

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063496.D
 Acq On : 11 Jul 2025 16:40
 Operator : MD/SY
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Jul 12 03:58:29 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	101701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	185708	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	169062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	84088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.688	65	73361	56.537	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.080%	
35) Dibromofluoromethane	5.274	113	56822	50.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.520%	
50) Toluene-d8	7.888	98	174130	47.721	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	10.624	95	78053	48.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	379	0.469	ug/l	80
3) Chloromethane	1.518	50	768	0.780	ug/l #	74
4) Vinyl Chloride	1.599	62	642	0.588	ug/l	98
5) Bromomethane	1.846	94	894	1.168	ug/l	93
6) Chloroethane	1.923	64	954	1.205	ug/l	98
7) Trichlorofluoromethane	2.129	101	757	0.430	ug/l #	66
8) Diethyl Ether	2.370	74	467	0.636	ug/l #	24
9) 1,1,2-Trichlorotrifluo...	2.560	101	500	0.480	ug/l #	79
10) Methyl Iodide	2.708	142	702	0.645	ug/l #	87
11) Tert butyl alcohol	3.197	59	2386	5.484	ug/l #	91
12) 1,1-Dichloroethene	2.570	96	701	0.722	ug/l #	77
13) Acrolein	2.476	56	474	7.719	ug/l	86
14) Allyl chloride	2.894	41	332	0.144	ug/l #	1
15) Acrylonitrile	3.309	53	3790	4.067	ug/l	95
16) Acetone	2.624	43	3977	3.654	ug/l #	84
17) Carbon Disulfide	2.775	76	2101	0.906	ug/l	97
18) Methyl Acetate	2.946	43	2348	0.838	ug/l #	88
19) Methyl tert-butyl Ether	3.354	73	1272	0.304	ug/l #	69
20) Methylene Chloride	3.020	84	1138	0.717	ug/l #	78
21) trans-1,2-Dichloroethene	3.325	96	771	0.740	ug/l #	76
22) Diisopropyl ether	3.984	45	952	0.242	ug/l #	50
23) Vinyl Acetate	3.971	43	6981	2.288	ug/l	99
24) 1,1-Dichloroethane	3.853	63	1038	0.465	ug/l #	82
25) 2-Butanone	4.692	43	96	0.079	ug/l #	49
26) 2,2-Dichloropropane	4.637	77	354	0.182	ug/l	77
27) cis-1,2-Dichloroethene	4.656	96	646	0.469	ug/l	94
28) Bromochloromethane	4.968	49	471	0.449	ug/l #	73
29) Tetrahydrofuran	5.068	42	2364	3.067	ug/l #	69
30) Chloroform	5.071	83	1100	0.467	ug/l	91
31) Cyclohexane	5.360	56	3723	2.075	ug/l #	32
32) 1,1,1-Trichloroethane	5.296	97	654	0.326	ug/l #	47
36) 1,1-Dichloropropene	5.518	75	940	0.618	ug/l #	66
37) Ethyl Acetate	4.846	43	74	0.030	ug/l #	70
38) Carbon Tetrachloride	5.505	117	866	0.517	ug/l #	72
39) Methylcyclohexane	6.743	83	886	0.482	ug/l #	75
40) Benzene	5.769	78	2390	0.503	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063496.D
 Acq On : 11 Jul 2025 16:40
 Operator : MD/SY
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

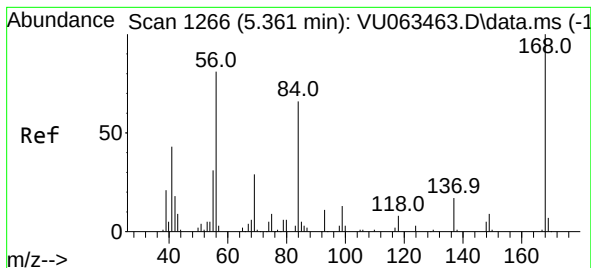
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Jul 12 03:58:29 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	148	0.127	ug/l #	21
42) 1,2-Dichloroethane	5.795	62	662	0.371	ug/l #	76
43) Isopropyl Acetate	5.939	43	1136	0.347	ug/l #	61
44) Trichloroethene	6.531	130	657	0.517	ug/l	99
45) 1,2-Dichloropropane	6.785	63	409	0.310	ug/l #	43
46) Dibromomethane	6.901	93	189	0.201	ug/l #	66
47) Bromodichloromethane	7.094	83	766	0.392	ug/l #	88
48) Methyl methacrylate	6.933	41	64	0.042	ug/l #	40
49) 1,4-Dioxane	6.965	88	79	2.381	ug/l #	15
51) 4-Methyl-2-Pentanone	7.798	43	7391	3.121	ug/l	98
52) Toluene	7.968	92	1716	0.552	ug/l	88
53) t-1,3-Dichloropropene	8.209	75	739	0.432	ug/l #	65
54) cis-1,3-Dichloropropene	7.608	75	753	0.393	ug/l #	80
55) 1,1,2-Trichloroethane	8.396	97	567	0.430	ug/l #	71
56) Ethyl methacrylate	8.335	69	894	0.420	ug/l #	75
57) 1,3-Dichloropropane	8.569	76	1021	0.469	ug/l	95
59) 2-Hexanone	8.692	43	6217	3.471	ug/l	95
60) Dibromochloromethane	8.801	129	565	0.382	ug/l	73
61) 1,2-Dibromoethane	8.917	107	546	0.422	ug/l	87
64) Tetrachloroethene	8.550	164	575	0.457	ug/l	93
65) Chlorobenzene	9.434	112	1871	0.532	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.524	131	468	0.388	ug/l #	62
67) Ethyl Benzene	9.566	91	3160	0.523	ug/l	97
68) m/p-Xylenes	9.688	106	2503	1.085	ug/l	96
69) o-Xylene	10.097	106	975	0.416	ug/l	73
70) Styrene	10.132	104	1620	0.434	ug/l	96
71) Bromoform	10.283	173	172	0.164	ug/l #	89
73) Isopropylbenzene	10.479	105	3224	0.563	ug/l	97
74) N-amyl acetate	10.328	43	1755	0.684	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	10.778	83	1125	0.534	ug/l #	81
76) 1,2,3-Trichloropropane	10.817	75	1676	0.752	ug/l #	53
77) Bromobenzene	10.781	156	587	0.419	ug/l #	32
78) n-propylbenzene	10.904	91	4205	0.634	ug/l	95
79) 2-Chlorotoluene	10.984	91	2512	0.604	ug/l	91
81) trans-1,4-Dichloro-2-b...	10.624	75	43589	97.568	ug/l #	12
82) 4-Chlorotoluene	11.100	91	2850	0.603	ug/l	94
83) tert-Butylbenzene	11.408	119	2455	0.512	ug/l	92
84) 1,2,4-Trimethylbenzene	11.470	105	2695	0.548	ug/l	90
85) sec-Butylbenzene	11.634	105	3622	0.572	ug/l	94
86) p-Isopropyltoluene	11.791	119	3292	0.641	ug/l	92
87) 1,3-Dichlorobenzene	11.743	146	1859	0.688	ug/l	87
88) 1,4-Dichlorobenzene	11.743	146	1859	0.675	ug/l	87
89) n-Butylbenzene	12.212	91	3976	0.836	ug/l	91
90) Hexachloroethane	12.470	117	305	0.355	ug/l #	34
91) 1,2-Dichlorobenzene	12.216	146	1484	0.563	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.997	75	241	0.483	ug/l #	35
93) 1,2,4-Trichlorobenzene	13.839	180	1470	0.871	ug/l	94
94) Hexachlorobutadiene	14.016	225	367	0.509	ug/l	78
95) Naphthalene	14.100	128	7104	1.285	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.338	180	1263	0.761	ug/l	84

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

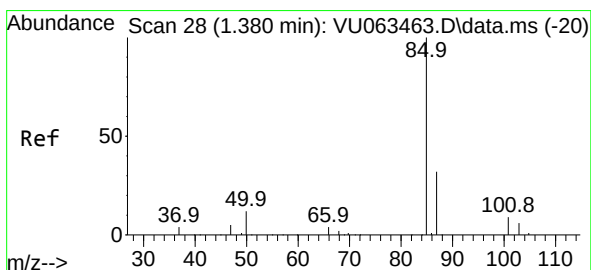
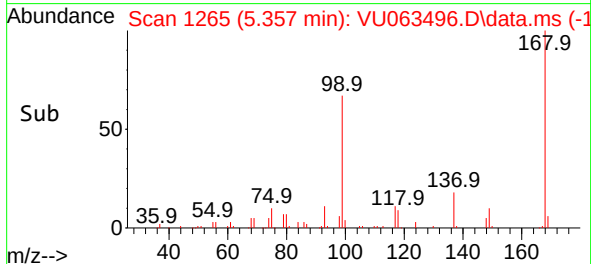
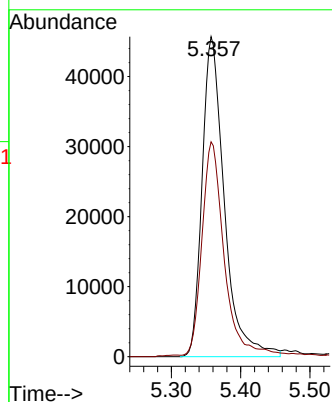
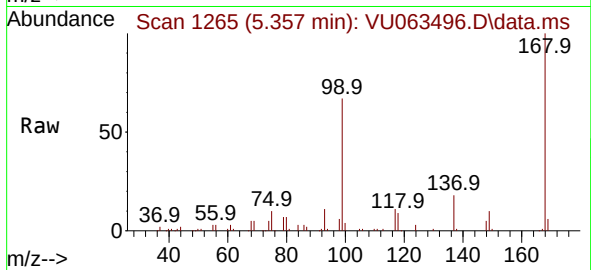
Instrument :
MSVOA_U
ClientSampleId :
MDL04



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

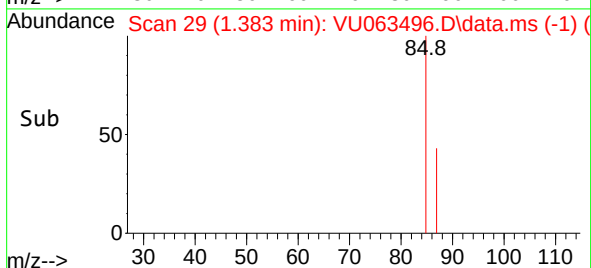
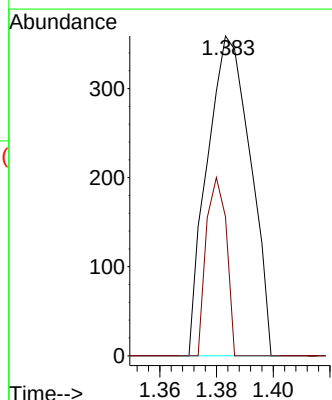
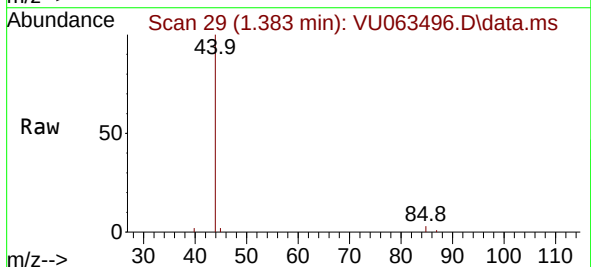
Instrument :
MSVOA_U
ClientSampleId :
MDL04

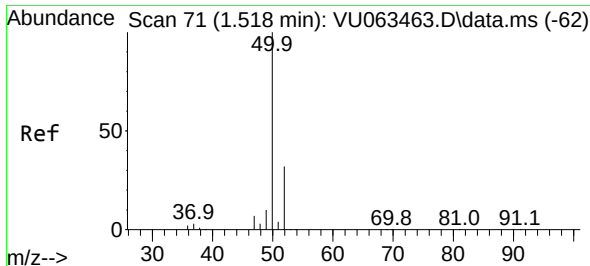
Tgt Ion:168 Resp: 101701
Ion Ratio Lower Upper
168 100
99 66.7 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 0.469 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 85 Resp: 379
Ion Ratio Lower Upper
85 100
87 43.5 16.1 48.2

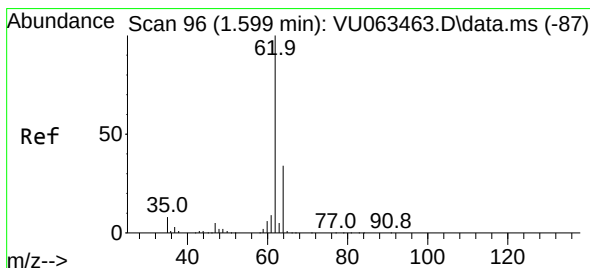
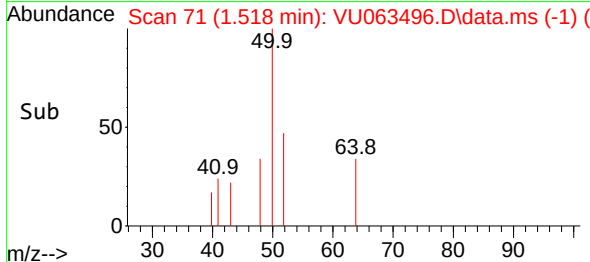
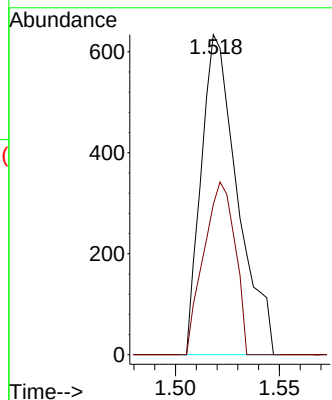
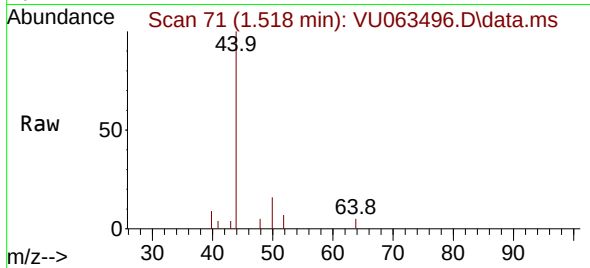




#3
Chloromethane
Concen: 0.780 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

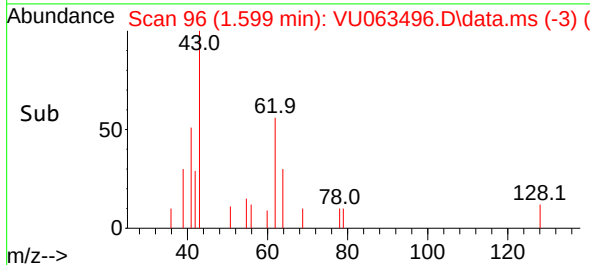
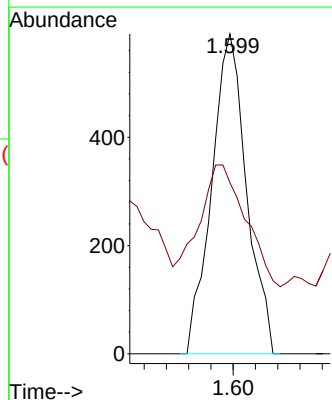
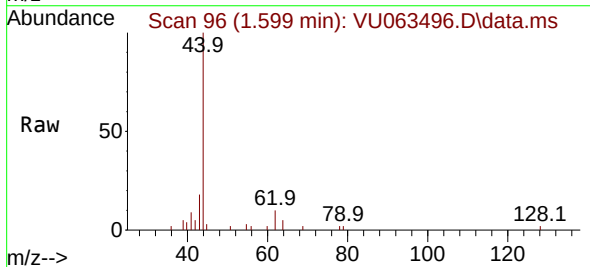
Instrument : MSVOA_U
ClientSampleId : MDL04

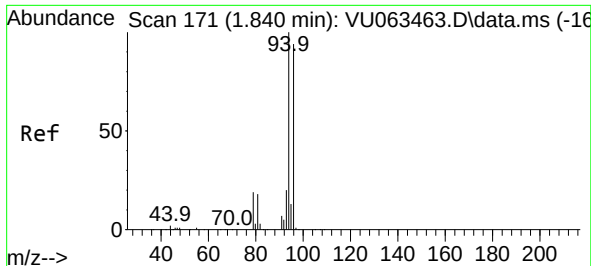
Tgt Ion: 50 Resp: 768
Ion Ratio Lower Upper
50 100
52 47.0 25.8 38.8#



#4
Vinyl Chloride
Concen: 0.588 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 62 Resp: 642
Ion Ratio Lower Upper
62 100
64 32.5 26.9 40.3

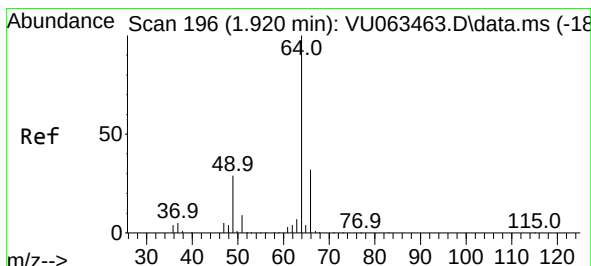
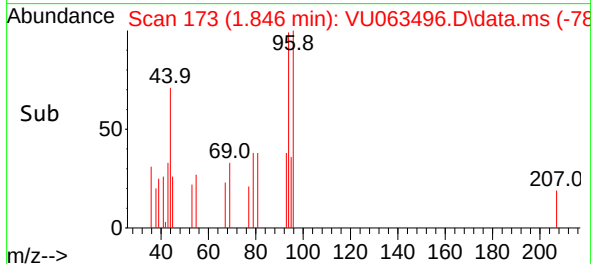
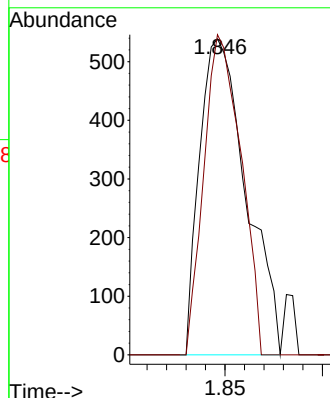
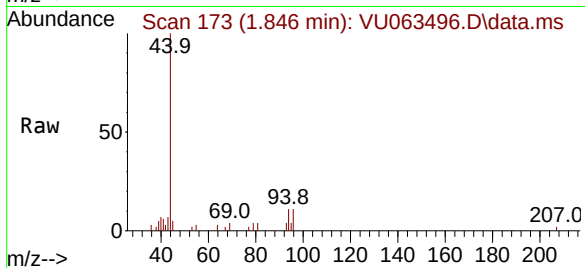




#5
Bromomethane
Concen: 1.168 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

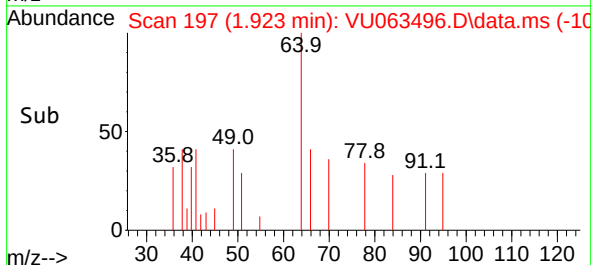
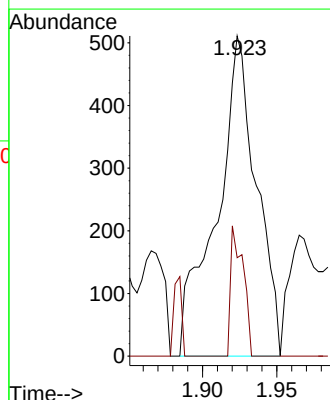
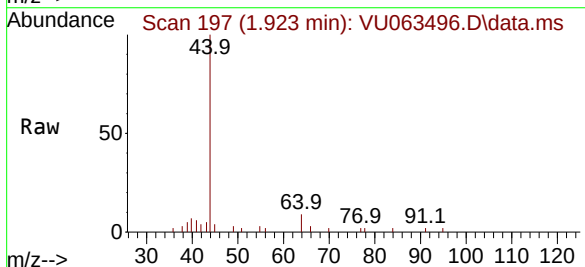
Instrument :
MSVOA_U
ClientSampleId :
MDL04

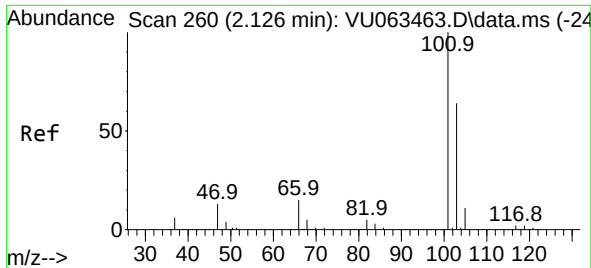
Tgt Ion: 94 Resp: 894
Ion Ratio Lower Upper
94 100
96 101.3 75.5 113.3



#6
Chloroethane
Concen: 1.205 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 64 Resp: 954
Ion Ratio Lower Upper
64 100
66 30.7 25.3 37.9

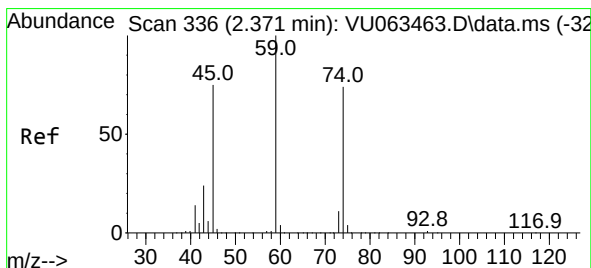
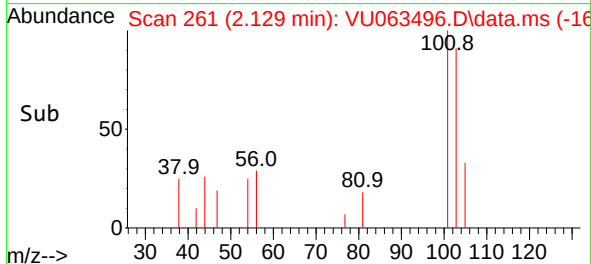
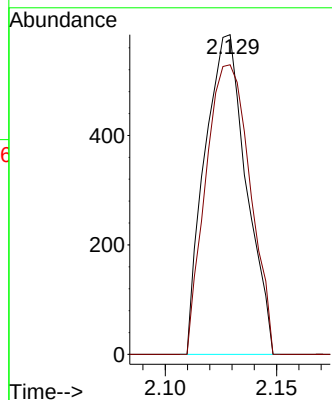
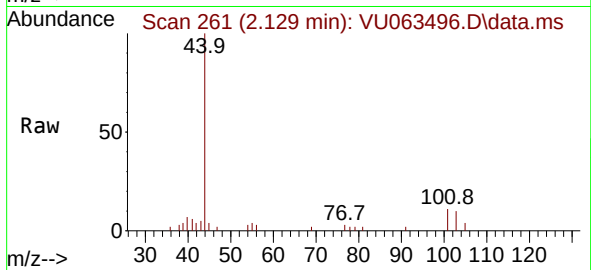




#7
Trichlorofluoromethane
Concen: 0.430 ug/l
RT: 2.129 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

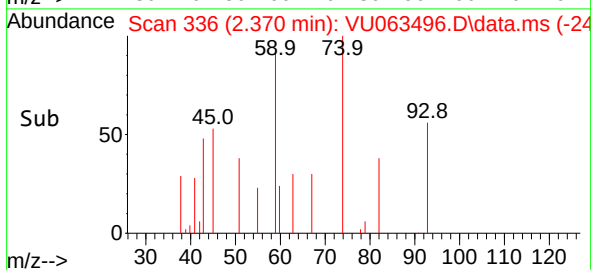
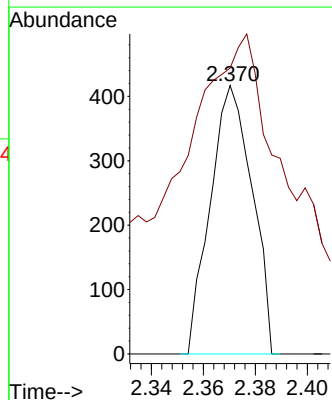
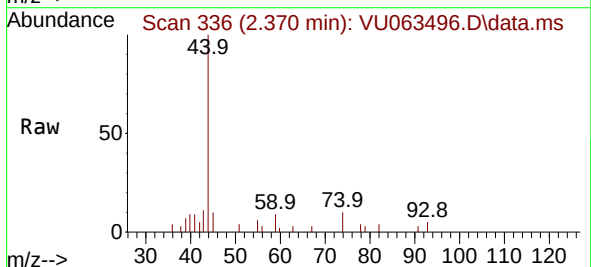
Instrument :
MSVOA_U
ClientSampleId :
MDL04

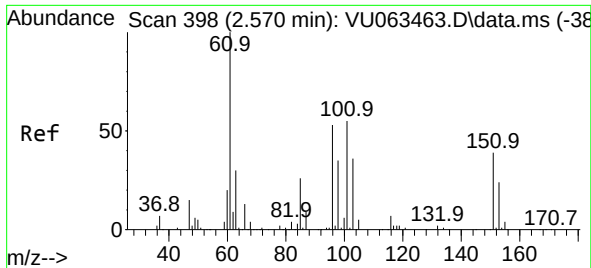
Tgt Ion:101 Resp: 757
Ion Ratio Lower Upper
101 100
103 90.6 51.1 76.7#



#8
Diethyl Ether
Concen: 0.636 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 74 Resp: 467
Ion Ratio Lower Upper
74 100
45 175.6 49.7 149.1#

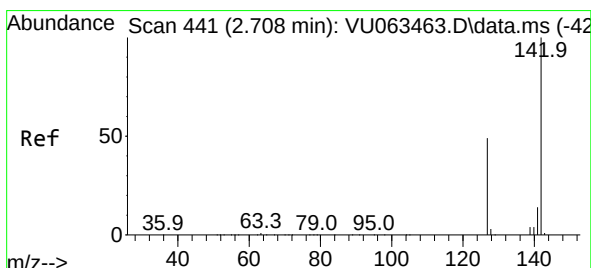
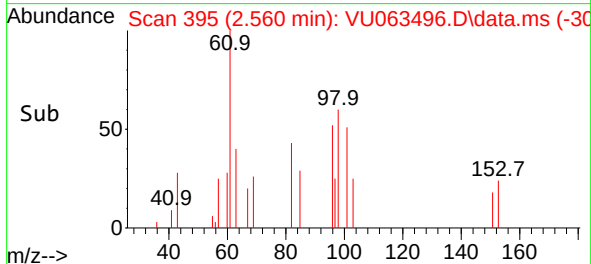
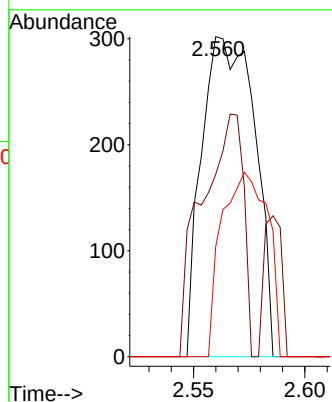
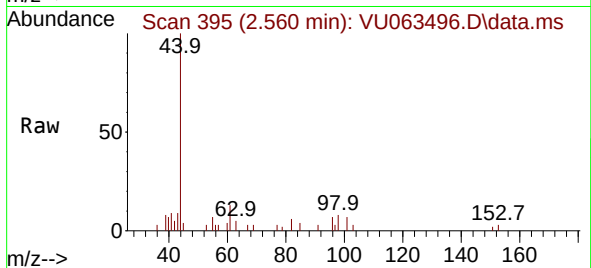




