

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063489.D
 Acq On : 11 Jul 2025 11:39
 Operator : MD/SY
 Sample : MDL05
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jul 12 03:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	104638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	186461	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	173889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.805	152	87871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	75614	56.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.280%	
35) Dibromofluoromethane	5.278	113	58440	51.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.000%	
50) Toluene-d8	7.888	98	185894	50.739	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	10.625	95	83531	52.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.381	85	2355	2.830	ug/l	96
3) Chloromethane	1.519	50	3118	3.076	ug/l	93
4) Vinyl Chloride	1.599	62	3384	3.011	ug/l	91
5) Bromomethane	1.847	94	3827	4.860	ug/l	87
6) Chloroethane	1.924	64	3070	3.770	ug/l	95
7) Trichlorofluoromethane	2.130	101	5288	2.916	ug/l	96
8) Diethyl Ether	2.371	74	2305	3.050	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.567	101	3444	3.211	ug/l	92
10) Methyl Iodide	2.709	142	3078	2.748	ug/l	95
11) Tert butyl alcohol	3.188	59	8263	18.460	ug/l #	93
12) 1,1-Dichloroethene	2.567	96	3518	3.524	ug/l	86
13) Acrolein	2.480	56	957	15.147	ug/l	93
14) Allyl chloride	2.908	41	7163	3.014	ug/l	95
15) Acrylonitrile	3.307	53	15222	15.876	ug/l	92
16) Acetone	2.622	43	16273	14.530	ug/l	96
17) Carbon Disulfide	2.776	76	9107	3.816	ug/l	96
18) Methyl Acetate	2.943	43	9125	3.166	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	12399	2.880	ug/l	92
20) Methylene Chloride	3.027	84	4537	2.778	ug/l	88
21) trans-1,2-Dichloroethene	3.332	96	3698	3.448	ug/l	96
22) Diisopropyl ether	3.991	45	11300	2.793	ug/l #	81
23) Vinyl Acetate	3.953	43	43665	13.908	ug/l	98
24) 1,1-Dichloroethane	3.853	63	6404	2.789	ug/l	96
25) 2-Butanone	4.721	43	16893	13.437	ug/l	99
26) 2,2-Dichloropropane	4.651	77	4784	2.395	ug/l	99
27) cis-1,2-Dichloroethene	4.660	96	3942	2.784	ug/l	98
28) Bromochloromethane	4.966	49	3681	3.412	ug/l #	85
29) Tetrahydrofuran	5.059	42	13050	16.455	ug/l #	92
30) Chloroform	5.075	83	6598	2.721	ug/l	100
31) Cyclohexane	5.364	56	8178	4.430	ug/l #	70
32) 1,1,1-Trichloroethane	5.300	97	5895	2.856	ug/l #	52
36) 1,1-Dichloropropene	5.512	75	4914	3.218	ug/l	94
37) Ethyl Acetate	4.827	43	4643	1.877	ug/l #	96
38) Carbon Tetrachloride	5.509	117	4624	2.748	ug/l	99
39) Methylcyclohexane	6.747	83	5584	3.026	ug/l	97
40) Benzene	5.766	78	12235	2.565	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063489.D
 Acq On : 11 Jul 2025 11:39
 Operator : MD/SY
 Sample : MDL05
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jul 12 03:48:52 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	4.995	41	1772	1.518	ug/l #	85
42) 1,2-Dichloroethane	5.792	62	5676	3.165	ug/l	87
43) Isopropyl Acetate	5.924	43	8709	2.651	ug/l #	93
44) Trichloroethene	6.535	130	3434	2.690	ug/l	81
45) 1,2-Dichloropropane	6.782	63	3661	2.761	ug/l	90
46) Dibromomethane	6.911	93	2676	2.837	ug/l	96
47) Bromodichloromethane	7.097	83	5462	2.784	ug/l	92
48) Methyl methacrylate	6.969	41	3940	2.595	ug/l	89
49) 1,4-Dioxane	6.969	88	2042	61.286	ug/l #	66
51) 4-Methyl-2-Pentanone	7.786	43	36598	15.391	ug/l	97
52) Toluene	7.962	92	9023	2.892	ug/l	93
53) t-1,3-Dichloropropene	8.207	75	4185	2.438	ug/l #	87
54) cis-1,3-Dichloropropene	7.602	75	4646	2.418	ug/l #	90
55) 1,1,2-Trichloroethane	8.393	97	3598	2.716	ug/l	89
56) Ethyl methacrylate	8.332	69	5583	2.612	ug/l	89
57) 1,3-Dichloropropane	8.573	76	5976	2.736	ug/l #	88
59) 2-Hexanone	8.683	43	28758	15.990	ug/l	95
60) Dibromochloromethane	8.802	129	3330	2.244	ug/l	99
61) 1,2-Dibromoethane	8.917	107	3573	2.748	ug/l	97
64) Tetrachloroethene	8.544	164	3125	2.414	ug/l #	61
65) Chlorobenzene	9.438	112	10625	2.937	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.525	131	2711	2.185	ug/l	84
67) Ethyl Benzene	9.564	91	17509	2.816	ug/l	100
68) m/p-Xylenes	9.689	106	13437	5.662	ug/l	100
69) o-Xylene	10.094	106	6442	2.670	ug/l	99
70) Styrene	10.113	104	9968	2.598	ug/l	98
71) Bromoform	10.281	173	2286	2.114	ug/l #	95
73) Isopropylbenzene	10.477	105	17037	2.849	ug/l	99
74) N-amyl acetate	10.319	43	8439	3.147	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.776	83	6149	2.794	ug/l	93
76) 1,2,3-Trichloropropane	10.814	75	6969	2.993	ug/l #	81
77) Bromobenzene	10.776	156	4311	2.941	ug/l	91
78) n-propylbenzene	10.898	91	19615	2.829	ug/l	99
79) 2-Chlorotoluene	10.978	91	12552	2.886	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	14403	2.754	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.625	75	44821	96.007	ug/l #	12
82) 4-Chlorotoluene	11.091	91	13603	2.755	ug/l	98
83) tert-Butylbenzene	11.412	119	13547	2.701	ug/l	95
84) 1,2,4-Trimethylbenzene	11.461	105	14027	2.731	ug/l	98
85) sec-Butylbenzene	11.634	105	19099	2.886	ug/l	96
86) p-Isopropyltoluene	11.785	119	15241	2.839	ug/l	99
87) 1,3-Dichlorobenzene	11.744	146	7662	2.713	ug/l	92
88) 1,4-Dichlorobenzene	11.830	146	9305	3.232	ug/l	90
89) n-Butylbenzene	12.203	91	15235	3.066	ug/l	97
90) Hexachloroethane	12.464	117	2301	2.563	ug/l	88
91) 1,2-Dichlorobenzene	12.210	146	7775	2.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.994	75	1434	2.751	ug/l	97
93) 1,2,4-Trichlorobenzene	13.840	180	5767	3.270	ug/l	97
94) Hexachlorobutadiene	14.010	225	1962	2.602	ug/l	92
95) Naphthalene	14.088	128	24255	4.199	ug/l	98
96) 1,2,3-Trichlorobenzene	14.325	180	5856	3.379	ug/l	94

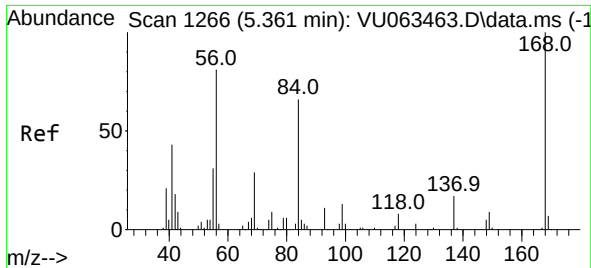
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
Data File : VU063489.D
Acq On : 11 Jul 2025 11:39
Operator : MD/SY
Sample : MDL05
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Quant Time: Jul 12 03:48:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

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

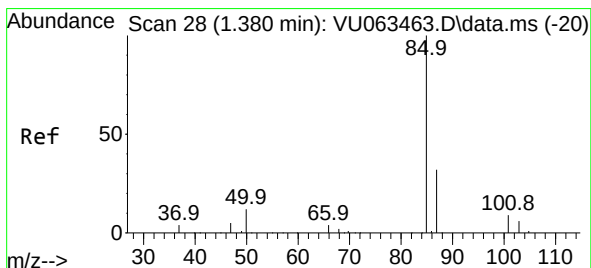
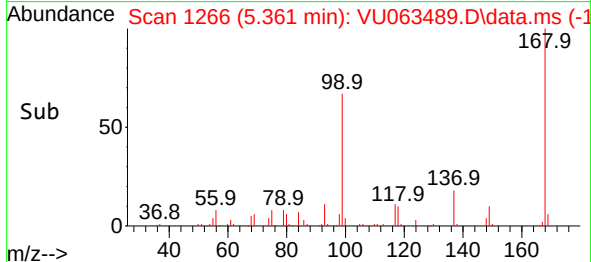
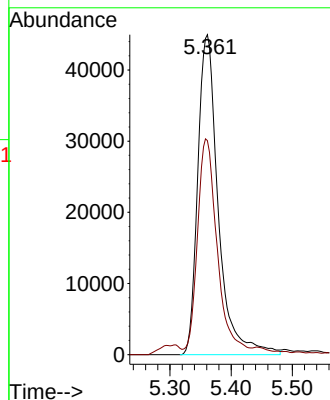
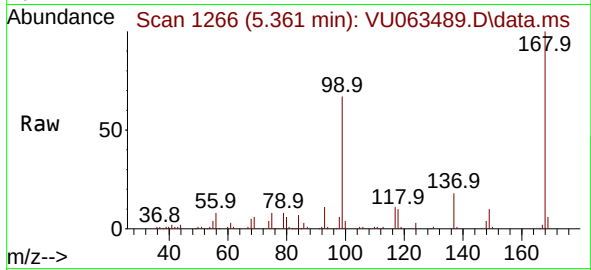
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

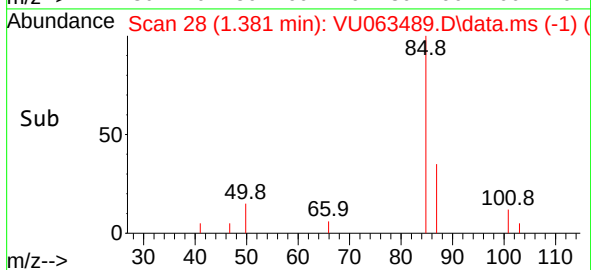
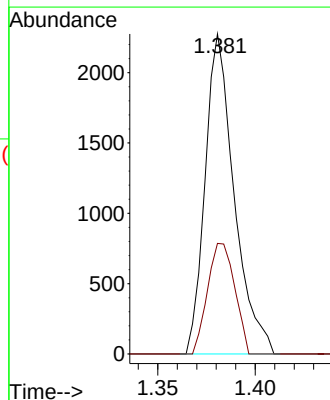
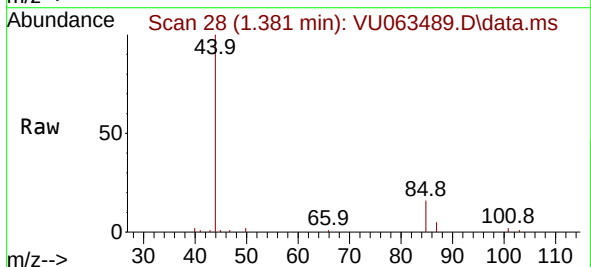
Instrument :
MSVOA_U
ClientSampleId :
MDL05

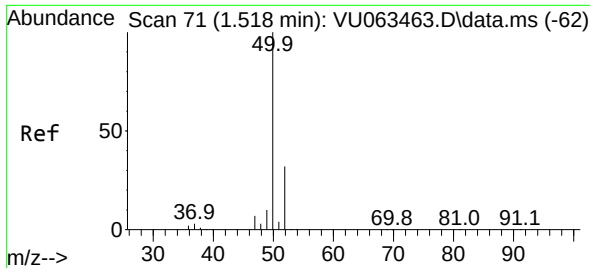
Tgt Ion:168 Resp: 104638
Ion Ratio Lower Upper
168 100
99 65.9 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.830 ug/l
RT: 1.381 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 85 Resp: 2355
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2

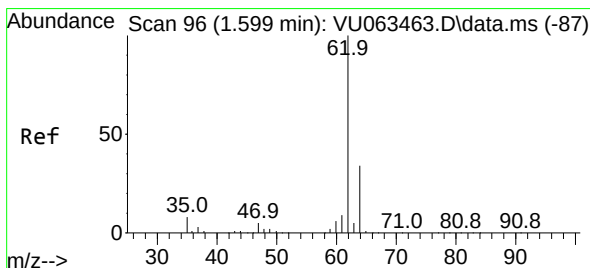
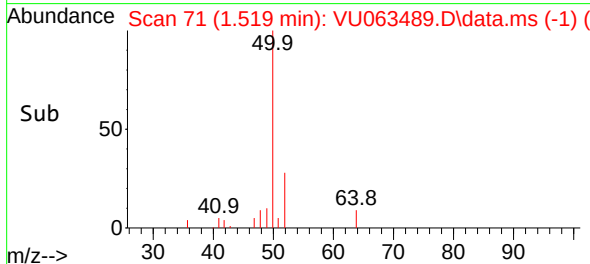
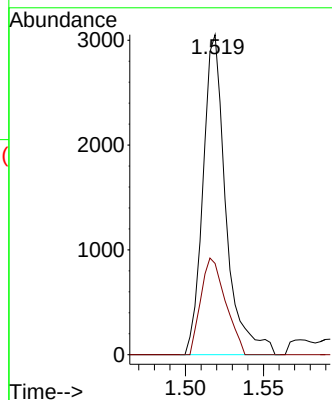
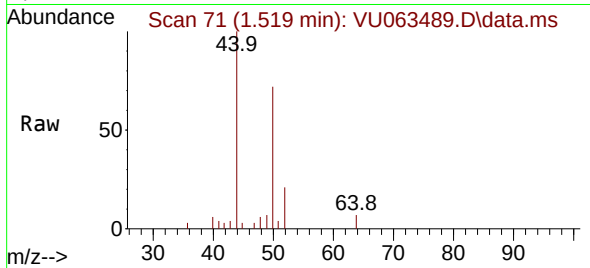




#3
Chloromethane
Concen: 3.076 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.001 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

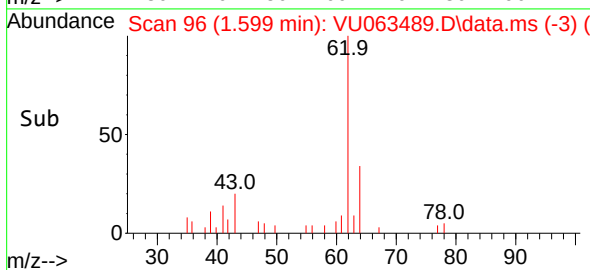
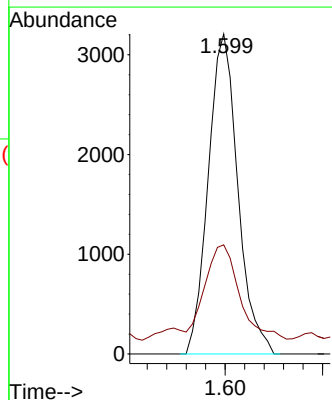
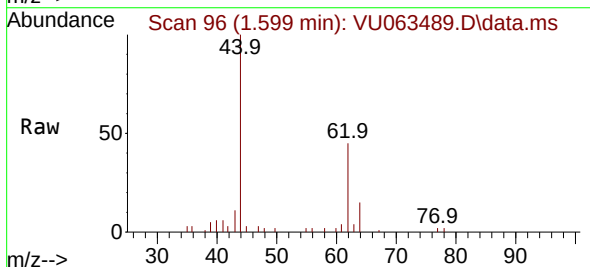
Instrument :
MSVOA_U
ClientSampleId :
MDL05

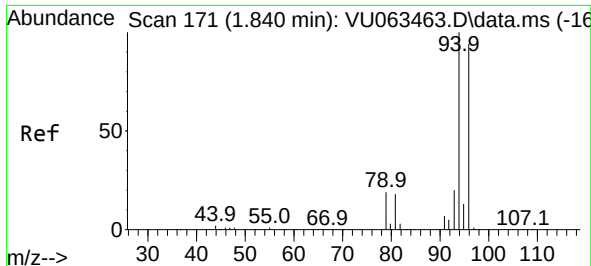
Tgt Ion: 50 Resp: 3118
Ion Ratio Lower Upper
50 100
52 28.5 25.8 38.8



#4
Vinyl Chloride
Concen: 3.011 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 62 Resp: 3384
Ion Ratio Lower Upper
62 100
64 28.4 26.9 40.3

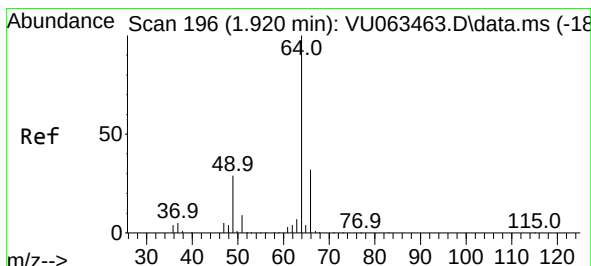
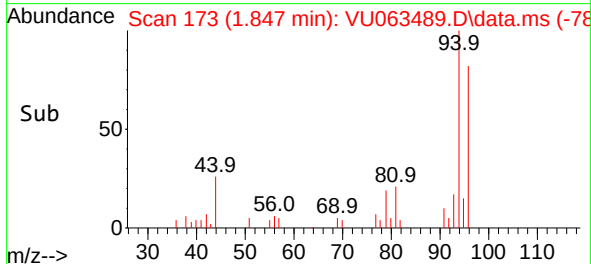
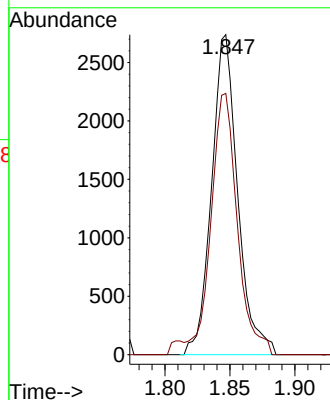
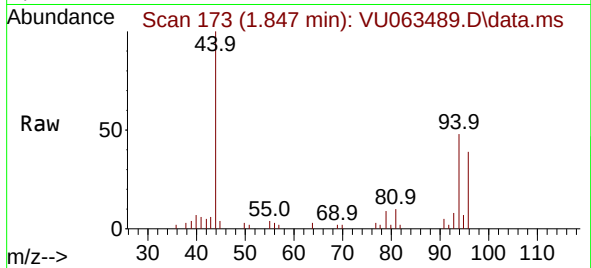




#5
Bromomethane
Concen: 4.860 ug/l
RT: 1.847 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

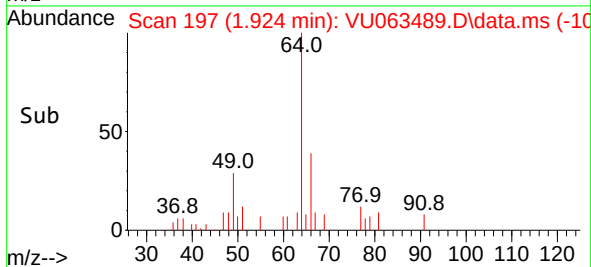
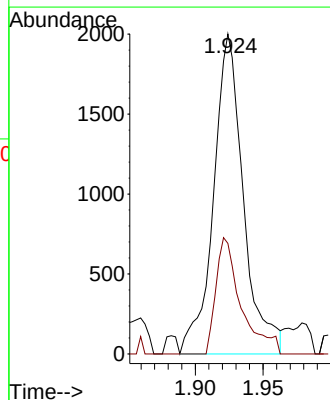
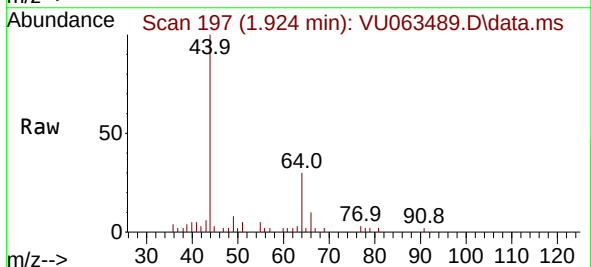
Instrument :
MSVOA_U
ClientSampleId :
MDL05

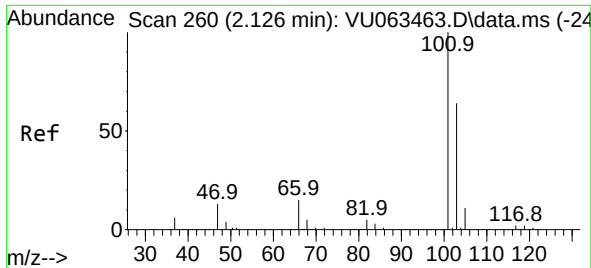
Tgt Ion: 94 Resp: 3827
Ion Ratio Lower Upper
94 100
96 81.6 75.5 113.3



#6
Chloroethane
Concen: 3.770 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 64 Resp: 3070
Ion Ratio Lower Upper
64 100
66 34.5 25.3 37.9

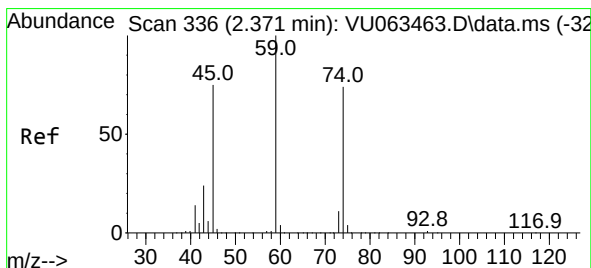
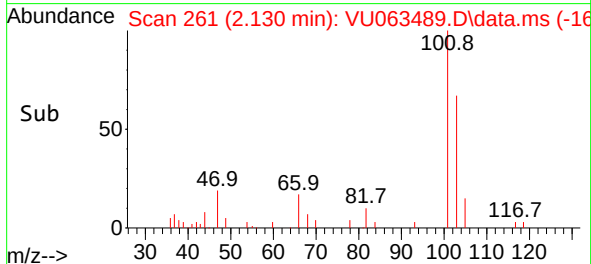
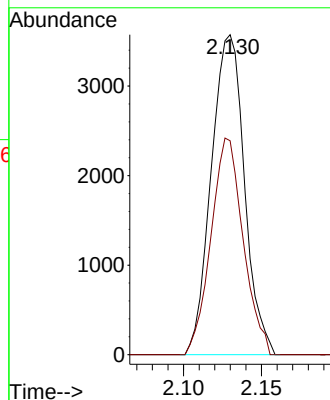
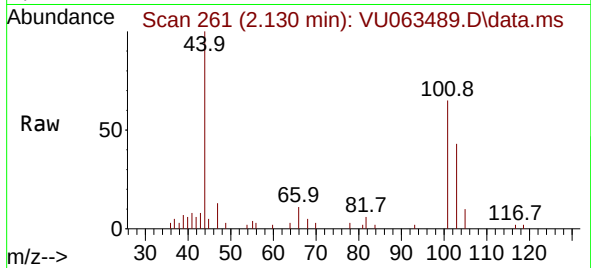




#7
Trichlorofluoromethane
Concen: 2.916 ug/l
RT: 2.130 min Scan# 261
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

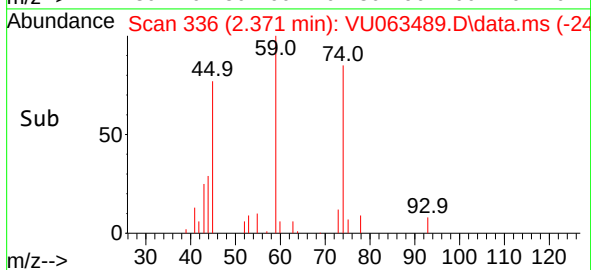
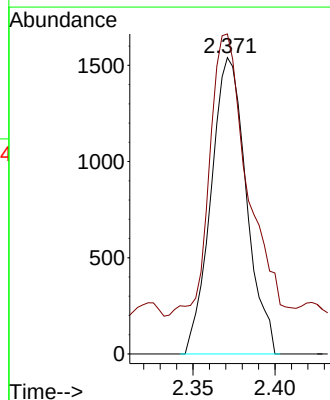
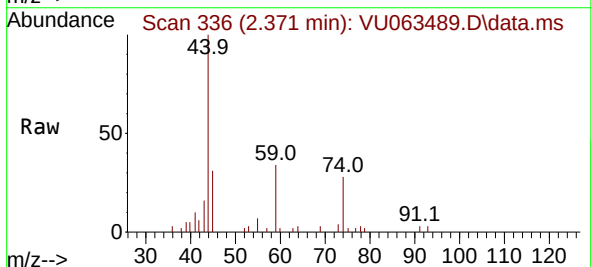
Instrument :
MSVOA_U
ClientSampleId :
MDL05

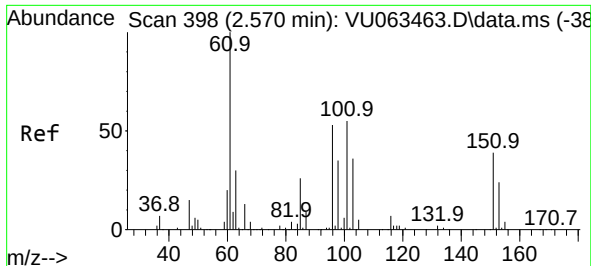
Tgt Ion:101 Resp: 5288
Ion Ratio Lower Upper
101 100
103 66.9 51.1 76.7



#8
Diethyl Ether
Concen: 3.050 ug/l
RT: 2.371 min Scan# 336
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 74 Resp: 2305
Ion Ratio Lower Upper
74 100
45 101.1 49.7 149.1

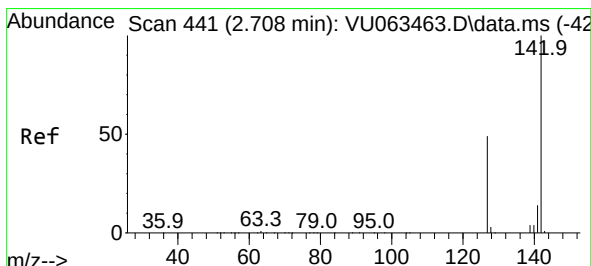
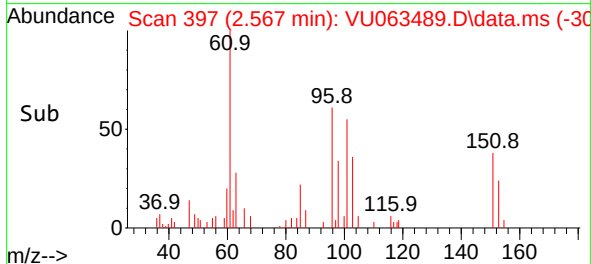
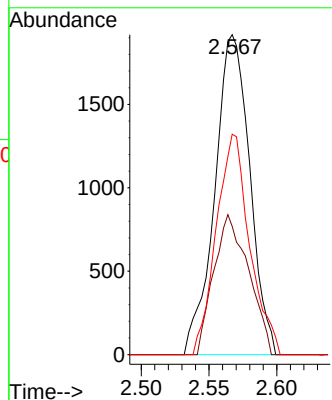
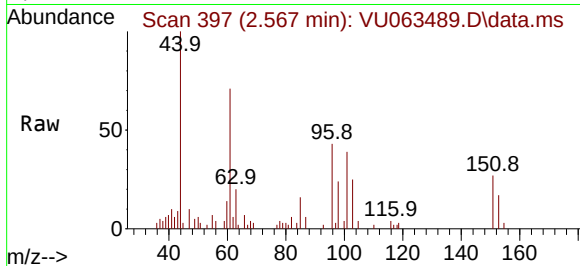




