

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063491.D
 Acq On : 11 Jul 2025 12:22
 Operator : MD/SY
 Sample : MDL05
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jul 12 03:51:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	102275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	187597	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.406	117	173761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	87861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	72950	55.904	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.800%	
35) Dibromofluoromethane	5.274	113	57185	50.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	7.888	98	178100	48.317	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.640%	
62) 4-Bromofluorobenzene	10.624	95	82629	51.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	388	0.477	ug/l #	43
3) Chloromethane	1.518	50	815	0.823	ug/l #	87
4) Vinyl Chloride	1.599	62	709	0.645	ug/l #	76
5) Bromomethane	1.850	94	980	1.273	ug/l	99
6) Chloroethane	1.924	64	933	1.172	ug/l #	85
7) Trichlorofluoromethane	2.126	101	989	0.558	ug/l	97
8) Diethyl Ether	2.367	74	300	0.406	ug/l	56
9) 1,1,2-Trichlorotrifluo...	2.560	101	515	0.491	ug/l #	50
10) Methyl Iodide	2.705	142	791	0.722	ug/l	93
11) Tert butyl alcohol	3.171	59	630	1.440	ug/l #	1
12) 1,1-Dichloroethene	2.567	96	629	0.645	ug/l #	92
13) Acrolein	2.470	56	158	2.558	ug/l	89
14) Allyl chloride	2.904	41	730	0.314	ug/l #	41
15) Acrylonitrile	3.309	53	2645	2.822	ug/l #	79
16) Acetone	2.621	43	3927	3.588	ug/l #	87
17) Carbon Disulfide	2.776	76	2334	1.001	ug/l #	93
18) Methyl Acetate	2.946	43	1825	0.648	ug/l	96
19) Methyl tert-butyl Ether	3.358	73	2240	0.532	ug/l #	89
20) Methylene Chloride	3.030	84	1287	0.806	ug/l #	90
21) trans-1,2-Dichloroethene	3.332	96	851	0.812	ug/l	84
22) Diisopropyl ether	3.991	45	1976	0.500	ug/l #	52
23) Vinyl Acetate	3.923	43	232	0.076	ug/l #	73
24) 1,1-Dichloroethane	3.856	63	1071	0.477	ug/l #	82
25) 2-Butanone	4.702	43	109	0.089	ug/l #	49
26) 2,2-Dichloropropane	4.640	77	946	0.484	ug/l #	74
27) cis-1,2-Dichloroethene	4.650	96	709	0.512	ug/l	88
28) Bromochloromethane	4.965	49	354	0.336	ug/l #	69
29) Tetrahydrofuran	5.071	42	2116	2.730	ug/l #	76
30) Chloroform	5.074	83	1407	0.594	ug/l #	76
31) Cyclohexane	5.354	56	3721	2.062	ug/l #	52
32) 1,1,1-Trichloroethane	5.300	97	990	0.491	ug/l #	38
36) 1,1-Dichloropropene	5.521	75	942	0.613	ug/l #	72
37) Ethyl Acetate	4.824	43	169	0.068	ug/l #	70
38) Carbon Tetrachloride	5.357	117	10779	6.367	ug/l #	16
39) Methylcyclohexane	6.753	83	1054	0.568	ug/l	95
40) Benzene	5.772	78	2402	0.501	ug/l #	90

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 MDL05

Quant Time: Jul 12 03:51:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.968	41	127	0.108	ug/l #	21
42) 1,2-Dichloroethane	5.792	62	1057	0.586	ug/l #	76
43) Isopropyl Acetate	5.943	43	1826	0.552	ug/l #	61
44) Trichloroethene	6.531	130	561	0.437	ug/l	89
45) 1,2-Dichloropropane	6.779	63	425	0.319	ug/l #	43
46) Dibromomethane	6.910	93	446	0.470	ug/l #	73
47) Bromodichloromethane	7.100	83	690	0.350	ug/l #	83
48) Methyl methacrylate	6.930	41	106	0.069	ug/l #	22
49) 1,4-Dioxane	6.975	88	86	2.565	ug/l #	24
51) 4-Methyl-2-Pentanone	7.795	43	6693	2.798	ug/l	89
52) Toluene	7.968	92	1379	0.439	ug/l	82
53) t-1,3-Dichloropropene	8.209	75	743	0.430	ug/l	91
54) cis-1,3-Dichloropropene	7.598	75	676	0.350	ug/l #	88
55) 1,1,2-Trichloroethane	8.396	97	608	0.456	ug/l #	74
56) Ethyl methacrylate	8.335	69	422	0.196	ug/l #	1
57) 1,3-Dichloropropane	8.573	76	903	0.411	ug/l #	76
59) 2-Hexanone	8.695	43	5216	2.883	ug/l	99
60) Dibromochloromethane	8.798	129	606	0.406	ug/l	95
61) 1,2-Dibromoethane	8.910	107	665	0.508	ug/l #	79
64) Tetrachloroethene	8.541	164	623	0.482	ug/l #	66
65) Chlorobenzene	9.444	112	2003	0.554	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.521	131	434	0.350	ug/l #	61
67) Ethyl Benzene	9.569	91	3359	0.541	ug/l #	85
68) m/p-Xylenes	9.688	106	2277	0.960	ug/l	90
69) o-Xylene	10.094	106	1115	0.462	ug/l	93
70) Styrene	10.119	104	1619	0.422	ug/l	96
71) Bromoform	10.283	173	391	0.362	ug/l #	65
73) Isopropylbenzene	10.479	105	2998	0.501	ug/l	91
74) N-amyl acetate	10.303	43	130	0.048	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	10.778	83	1130	0.514	ug/l #	82
76) 1,2,3-Trichloropropane	10.624	75	44746	19.220	ug/l #	86
77) Bromobenzene	10.778	156	806	0.550	ug/l	85
78) n-propylbenzene	10.904	91	4044	0.583	ug/l	98
79) 2-Chlorotoluene	10.981	91	2409	0.554	ug/l	91
80) 1,3,5-Trimethylbenzene	11.084	105	2577	0.493	ug/l	82
81) trans-1,4-Dichloro-2-b...	10.624	75	44746	95.857	ug/l #	12
82) 4-Chlorotoluene	11.097	91	2818	0.571	ug/l	77
83) tert-Butylbenzene	11.412	119	2593	0.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.467	105	2310	0.450	ug/l	96
85) sec-Butylbenzene	11.637	105	3322	0.502	ug/l	99
86) p-Isopropyltoluene	11.791	119	2728	0.508	ug/l	82
87) 1,3-Dichlorobenzene	11.740	146	1738	0.615	ug/l	92
88) 1,4-Dichlorobenzene	11.740	146	1738	0.604	ug/l	92
89) n-Butylbenzene	12.206	91	3862	0.777	ug/l	88
90) Hexachloroethane	12.466	117	251	0.280	ug/l #	15
91) 1,2-Dichlorobenzene	12.219	146	1665	0.605	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.997	75	233	0.447	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.849	180	1352	0.767	ug/l	85
94) Hexachlorobutadiene	14.010	225	367	0.487	ug/l	74
95) Naphthalene	14.097	128	7909	1.369	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.331	180	1559	0.900	ug/l	89

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Misc : 5mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

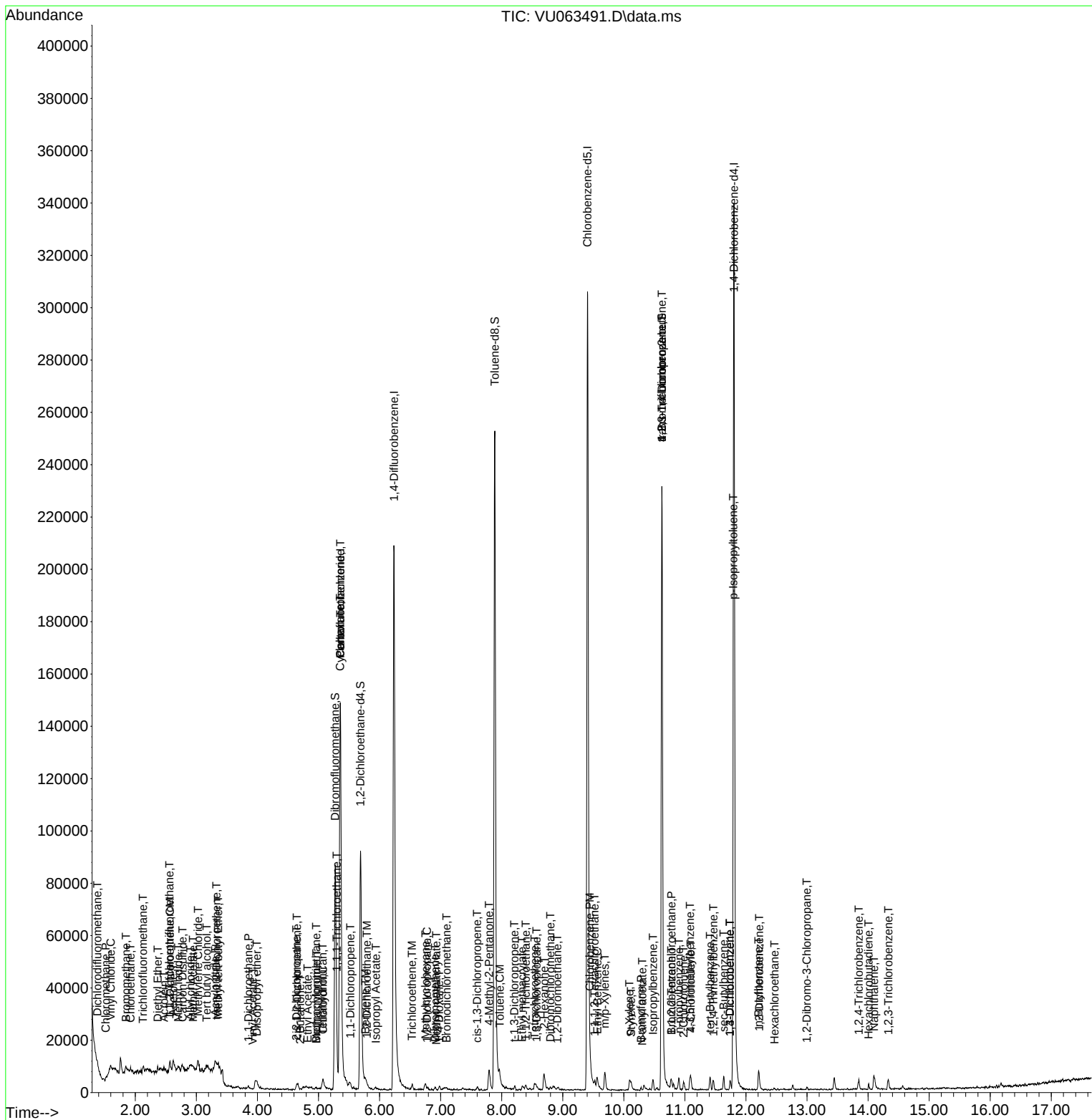
Instrument :
MSVOA_U
ClientSampleId :
MDL05

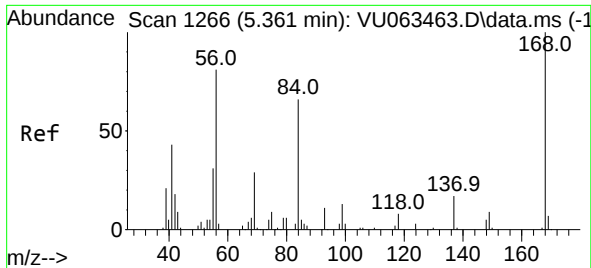
Quant Time: Jul 12 03:51:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

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

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

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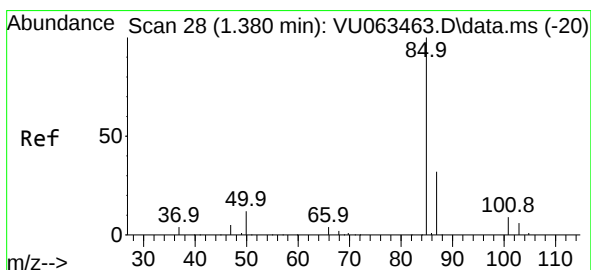
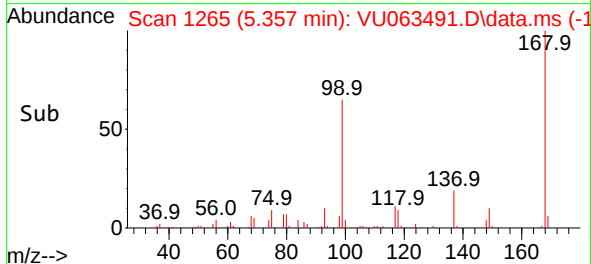
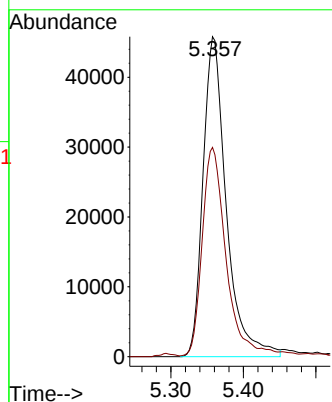
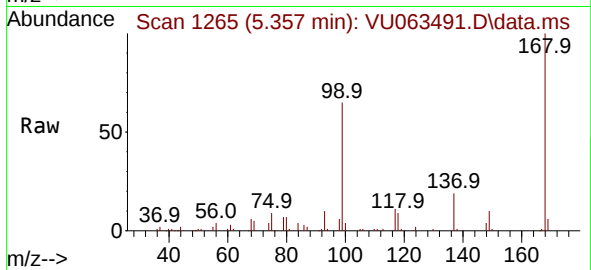




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

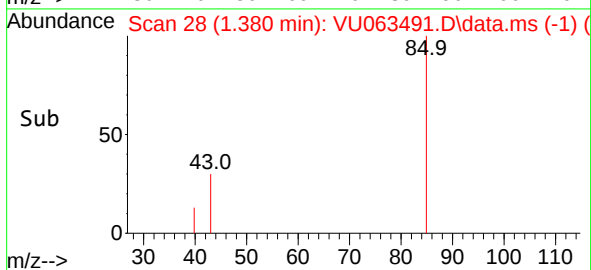
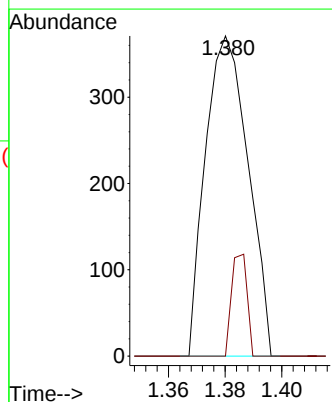
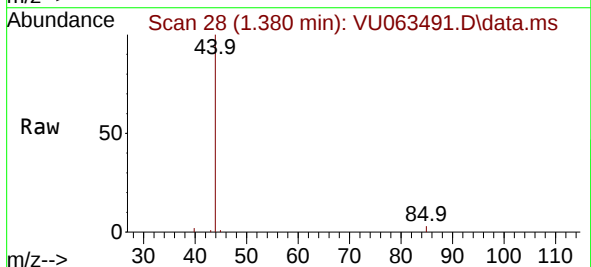
Instrument :
MSVOA_U
ClientSampleId :
MDL05

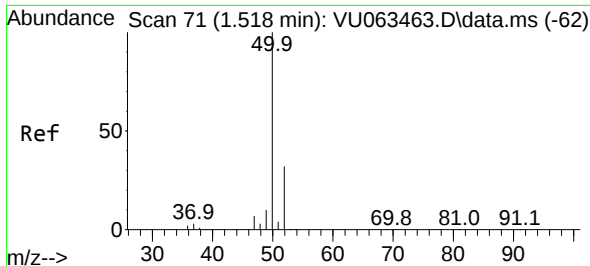
Tgt Ion:168 Resp: 102275
Ion Ratio Lower Upper
168 100
99 65.1 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.477 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 85 Resp: 388
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

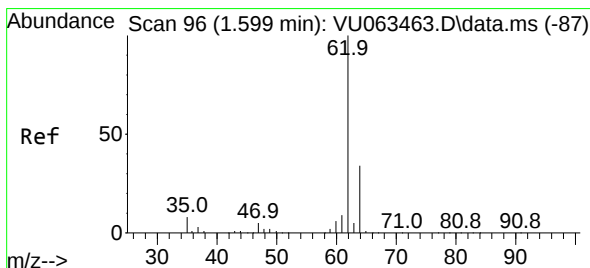
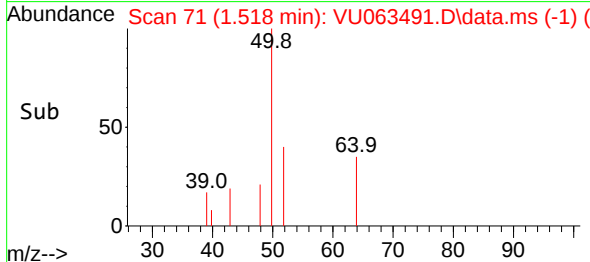
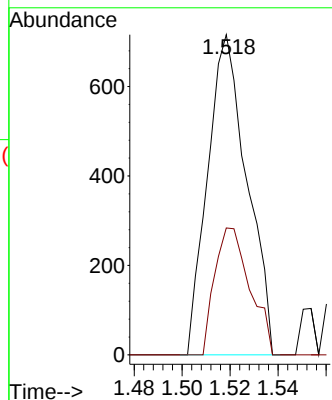
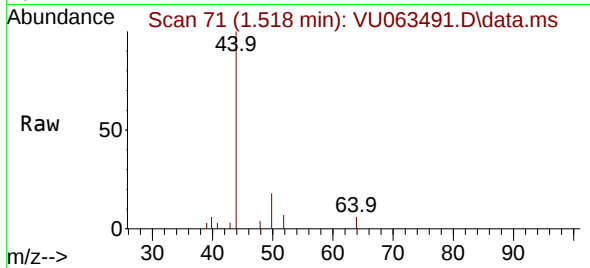




#3
Chloromethane
Concen: 0.823 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

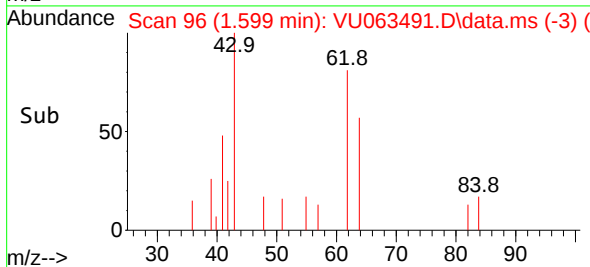
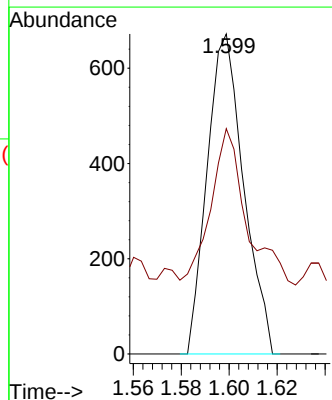
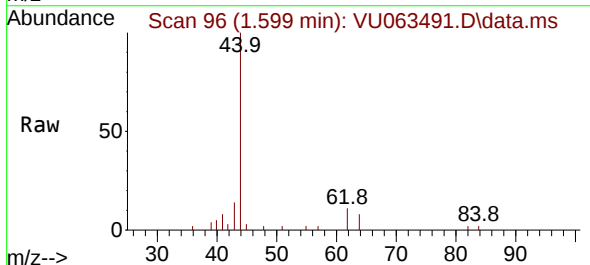
Instrument :
MSVOA_U
ClientSampleId :
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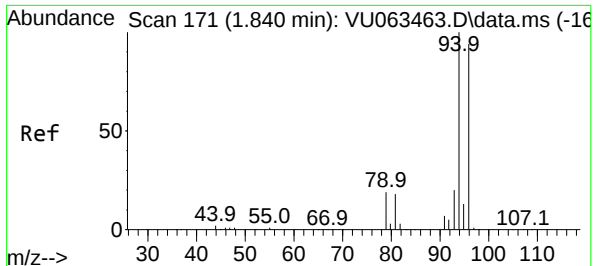
Tgt Ion: 50 Resp: 815
Ion Ratio Lower Upper
50 100
52 39.7 25.8 38.8#



#4
Vinyl Chloride
Concen: 0.645 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
64 47.3 26.9 40.3#

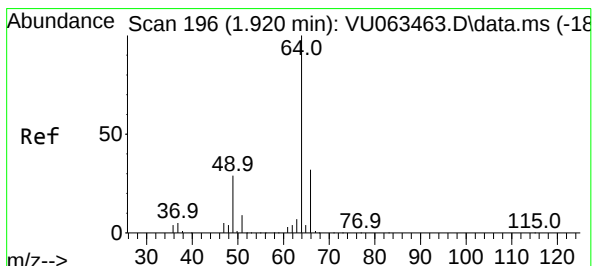
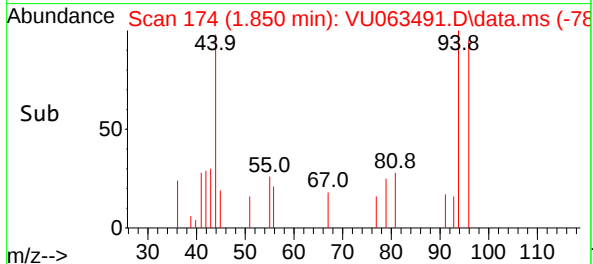
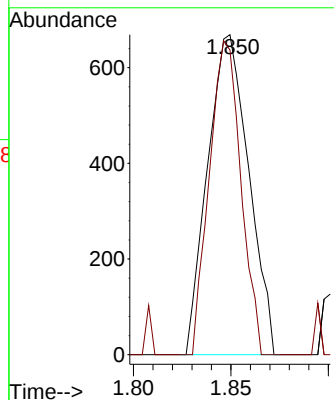
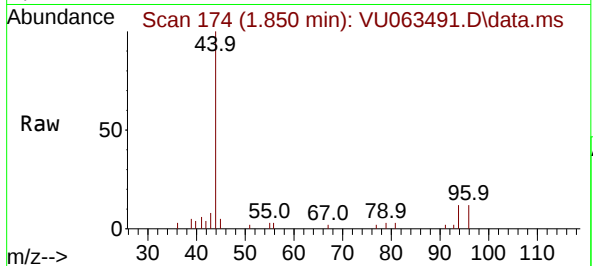




#5
Bromomethane
Concen: 1.273 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

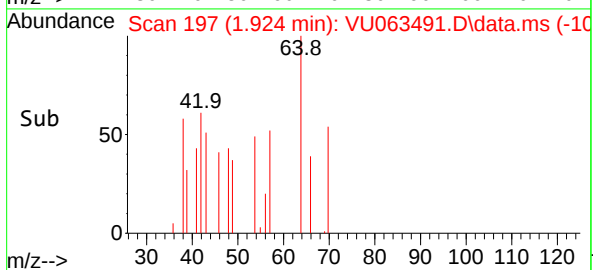
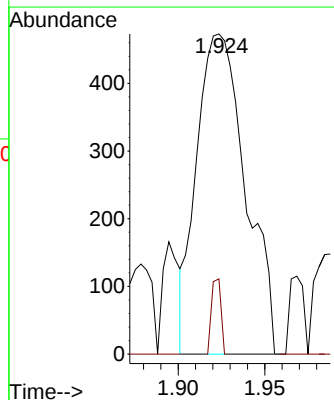
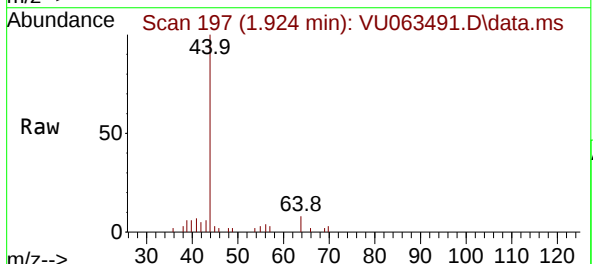
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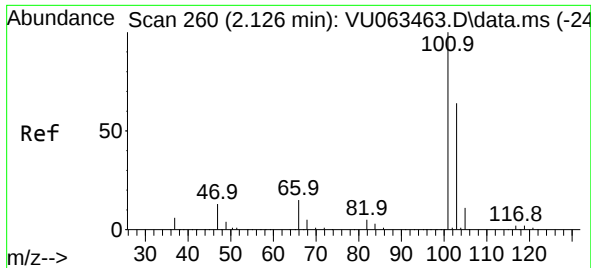
Tgt Ion: 94 Resp: 980
Ion Ratio Lower Upper
94 100
96 95.2 75.5 113.3



#6
Chloroethane
Concen: 1.172 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 64 Resp: 933
Ion Ratio Lower Upper
64 100
66 23.5 25.3 37.9#

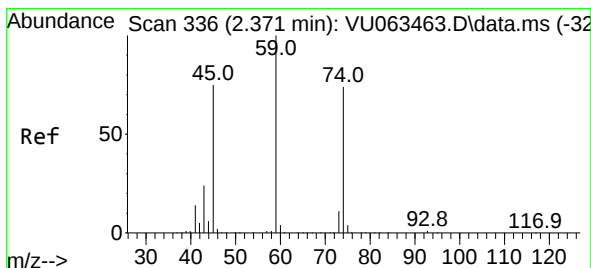
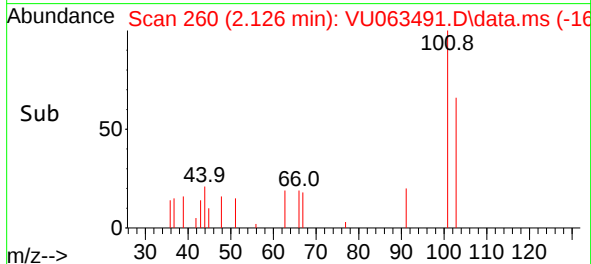
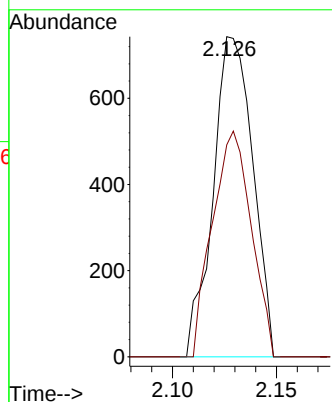
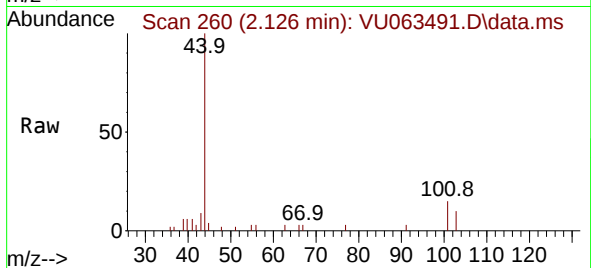




#7
 Trichlorofluoromethane
 Concen: 0.558 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

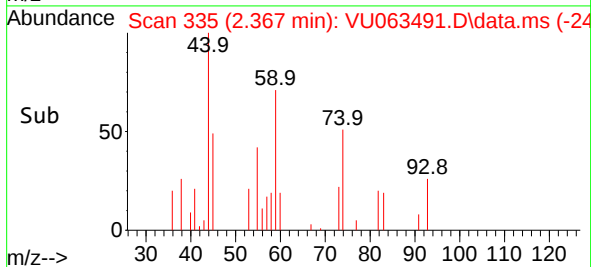
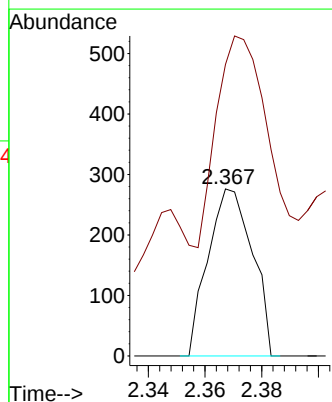
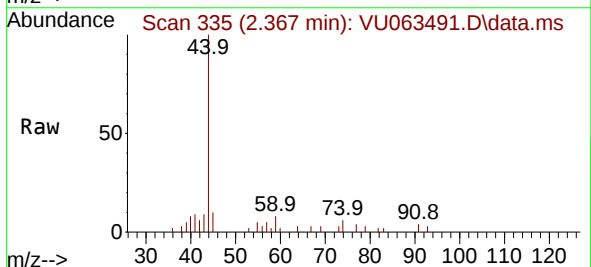
Instrument :
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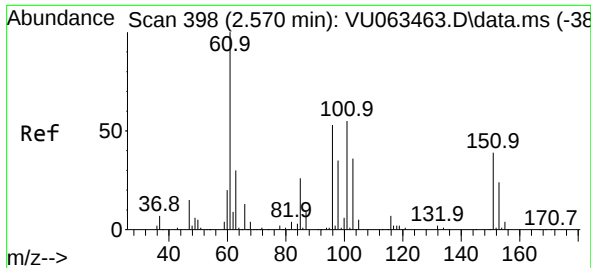
Tgt Ion:101 Resp: 989
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.1 76.7