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.480 ug/l
RT: 2.560 min Scan# 398
Delta R.T. -0.010 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

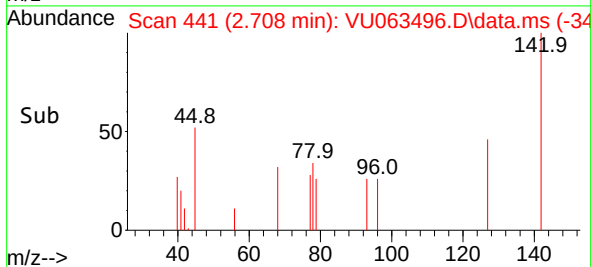
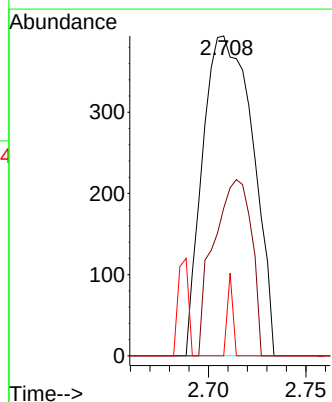
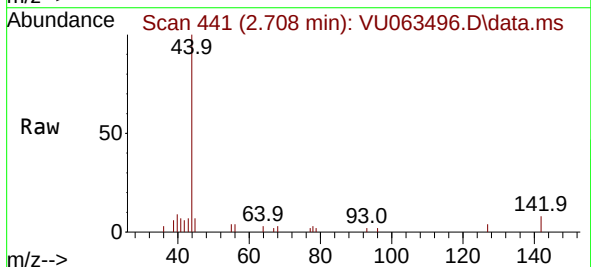
Instrument :
MSVOA_U
ClientSampleId :
MDL04

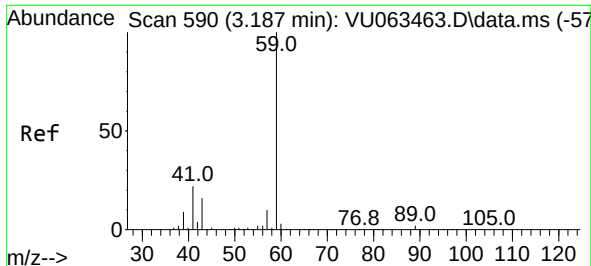
Tgt Ion:101 Resp: 500
Ion Ratio Lower Upper
101 100
85 59.6 39.6 59.4#
151 50.0 57.2 85.8#



#10
Methyl Iodide
Concen: 0.645 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:142 Resp: 702
Ion Ratio Lower Upper
142 100
127 41.6 38.2 57.4
141 2.8 11.1 16.7#

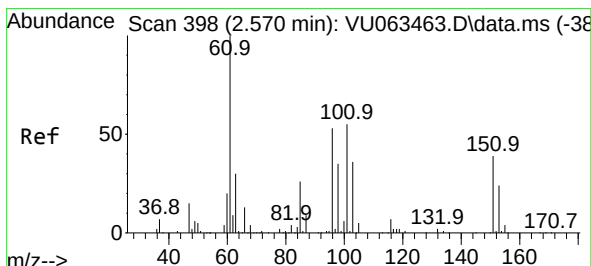
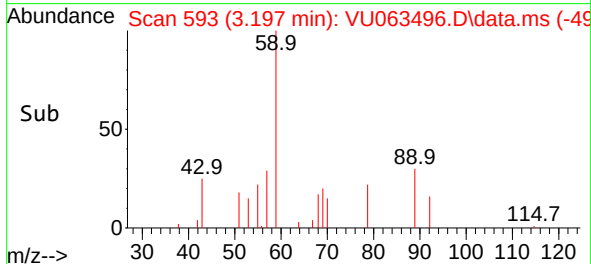
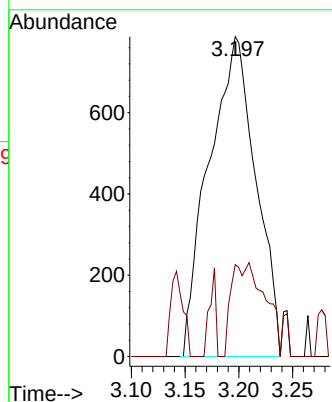
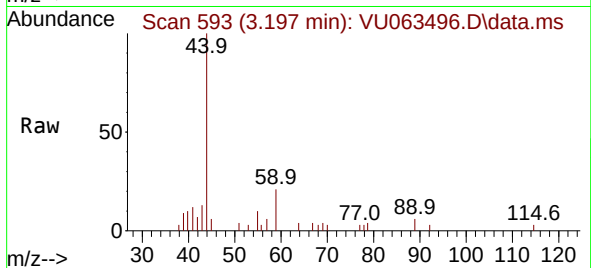




#11
Tert butyl alcohol
Concen: 5.484 ug/l
RT: 3.197 min Scan# 591
Delta R.T. 0.009 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

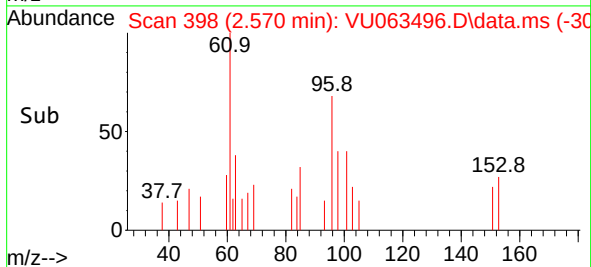
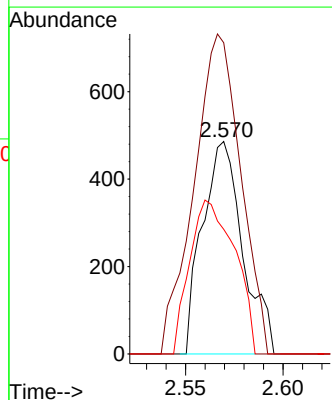
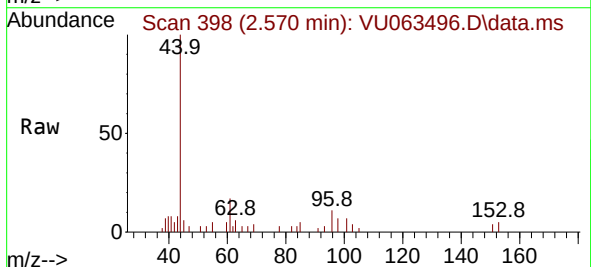
Instrument :
MSVOA_U
ClientSampleId :
MDL04

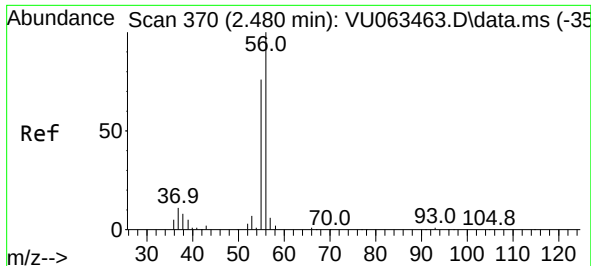
Tgt Ion: 59 Resp: 2386
Ion Ratio Lower Upper
59 100
57 7.6 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 0.722 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 96 Resp: 701
Ion Ratio Lower Upper
96 100
61 146.5 149.6 224.4#
98 58.6 52.0 78.0

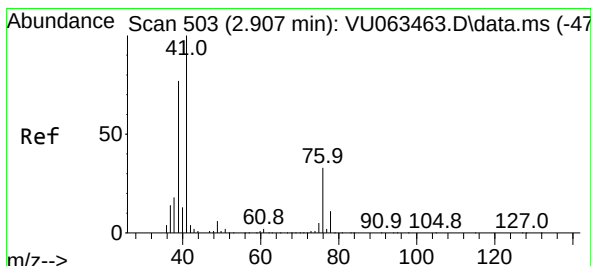
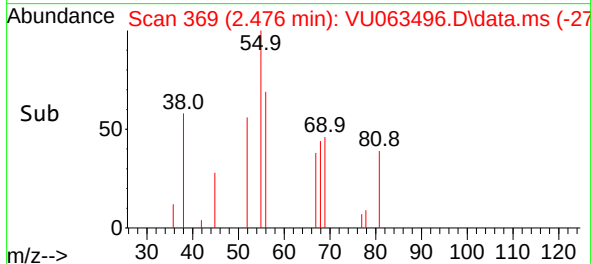
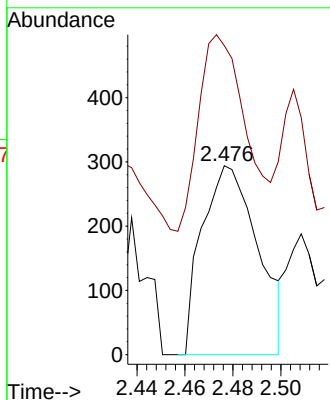
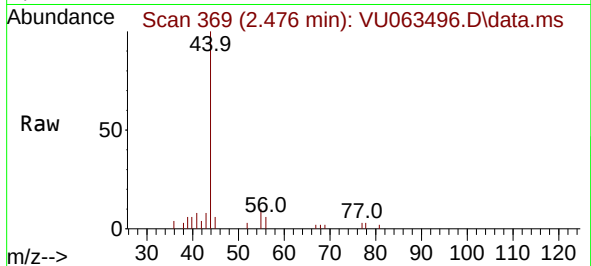




#13
Acrolein
Concen: 7.719 ug/l
RT: 2.476 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

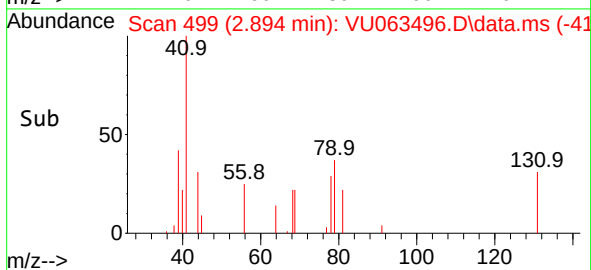
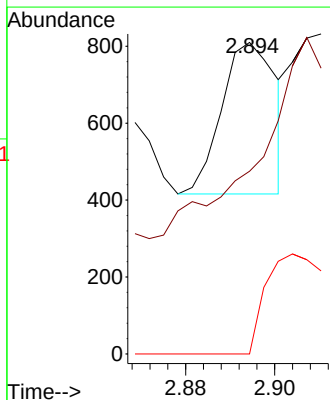
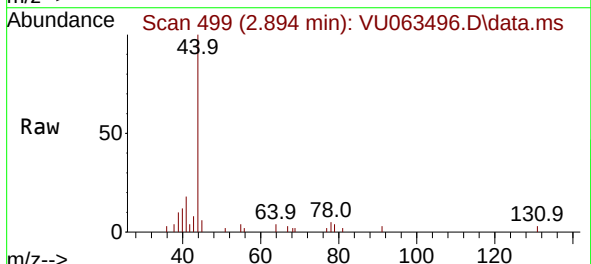
Instrument :
MSVOA_U
ClientSampleId :
MDL04

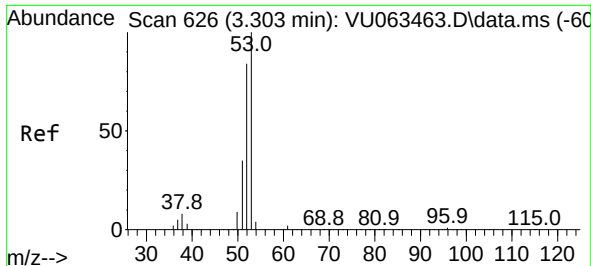
Tgt Ion: 56 Resp: 474
Ion Ratio Lower Upper
56 100
55 87.3 60.2 90.2



#14
Allyl chloride
Concen: 0.144 ug/l
RT: 2.894 min Scan# 499
Delta R.T. -0.013 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 41 Resp: 332
Ion Ratio Lower Upper
41 100
39 238.9 53.9 80.9#
76 75.3 23.1 34.7#

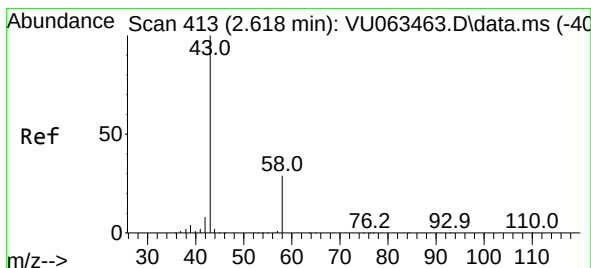
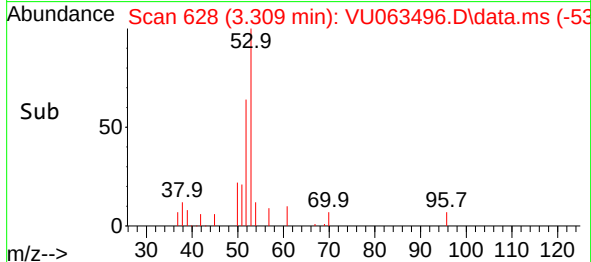
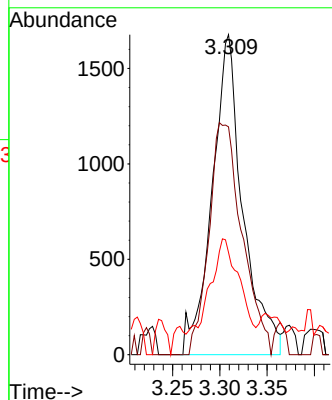
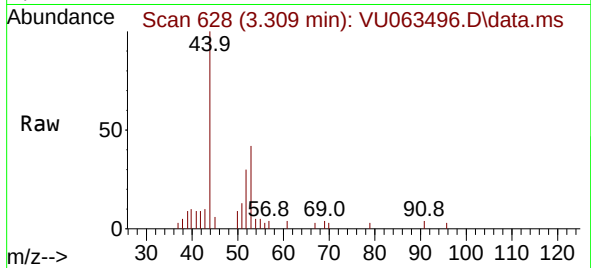




#15
Acrylonitrile
Concen: 4.067 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

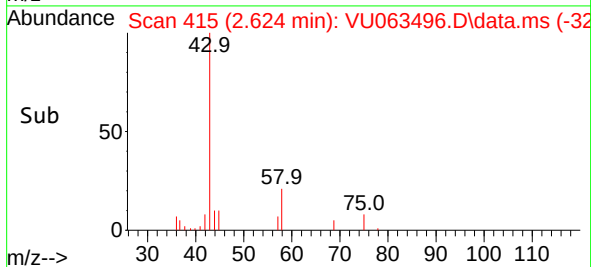
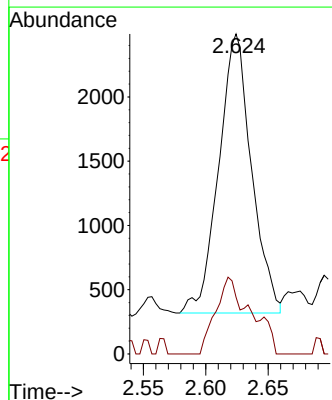
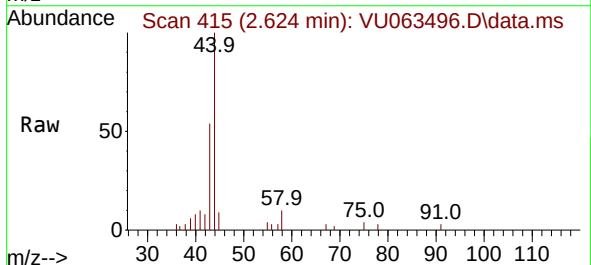
Instrument :
MSVOA_U
ClientSampleId :
MDL04

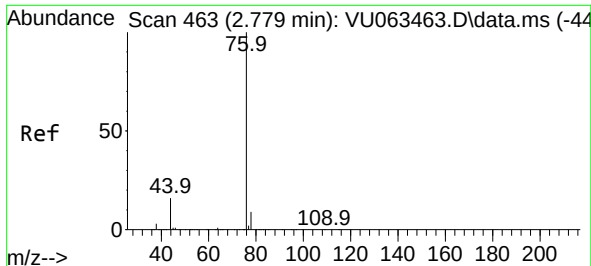
Tgt Ion: 53 Resp: 3790
Ion Ratio Lower Upper
53 100
52 78.2 65.0 97.4
51 30.6 28.8 43.2



#16
Acetone
Concen: 3.654 ug/l
RT: 2.624 min Scan# 415
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 43 Resp: 3977
Ion Ratio Lower Upper
43 100
58 20.3 23.1 34.7#

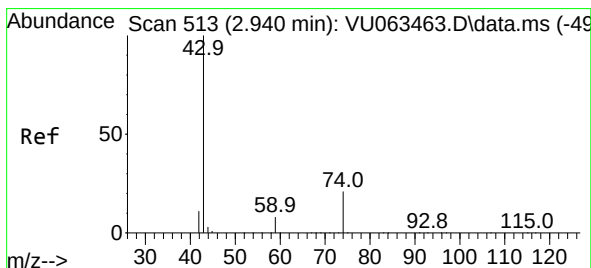
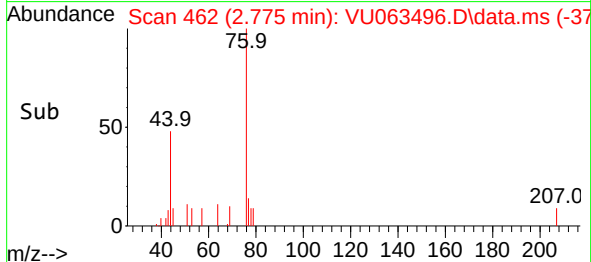
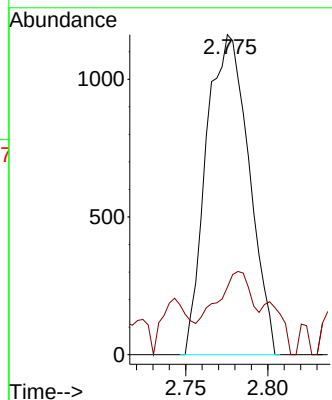
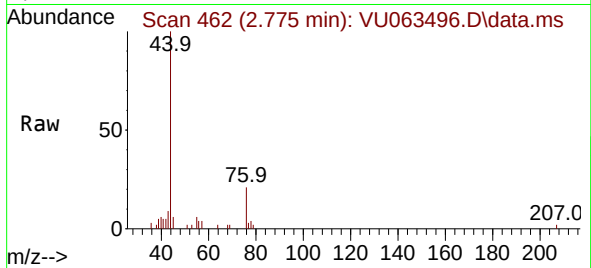




#17
Carbon Disulfide
Concen: 0.906 ug/l
RT: 2.775 min Scan# 462
Delta R.T. -0.004 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

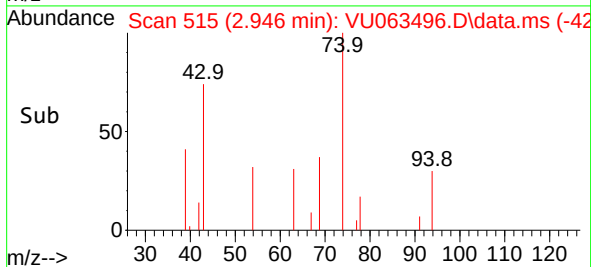
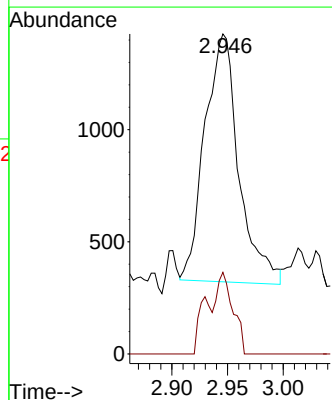
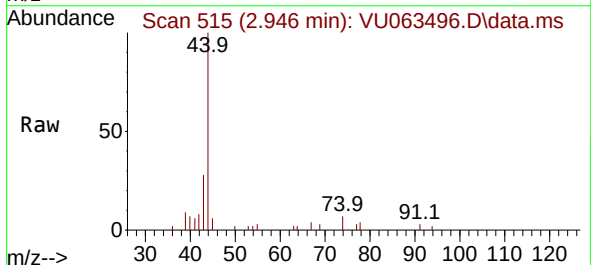
Instrument :
MSVOA_U
ClientSampleId :
MDL04

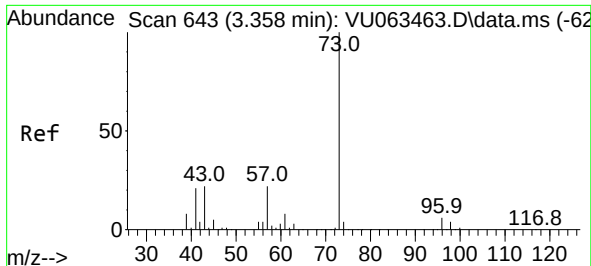
Tgt Ion: 76 Resp: 2101
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 0.838 ug/l
RT: 2.946 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
74 16.1 17.3 25.9#

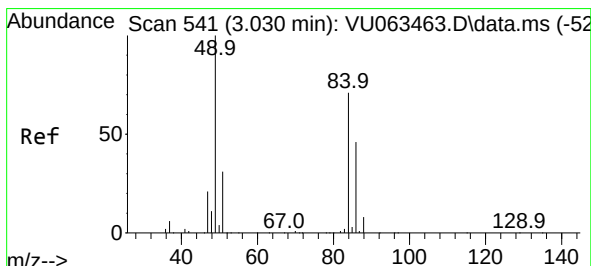
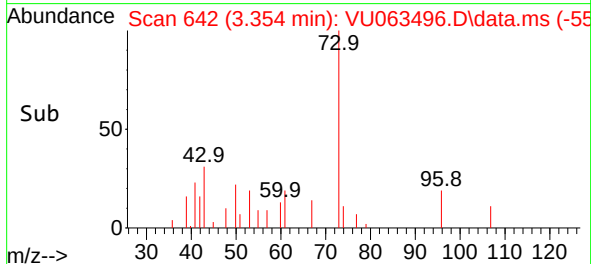
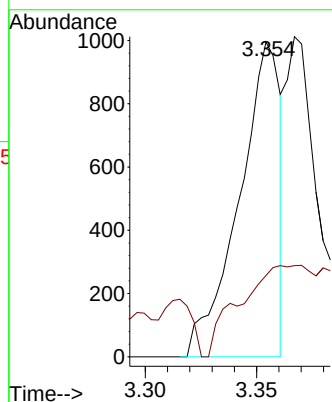
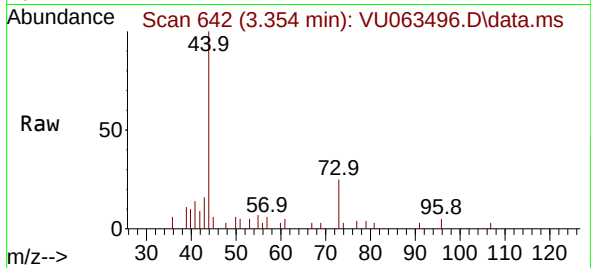




#19
Methyl tert-butyl Ether
Concen: 0.304 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.004 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

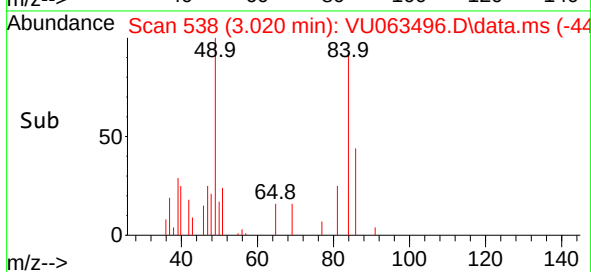
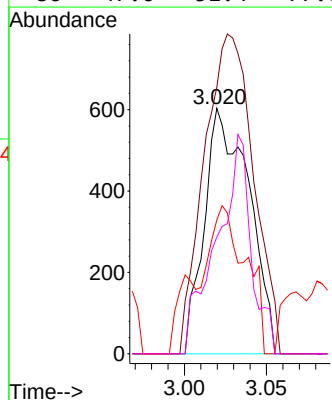
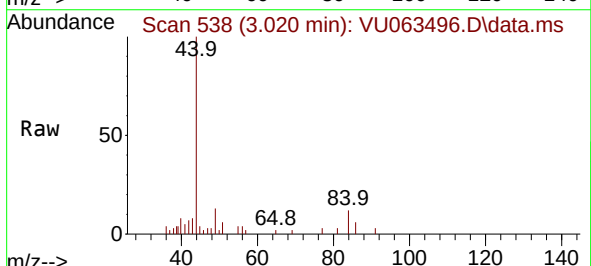
Instrument :
MSVOA_U
ClientSampleId :
MDL04

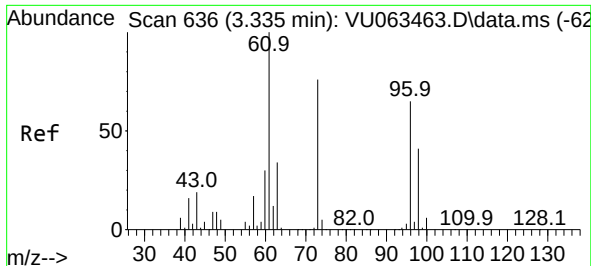
Tgt Ion: 73 Resp: 1272
Ion Ratio Lower Upper
73 100
57 7.5 17.8 26.6#



#20
Methylene Chloride
Concen: 0.717 ug/l
RT: 3.020 min Scan# 538
Delta R.T. -0.010 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 84 Resp: 1138
Ion Ratio Lower Upper
84 100
49 108.8 112.1 168.1#
51 34.8 34.4 51.6
86 47.6 51.4 77.0#

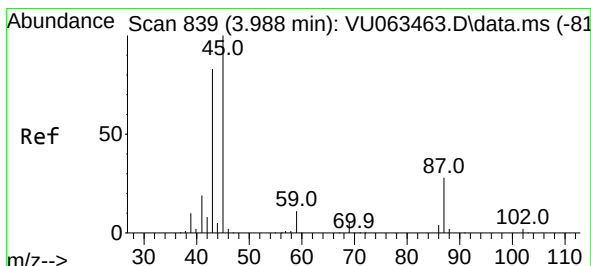
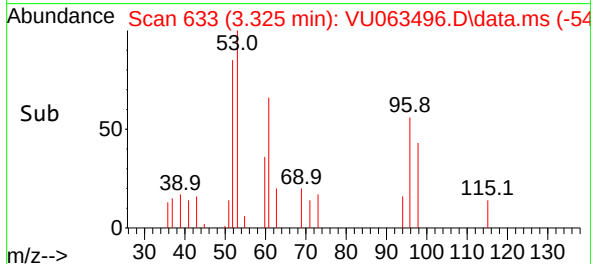
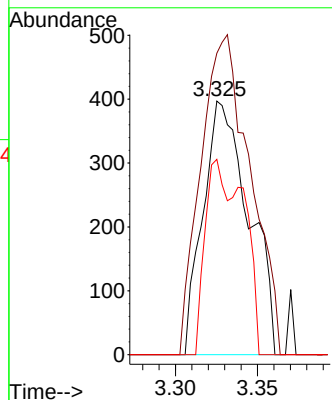
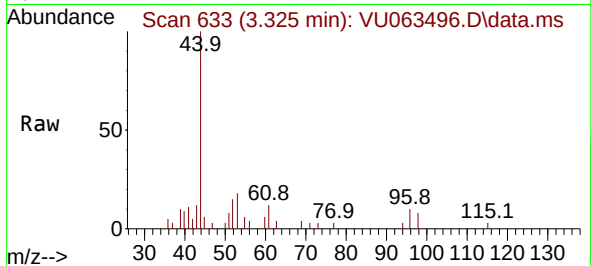