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.211 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

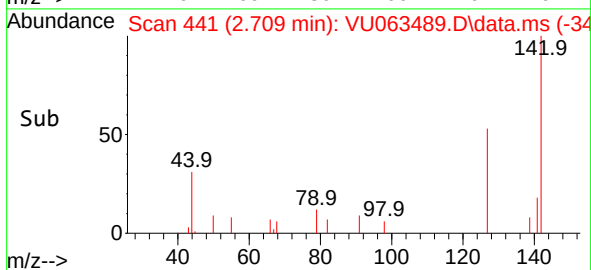
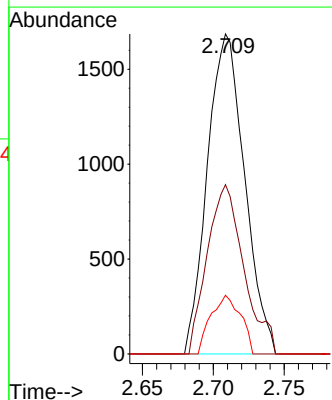
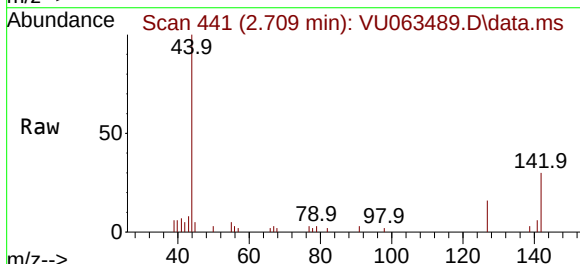
Instrument :
MSVOA_U
ClientSampleId :
MDL05

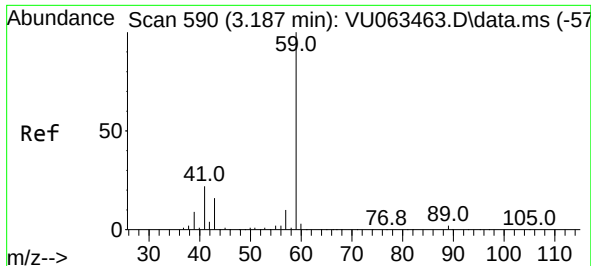
Tgt Ion:101 Resp: 3444
Ion Ratio Lower Upper
101 100
85 43.7 39.6 59.4
151 65.6 57.2 85.8



#10
Methyl Iodide
Concen: 2.748 ug/l
RT: 2.709 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:142 Resp: 3078
Ion Ratio Lower Upper
142 100
127 51.9 38.2 57.4
141 14.7 11.1 16.7

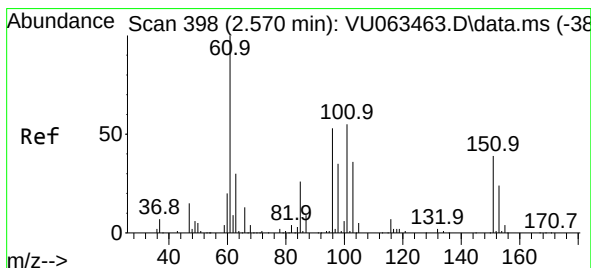
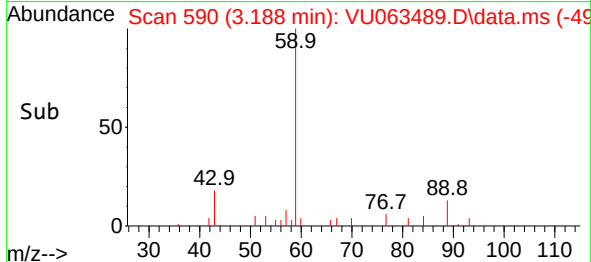
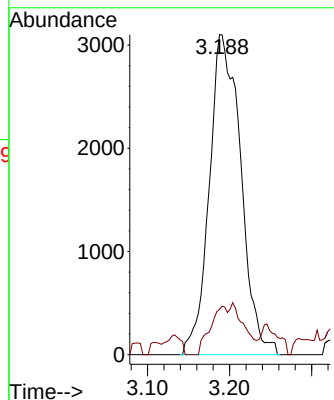
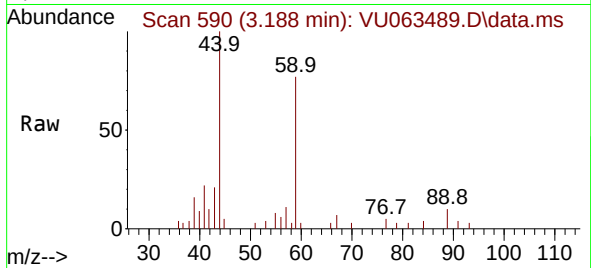




#11
Tert butyl alcohol
Concen: 18.460 ug/l
RT: 3.188 min Scan# 590
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

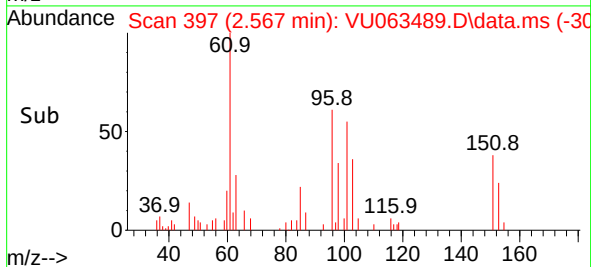
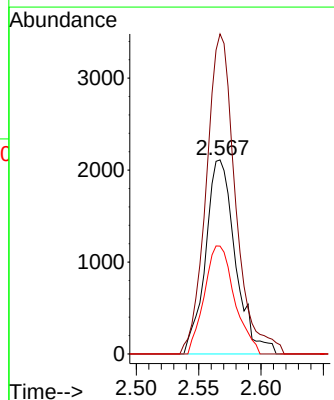
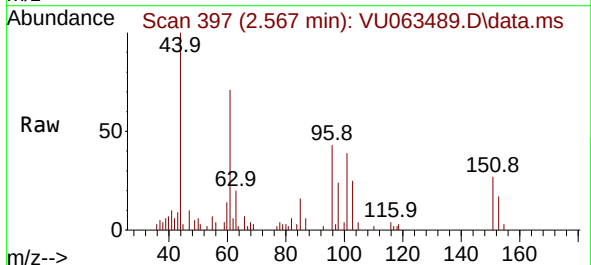
Instrument :
MSVOA_U
ClientSampleId :
MDL05

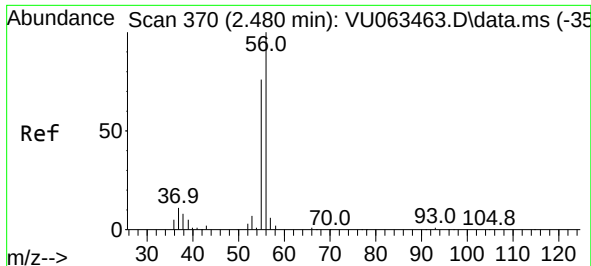
Tgt Ion: 59 Resp: 8263
Ion Ratio Lower Upper
59 100
57 8.3 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 3.524 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 96 Resp: 3518
Ion Ratio Lower Upper
96 100
61 164.9 149.6 224.4
98 55.6 52.0 78.0





#13

Acrolein

Concen: 15.147 ug/l

RT: 2.480 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

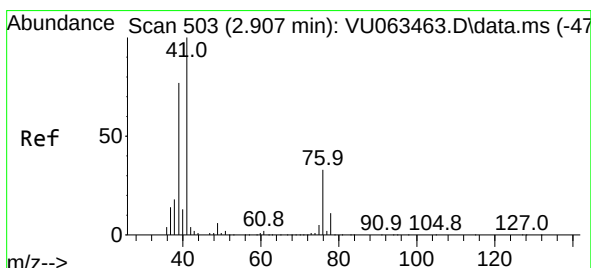
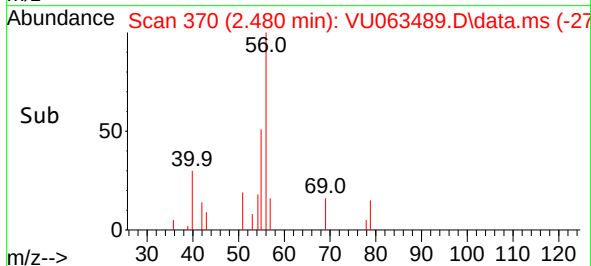
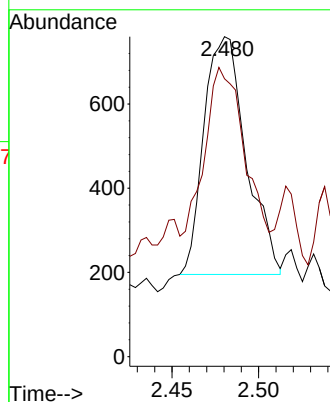
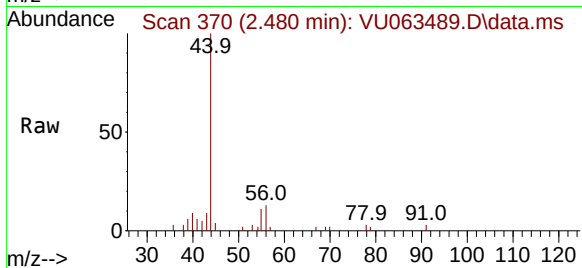
MDL05

Tgt Ion: 56 Resp: 957

Ion Ratio Lower Upper

56 100

55 69.0 60.2 90.2



#14

Allyl chloride

Concen: 3.014 ug/l

RT: 2.908 min Scan# 503

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

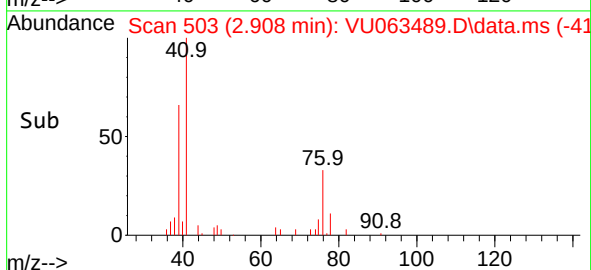
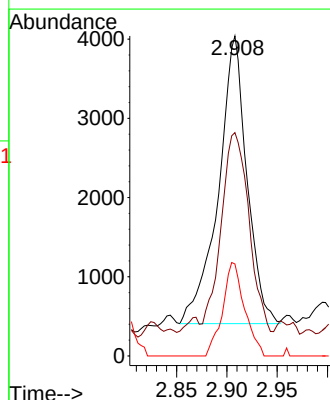
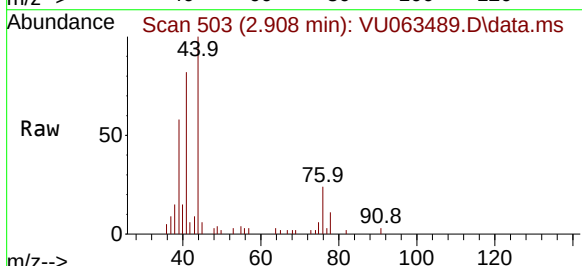
Tgt Ion: 41 Resp: 7163

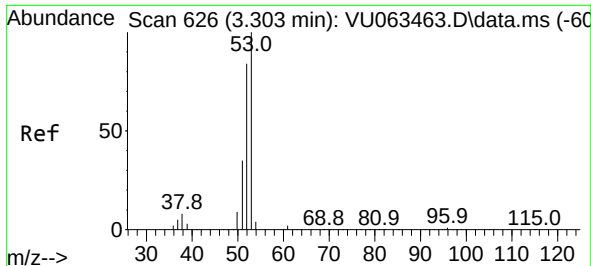
Ion Ratio Lower Upper

41 100

39 70.1 53.9 80.9

76 24.9 23.1 34.7

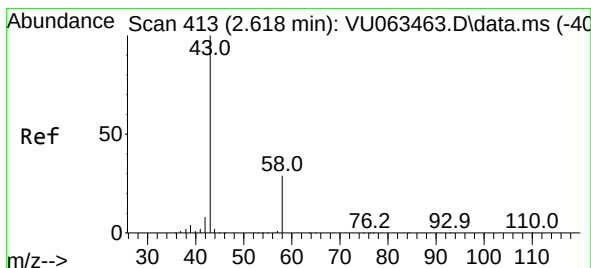
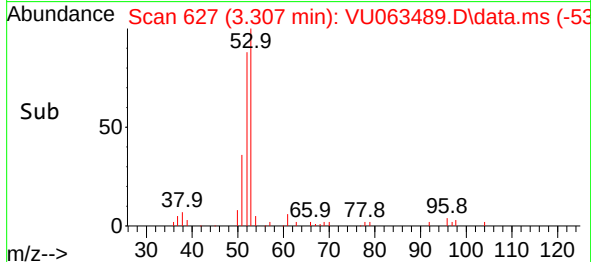
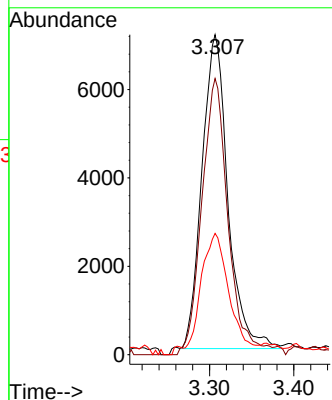
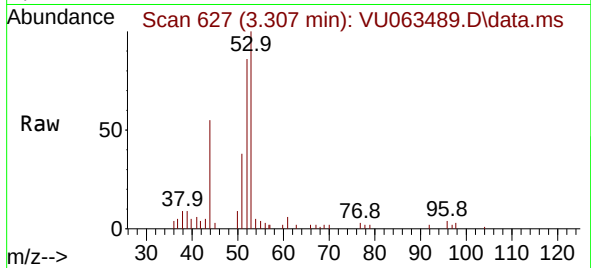




#15
Acrylonitrile
Concen: 15.876 ug/l
RT: 3.307 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

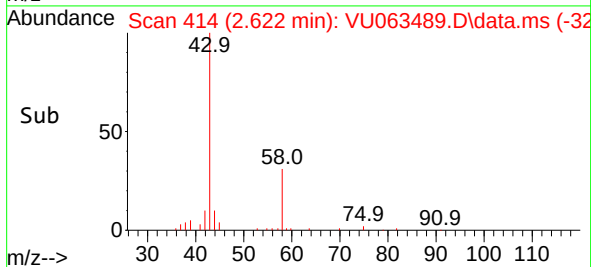
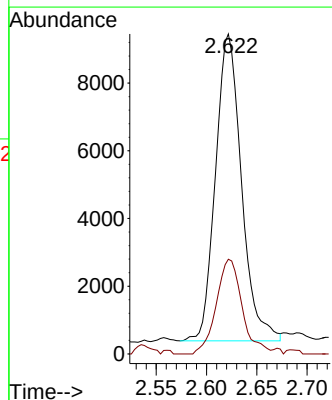
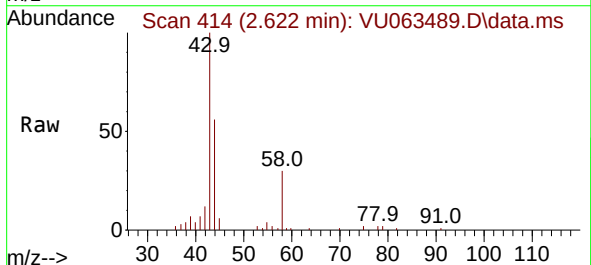
Instrument :
MSVOA_U
ClientSampleId :
MDL05

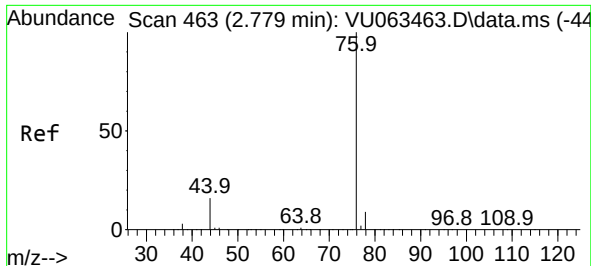
Tgt Ion: 53 Resp: 15222
Ion Ratio Lower Upper
53 100
52 89.6 65.0 97.4
51 38.9 28.8 43.2



#16
Acetone
Concen: 14.530 ug/l
RT: 2.622 min Scan# 414
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 43 Resp: 16273
Ion Ratio Lower Upper
43 100
58 30.8 23.1 34.7

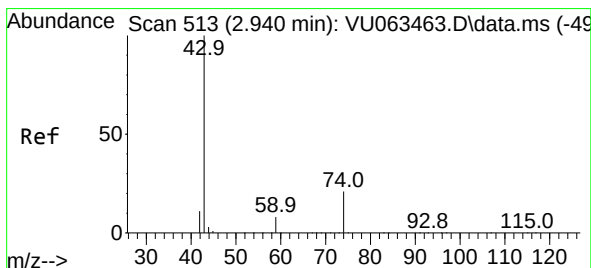
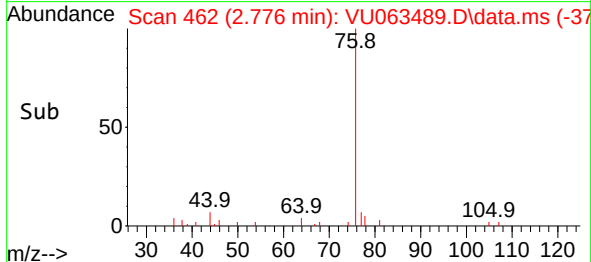
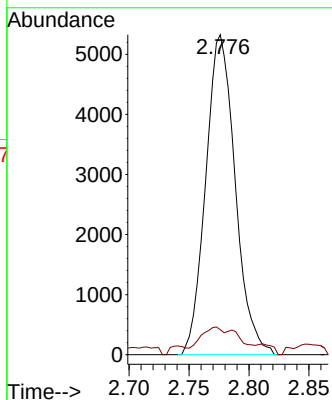
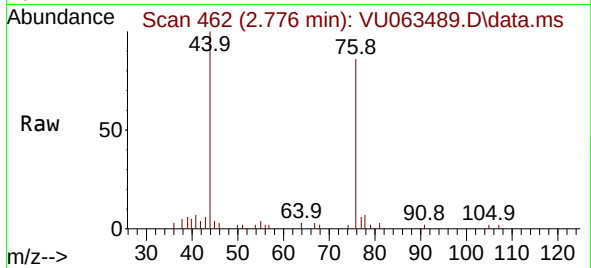




#17
Carbon Disulfide
Concen: 3.816 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

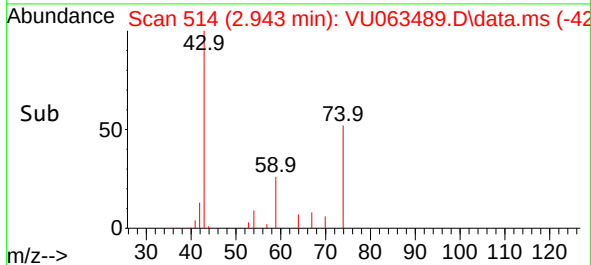
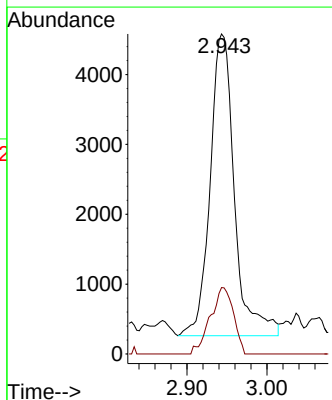
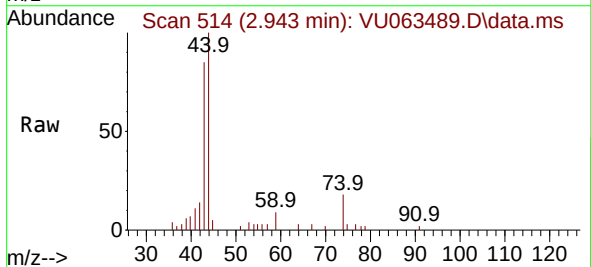
Instrument :
MSVOA_U
ClientSampleId :
MDL05

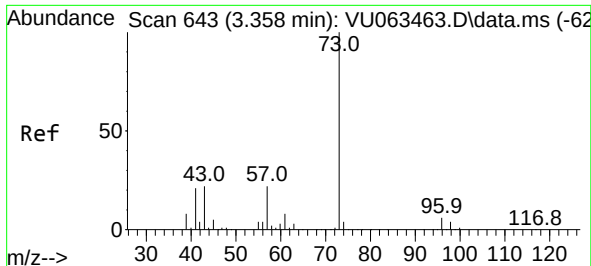
Tgt Ion: 76 Resp: 9107
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: 3.166 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 43 Resp: 9125
Ion Ratio Lower Upper
43 100
74 20.9 17.3 25.9

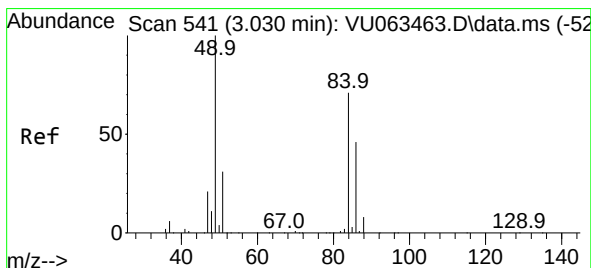
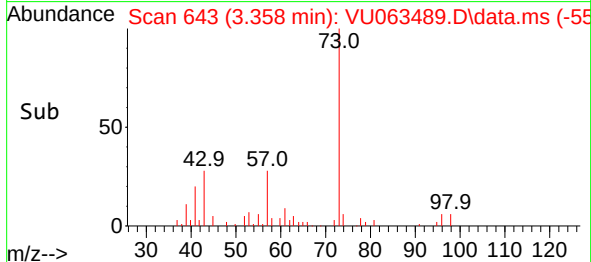
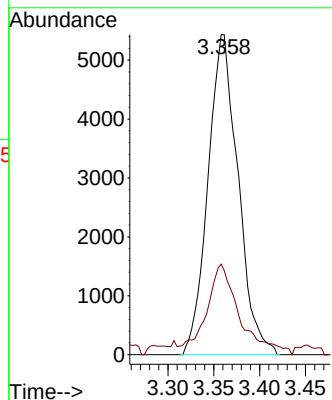
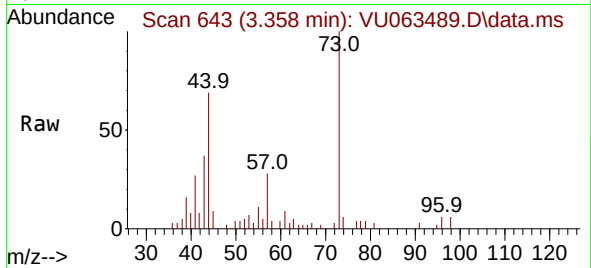




#19
Methyl tert-butyl Ether
Concen: 2.880 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

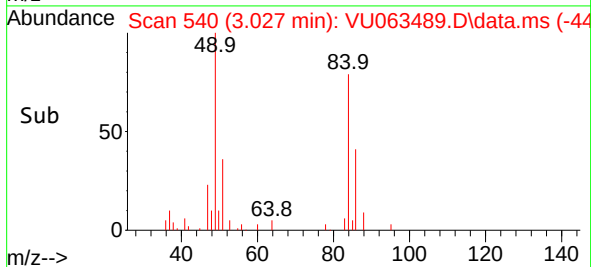
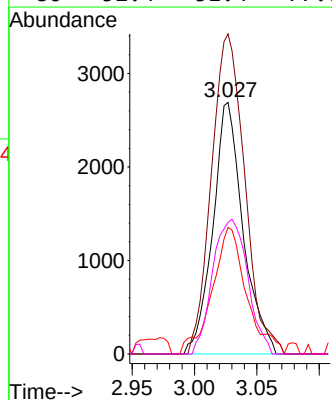
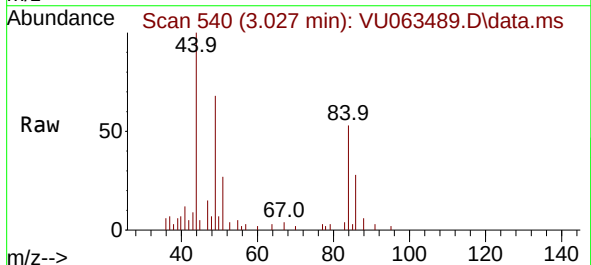
Instrument :
MSVOA_U
ClientSampleId :
MDL05

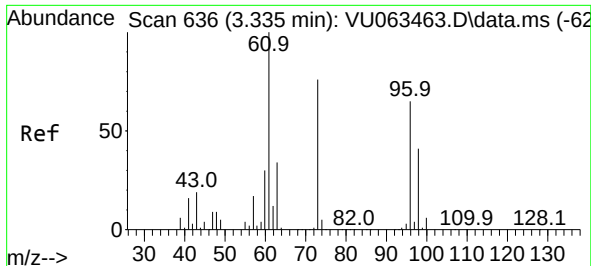
Tgt Ion: 73 Resp: 12399
Ion Ratio Lower Upper
73 100
57 25.9 17.8 26.6



#20
Methylene Chloride
Concen: 2.778 ug/l
RT: 3.027 min Scan# 540
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 84 Resp: 4537
Ion Ratio Lower Upper
84 100
49 127.2 112.1 168.1
51 50.3 34.4 51.6
86 52.4 51.4 77.0

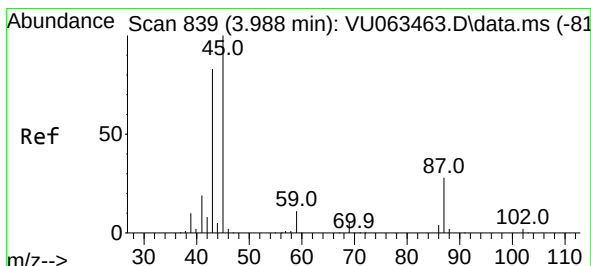
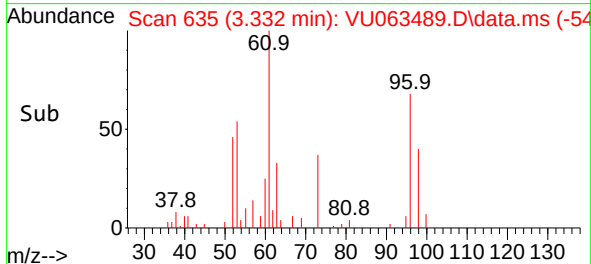
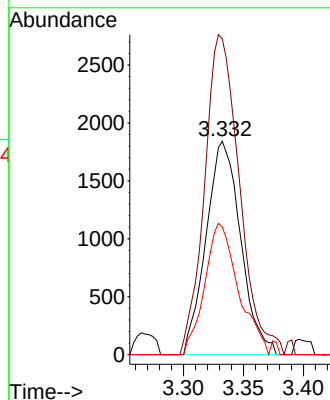
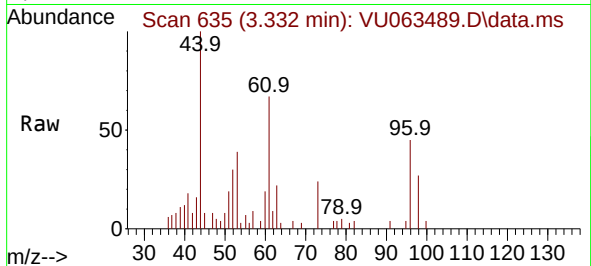




#21
trans-1,2-Dichloroethene
Concen: 3.448 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

