

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063495.D
 Acq On : 11 Jul 2025 16:18
 Operator : MD/SY
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jul 12 03:56:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	99863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	182043	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	167879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	85102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	71709	56.281	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.560%	
35) Dibromofluoromethane	5.274	113	56309	51.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	7.888	98	174926	48.904	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	10.624	95	80380	51.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1952	2.458	ug/l	96
3) Chloromethane	1.518	50	2445	2.527	ug/l	97
4) Vinyl Chloride	1.599	62	2940	2.741	ug/l	97
5) Bromomethane	1.843	94	2948	3.923	ug/l	95
6) Chloroethane	1.923	64	2324	2.990	ug/l	94
7) Trichlorofluoromethane	2.126	101	4562	2.636	ug/l	92
8) Diethyl Ether	2.370	74	1741	2.414	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.567	101	2684	2.622	ug/l	98
10) Methyl Iodide	2.711	142	2335	2.184	ug/l #	85
11) Tert butyl alcohol	3.190	59	7879	18.443	ug/l #	88
12) 1,1-Dichloroethene	2.570	96	2589	2.717	ug/l	92
13) Acrolein	2.483	56	1323	21.941	ug/l #	60
14) Allyl chloride	2.907	41	6255	2.758	ug/l #	87
15) Acrylonitrile	3.303	53	14387	15.722	ug/l	97
16) Acetone	2.621	43	14072	13.166	ug/l	97
17) Carbon Disulfide	2.779	76	6751	2.964	ug/l #	94
18) Methyl Acetate	2.939	43	7492	2.724	ug/l	100
19) Methyl tert-butyl Ether	3.361	73	10126	2.464	ug/l	97
20) Methylene Chloride	3.026	84	3812	2.446	ug/l #	94
21) trans-1,2-Dichloroethene	3.335	96	3089	3.018	ug/l	93
22) Diisopropyl ether	3.994	45	10329	2.675	ug/l	97
23) Vinyl Acetate	3.949	43	38758	12.935	ug/l	99
24) 1,1-Dichloroethane	3.843	63	5496	2.508	ug/l #	92
25) 2-Butanone	4.718	43	15601	13.002	ug/l	99
26) 2,2-Dichloropropane	4.647	77	4202	2.204	ug/l	100
27) cis-1,2-Dichloroethene	4.656	96	3577	2.647	ug/l	92
28) Bromochloromethane	4.955	49	3132	3.042	ug/l #	97
29) Tetrahydrofuran	5.062	42	11316	14.951	ug/l	94
30) Chloroform	5.071	83	6037	2.609	ug/l	94
31) Cyclohexane	5.364	56	7079	4.018	ug/l #	71
32) 1,1,1-Trichloroethane	5.296	97	4882	2.478	ug/l	92
36) 1,1-Dichloropropene	5.515	75	4101	2.750	ug/l	88
37) Ethyl Acetate	4.824	43	4217	1.746	ug/l #	89
38) Carbon Tetrachloride	5.508	117	4028	2.452	ug/l	96
39) Methylcyclohexane	6.743	83	4381	2.432	ug/l #	87
40) Benzene	5.766	78	11569	2.484	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.981	41	2054	1.803	ug/l #	93
42) 1,2-Dichloroethane	5.795	62	4609	2.632	ug/l	85
43) Isopropyl Acetate	5.920	43	8048	2.509	ug/l #	88
44) Trichloroethene	6.531	130	2853	2.289	ug/l	95
45) 1,2-Dichloropropane	6.785	63	2977	2.300	ug/l	92
46) Dibromomethane	6.904	93	2330	2.530	ug/l #	83
47) Bromodichloromethane	7.090	83	4461	2.329	ug/l	88
48) Methyl methacrylate	6.968	41	3913	2.640	ug/l	91
49) 1,4-Dioxane	6.975	88	1833	56.348	ug/l #	88
51) 4-Methyl-2-Pentanone	7.788	43	30944	13.329	ug/l	98
52) Toluene	7.962	92	6996	2.297	ug/l	95
53) t-1,3-Dichloropropene	8.209	75	3370	2.011	ug/l	89
54) cis-1,3-Dichloropropene	7.605	75	3815	2.034	ug/l	95
55) 1,1,2-Trichloroethane	8.389	97	3216	2.486	ug/l #	88
56) Ethyl methacrylate	8.335	69	4575	2.193	ug/l #	90
57) 1,3-Dichloropropane	8.573	76	4658	2.185	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.479	63	136	6.277	ug/l #	65
59) 2-Hexanone	8.682	43	22723	12.941	ug/l	99
60) Dibromochloromethane	8.798	129	2857	1.972	ug/l	98
61) 1,2-Dibromoethane	8.917	107	2954	2.327	ug/l	95
64) Tetrachloroethene	8.541	164	3028	2.423	ug/l	91
65) Chlorobenzene	9.438	112	8921	2.554	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.524	131	2586	2.159	ug/l	92
67) Ethyl Benzene	9.563	91	15020	2.502	ug/l	99
68) m/p-Xylenes	9.688	106	11150	4.867	ug/l	97
69) o-Xylene	10.094	106	5257	2.257	ug/l	98
70) Styrene	10.113	104	7776	2.100	ug/l	92
71) Bromoform	10.277	173	1901	1.821	ug/l #	97
73) Isopropylbenzene	10.476	105	14569	2.516	ug/l	95
74) N-amyl acetate	10.322	43	5991	2.307	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.775	83	5144	2.413	ug/l	98
76) 1,2,3-Trichloropropane	10.817	75	5682	2.520	ug/l #	81
77) Bromobenzene	10.775	156	3047	2.147	ug/l	70
78) n-propylbenzene	10.897	91	16716	2.489	ug/l	98
79) 2-Chlorotoluene	10.981	91	10193	2.420	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	11600	2.290	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.624	75	43028	95.165	ug/l #	12
82) 4-Chlorotoluene	11.093	91	12271	2.566	ug/l	97
83) tert-Butylbenzene	11.412	119	11872	2.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.463	105	11350	2.282	ug/l	100
85) sec-Butylbenzene	11.637	105	15010	2.342	ug/l	100
86) p-Isopropyltoluene	11.785	119	11850	2.279	ug/l	94
87) 1,3-Dichlorobenzene	11.740	146	6901	2.523	ug/l	91
88) 1,4-Dichlorobenzene	11.827	146	7405	2.655	ug/l	88
89) n-Butylbenzene	12.206	91	12279	2.551	ug/l	96
90) Hexachloroethane	12.466	117	1742	2.003	ug/l	88
91) 1,2-Dichlorobenzene	12.212	146	6636	2.488	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.991	75	1509	2.989	ug/l	69
93) 1,2,4-Trichlorobenzene	13.839	180	4041	2.366	ug/l	97
94) Hexachlorobutadiene	14.013	225	1799	2.464	ug/l	88
95) Naphthalene	14.090	128	15481	2.767	ug/l	98
96) 1,2,3-Trichlorobenzene	14.325	180	4251	2.532	ug/l	96

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

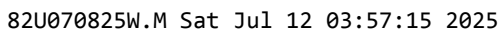
Instrument :
MSVOA_U
ClientSampleId :
MDL05

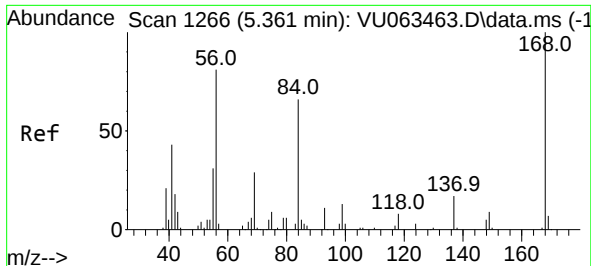
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Quant Title : SW846 8260
QLast Update : Sat Jul 12 03:41:46 2025
Response via : Initial Calibration