#8
 Diethyl Ether
 Concen: 0.406 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion: 74 Resp: 300
 Ion Ratio Lower Upper
 74 100
 45 143.7 49.7 149.1

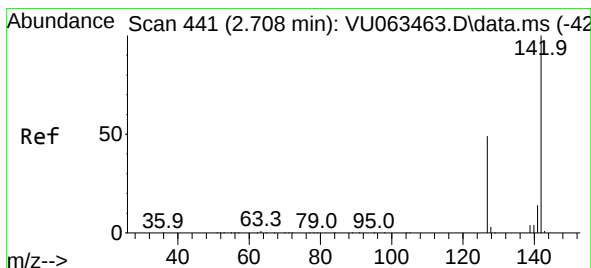
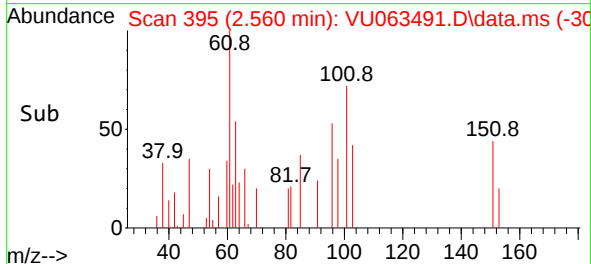
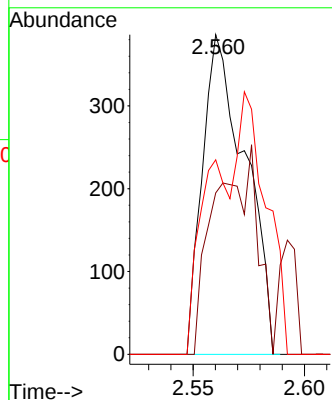
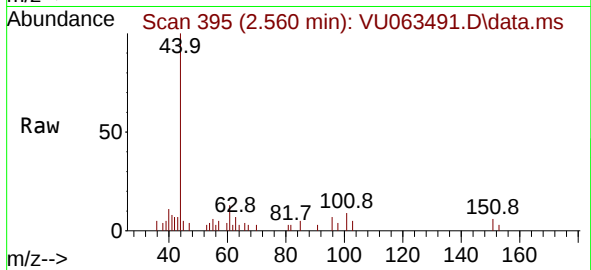




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.491 ug/l
RT: 2.560 min Scan# 398
Delta R.T. -0.010 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

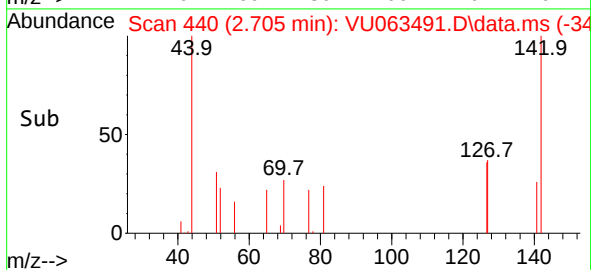
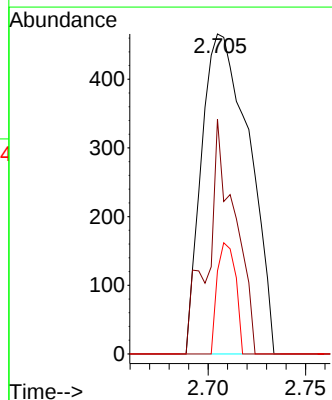
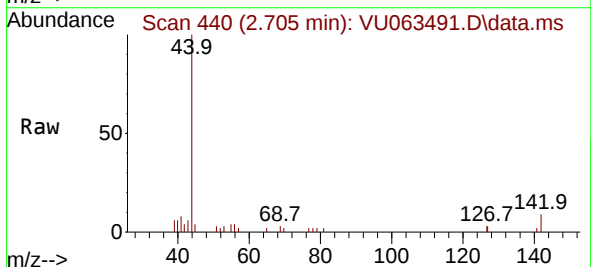
Instrument :
MSVOA_U
ClientSampleId :
MDL05

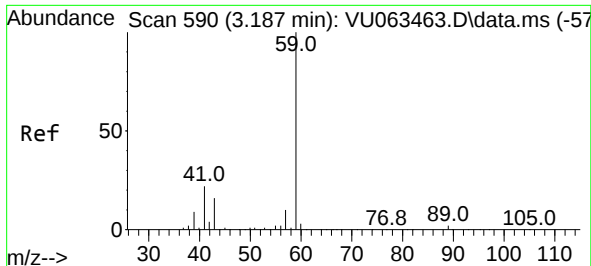
Tgt Ion:101 Resp: 515
Ion Ratio Lower Upper
101 100
85 0.0 39.6 59.4#
151 43.3 57.2 85.8#



#10
Methyl Iodide
Concen: 0.722 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:142 Resp: 791
Ion Ratio Lower Upper
142 100
127 42.0 38.2 57.4
141 13.3 11.1 16.7

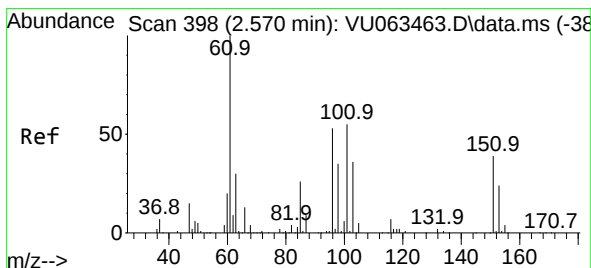
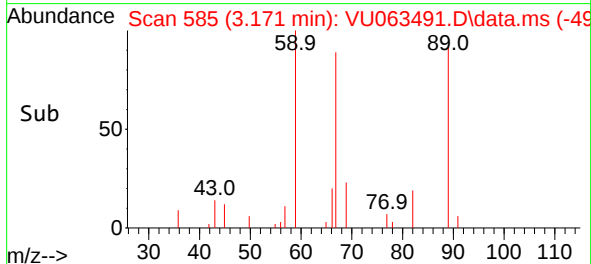
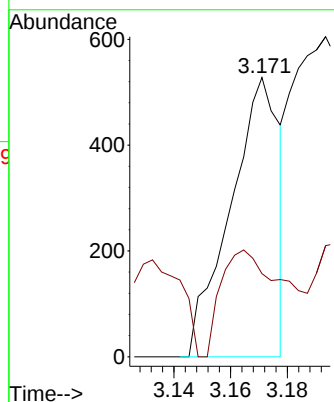
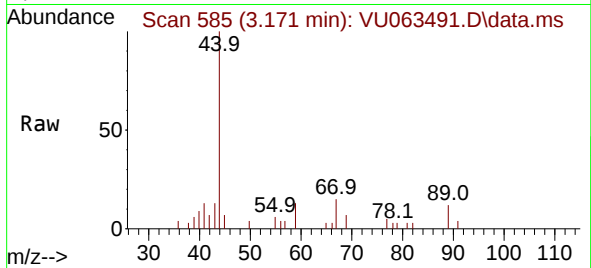




#11
Tert butyl alcohol
Concen: 1.440 ug/l
RT: 3.171 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

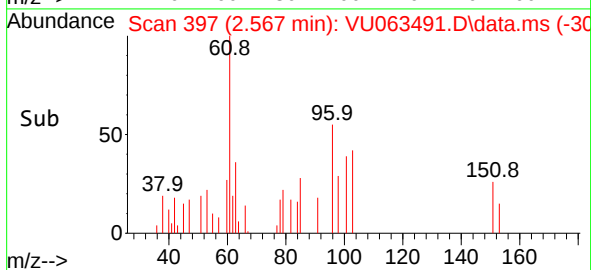
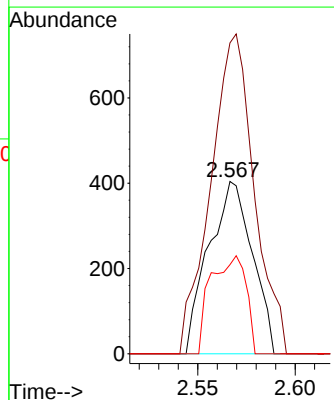
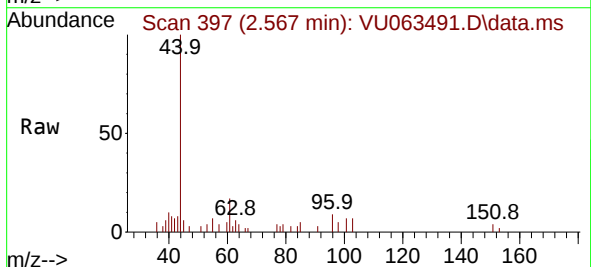
Instrument :
MSVOA_U
ClientSampleId :
MDL05

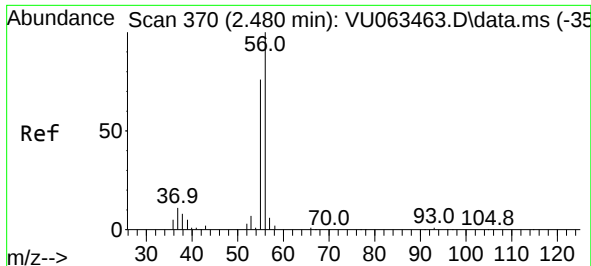
Tgt Ion: 59 Resp: 630
Ion Ratio Lower Upper
59 100
57 51.9 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.645 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 96 Resp: 629
Ion Ratio Lower Upper
96 100
61 180.4 149.6 224.4
98 51.7 52.0 78.0#





#13

Acrolein

Concen: 2.558 ug/l

RT: 2.470 min Scan# 3

Delta R.T. -0.010 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

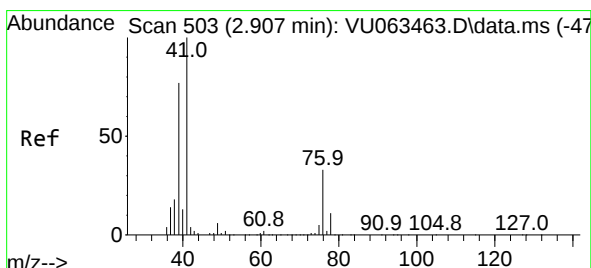
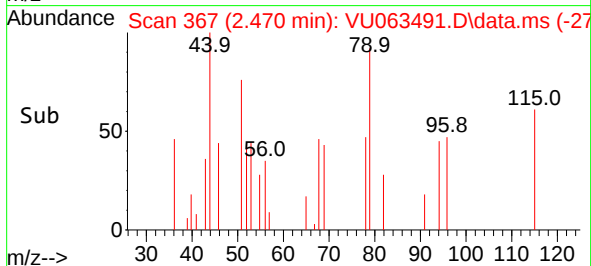
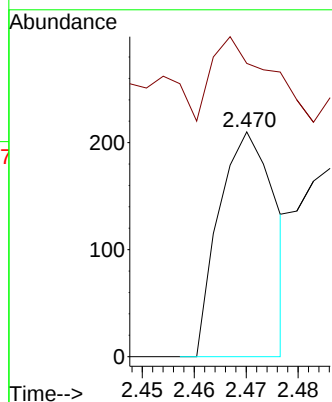
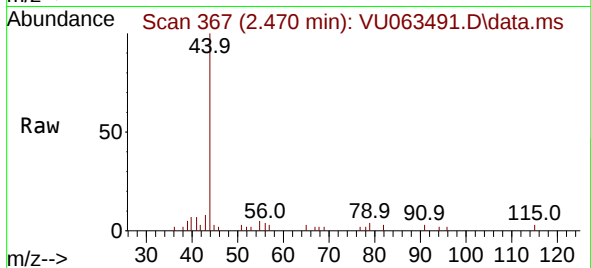
MDL05

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 65.8 60.2 90.2



#14

Allyl chloride

Concen: 0.314 ug/l

RT: 2.904 min Scan# 502

Delta R.T. -0.003 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

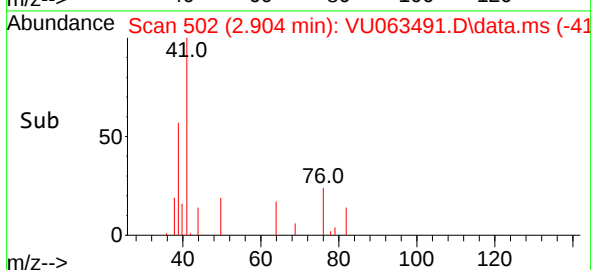
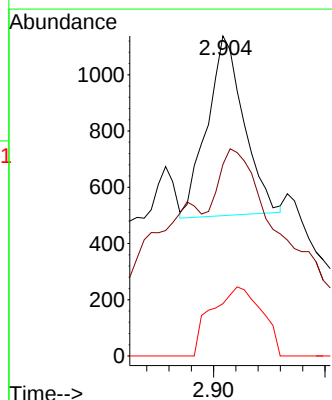
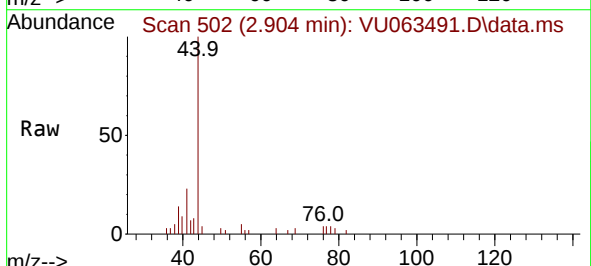
Tgt Ion: 41 Resp: 730

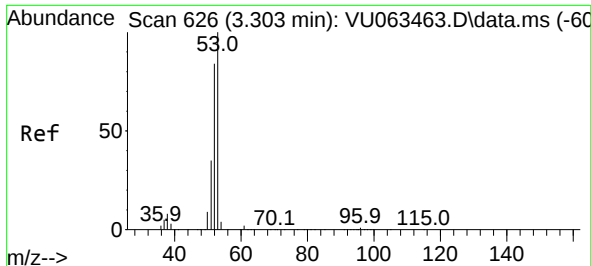
Ion Ratio Lower Upper

41 100

39 120.1 53.9 80.9#

76 52.5 23.1 34.7#

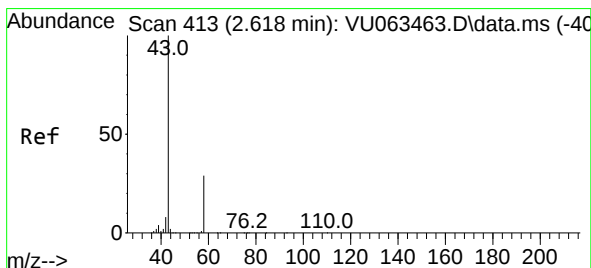
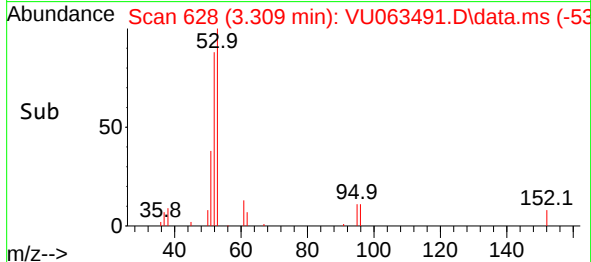
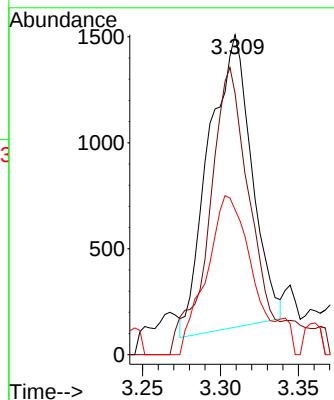
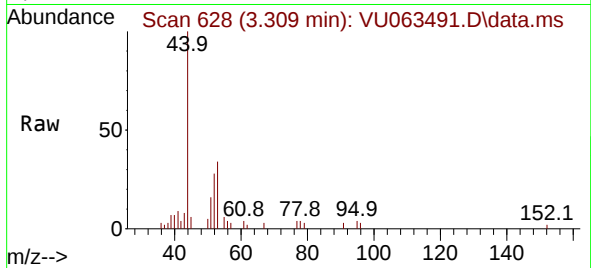




#15
Acrylonitrile
Concen: 2.822 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

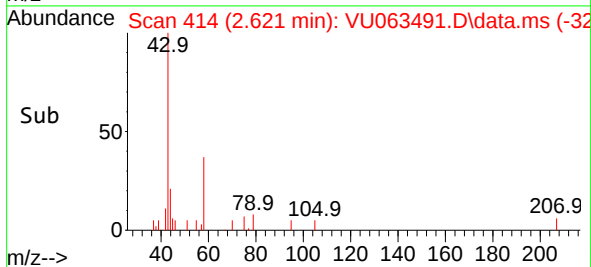
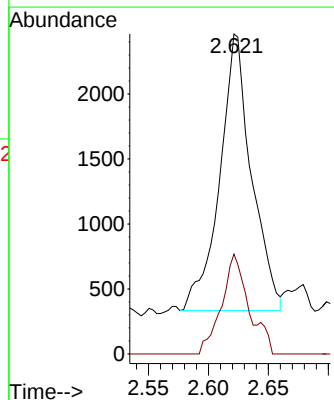
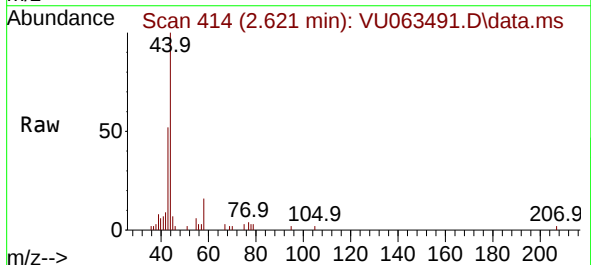
Instrument :
MSVOA_U
ClientSampleId :
MDL05

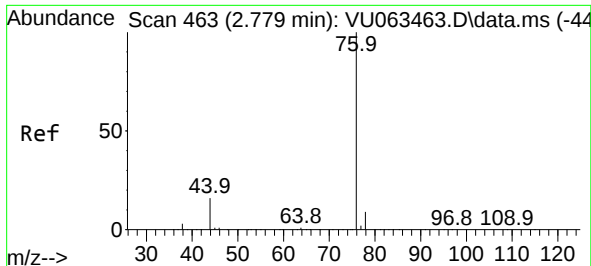
Tgt Ion: 53 Resp: 2645
Ion Ratio Lower Upper
53 100
52 93.6 65.0 97.4
51 56.7 28.8 43.2#



#16
Acetone
Concen: 3.588 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 43 Resp: 3927
Ion Ratio Lower Upper
43 100
58 36.1 23.1 34.7#

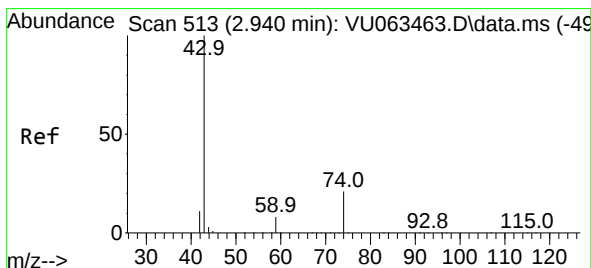
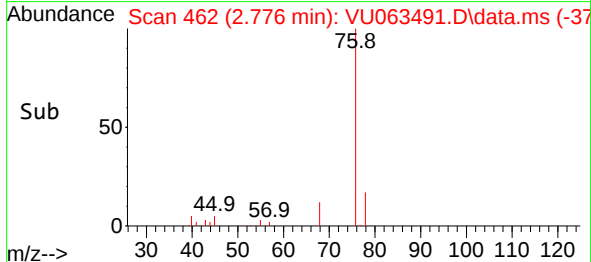
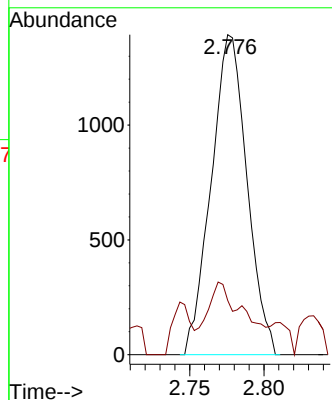
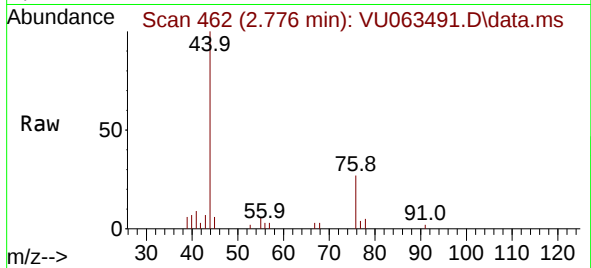




#17
Carbon Disulfide
Concen: 1.001 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

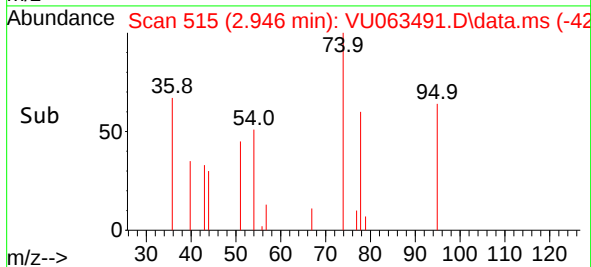
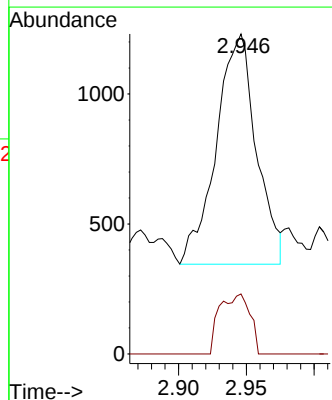
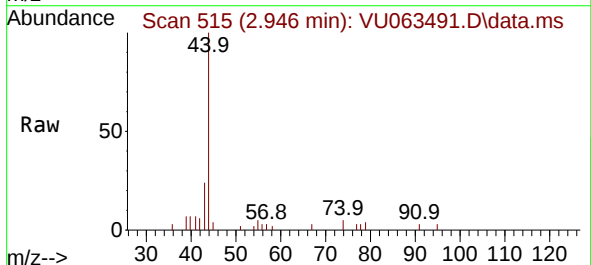
Instrument :
MSVOA_U
ClientSampleId :
MDL05

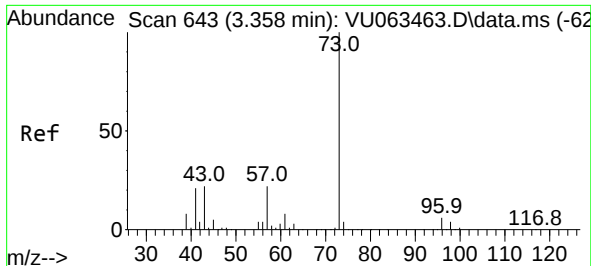
Tgt Ion: 76 Resp: 2334
Ion Ratio Lower Upper
76 100
78 6.9 7.5 11.3#



#18
Methyl Acetate
Concen: 0.648 ug/l
RT: 2.946 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
74 19.6 17.3 25.9

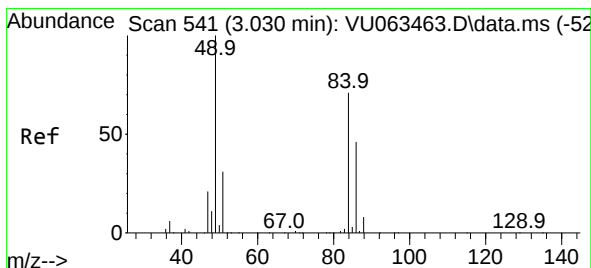
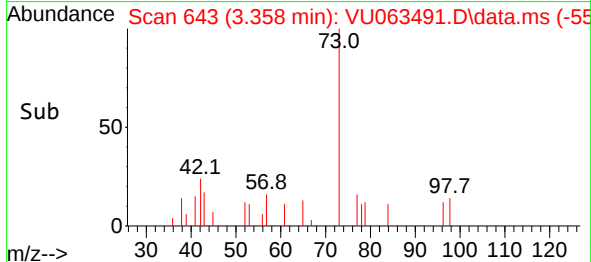
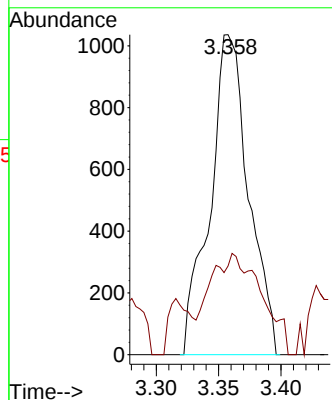
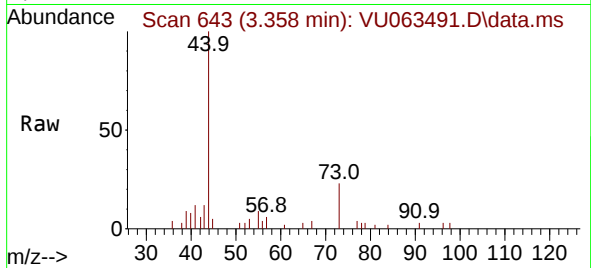




#19
Methyl tert-butyl Ether
Concen: 0.532 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

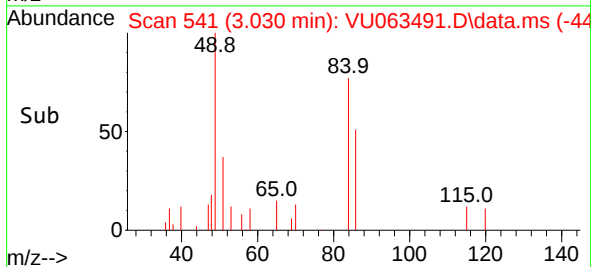
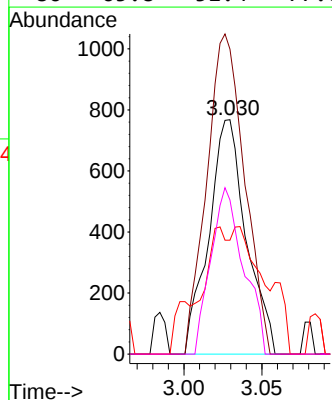
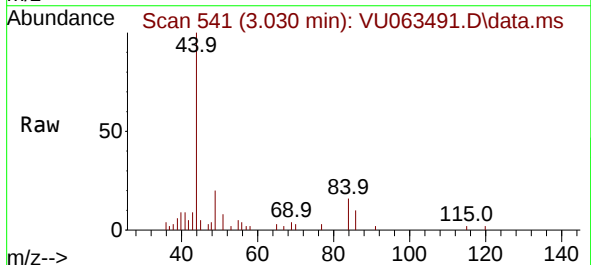
Instrument :
MSVOA_U
ClientSampleId :
MDL05

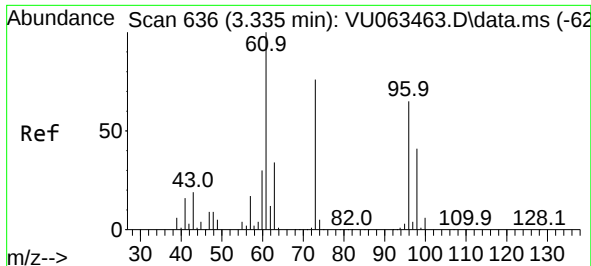
Tgt Ion: 73 Resp: 2240
Ion Ratio Lower Upper
73 100
57 16.8 17.8 26.6#