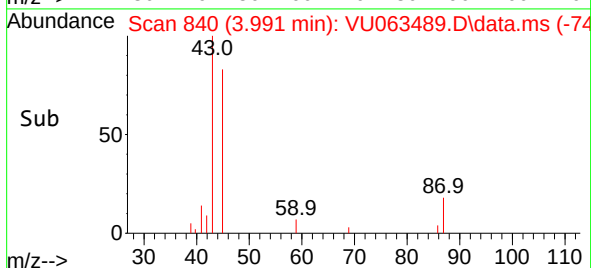
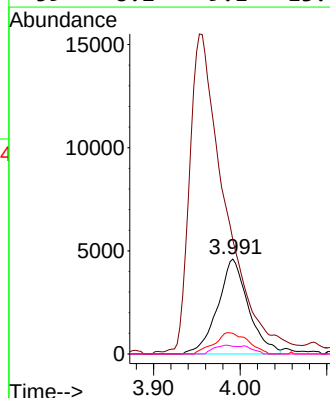
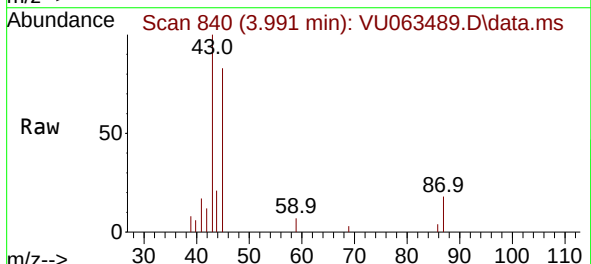
Instrument :
MSVOA_U
ClientSampleId :
MDL05

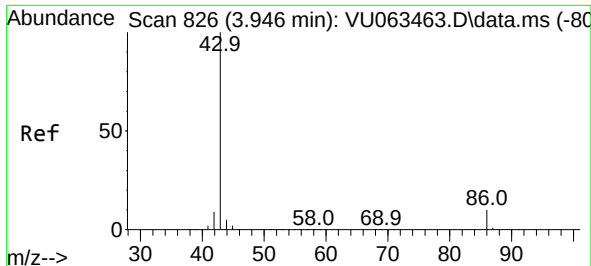
Tgt Ion: 96 Resp: 3698
Ion Ratio Lower Upper
96 100
61 147.9 122.2 183.4
98 59.8 49.9 74.9



#22
Diisopropyl ether
Concen: 2.793 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 45 Resp: 11300
Ion Ratio Lower Upper
45 100
43 103.5 66.5 99.7#
87 21.7 22.6 33.8#
59 8.2 9.1 13.7#

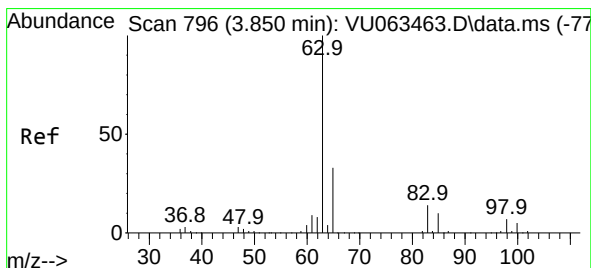
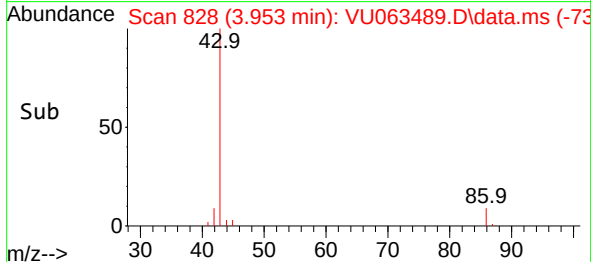
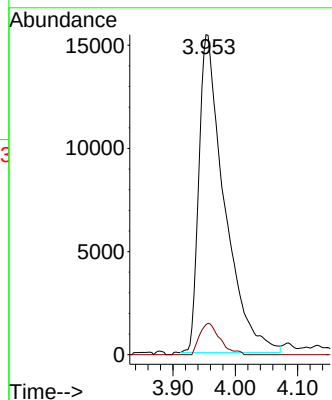
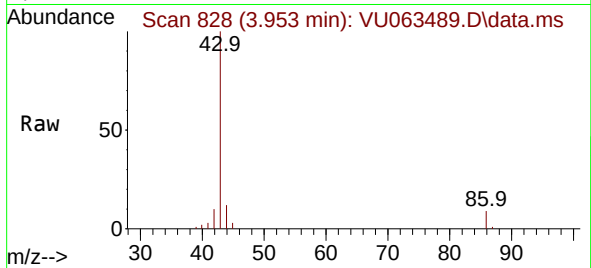




#23
 Vinyl Acetate
 Concen: 13.908 ug/l
 RT: 3.953 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

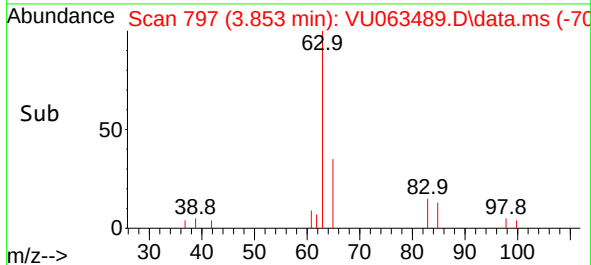
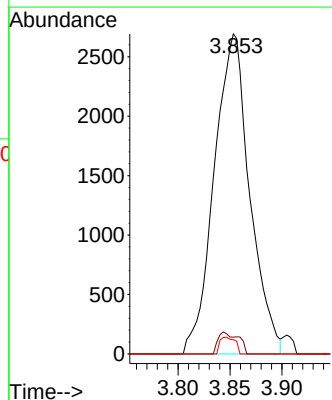
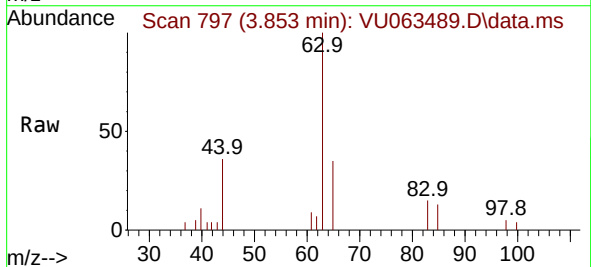
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

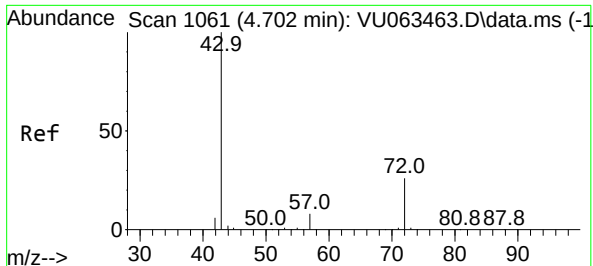
Tgt Ion: 43 Resp: 43665
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.789 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.004 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion: 63 Resp: 6404
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.6 10.9
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 13.437 ug/l

RT: 4.721 min Scan# 1067

Delta R.T. 0.020 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

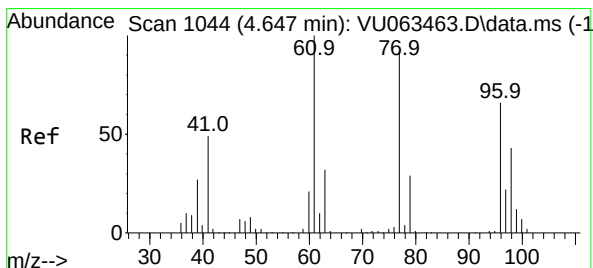
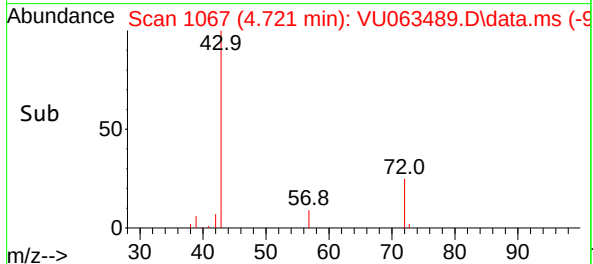
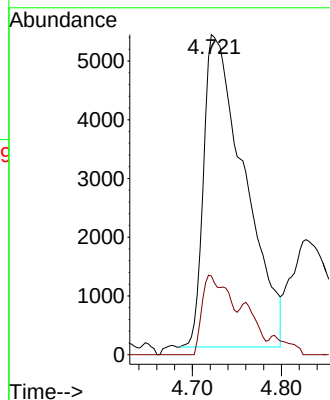
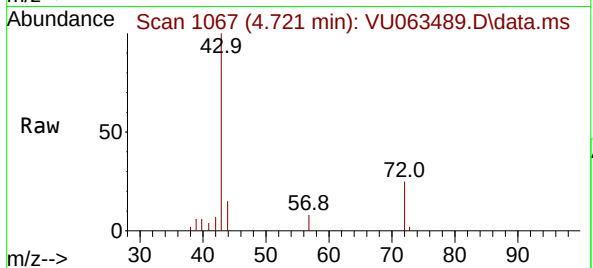
MDL05

Tgt Ion: 43 Resp: 16893

Ion Ratio Lower Upper

43 100

72 25.2 20.7 31.1



#26

2,2-Dichloropropane

Concen: 2.395 ug/l

RT: 4.651 min Scan# 1045

Delta R.T. 0.004 min

Lab File: VU063489.D

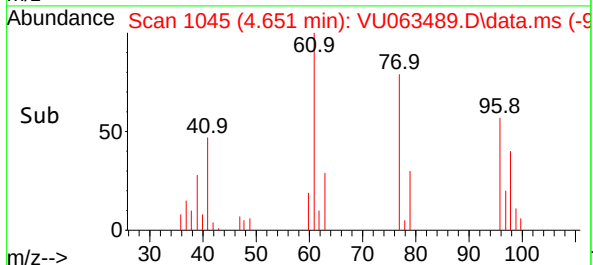
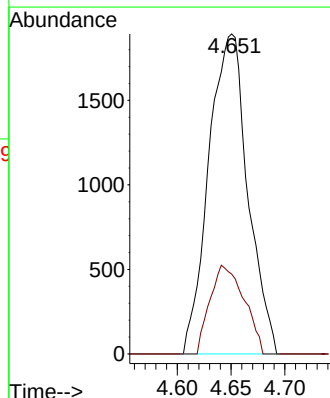
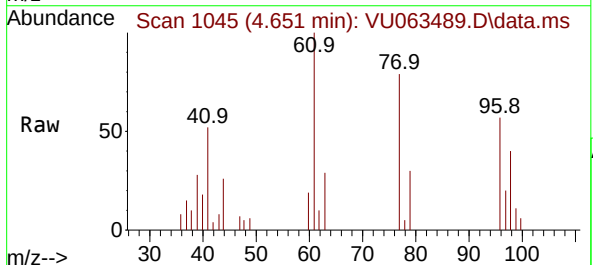
Acq: 11 Jul 2025 11:39

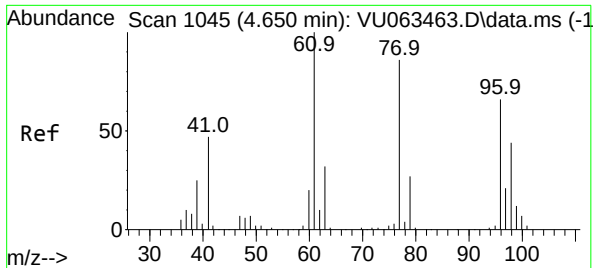
Tgt Ion: 77 Resp: 4784

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3

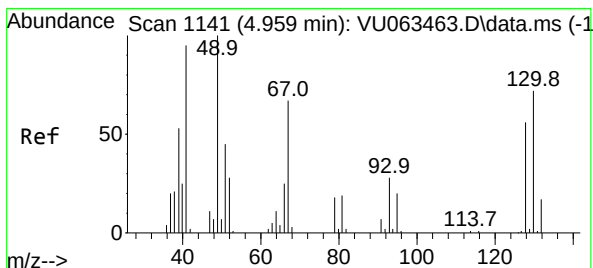
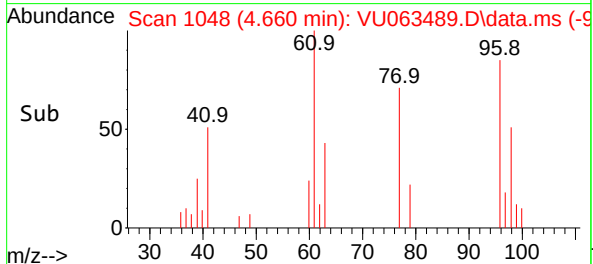
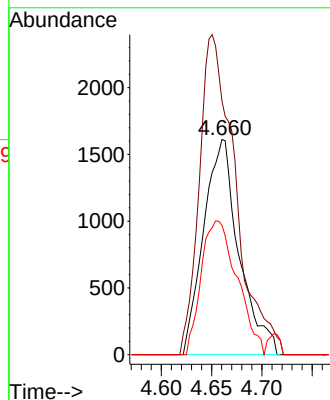
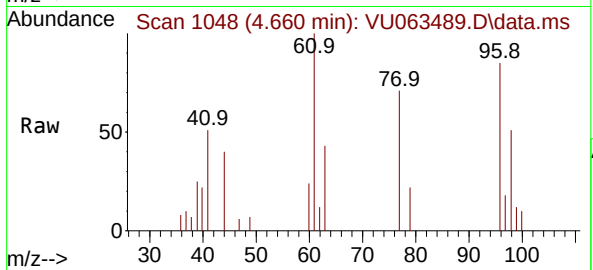




#27
 cis-1,2-Dichloroethene
 Concen: 2.784 ug/l
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.010 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

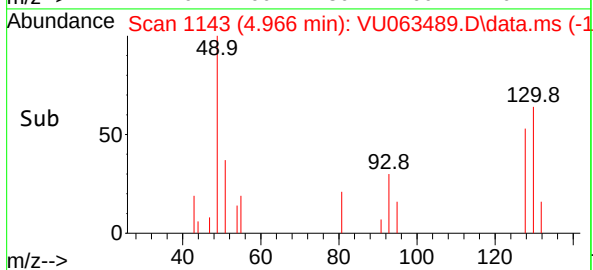
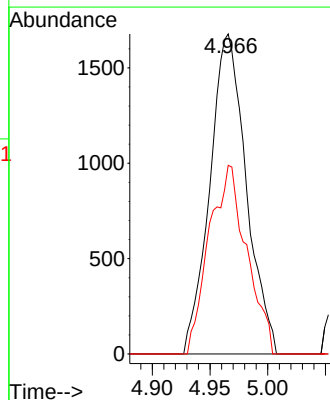
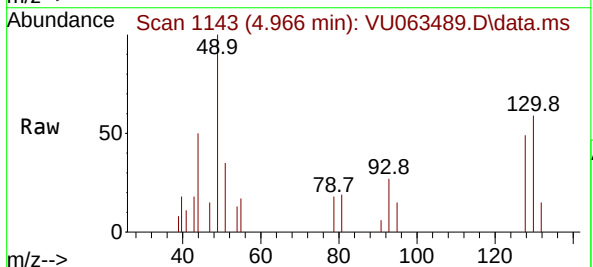
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

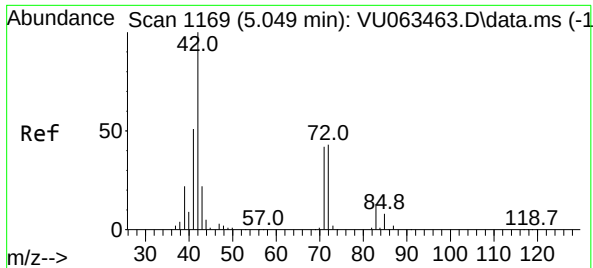
Tgt Ion:	96	Resp:	3942
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	307.2
98	63.3	0.0	133.0



#28
 Bromochloromethane
 Concen: 3.412 ug/l
 RT: 4.966 min Scan# 1143
 Delta R.T. 0.007 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion:	49	Resp:	3681
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	60.9	59.0	88.4

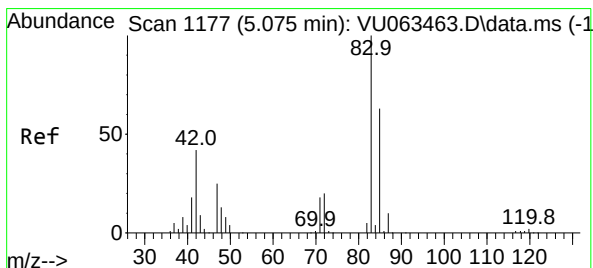
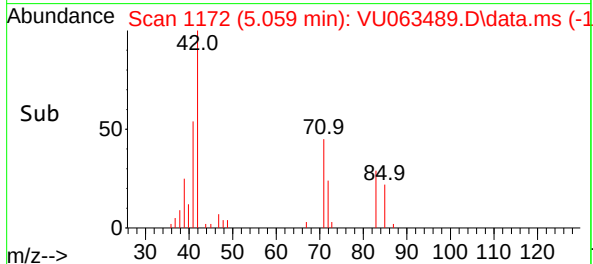
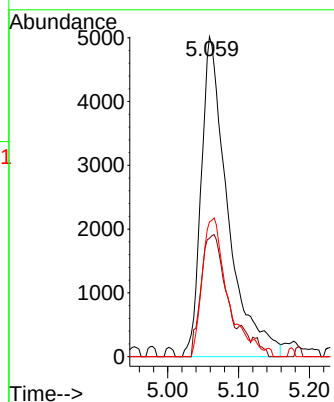
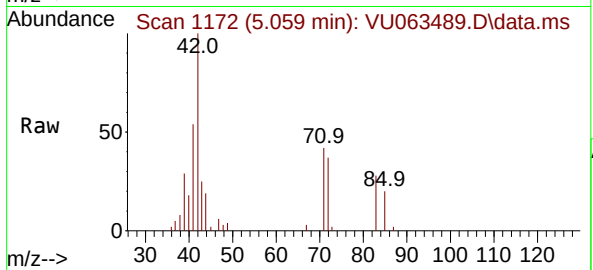




#29
Tetrahydrofuran
Concen: 16.455 ug/l
RT: 5.059 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

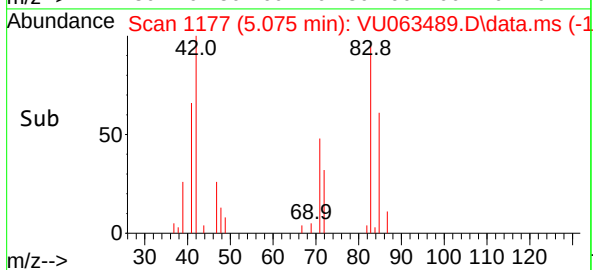
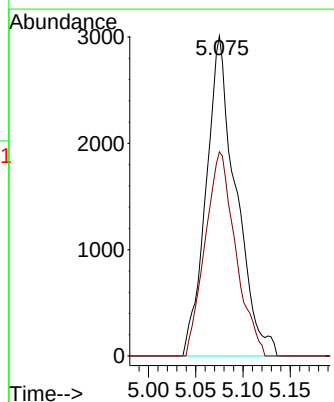
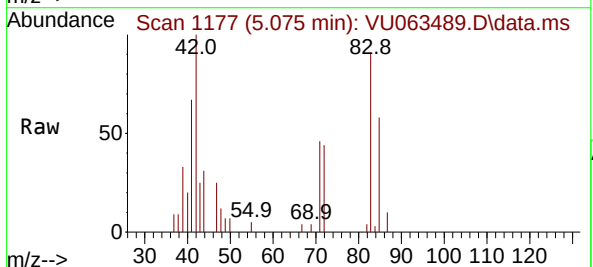
Instrument :
MSVOA_U
ClientSampleId :
MDL05

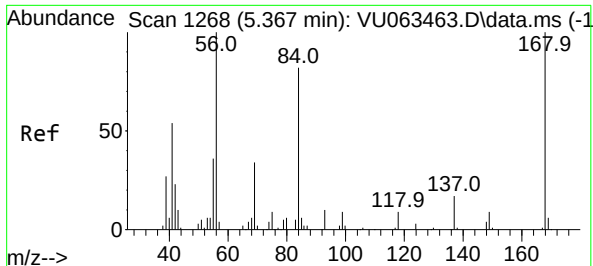
Tgt Ion: 42 Resp: 13050
Ion Ratio Lower Upper
42 100
72 34.8 36.2 54.4#
71 41.4 33.3 49.9



#30
Chloroform
Concen: 2.721 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 83 Resp: 6598
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1

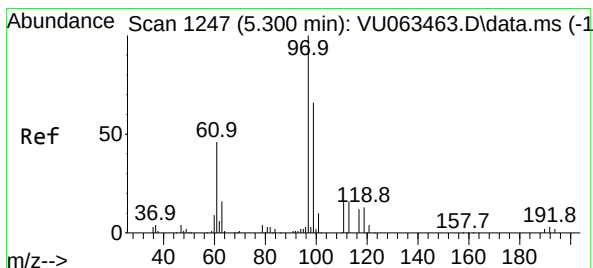
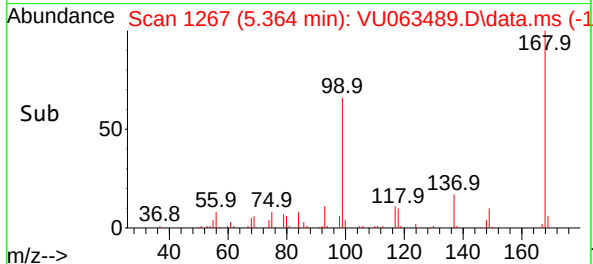
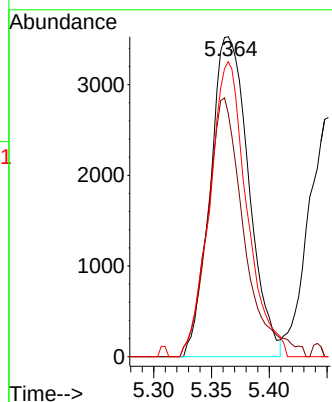
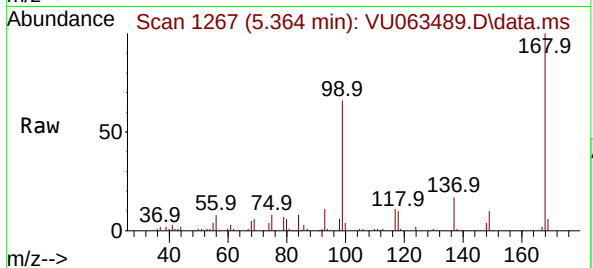




#31
Cyclohexane
Concen: 4.430 ug/l
RT: 5.364 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

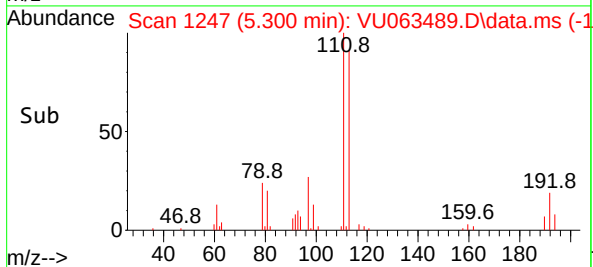
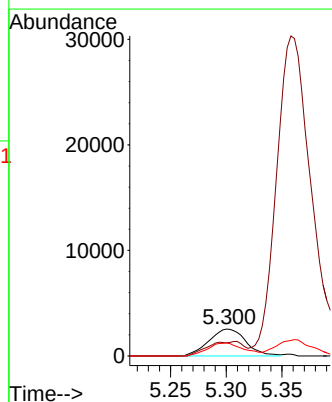
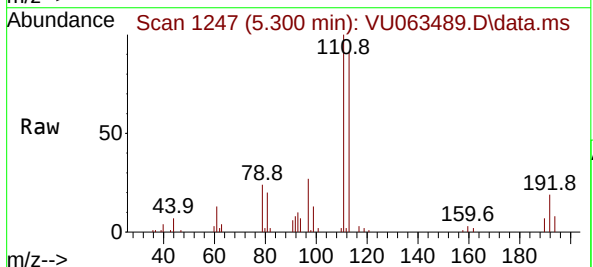
Instrument :
MSVOA_U
ClientSampleId :
MDL05

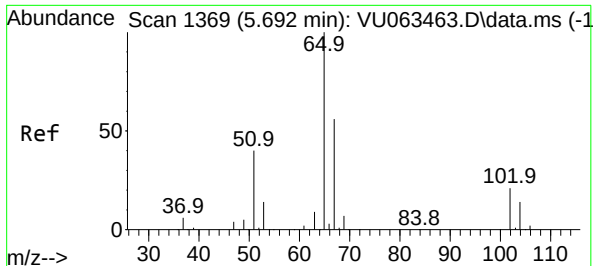
Tgt Ion: 56 Resp: 8178
Ion Ratio Lower Upper
56 100
69 76.1 27.0 40.4#
84 92.2 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.856 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 97 Resp: 5895
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 47.4 36.3 54.5

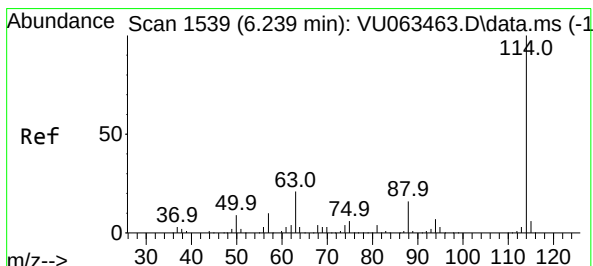
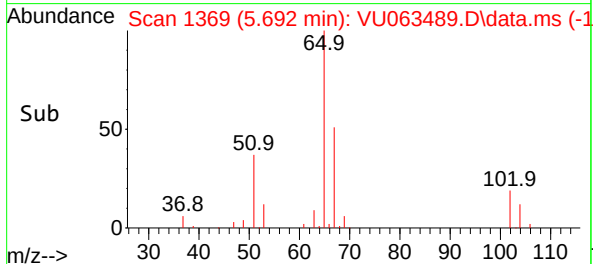
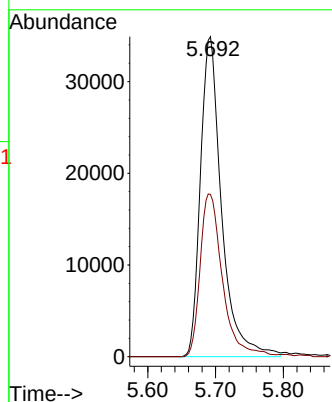
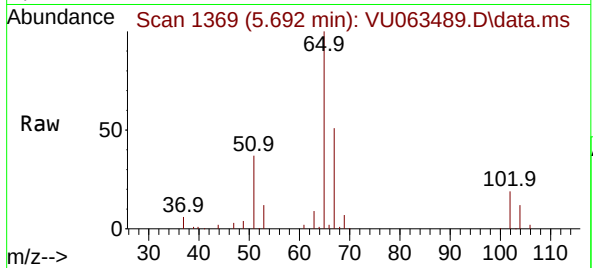




#33
 1,2-Dichloroethane-d4
 Concen: 56.637 ug/l
 RT: 5.692 min Scan# 1369
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

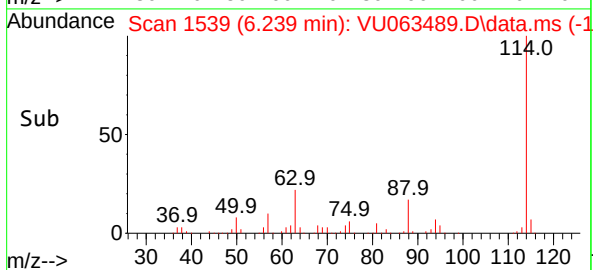
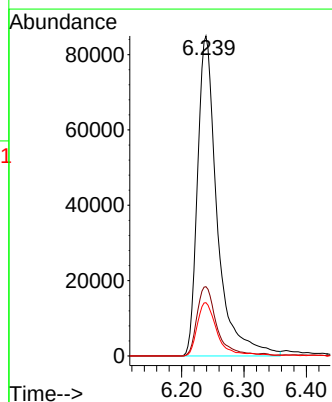
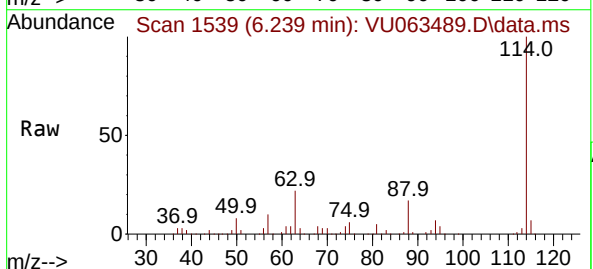
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