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

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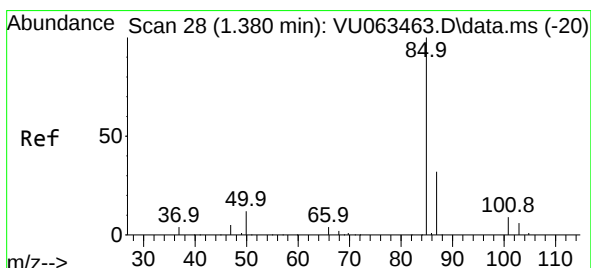
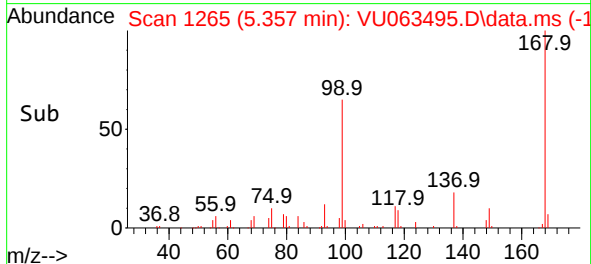
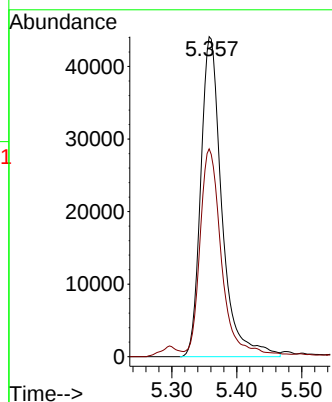
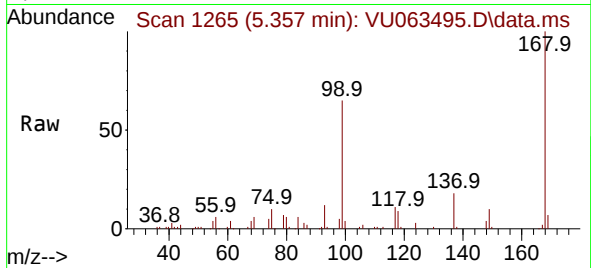




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063495.D
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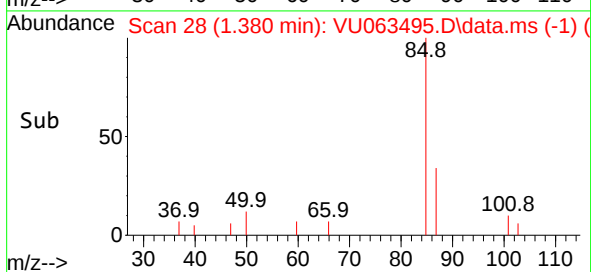
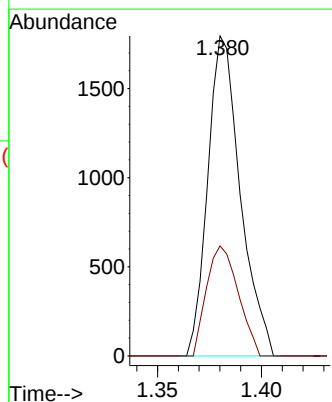
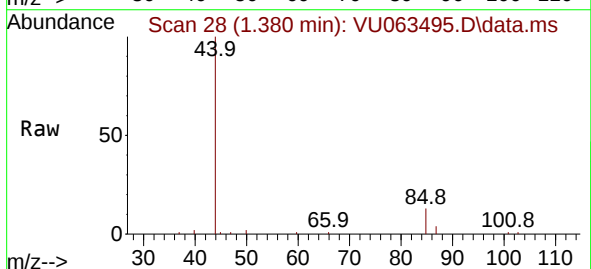
Instrument :
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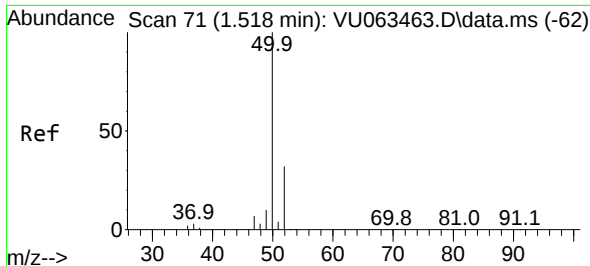
Tgt Ion:168 Resp: 99863
Ion Ratio Lower Upper
168 100
99 64.0 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.458 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 85 Resp: 1952
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2

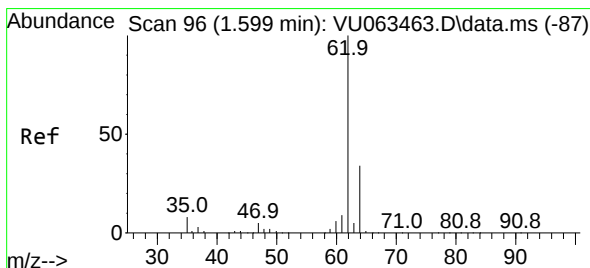
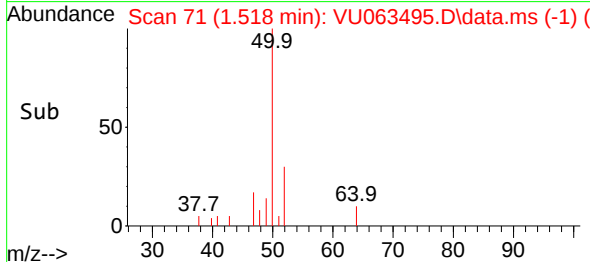
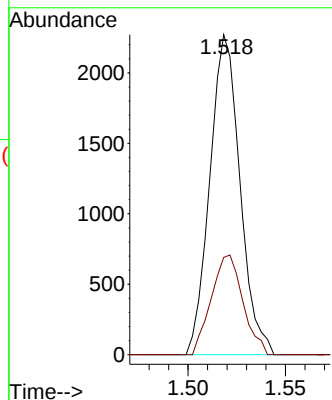
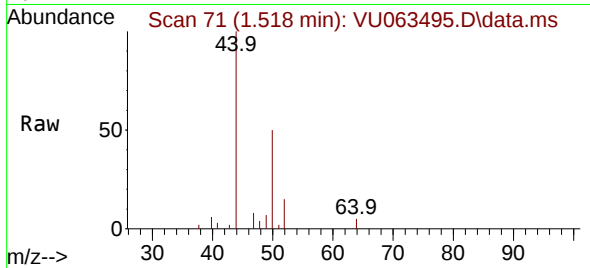




#3
Chloromethane
Concen: 2.527 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

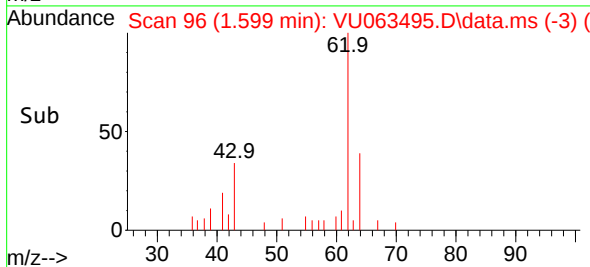
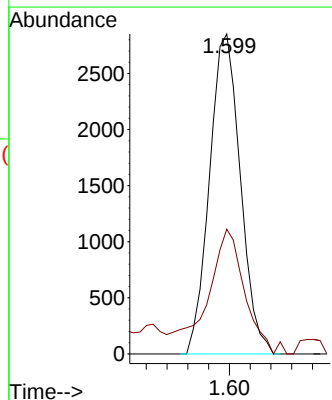
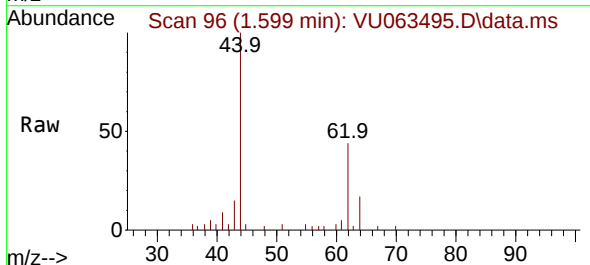
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ClientSampleId :
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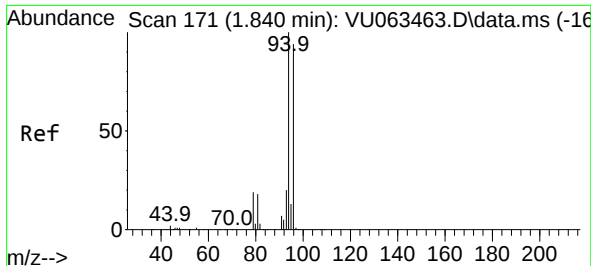
Tgt Ion: 50 Resp: 2445
Ion Ratio Lower Upper
50 100
52 30.4 25.8 38.8



#4
Vinyl Chloride
Concen: 2.741 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 62 Resp: 2940
Ion Ratio Lower Upper
62 100
64 35.2 26.9 40.3