#20
Methylene Chloride
Concen: 0.806 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 84 Resp: 1287
Ion Ratio Lower Upper
84 100
49 130.1 112.1 168.1
51 26.2 34.4 51.6#
86 65.8 51.4 77.0

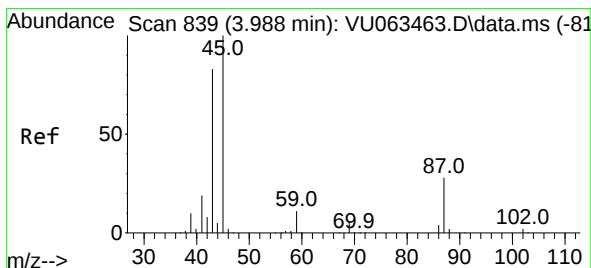
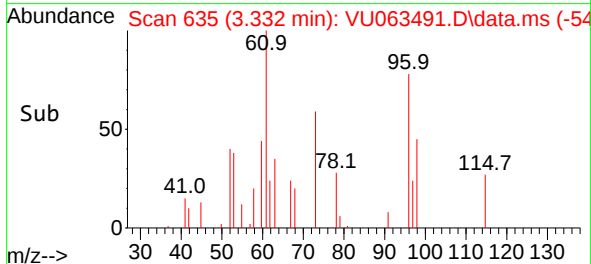
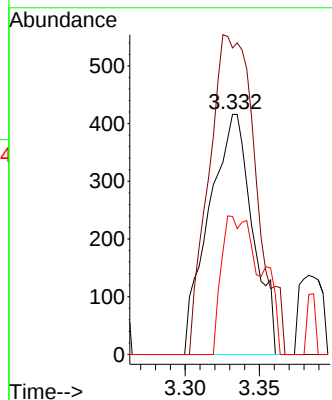
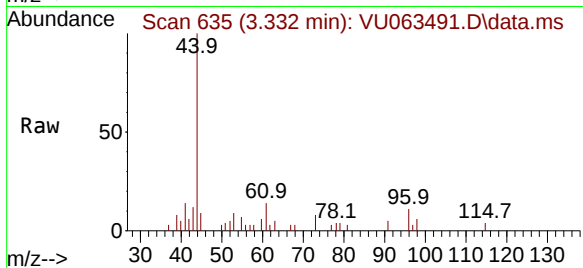




#21
trans-1,2-Dichloroethene
Concen: 0.812 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

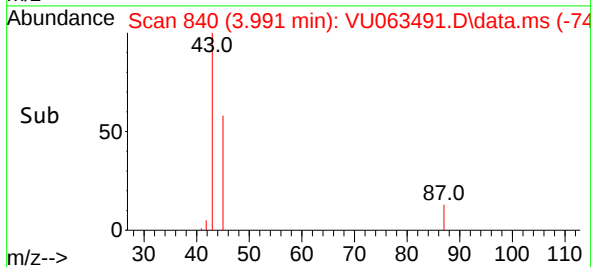
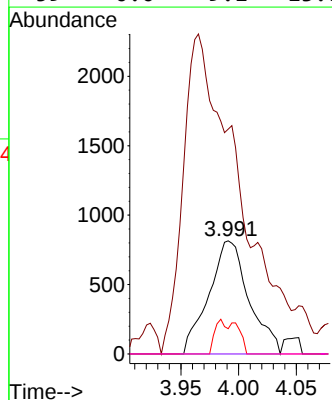
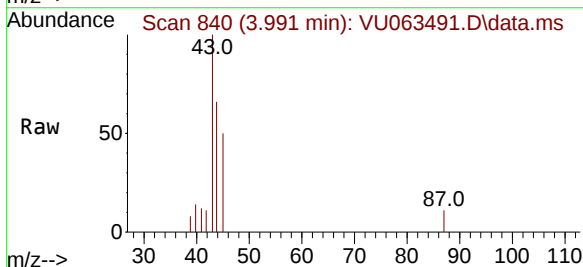
Instrument :
MSVOA_U
ClientSampleId :
MDL05

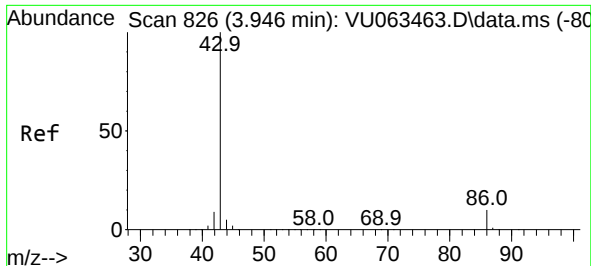
Tgt Ion: 96 Resp: 851
Ion Ratio Lower Upper
96 100
61 127.6 122.2 183.4
98 57.5 49.9 74.9



#22
Diisopropyl ether
Concen: 0.500 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 45 Resp: 1976
Ion Ratio Lower Upper
45 100
43 140.5 66.5 99.7#
87 22.3 22.6 33.8#
59 0.0 9.1 13.7#

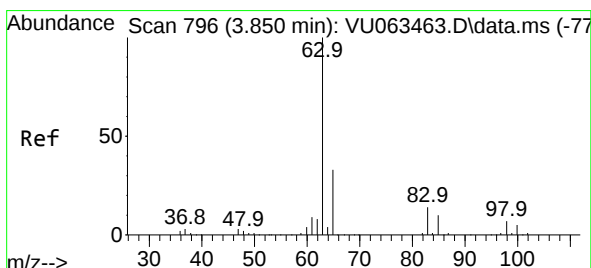
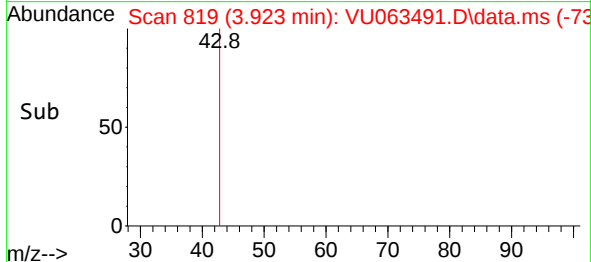
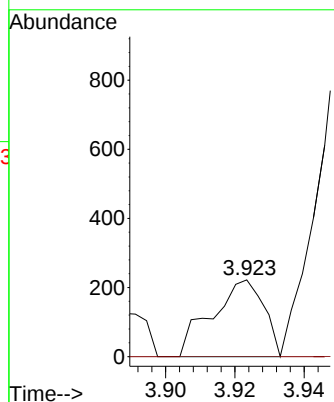
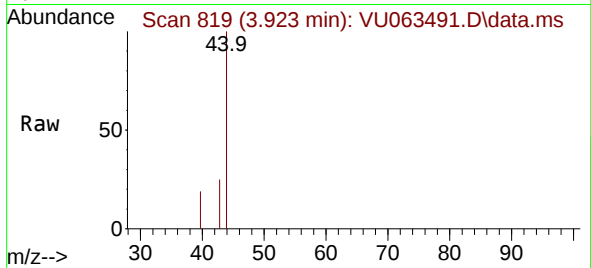




#23
 Vinyl Acetate
 Concen: 0.076 ug/l
 RT: 3.923 min Scan# 819
 Delta R.T. -0.023 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

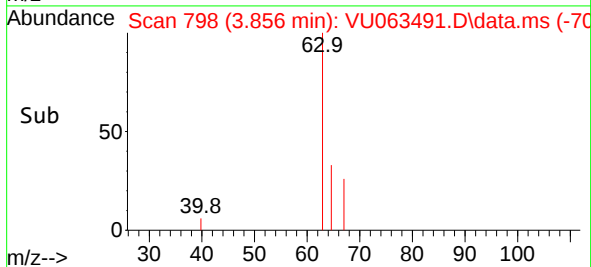
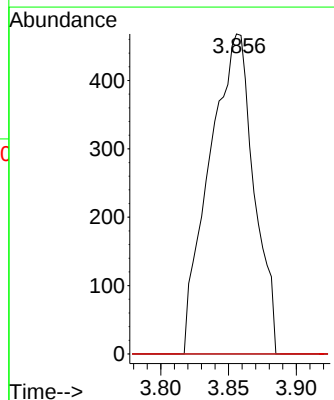
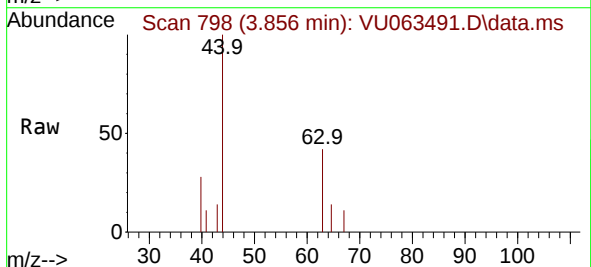
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

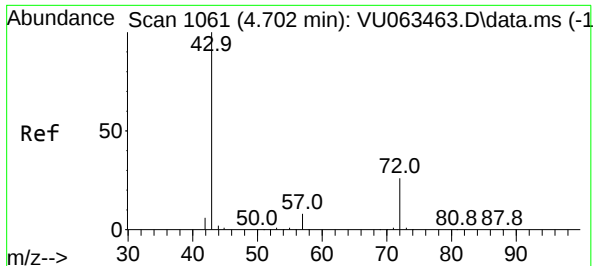
Tgt Ion: 43 Resp: 232
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 0.477 ug/l
 RT: 3.856 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion: 63 Resp: 1071
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.089 ug/l

RT: 4.702 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

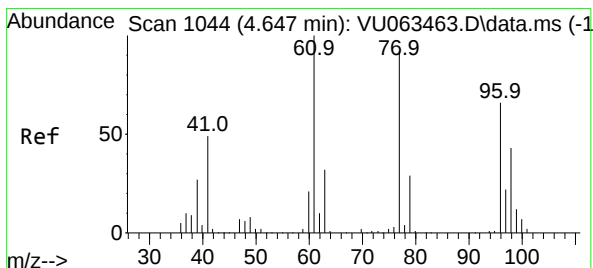
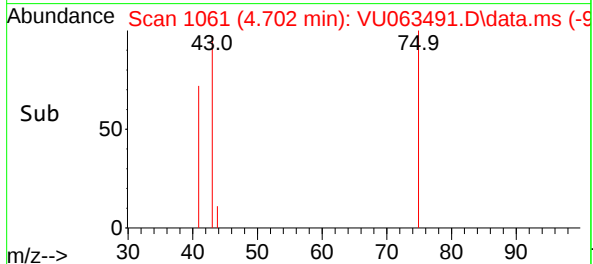
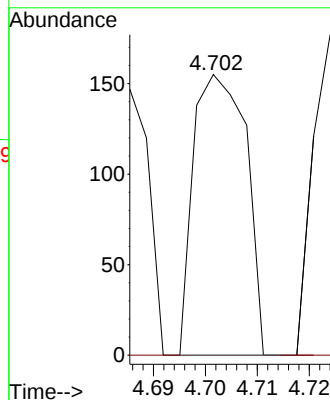
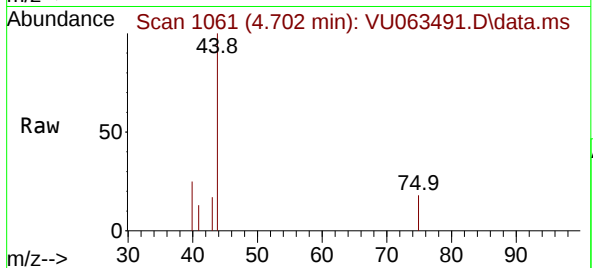
MDL05

Tgt Ion: 43 Resp: 109

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.484 ug/l

RT: 4.640 min Scan# 1042

Delta R.T. -0.007 min

Lab File: VU063491.D

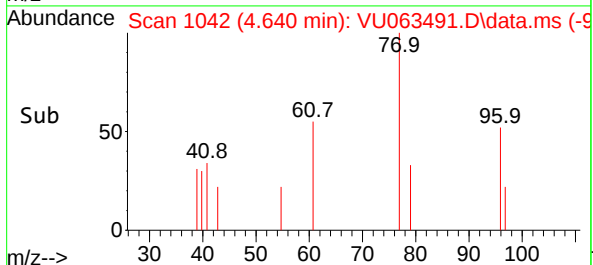
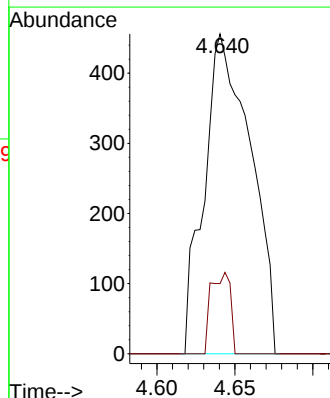
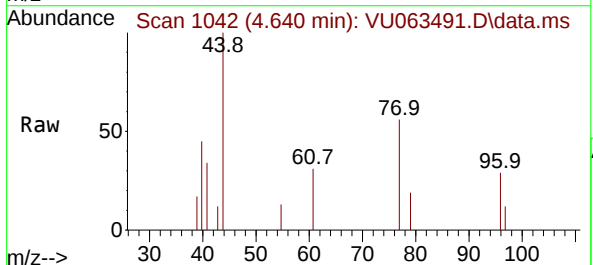
Acq: 11 Jul 2025 12:22

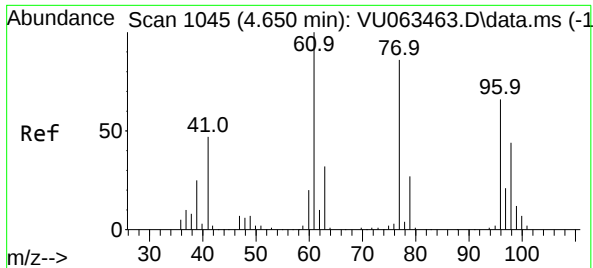
Tgt Ion: 77 Resp: 946

Ion Ratio Lower Upper

77 100

97 10.6 11.8 35.3#

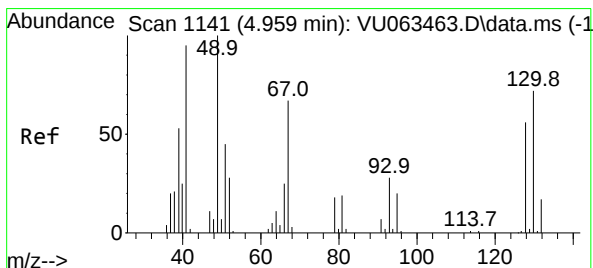
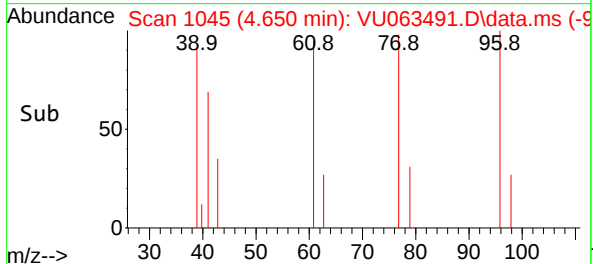
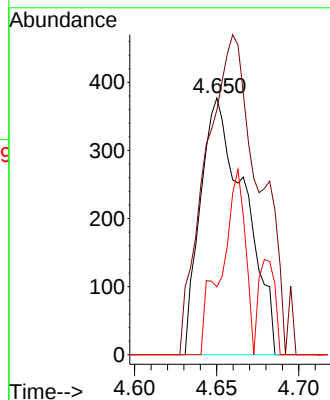
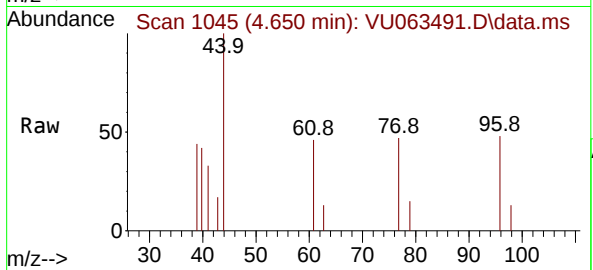




#27
 cis-1,2-Dichloroethene
 Concen: 0.512 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

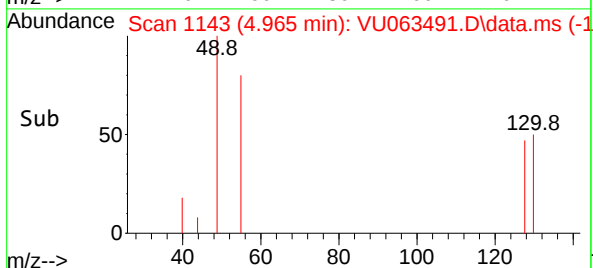
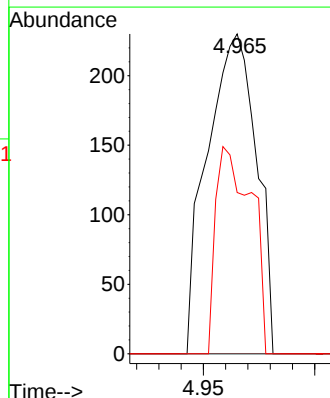
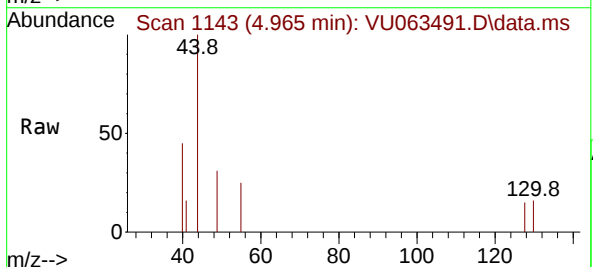
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

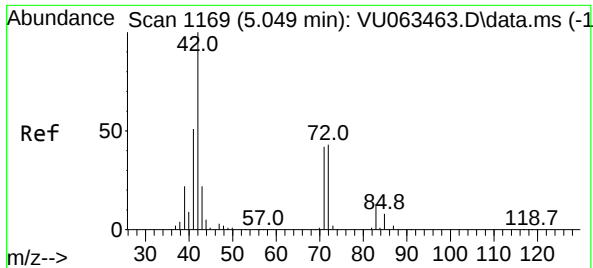
Tgt Ion: 96 Resp: 709
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 307.2
 98 38.6 0.0 133.0



#28
 Bromochloromethane
 Concen: 0.336 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion: 49 Resp: 354
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 46.9 59.0 88.4#

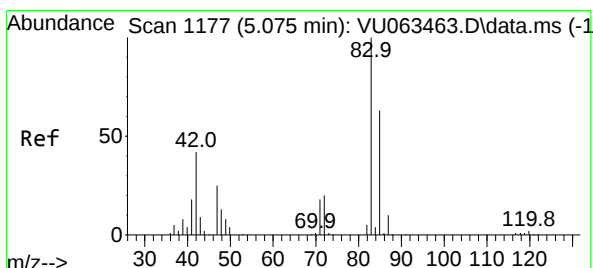
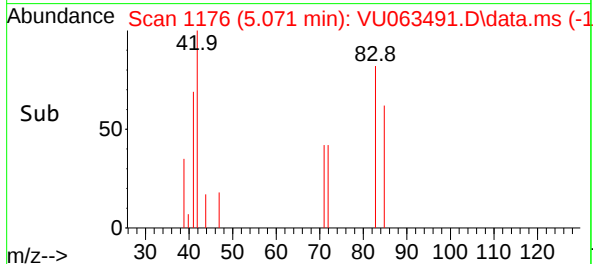
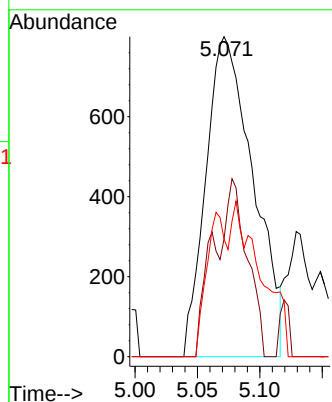
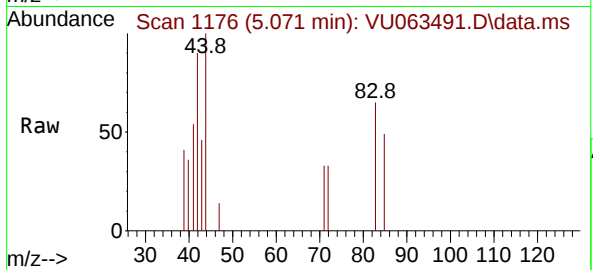




#29
Tetrahydrofuran
Concen: 2.730 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.022 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

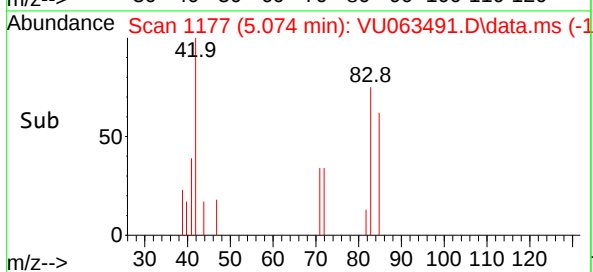
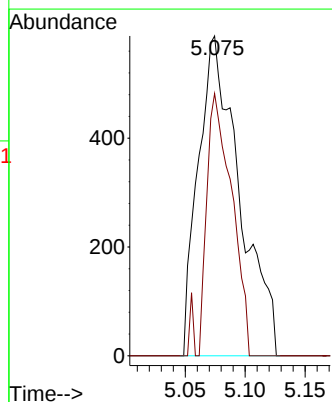
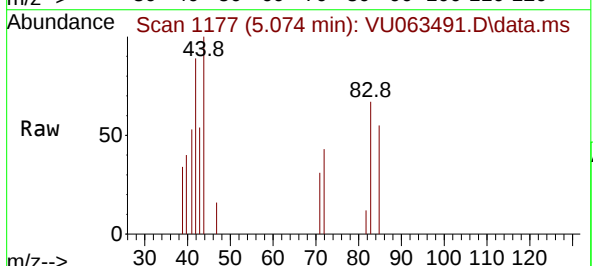
Instrument :
MSVOA_U
ClientSampleId :
MDL05

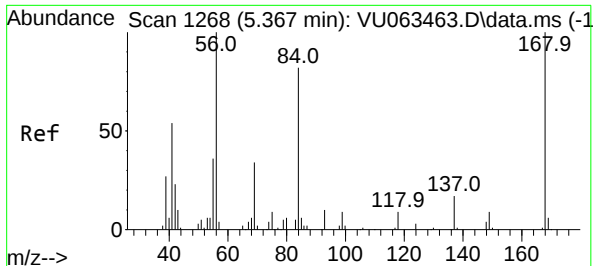
Tgt Ion: 42 Resp: 2116
Ion Ratio Lower Upper
42 100
72 26.2 36.2 54.4#
71 30.2 33.3 49.9#



#30
Chloroform
Concen: 0.594 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 83 Resp: 1407
Ion Ratio Lower Upper
83 100
85 82.0 50.7 76.1#

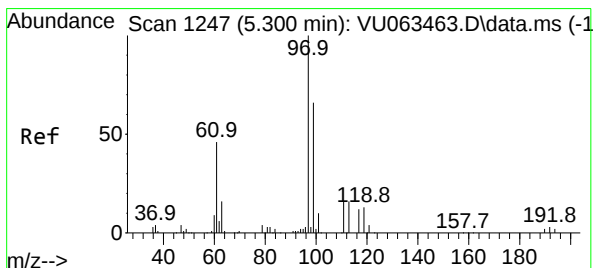
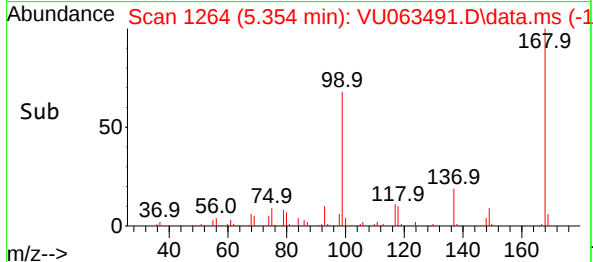
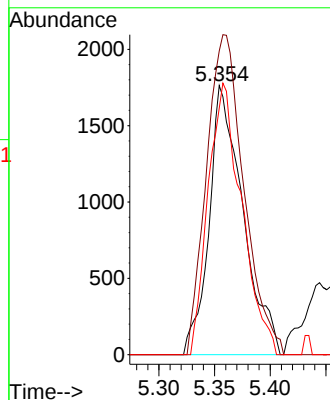
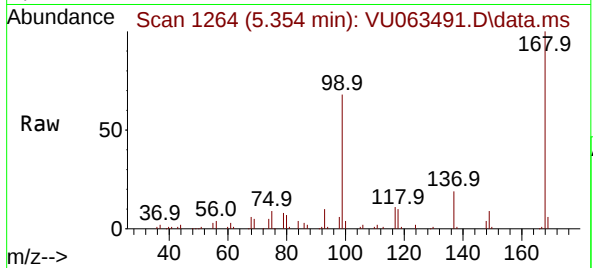




#31
Cyclohexane
Concen: 2.062 ug/l
RT: 5.354 min Scan# 1264
Delta R.T. -0.013 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

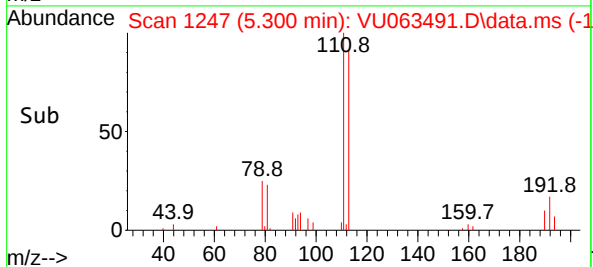
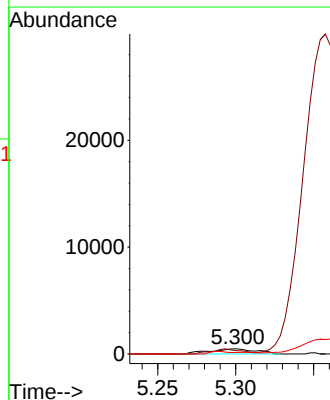
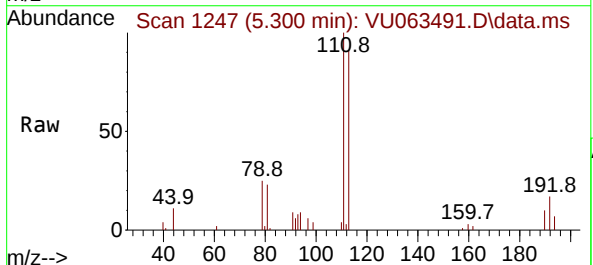
Instrument :
MSVOA_U
ClientSampleId :
MDL05

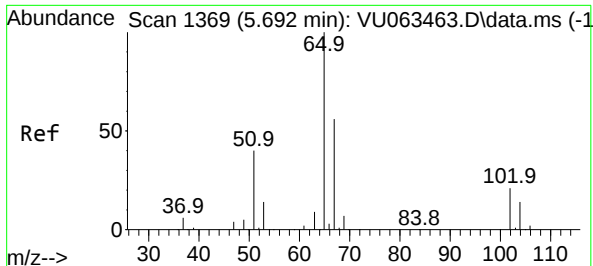
Tgt Ion: 56 Resp: 3721
Ion Ratio Lower Upper
56 100
69 112.8 27.0 40.4#
84 91.6 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 0.491 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 97 Resp: 990
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 21.4 36.3 54.5#