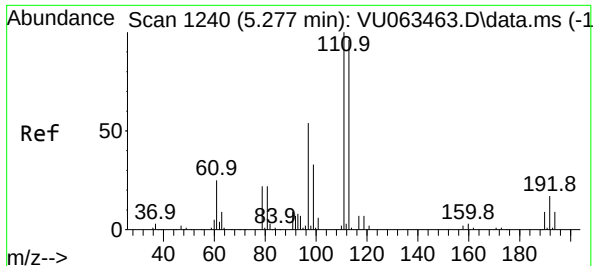
Tgt Ion: 65 Resp: 75614
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.239 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion: 114 Resp: 186461
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.6
 88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.995 ug/l

RT: 5.278 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

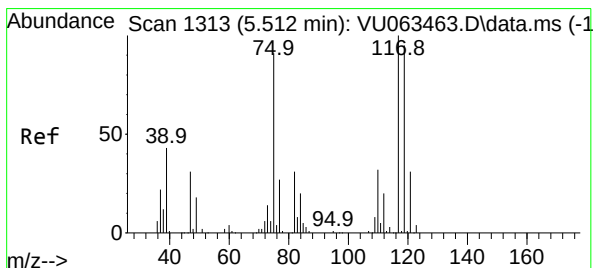
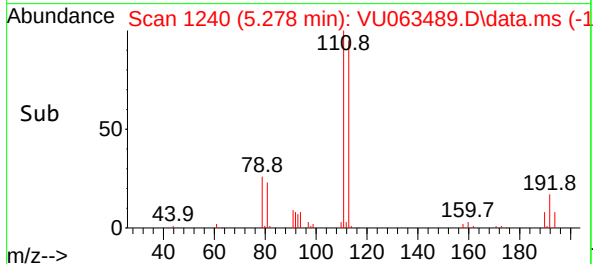
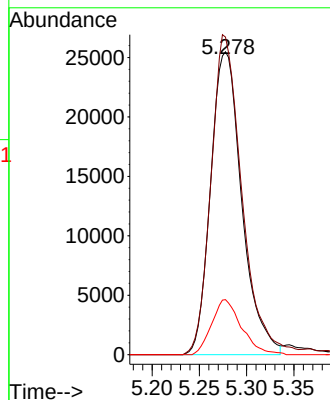
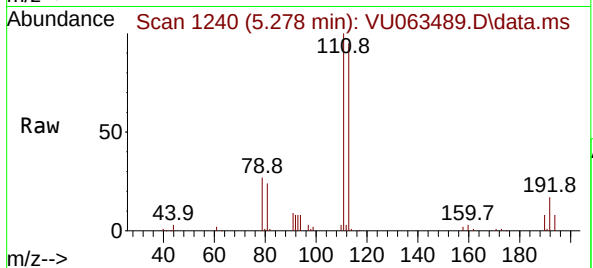
Tgt Ion:113 Resp: 58440

Ion Ratio Lower Upper

113 100

111 104.7 82.1 123.1

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 3.218 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

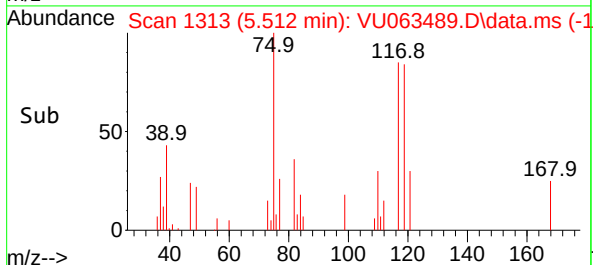
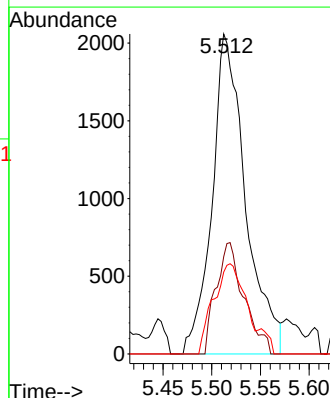
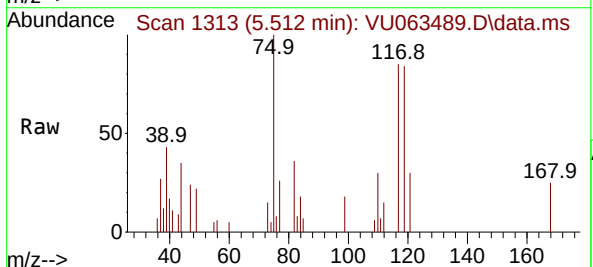
Tgt Ion: 75 Resp: 4914

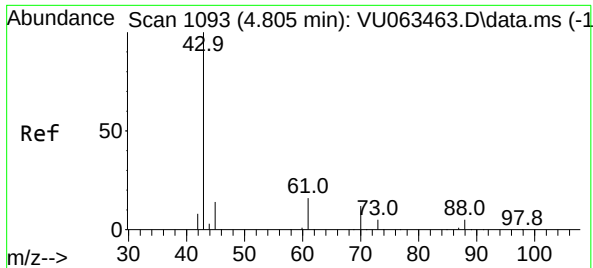
Ion Ratio Lower Upper

75 100

110 29.0 17.3 52.0

77 29.0 23.9 35.9





#37

Ethyl Acetate

Concen: 1.877 ug/l

RT: 4.827 min Scan# 1100

Delta R.T. 0.023 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

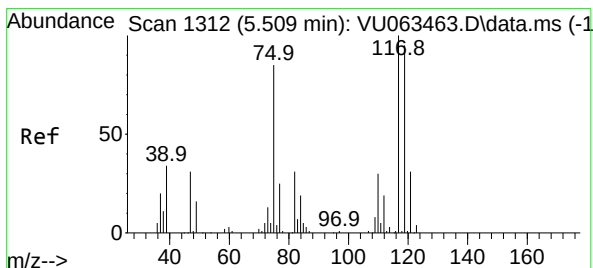
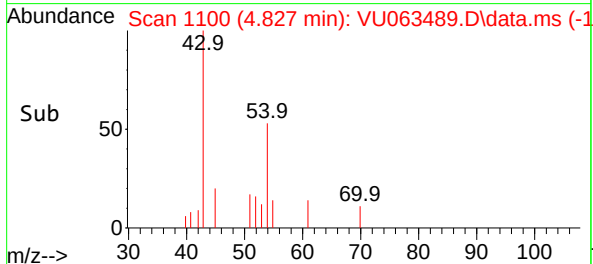
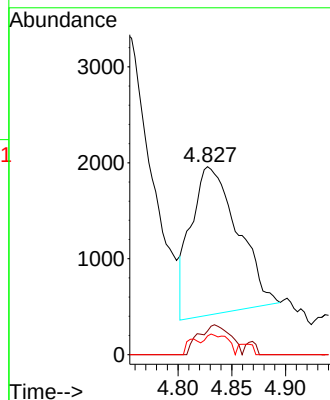
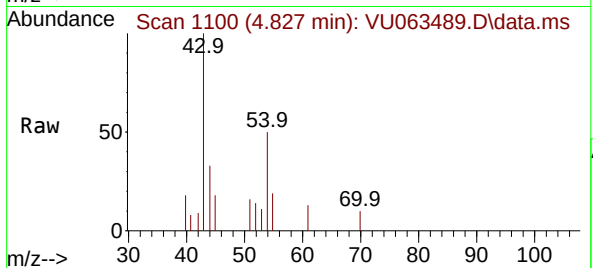
Tgt Ion: 43 Resp: 4643

Ion Ratio Lower Upper

43 100

61 13.6 10.4 15.6

70 6.7 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.748 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

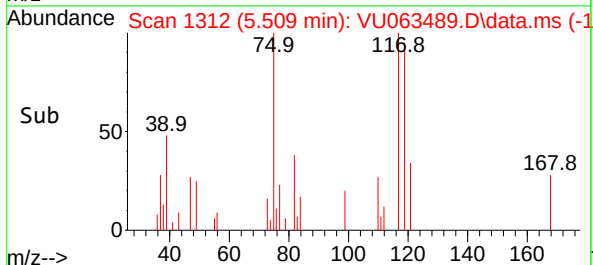
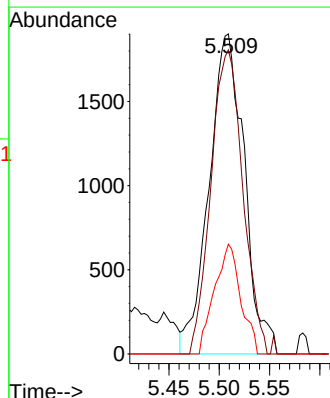
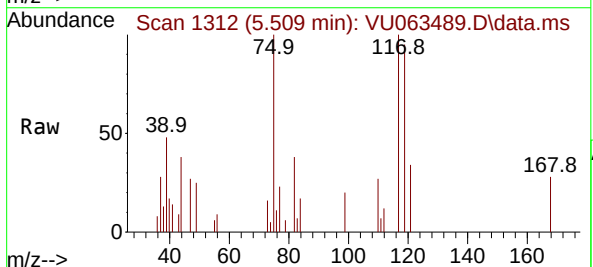
Tgt Ion: 117 Resp: 4624

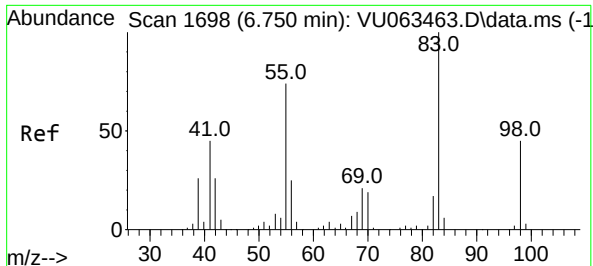
Ion Ratio Lower Upper

117 100

119 95.0 76.1 114.1

121 34.3 25.0 37.4





#39

Methylcyclohexane

Concen: 3.026 ug/l

RT: 6.747 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

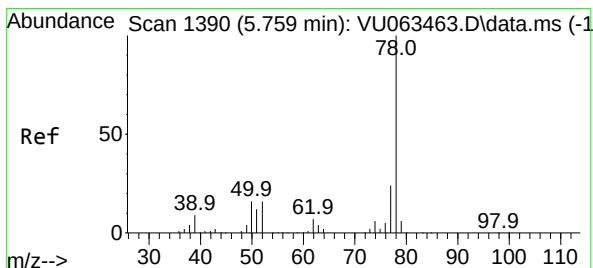
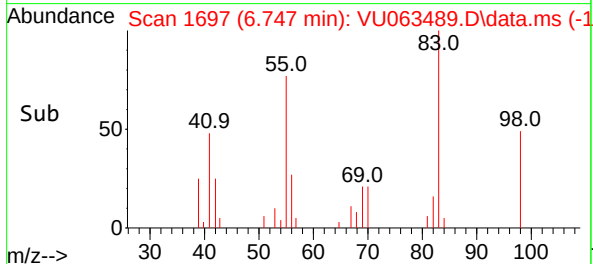
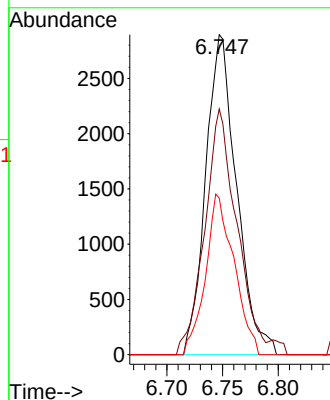
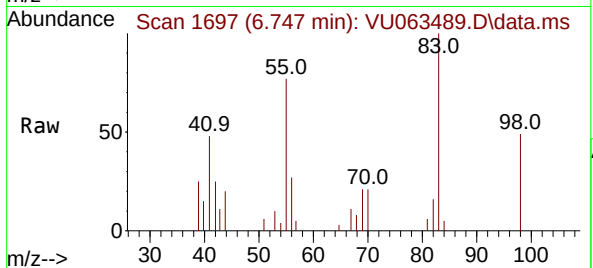
Tgt Ion: 83 Resp: 5584

Ion Ratio Lower Upper

83 100

55 73.1 59.4 89.2

98 48.9 36.2 54.4



#40

Benzene

Concen: 2.565 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.007 min

Lab File: VU063489.D

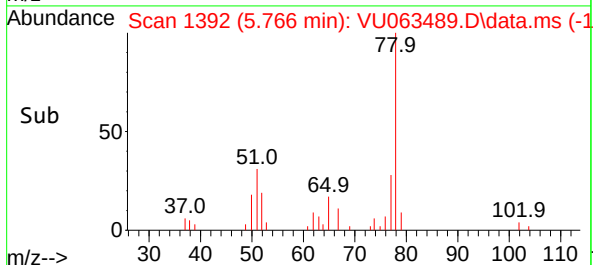
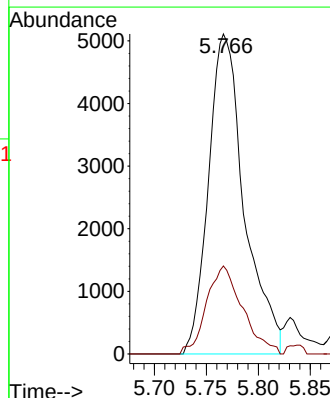
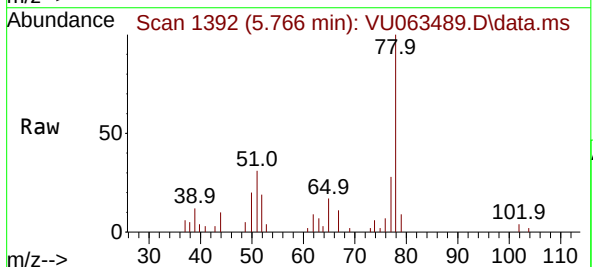
Acq: 11 Jul 2025 11:39

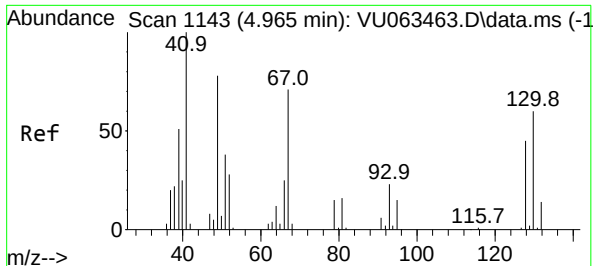
Tgt Ion: 78 Resp: 12235

Ion Ratio Lower Upper

78 100

77 27.5 19.0 28.4

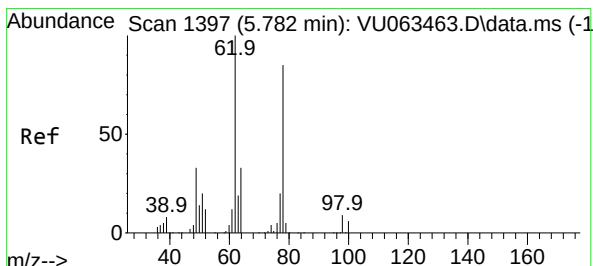
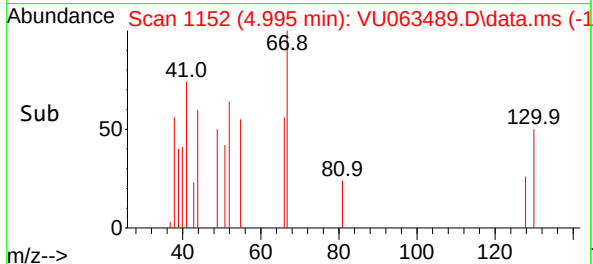
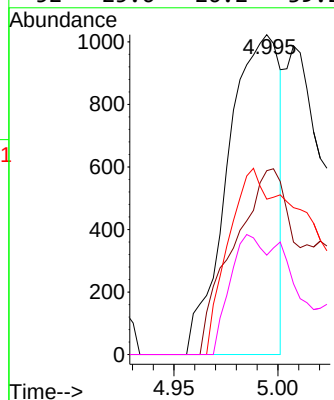
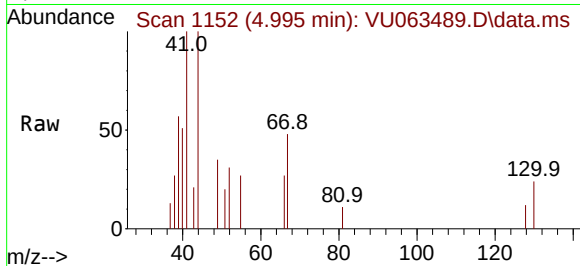




#41
Methacrylonitrile
Concen: 1.518 ug/l
RT: 4.995 min Scan# 1143
Delta R.T. 0.029 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

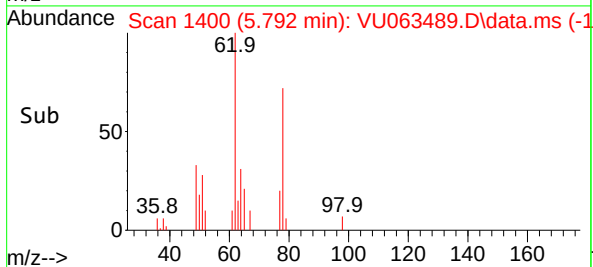
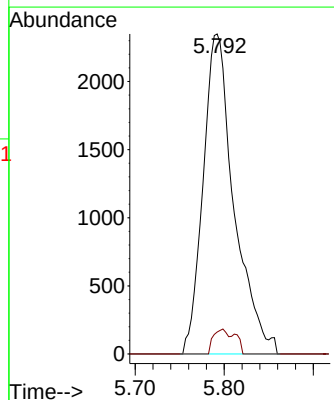
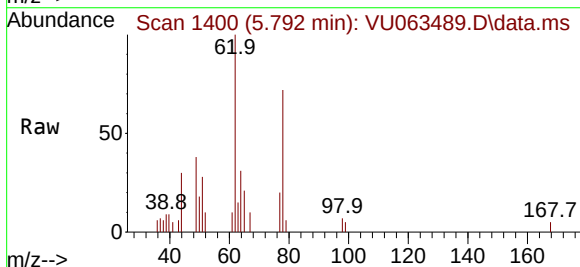
Instrument :
MSVOA_U
ClientSampleId :
MDL05

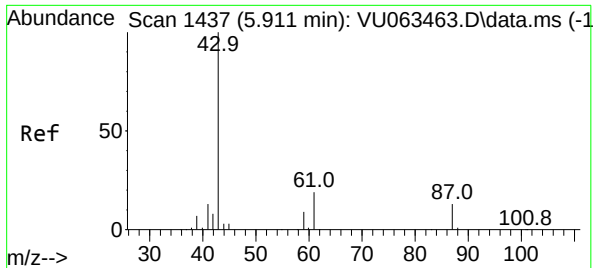
Tgt Ion:	41	Resp:	1772
Ion	Ratio	Lower	Upper
41	100		
39	65.4	43.6	65.4#
67	92.3	62.8	94.2
52	25.6	26.2	39.2#



#42
1,2-Dichloroethane
Concen: 3.165 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.010 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:	62	Resp:	5676
Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	17.6

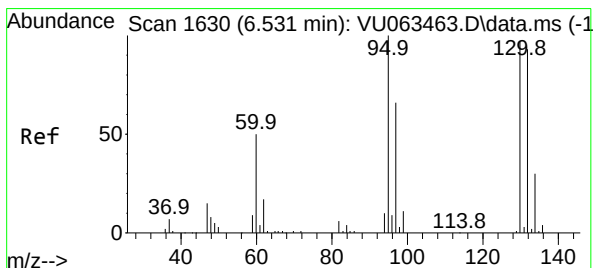
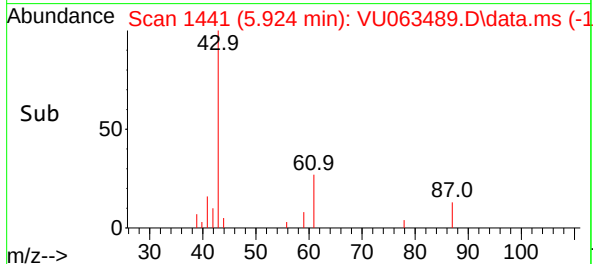
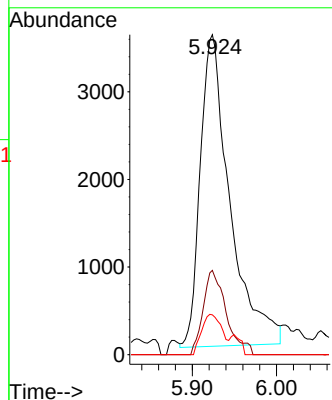
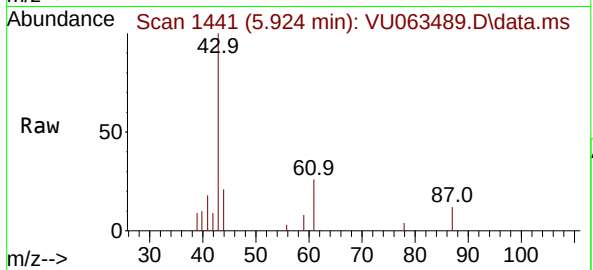




#43
Isopropyl Acetate
Concen: 2.651 ug/l
RT: 5.924 min Scan# 1441
Delta R.T. 0.013 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

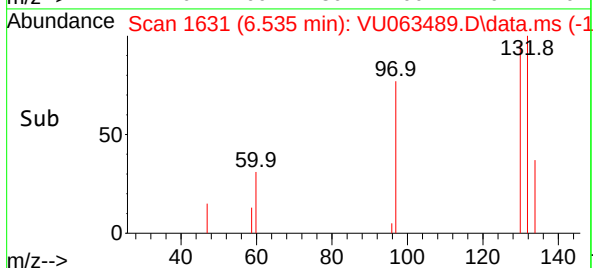
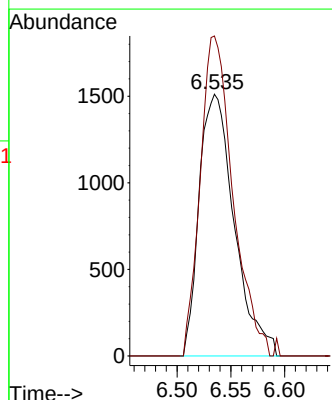
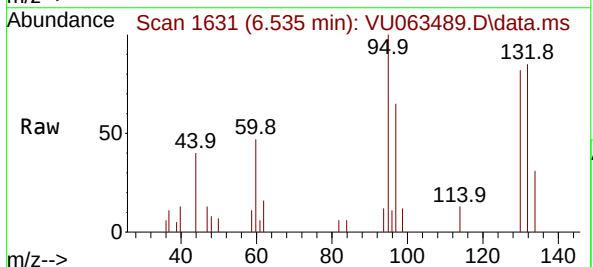
Instrument :
MSVOA_U
ClientSampleId :
MDL05

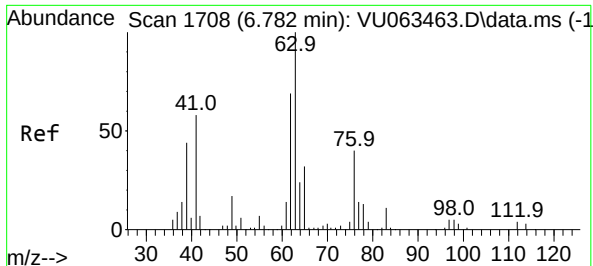
Tgt Ion: 43 Resp: 8709
Ion Ratio Lower Upper
43 100
61 21.1 15.4 23.2
87 8.9 10.5 15.7#



#44
Trichloroethene
Concen: 2.690 ug/l
RT: 6.535 min Scan# 1631
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:130 Resp: 3434
Ion Ratio Lower Upper
130 100
95 122.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.761 ug/l

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

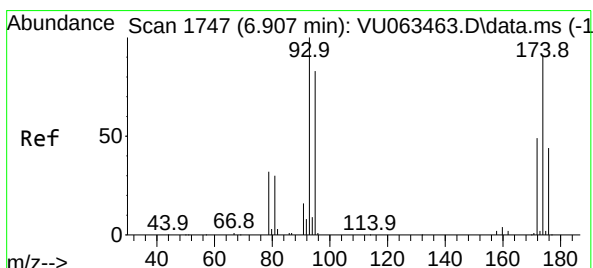
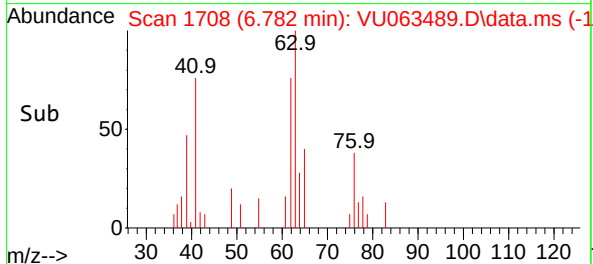
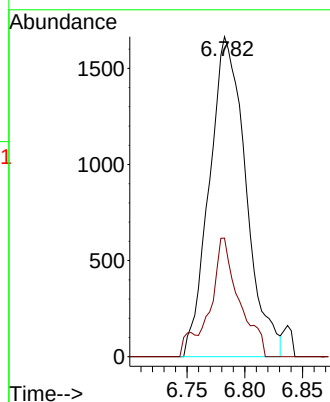
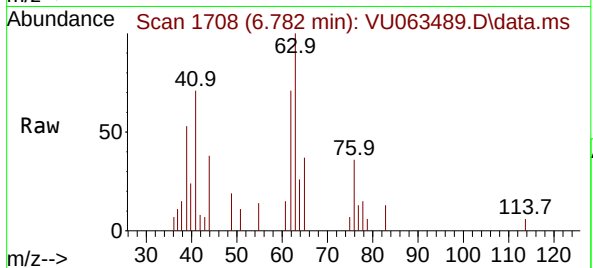
MDL05

Tgt Ion: 63 Resp: 3661

Ion Ratio Lower Upper

63 100

65 37.1 25.3 37.9



#46

Dibromomethane

Concen: 2.837 ug/l

RT: 6.911 min Scan# 1748

Delta R.T. 0.004 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

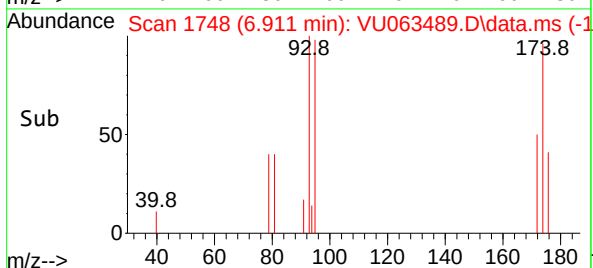
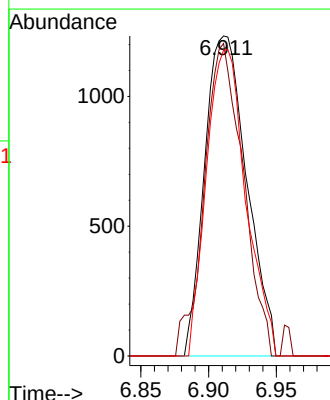
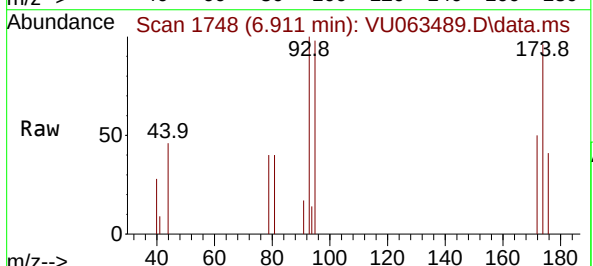
Tgt Ion: 93 Resp: 2676