#21
trans-1,2-Dichloroethene
Concen: 0.740 ug/l
RT: 3.325 min Scan# 611
Delta R.T. -0.010 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

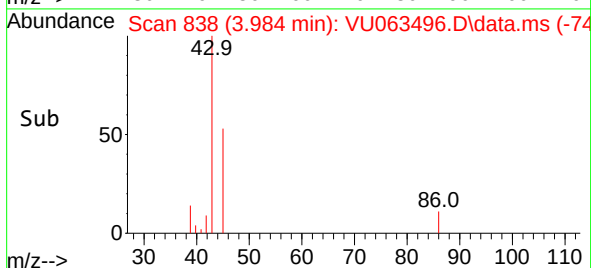
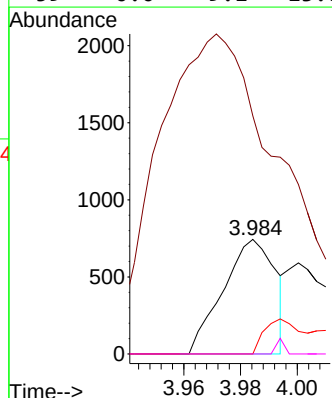
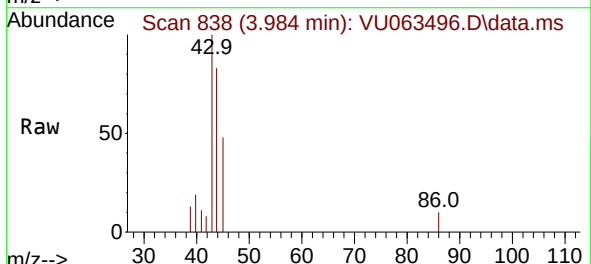
Instrument :
MSVOA_U
ClientSampleId :
MDL04

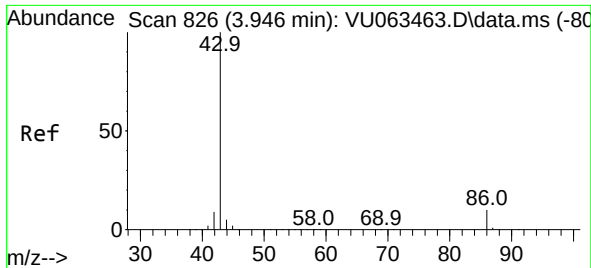
Tgt Ion: 96 Resp: 771
Ion Ratio Lower Upper
96 100
61 118.9 122.2 183.4#
98 77.1 49.9 74.9#



#22
Diisopropyl ether
Concen: 0.242 ug/l
RT: 3.984 min Scan# 838
Delta R.T. -0.004 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 45 Resp: 952
Ion Ratio Lower Upper
45 100
43 36.1 66.5 99.7#
87 0.0 22.6 33.8#
59 0.0 9.1 13.7#

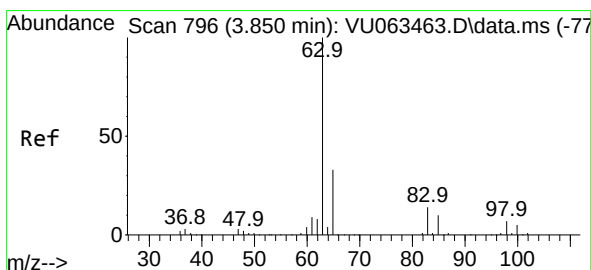
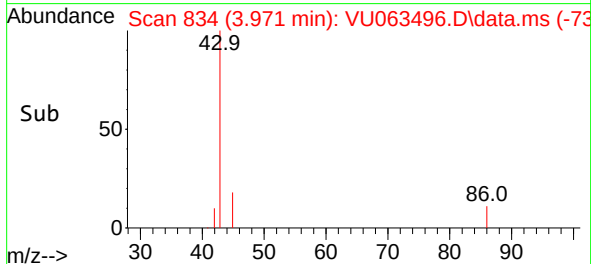
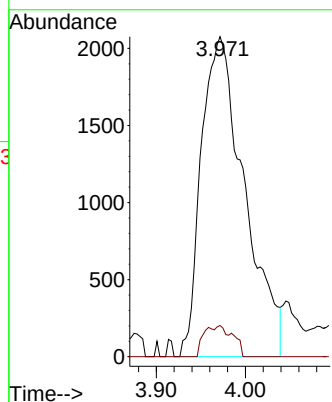
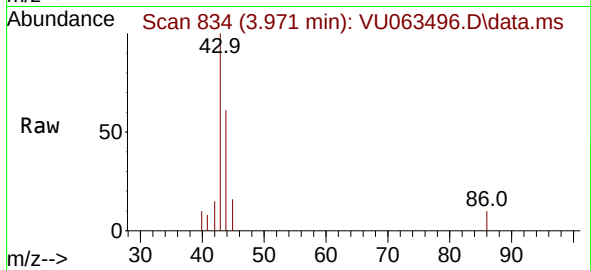




#23
 Vinyl Acetate
 Concen: 2.288 ug/l
 RT: 3.971 min Scan# 81
 Delta R.T. 0.025 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

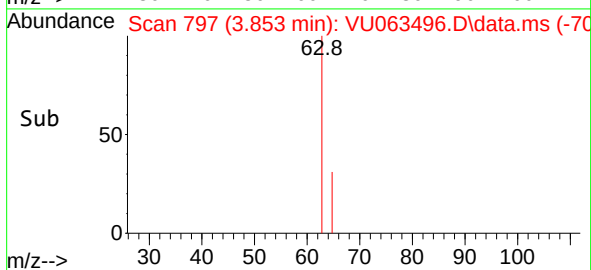
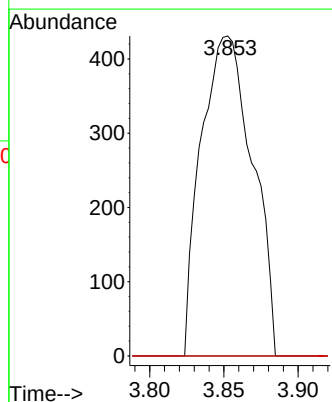
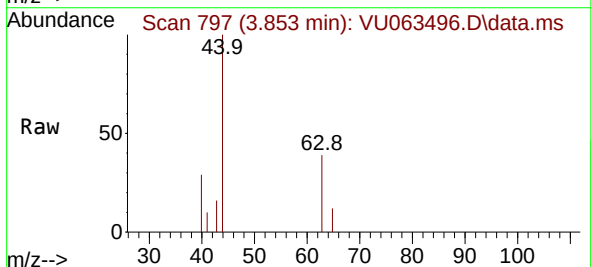
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

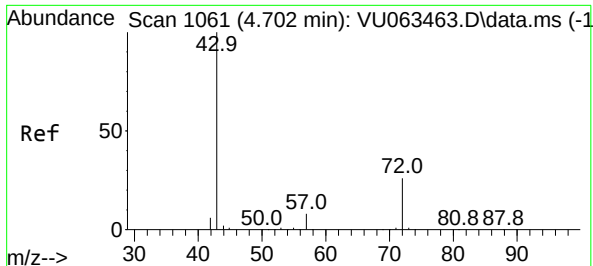
Tgt Ion: 43 Resp: 6981
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.465 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

Tgt Ion: 63 Resp: 1038
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.079 ug/l

RT: 4.692 min Scan# 1058

Delta R.T. -0.010 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

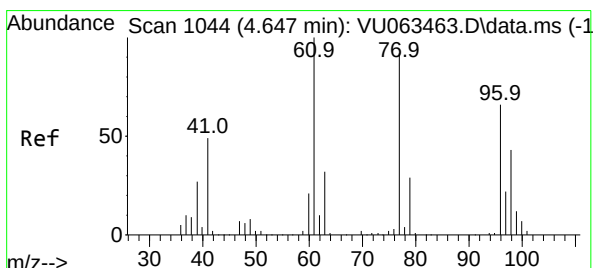
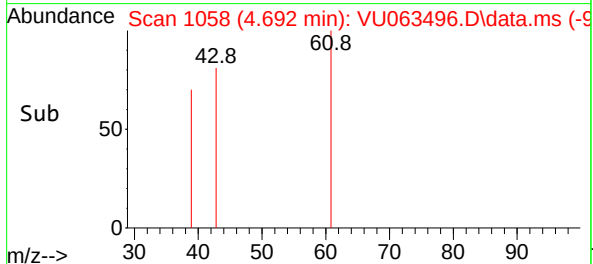
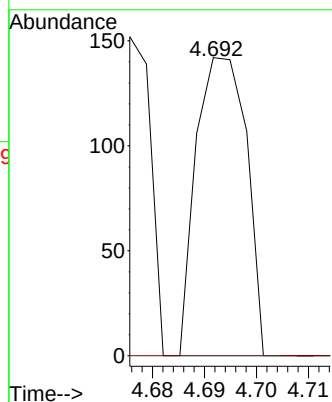
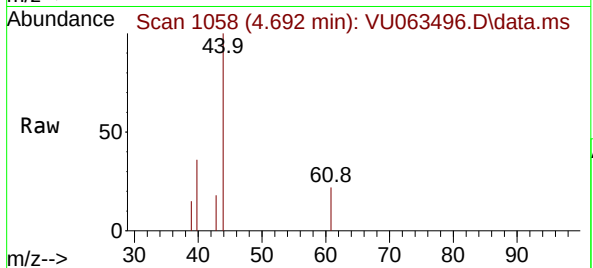
MDL04

Tgt Ion: 43 Resp: 96

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 0.182 ug/l

RT: 4.637 min Scan# 1041

Delta R.T. -0.010 min

Lab File: VU063496.D

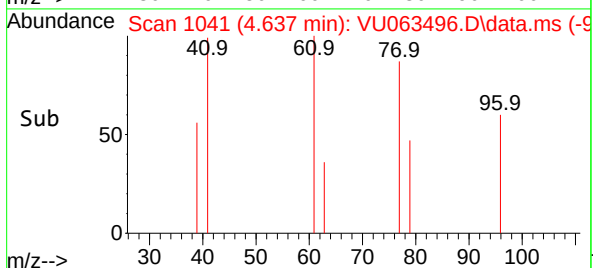
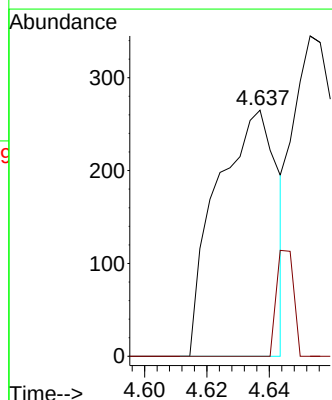
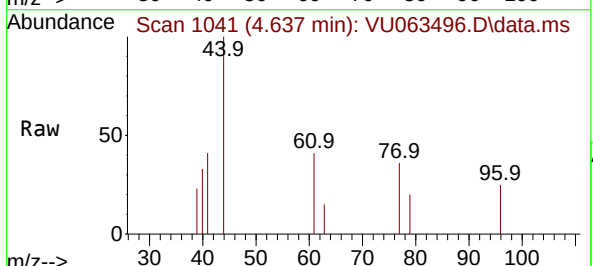
Acq: 11 Jul 2025 16:40

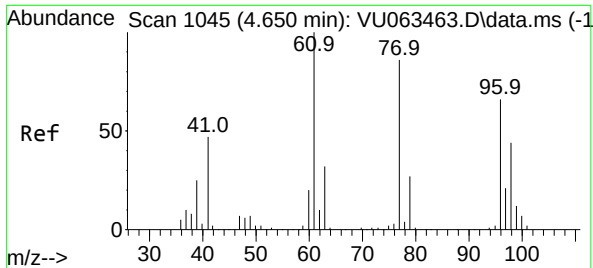
Tgt Ion: 77 Resp: 354

Ion Ratio Lower Upper

77 100

97 12.4 11.8 35.3

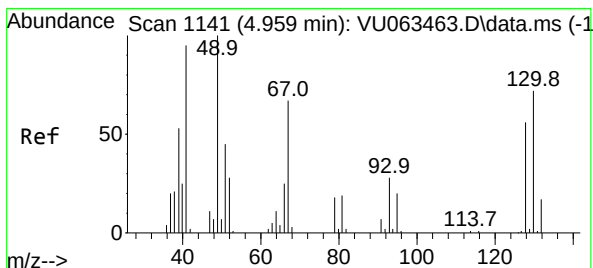
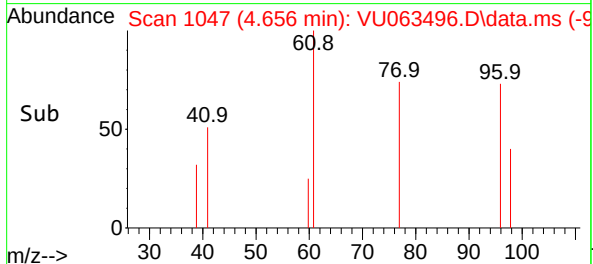
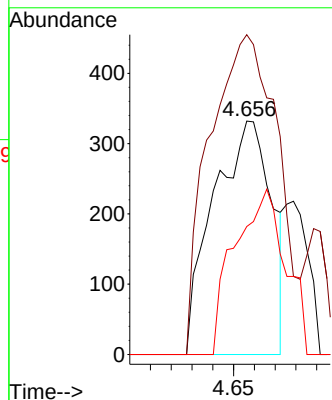
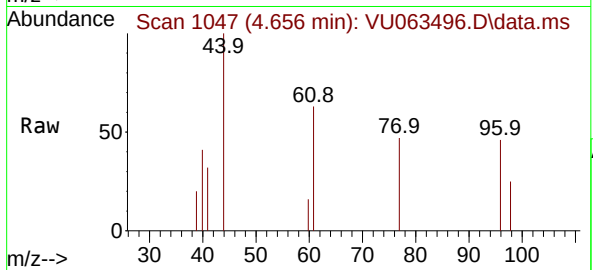




#27
 cis-1,2-Dichloroethene
 Concen: 0.469 ug/l
 RT: 4.656 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

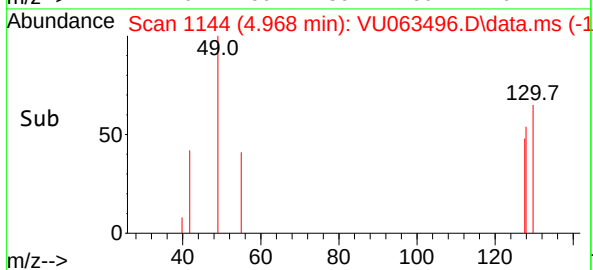
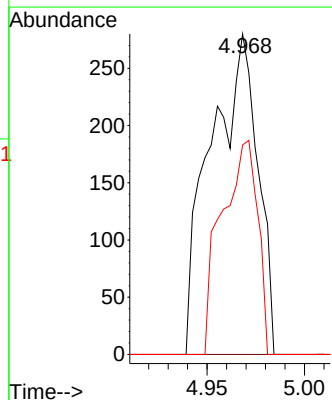
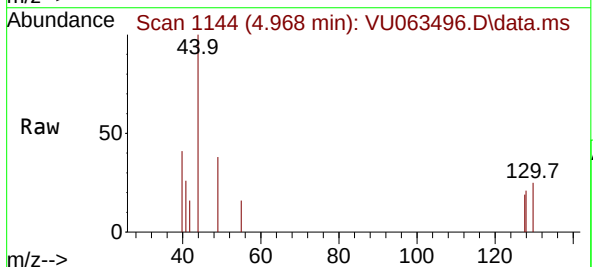
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

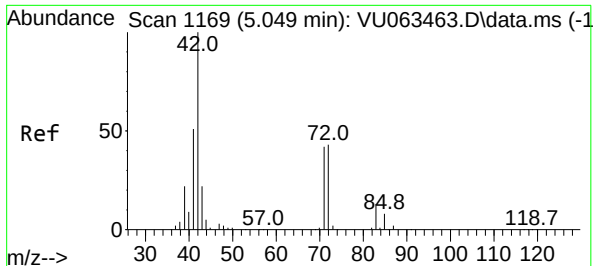
Tgt Ion: 96 Resp: 646
 Ion Ratio Lower Upper
 96 100
 61 161.3 0.0 307.2
 98 61.8 0.0 133.0



#28
 Bromochloromethane
 Concen: 0.449 ug/l
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.009 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

Tgt Ion: 49 Resp: 471
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 50.7 59.0 88.4#





#29

Tetrahydrofuran

Concen: 3.067 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.019 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

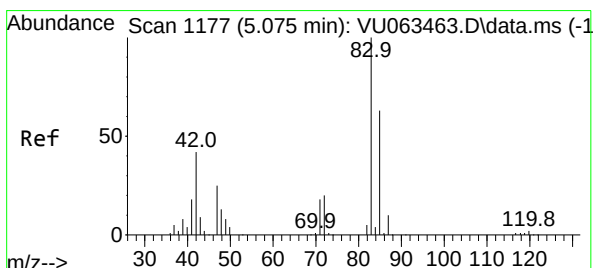
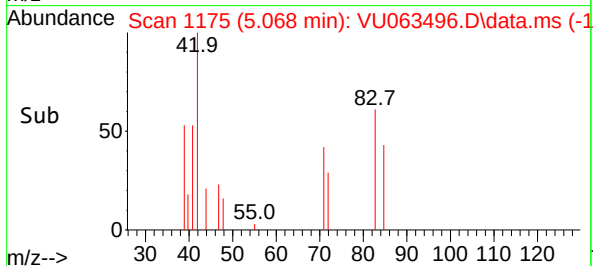
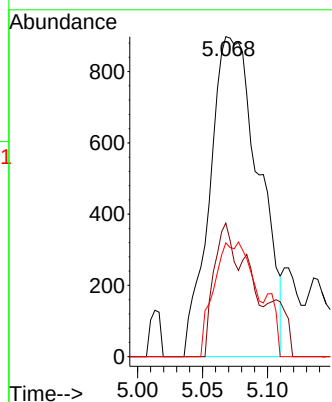
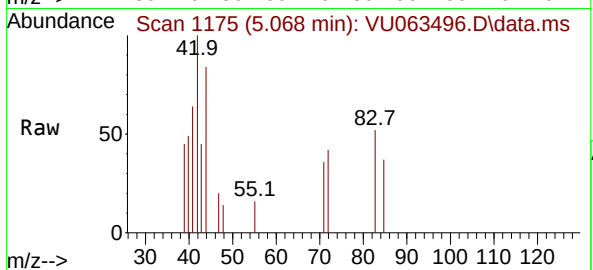
Tgt Ion: 42 Resp: 2364

Ion Ratio Lower Upper

42 100

72 18.3 36.2 54.4#

71 29.0 33.3 49.9#



#30

Chloroform

Concen: 0.467 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063496.D

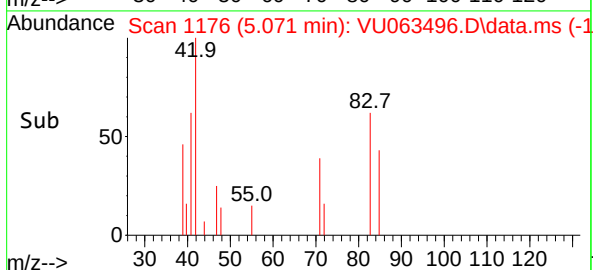
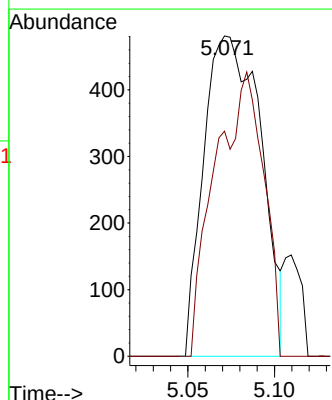
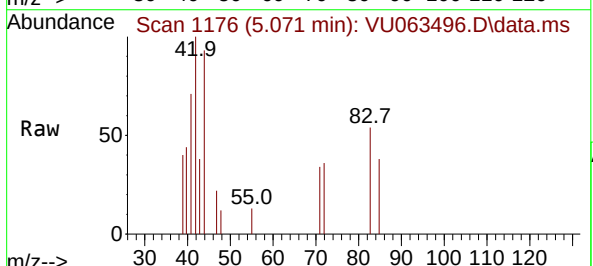
Acq: 11 Jul 2025 16:40

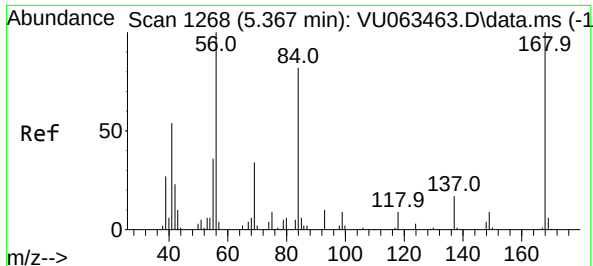
Tgt Ion: 83 Resp: 1100

Ion Ratio Lower Upper

83 100

85 70.3 50.7 76.1

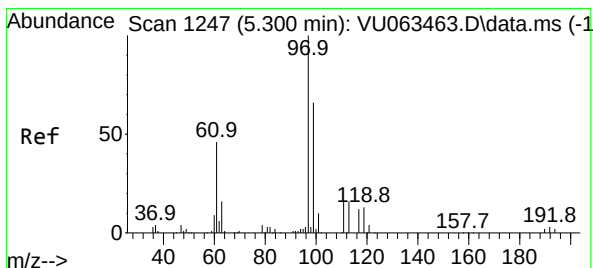
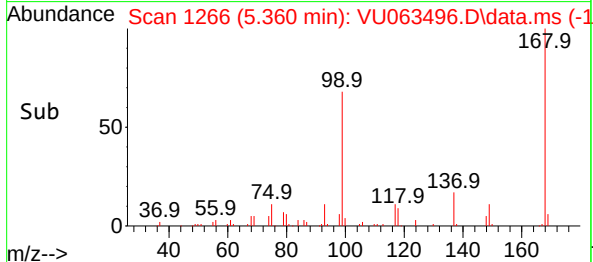
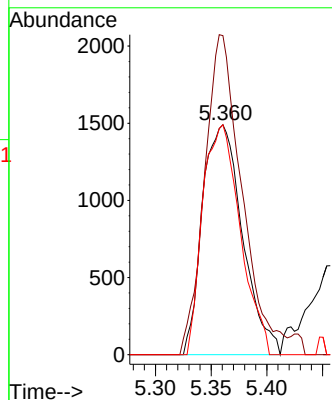
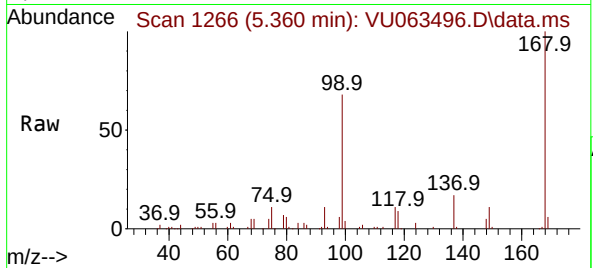




#31
Cyclohexane
Concen: 2.075 ug/l
RT: 5.360 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

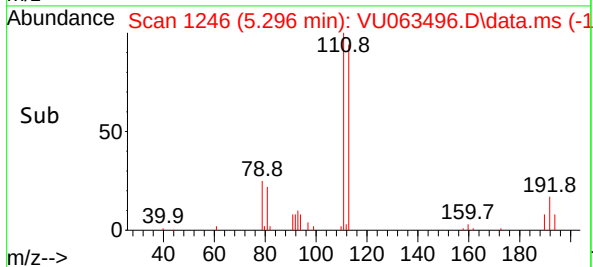
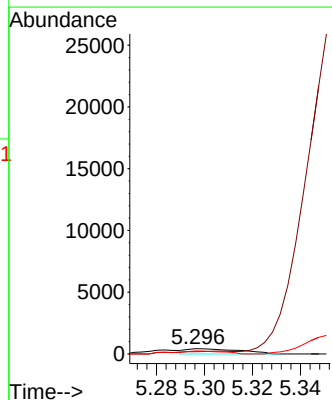
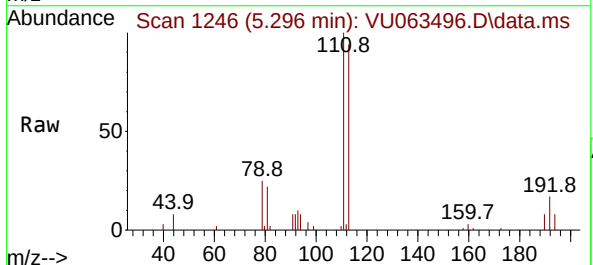
Instrument :
MSVOA_U
ClientSampleId :
MDL04

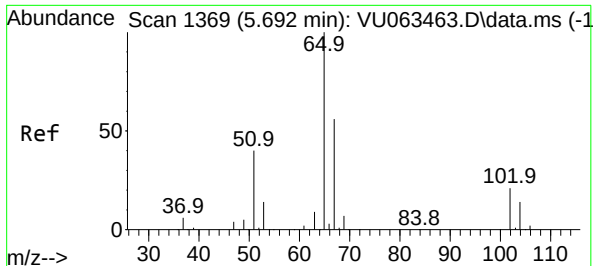
Tgt Ion: 56 Resp: 3723
Ion Ratio Lower Upper
56 100
69 138.8 27.0 40.4#
84 100.0 65.7 98.5#



#32
1,1,1-Trichloroethane
Concen: 0.326 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.004 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 97 Resp: 654
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 53.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.537 ug/l

RT: 5.688 min Scan# 1368

Delta R.T. -0.004 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

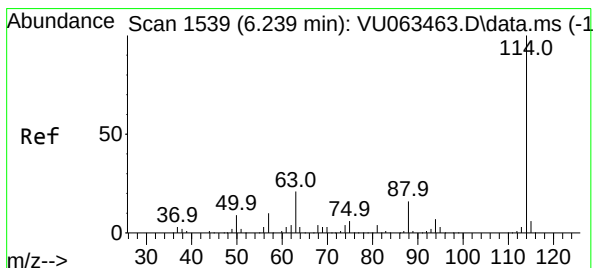
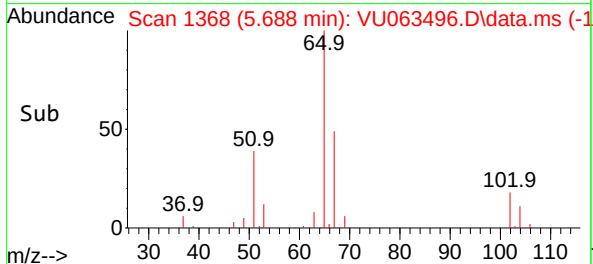
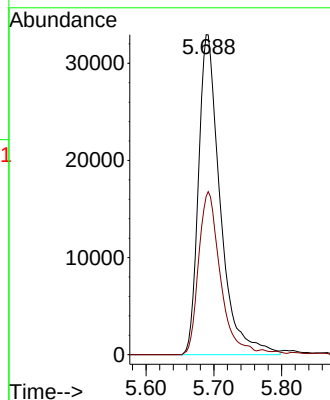
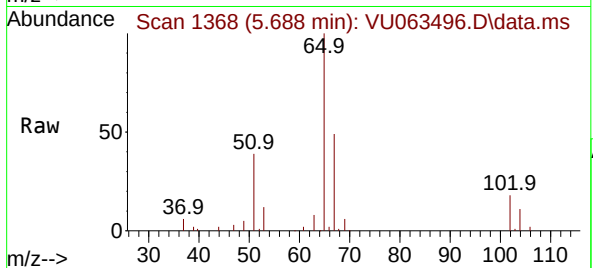
MDL04