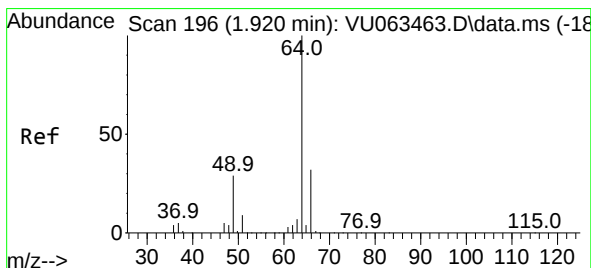
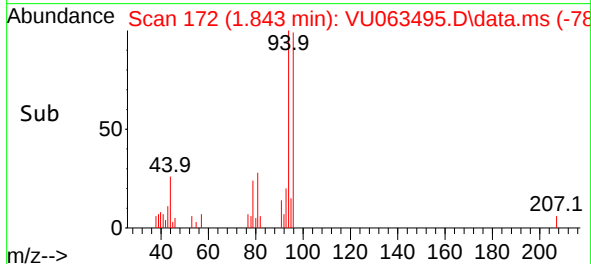
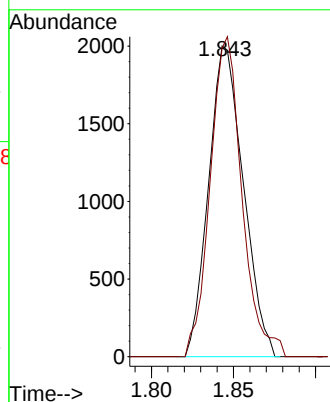
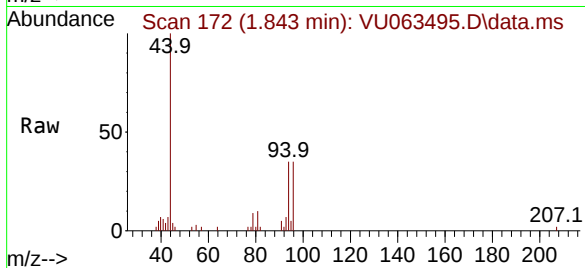




#5
Bromomethane
Concen: 3.923 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

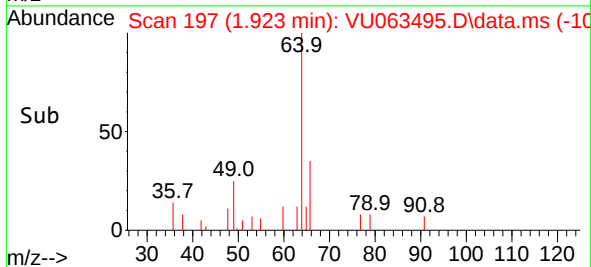
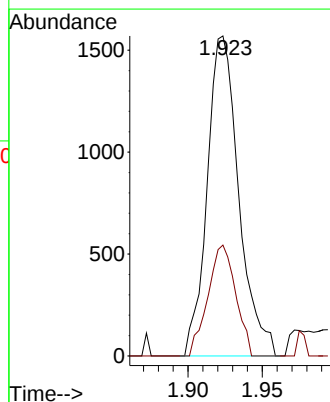
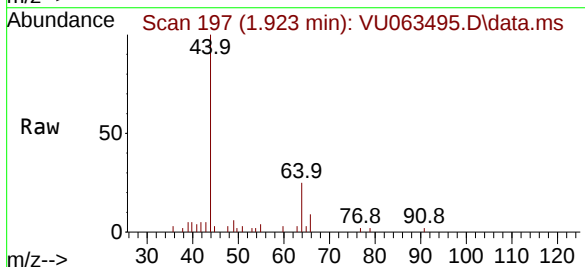
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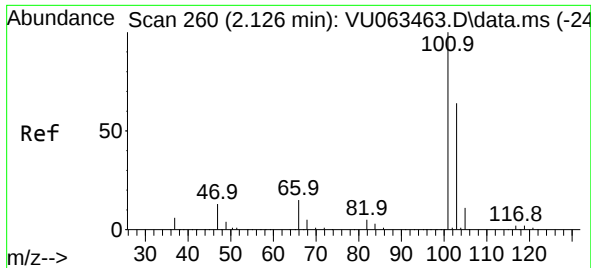
Tgt Ion: 94 Resp: 2948
Ion Ratio Lower Upper
94 100
96 99.4 75.5 113.3



#6
Chloroethane
Concen: 2.990 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 64 Resp: 2324
Ion Ratio Lower Upper
64 100
66 34.6 25.3 37.9

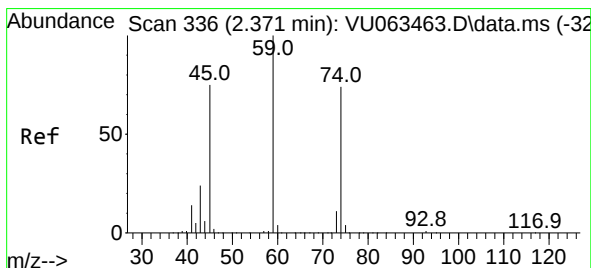
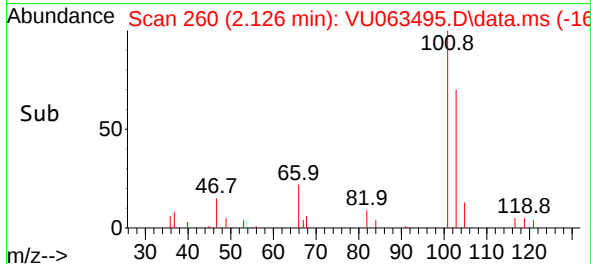
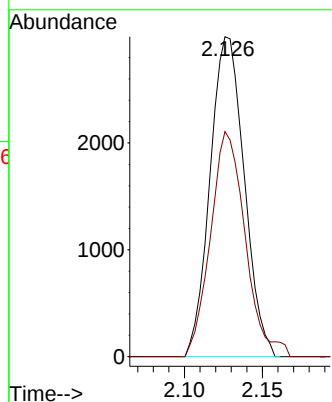
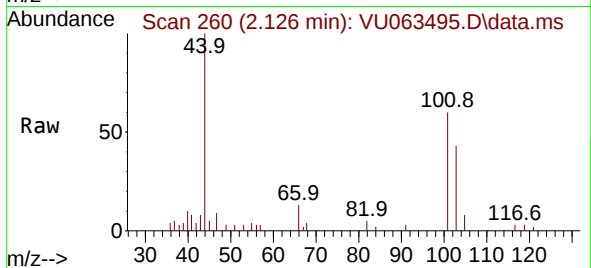




#7
Trichlorofluoromethane
Concen: 2.636 ug/l
RT: 2.126 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

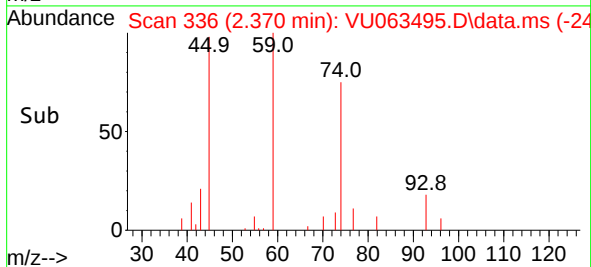
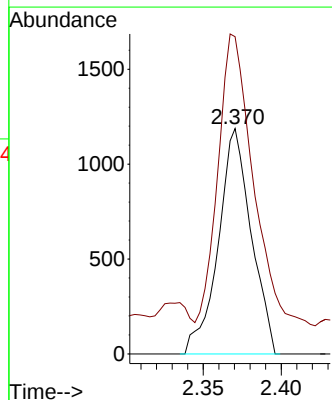
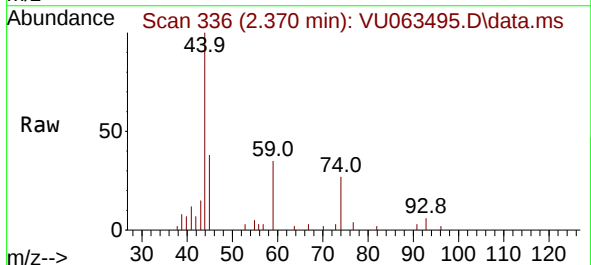
Instrument :
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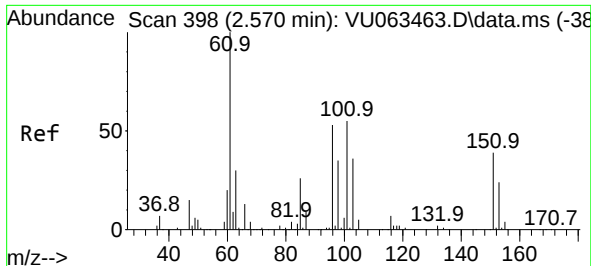
Tgt Ion:101 Resp: 4562
Ion Ratio Lower Upper
101 100
103 70.4 51.1 76.7



#8
Diethyl Ether
Concen: 2.414 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 74 Resp: 1741
Ion Ratio Lower Upper
74 100
45 137.5 49.7 149.1