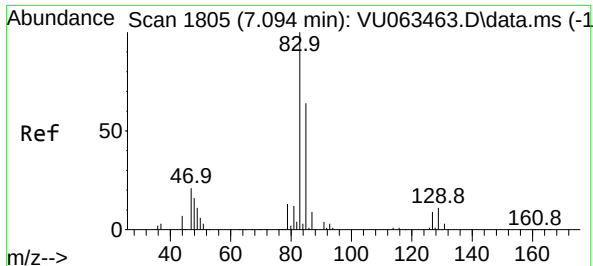
Ion Ratio Lower Upper

93 100

95 89.3 67.5 101.3

174 89.3 73.1 109.7

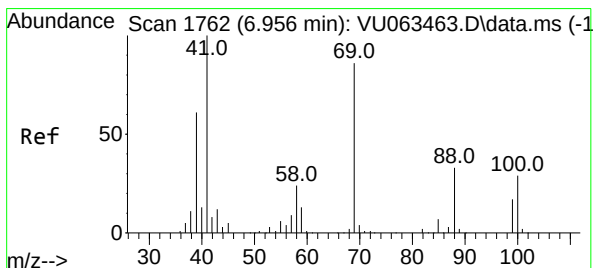
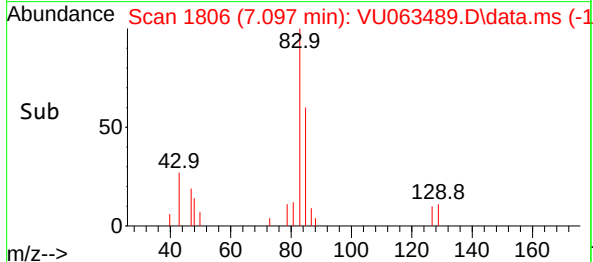
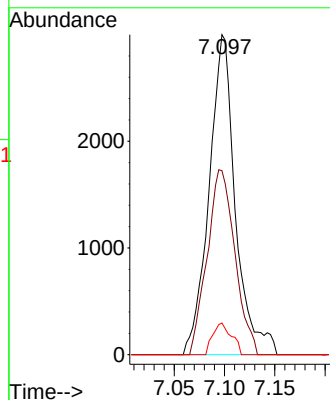
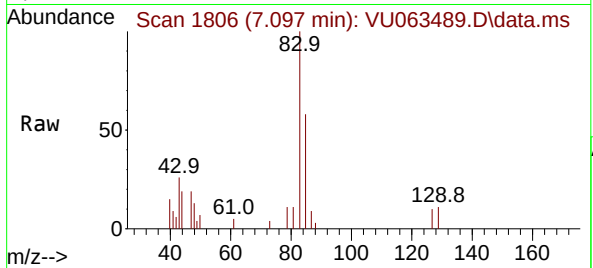




#47
Bromodichloromethane
Concen: 2.784 ug/l
RT: 7.097 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

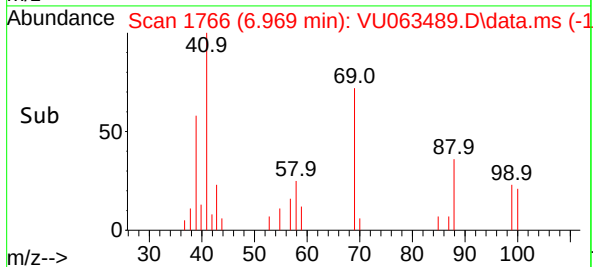
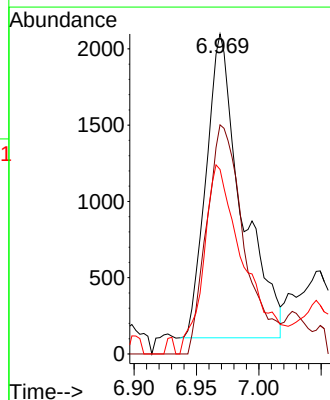
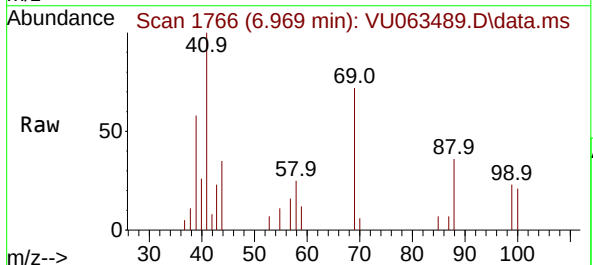
Instrument :
MSVOA_U
ClientSampleId :
MDL05

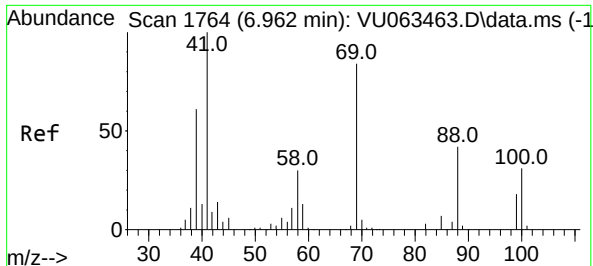
Tgt Ion: 83 Resp: 5462
Ion Ratio Lower Upper
83 100
85 57.5 51.4 77.0
127 9.9 7.0 10.4



#48
Methyl methacrylate
Concen: 2.595 ug/l
RT: 6.969 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 41 Resp: 3940
Ion Ratio Lower Upper
41 100
69 80.3 69.8 104.8
39 71.8 48.3 72.5

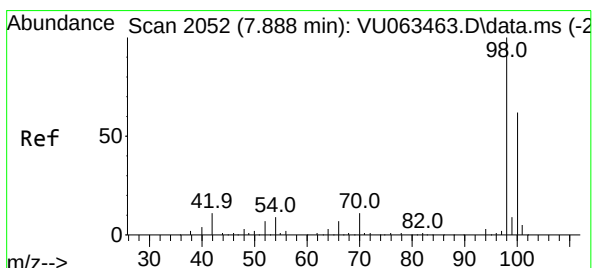
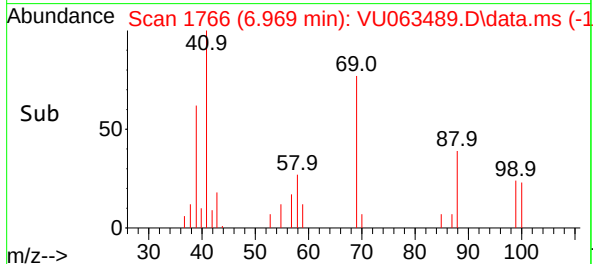
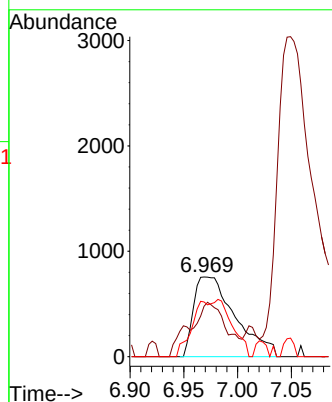
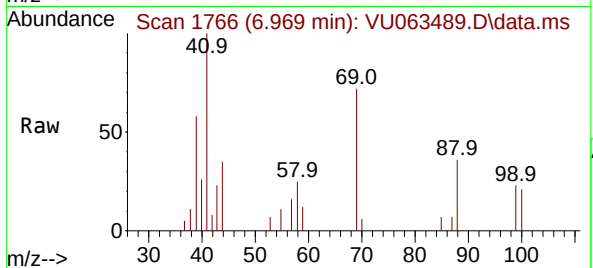




#49
1,4-Dioxane
Concen: 61.286 ug/l
RT: 6.969 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

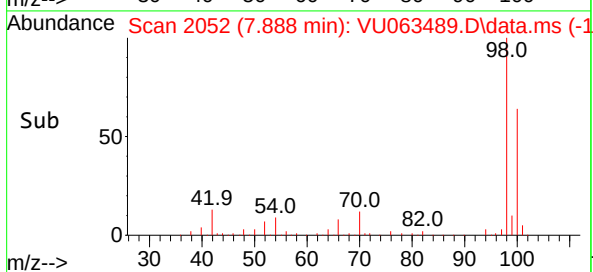
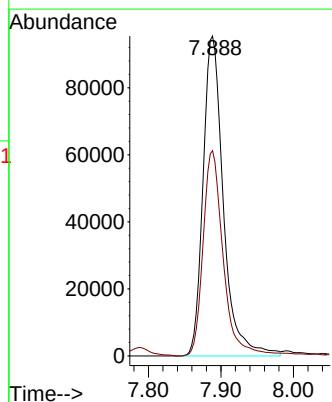
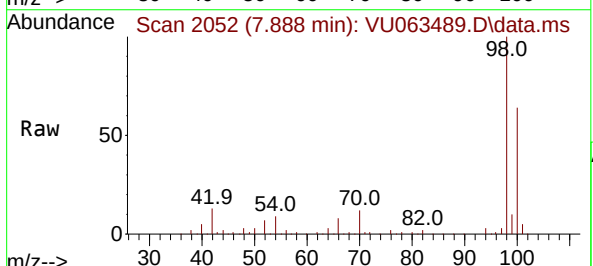
Instrument :
MSVOA_U
ClientSampleId :
MDL05

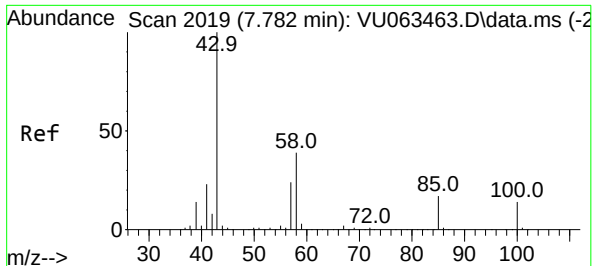
Tgt Ion: 88 Resp: 2042
Ion Ratio Lower Upper
88 100
43 31.9 25.6 38.4
58 28.0 55.0 82.6#



#50
Toluene-d8
Concen: 50.739 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 98 Resp: 185894
Ion Ratio Lower Upper
98 100
100 64.2 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 15.391 ug/l

RT: 7.786 min Scan# 2019

Delta R.T. 0.004 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

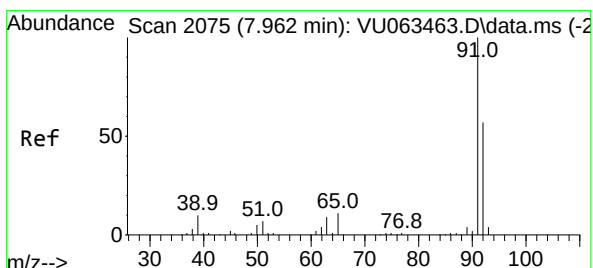
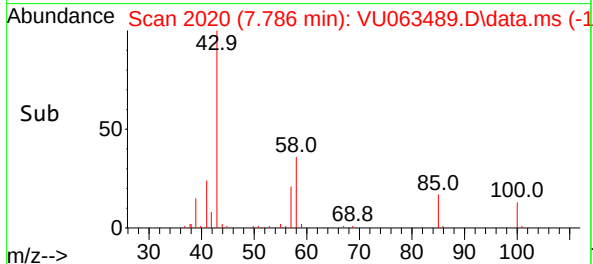
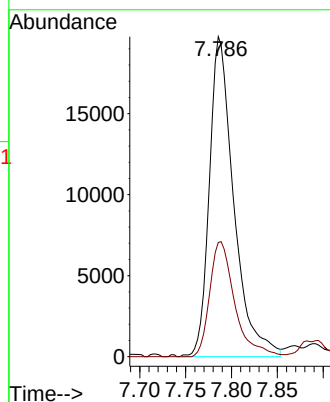
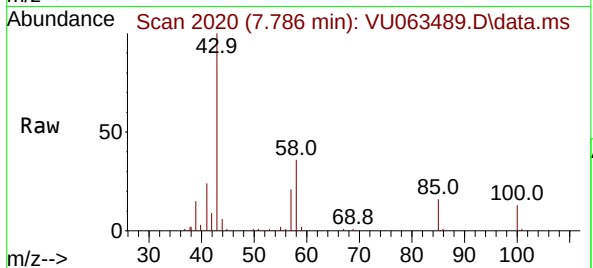
MDL05

Tgt Ion: 43 Resp: 36598

Ion Ratio Lower Upper

43 100

58 37.0 31.0 46.4



#52

Toluene

Concen: 2.892 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU063489.D

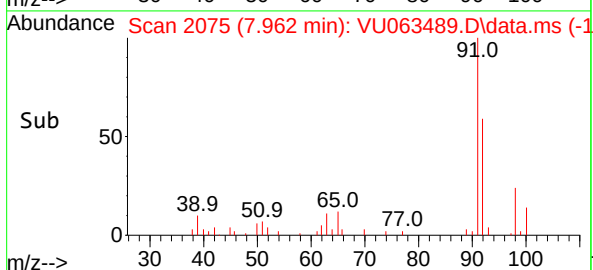
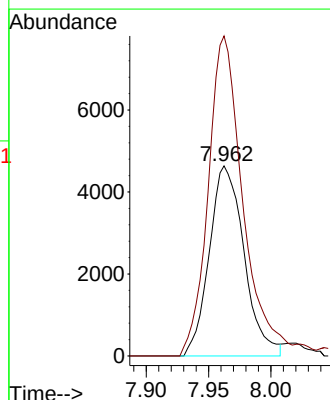
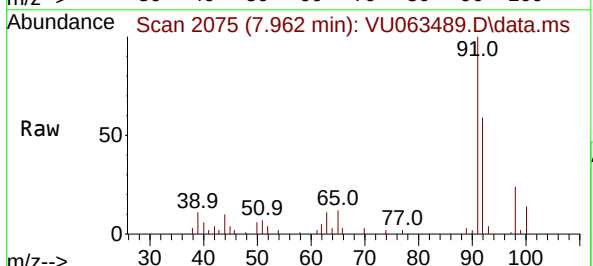
Acq: 11 Jul 2025 11:39

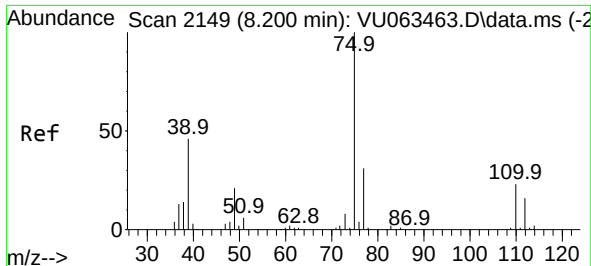
Tgt Ion: 92 Resp: 9023

Ion Ratio Lower Upper

92 100

91 170.3 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.438 ug/l

RT: 8.207 min Scan# 2149

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

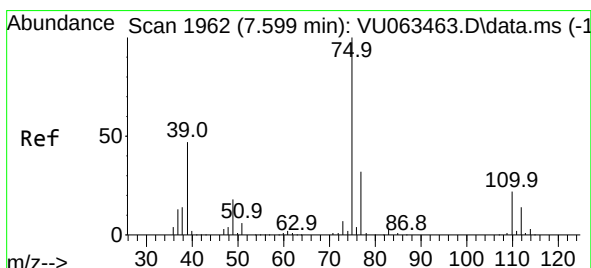
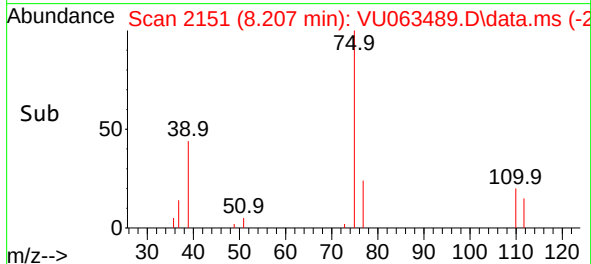
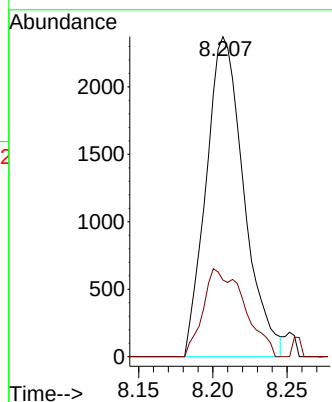
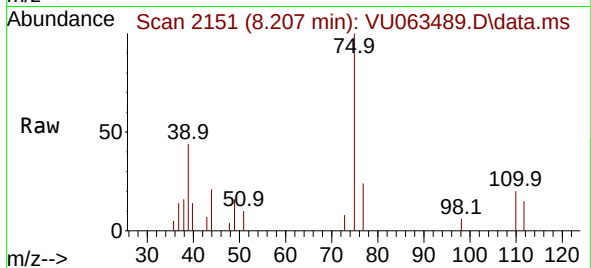
MDL05

Tgt Ion: 75 Resp: 4185

Ion Ratio Lower Upper

75 100

77 23.9 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 2.418 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.004 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

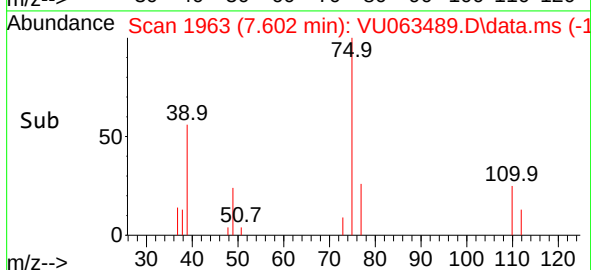
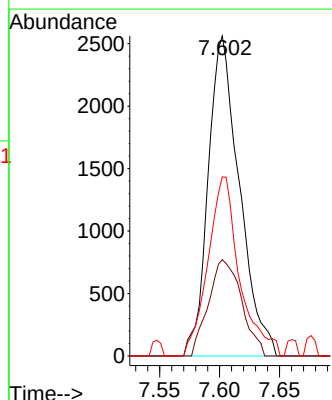
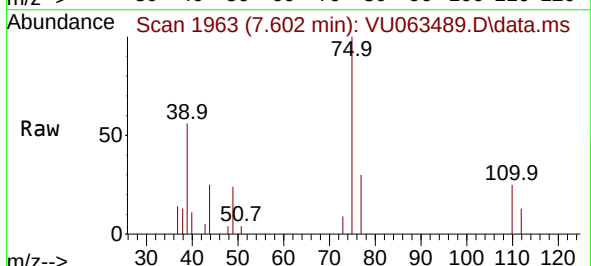
Tgt Ion: 75 Resp: 4646

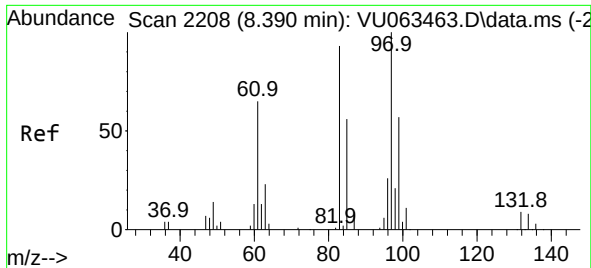
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 56.0 37.2 55.8#

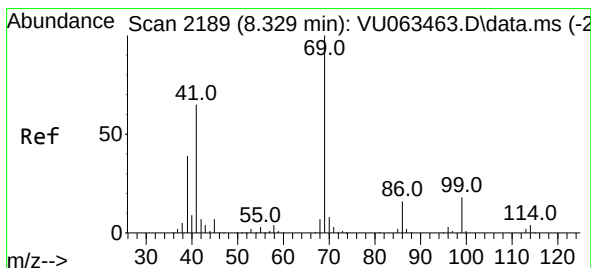
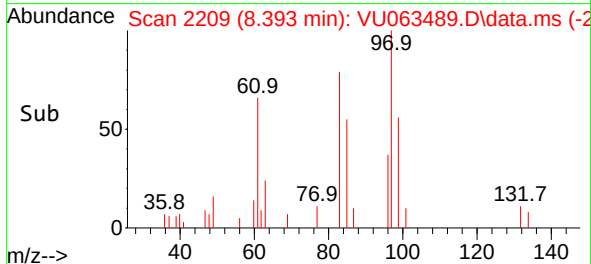
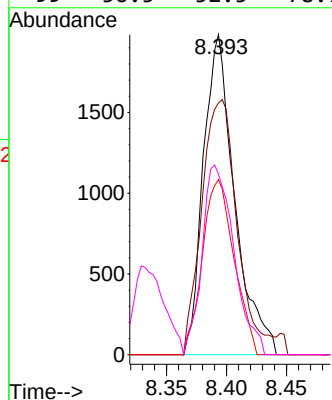
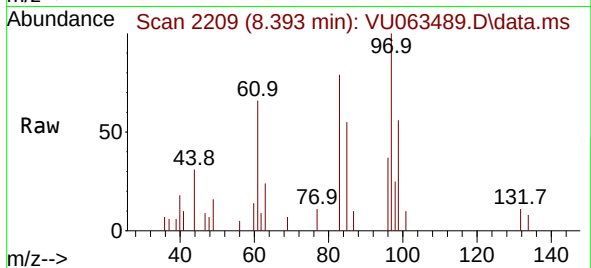




#55
1,1,2-Trichloroethane
Concen: 2.716 ug/l
RT: 8.393 min Scan# 2190
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

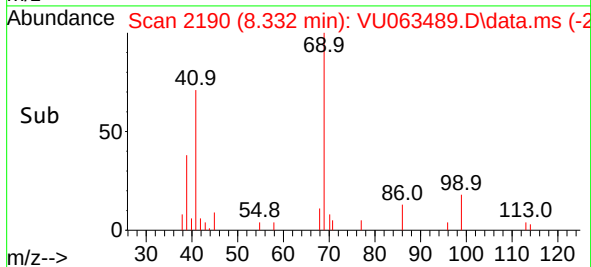
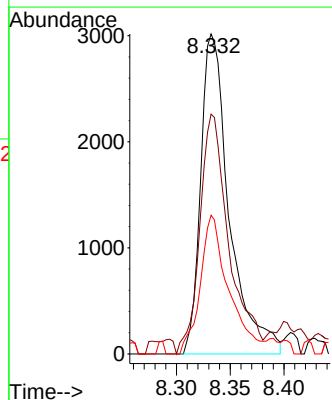
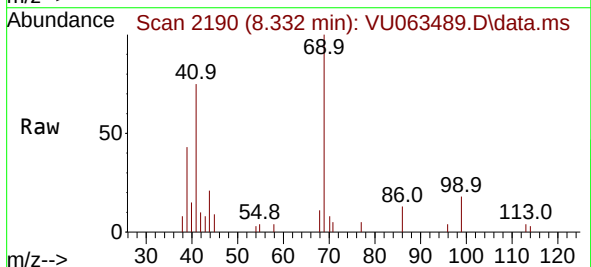
Instrument :
MSVOA_U
ClientSampleId :
MDL05

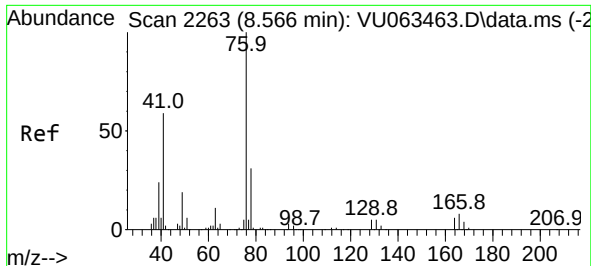
Tgt Ion: 97	Resp: 3598
Ion Ratio	Lower Upper
97	100
83	78.6 74.2 111.4
85	54.7 45.8 68.8
99	56.5 52.5 78.7



#56
Ethyl methacrylate
Concen: 2.612 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 69	Resp: 5583
Ion Ratio	Lower Upper
69	100
41	76.2 53.0 79.6
39	43.1 31.0 46.4





#57

1,3-Dichloropropane

Concen: 2.736 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

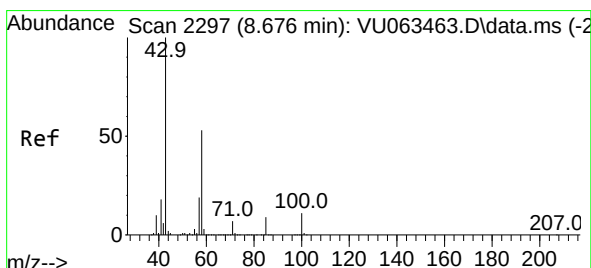
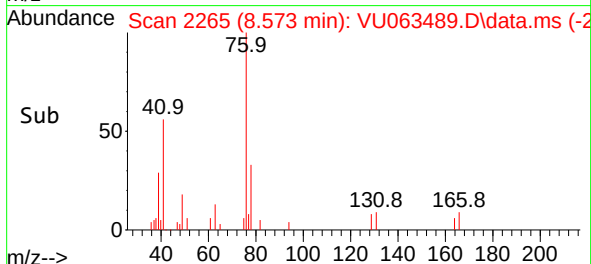
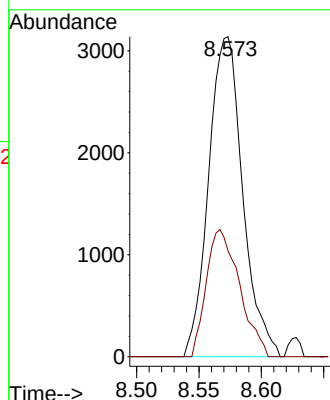
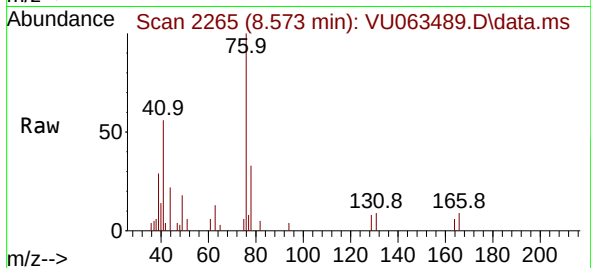
MDL05

Tgt Ion: 76 Resp: 5976

Ion Ratio Lower Upper

76 100

78 38.6 25.6 38.4#



#59

2-Hexanone

Concen: 15.990 ug/l

RT: 8.683 min Scan# 2299

Delta R.T. 0.007 min

Lab File: VU063489.D

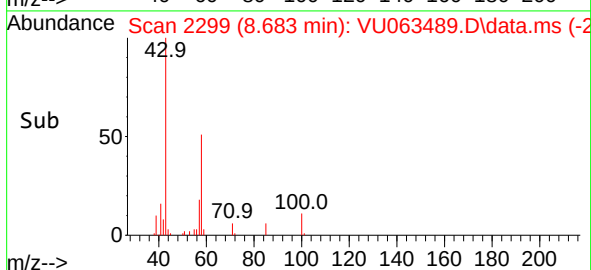
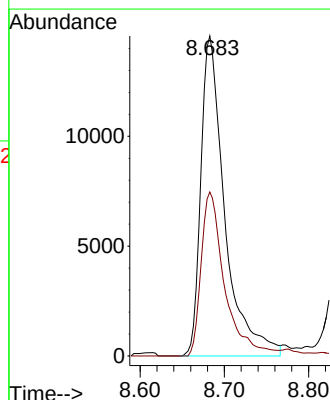
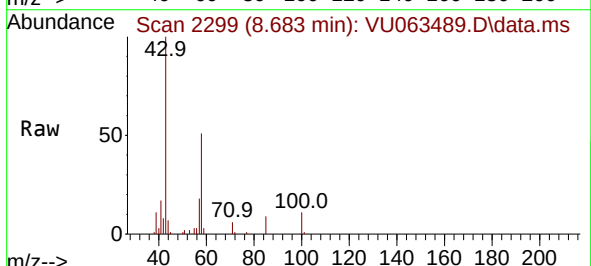
Acq: 11 Jul 2025 11:39

