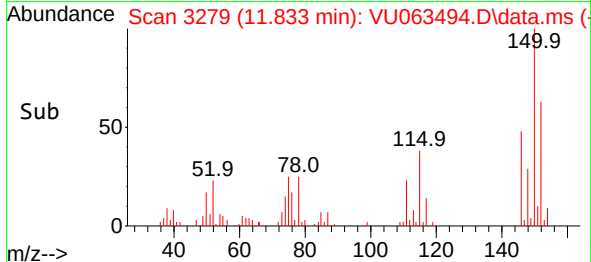
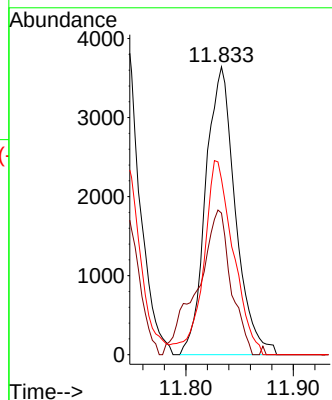
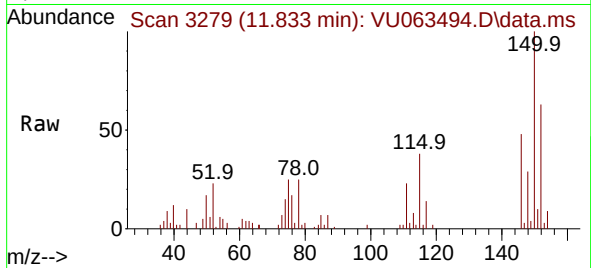




#88
1,4-Dichlorobenzene
Concen: 2.551 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

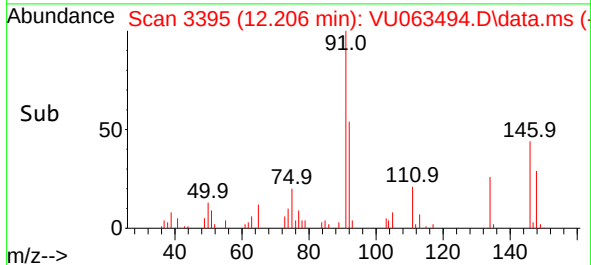
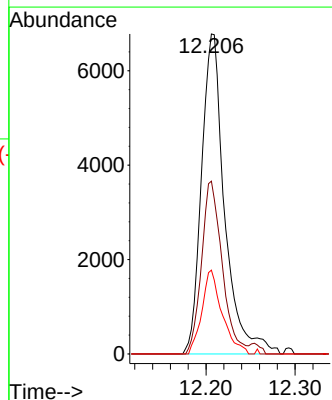
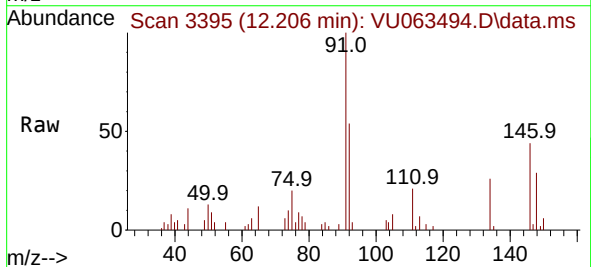
Instrument :
MSVOA_U
ClientSampleId :
MDL04

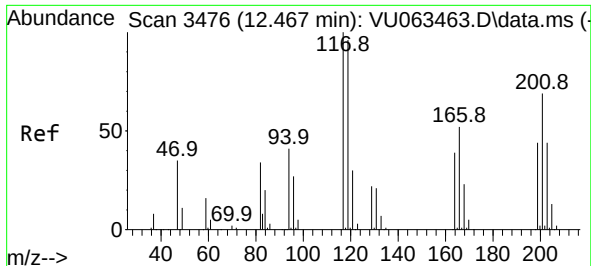
Tgt Ion:146 Resp: 6975
Ion Ratio Lower Upper
146 100
111 56.6 20.8 62.4
148 66.5 31.9 95.9