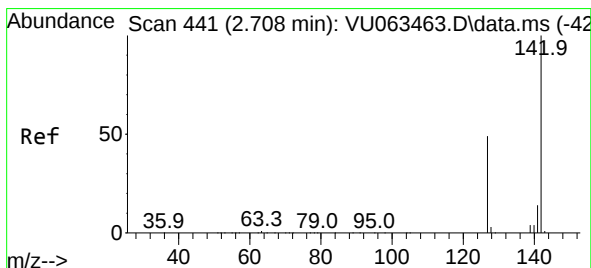
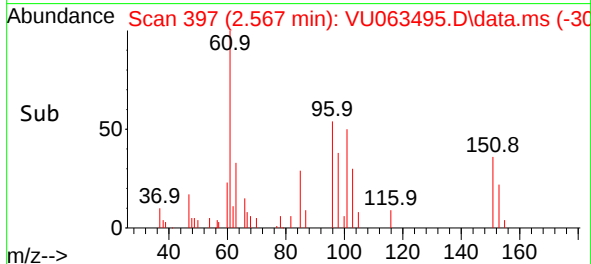
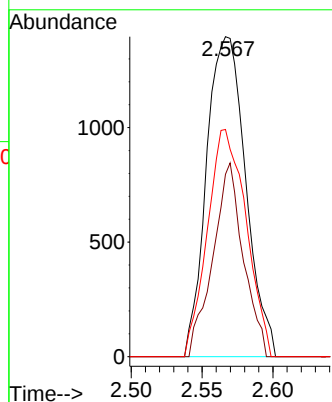
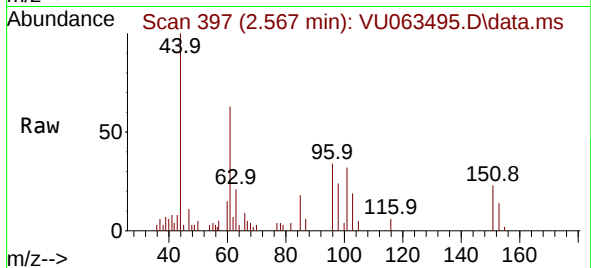




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.622 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

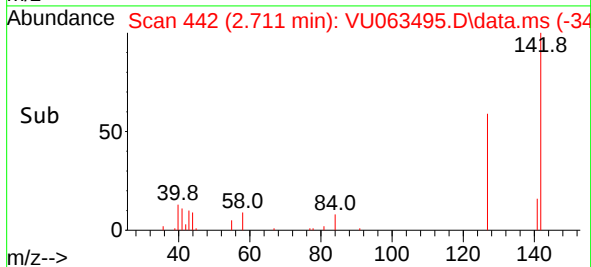
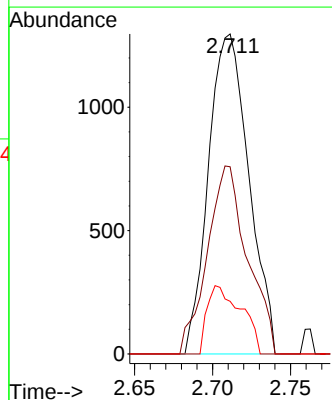
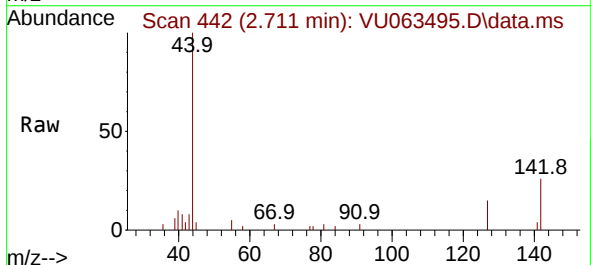
Instrument :
MSVOA_U
ClientSampleId :
MDL05

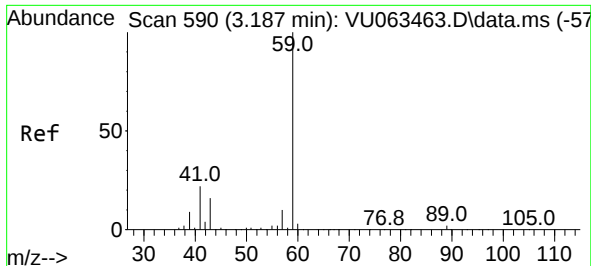
Tgt Ion:101 Resp: 2684
Ion Ratio Lower Upper
101 100
85 47.1 39.6 59.4
151 70.3 57.2 85.8



#10
Methyl Iodide
Concen: 2.184 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:142 Resp: 2335
Ion Ratio Lower Upper
142 100
127 58.5 38.2 57.4#
141 17.9 11.1 16.7#

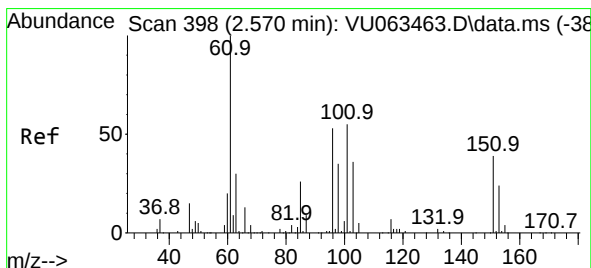
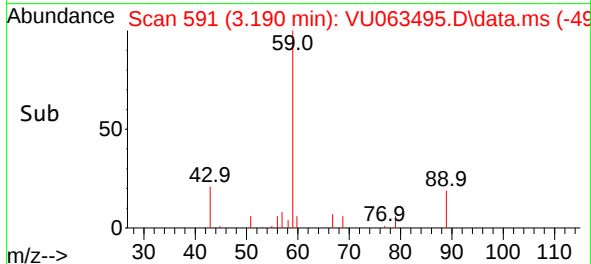
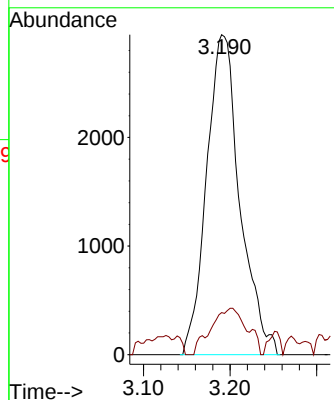
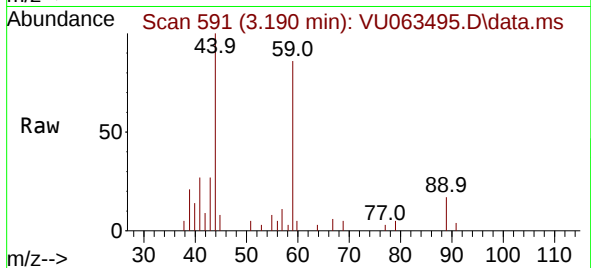




#11
Tert butyl alcohol
Concen: 18.443 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

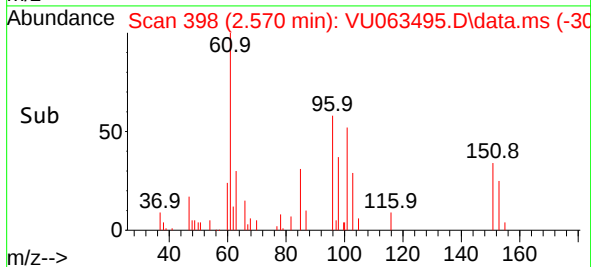
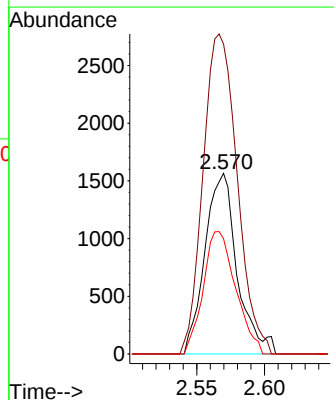
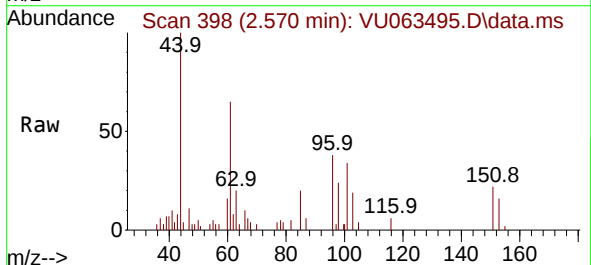
Instrument :
MSVOA_U
ClientSampleId :
MDL05

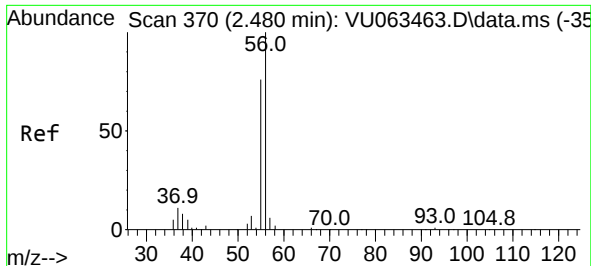
Tgt Ion: 59 Resp: 7879
Ion Ratio Lower Upper
59 100
57 15.6 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 2.717 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 96 Resp: 2589
Ion Ratio Lower Upper
96 100
61 171.6 149.6 224.4
98 63.8 52.0 78.0