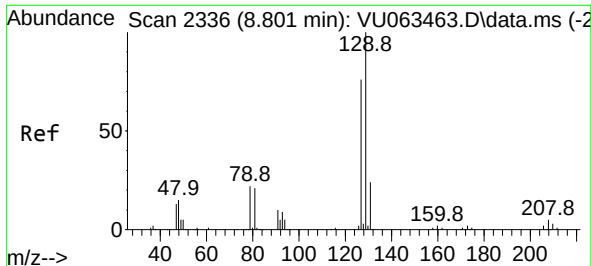
Tgt Ion: 43 Resp: 28758

Ion Ratio Lower Upper

43 100

58 50.4 26.9 80.7

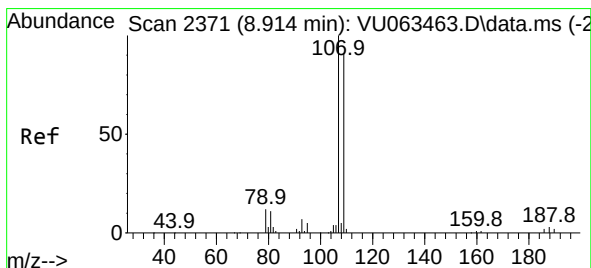
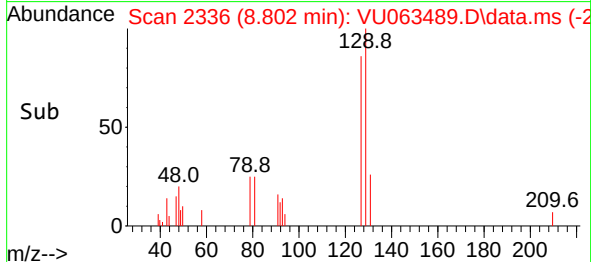
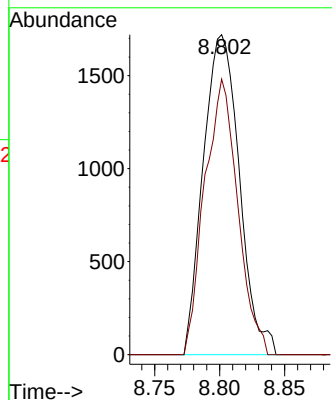
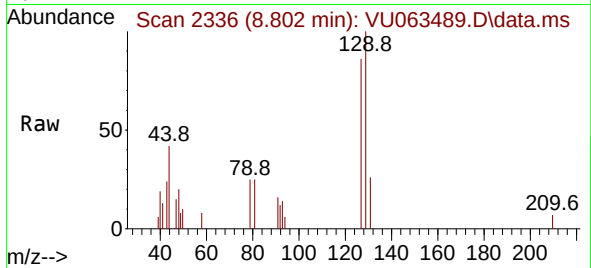




#60
Dibromochloromethane
Concen: 2.244 ug/l
RT: 8.802 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

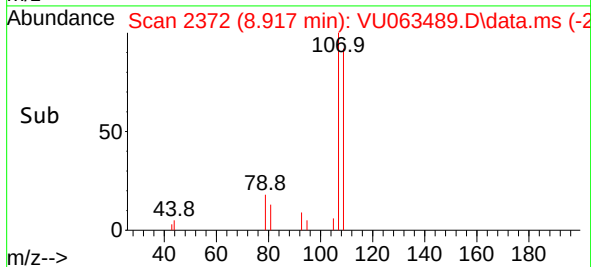
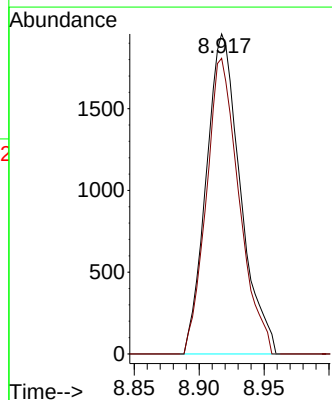
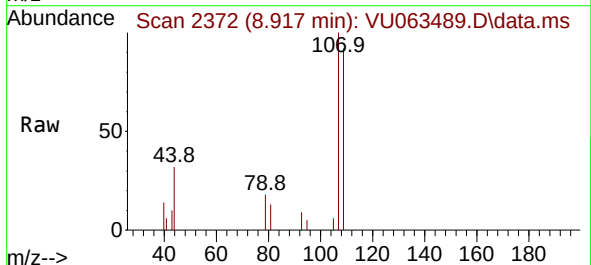
Instrument :
MSVOA_U
ClientSampleId :
MDL05

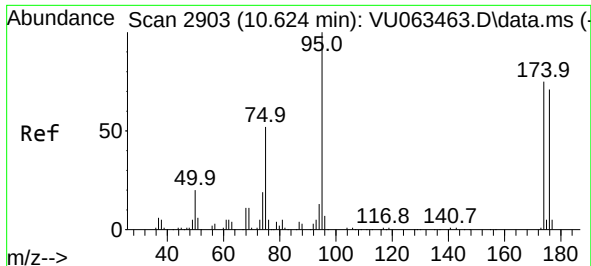
Tgt Ion:129 Resp: 3330
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2



#61
1,2-Dibromoethane
Concen: 2.748 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:107 Resp: 3573
Ion Ratio Lower Upper
107 100
109 88.8 73.7 110.5

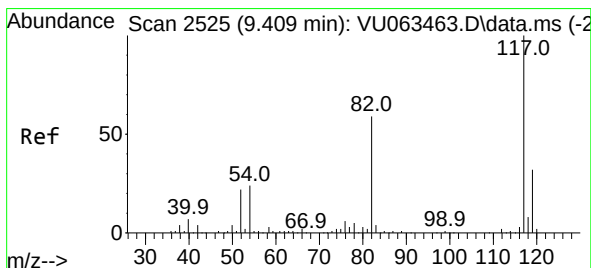
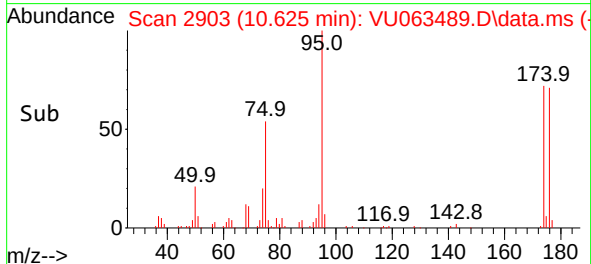
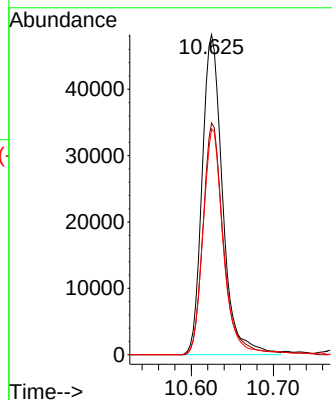
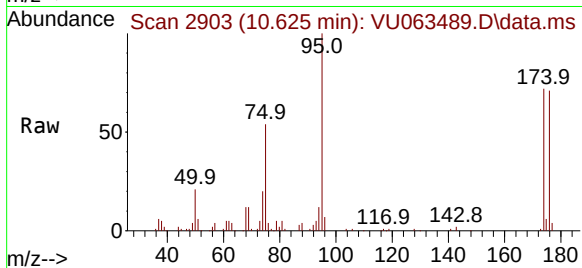




#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 10.625 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

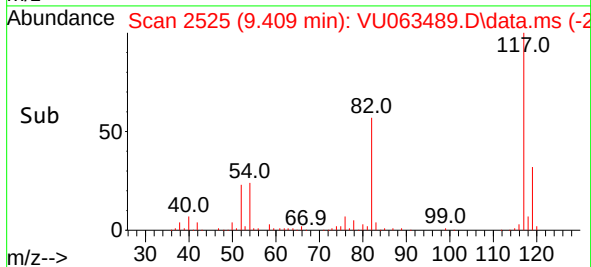
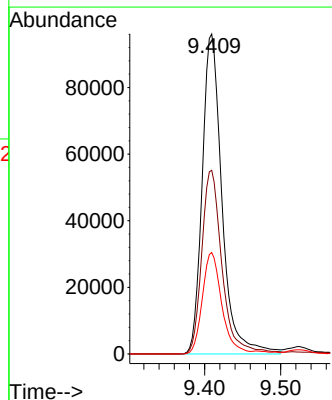
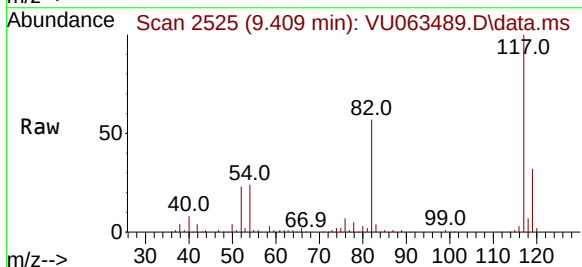
Instrument :
MSVOA_U
ClientSampleId :
MDL05

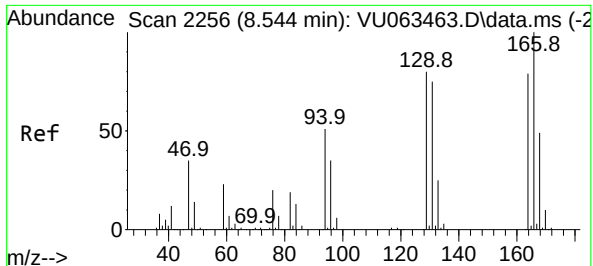
Tgt Ion: 95 Resp: 83531
Ion Ratio Lower Upper
95 100
174 72.7 0.0 153.6
176 69.8 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 2525
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 117 Resp: 173889
Ion Ratio Lower Upper
117 100
82 57.4 47.1 70.7
119 31.7 25.4 38.0

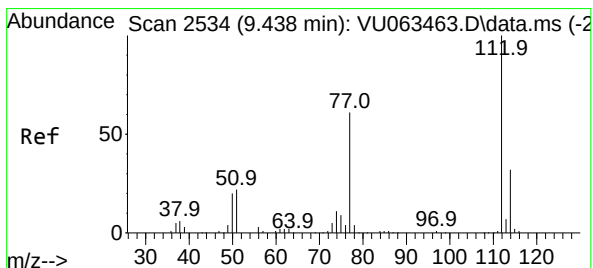
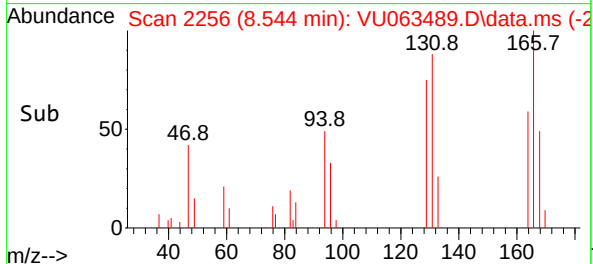
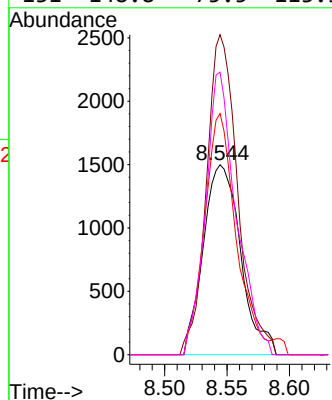
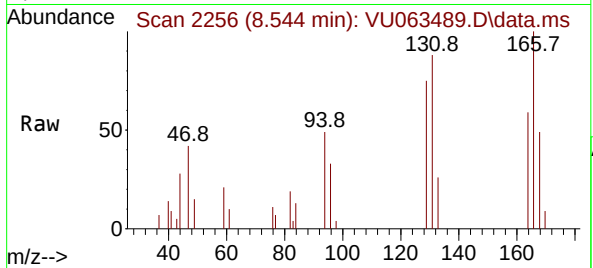




#64
Tetrachloroethene
Concen: 2.414 ug/l
RT: 8.544 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

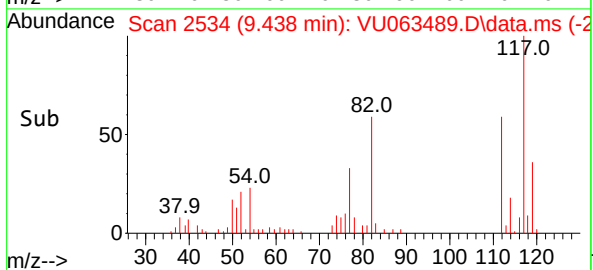
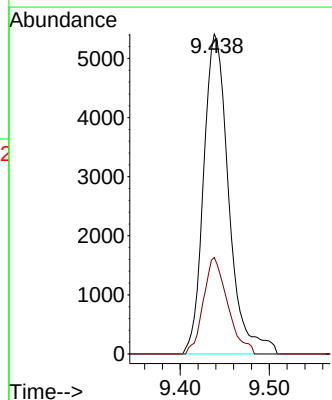
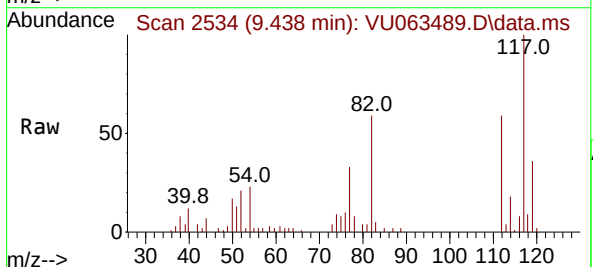
Instrument :
MSVOA_U
ClientSampleId :
MDL05

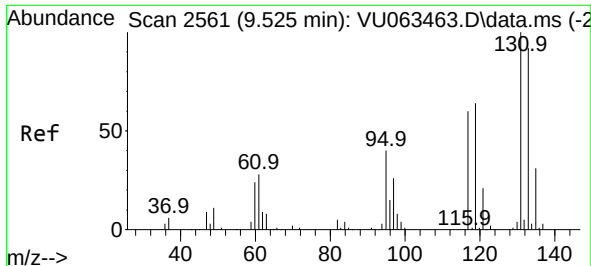
Tgt Ion:164 Resp: 3125
Ion Ratio Lower Upper
164 100
166 168.4 100.9 151.3#
129 126.9 80.9 121.3#
131 148.8 75.5 113.3#



#65
Chlorobenzene
Concen: 2.937 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:112 Resp: 10625
Ion Ratio Lower Upper
112 100
114 30.1 25.5 38.3

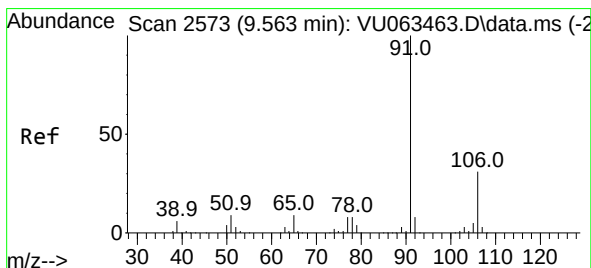
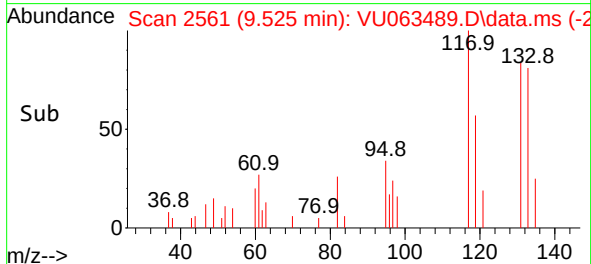
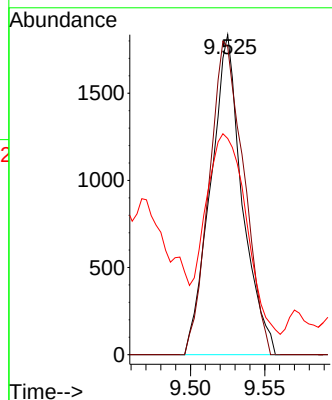
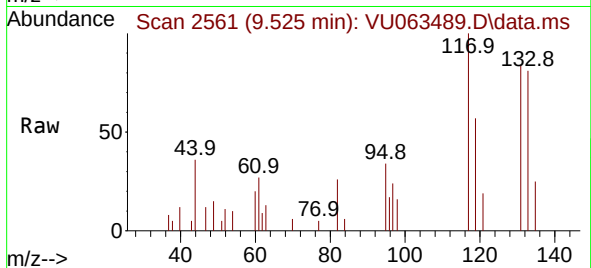




#66
1,1,1,2-Tetrachloroethane
Concen: 2.185 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

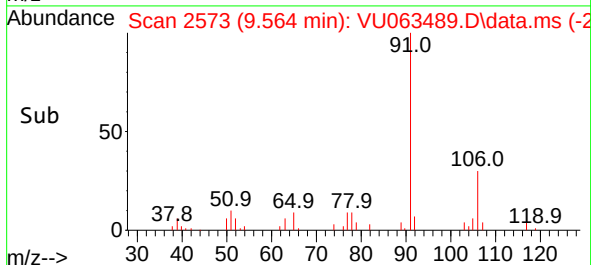
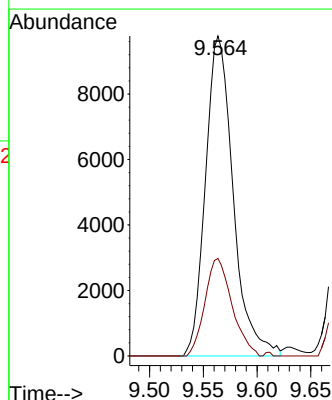
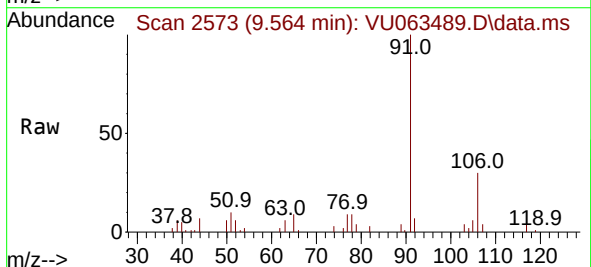
Instrument :
MSVOA_U
ClientSampleId :
MDL05

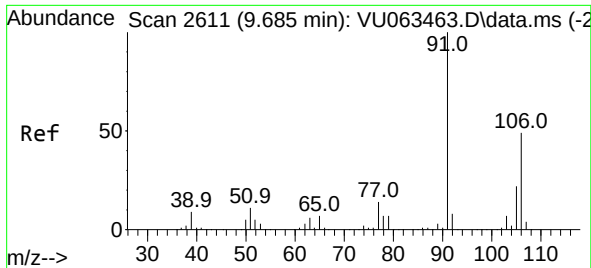
Tgt Ion:131 Resp: 2711
Ion Ratio Lower Upper
131 100
133 107.5 46.4 139.2
119 80.8 33.3 99.9



#67
Ethyl Benzene
Concen: 2.816 ug/l
RT: 9.564 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 91 Resp: 17509
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

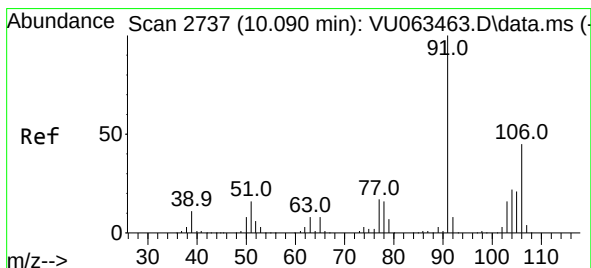
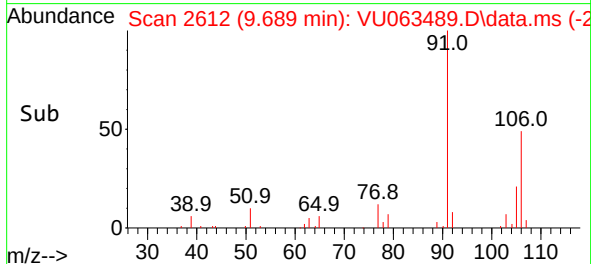
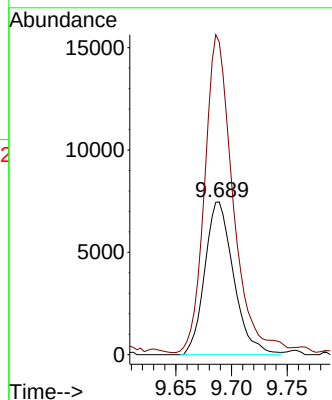
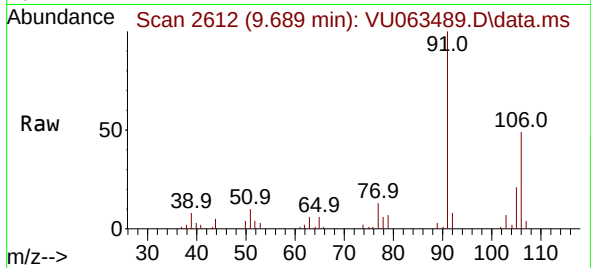




#68
m/p-Xylenes
Concen: 5.662 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

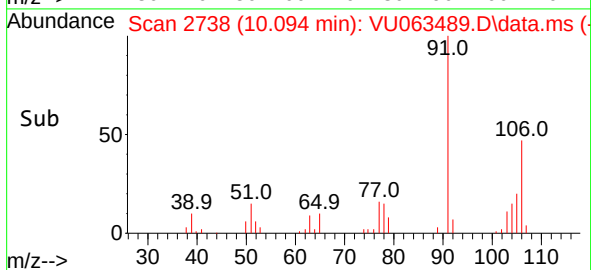
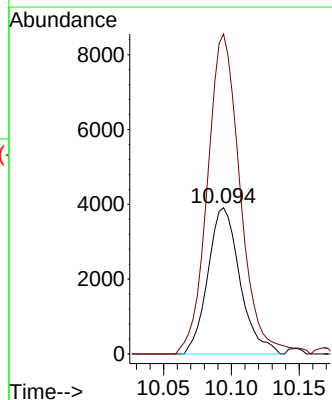
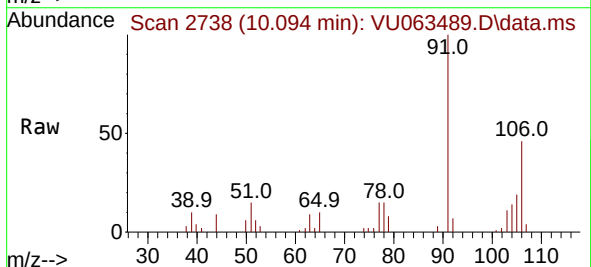
Instrument :
MSVOA_U
ClientSampleId :
MDL05

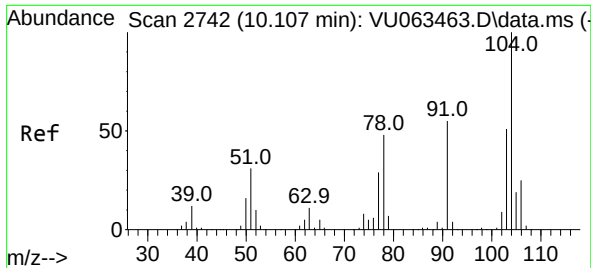
Tgt Ion:106 Resp: 13437
Ion Ratio Lower Upper
106 100
91 203.8 163.6 245.4



#69
o-Xylene
Concen: 2.670 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:106 Resp: 6442
Ion Ratio Lower Upper
106 100
91 223.3 110.7 331.9

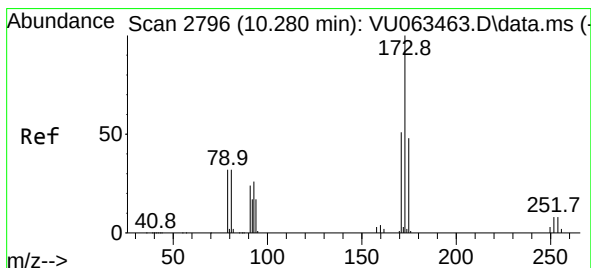
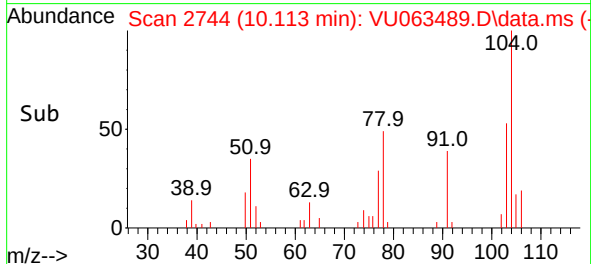
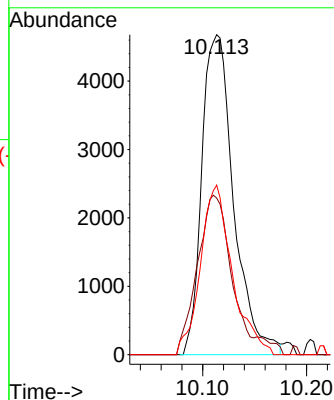
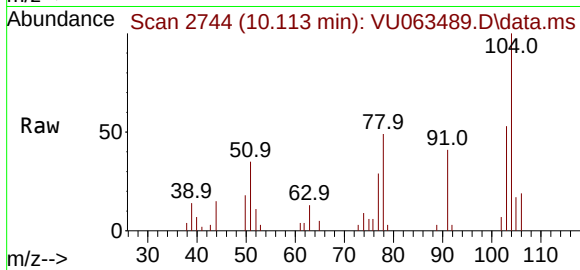




#70
Styrene
Concen: 2.598 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

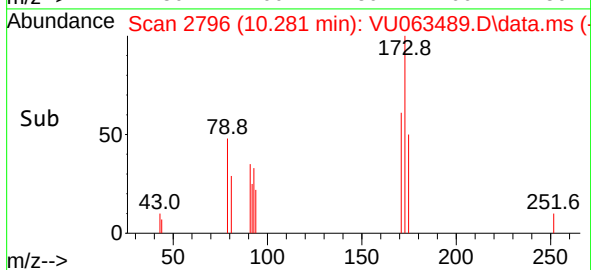
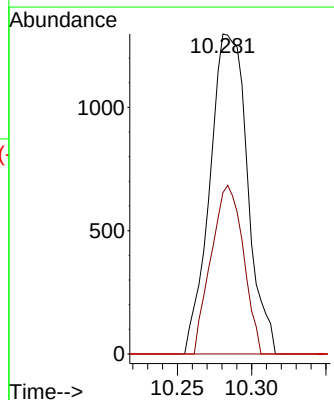
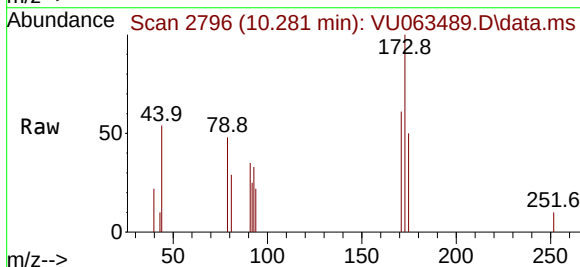
Instrument :
MSVOA_U
ClientSampleId :
MDL05

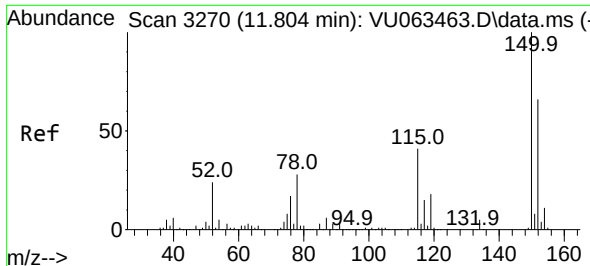
Tgt Ion:104 Resp: 9968
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 53.0 44.3 66.5



#71
Bromoform
Concen: 2.114 ug/l
RT: 10.281 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:173 Resp: 2286
Ion Ratio Lower Upper
173 100
175 44.9 24.0 72.0
254 0.0 0.0 0.0