#33

1,2-Dichloroethane-d4

Concen: 55.904 ug/l

RT: 5.689 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

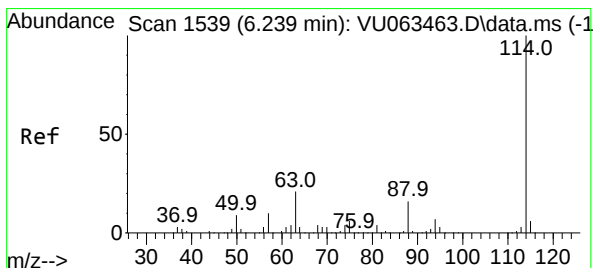
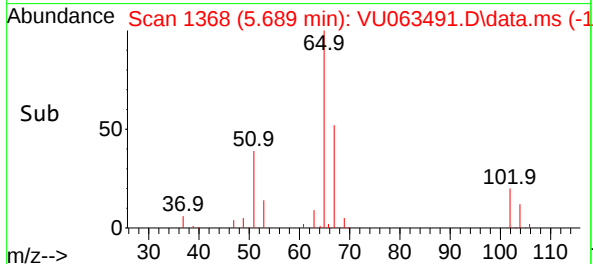
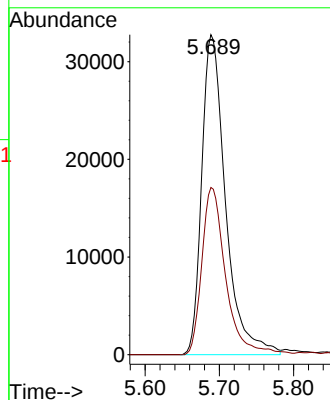
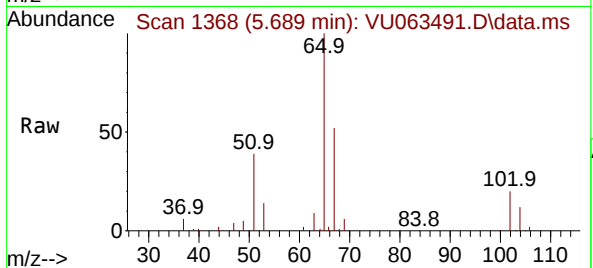
MDL05

Tgt Ion: 65 Resp: 72950

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.235 min Scan# 1538

Delta R.T. -0.003 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

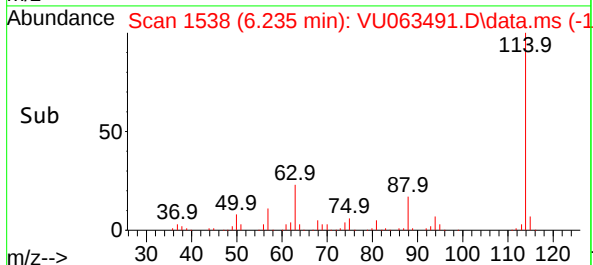
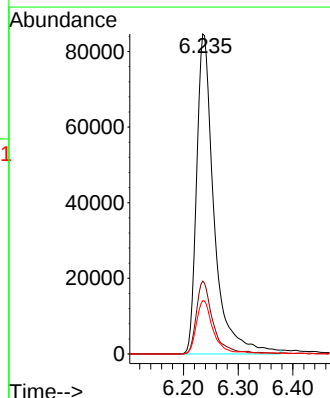
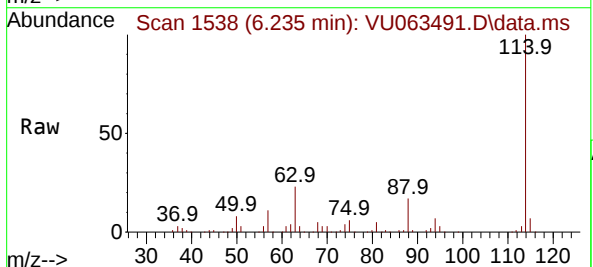
Tgt Ion: 114 Resp: 187597

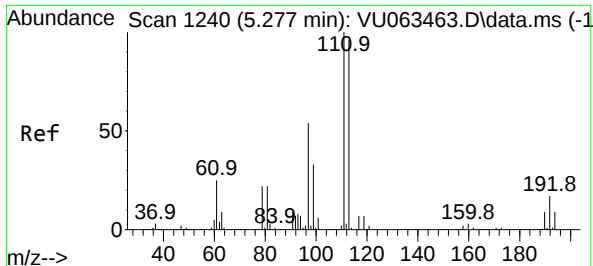
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.6

88 16.7 0.0 32.0

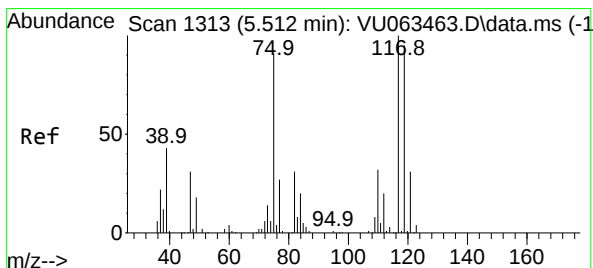
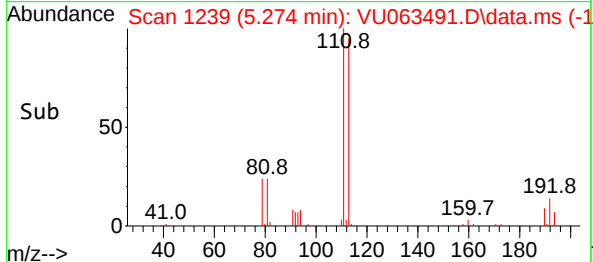
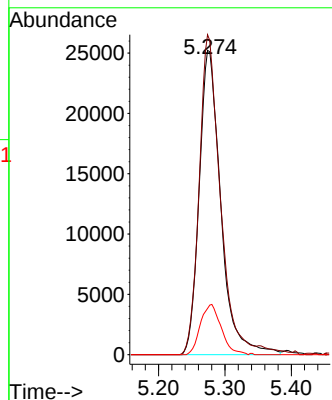
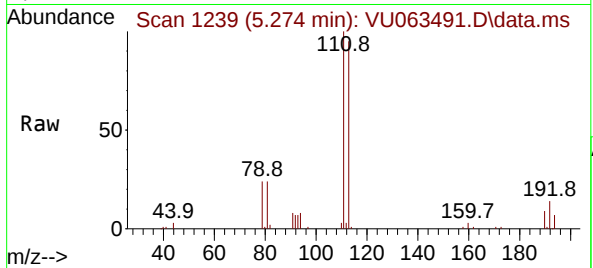




#35
Dibromofluoromethane
Concen: 50.570 ug/l
RT: 5.274 min Scan# 1113
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

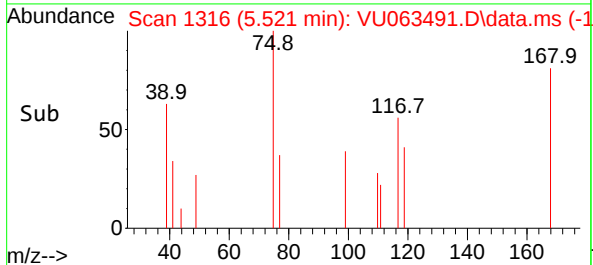
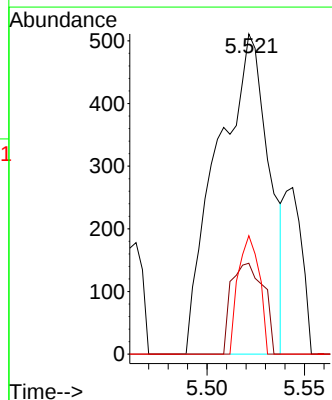
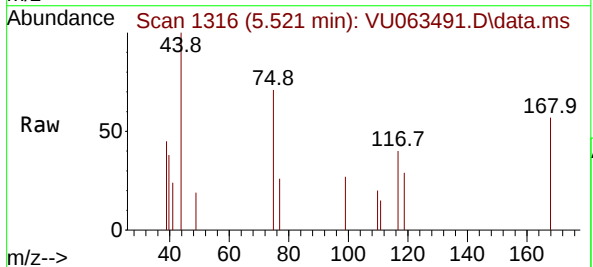
Instrument :
MSVOA_U
ClientSampleId :
MDL05

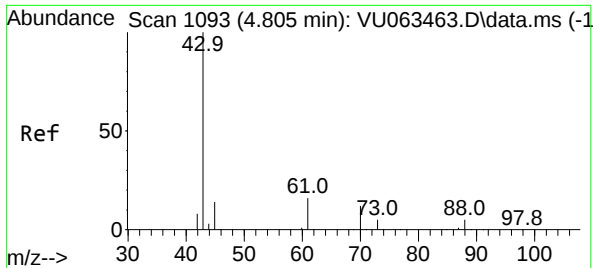
Tgt Ion:	113	Resp:	57185
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	15.9	14.3	21.5



#36
1,1-Dichloropropene
Concen: 0.613 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:	75	Resp:	942
Ion	Ratio	Lower	Upper
75	100		
110	17.7	17.3	52.0
77	15.2	23.9	35.9#

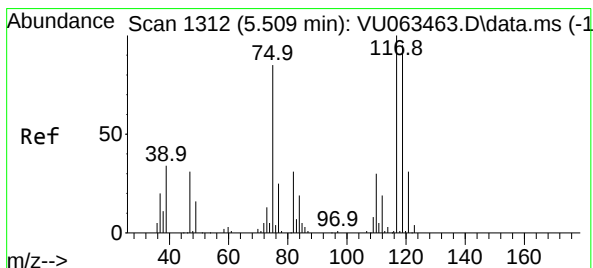
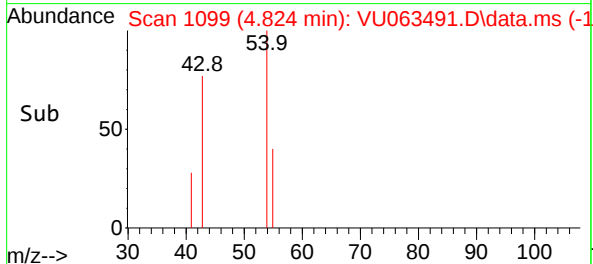
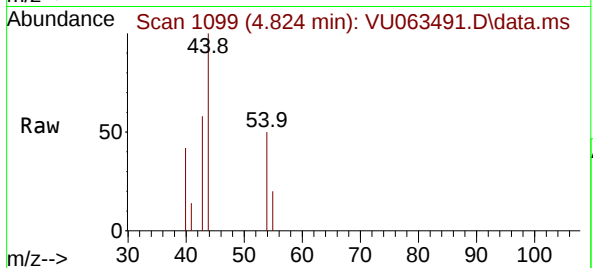




#37
Ethyl Acetate
Concen: 0.068 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. 0.019 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

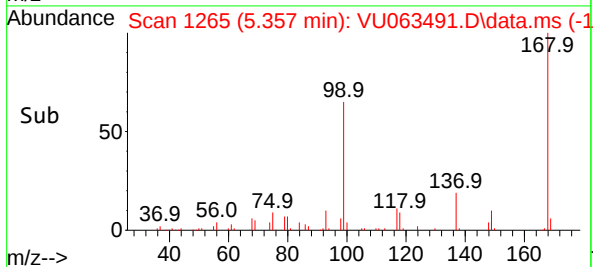
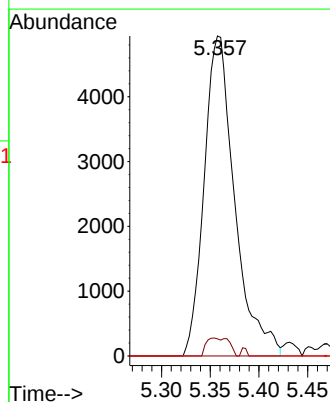
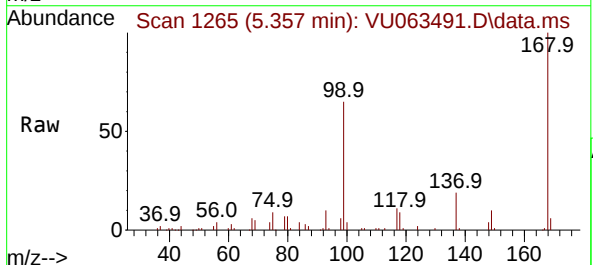
Instrument :
MSVOA_U
ClientSampleId :
MDL05

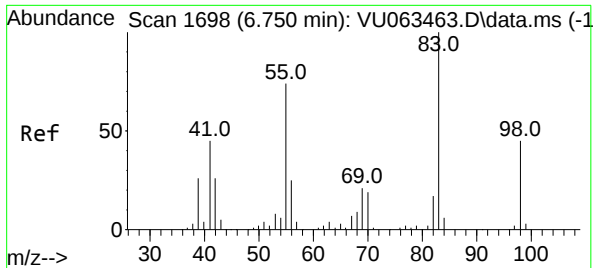
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 5.357 min Scan# 1265
Delta R.T. -0.151 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 117 Resp: 10779
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 0.568 ug/l

RT: 6.753 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

MDL05

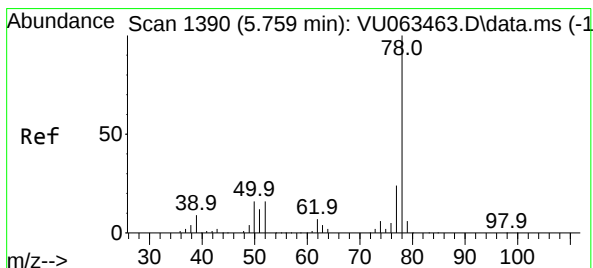
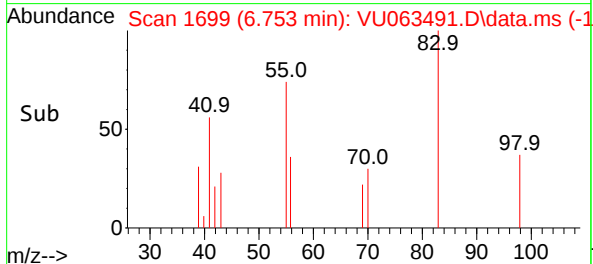
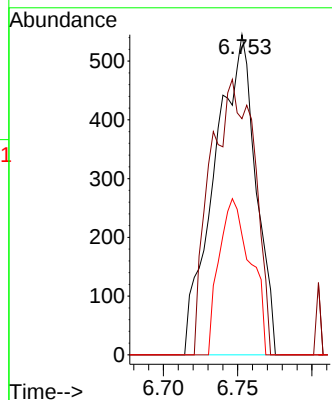
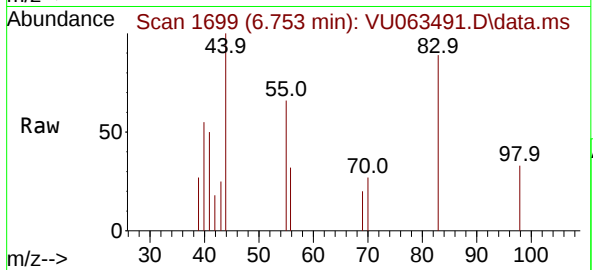
Tgt Ion: 83 Resp: 1054

Ion Ratio Lower Upper

83 100

55 73.8 59.4 89.2

98 37.4 36.2 54.4



#40

Benzene

Concen: 0.501 ug/l

RT: 5.772 min Scan# 1394

Delta R.T. 0.013 min

Lab File: VU063491.D

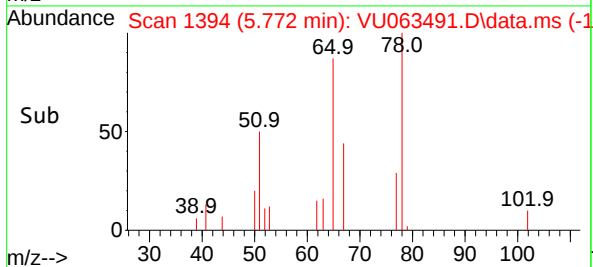
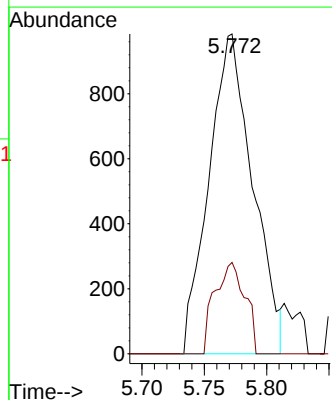
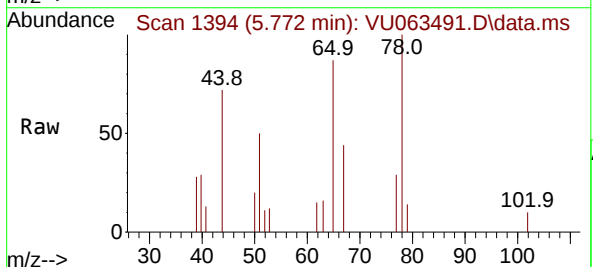
Acq: 11 Jul 2025 12:22

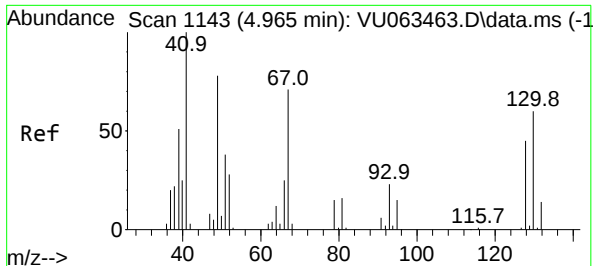
Tgt Ion: 78 Resp: 2402

Ion Ratio Lower Upper

78 100

77 28.6 19.0 28.4#

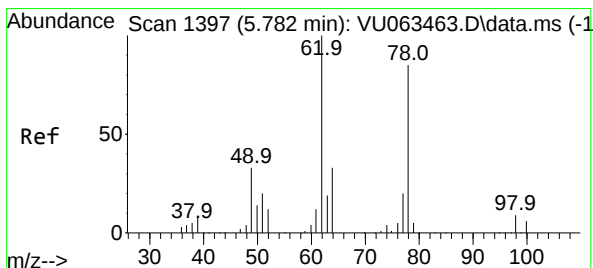
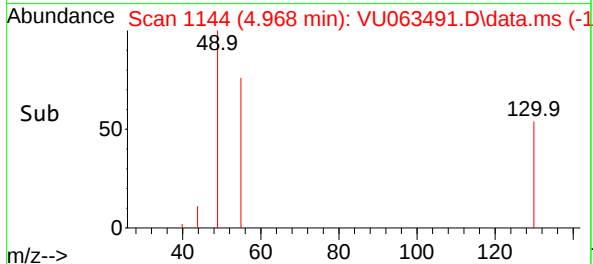
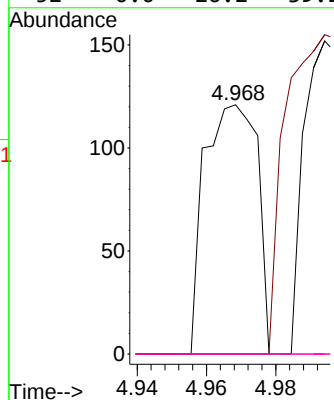
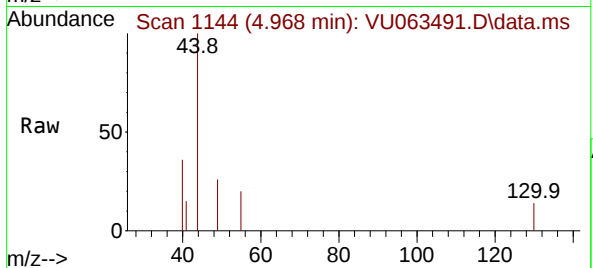




#41
Methacrylonitrile
Concen: 0.108 ug/l
RT: 4.968 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

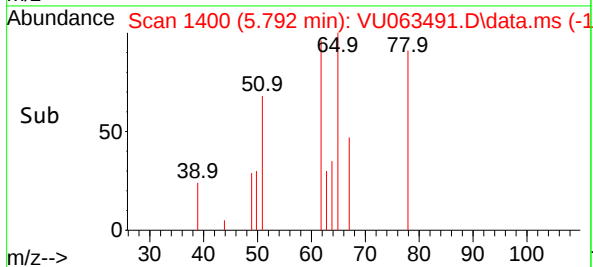
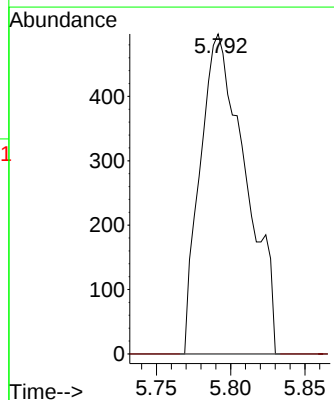
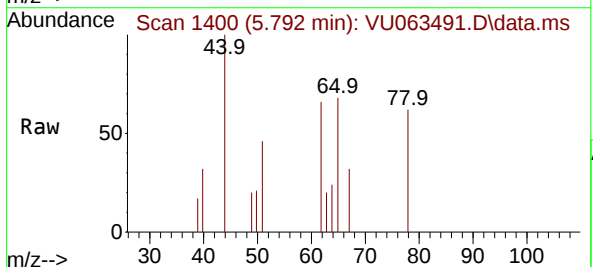
Instrument :
MSVOA_U
ClientSampleId :
MDL05

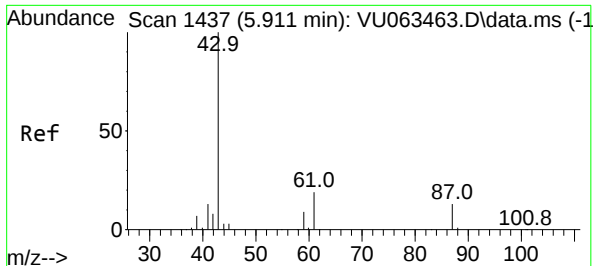
Tgt Ion:	41	Resp:	127
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.6	65.4#
67	0.0	62.8	94.2#
52	0.0	26.2	39.2#



#42
1,2-Dichloroethane
Concen: 0.586 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:	62	Resp:	1057
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 0.552 ug/l

RT: 5.943 min Scan# 1437

Delta R.T. 0.032 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

MDL05

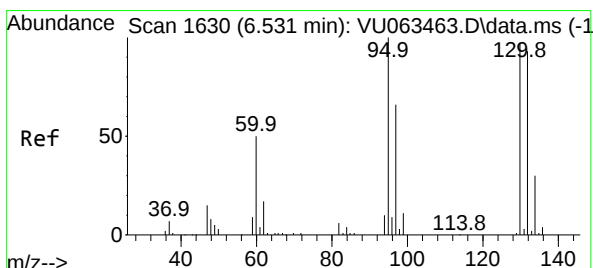
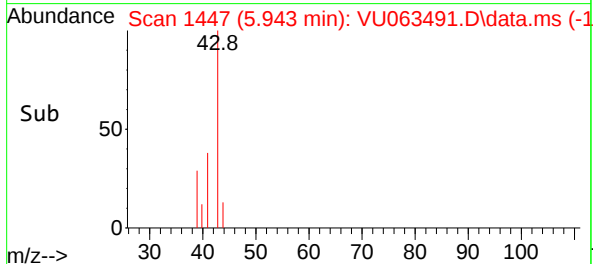
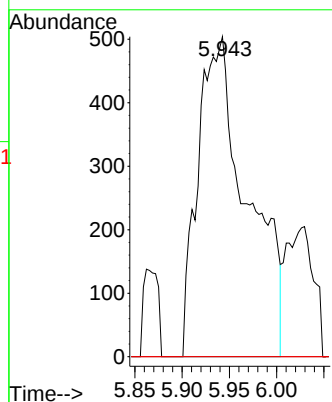
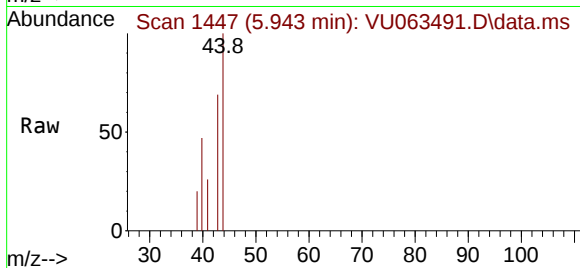
Tgt Ion: 43 Resp: 1826

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

87 0.0 10.5 15.7#



#44

Trichloroethene

Concen: 0.437 ug/l

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU063491.D

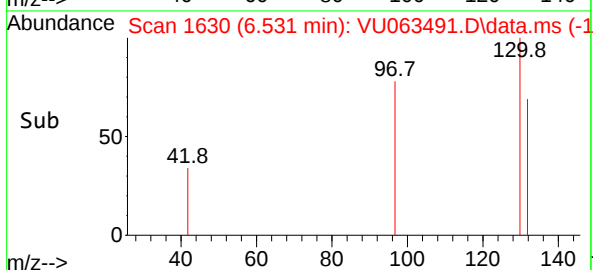
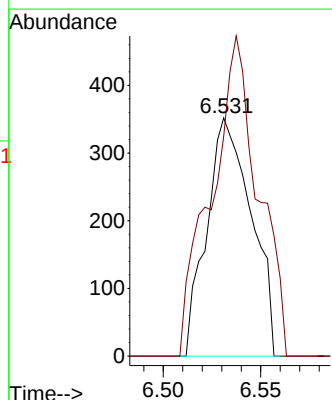
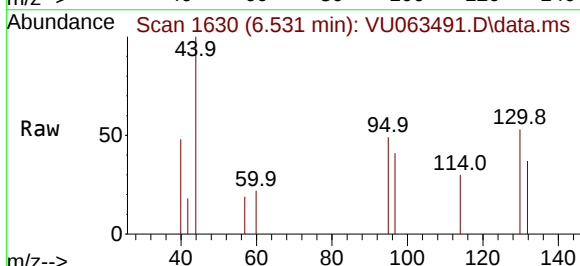
Acq: 11 Jul 2025 12:22

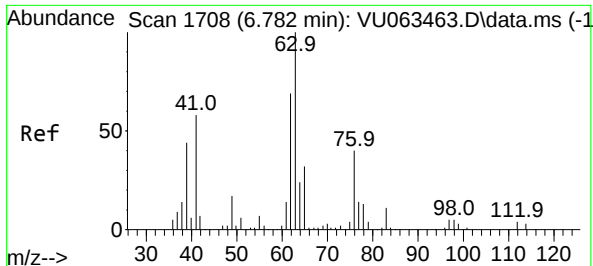
Tgt Ion:130 Resp: 561

Ion Ratio Lower Upper

130 100

95 92.3 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.319 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

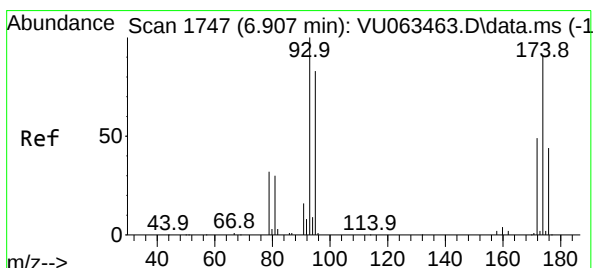
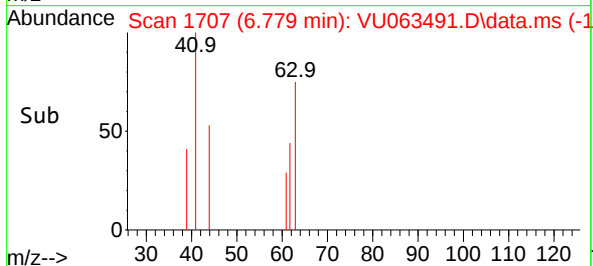
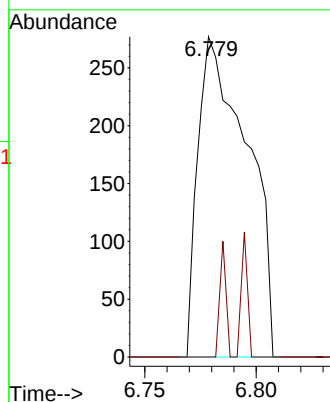
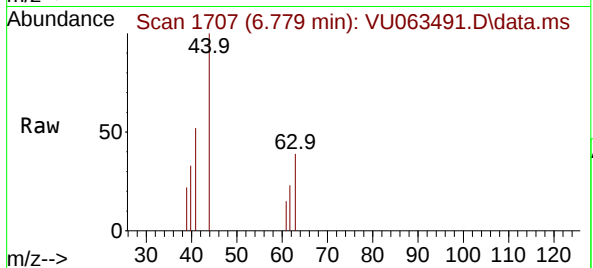
MDL05