#89
n-Butylbenzene
Concen: 2.592 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion: 91 Resp: 12227
Ion Ratio Lower Upper
91 100
92 48.4 26.4 79.2
134 22.9 12.4 37.0

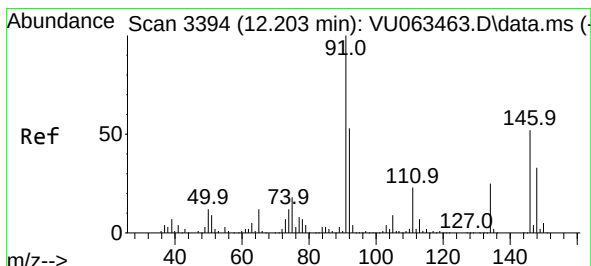
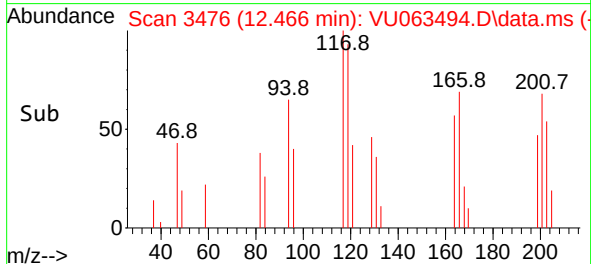
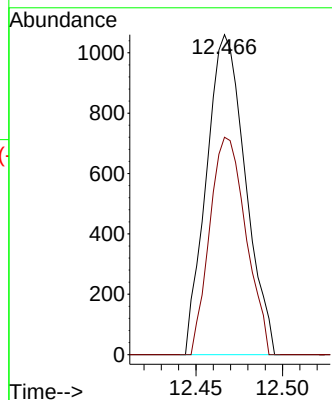
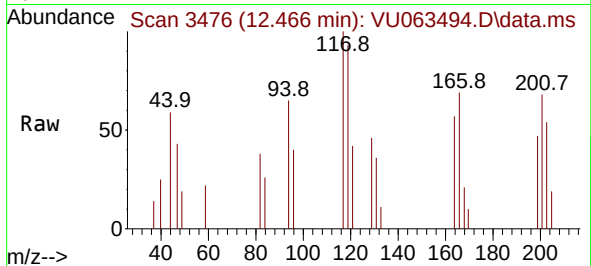




#90
Hexachloroethane
Concen: 1.946 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

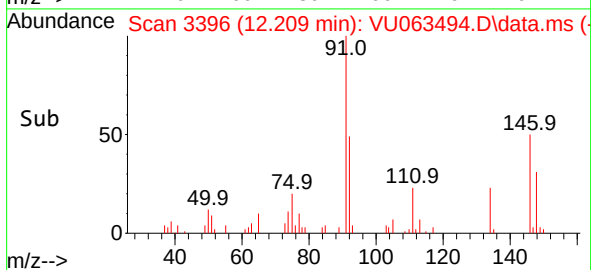
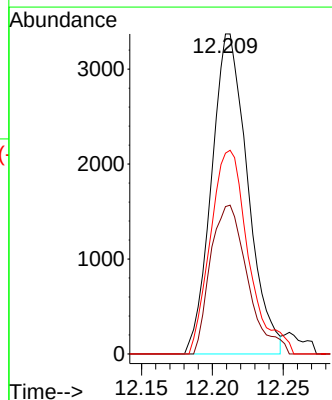
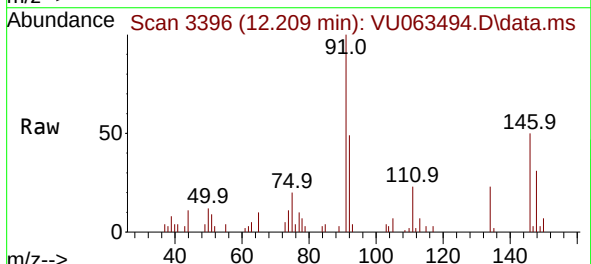
Instrument :
MSVOA_U
ClientSampleId :
MDL04