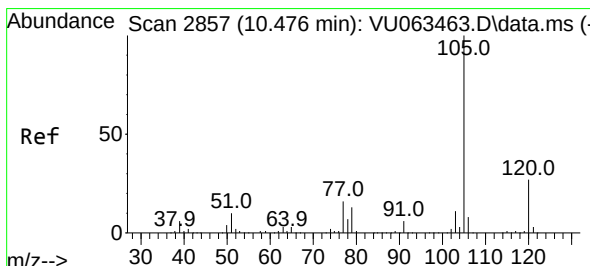
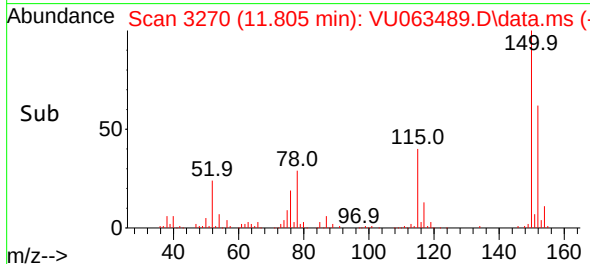
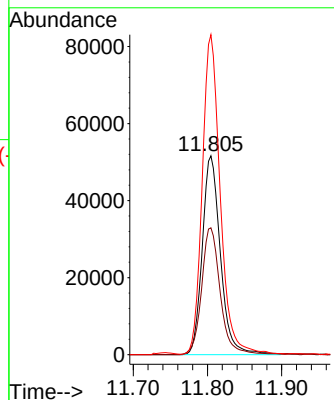
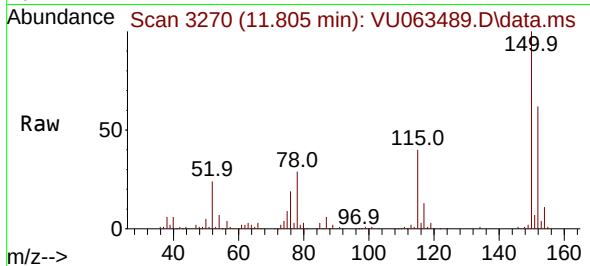




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.805 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

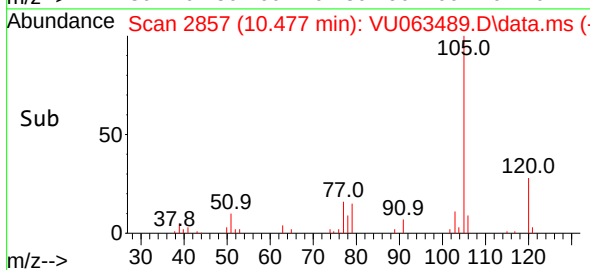
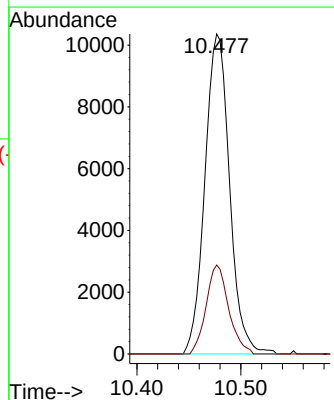
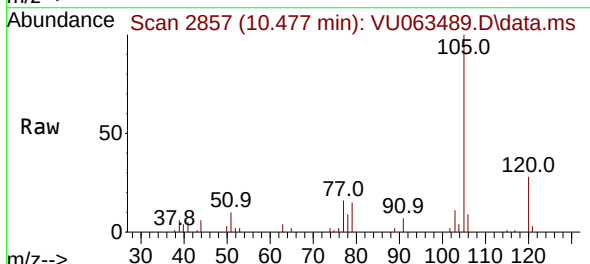
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

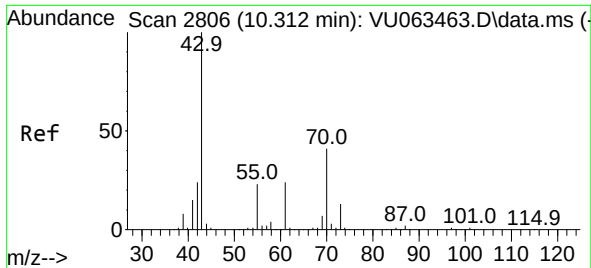
Tgt Ion:152 Resp: 87871
 Ion Ratio Lower Upper
 152 100
 115 65.4 43.4 130.2
 150 158.4 0.0 341.4



#73
 Isopropylbenzene
 Concen: 2.849 ug/l
 RT: 10.477 min Scan# 2857
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion:105 Resp: 17037
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.1 39.1

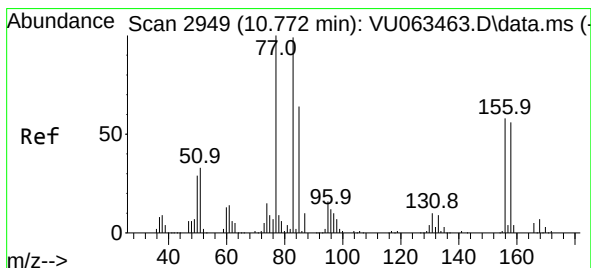
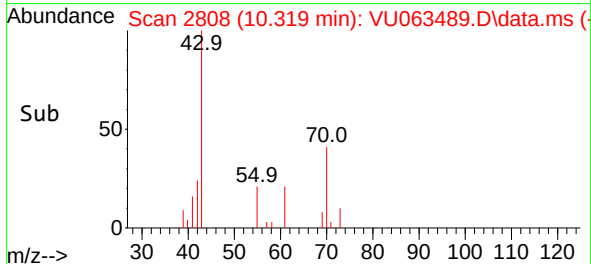
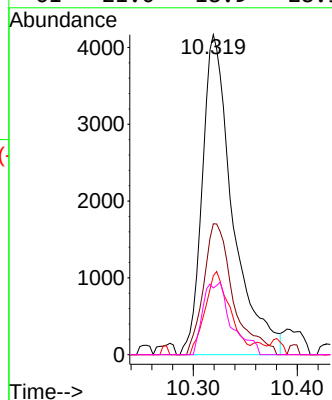
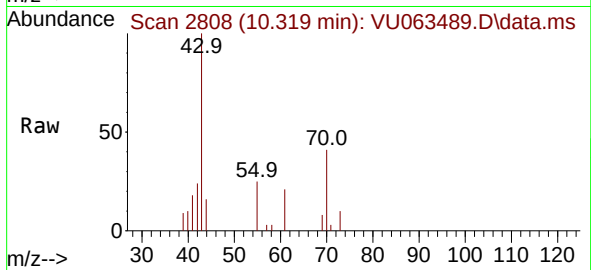




#74
N-amy1 acetate
Concen: 3.147 ug/l
RT: 10.319 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

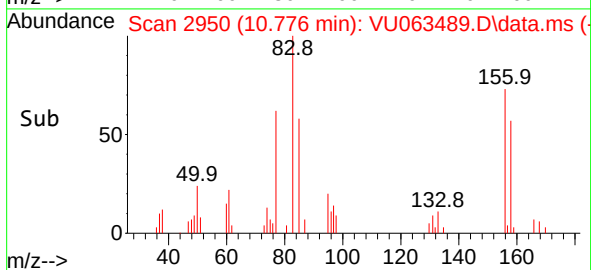
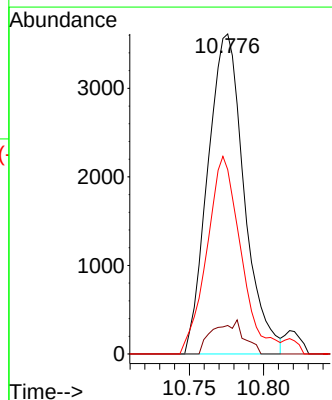
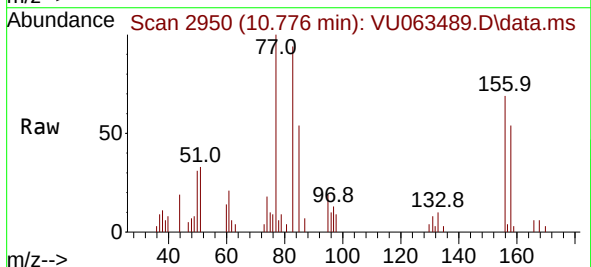
Instrument :
MSVOA_U
ClientSampleId :
MDL05

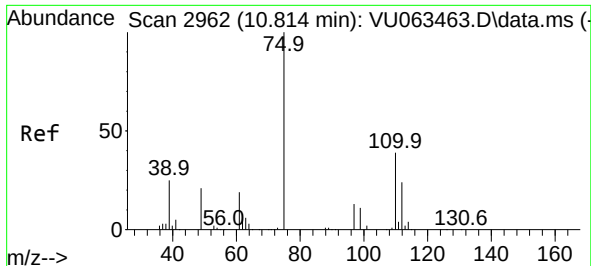
Tgt Ion: 43	Resp: 8439
Ion Ratio	Lower Upper
43 100	
70 39.9	32.6 48.8
55 21.5	18.6 27.8
61 21.0	18.9 28.3



#75
1,1,2,2-Tetrachloroethane
Concen: 2.794 ug/l
RT: 10.776 min Scan# 2950
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 83	Resp: 6149
Ion Ratio	Lower Upper
83 100	
131 8.9	4.8 14.3
85 58.0	32.3 96.8

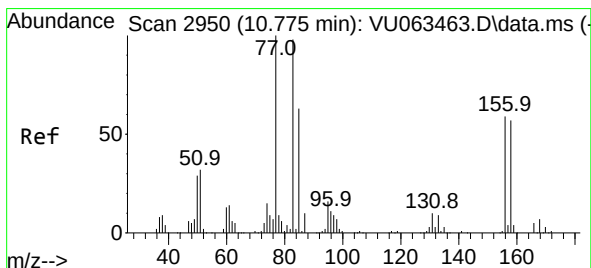
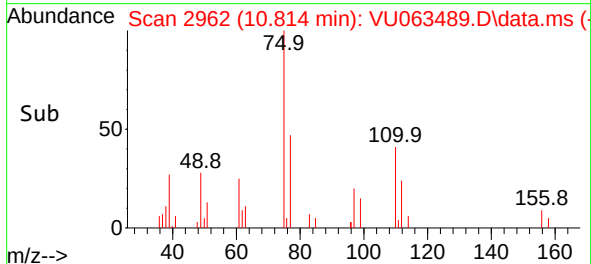
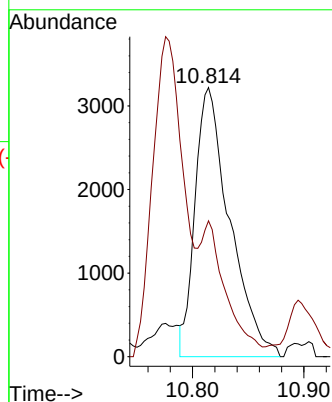
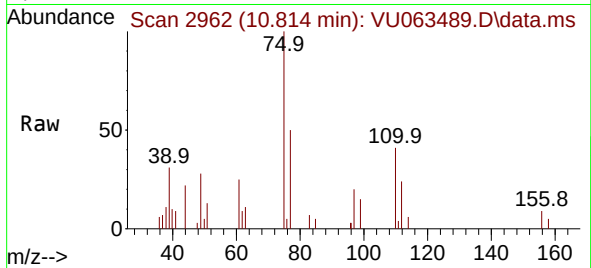




#76
1,2,3-Trichloropropane
Concen: 2.993 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

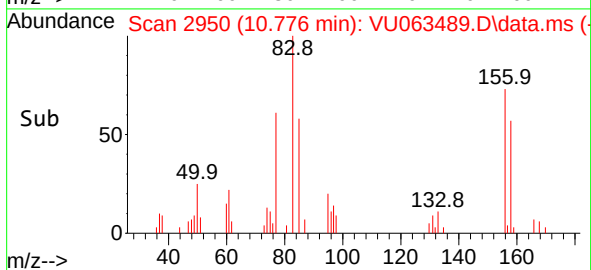
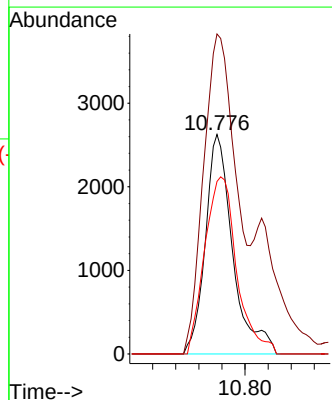
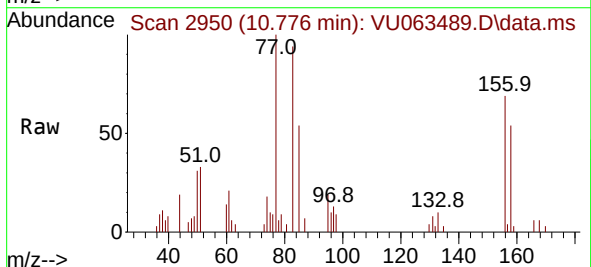
Instrument :
MSVOA_U
ClientSampleId :
MDL05

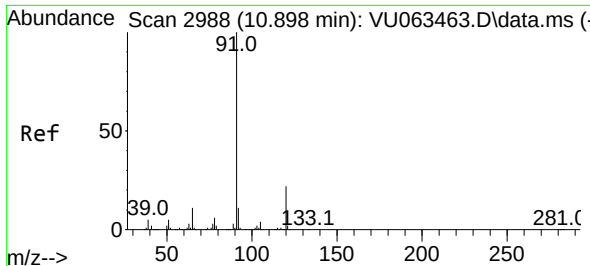
Tgt Ion: 75 Resp: 6969
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#



#77
Bromobenzene
Concen: 2.941 ug/l
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 156 Resp: 4311
Ion Ratio Lower Upper
156 100
77 174.8 78.2 234.6
158 94.7 46.8 140.4

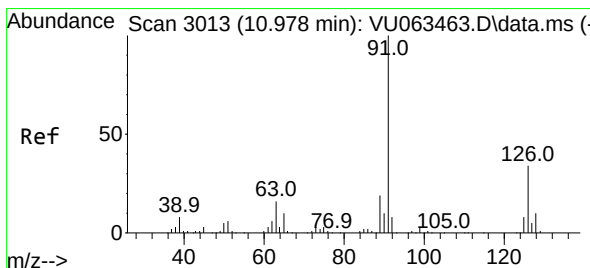
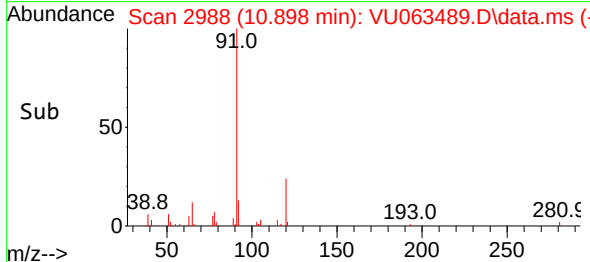
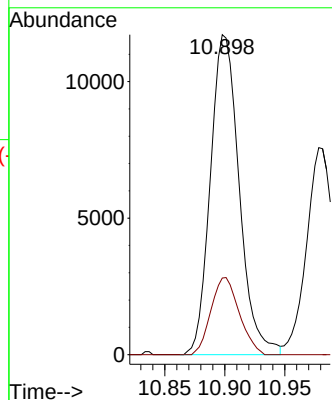
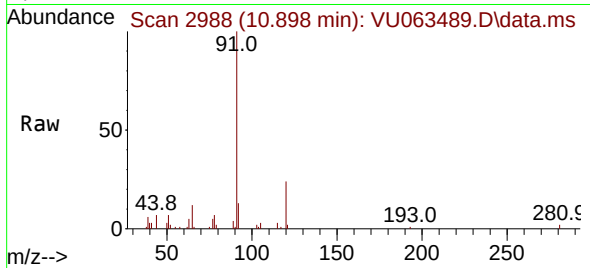




#78
n-propylbenzene
Concen: 2.829 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

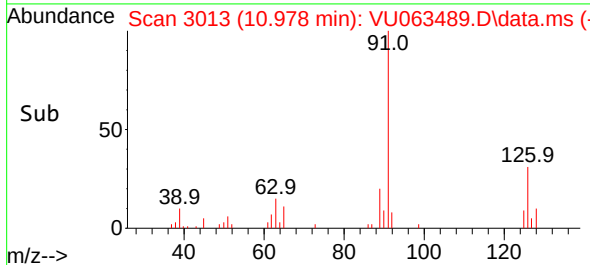
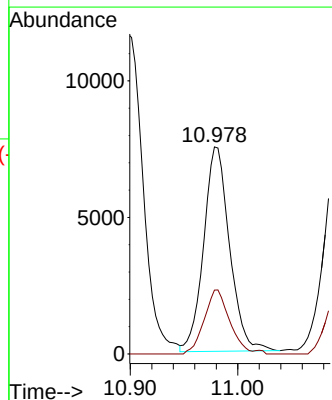
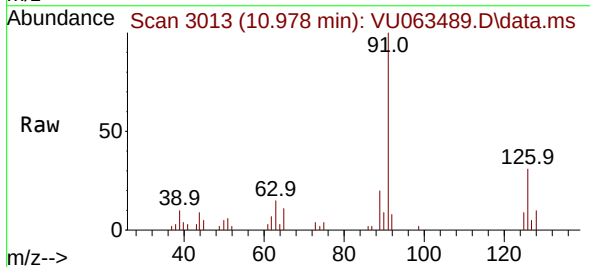
Instrument :
MSVOA_U
ClientSampleId :
MDL05

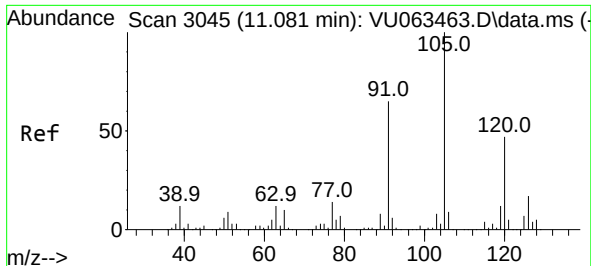
Tgt Ion: 91 Resp: 19615
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.886 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 91 Resp: 12552
Ion Ratio Lower Upper
91 100
126 30.5 15.9 47.7

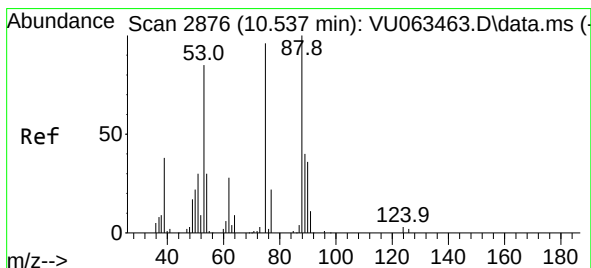
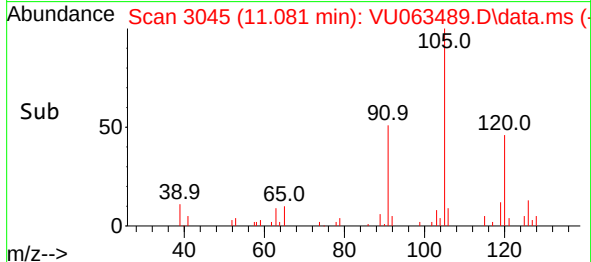
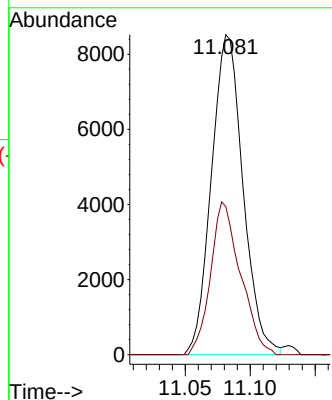
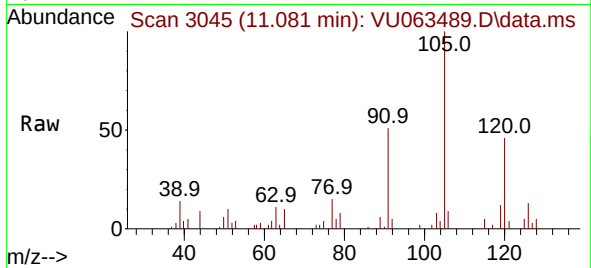




#80
 1,3,5-Trimethylbenzene
 Concen: 2.754 ug/l
 RT: 11.081 min Scan# 3045
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

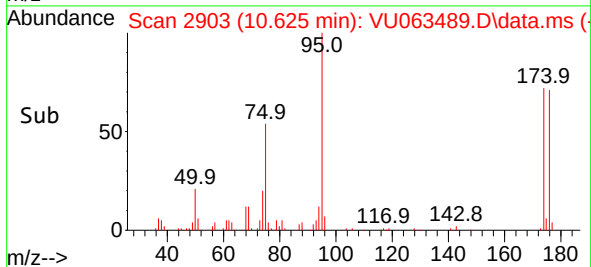
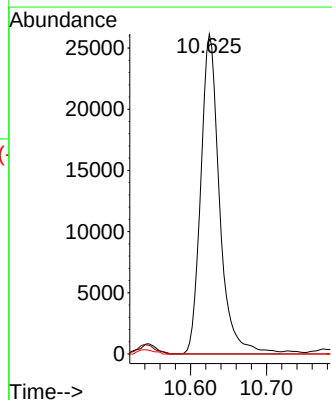
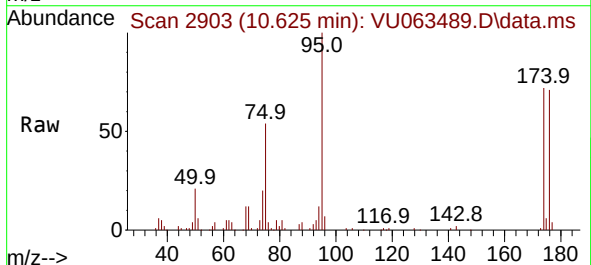
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

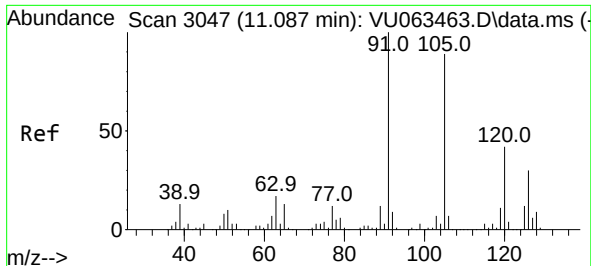
Tgt Ion:105 Resp: 14403
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.007 ug/l
 RT: 10.625 min Scan# 2903
 Delta R.T. 0.087 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion: 75 Resp: 44821
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 36.3 54.5#

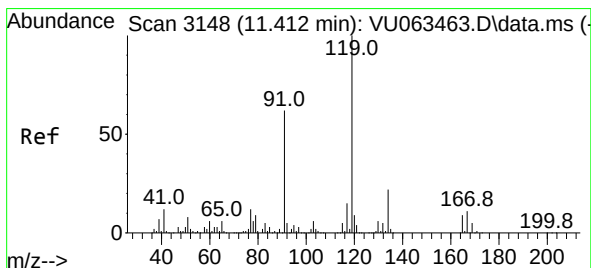
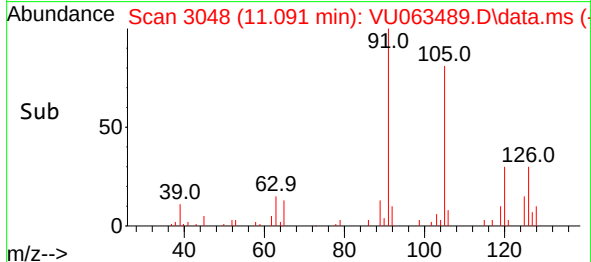
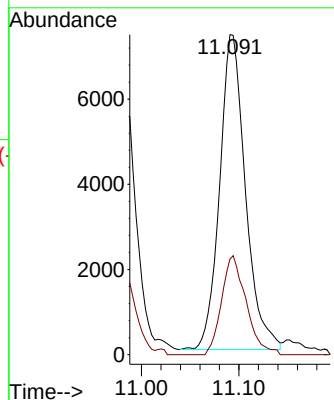
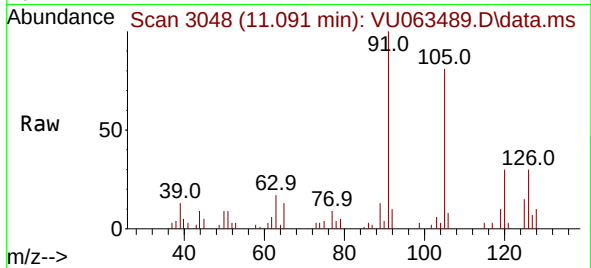




#82
4-Chlorotoluene
Concen: 2.755 ug/l
RT: 11.091 min Scan# 3047
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

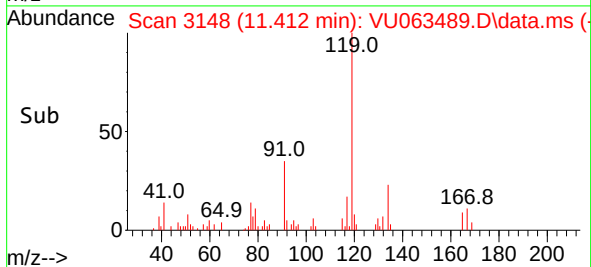
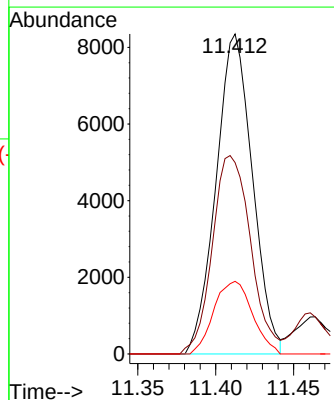
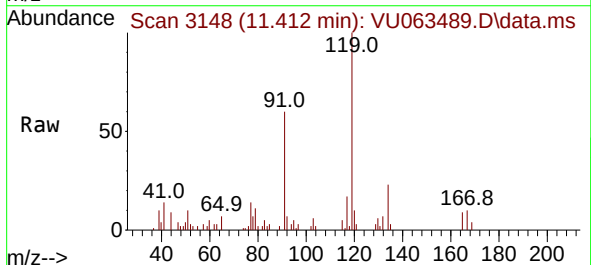
Instrument :
MSVOA_U
ClientSampleId :
MDL05

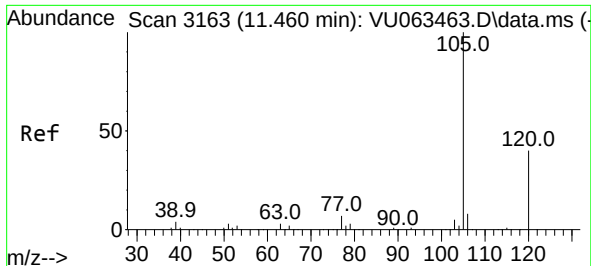
Tgt Ion: 91 Resp: 13603
Ion Ratio Lower Upper
91 100
126 29.9 14.4 43.2



#83
tert-Butylbenzene
Concen: 2.701 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 119 Resp: 13547
Ion Ratio Lower Upper
119 100
91 65.4 30.3 91.0
134 24.0 11.2 33.6