Tgt Ion: 65 Resp: 73361

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

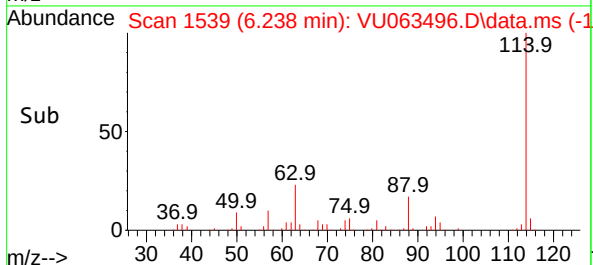
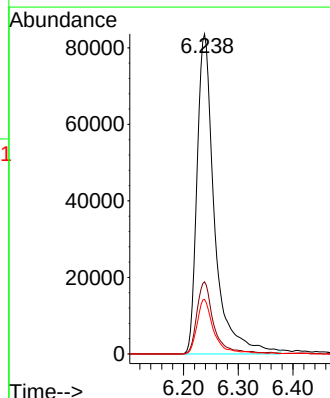
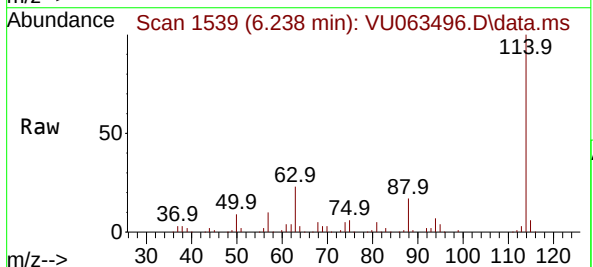
Tgt Ion: 114 Resp: 185708

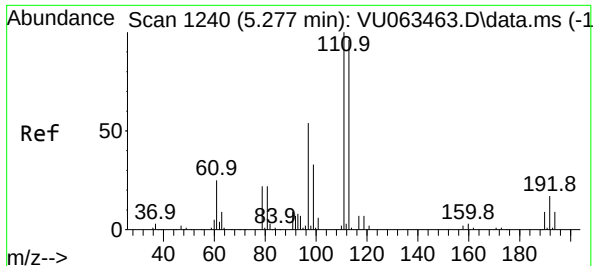
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.6

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.760 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

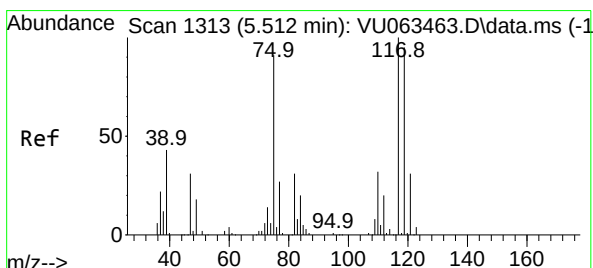
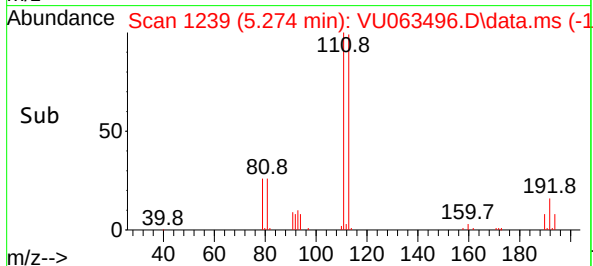
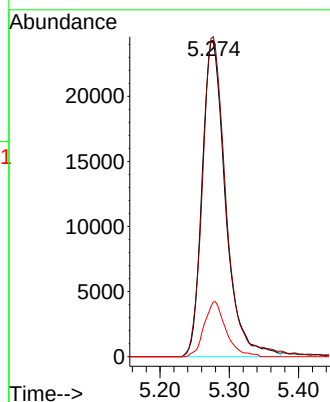
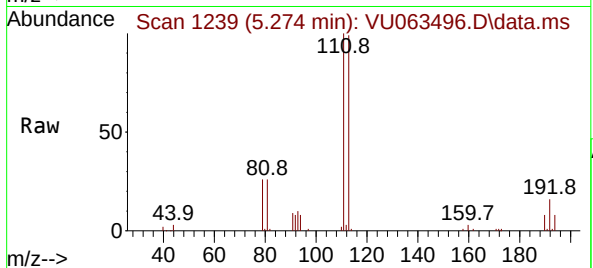
Tgt Ion:113 Resp: 56822

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 16.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 0.618 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

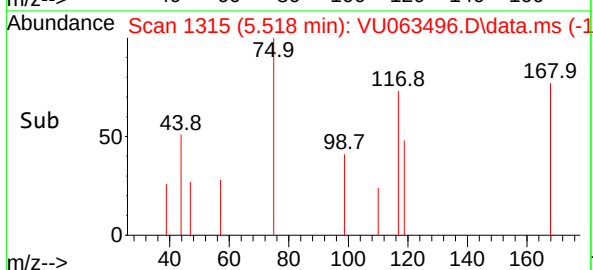
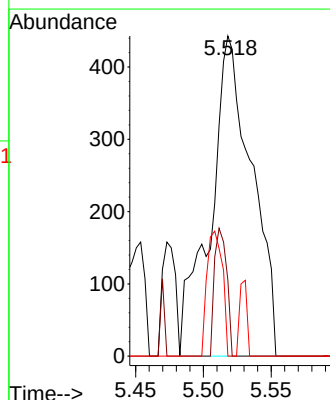
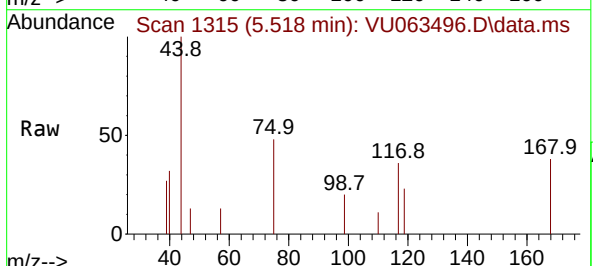
Tgt Ion: 75 Resp: 940

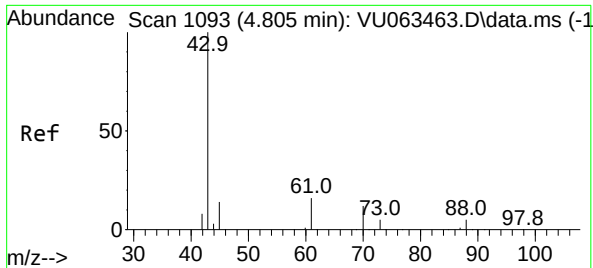
Ion Ratio Lower Upper

75 100

110 11.8 17.3 52.0#

77 14.6 23.9 35.9#





#37

Ethyl Acetate

Concen: 0.030 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.042 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

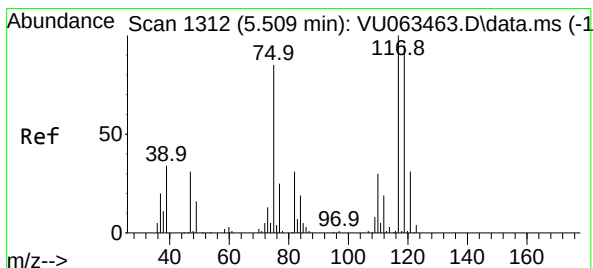
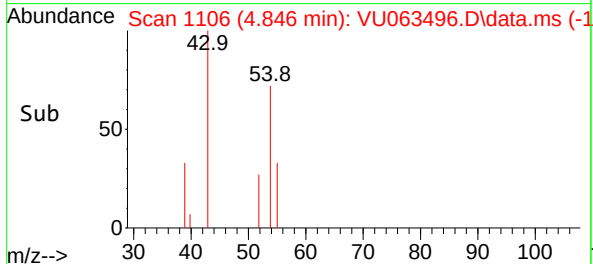
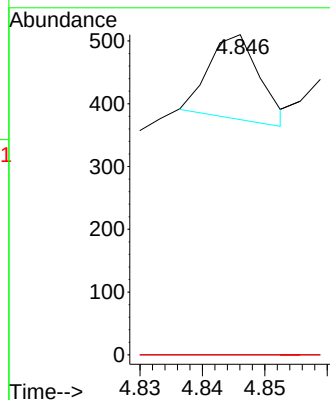
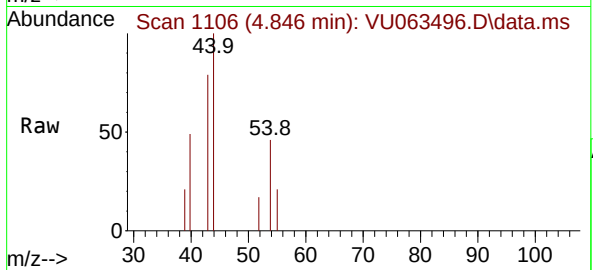
Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 0.517 ug/l

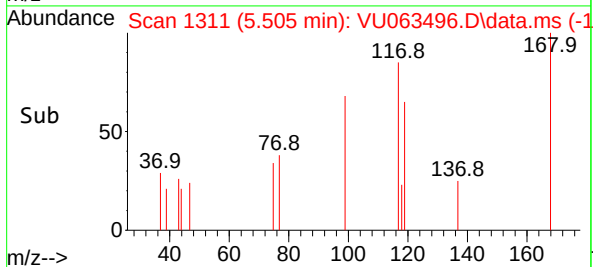
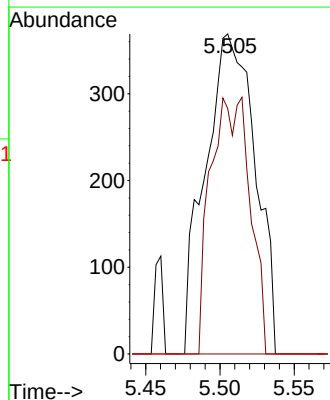
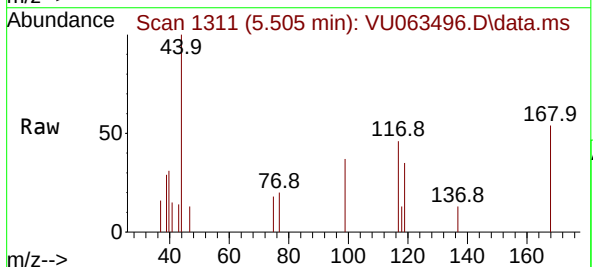
RT: 5.505 min Scan# 1311

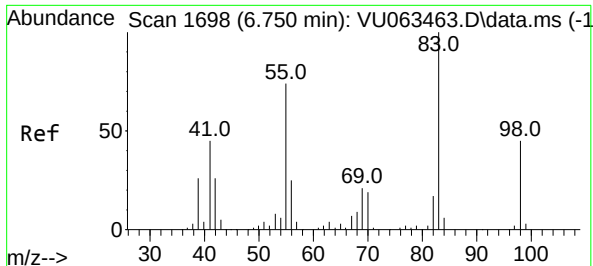
Delta R.T. -0.003 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Tgt Ion:	117	Resp:	866
Ion	Ratio	Lower	Upper
117	100		
119	76.7	76.1	114.1
121	0.0	25.0	37.4#





#39

Methylcyclohexane

Concen: 0.482 ug/l

RT: 6.743 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

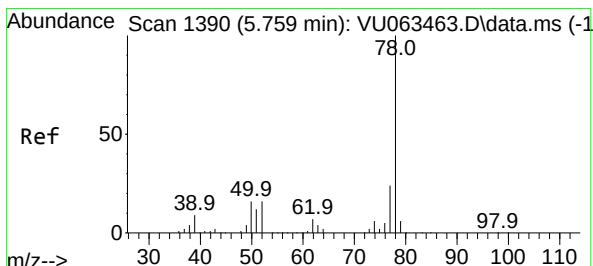
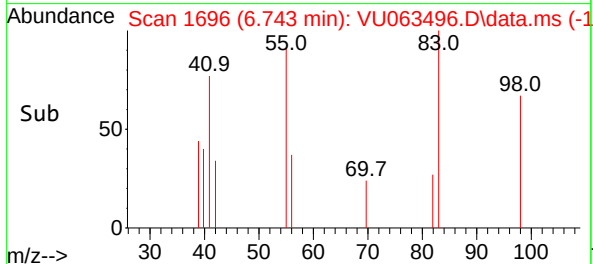
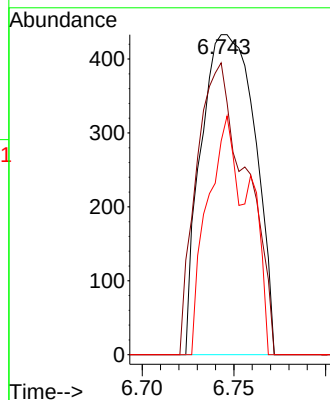
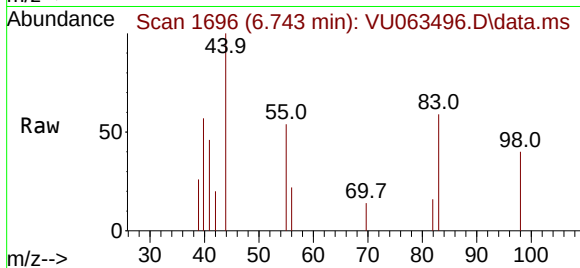
Tgt Ion: 83 Resp: 886

Ion Ratio Lower Upper

83 100

55 91.2 59.4 89.2#

98 66.7 36.2 54.4#



#40

Benzene

Concen: 0.503 ug/l

RT: 5.769 min Scan# 1393

Delta R.T. 0.009 min

Lab File: VU063496.D

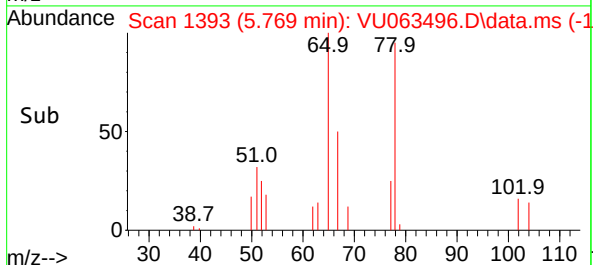
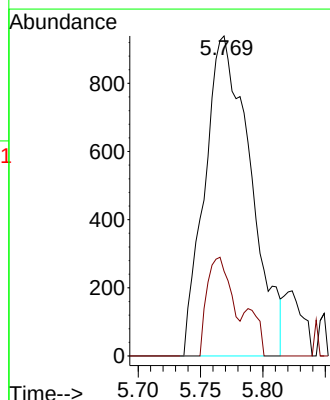
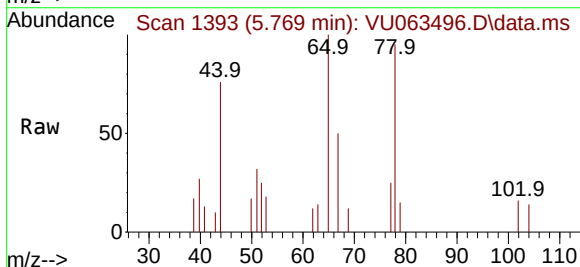
Acq: 11 Jul 2025 16:40

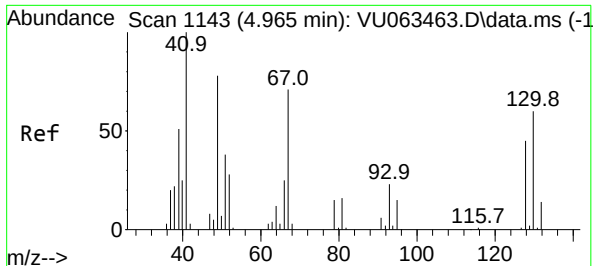
Tgt Ion: 78 Resp: 2390

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.4

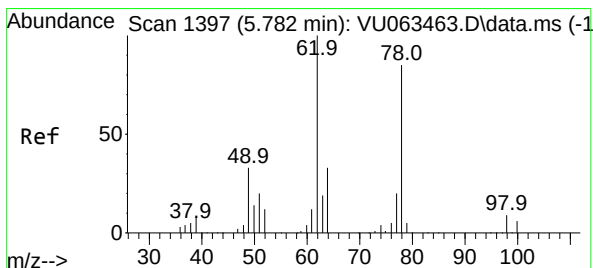
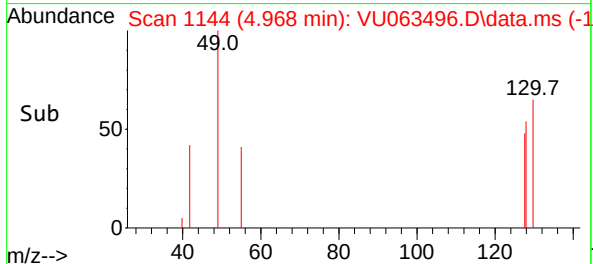
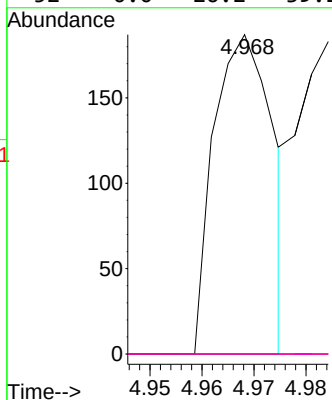
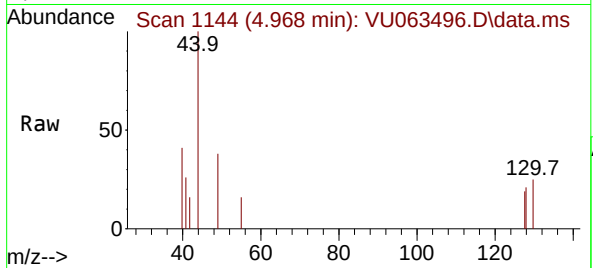




#41
Methacrylonitrile
Concen: 0.127 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

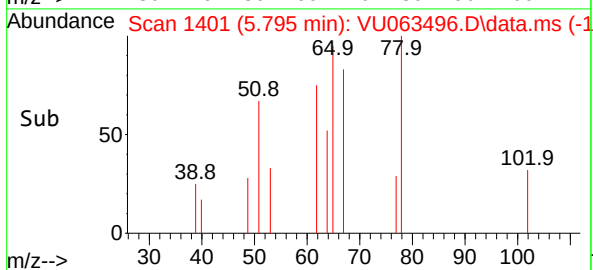
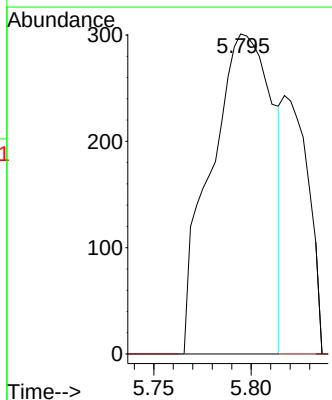
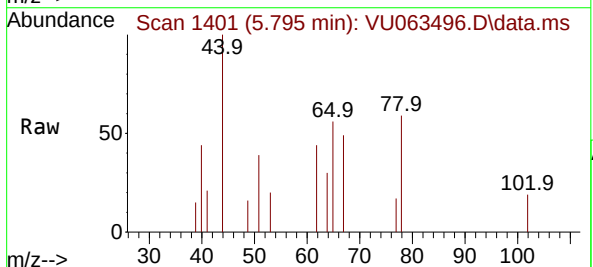
Instrument :
MSVOA_U
ClientSampleId :
MDL04

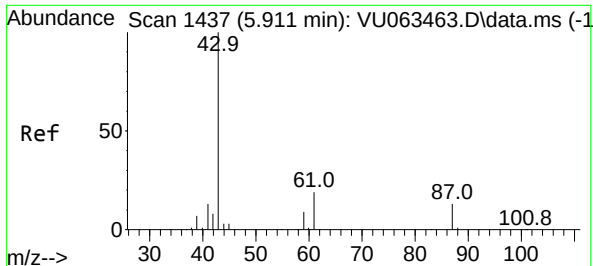
Tgt Ion: 41 Resp: 148
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4#
67 0.0 62.8 94.2#
52 0.0 26.2 39.2#



#42
1,2-Dichloroethane
Concen: 0.371 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 62 Resp: 662
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6





#43

Isopropyl Acetate

Concen: 0.347 ug/l

RT: 5.939 min Scan# 1437

Delta R.T. 0.029 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

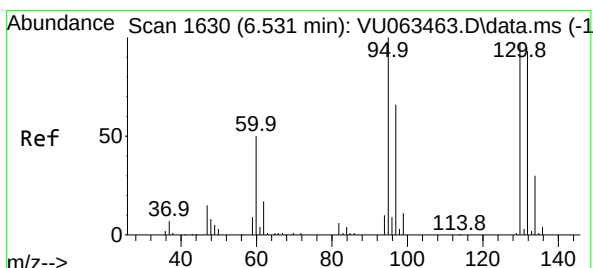
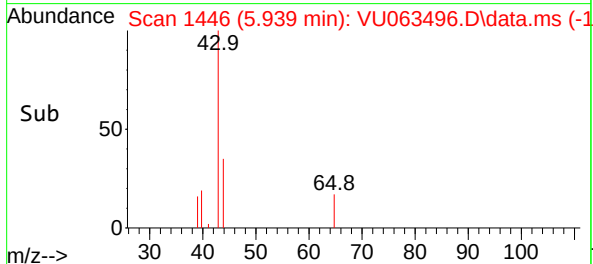
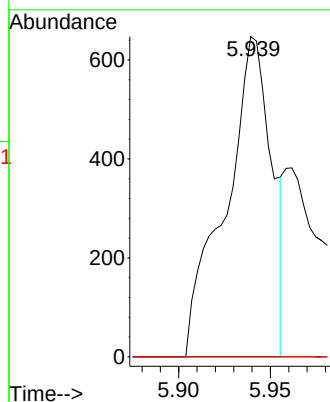
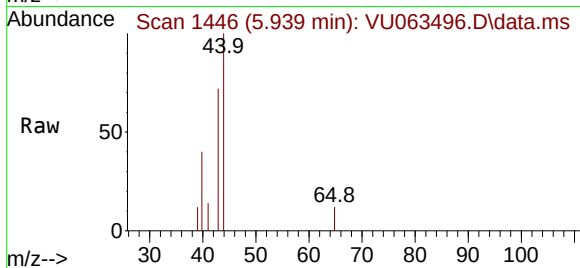
Tgt Ion: 43 Resp: 1136

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

87 0.0 10.5 15.7#



#44

Trichloroethene

Concen: 0.517 ug/l

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU063496.D

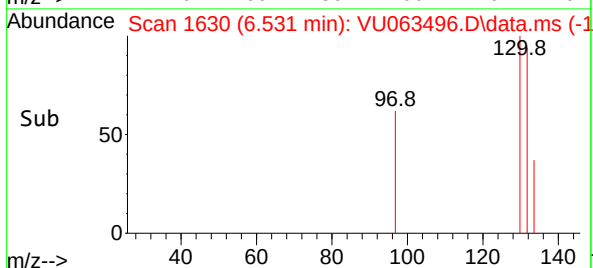
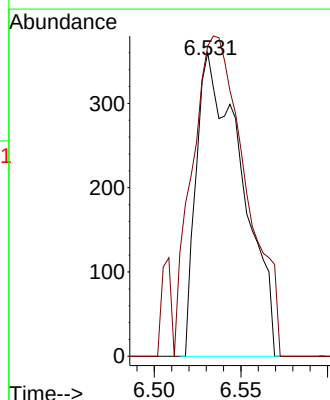
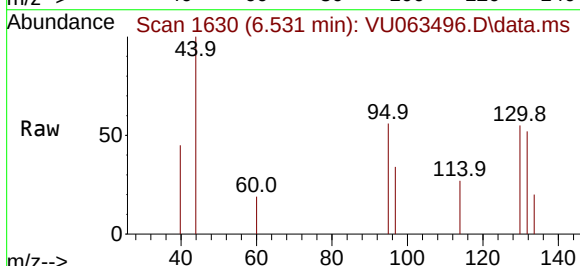
Acq: 11 Jul 2025 16:40

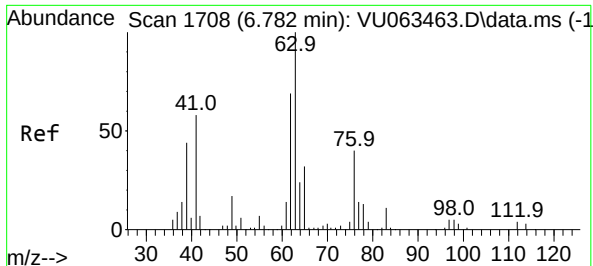
Tgt Ion:130 Resp: 657

Ion Ratio Lower Upper

130 100

95 102.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 0.310 ug/l

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

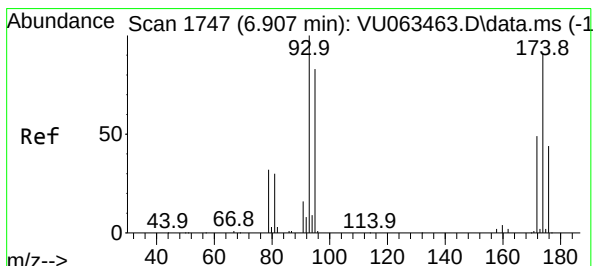
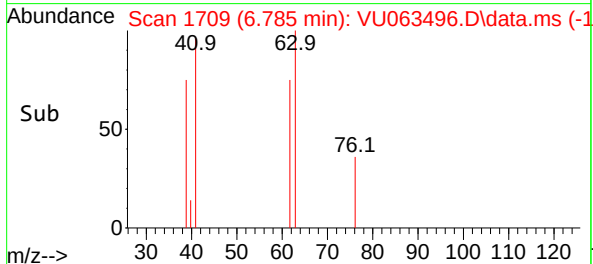
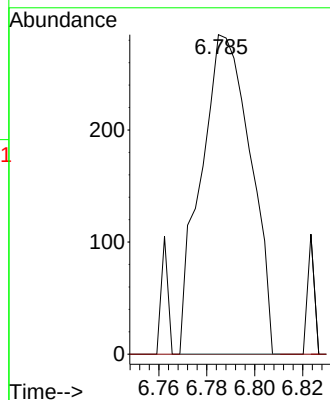
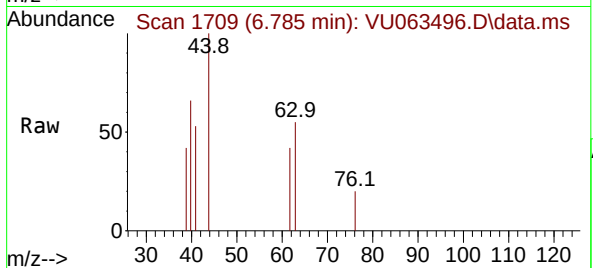
MDL04