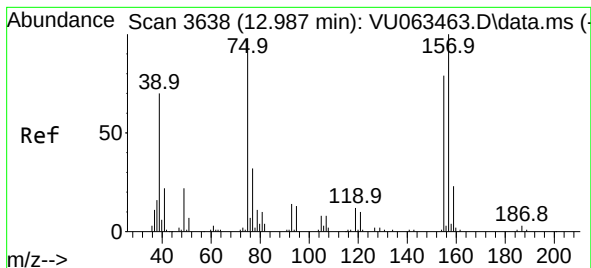
Tgt Ion:117 Resp: 1659
Ion Ratio Lower Upper
117 100
201 63.1 34.4 103.2



#91
1,2-Dichlorobenzene
Concen: 2.290 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:146 Resp: 5989
Ion Ratio Lower Upper
146 100
111 47.6 21.9 65.5
148 66.9 31.6 95.0

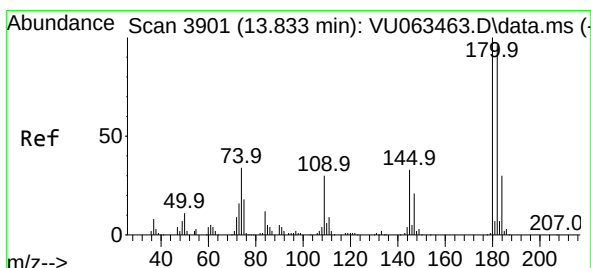
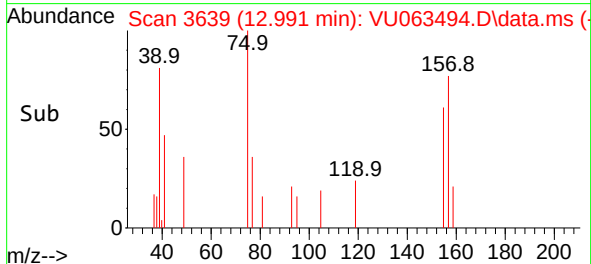
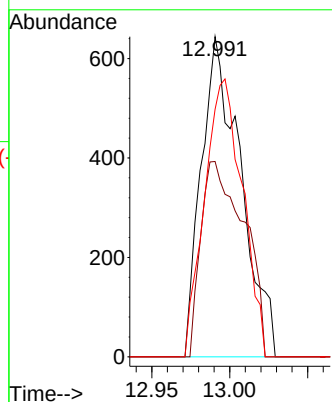
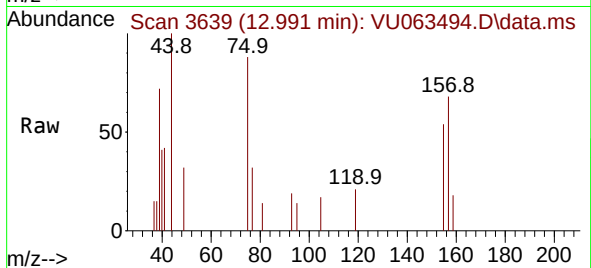




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.279 ug/l
 RT: 12.991 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