Tgt Ion: 63 Resp: 425

Ion Ratio Lower Upper

63 100

65 0.0 25.3 37.9#



#46

Dibromomethane

Concen: 0.470 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

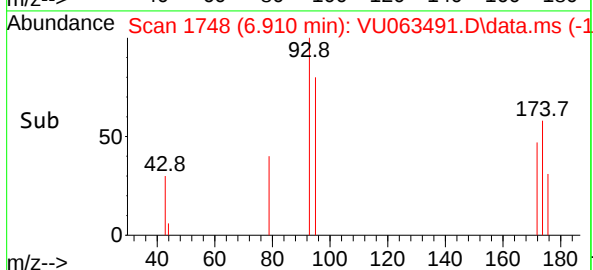
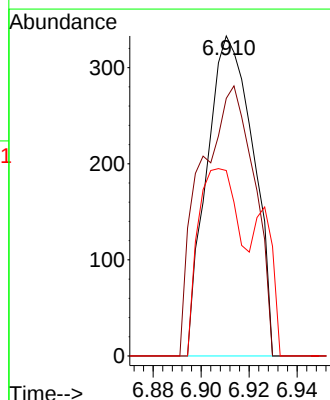
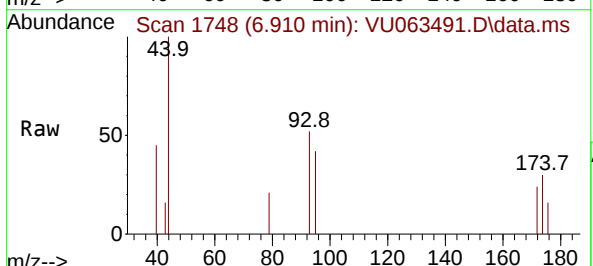
Tgt Ion: 93 Resp: 446

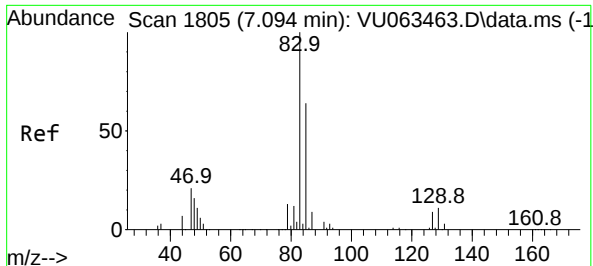
Ion Ratio Lower Upper

93 100

95 97.8 67.5 101.3

174 54.3 73.1 109.7#





#47

Bromodichloromethane

Concen: 0.350 ug/l

RT: 7.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

MDL05

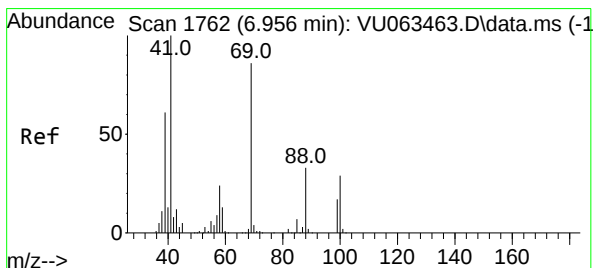
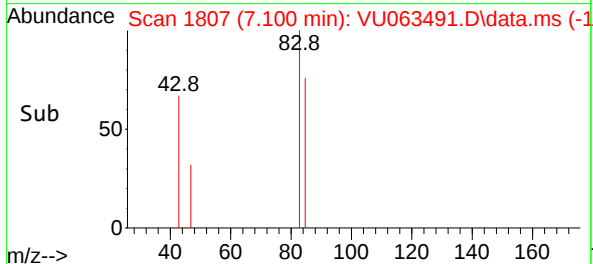
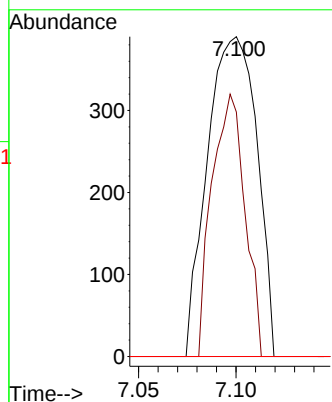
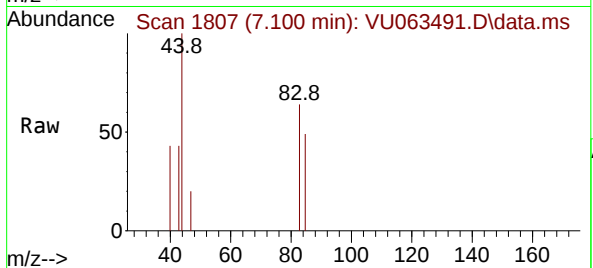
Tgt Ion: 83 Resp: 690

Ion Ratio Lower Upper

83 100

85 76.4 51.4 77.0

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 0.069 ug/l

RT: 6.930 min Scan# 1754

Delta R.T. -0.026 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

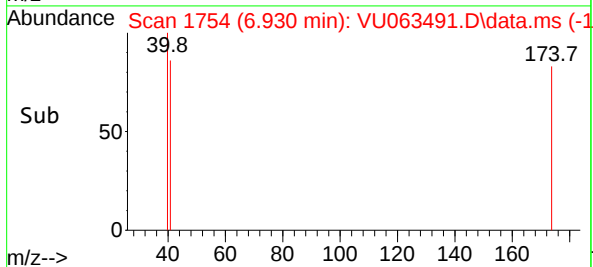
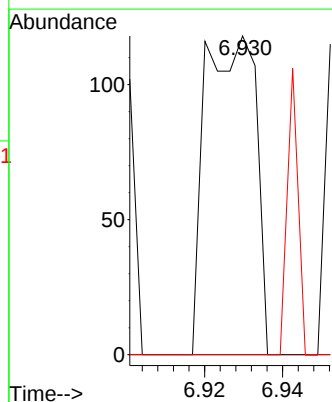
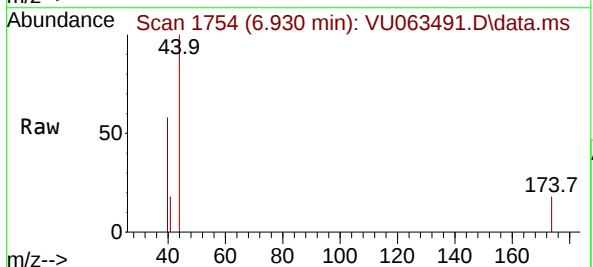
Tgt Ion: 41 Resp: 106

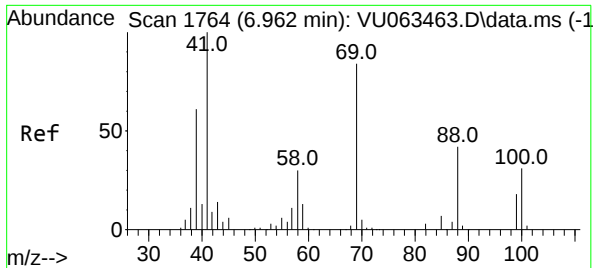
Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.8#

39 18.9 48.3 72.5#

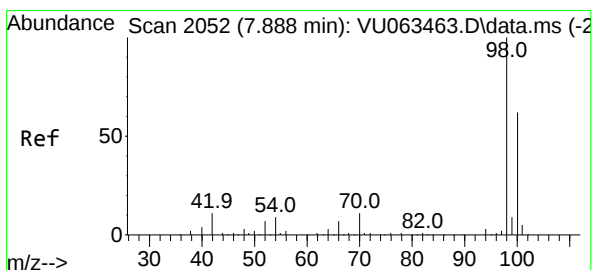
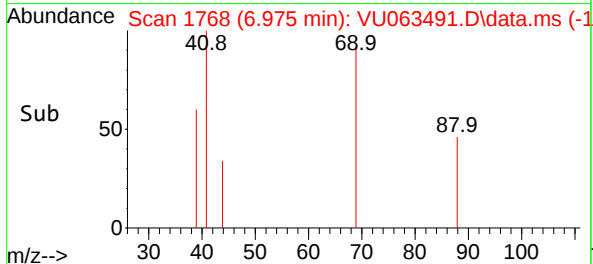
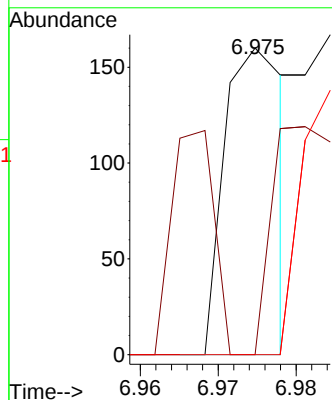
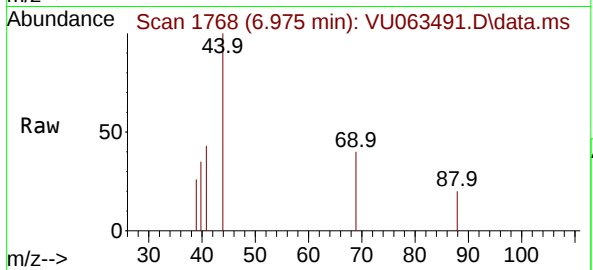




#49
1,4-Dioxane
Concen: 2.565 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.013 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

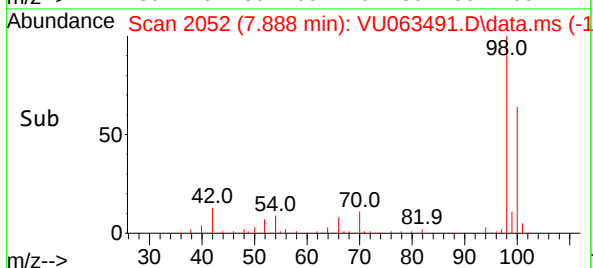
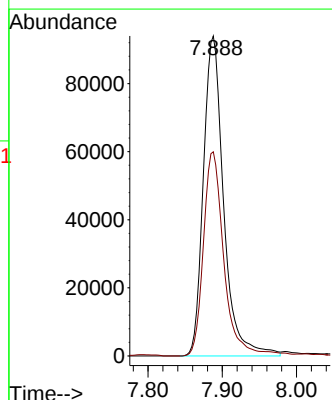
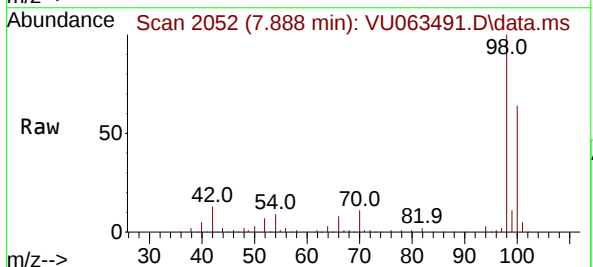
Instrument :
MSVOA_U
ClientSampleId :
MDL05

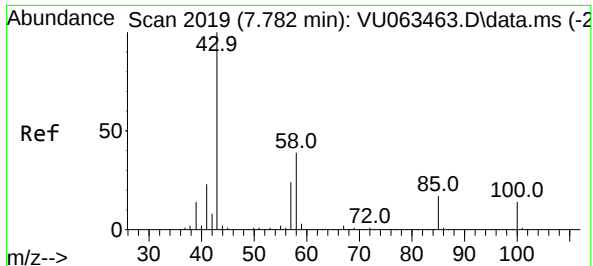
Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 48.317 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 98 Resp: 178100
Ion Ratio Lower Upper
98 100
100 64.6 48.1 72.1

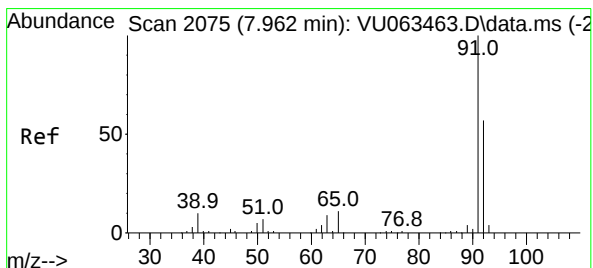
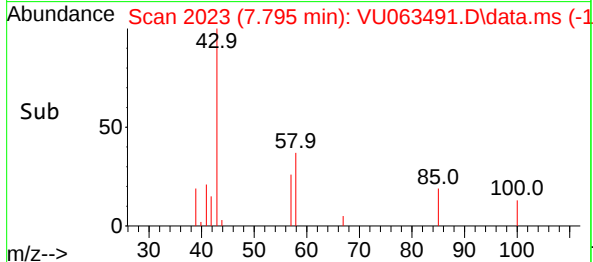
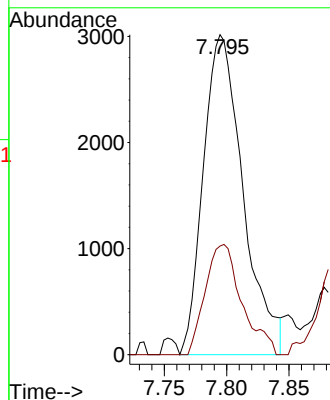
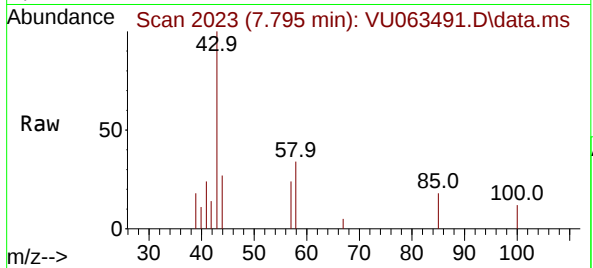




#51
4-Methyl-2-Pentanone
Concen: 2.798 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

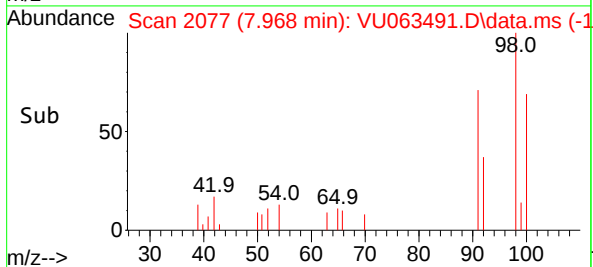
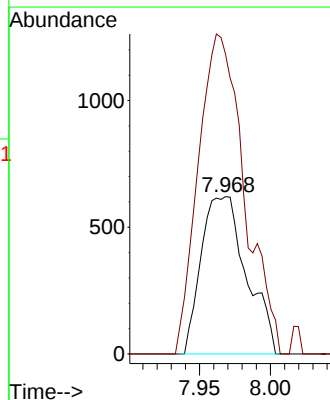
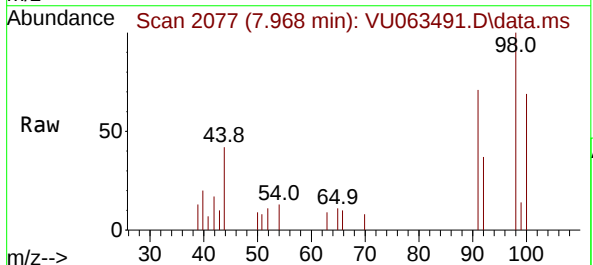
Instrument :
MSVOA_U
ClientSampleId :
MDL05

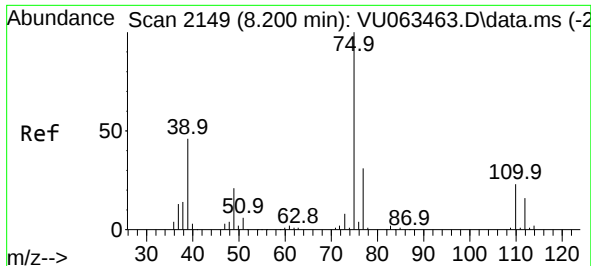
Tgt Ion: 43 Resp: 6693
Ion Ratio Lower Upper
43 100
58 31.7 31.0 46.4



#52
Toluene
Concen: 0.439 ug/l
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 92 Resp: 1379
Ion Ratio Lower Upper
92 100
91 206.7 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.430 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.010 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

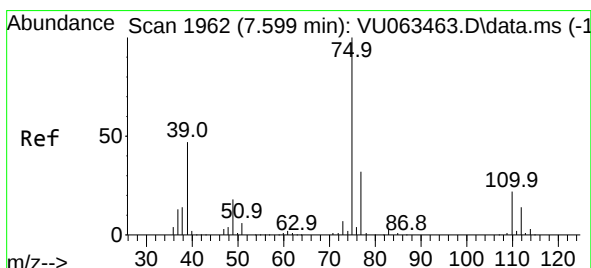
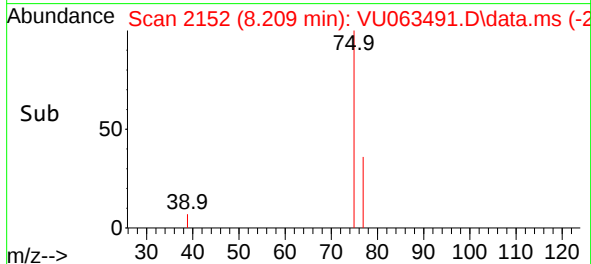
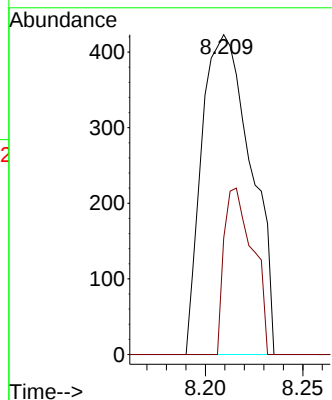
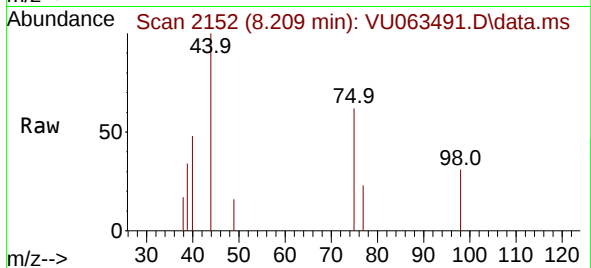
MDL05

Tgt Ion: 75 Resp: 743

Ion Ratio Lower Upper

75 100

77 36.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.350 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

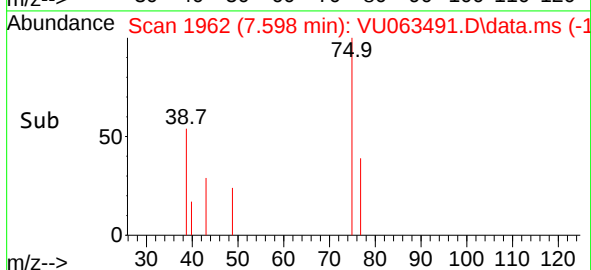
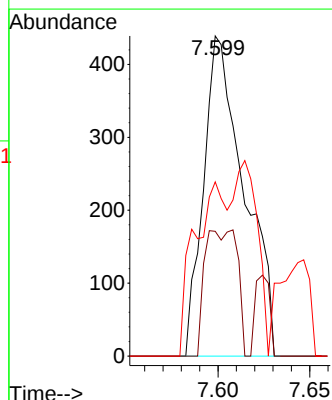
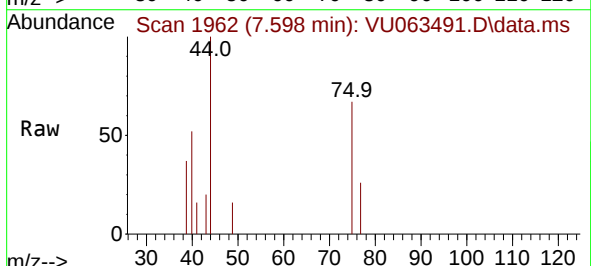
Tgt Ion: 75 Resp: 676

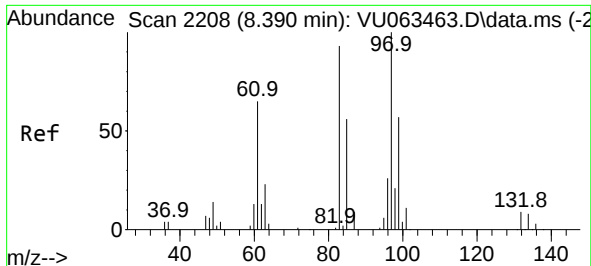
Ion Ratio Lower Upper

75 100

77 39.0 25.4 38.0#

39 54.4 37.2 55.8

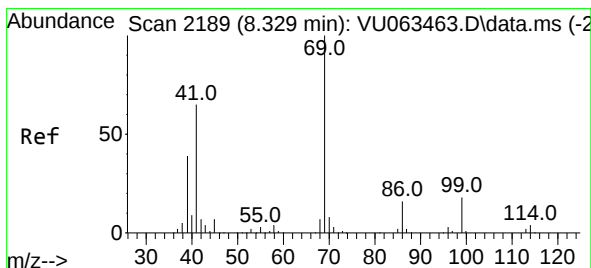
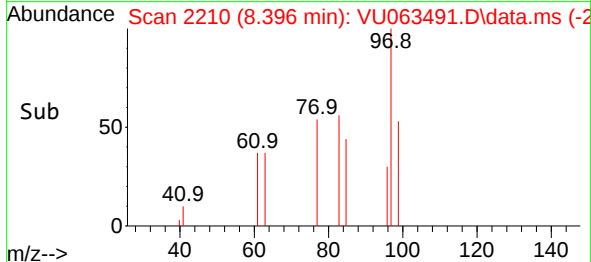
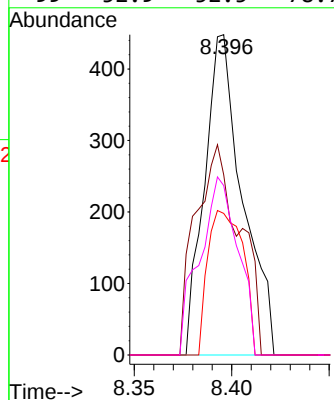
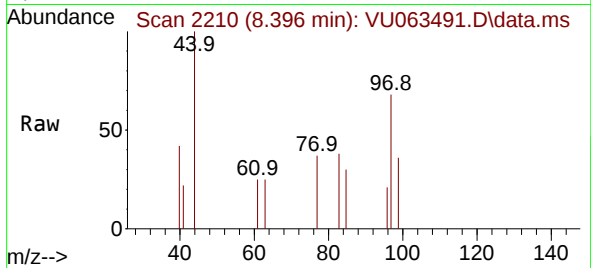




#55
1,1,2-Trichloroethane
Concen: 0.456 ug/l
RT: 8.396 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

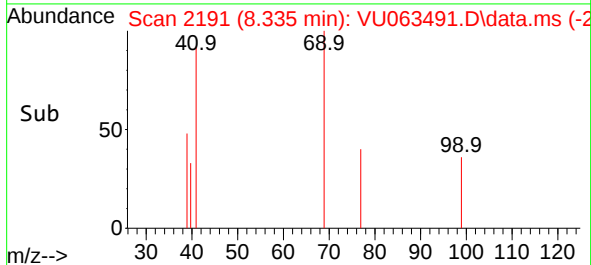
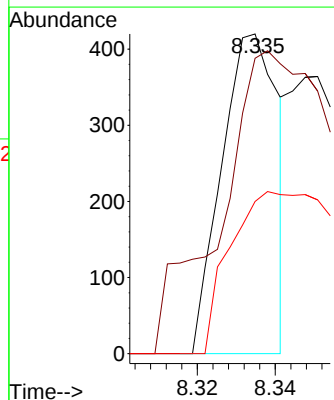
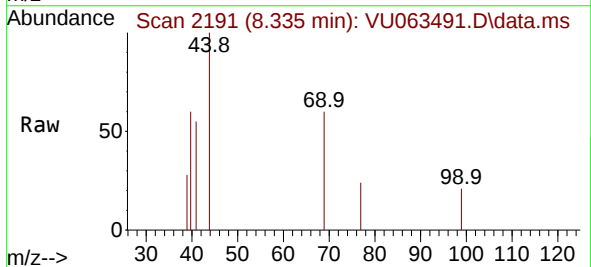
Instrument :
MSVOA_U
ClientSampleId :
MDL05

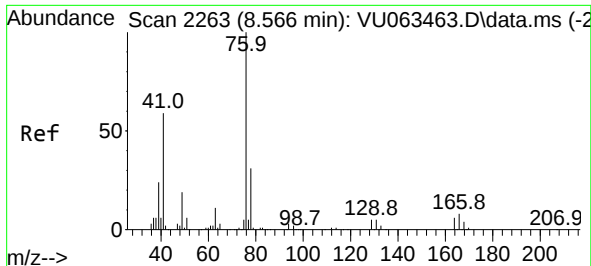
Tgt Ion: 97	Resp: 608
Ion Ratio	Lower Upper
97 100	
83 56.3	74.2 111.4#
85 44.2	45.8 68.8#
99 52.9	52.5 78.7



#56
Ethyl methacrylate
Concen: 0.196 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 69	Resp:	422	
Ion	Ratio	Lower	Upper
69	100		
41	223.9	53.0	79.6#
39	98.1	31.0	46.4#





#57

1,3-Dichloropropane

Concen: 0.411 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

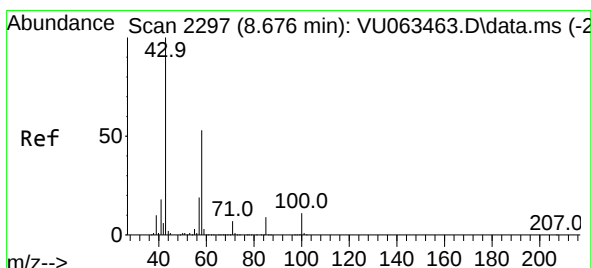
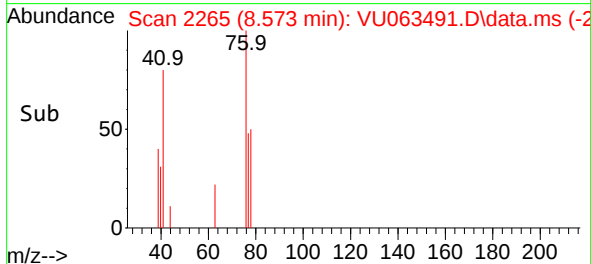
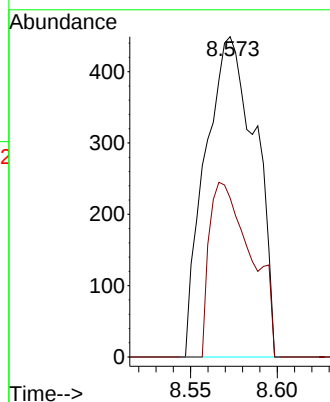
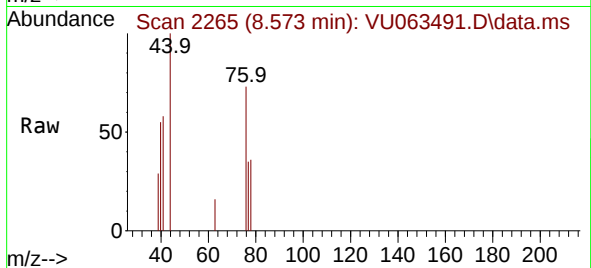
MDL05

Tgt Ion: 76 Resp: 903

Ion Ratio Lower Upper

76 100

78 45.5 25.6 38.4#



#59

2-Hexanone

Concen: 2.883 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.019 min

Lab File: VU063491.D

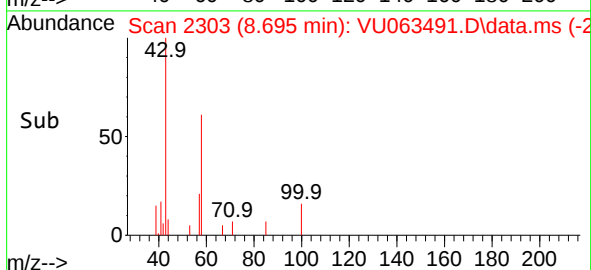
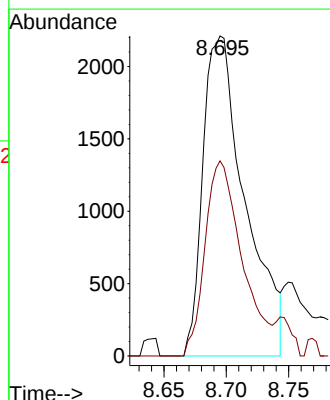
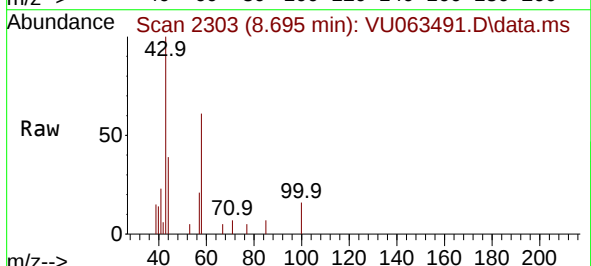
Acq: 11 Jul 2025 12:22