Tgt Ion: 63 Resp: 409

Ion Ratio Lower Upper

63 100

65 0.0 25.3 37.9#



#46

Dibromomethane

Concen: 0.201 ug/l

RT: 6.901 min Scan# 1745

Delta R.T. -0.007 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

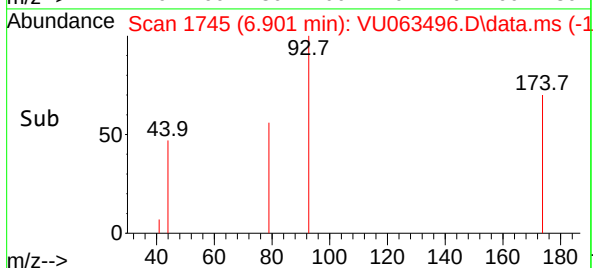
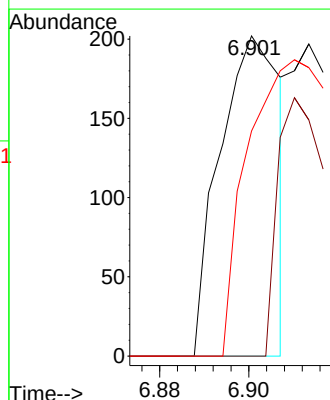
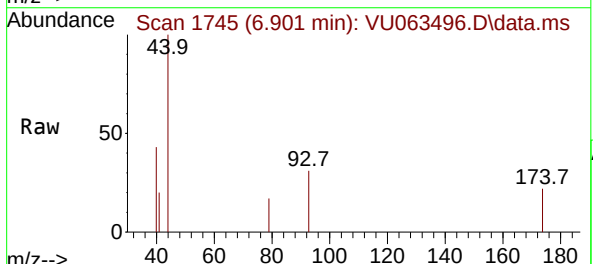
Tgt Ion: 93 Resp: 189

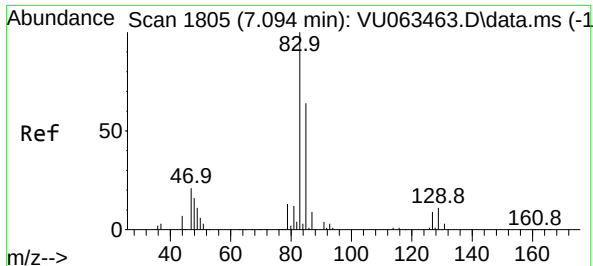
Ion Ratio Lower Upper

93 100

95 58.2 67.5 101.3#

174 128.0 73.1 109.7#

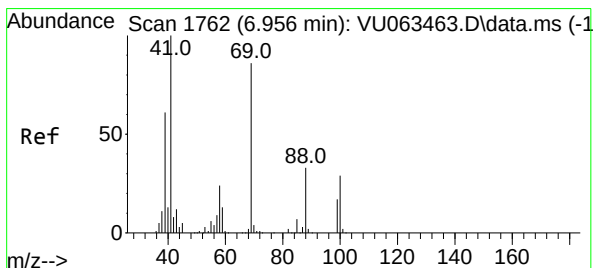
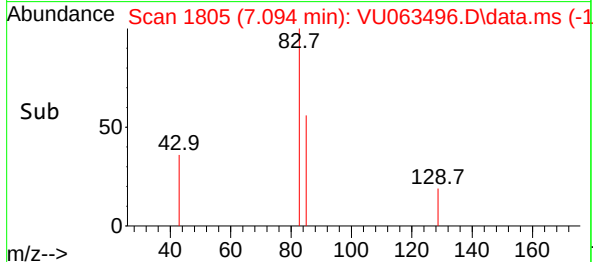
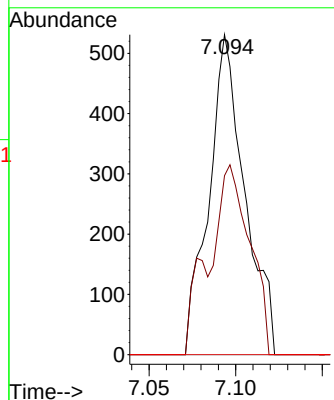
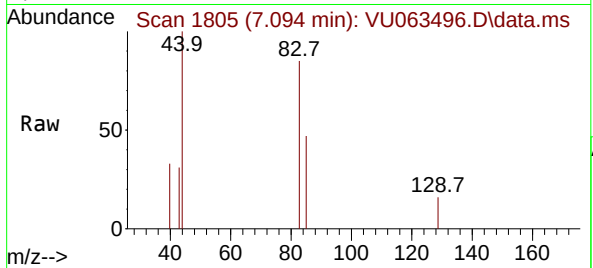




#47
Bromodichloromethane
Concen: 0.392 ug/l
RT: 7.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

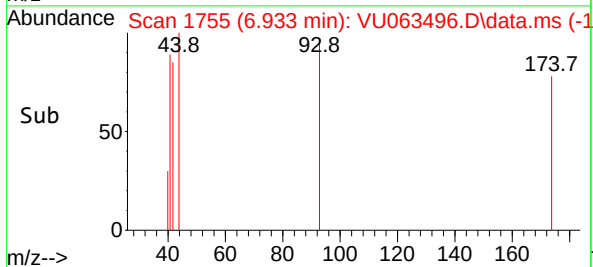
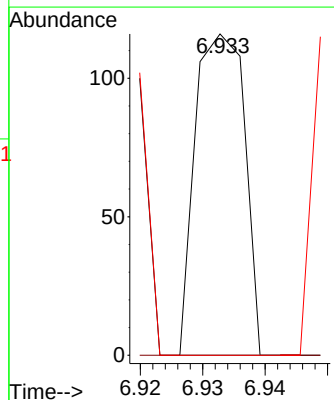
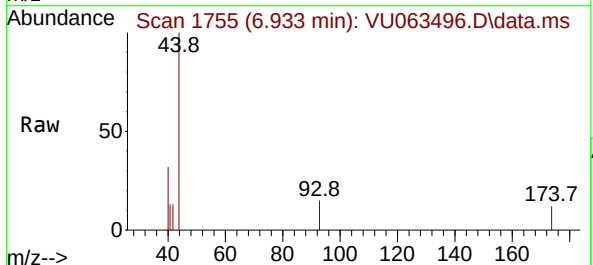
Instrument :
MSVOA_U
ClientSampleId :
MDL04

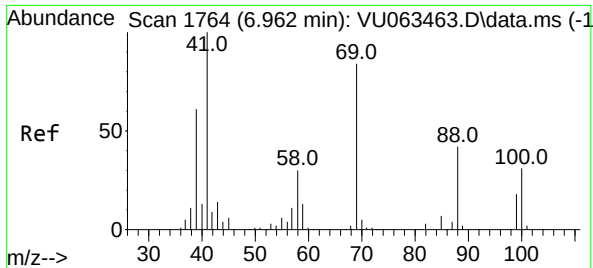
Tgt Ion: 83 Resp: 766
Ion Ratio Lower Upper
83 100
85 55.9 51.4 77.0
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 0.042 ug/l
RT: 6.933 min Scan# 1755
Delta R.T. -0.023 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.8#
39 68.8 48.3 72.5

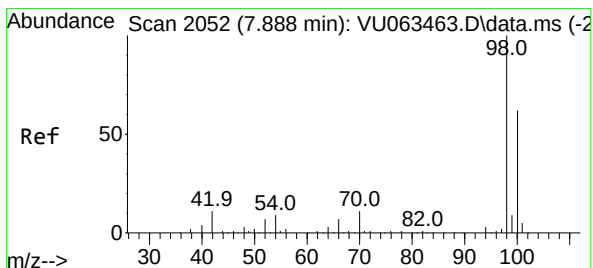
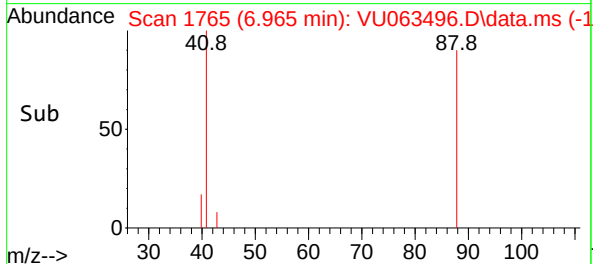
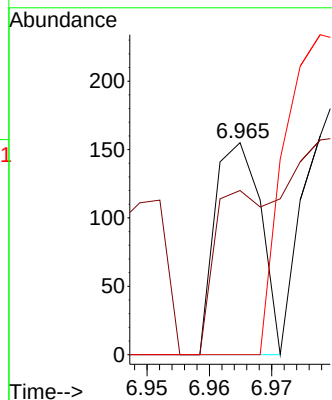
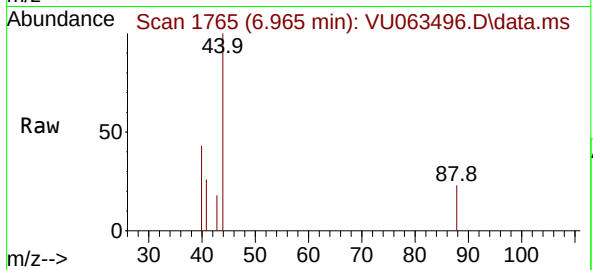




#49
1,4-Dioxane
Concen: 2.381 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

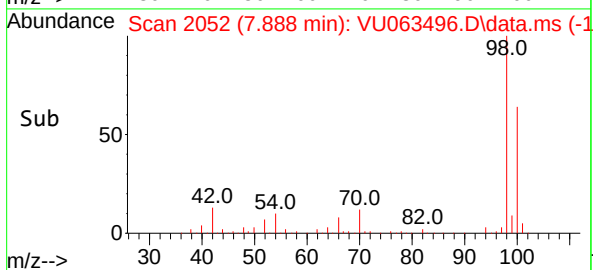
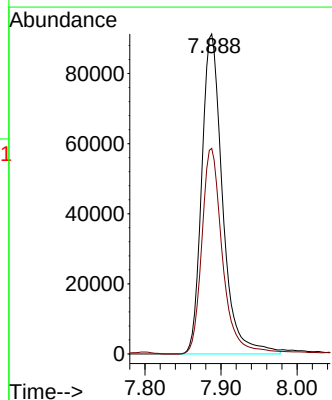
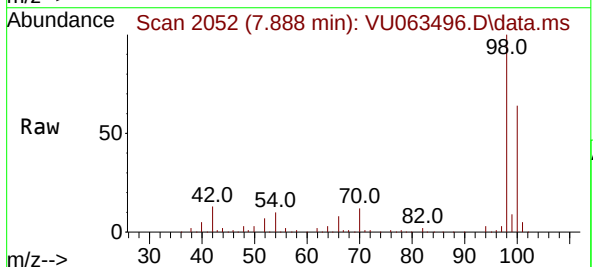
Instrument :
MSVOA_U
ClientSampleId :
MDL04

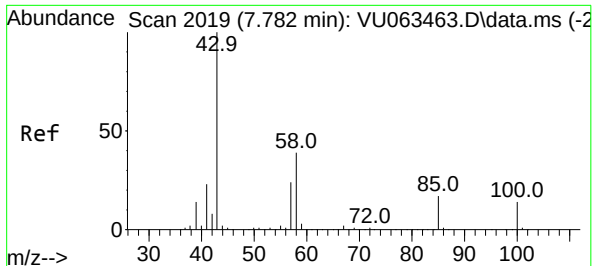
Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 79.7 25.6 38.4#
58 0.0 55.0 82.6#



#50
Toluene-d8
Concen: 47.721 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 98 Resp: 174130
Ion Ratio Lower Upper
98 100
100 64.7 48.1 72.1

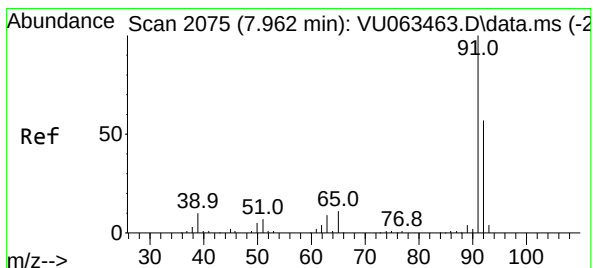
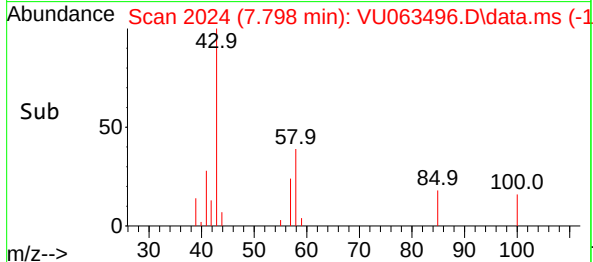
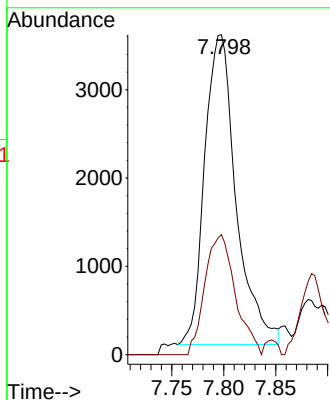
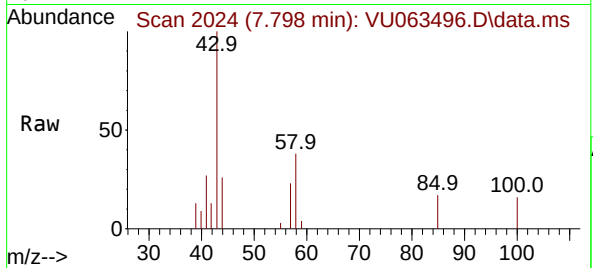




#51
4-Methyl-2-Pentanone
Concen: 3.121 ug/l
RT: 7.798 min Scan# 2019
Delta R.T. 0.016 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

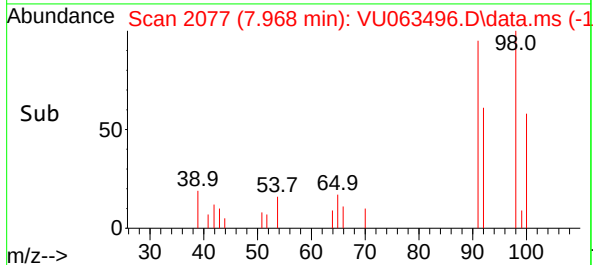
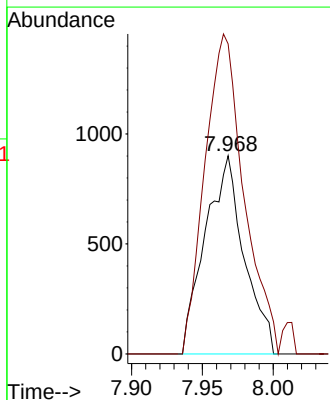
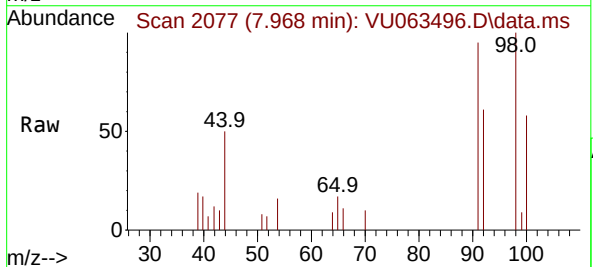
Instrument :
MSVOA_U
ClientSampleId :
MDL04

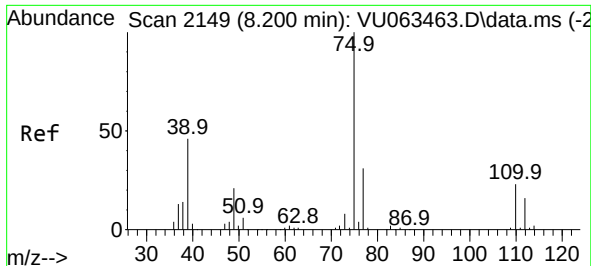
Tgt Ion: 43 Resp: 7391
Ion Ratio Lower Upper
43 100
58 37.4 31.0 46.4



#52
Toluene
Concen: 0.552 ug/l
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 92 Resp: 1716
Ion Ratio Lower Upper
92 100
91 163.1 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 0.432 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.009 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

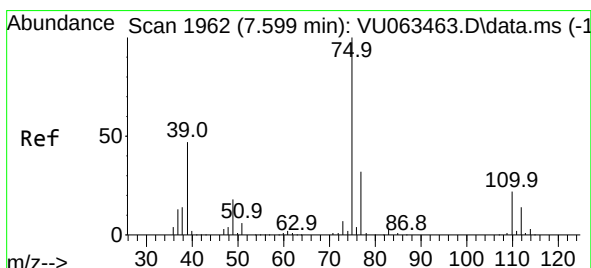
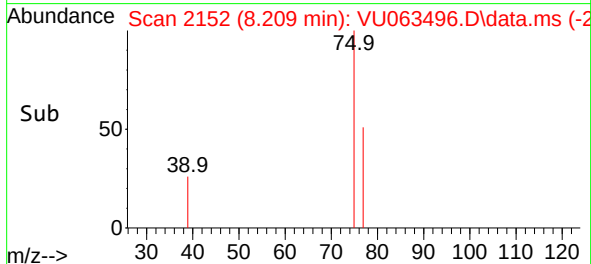
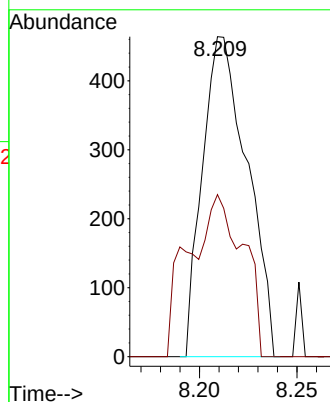
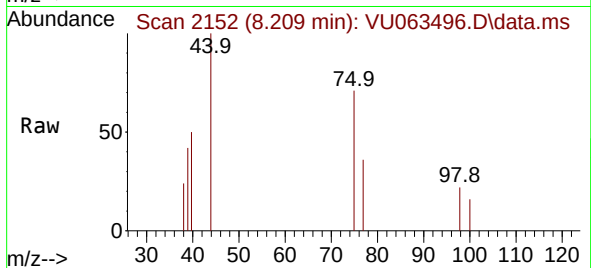
MDL04

Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

75 100

77 50.6 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.393 ug/l

RT: 7.608 min Scan# 1965

Delta R.T. 0.009 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

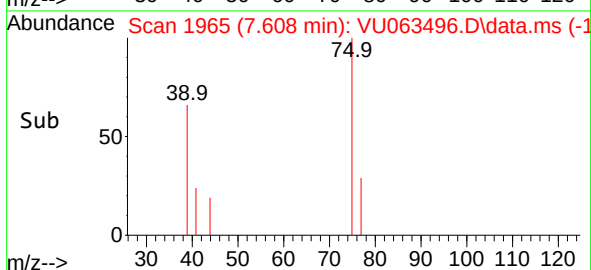
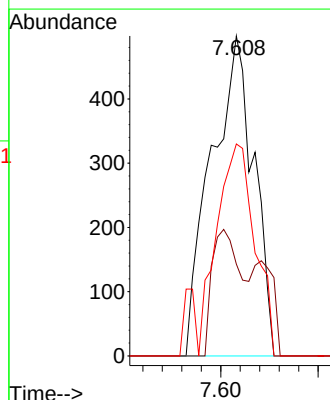
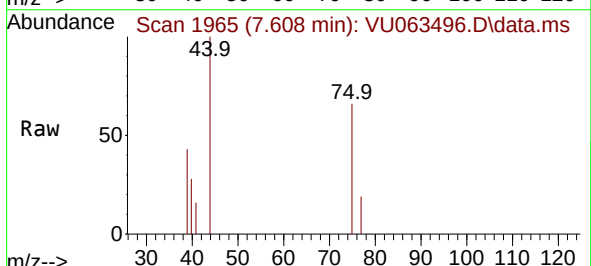
Tgt Ion: 75 Resp: 753

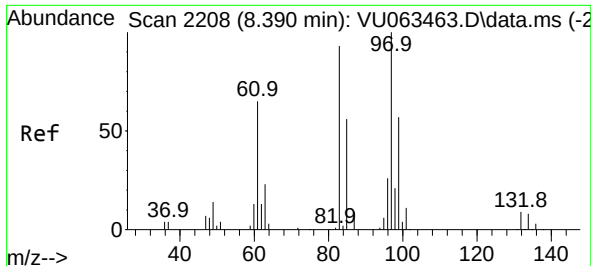
Ion Ratio Lower Upper

75 100

77 28.7 25.4 38.0

39 66.3 37.2 55.8#

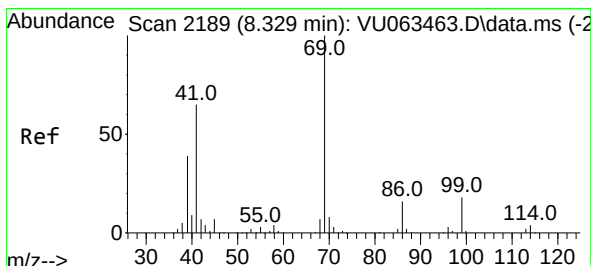
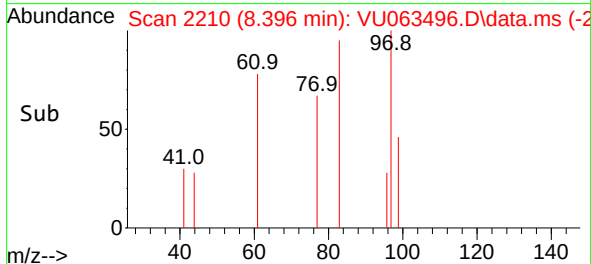
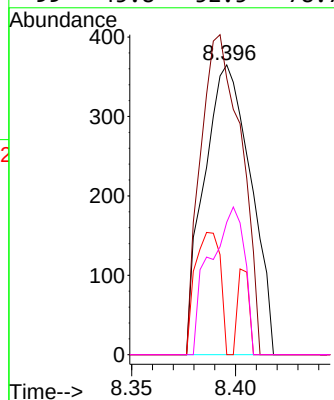
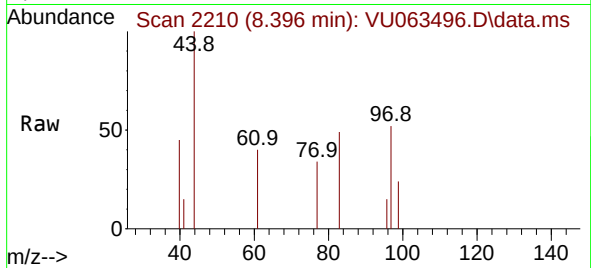




#55
 1,1,2-Trichloroethane
 Concen: 0.430 ug/l
 RT: 8.396 min Scan# 2110
 Delta R.T. 0.006 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

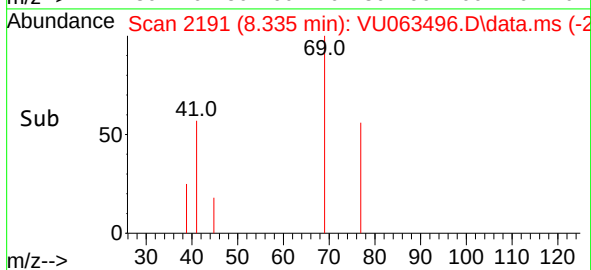
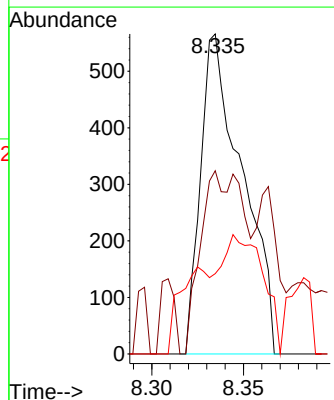
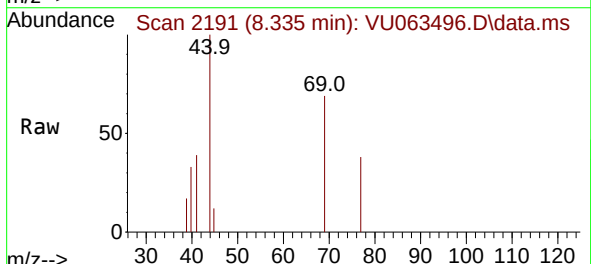
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

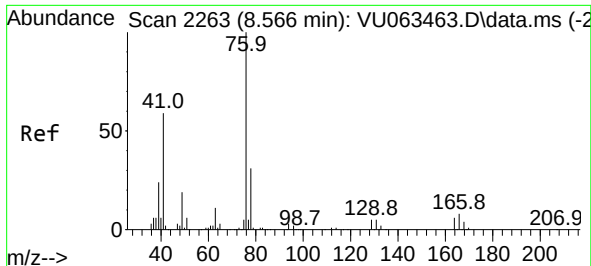
Tgt Ion: 97	Resp: 567
Ion Ratio	Lower Upper
97 100	
83 95.3	74.2 111.4
85 0.0	45.8 68.8#
99 45.8	52.5 78.7#



#56
 Ethyl methacrylate
 Concen: 0.420 ug/l
 RT: 8.335 min Scan# 2191
 Delta R.T. 0.006 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

Tgt Ion: 69	Resp: 894
Ion Ratio	Lower Upper
69 100	
41 36.8	53.0 79.6#
39 35.9	31.0 46.4

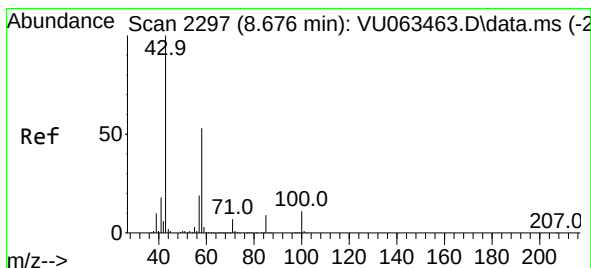
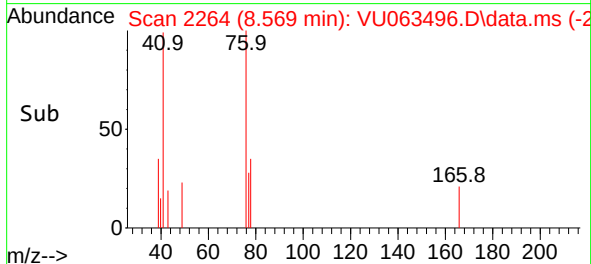
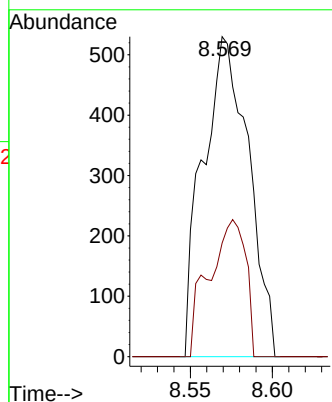
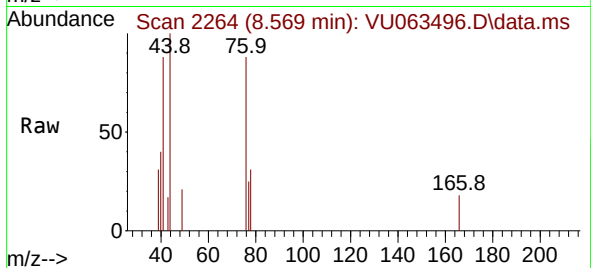




#57
1,3-Dichloropropane
Concen: 0.469 ug/l
RT: 8.569 min Scan# 2102
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