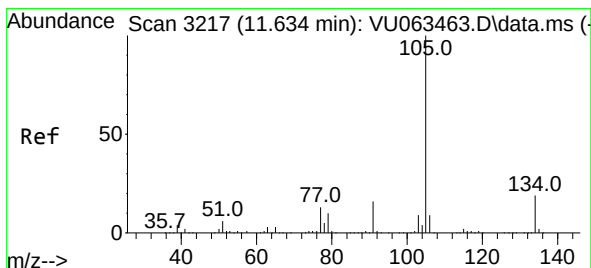
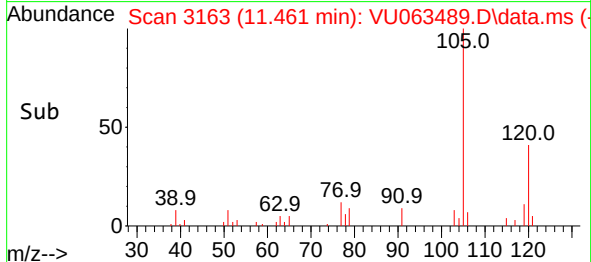
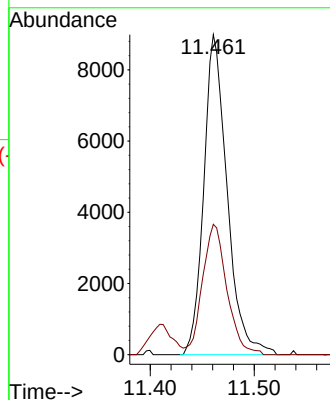
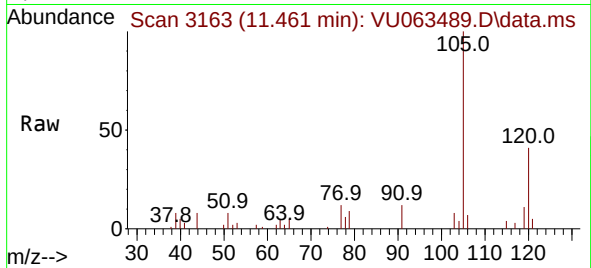




#84
1,2,4-Trimethylbenzene
Concen: 2.731 ug/l
RT: 11.461 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

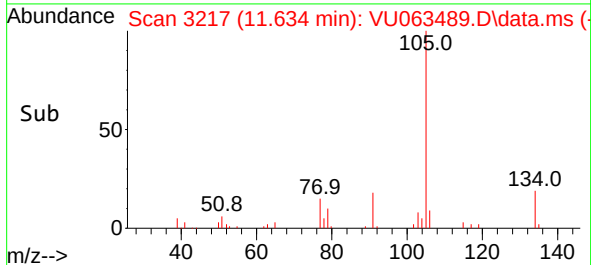
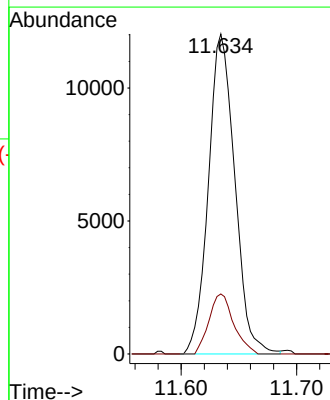
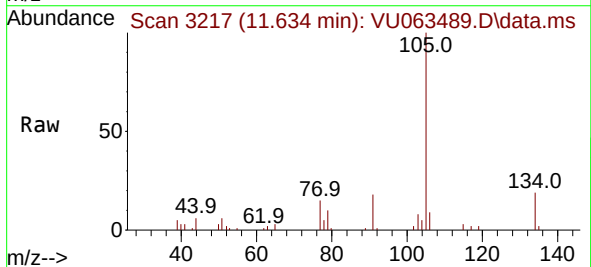
Instrument :
MSVOA_U
ClientSampleId :
MDL05

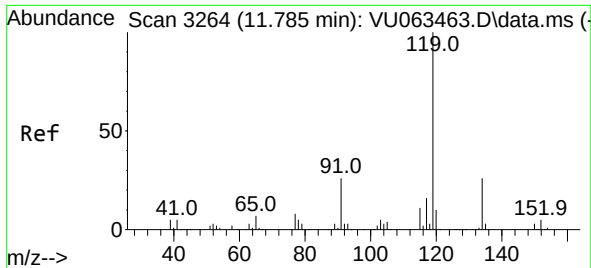
Tgt Ion:105 Resp: 14027
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.3



#85
sec-Butylbenzene
Concen: 2.886 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. 0.000 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:105 Resp: 19099
Ion Ratio Lower Upper
105 100
134 17.5 9.7 29.1

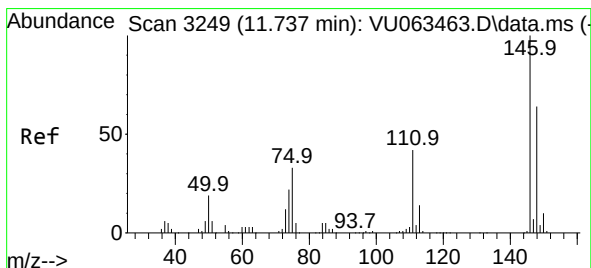
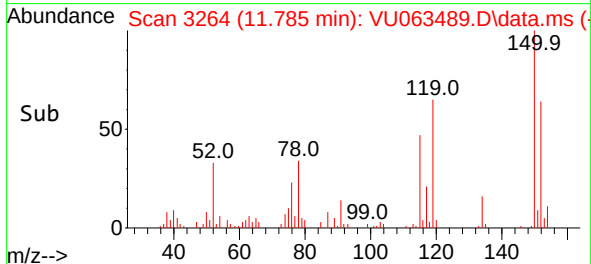
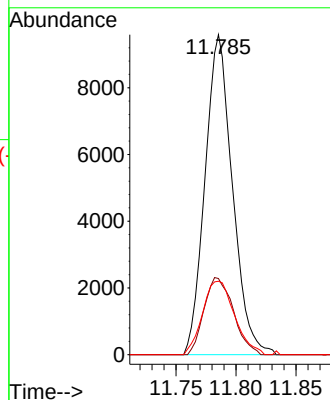
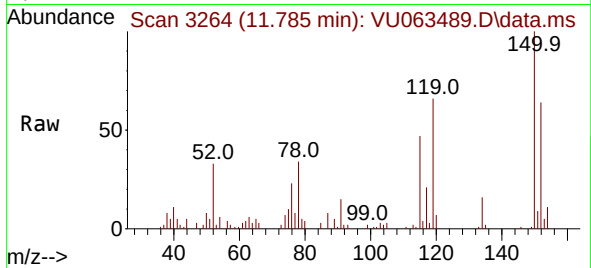




#86
 p-Isopropyltoluene
 Concen: 2.839 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

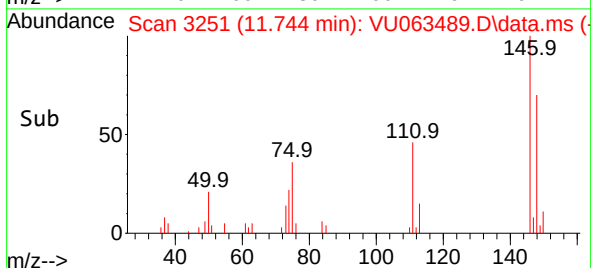
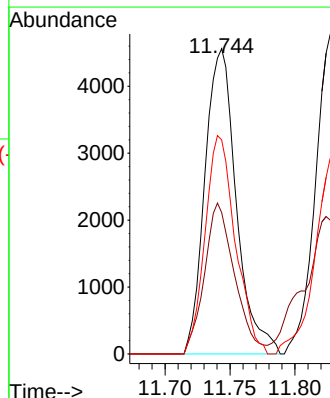
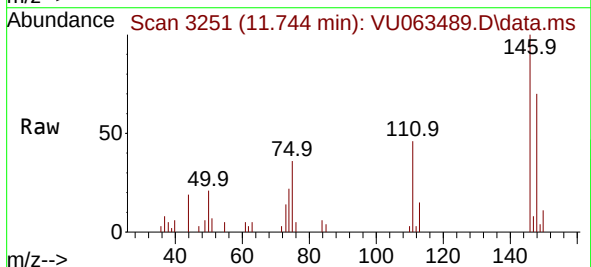
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

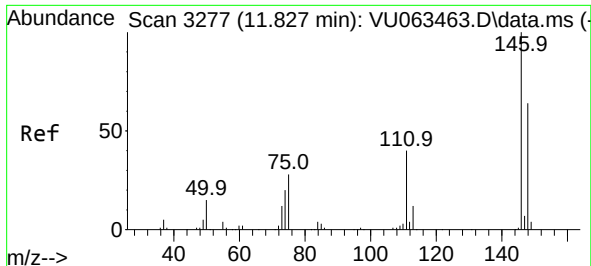
Tgt Ion:	119	Resp:	15241
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	26.8	13.0	38.9



#87
 1,3-Dichlorobenzene
 Concen: 2.713 ug/l
 RT: 11.744 min Scan# 3251
 Delta R.T. 0.007 min
 Lab File: VU063489.D
 Acq: 11 Jul 2025 11:39

Tgt Ion:	146	Resp:	7662
Ion	Ratio	Lower	Upper
146	100		
111	47.6	20.9	62.7
148	69.0	31.9	95.9

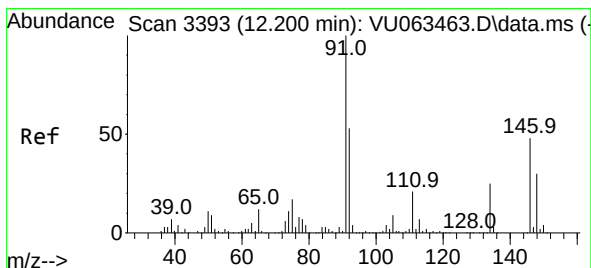
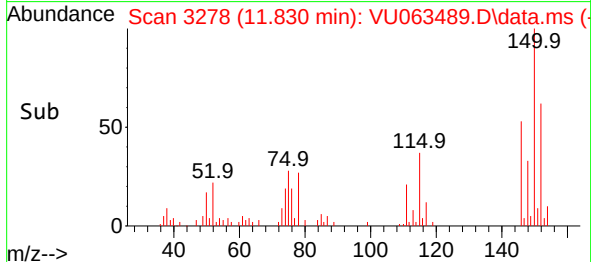
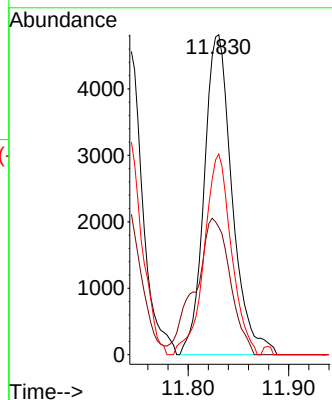
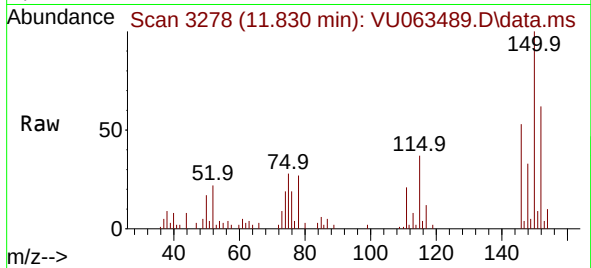




#88
1,4-Dichlorobenzene
Concen: 3.232 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

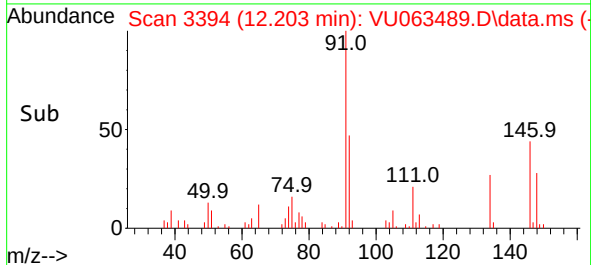
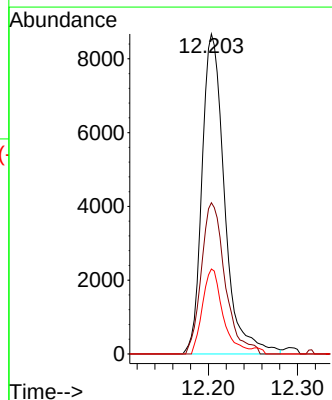
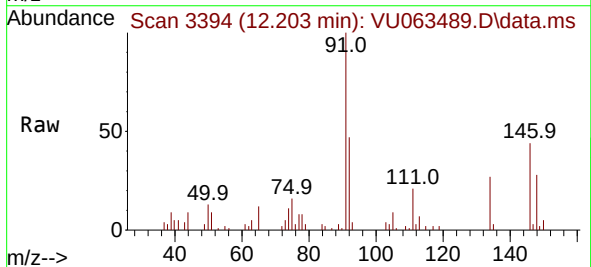
Instrument :
MSVOA_U
ClientSampleId :
MDL05

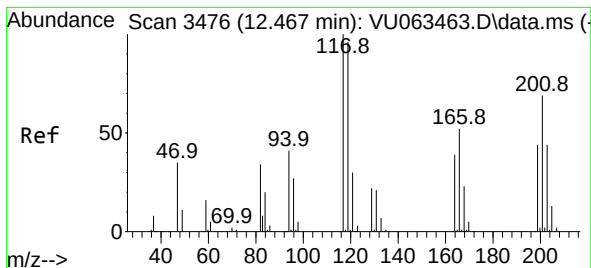
Tgt Ion:146 Resp: 9305
Ion Ratio Lower Upper
146 100
111 53.4 20.8 62.4
148 61.0 31.9 95.9



#89
n-Butylbenzene
Concen: 3.066 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.004 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion: 91 Resp: 15235
Ion Ratio Lower Upper
91 100
92 49.8 26.4 79.2
134 24.0 12.4 37.0





#90

Hexachloroethane

Concen: 2.563 ug/l

RT: 12.464 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

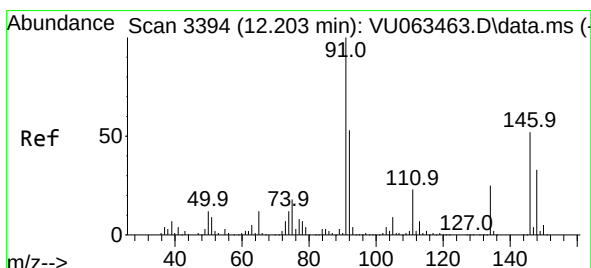
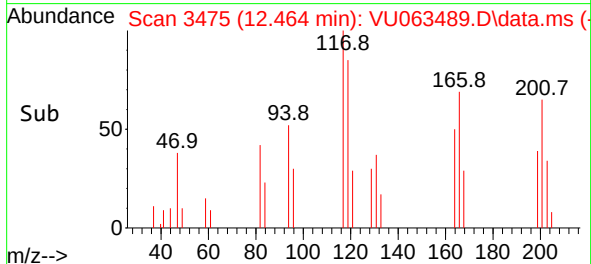
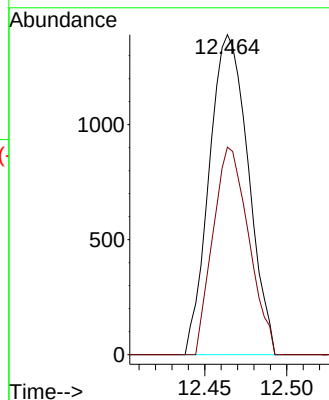
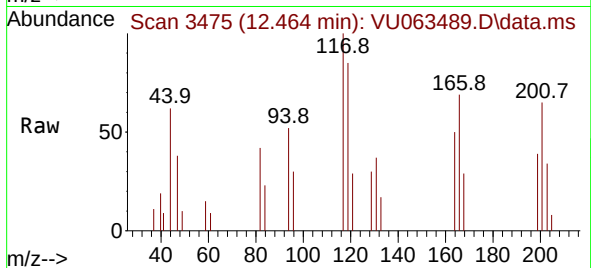
MDL05

Tgt Ion:117 Resp: 2301

Ion Ratio Lower Upper

117 100

201 59.3 34.4 103.2



#91

1,2-Dichlorobenzene

Concen: 2.823 ug/l

RT: 12.210 min Scan# 3396

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

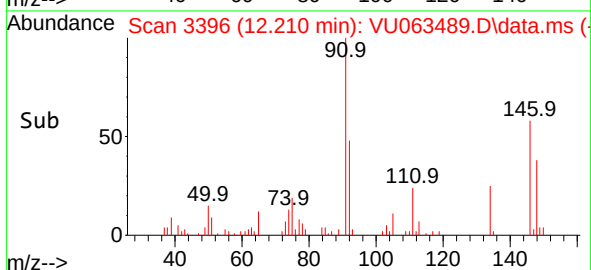
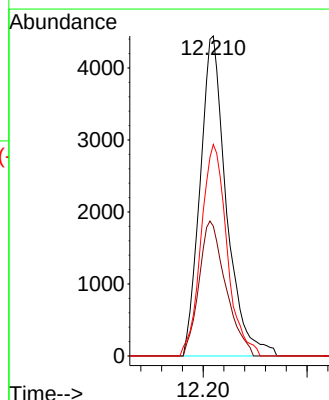
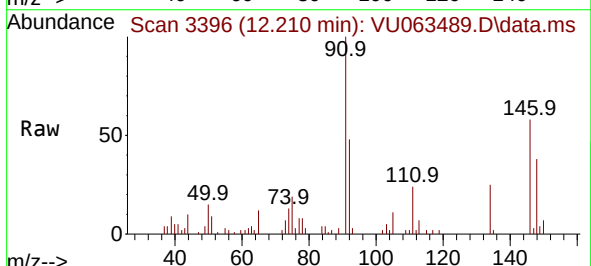
Tgt Ion:146 Resp: 7775

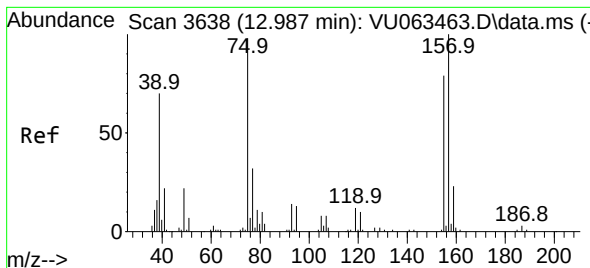
Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.5

148 65.4 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.751 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05

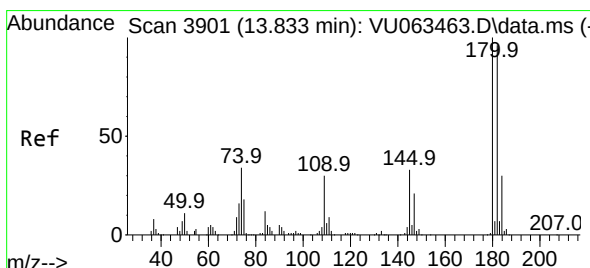
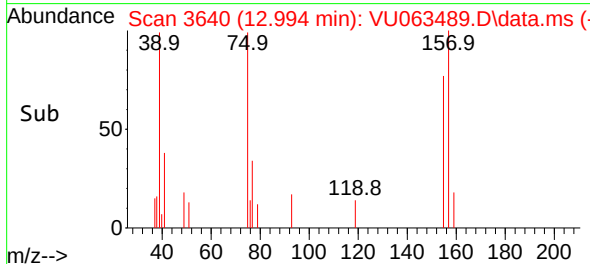
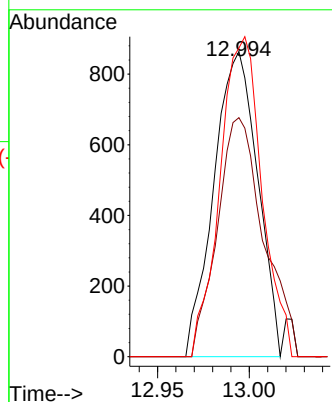
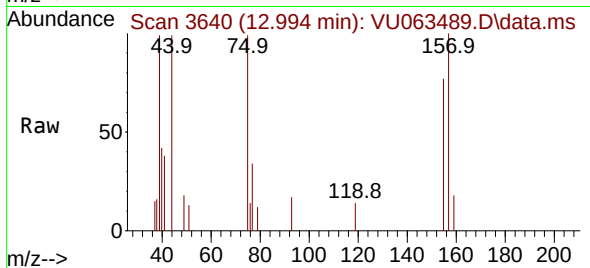
Tgt Ion: 75 Resp: 1434

Ion Ratio Lower Upper

75 100

155 82.8 39.1 117.5

157 100.6 49.4 148.2



#93

1,2,4-Trichlorobenzene

Concen: 3.270 ug/l

RT: 13.840 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU063489.D

Acq: 11 Jul 2025 11:39

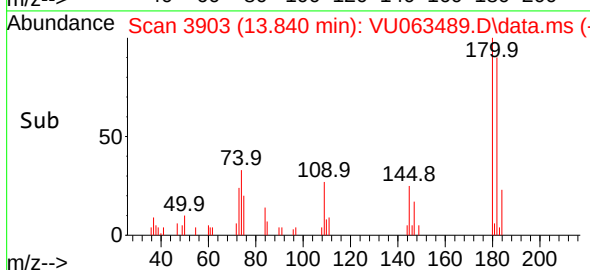
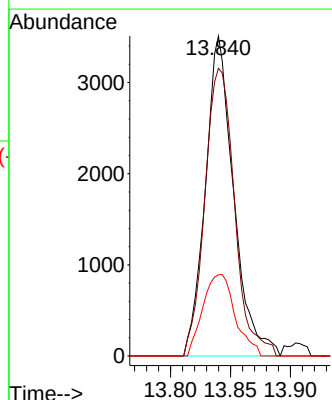
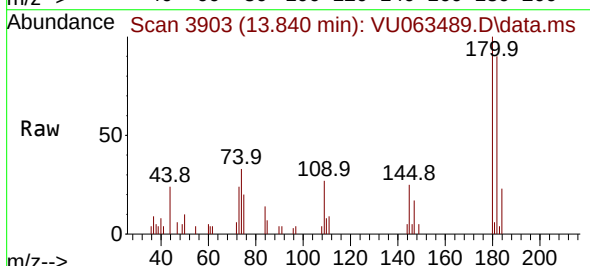
Tgt Ion:180 Resp: 5767

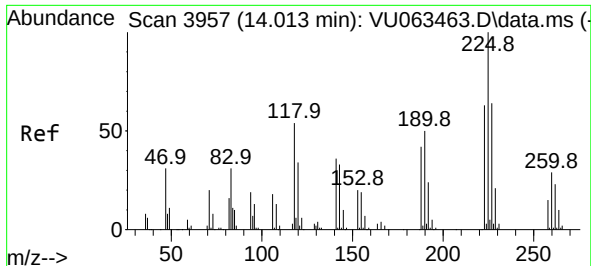
Ion Ratio Lower Upper

180 100

182 94.3 47.7 143.1

145 29.0 16.6 49.7

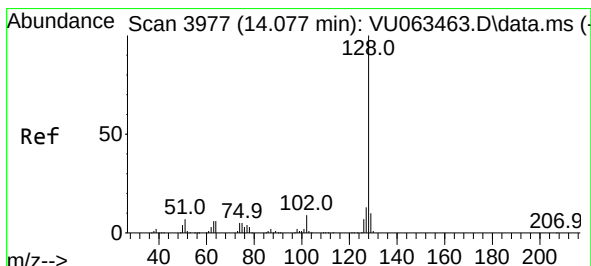
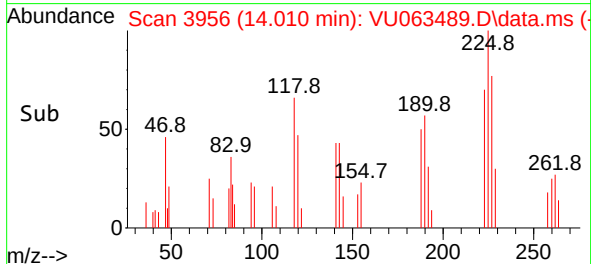
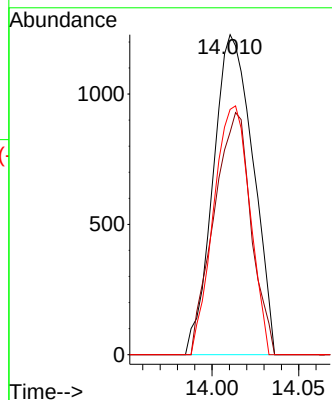
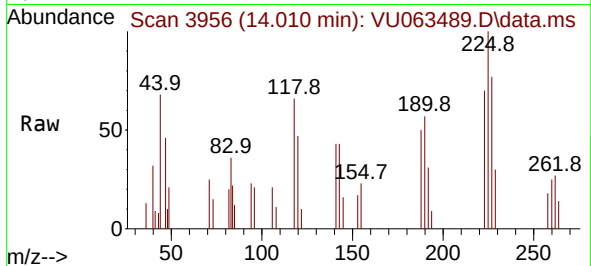




#94
Hexachlorobutadiene
Concen: 2.602 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

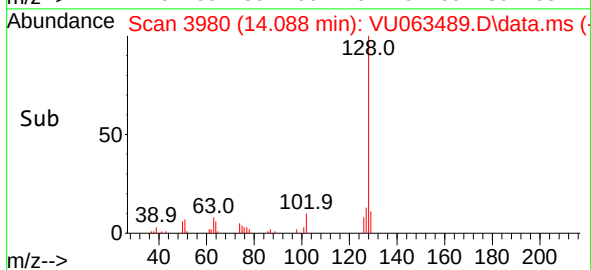
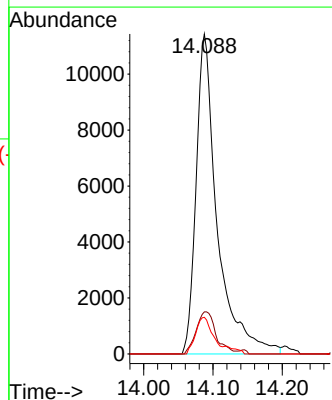
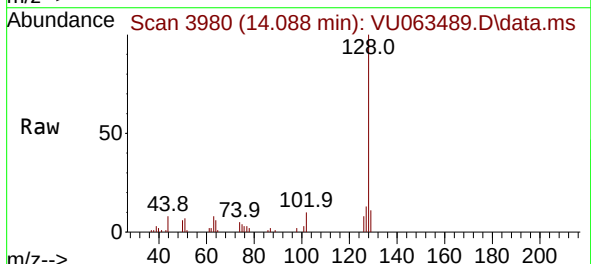
Instrument :
MSVOA_U
ClientSampleId :
MDL05

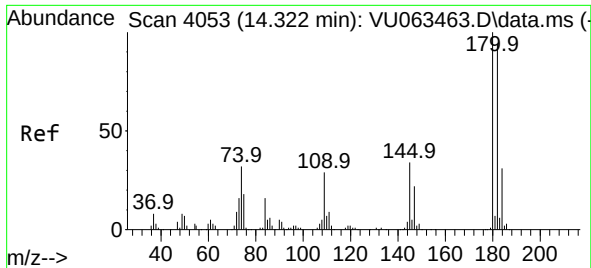
Tgt Ion:	225	Resp:	1962
Ion Ratio	Lower	Upper	
225	100		
223	70.8	32.4	97.0
227	70.7	32.3	96.9



#95
Naphthalene
Concen: 4.199 ug/l
RT: 14.088 min Scan# 3980
Delta R.T. 0.010 min
Lab File: VU063489.D
Acq: 11 Jul 2025 11:39

Tgt Ion:	128	Resp:	24255
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	9.2	8.6	12.8





#96

1,2,3-Trichlorobenzene

Concen: 3.379 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.004 min

Lab File: VU063489.D

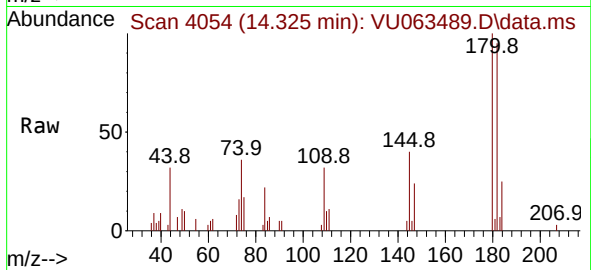
Acq: 11 Jul 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

MDL05



Tgt Ion:180 Resp: 5856

Ion Ratio Lower Upper

180 100

182 88.6 47.8 143.3

145 31.7 17.2 51.5