#13

Acrolein

Concen: 21.941 ug/l

RT: 2.483 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

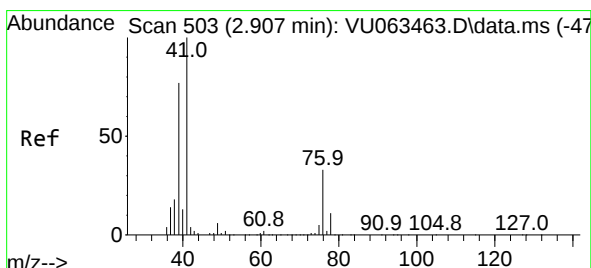
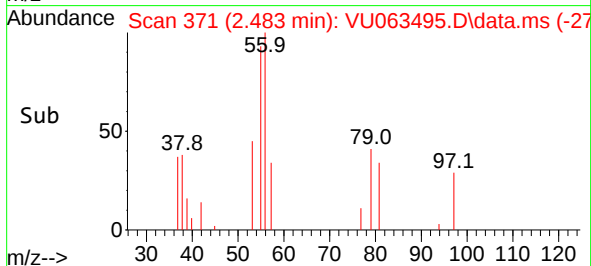
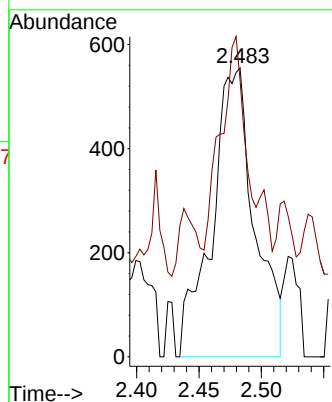
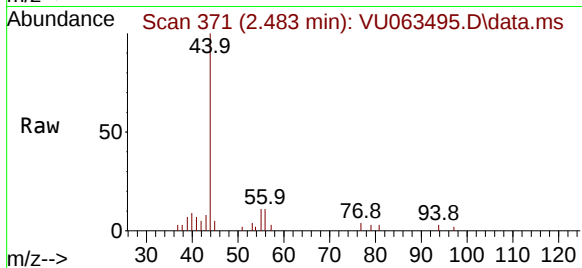
MDL05

Tgt Ion: 56 Resp: 1323

Ion Ratio Lower Upper

56 100

55 41.5 60.2 90.2#



#14

Allyl chloride

Concen: 2.758 ug/l

RT: 2.907 min Scan# 503

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

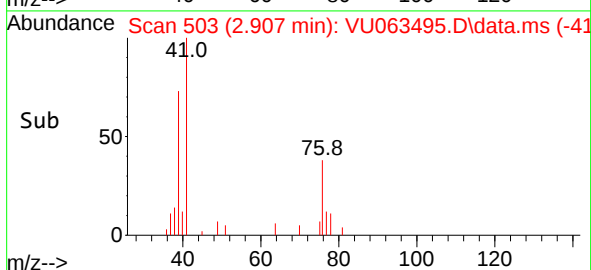
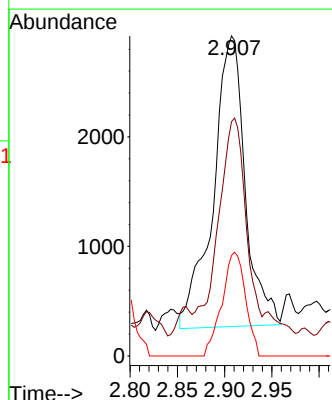
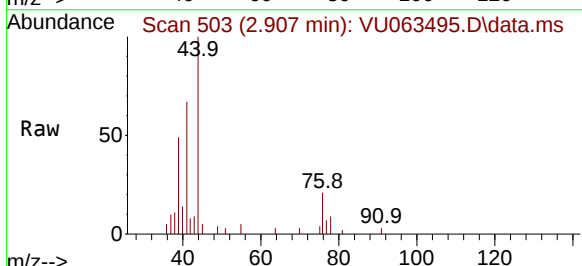
Tgt Ion: 41 Resp: 6255

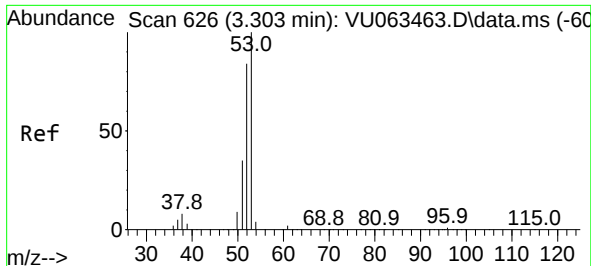
Ion Ratio Lower Upper

41 100

39 53.8 53.9 80.9#

76 26.2 23.1 34.7

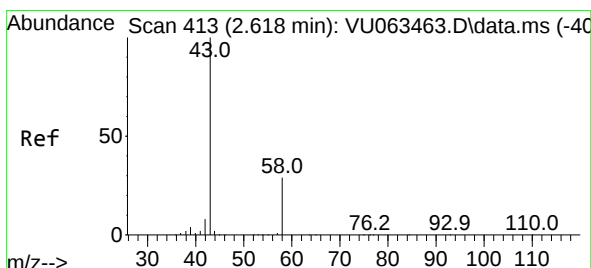
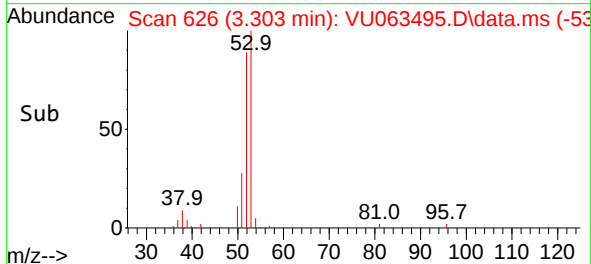
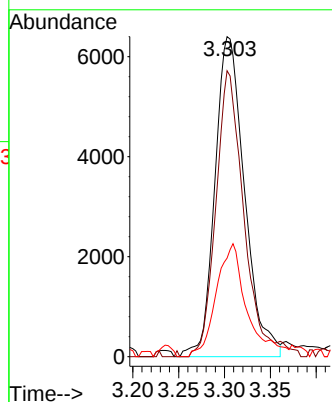
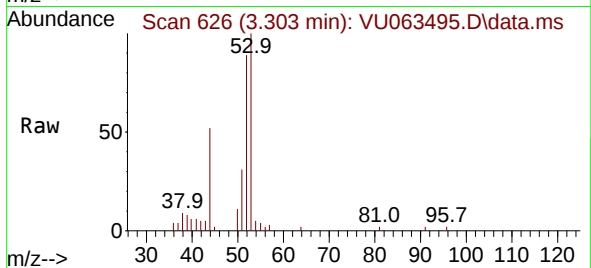




#15
Acrylonitrile
Concen: 15.722 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

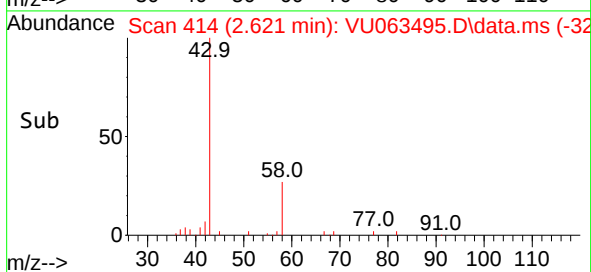
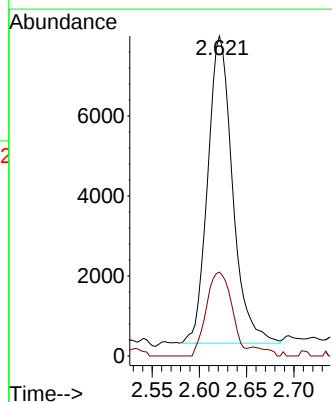
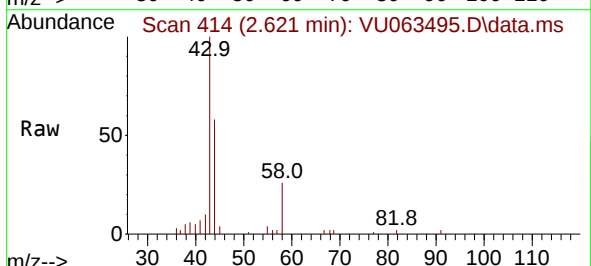
Instrument :
MSVOA_U
ClientSampleId :
MDL05

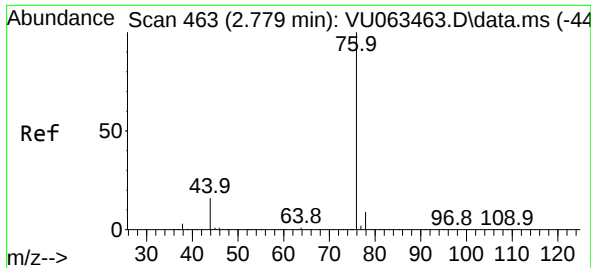
Tgt Ion:	53	Resp:	14387
Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.0	97.4
51	36.5	28.8	43.2