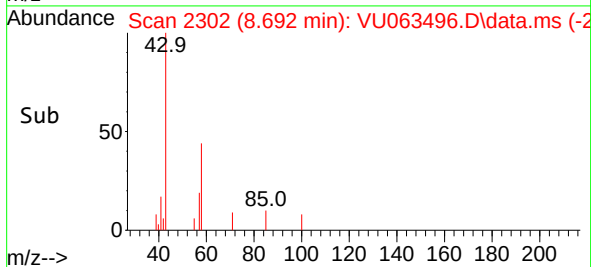
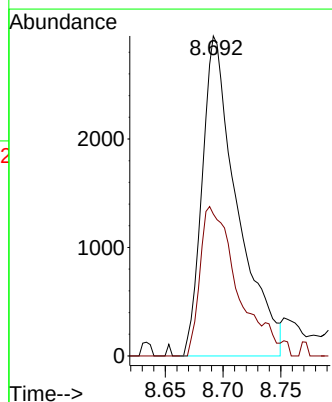
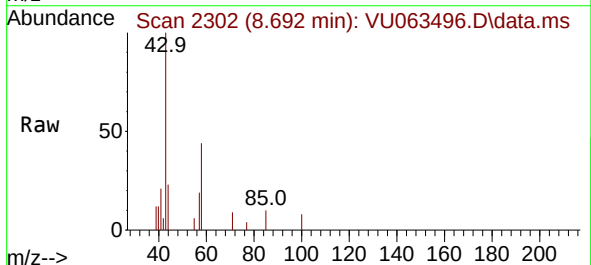
Instrument :
MSVOA_U
ClientSampleId :
MDL04

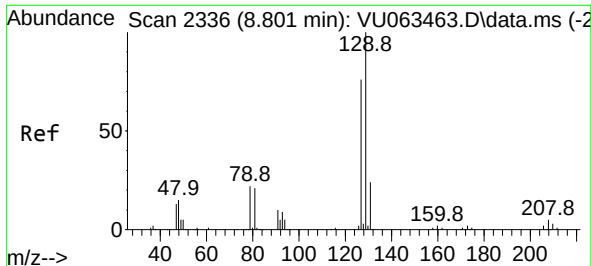
Tgt Ion: 76 Resp: 1021
Ion Ratio Lower Upper
76 100
78 34.7 25.6 38.4



#59
2-Hexanone
Concen: 3.471 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.016 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 43 Resp: 6217
Ion Ratio Lower Upper
43 100
58 50.5 26.9 80.7

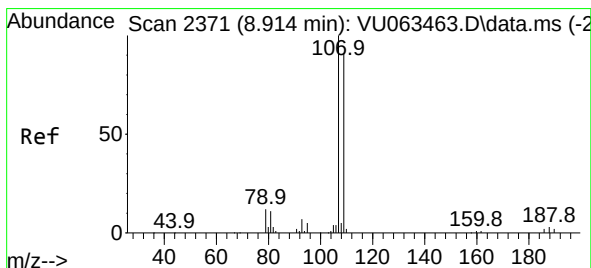
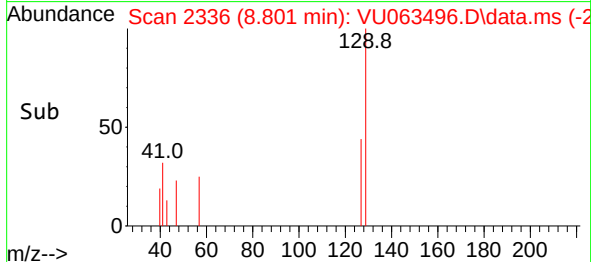
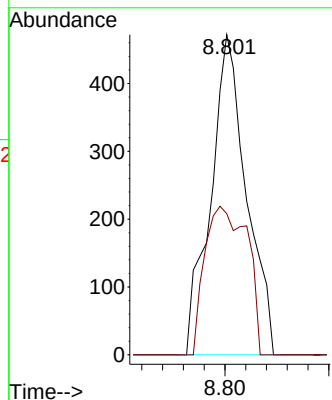
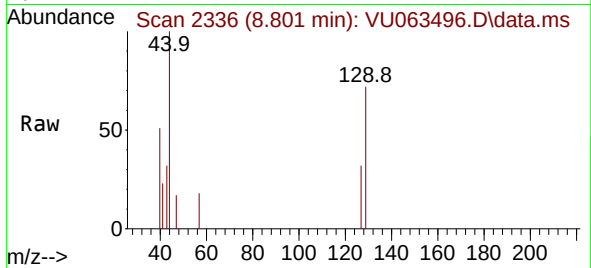




#60
Dibromochloromethane
Concen: 0.382 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

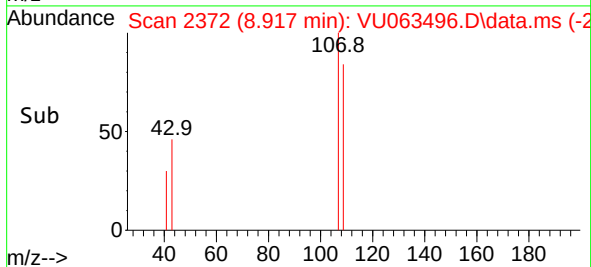
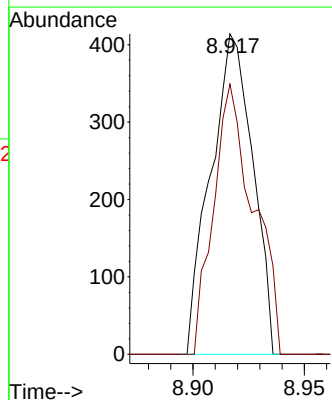
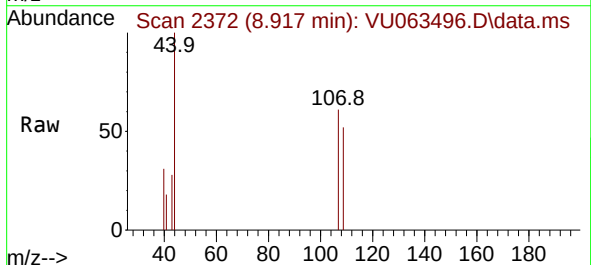
Instrument :
MSVOA_U
ClientSampleId :
MDL04

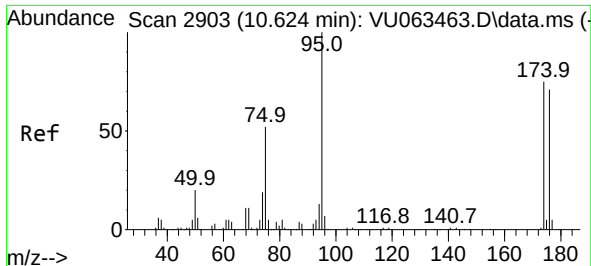
Tgt Ion:129 Resp: 565
Ion Ratio Lower Upper
129 100
127 54.9 39.1 117.2



#61
1,2-Dibromoethane
Concen: 0.422 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:107 Resp: 546
Ion Ratio Lower Upper
107 100
109 80.0 73.7 110.5

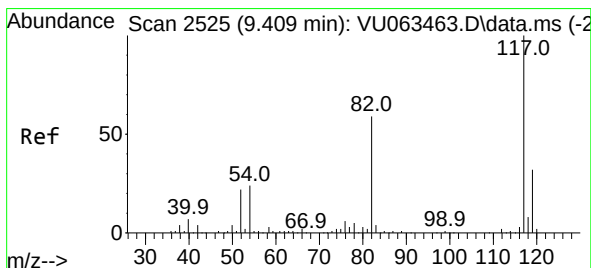
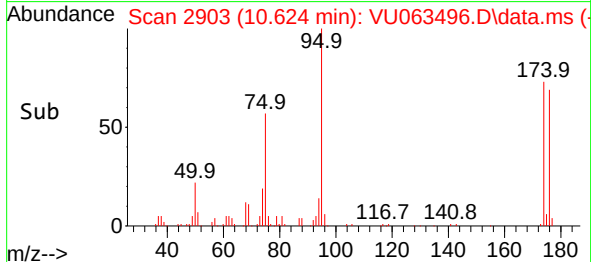
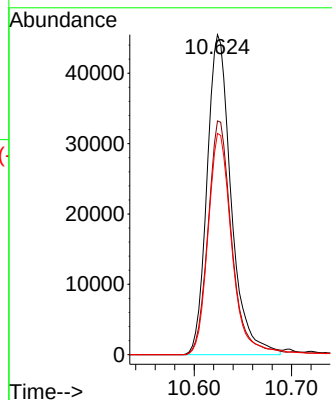
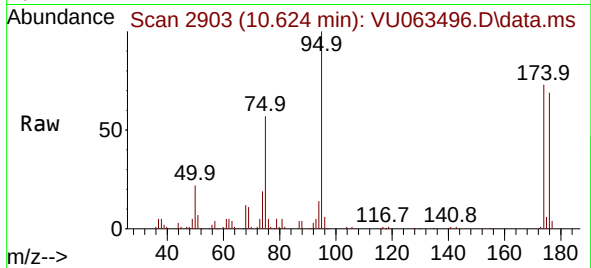




#62
4-Bromofluorobenzene
Concen: 48.903 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

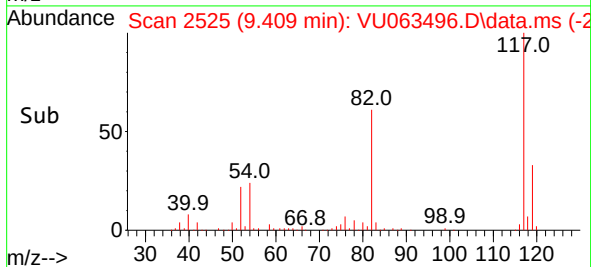
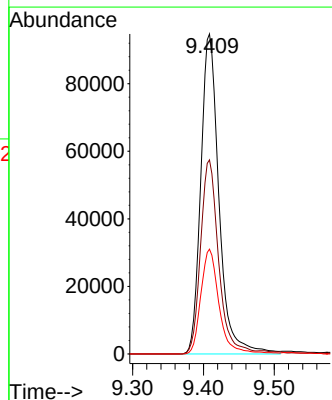
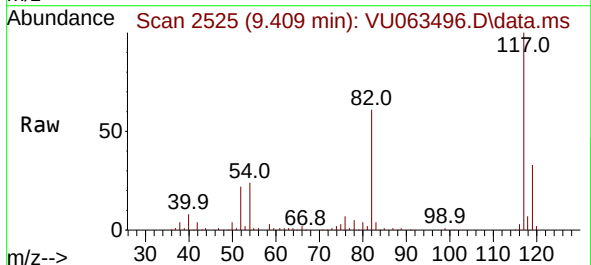
Instrument :
MSVOA_U
ClientSampleId :
MDL04

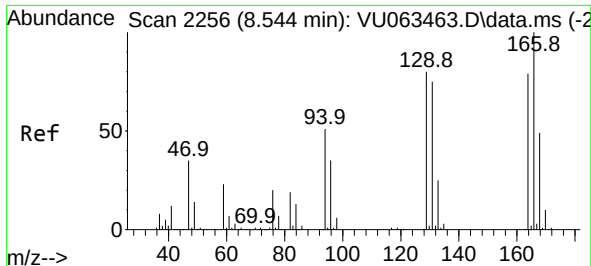
Tgt Ion: 95 Resp: 78053
Ion Ratio Lower Upper
95 100
174 71.9 0.0 153.6
176 69.2 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 117 Resp: 169062
Ion Ratio Lower Upper
117 100
82 60.6 47.1 70.7
119 32.8 25.4 38.0

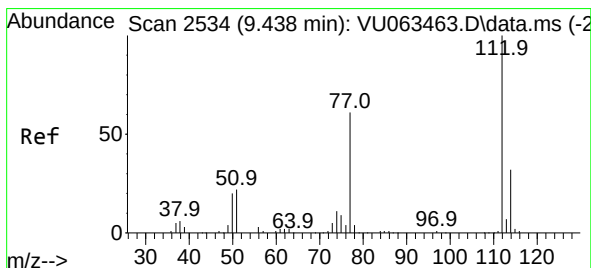
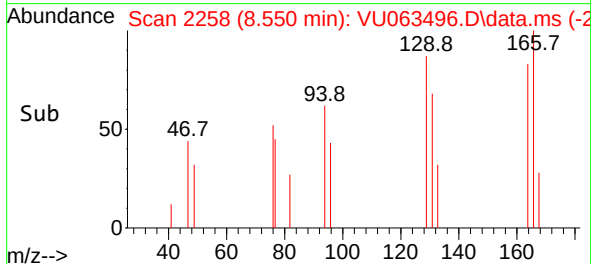
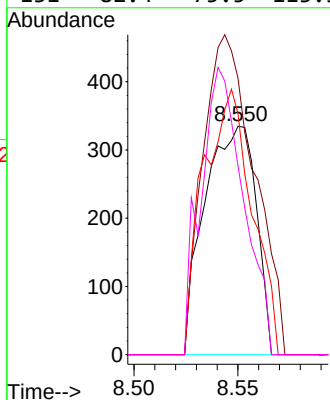
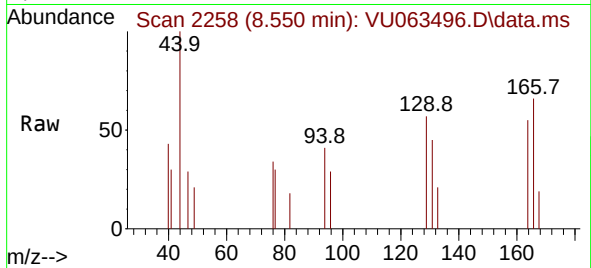




#64
Tetrachloroethene
Concen: 0.457 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

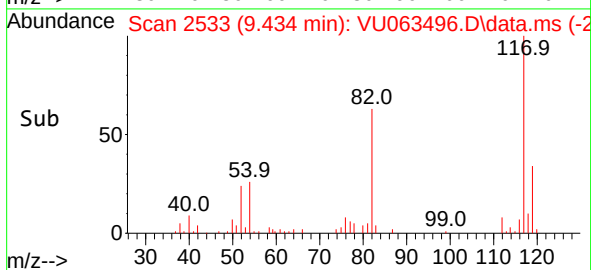
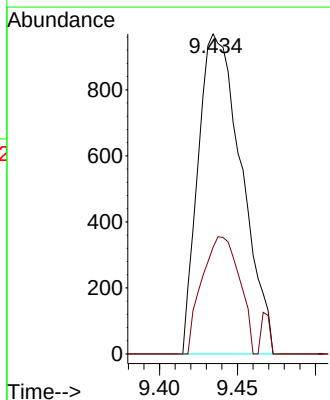
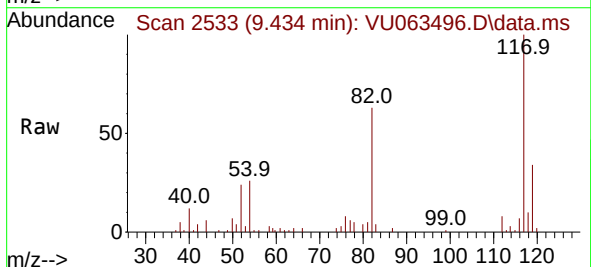
Instrument :
MSVOA_U
ClientSampleId :
MDL04

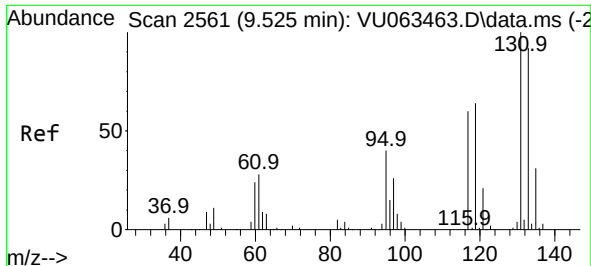
Tgt Ion:164	Resp:	575	
Ion	Ratio	Lower	Upper
164	100		
166	120.9	100.9	151.3
129	105.4	80.9	121.3
131	82.4	75.5	113.3



#65
Chlorobenzene
Concen: 0.532 ug/l
RT: 9.434 min Scan# 2533
Delta R.T. -0.004 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:112	Resp:	1871	
Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.5	38.3

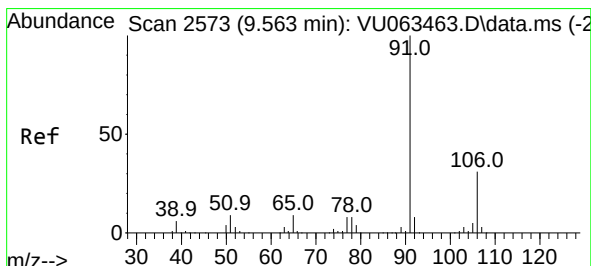
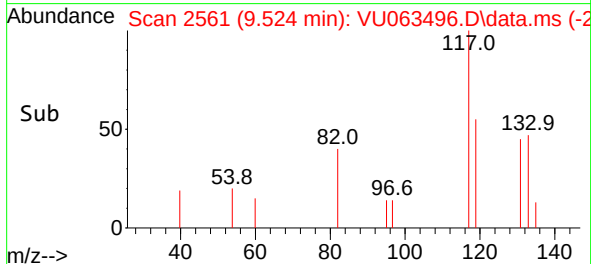
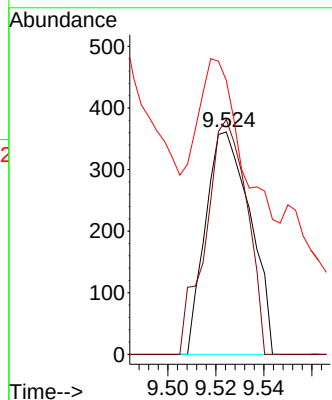
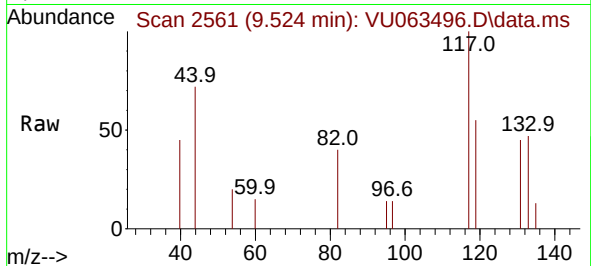




#66
1,1,1,2-Tetrachloroethane
Concen: 0.388 ug/l
RT: 9.524 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

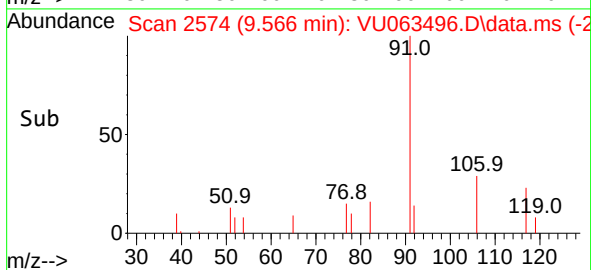
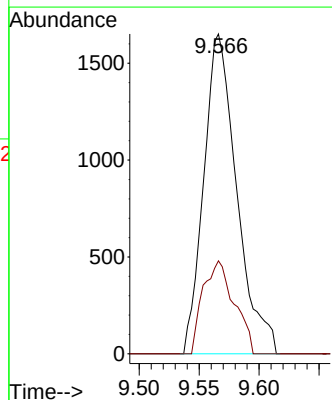
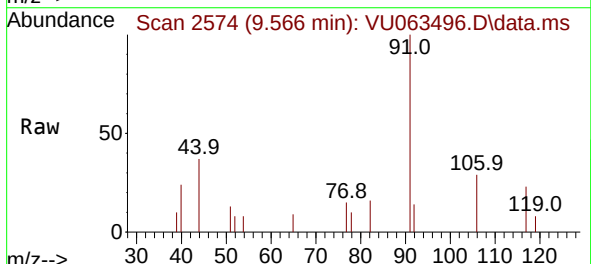
Instrument :
MSVOA_U
ClientSampleId :
MDL04

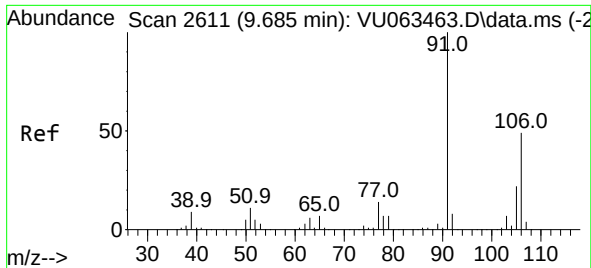
Tgt Ion:131 Resp: 468
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.2
119 0.0 33.3 99.9#



#67
Ethyl Benzene
Concen: 0.523 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 91 Resp: 3160
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7

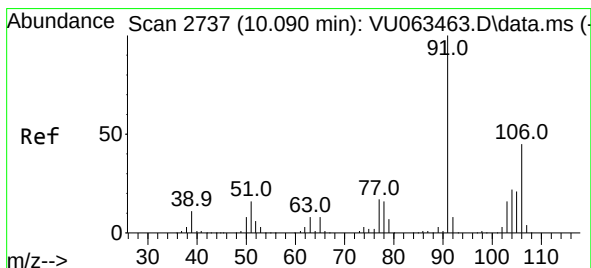
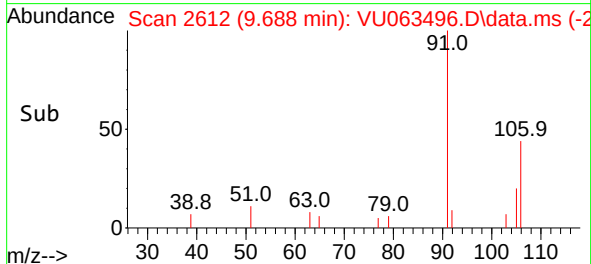
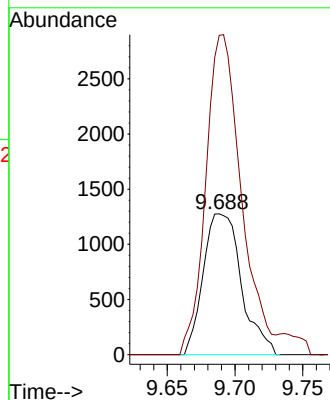
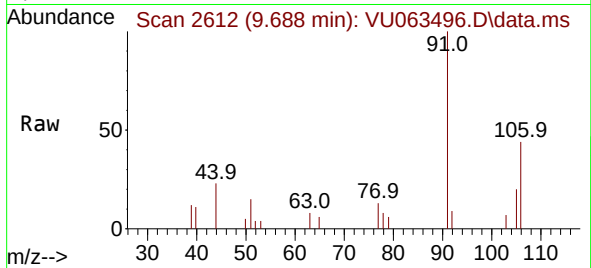




#68
m/p-Xylenes
Concen: 1.085 ug/l
RT: 9.688 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

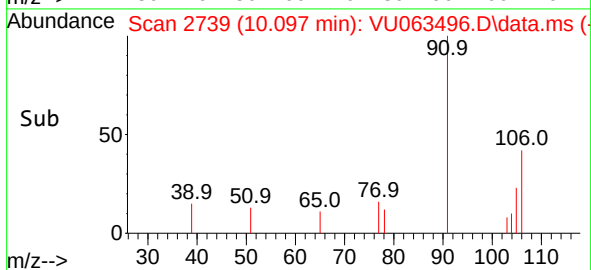
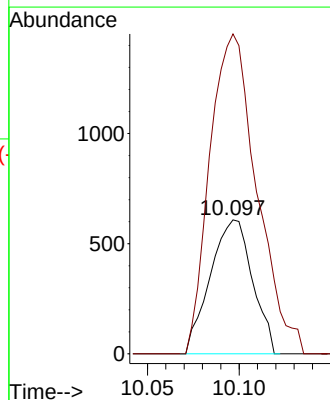
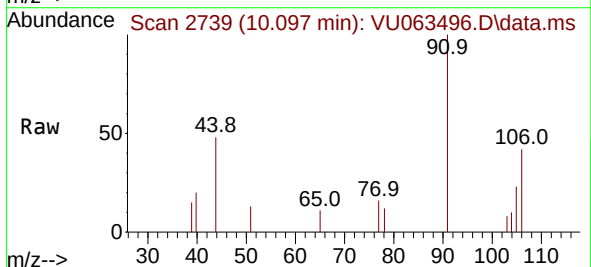
Instrument :
MSVOA_U
ClientSampleId :
MDL04

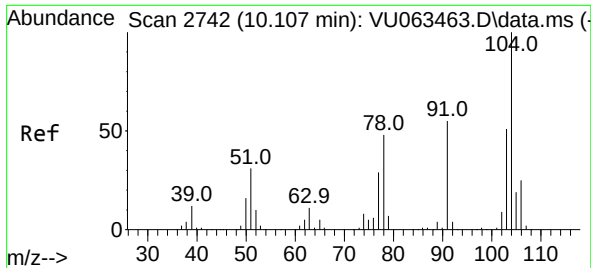
Tgt Ion:106 Resp: 2503
Ion Ratio Lower Upper
106 100
91 210.7 163.6 245.4



#69
o-Xylene
Concen: 0.416 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:106 Resp: 975
Ion Ratio Lower Upper
106 100
91 265.5 110.7 331.9

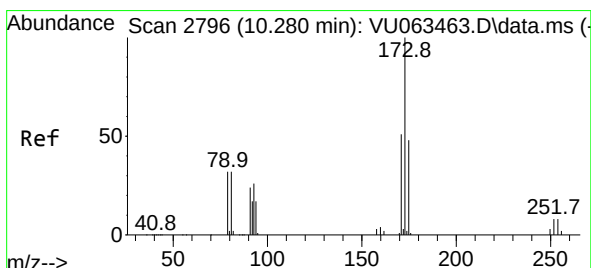
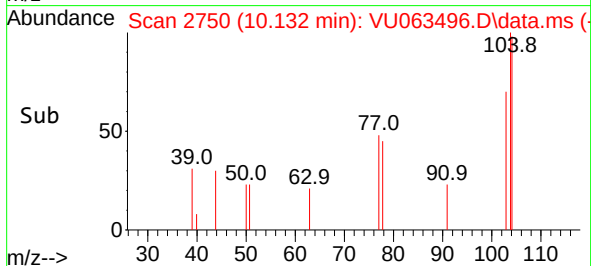
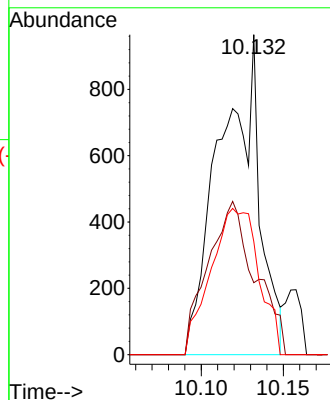
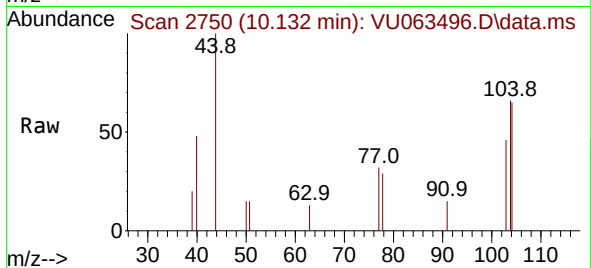




#70
Styrene
Concen: 0.434 ug/l
RT: 10.132 min Scan# 21
Delta R.T. 0.025 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