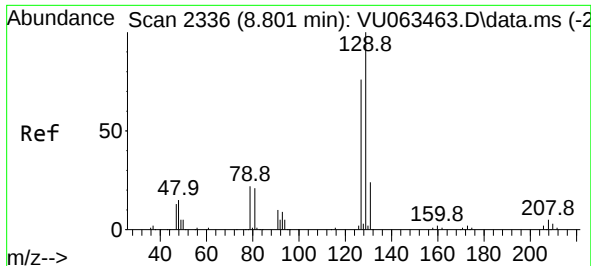
Tgt Ion: 43 Resp: 5216

Ion Ratio Lower Upper

43 100

58 53.4 26.9 80.7

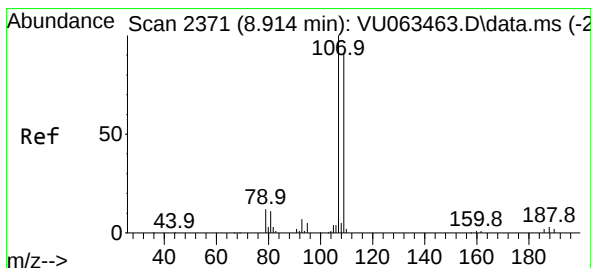
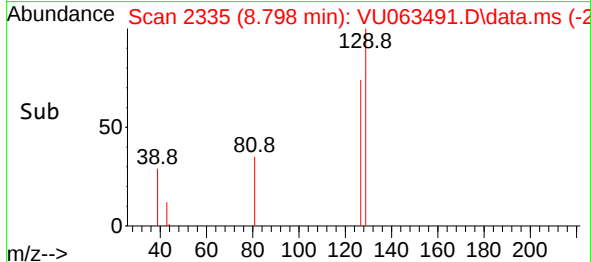
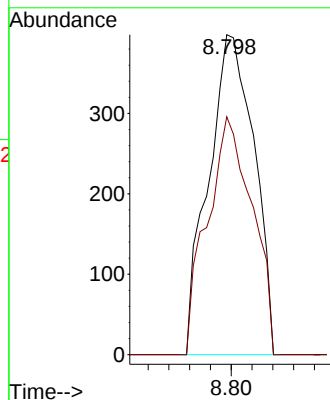
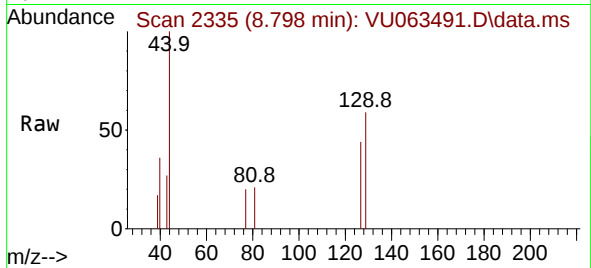




#60
Dibromochloromethane
Concen: 0.406 ug/l
RT: 8.798 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

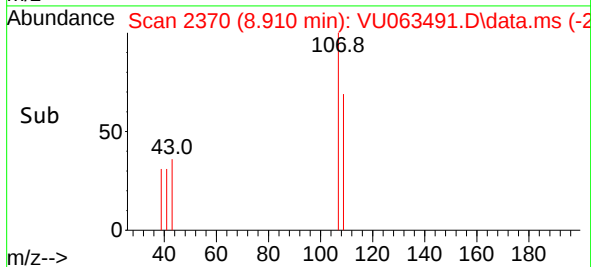
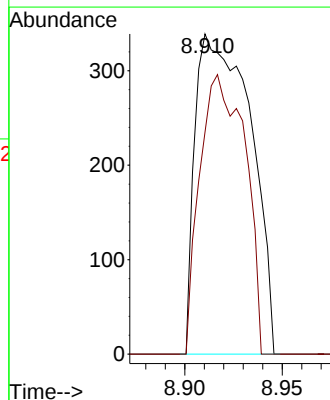
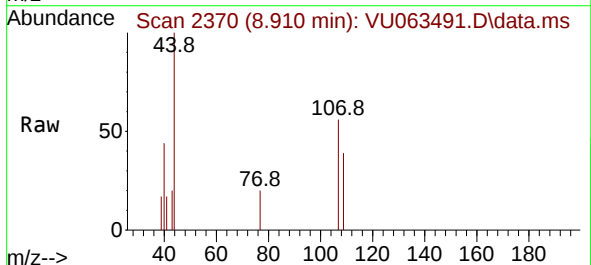
Instrument :
MSVOA_U
ClientSampleId :
MDL05

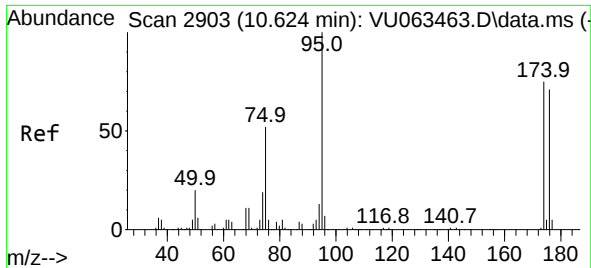
Tgt Ion:129 Resp: 606
Ion Ratio Lower Upper
129 100
127 73.4 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.508 ug/l
RT: 8.910 min Scan# 2370
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:107 Resp: 665
Ion Ratio Lower Upper
107 100
109 71.9 73.7 110.5#



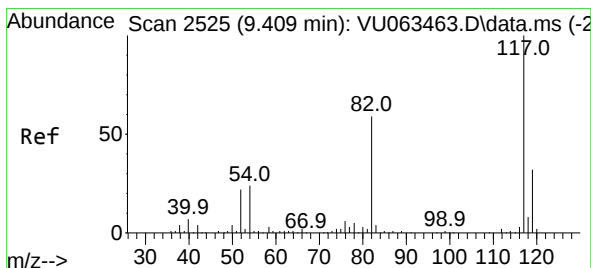
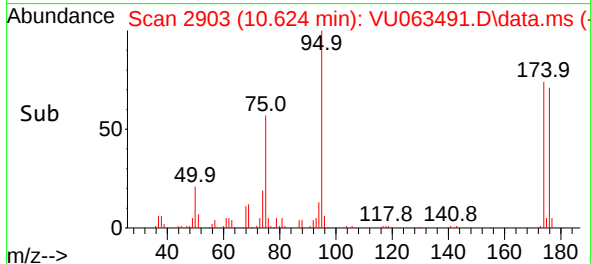
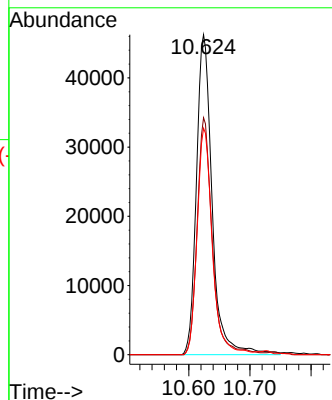
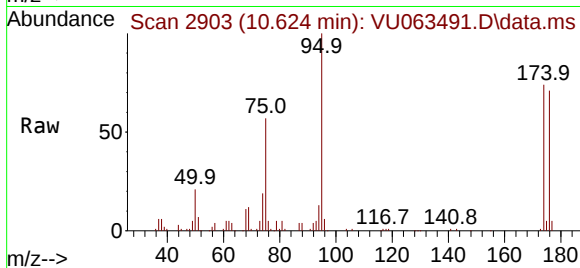


#62
 4-Bromofluorobenzene
 Concen: 51.249 ug/l
 RT: 10.624 min Scan# 2903
 Delta R.T. -0.000 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 95 Resp: 82629

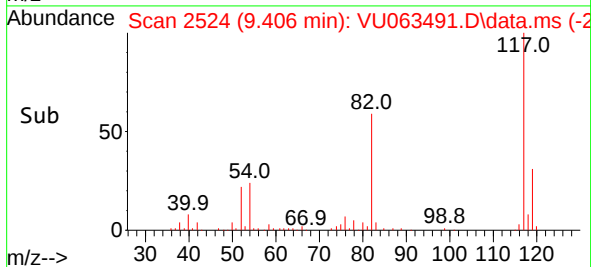
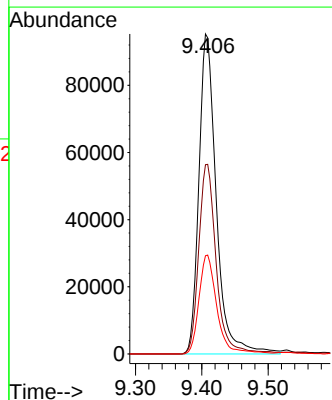
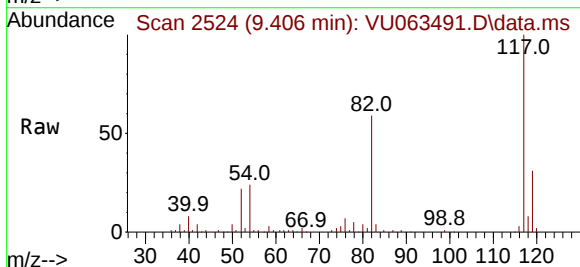
Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	153.6
176	68.4	0.0	145.8

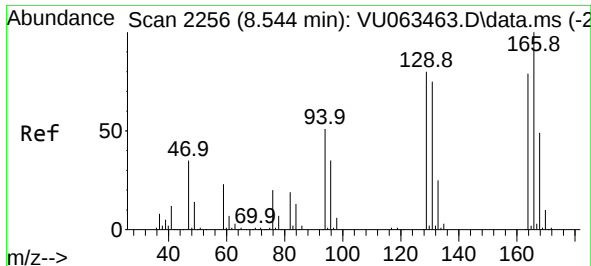


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.406 min Scan# 2524
 Delta R.T. -0.003 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion: 117 Resp: 173761

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.1	70.7
119	30.7	25.4	38.0



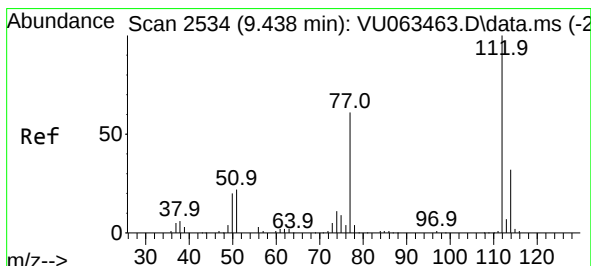
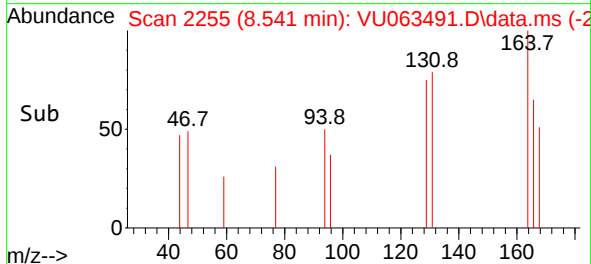
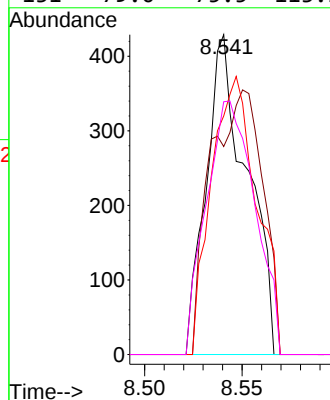
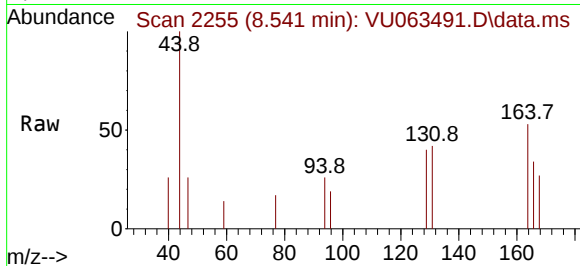


#64
Tetrachloroethene
Concen: 0.482 ug/l
RT: 8.541 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:164 Resp: 623

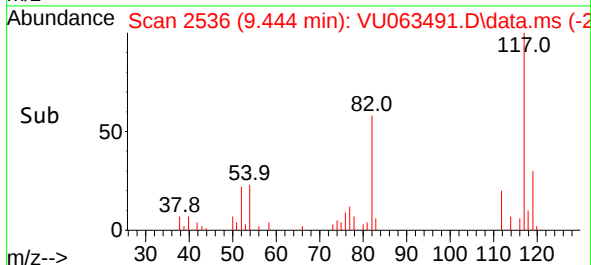
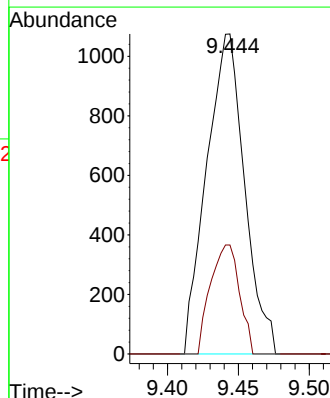
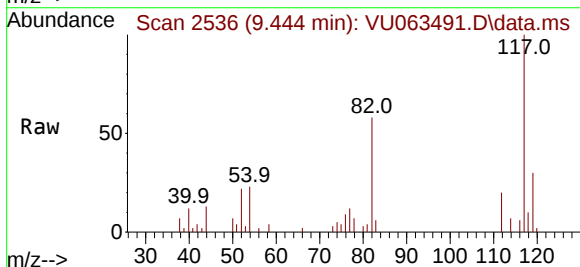
Ion	Ratio	Lower	Upper
164	100		
166	65.0	100.9	151.3#
129	74.6	80.9	121.3#
131	79.0	75.5	113.3

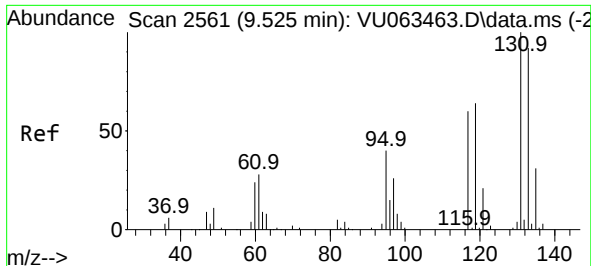


#65
Chlorobenzene
Concen: 0.554 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:112 Resp: 2003

Ion	Ratio	Lower	Upper
112	100		
114	34.0	25.5	38.3

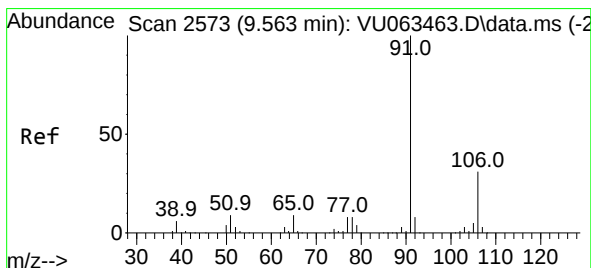
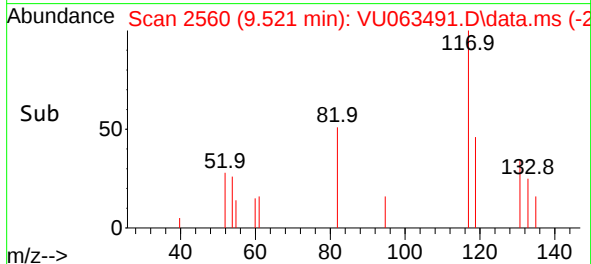
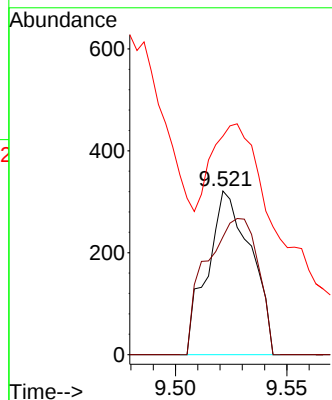
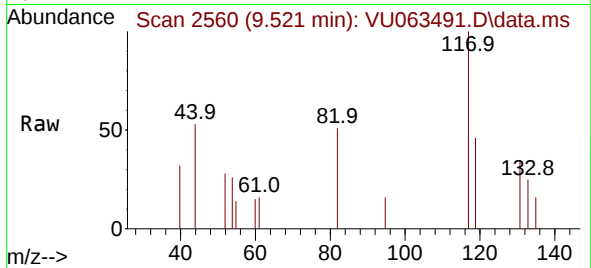




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.350 ug/l
 RT: 9.521 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

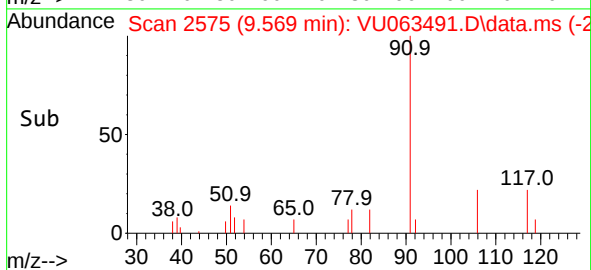
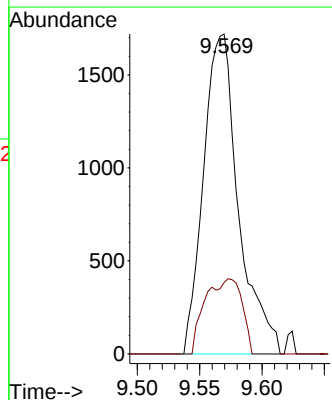
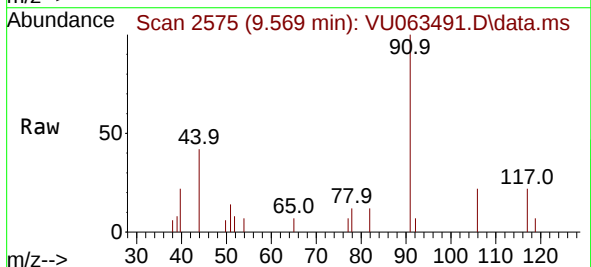
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

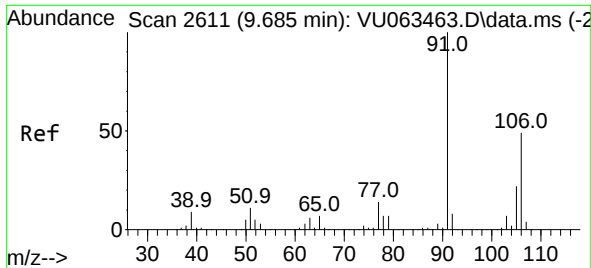
Tgt Ion:131 Resp: 434
 Ion Ratio Lower Upper
 131 100
 133 99.8 46.4 139.2
 119 0.0 33.3 99.9#



#67
 Ethyl Benzene
 Concen: 0.541 ug/l
 RT: 9.569 min Scan# 2575
 Delta R.T. 0.006 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion: 91 Resp: 3359
 Ion Ratio Lower Upper
 91 100
 106 22.3 24.5 36.7#

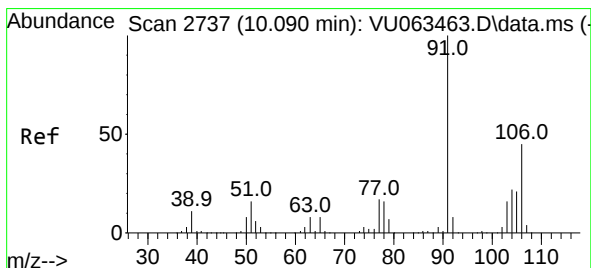
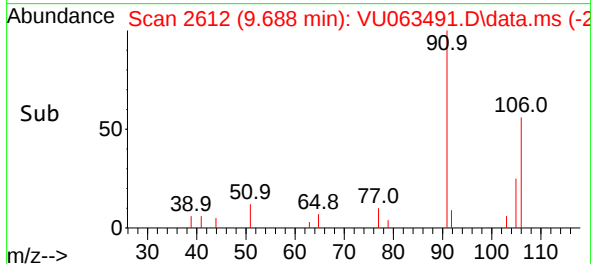
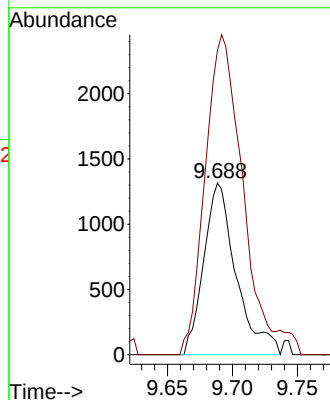
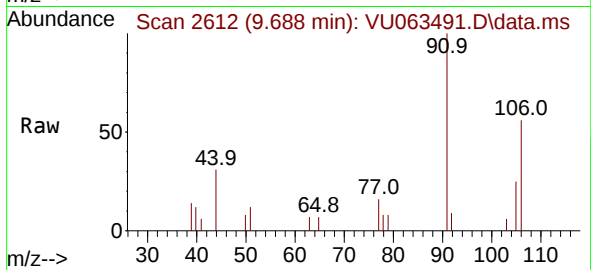




#68
m/p-Xylenes
Concen: 0.960 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

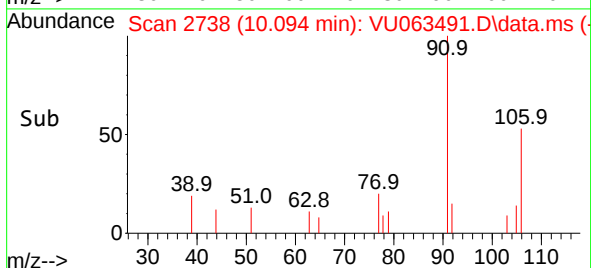
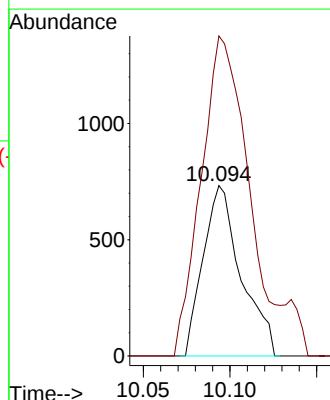
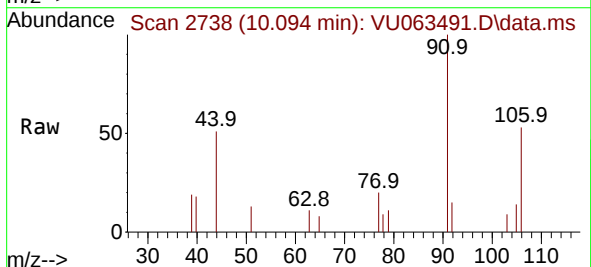
Instrument :
MSVOA_U
ClientSampleId :
MDL05

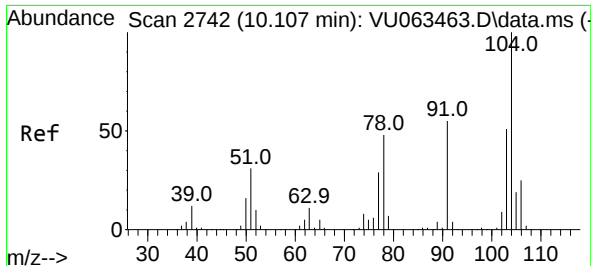
Tgt Ion:106 Resp: 2277
Ion Ratio Lower Upper
106 100
91 219.1 163.6 245.4



#69
o-Xylene
Concen: 0.462 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:106 Resp: 1115
Ion Ratio Lower Upper
106 100
91 232.7 110.7 331.9

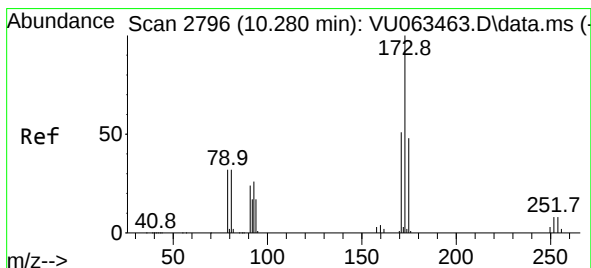
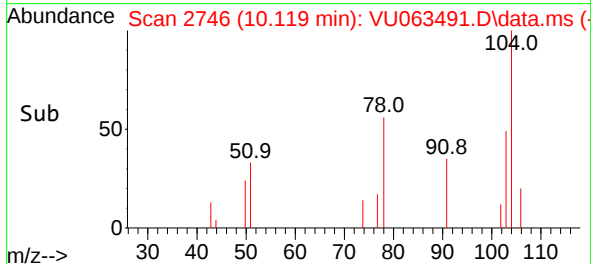
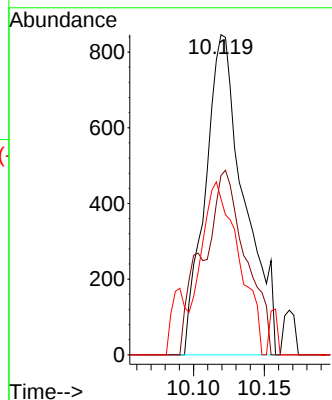
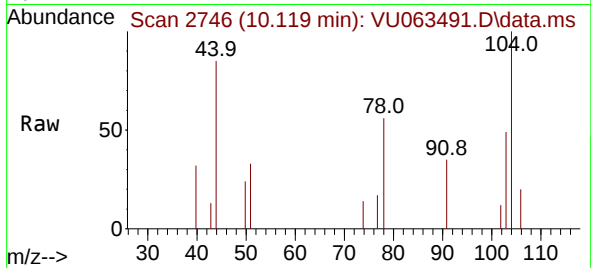




#70
Styrene
Concen: 0.422 ug/l
RT: 10.119 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

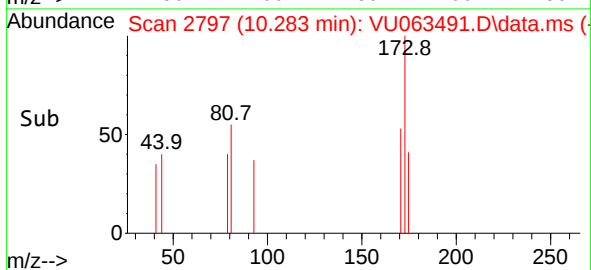
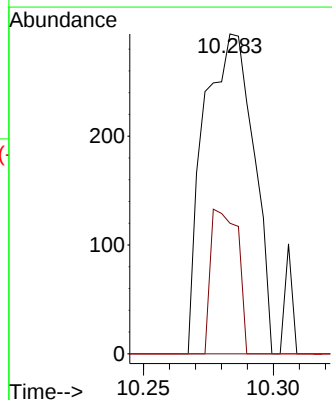
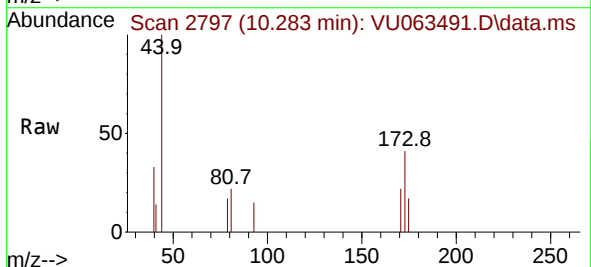
Instrument :
MSVOA_U
ClientSampleId :
MDL05

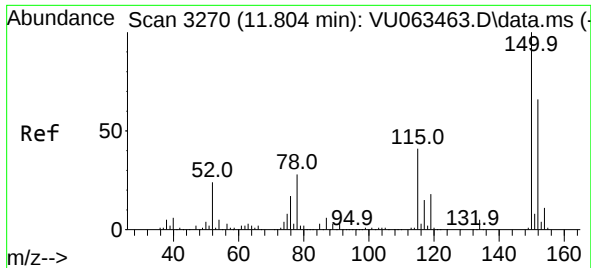
Tgt Ion:104 Resp: 1619
Ion Ratio Lower Upper
104 100
78 50.6 41.4 62.0
103 51.5 44.3 66.5