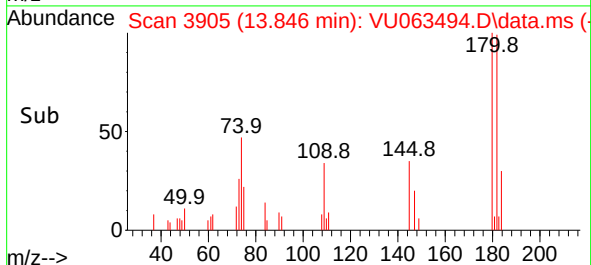
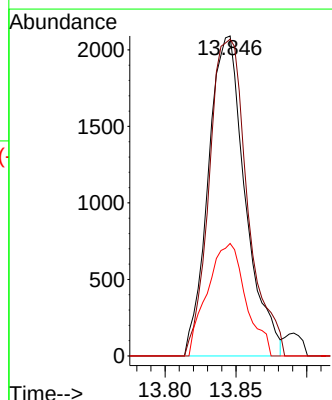
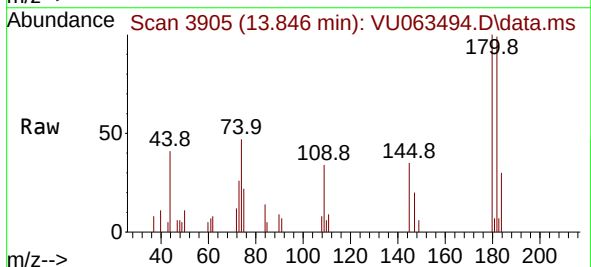
Instrument :
 MSVOA_U
 ClientSampleId :
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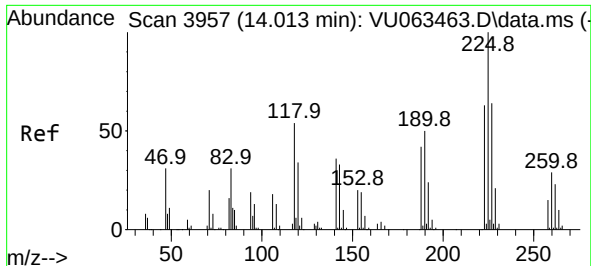
Tgt Ion: 75 Resp: 1128
 Ion Ratio Lower Upper
 75 100
 155 67.0 39.1 117.5
 157 83.8 49.4 148.2



#93
 1,2,4-Trichlorobenzene
 Concen: 2.265 ug/l
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.013 min
 Lab File: VU063494.D
 Acq: 11 Jul 2025 15:57

Tgt Ion: 180 Resp: 3793
 Ion Ratio Lower Upper
 180 100
 182 102.3 47.7 143.1
 145 36.5 16.6 49.7

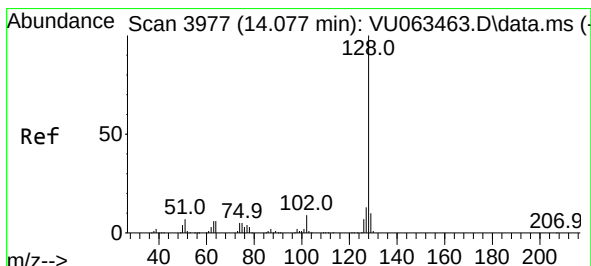
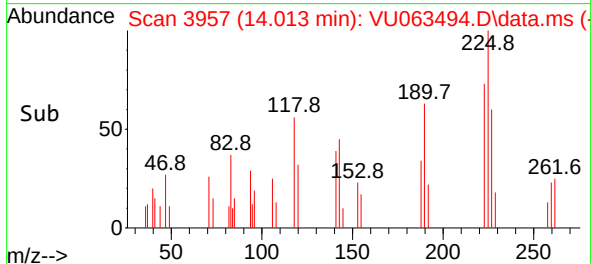
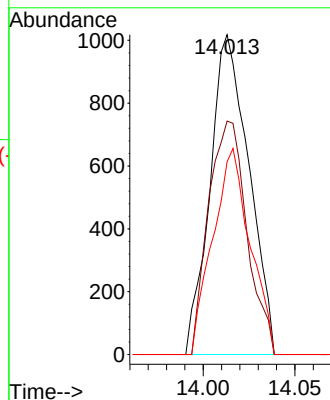
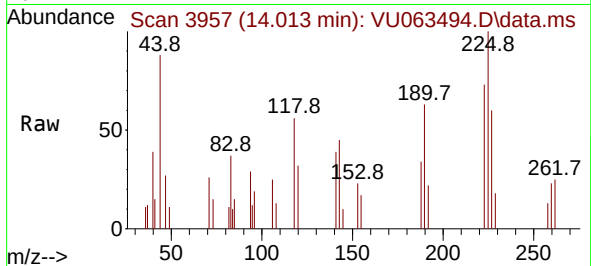