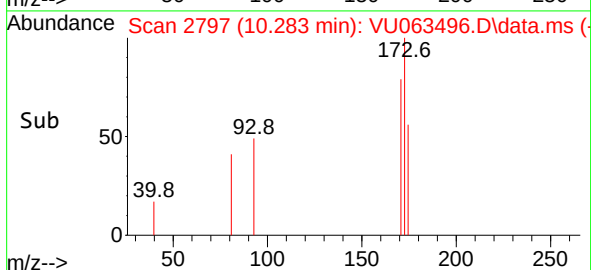
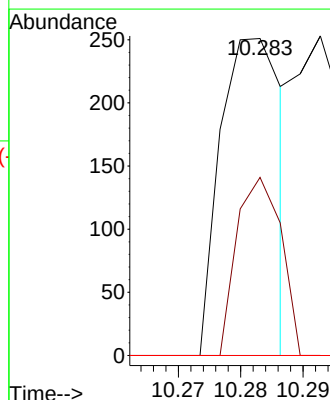
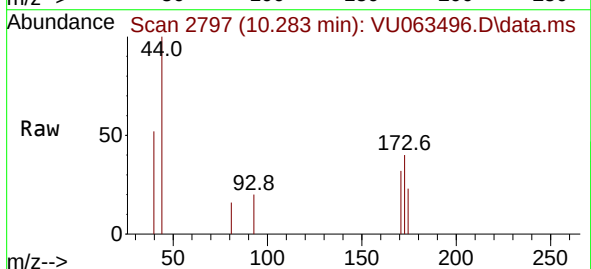
Instrument :
MSVOA_U
ClientSampleId :
MDL04

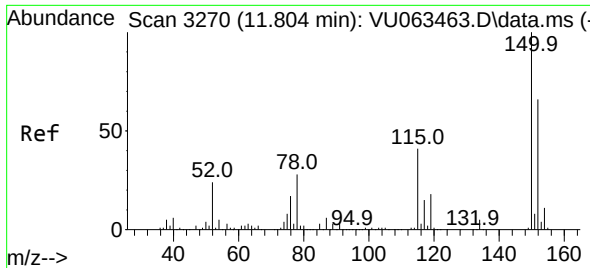
Tgt Ion:104 Resp: 1620
Ion Ratio Lower Upper
104 100
78 57.0 41.4 62.0
103 55.4 44.3 66.5



#71
Bromoform
Concen: 0.164 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:173 Resp: 172
Ion Ratio Lower Upper
173 100
175 40.7 24.0 72.0
254 0.0 0.0 0.0

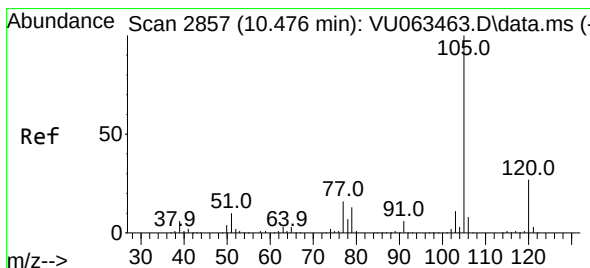
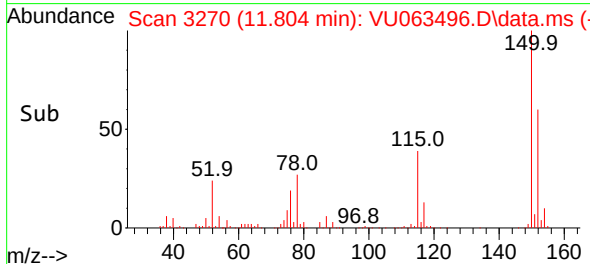
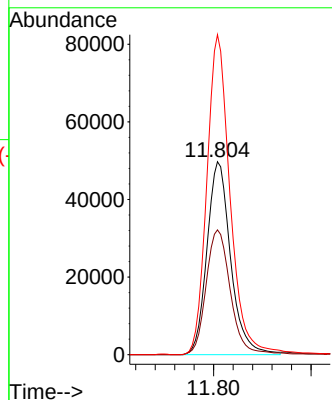
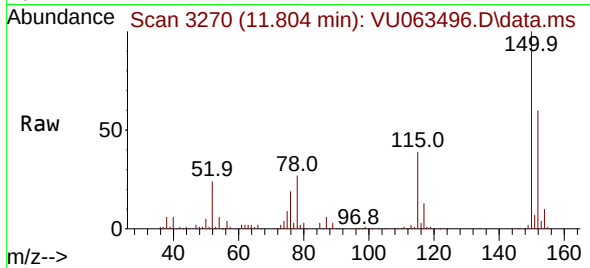




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.804 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

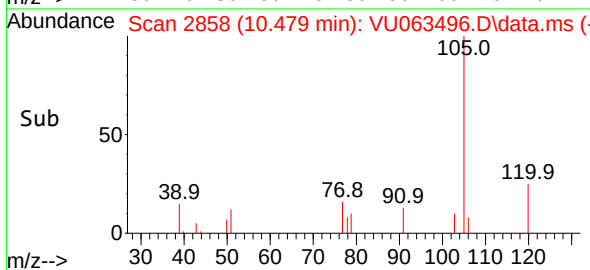
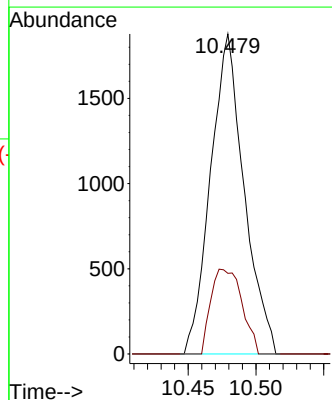
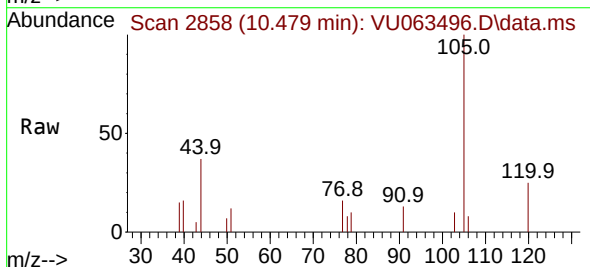
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

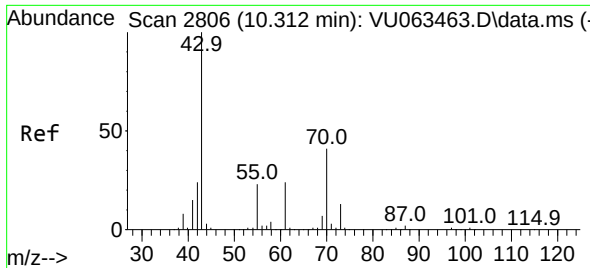
Tgt Ion:152 Resp: 84088
 Ion Ratio Lower Upper
 152 100
 115 66.4 43.4 130.2
 150 163.5 0.0 341.4



#73
 Isopropylbenzene
 Concen: 0.563 ug/l
 RT: 10.479 min Scan# 2858
 Delta R.T. 0.003 min
 Lab File: VU063496.D
 Acq: 11 Jul 2025 16:40

Tgt Ion:105 Resp: 3224
 Ion Ratio Lower Upper
 105 100
 120 24.5 13.1 39.1

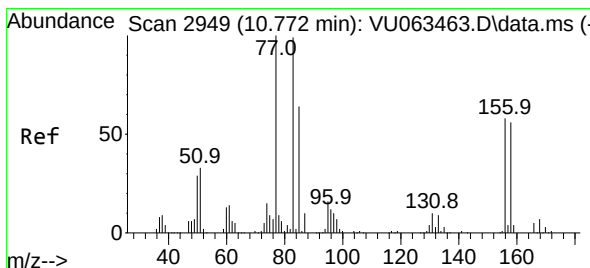
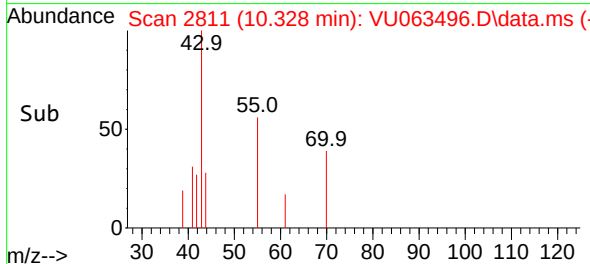
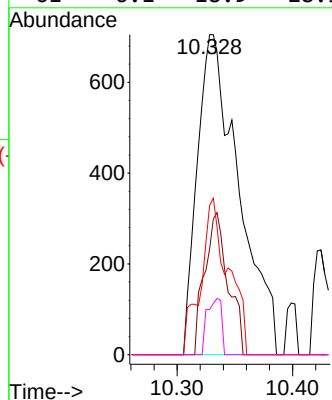
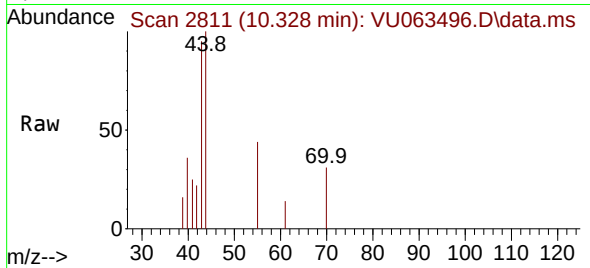




#74
N-amy1 acetate
Concen: 0.684 ug/l
RT: 10.328 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

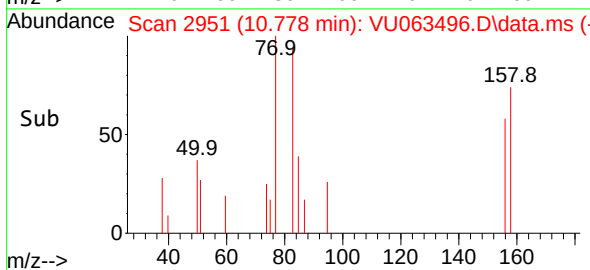
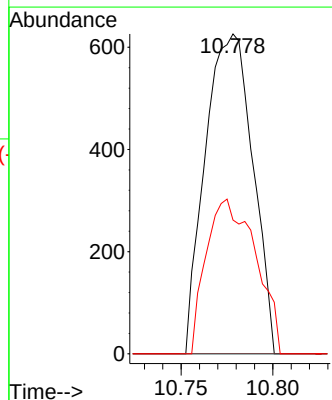
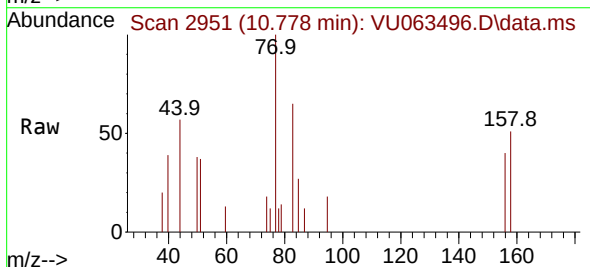
Instrument :
MSVOA_U
ClientSampleId :
MDL04

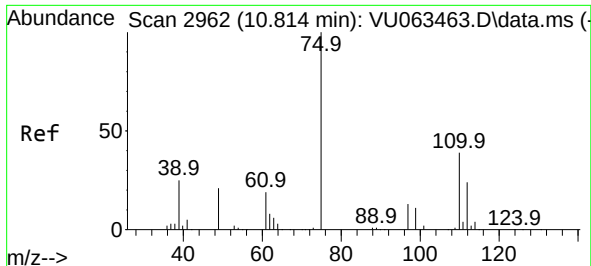
Tgt Ion: 43	Resp: 1755
Ion Ratio	Lower Upper
43 100	
70 25.2	32.6 48.8#
55 32.6	18.6 27.8#
61 6.1	18.9 28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.534 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 83	Resp: 1125
Ion Ratio	Lower Upper
83 100	
131 0.0	4.8 14.3#
85 50.6	32.3 96.8

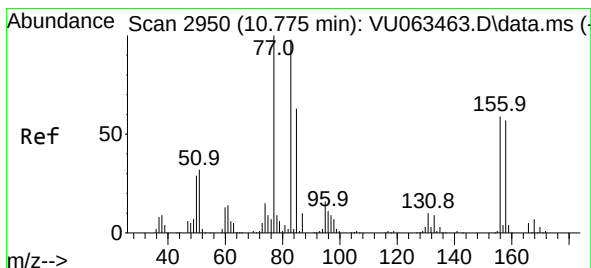
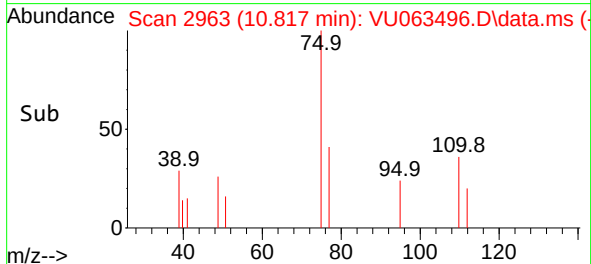
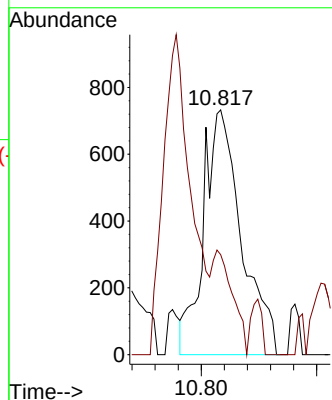
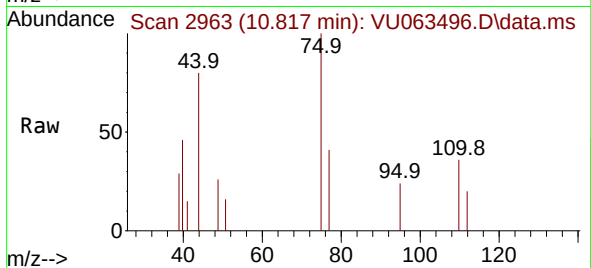




#76
1,2,3-Trichloropropane
Concen: 0.752 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

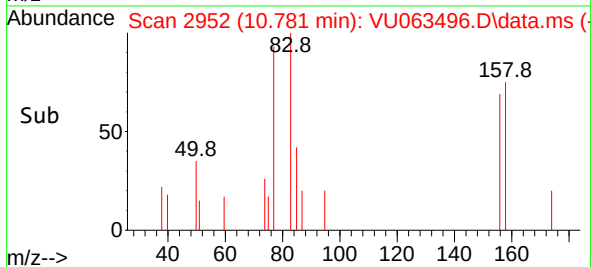
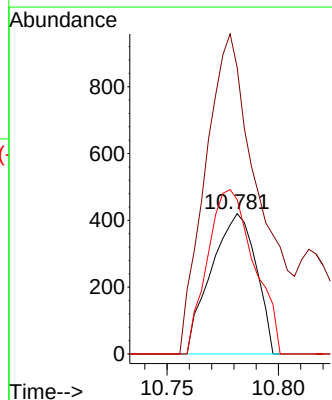
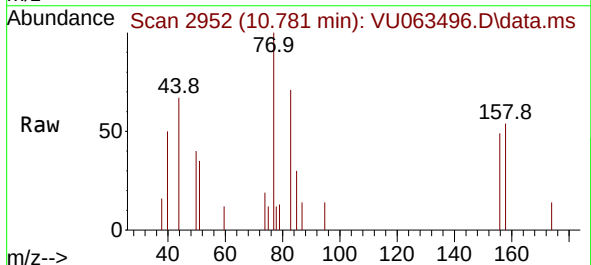
Instrument :
MSVOA_U
ClientSampleId :
MDL04

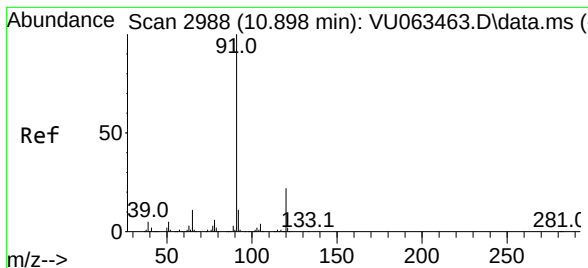
Tgt Ion: 75 Resp: 1676
Ion Ratio Lower Upper
75 100
77 22.4 3.1 9.4#



#77
Bromobenzene
Concen: 0.419 ug/l
RT: 10.781 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 156 Resp: 587
Ion Ratio Lower Upper
156 100
77 274.4 78.2 234.6#
158 121.8 46.8 140.4





#78

n-propylbenzene

Concen: 0.634 ug/l

RT: 10.904 min Scan# 2988

Delta R.T. 0.006 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

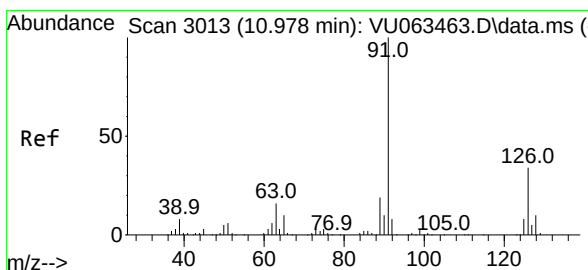
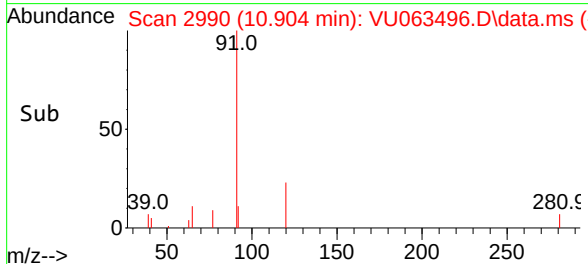
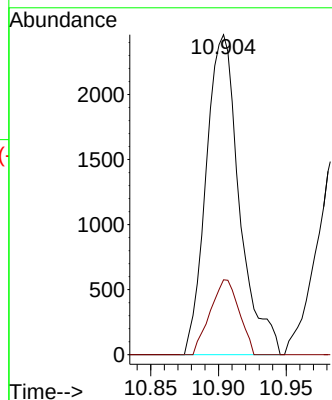
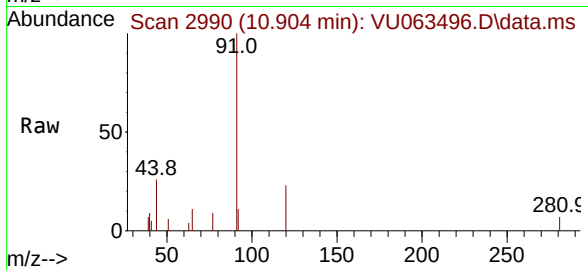
MDL04

Tgt Ion: 91 Resp: 4205

Ion Ratio Lower Upper

91 100

120 20.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.604 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.006 min

Lab File: VU063496.D

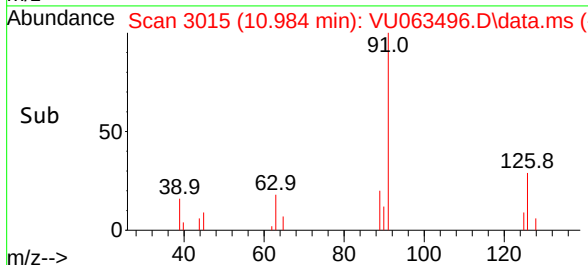
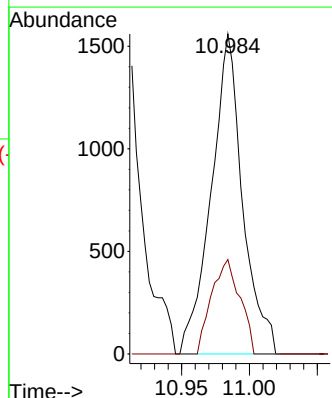
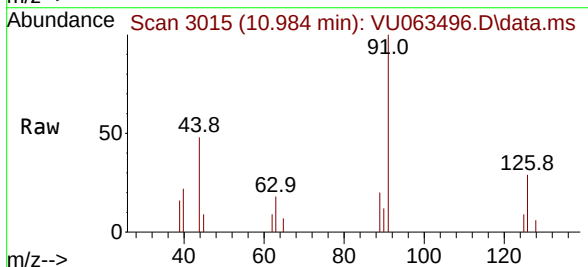
Acq: 11 Jul 2025 16:40

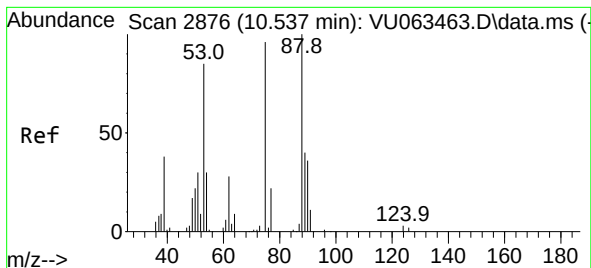
Tgt Ion: 91 Resp: 2512

Ion Ratio Lower Upper

91 100

126 26.6 15.9 47.7

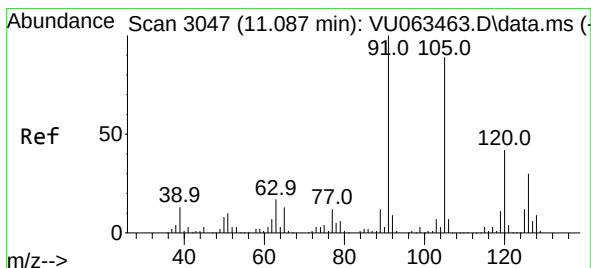
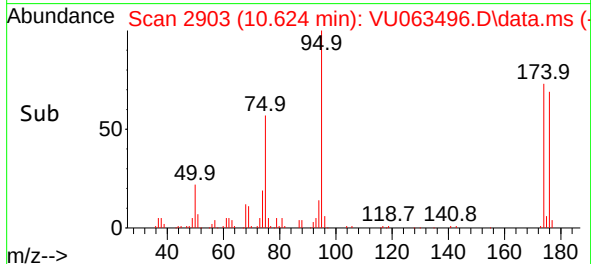
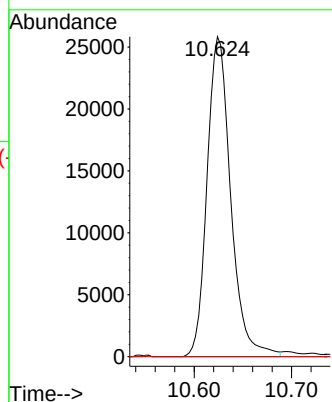
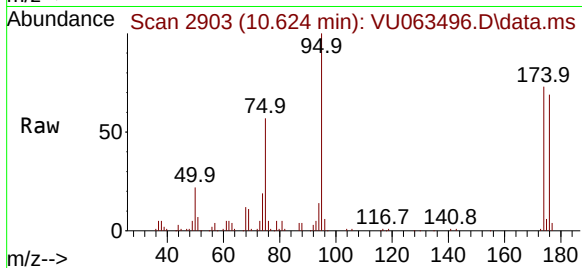




#81
trans-1,4-Dichloro-2-butene
Concen: 97.568 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

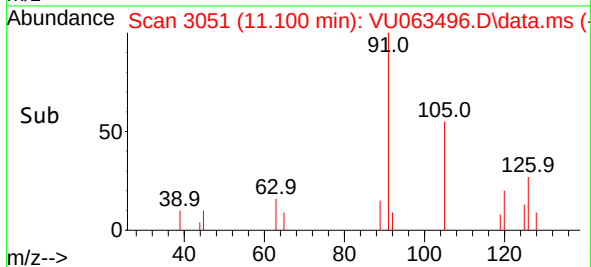
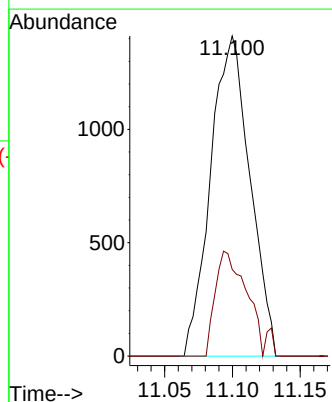
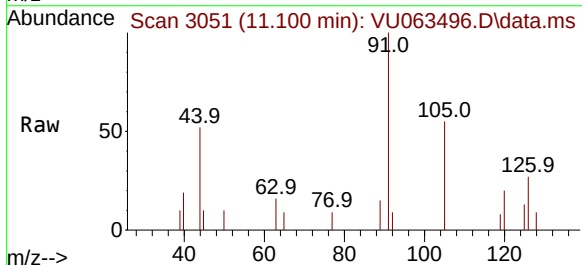
Instrument :
MSVOA_U
ClientSampleId :
MDL04

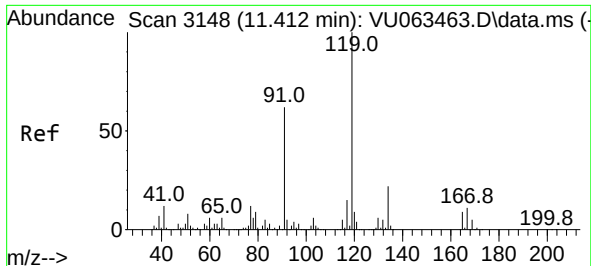
Tgt Ion: 75 Resp: 43589
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 0.603 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion: 91 Resp: 2850
Ion Ratio Lower Upper
91 100
126 25.5 14.4 43.2

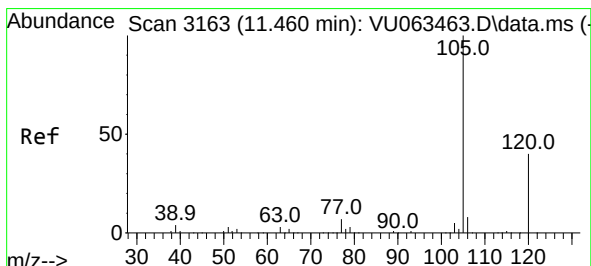
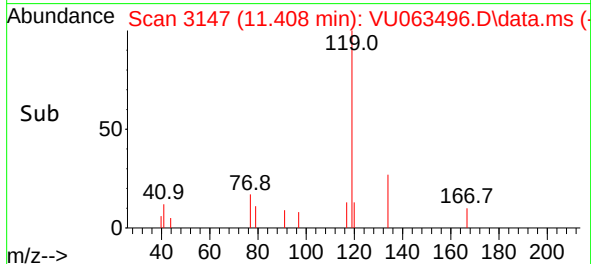
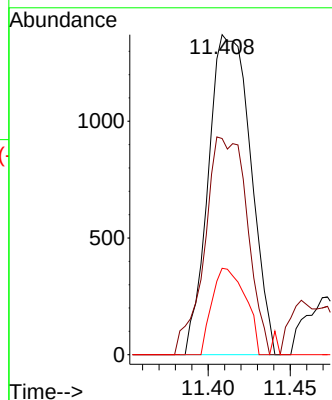
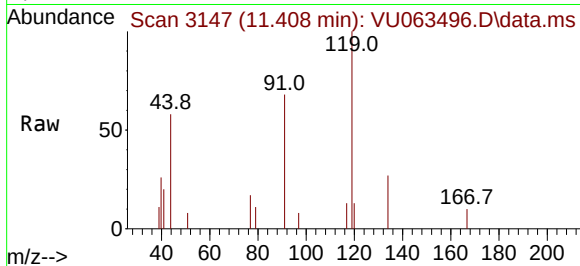




#83
tert-Butylbenzene
Concen: 0.512 ug/l
RT: 11.408 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