#16
Acetone
Concen: 13.166 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:	43	Resp:	14072
Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.1	34.7

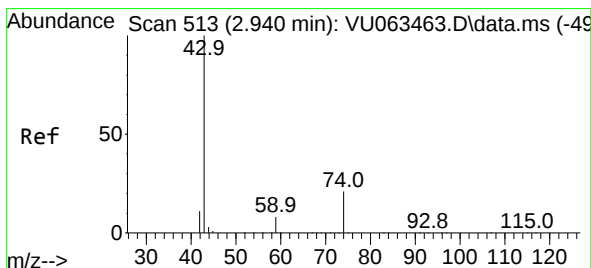
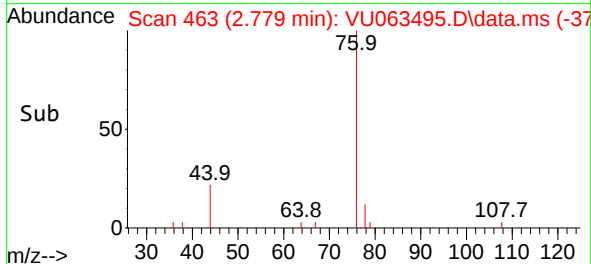
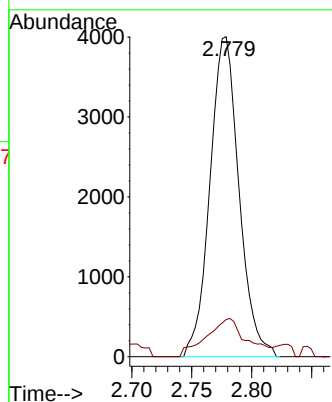
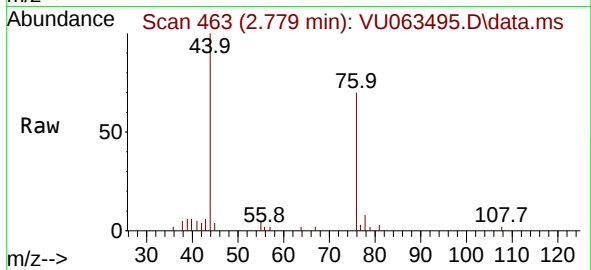




#17
Carbon Disulfide
Concen: 2.964 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

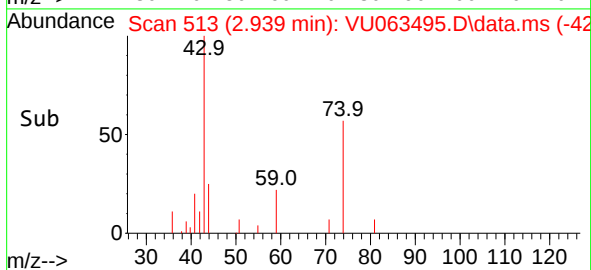
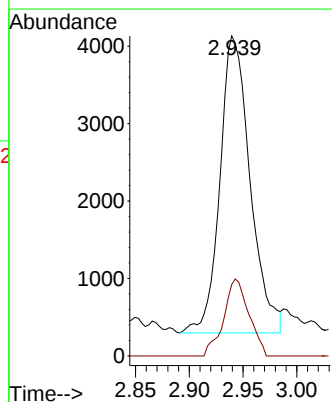
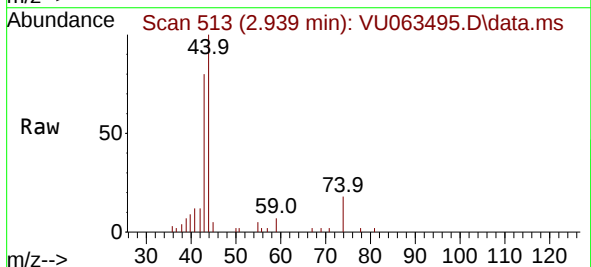
Instrument :
MSVOA_U
ClientSampleId :
MDL05

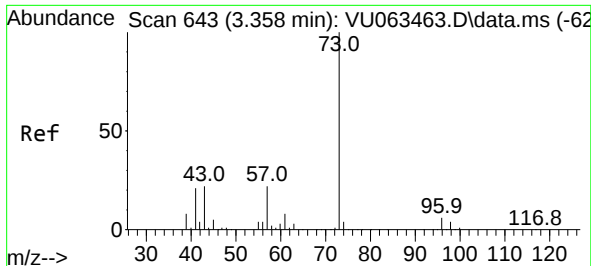
Tgt Ion: 76 Resp: 6751
Ion Ratio Lower Upper
76 100
78 11.6 7.5 11.3#



#18
Methyl Acetate
Concen: 2.724 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 43 Resp: 7492
Ion Ratio Lower Upper
43 100
74 21.5 17.3 25.9





#19

Methyl tert-butyl Ether

Concen: 2.464 ug/l

RT: 3.361 min Scan# 64

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

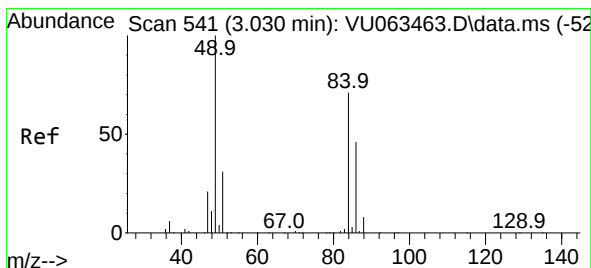
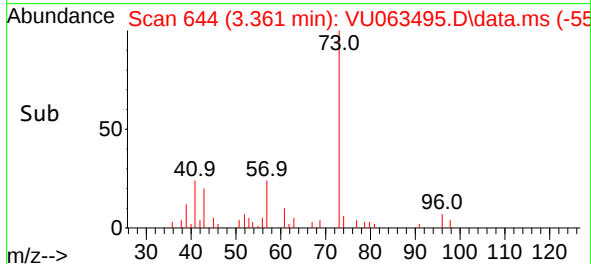
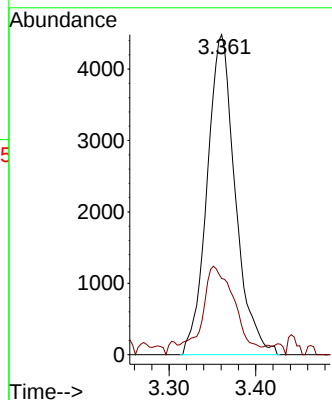
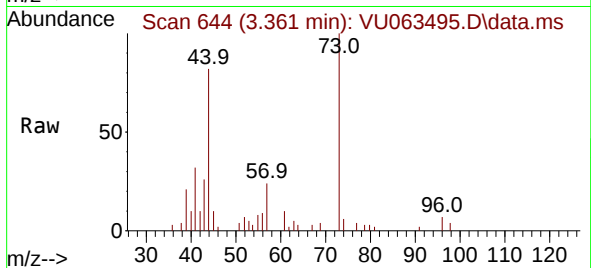
MDL05

Tgt Ion: 73 Resp: 10126

Ion Ratio Lower Upper

73 100

57 20.7 17.8 26.6



#20

Methylene Chloride

Concen: 2.446 ug/l

RT: 3.026 min Scan# 540

Delta R.T. -0.004 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Tgt Ion: 84 Resp: 3812

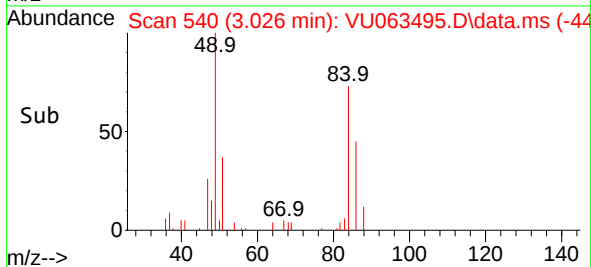
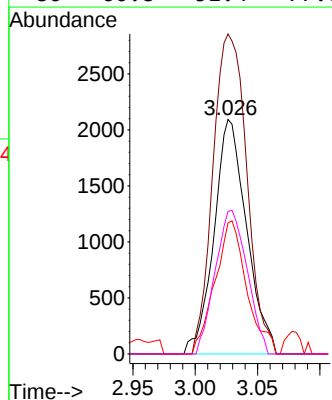
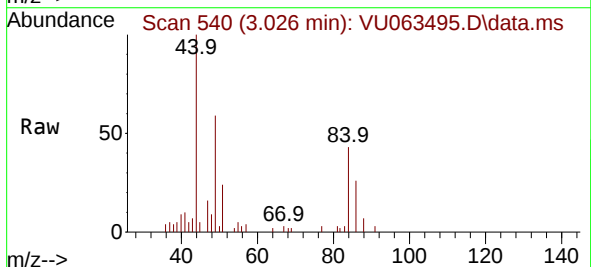
Ion Ratio Lower Upper