#71
Bromoform
Concen: 0.362 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:173 Resp: 391
Ion Ratio Lower Upper
173 100
175 24.6 24.0 72.0
254 0.0 0.0 0.0

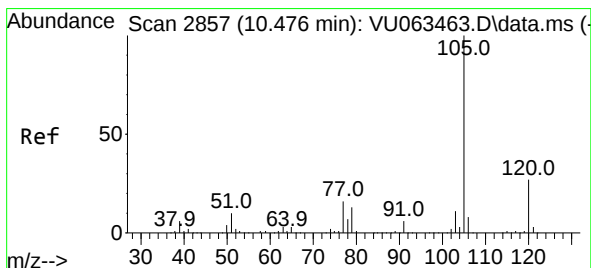
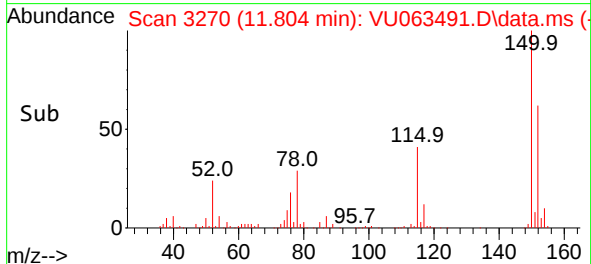
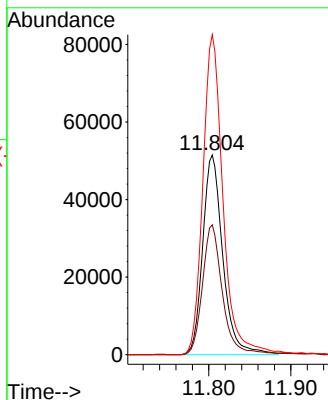
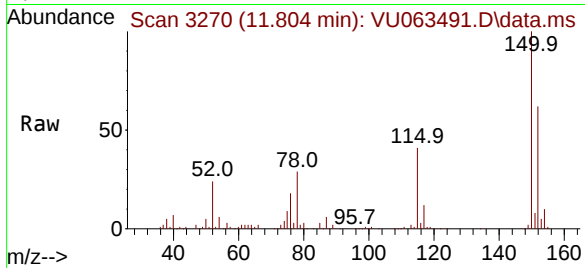




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

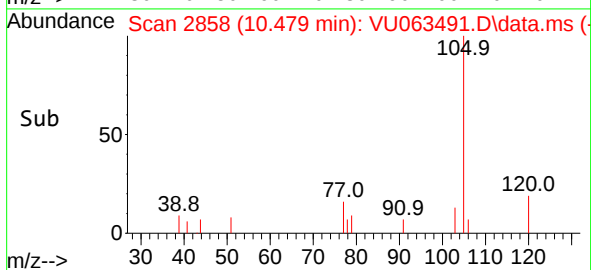
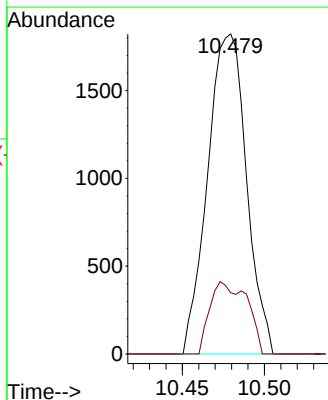
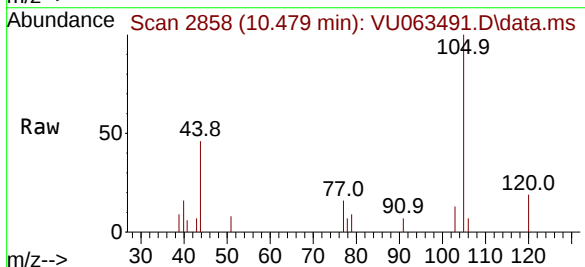
Instrument :
MSVOA_U
ClientSampleId :
MDL05

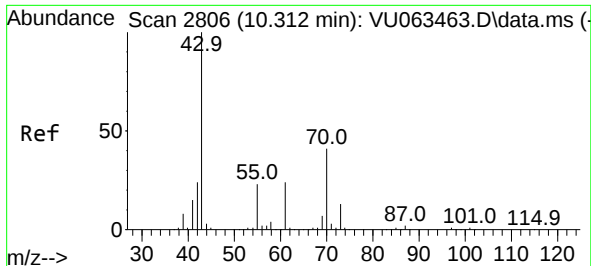
Tgt Ion:152 Resp: 87861
Ion Ratio Lower Upper
152 100
115 64.4 43.4 130.2
150 160.4 0.0 341.4



#73
Isopropylbenzene
Concen: 0.501 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:105 Resp: 2998
Ion Ratio Lower Upper
105 100
120 21.5 13.1 39.1

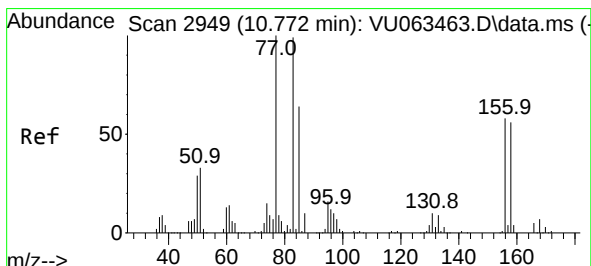
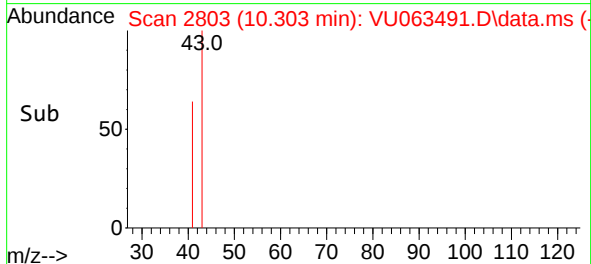
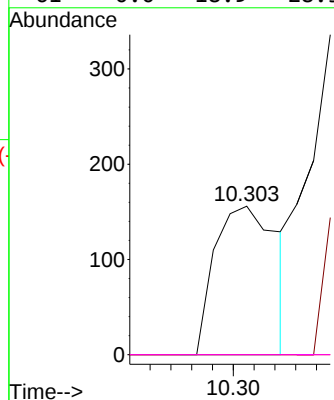
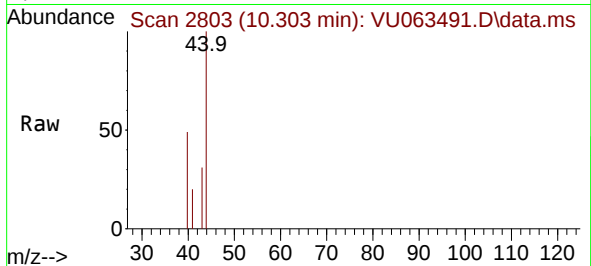




#74
N-amy1 acetate
Concen: 0.048 ug/l
RT: 10.303 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

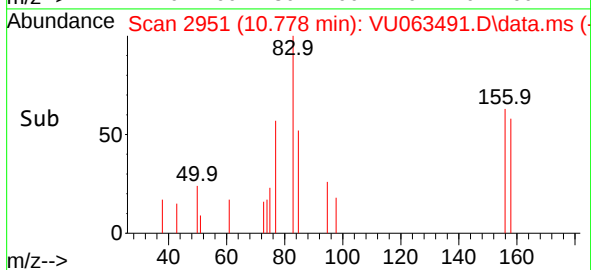
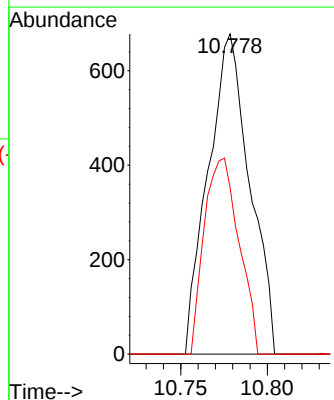
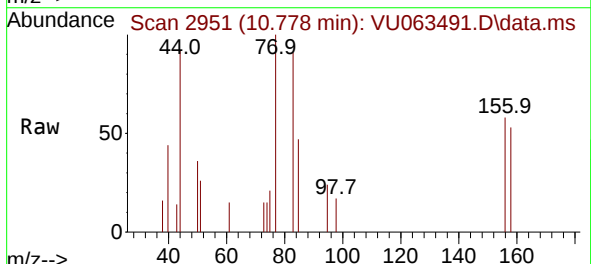
Instrument :
MSVOA_U
ClientSampleId :
MDL05

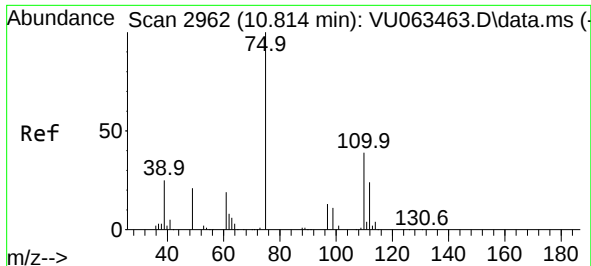
Tgt Ion: 43	Resp:	130
Ion	Ratio	Lower Upper
43	100	
70	0.0	32.6 48.8#
55	0.0	18.6 27.8#
61	0.0	18.9 28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.514 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 83	Resp:	1130
Ion	Ratio	Lower Upper
83	100	
131	0.0	4.8 14.3#
85	51.2	32.3 96.8

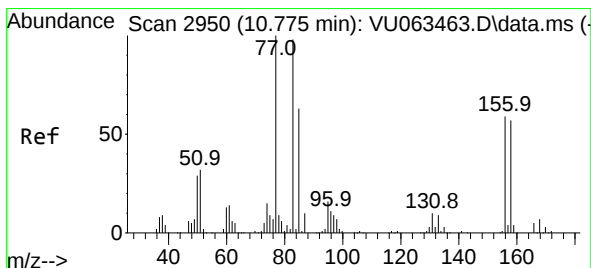
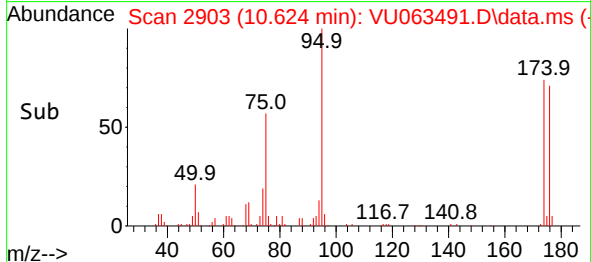
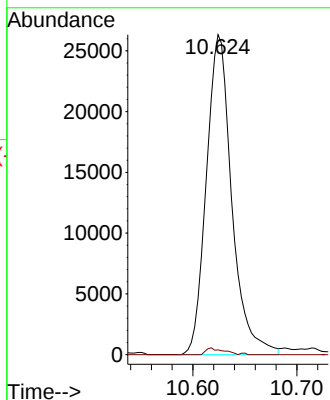
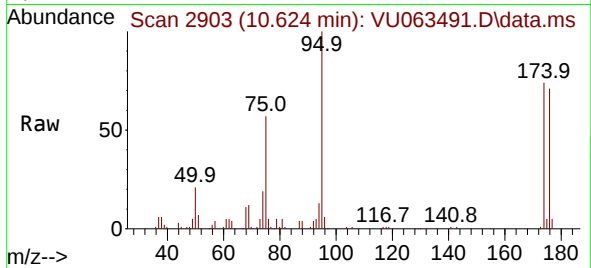




#76
1,2,3-Trichloropropane
Concen: 19.220 ug/l
RT: 10.624 min Scan# 2962
Delta R.T. -0.190 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

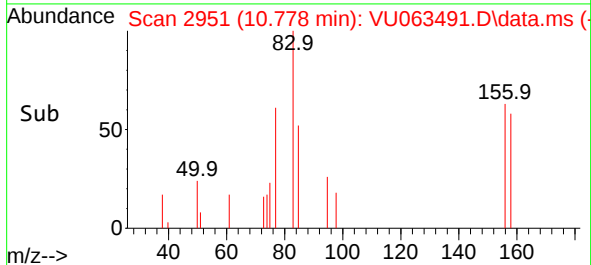
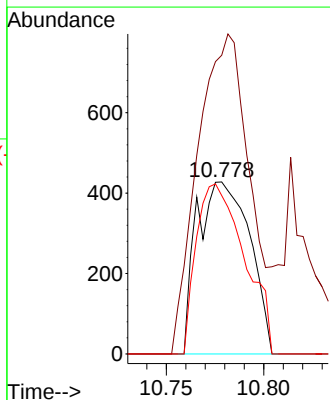
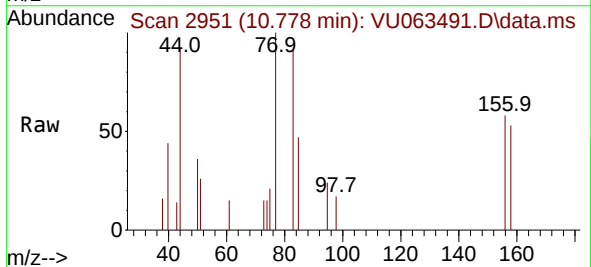
Instrument :
MSVOA_U
ClientSampleId :
MDL05

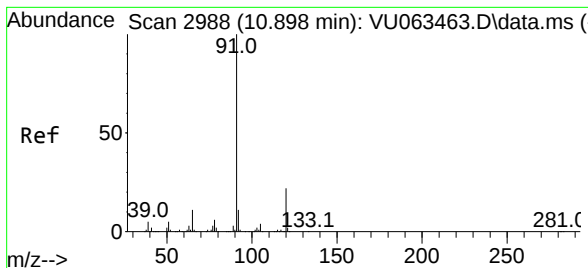
Tgt Ion: 75 Resp: 44746
Ion Ratio Lower Upper
75 100
77 1.4 3.1 9.4#



#77
Bromobenzene
Concen: 0.550 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:156 Resp: 806
Ion Ratio Lower Upper
156 100
77 185.4 78.2 234.6
158 90.1 46.8 140.4





#78

n-propylbenzene

Concen: 0.583 ug/l

RT: 10.904 min Scan# 2988

Delta R.T. 0.006 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

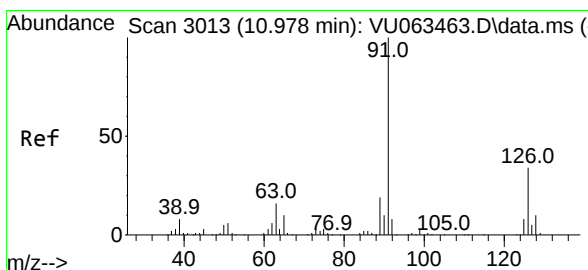
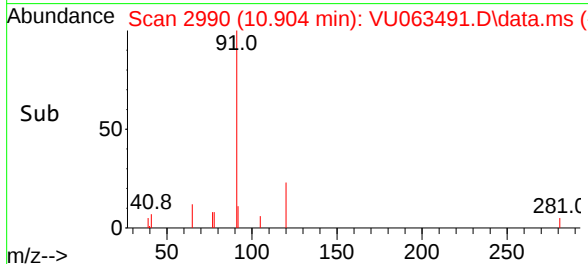
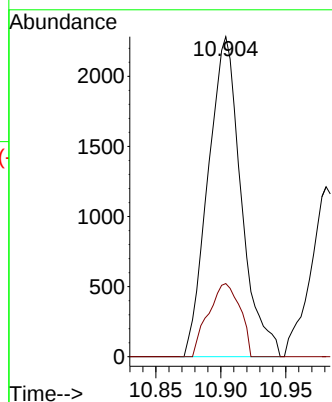
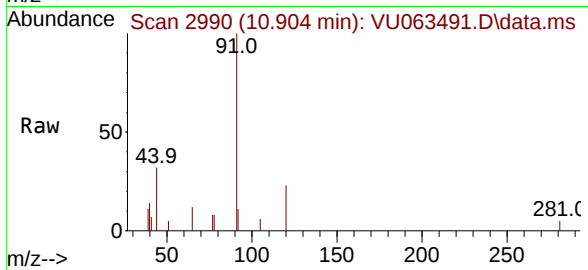
MDL05

Tgt Ion: 91 Resp: 4044

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.554 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063491.D

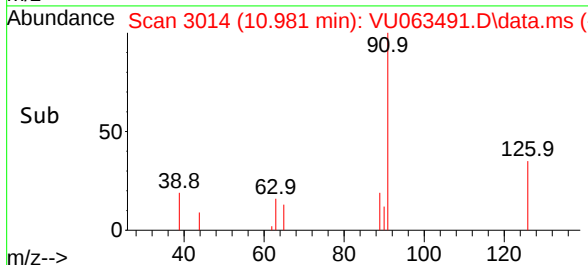
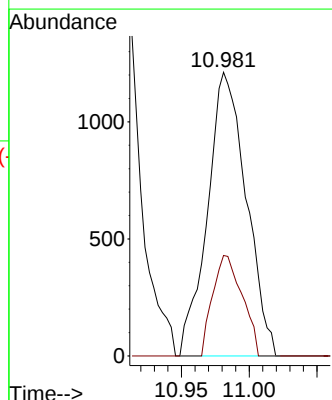
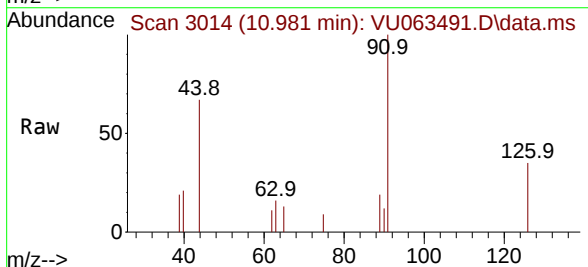
Acq: 11 Jul 2025 12:22

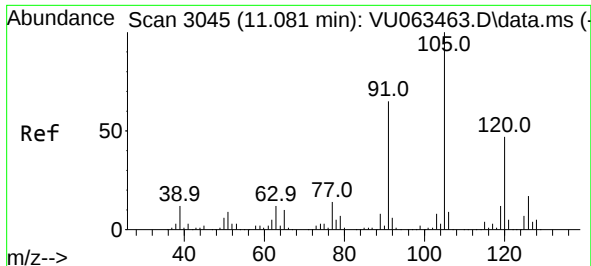
Tgt Ion: 91 Resp: 2409

Ion Ratio Lower Upper

91 100

126 26.9 15.9 47.7

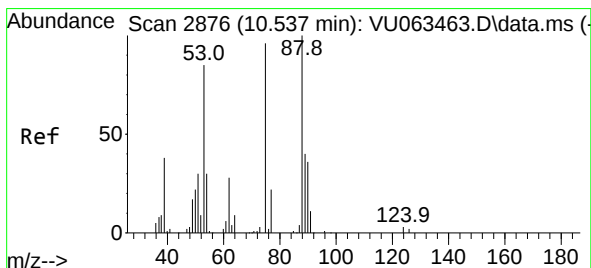
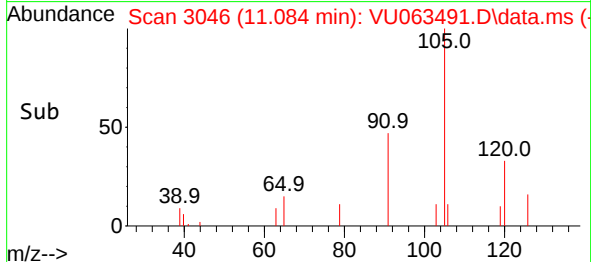
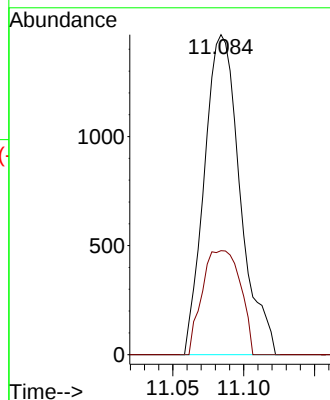
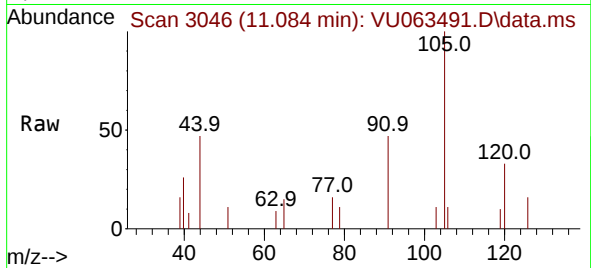




#80
 1,3,5-Trimethylbenzene
 Concen: 0.493 ug/l
 RT: 11.084 min Scan# 3045
 Delta R.T. 0.003 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

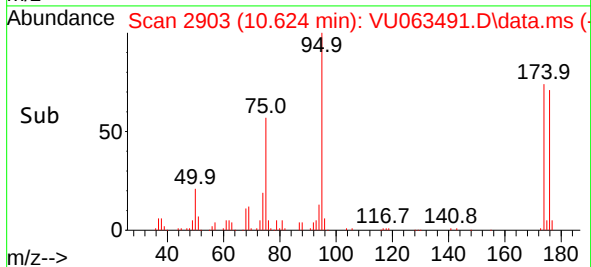
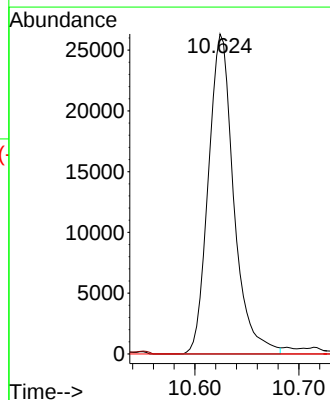
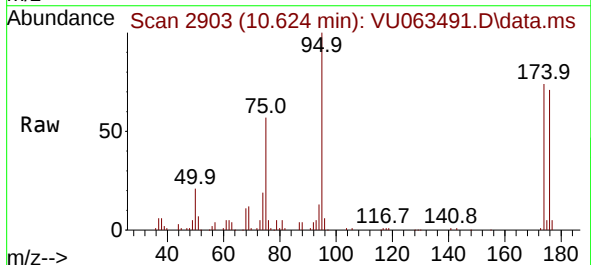
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

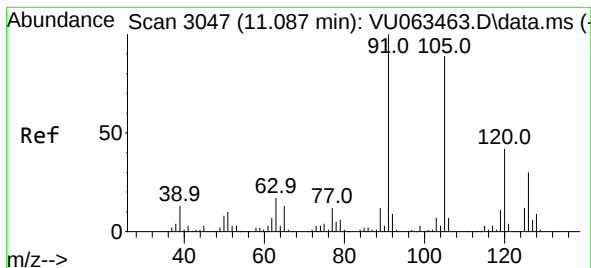
Tgt Ion:105 Resp: 2577
 Ion Ratio Lower Upper
 105 100
 120 34.5 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.857 ug/l
 RT: 10.624 min Scan# 2903
 Delta R.T. 0.087 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion: 75 Resp: 44746
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 36.3 54.5#





#82

4-Chlorotoluene

Concen: 0.571 ug/l

RT: 11.097 min Scan# 3047

Delta R.T. 0.010 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

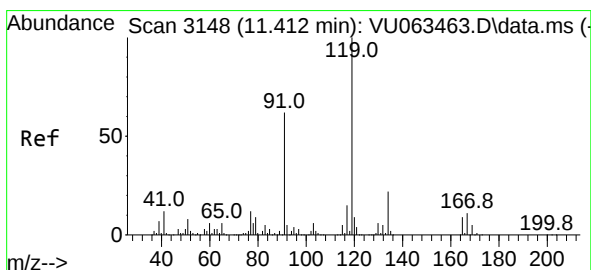
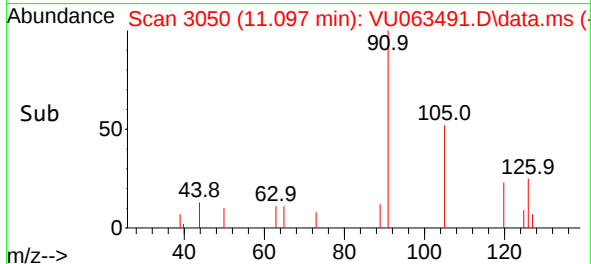
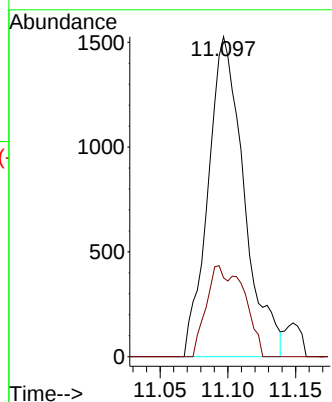
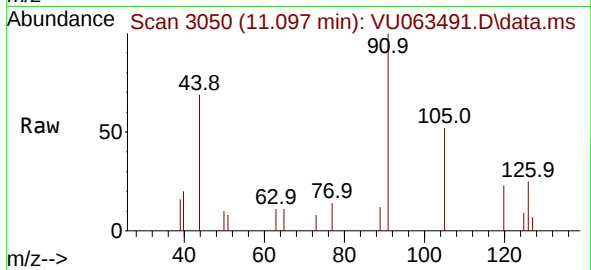
MDL05

Tgt Ion: 91 Resp: 2818

Ion Ratio Lower Upper

91 100

126 16.7 14.4 43.2



#83

tert-Butylbenzene

Concen: 0.517 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

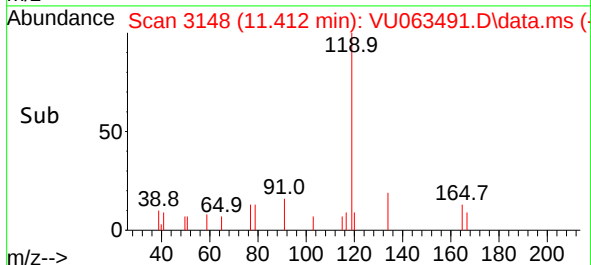
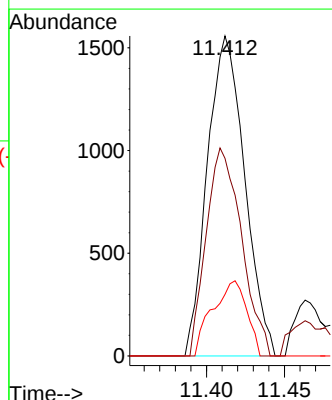
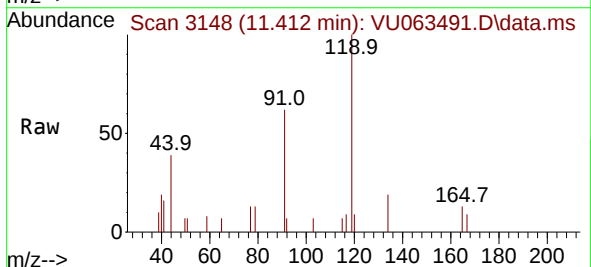
Tgt Ion: 119 Resp: 2593

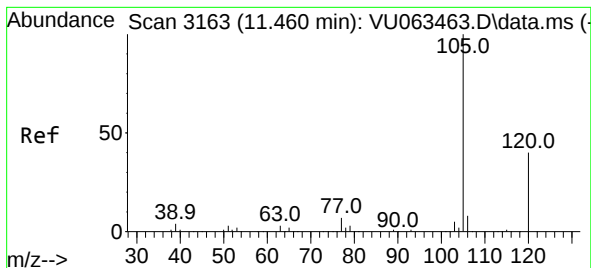
Ion Ratio Lower Upper

119 100

91 61.6 30.3 91.0

134 21.6 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 0.450 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU063491.D

Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

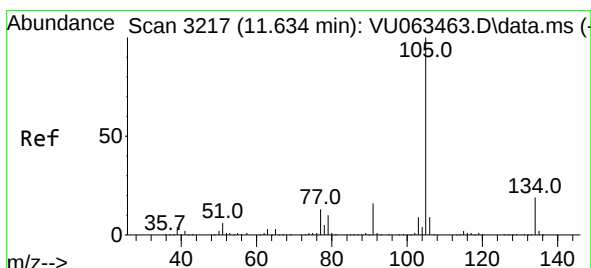
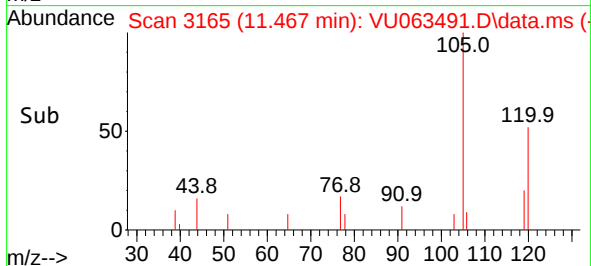
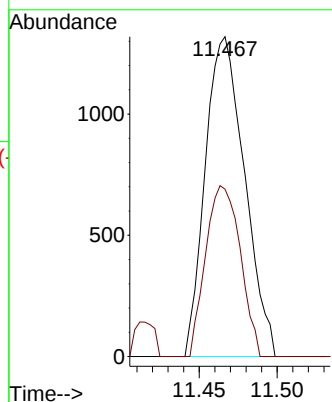
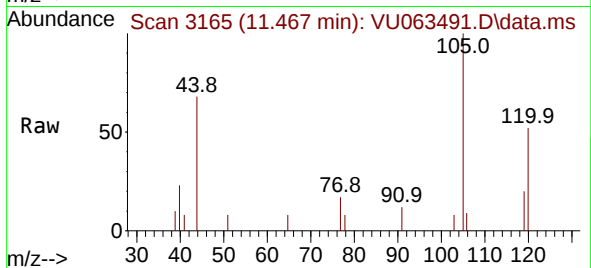
MDL05

Tgt Ion:105 Resp: 2310

Ion Ratio Lower Upper

105 100

120 47.0 22.1 66.3



#85

sec-Butylbenzene

Concen: 0.502 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU063491.D

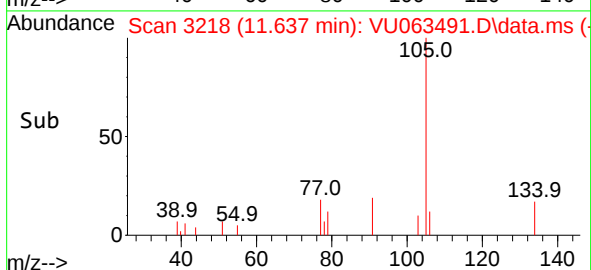
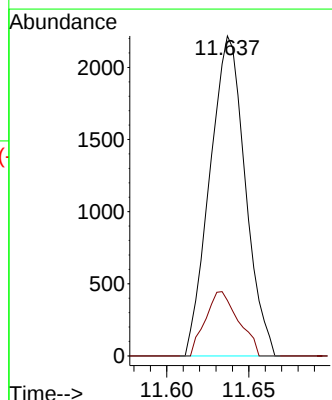
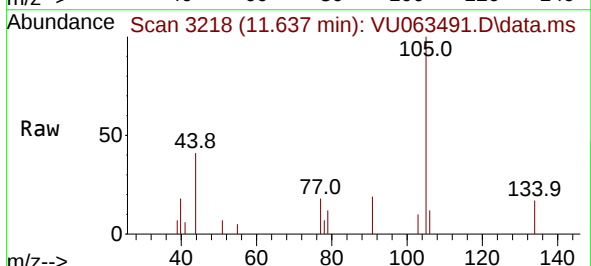
Acq: 11 Jul 2025 12:22

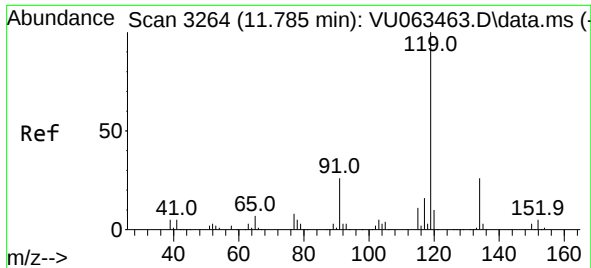
Tgt Ion:105 Resp: 3322

Ion Ratio Lower Upper

105 100

134 18.8 9.7 29.1

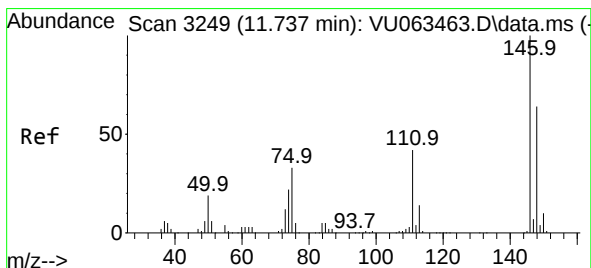
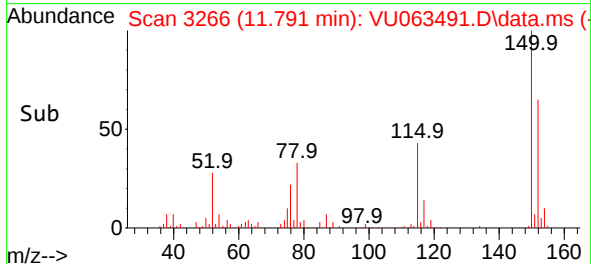
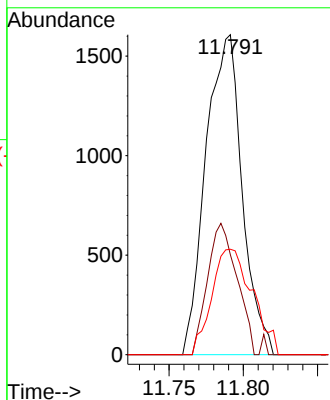
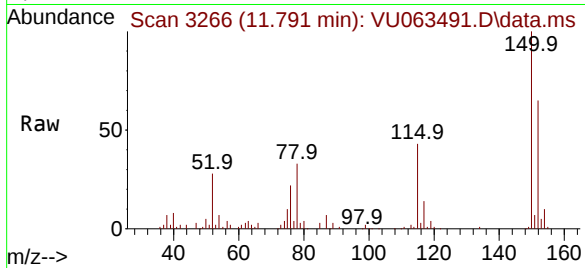




#86
 p-Isopropyltoluene
 Concen: 0.508 ug/l
 RT: 11.791 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

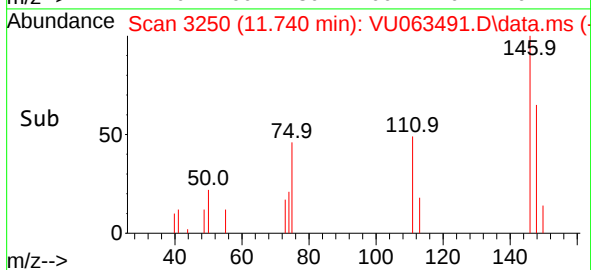
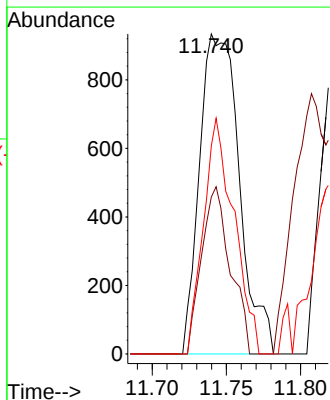
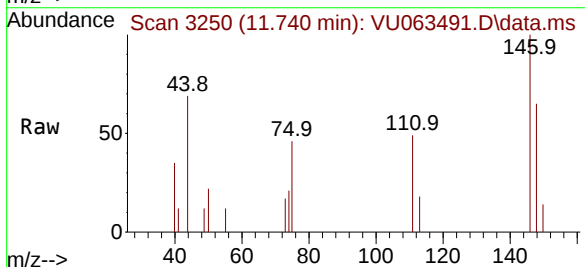
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

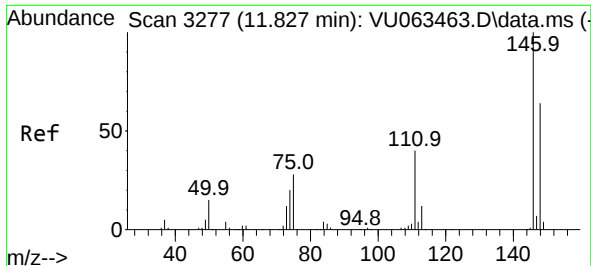
Tgt Ion:119 Resp: 2728
 Ion Ratio Lower Upper
 119 100
 134 33.3 13.0 38.9
 91 37.0 13.0 38.9



#87
 1,3-Dichlorobenzene
 Concen: 0.615 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU063491.D
 Acq: 11 Jul 2025 12:22

Tgt Ion:146 Resp: 1738
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.9 62.7
 148 56.4 31.9 95.9

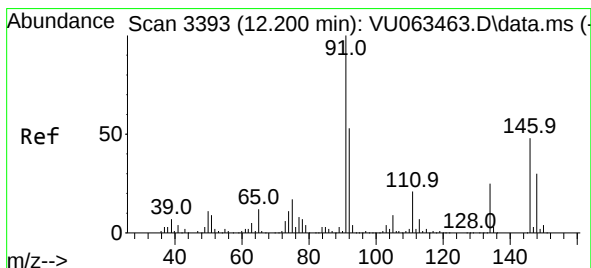
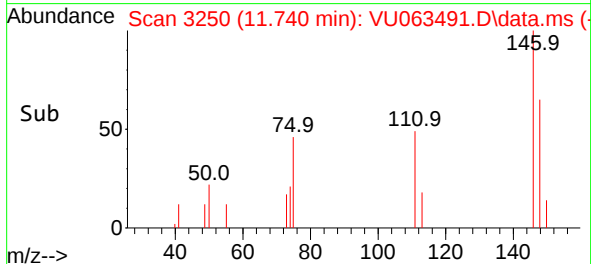
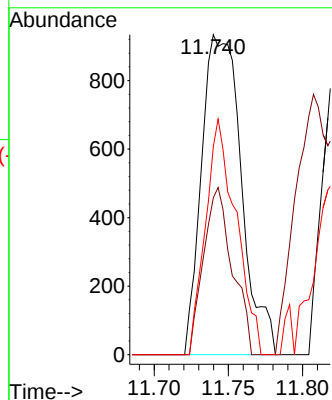
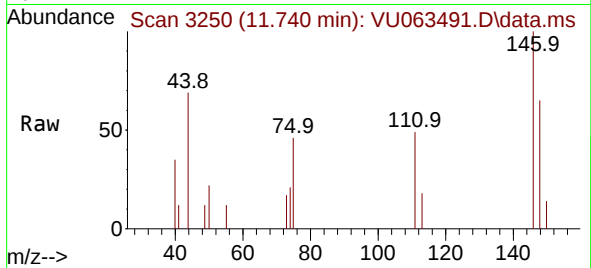




#88
1,4-Dichlorobenzene
Concen: 0.604 ug/l
RT: 11.740 min Scan# 31
Delta R.T. -0.087 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

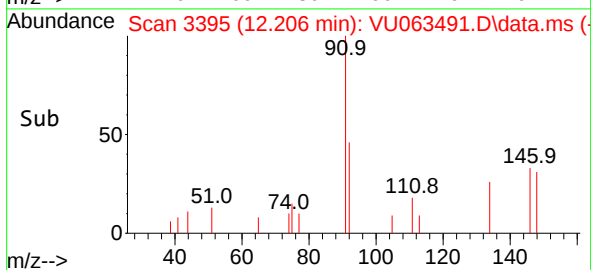
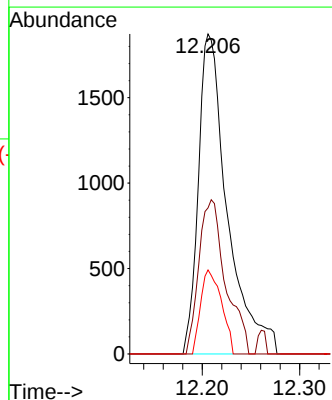
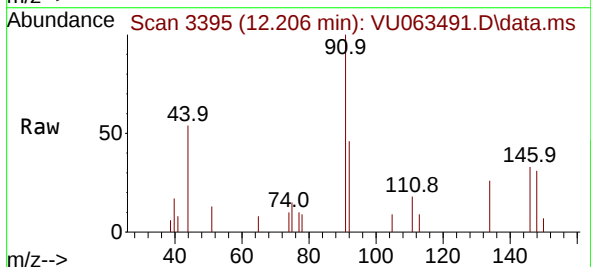
Instrument :
MSVOA_U
ClientSampleId :
MDL05

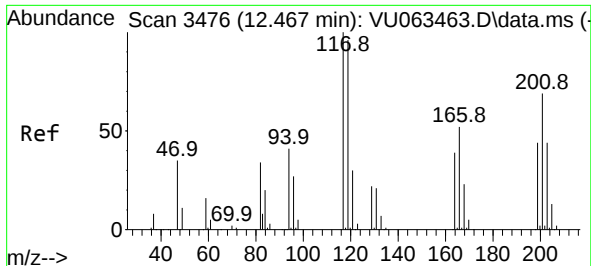
Tgt Ion:146 Resp: 1738
Ion Ratio Lower Upper
146 100
111 37.9 20.8 62.4
148 56.4 31.9 95.9



#89
n-Butylbenzene
Concen: 0.777 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion: 91 Resp: 3862
Ion Ratio Lower Upper
91 100
92 44.6 26.4 79.2
134 18.9 12.4 37.0

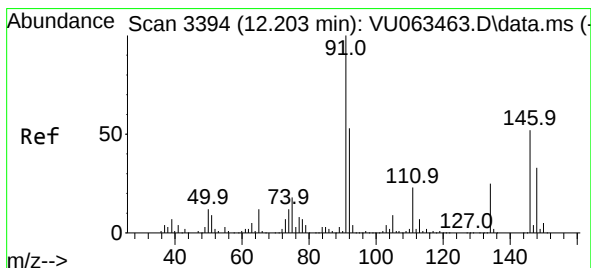
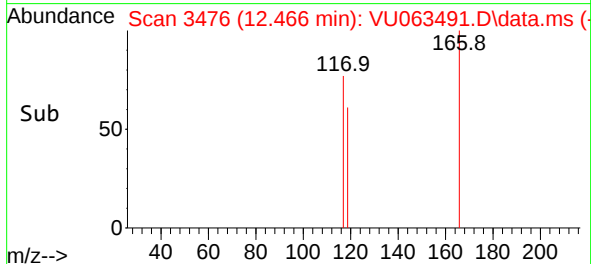
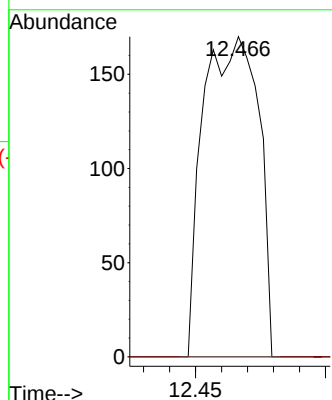
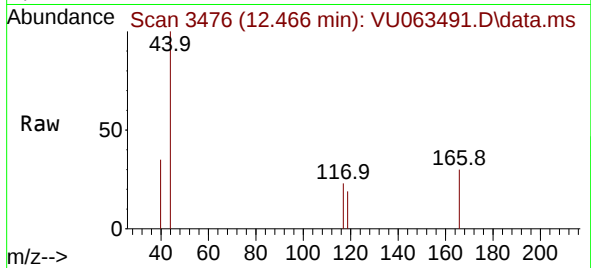




#90
Hexachloroethane
Concen: 0.280 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

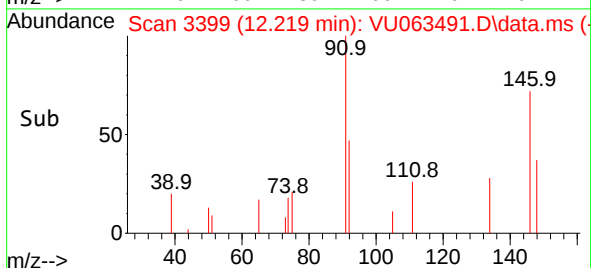
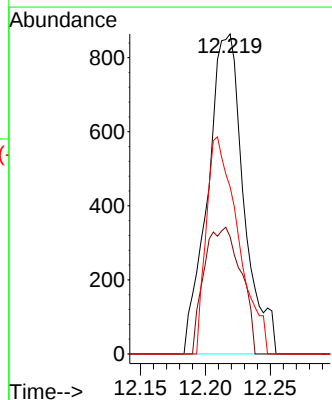
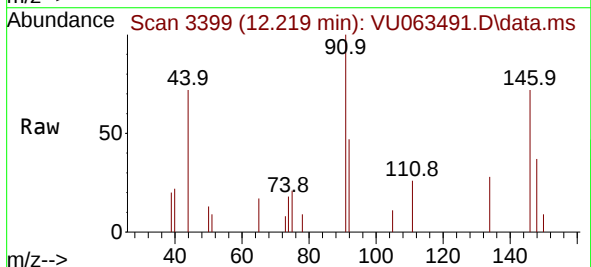
Instrument :
MSVOA_U
ClientSampleId :
MDL05

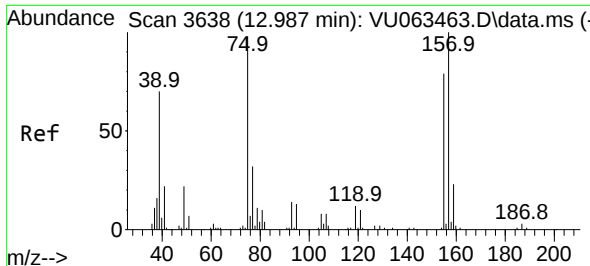
Tgt Ion:117 Resp: 251
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 0.605 ug/l
RT: 12.219 min Scan# 3399
Delta R.T. 0.016 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

Tgt Ion:146 Resp: 1665
Ion Ratio Lower Upper
146 100
111 40.5 21.9 65.5
148 59.9 31.6 95.0

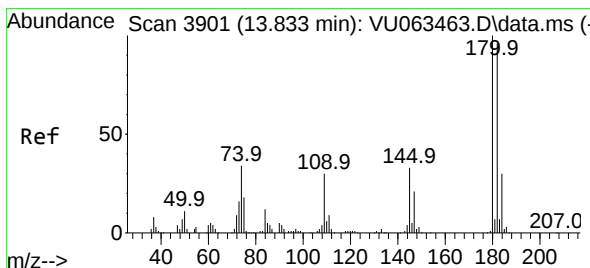
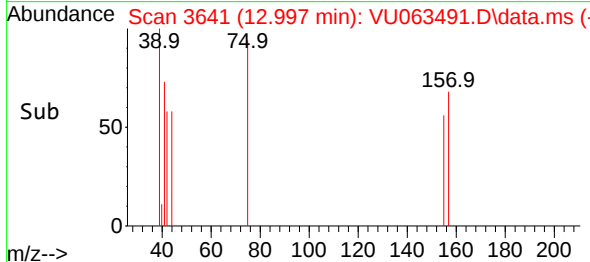
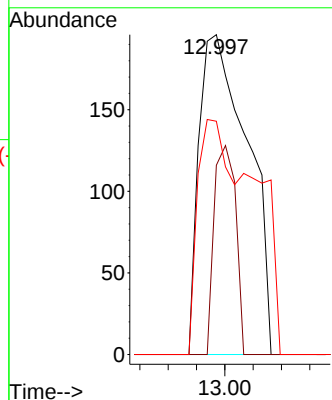
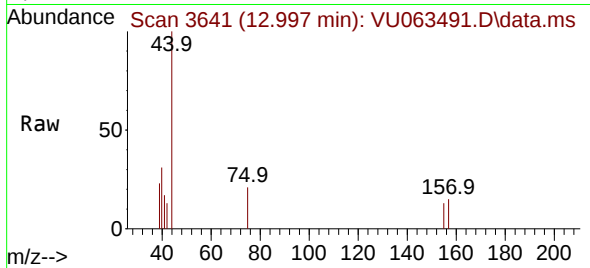




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.447 ug/l
RT: 12.997 min Scan# 30
Delta R.T. 0.010 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

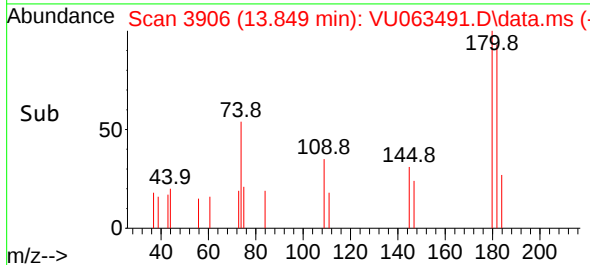
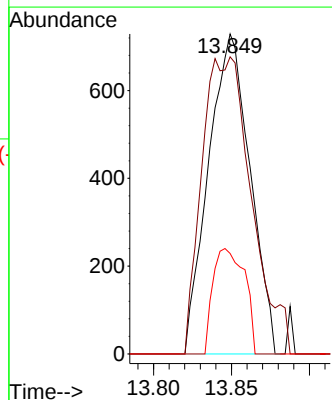
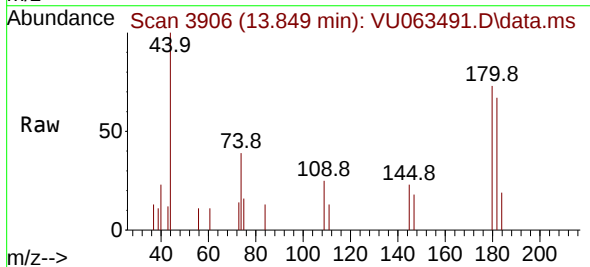
Instrument :
MSVOA_U
ClientSampleId :
MDL05

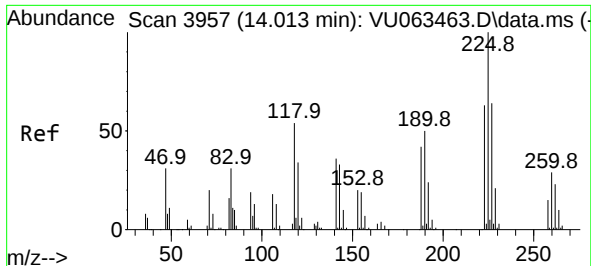
Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
155 29.2 39.1 117.5#
157 86.7 49.4 148.2



#93
1,2,4-Trichlorobenzene
Concen: 0.767 ug/l
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

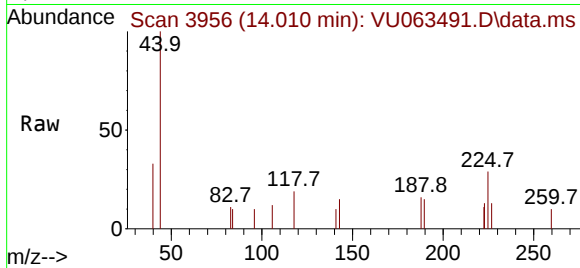
Tgt Ion:180 Resp: 1352
Ion Ratio Lower Upper
180 100
182 110.4 47.7 143.1
145 25.0 16.6 49.7



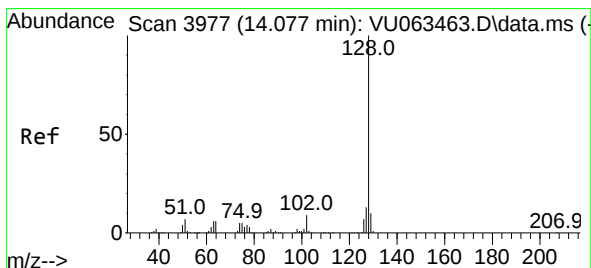
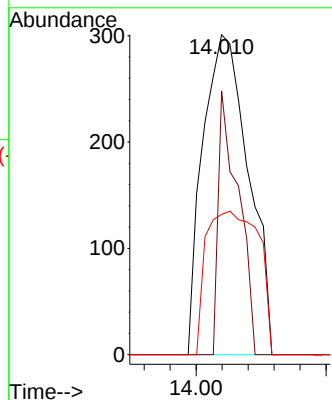
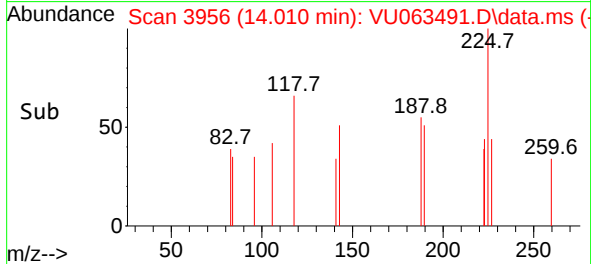


#94
Hexachlorobutadiene
Concen: 0.487 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22

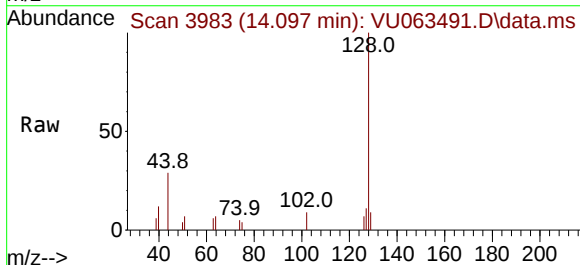
Instrument :
MSVOA_U
ClientSampleId :
MDL05



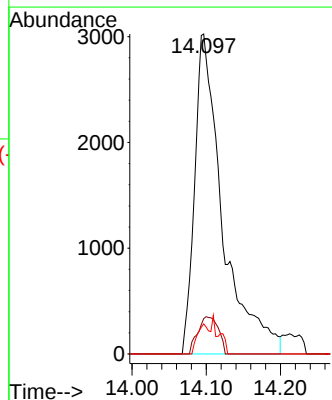
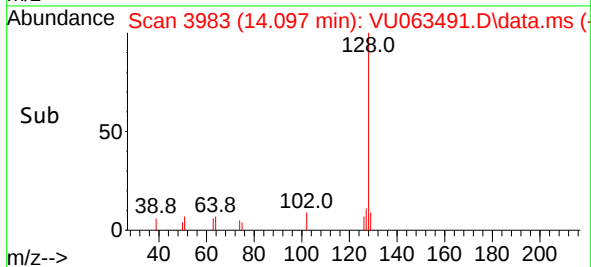
Tgt Ion:	225	Resp:	367
Ion	Ratio	Lower	Upper
225	100		
223	36.2	32.4	97.0
227	51.5	32.3	96.9

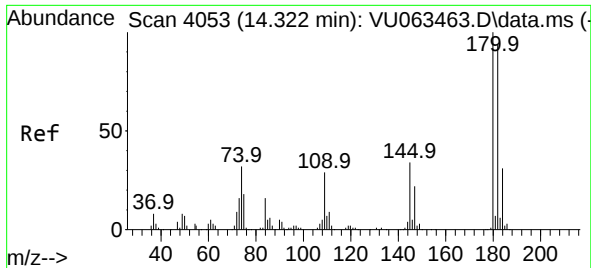


#95
Naphthalene
Concen: 1.369 ug/l
RT: 14.097 min Scan# 3983
Delta R.T. 0.019 min
Lab File: VU063491.D
Acq: 11 Jul 2025 12:22



Tgt Ion:	128	Resp:	7909
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.2	15.4#
129	4.2	8.6	12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.900 ug/l

RT: 14.331 min Scan# 40

Delta R.T. 0.010 min

Lab File: VU063491.D

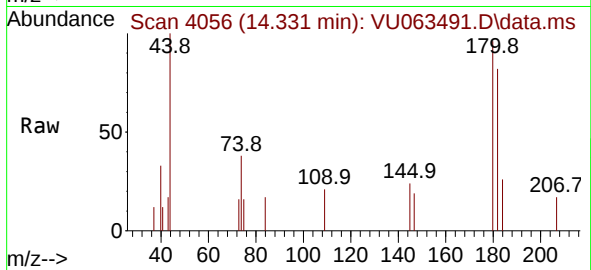
Acq: 11 Jul 2025 12:22

Instrument :

MSVOA_U

ClientSampleId :

MDL05



Tgt Ion:180 Resp: 1559

Ion Ratio Lower Upper

180 100

182 89.8 47.8 143.3

145 20.5 17.2 51.5