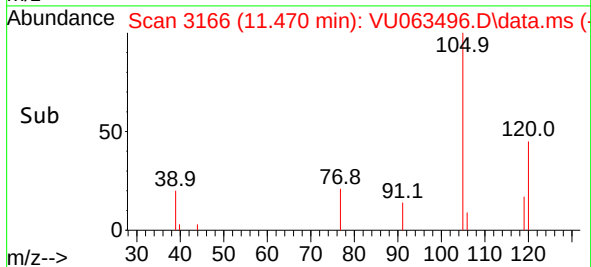
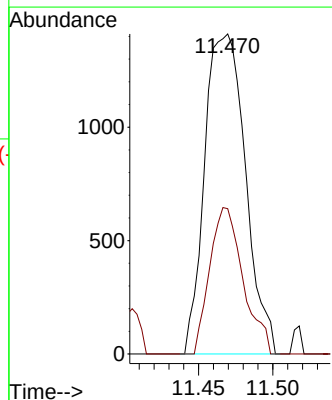
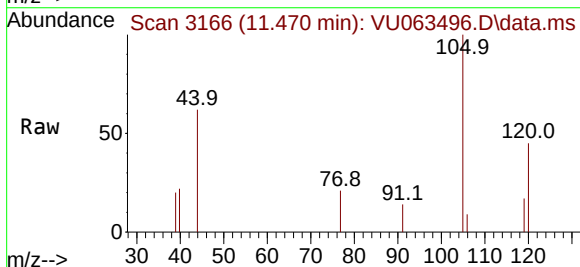
Instrument :
MSVOA_U
ClientSampleId :
MDL04

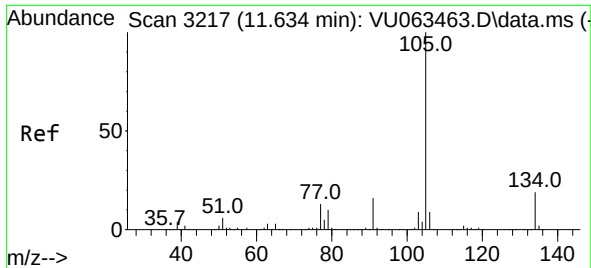
Tgt Ion:	119	Resp:	2455
Ion Ratio	Lower	Upper	
119	100		
91	68.1	30.3	91.0
134	21.3	11.2	33.6



#84
1,2,4-Trimethylbenzene
Concen: 0.548 ug/l
RT: 11.470 min Scan# 3166
Delta R.T. 0.009 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:	105	Resp:	2695
Ion Ratio	Lower	Upper	
105	100		
120	37.5	22.1	66.3

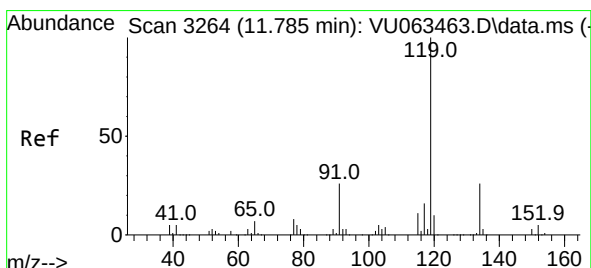
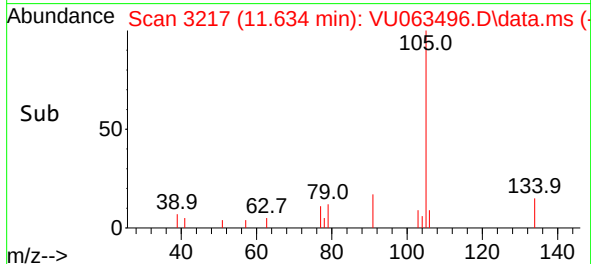
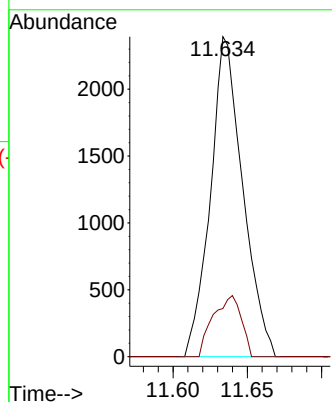
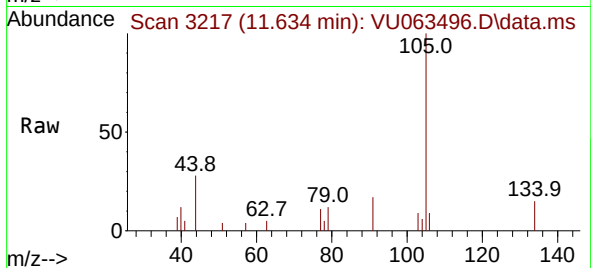




#85
sec-Butylbenzene
Concen: 0.572 ug/l
RT: 11.634 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

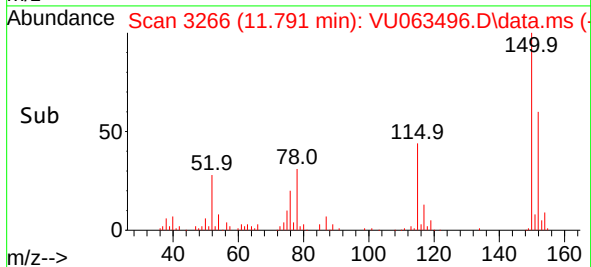
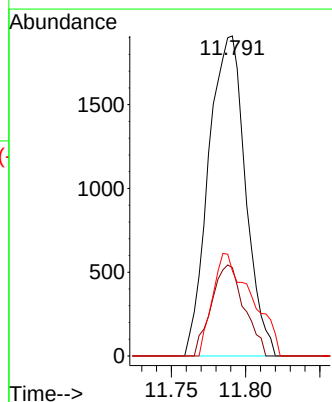
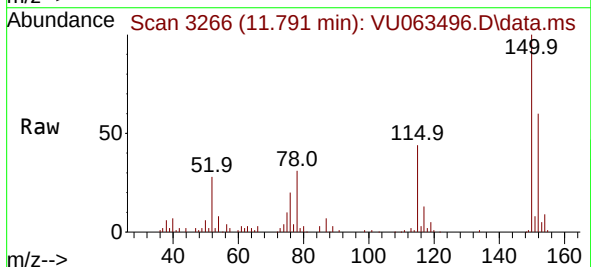
Instrument :
MSVOA_U
ClientSampleId :
MDL04

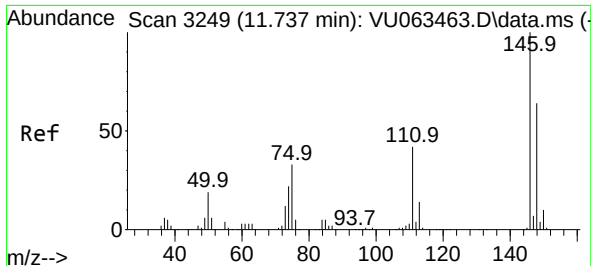
Tgt Ion:105 Resp: 3622
Ion Ratio Lower Upper
105 100
134 16.6 9.7 29.1



#86
p-Isopropyltoluene
Concen: 0.641 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU063496.D
Acq: 11 Jul 2025 16:40

Tgt Ion:119 Resp: 3292
Ion Ratio Lower Upper
119 100
134 25.5 13.0 38.9
91 34.0 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 0.688 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

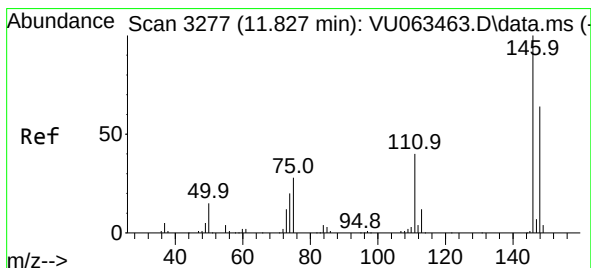
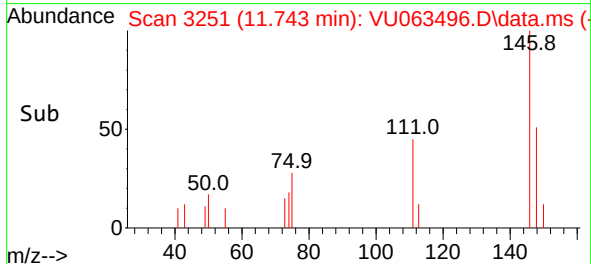
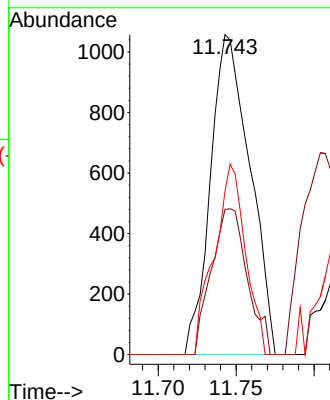
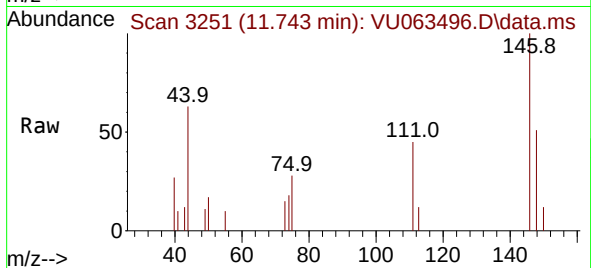
Tgt Ion:146 Resp: 1859

Ion Ratio Lower Upper

146 100

111 41.6 20.9 62.7

148 47.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 0.675 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. -0.084 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

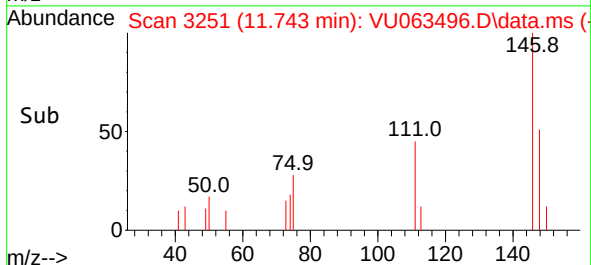
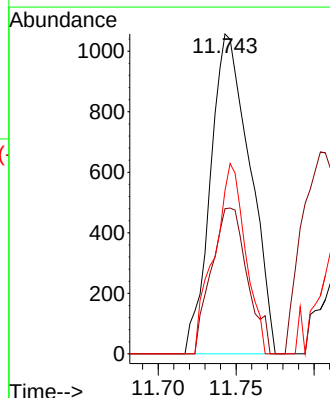
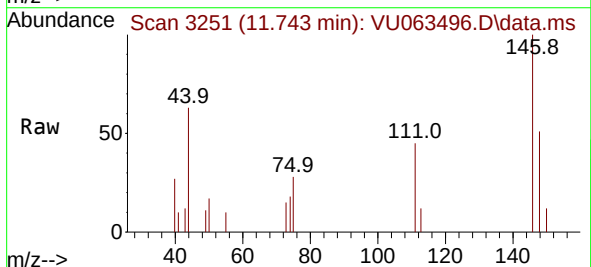
Tgt Ion:146 Resp: 1859

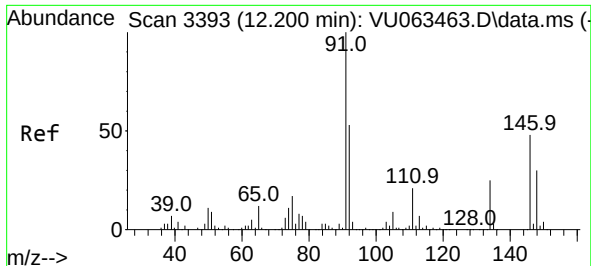
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 47.3 31.9 95.9





#89

n-Butylbenzene

Concen: 0.836 ug/l

RT: 12.212 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

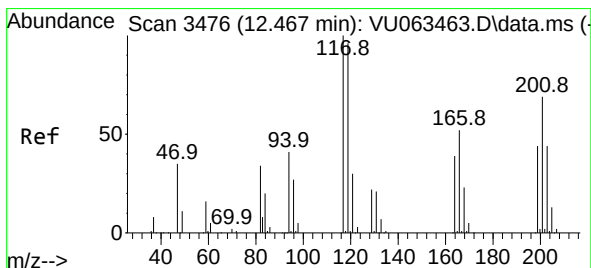
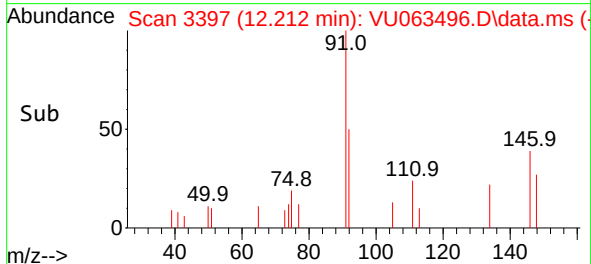
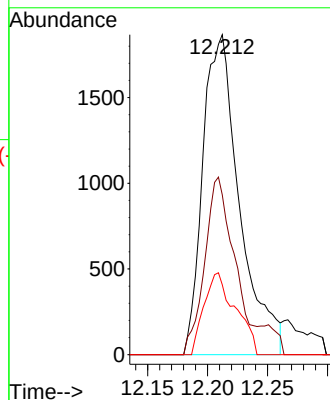
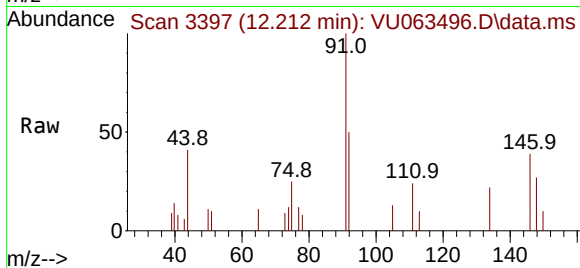
Tgt Ion: 91 Resp: 3976

Ion Ratio Lower Upper

91 100

92 45.2 26.4 79.2

134 21.9 12.4 37.0



#90

Hexachloroethane

Concen: 0.355 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.003 min

Lab File: VU063496.D

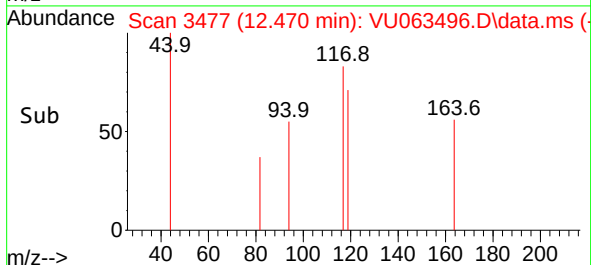
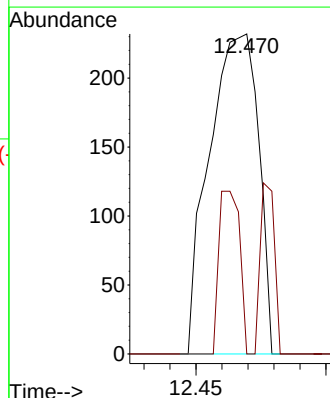
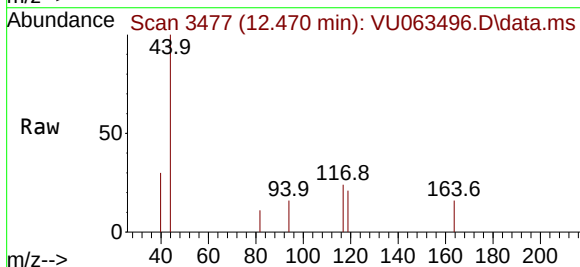
Acq: 11 Jul 2025 16:40

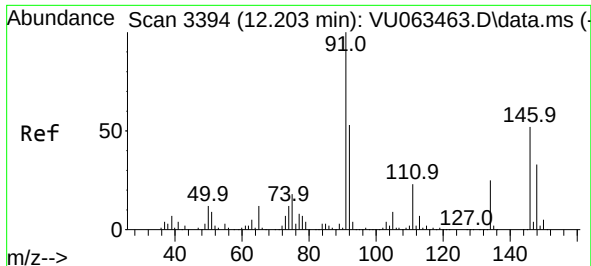
Tgt Ion: 117 Resp: 305

Ion Ratio Lower Upper

117 100

201 15.4 34.4 103.2#





#91

1,2-Dichlorobenzene

Concen: 0.563 ug/l

RT: 12.216 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

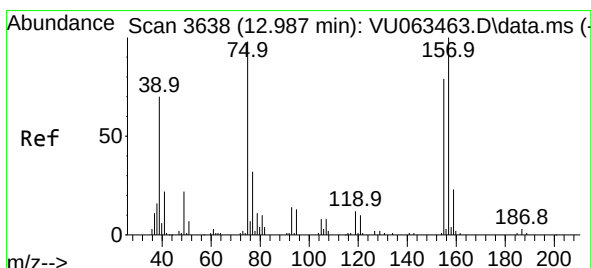
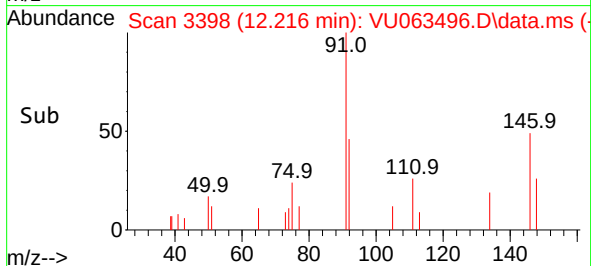
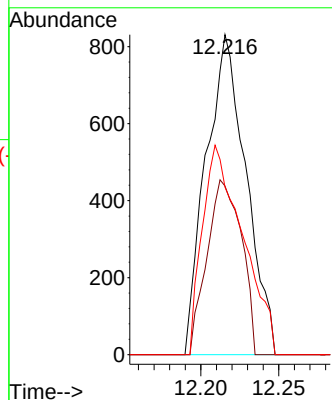
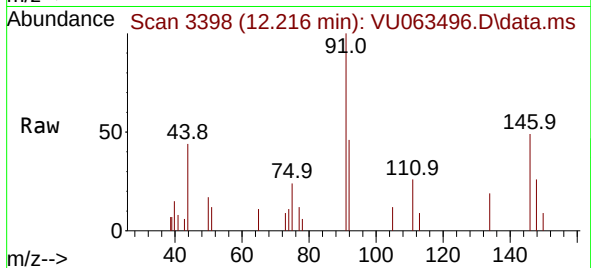
Tgt Ion:146 Resp: 1484

Ion Ratio Lower Upper

146 100

111 47.0 21.9 65.5

148 65.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.483 ug/l

RT: 12.997 min Scan# 3641

Delta R.T. 0.009 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

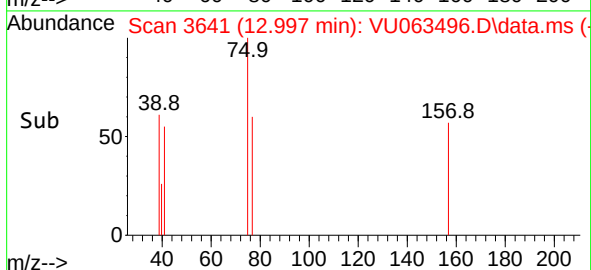
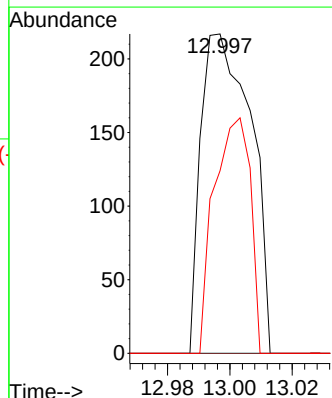
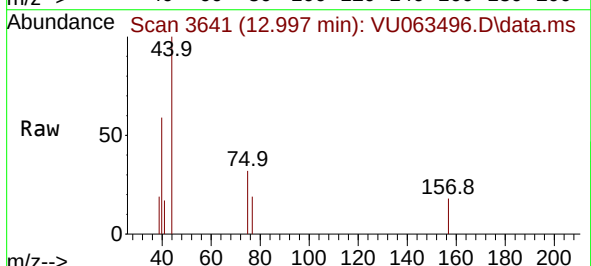
Tgt Ion: 75 Resp: 241

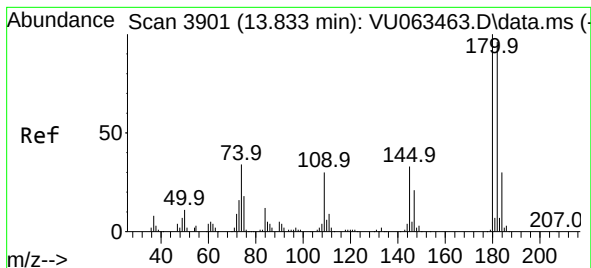
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.5#

157 53.5 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 0.871 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Instrument :

MSVOA_U

ClientSampleId :

MDL04

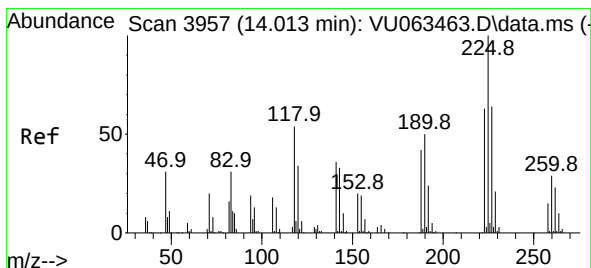
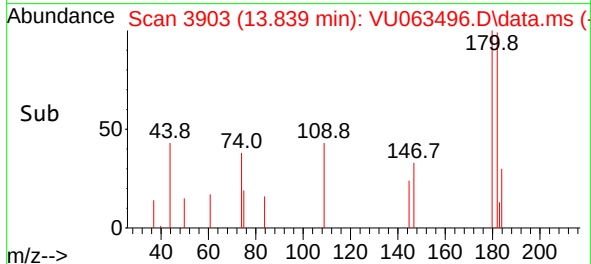
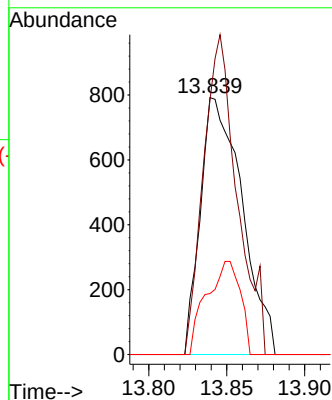
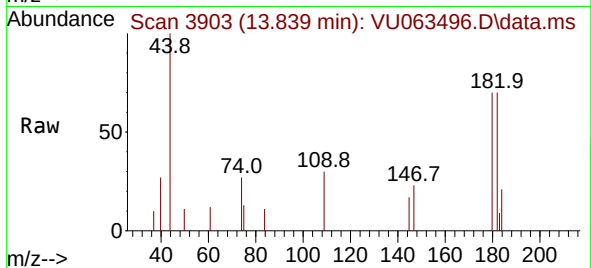
Tgt Ion:180 Resp: 1470

Ion Ratio Lower Upper

180 100

182 100.5 47.7 143.1

145 29.3 16.6 49.7



#94

Hexachlorobutadiene

Concen: 0.509 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.003 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

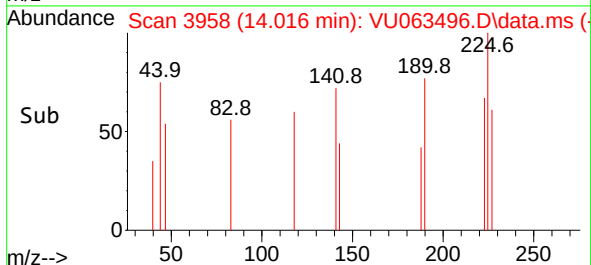
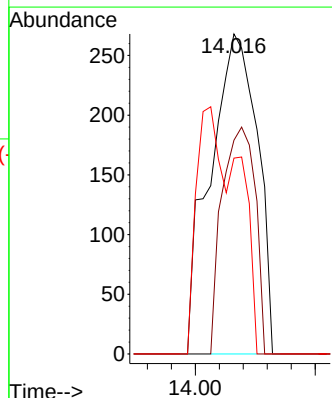
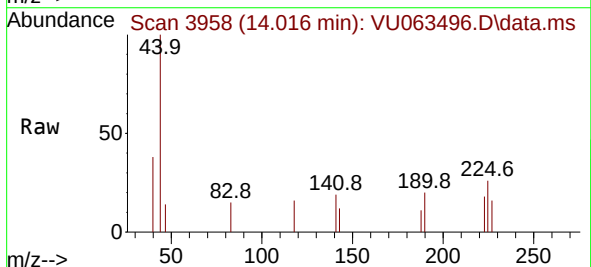
Tgt Ion:225 Resp: 367

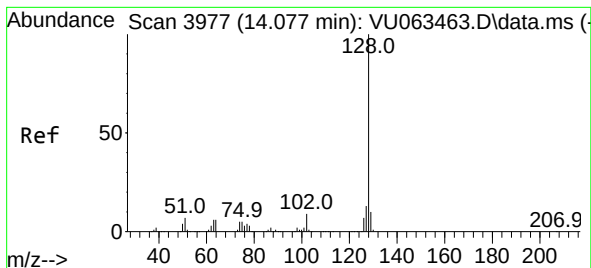
Ion Ratio Lower Upper

225 100

223 49.6 32.4 97.0

227 44.4 32.3 96.9





#95

Naphthalene

Concen: 1.285 ug/l

RT: 14.100 min Scan# 3977

Delta R.T. 0.022 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

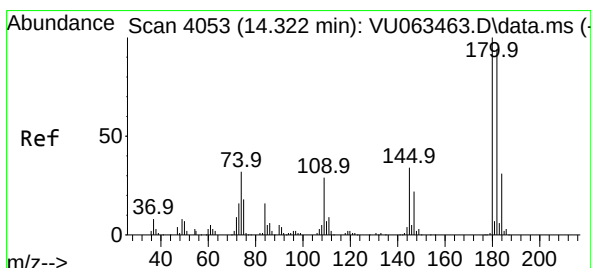
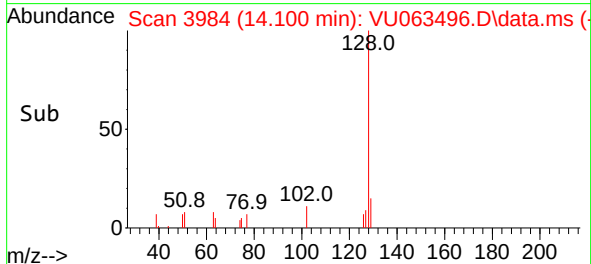
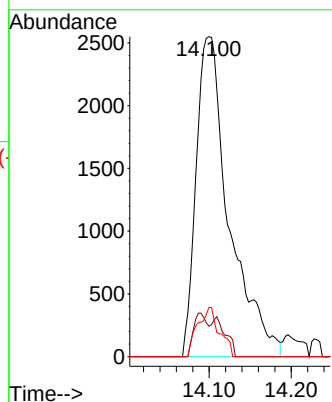
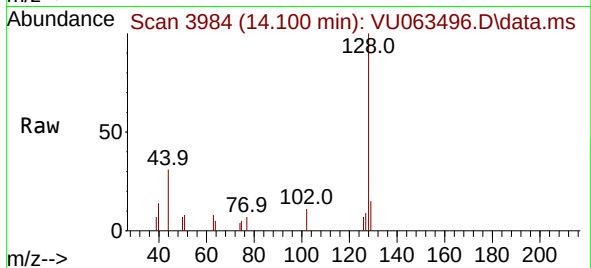
Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:128	Resp:	7104
Ion Ratio	Lower	Upper
128	100	
127	5.8	10.2 15.4#
129	10.2	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.761 ug/l

RT: 14.338 min Scan# 4058

Delta R.T. 0.016 min

Lab File: VU063496.D

Acq: 11 Jul 2025 16:40

Tgt Ion:180	Resp:	1263
Ion Ratio	Lower	Upper
180	100	
182	115.2	47.8 143.3
145	35.8	17.2 51.5