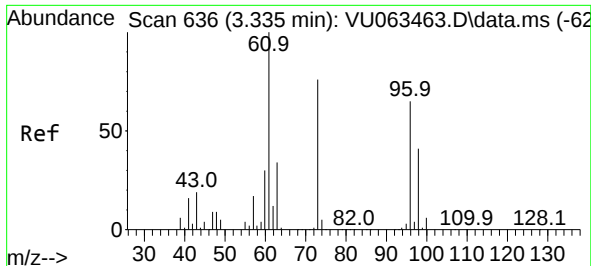
84 100

49 136.4 112.1 168.1

51 55.9 34.4 51.6#

86 60.8 51.4 77.0

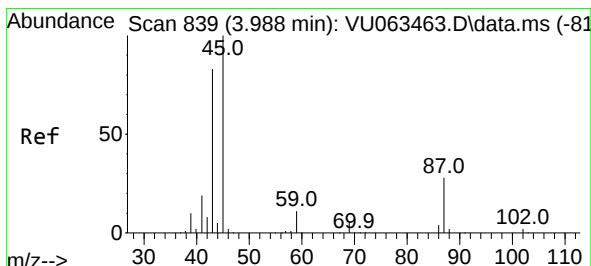
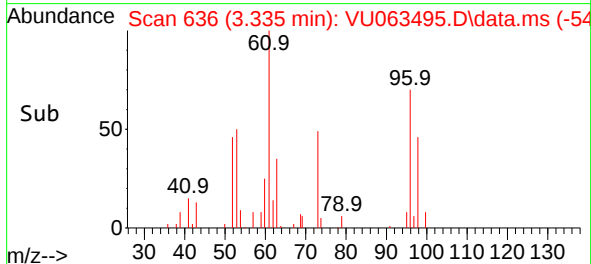
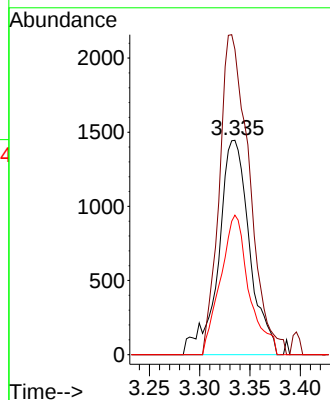
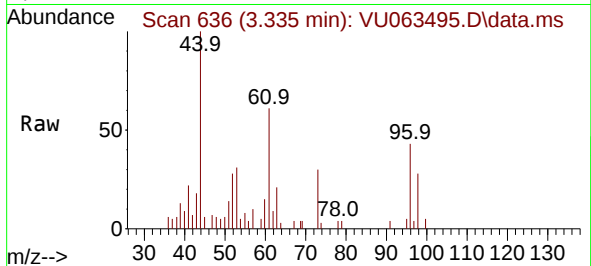




#21
trans-1,2-Dichloroethene
Concen: 3.018 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

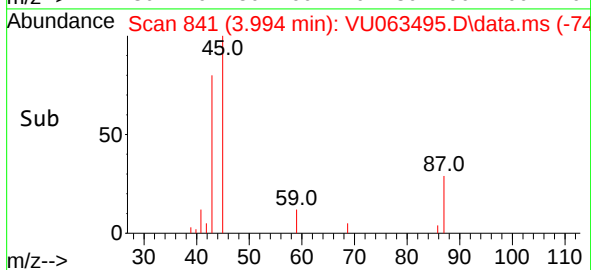
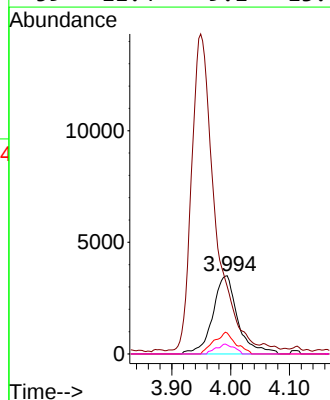
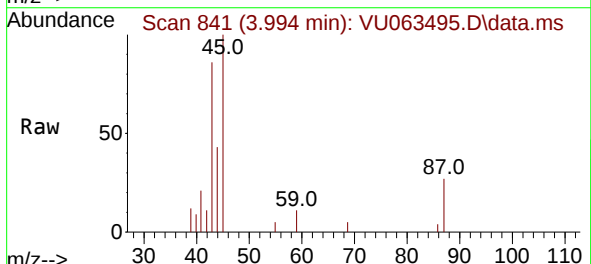
Instrument :
MSVOA_U
ClientSampleId :
MDL05

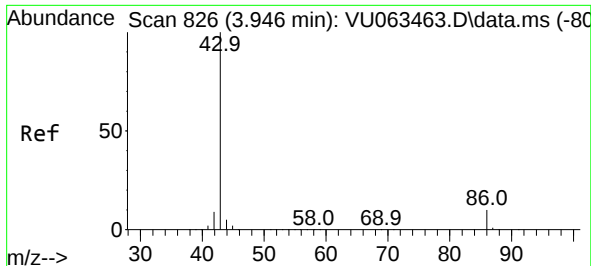
Tgt Ion: 96 Resp: 3089
Ion Ratio Lower Upper
96 100
61 142.4 122.2 183.4
98 65.1 49.9 74.9



#22
Diisopropyl ether
Concen: 2.675 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 45 Resp: 10329
Ion Ratio Lower Upper
45 100
43 79.8 66.5 99.7
87 26.8 22.6 33.8
59 11.4 9.1 13.7

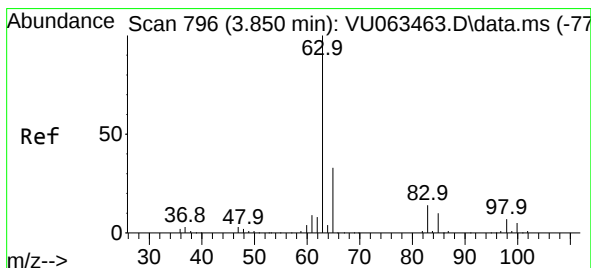
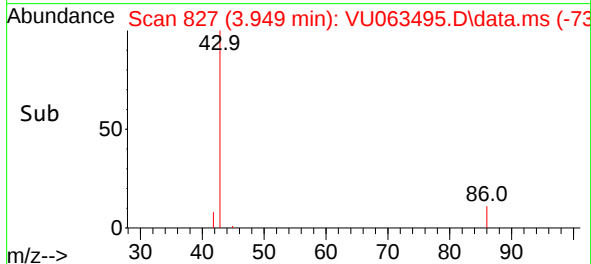
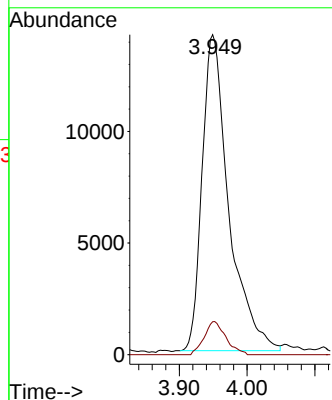
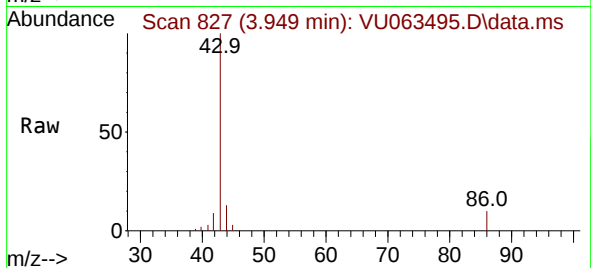




#23
 Vinyl Acetate
 Concen: 12.935 ug/l
 RT: 3.949 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

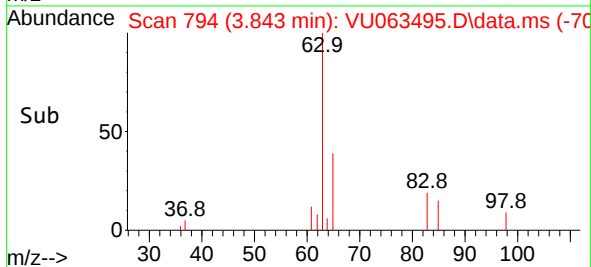
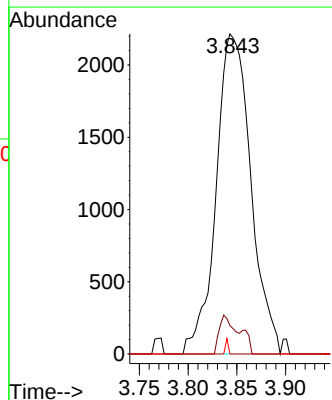
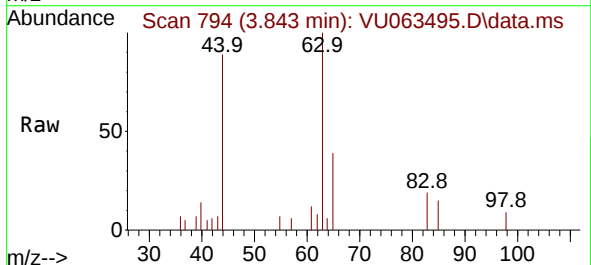
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