#94
Hexachlorobutadiene
Concen: 2.100 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

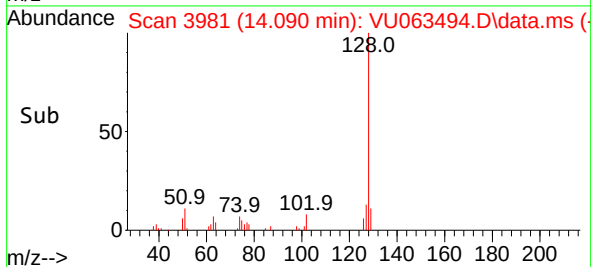
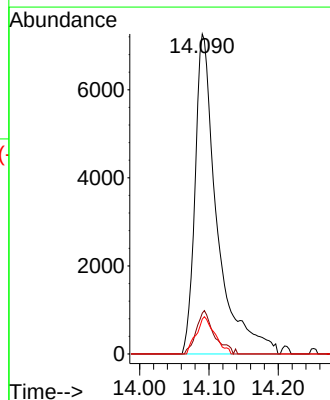
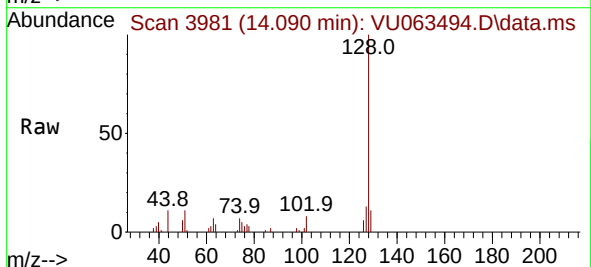
Instrument :
MSVOA_U
ClientSampleId :
MDL04

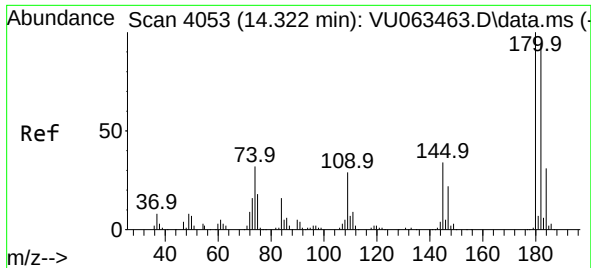
Tgt Ion:	225	Resp:	1503
Ion	Ratio	Lower	Upper
225	100		
223	71.9	32.4	97.0
227	61.7	32.3	96.9



#95
Naphthalene
Concen: 2.923 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.013 min
Lab File: VU063494.D
Acq: 11 Jul 2025 15:57

Tgt Ion:	128	Resp:	16031
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.4
129	9.8	8.6	12.8





#96

1,2,3-Trichlorobenzene

Concen: 2.451 ug/l

RT: 14.328 min Scan# 4053

Delta R.T. 0.006 min

Lab File: VU063494.D

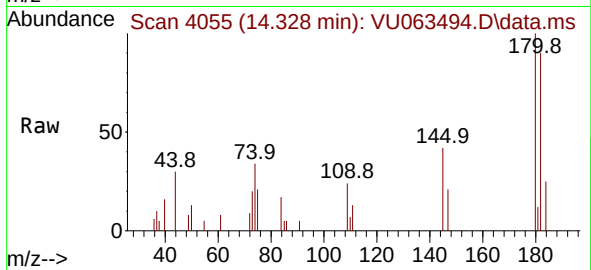
Acq: 11 Jul 2025 15:57

Instrument :

MSVOA_U

ClientSampleId :

MDL04



Tgt Ion:180 Resp: 4034

Ion Ratio Lower Upper

180 100

182 92.8 47.8 143.3

145 34.9 17.2 51.5