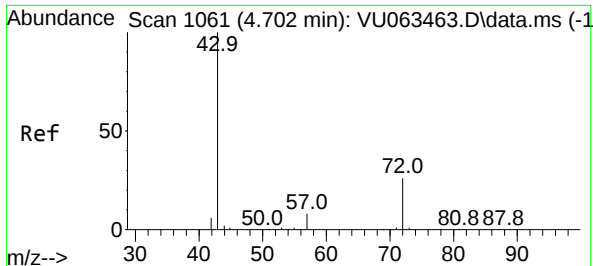
Tgt Ion: 43 Resp: 38758
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.508 ug/l
 RT: 3.843 min Scan# 794
 Delta R.T. -0.007 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Tgt Ion: 63 Resp: 5496
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.6 10.9
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 13.002 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.016 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

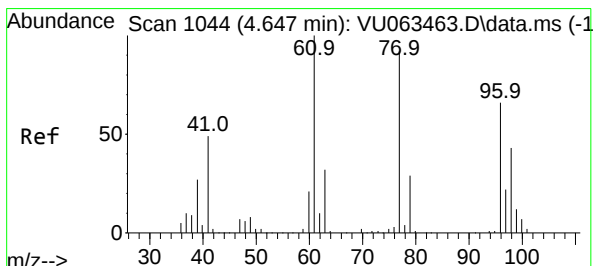
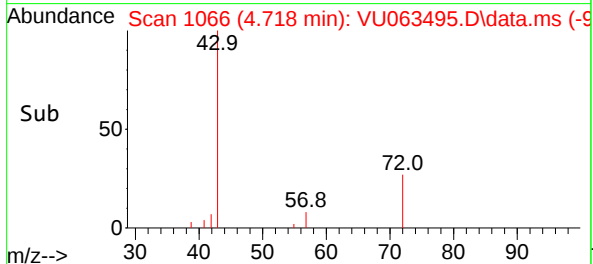
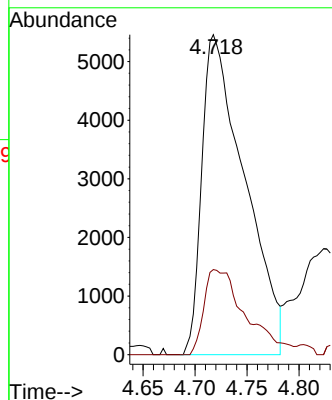
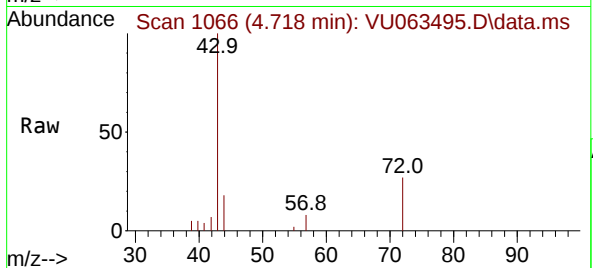
MDL05

Tgt Ion: 43 Resp: 15601

Ion Ratio Lower Upper

43 100

72 26.6 20.7 31.1



#26

2,2-Dichloropropane

Concen: 2.204 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063495.D

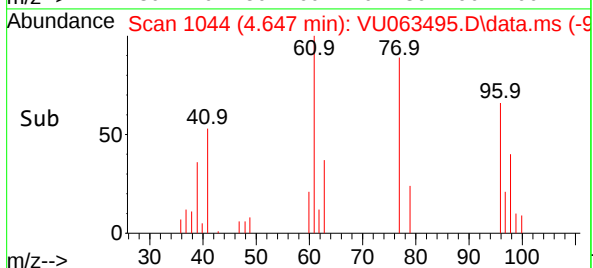
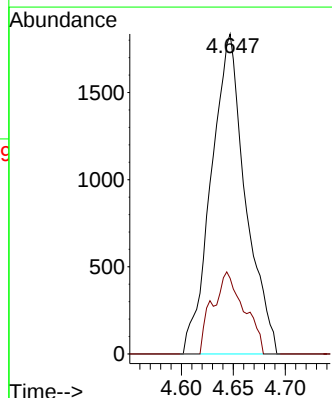
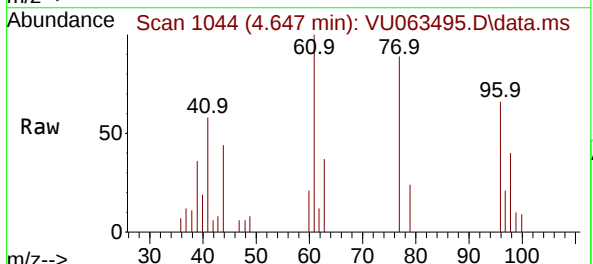
Acq: 11 Jul 2025 16:18

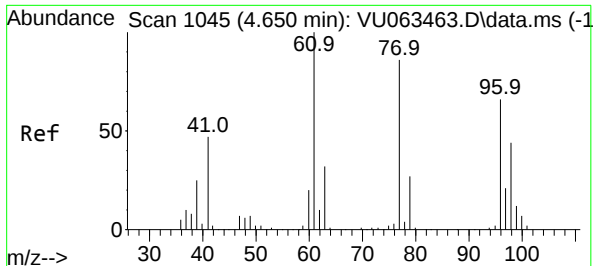
Tgt Ion: 77 Resp: 4202

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3



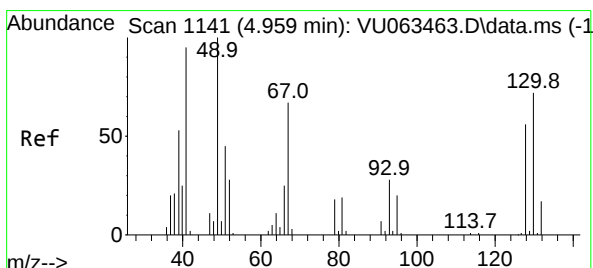
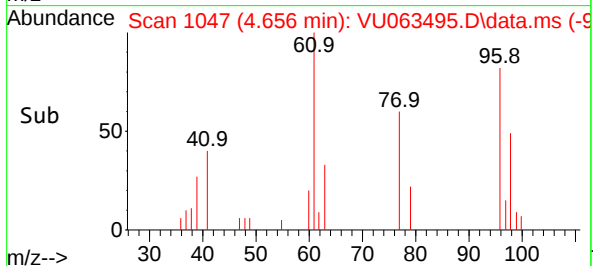
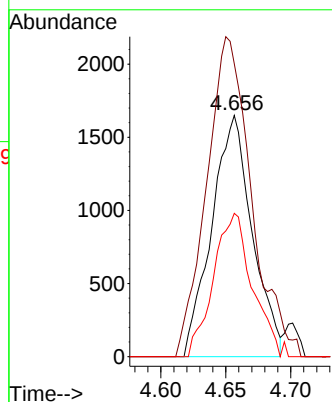
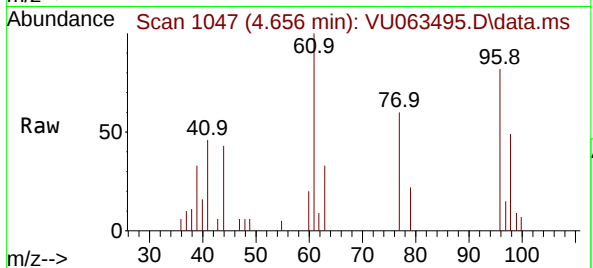


#27
 cis-1,2-Dichloroethene
 Concen: 2.647 ug/l
 RT: 4.656 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Tgt Ion: 96 Resp: 3577

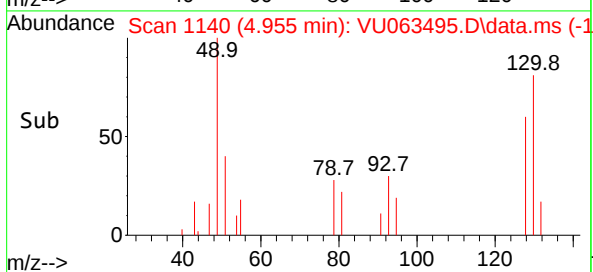
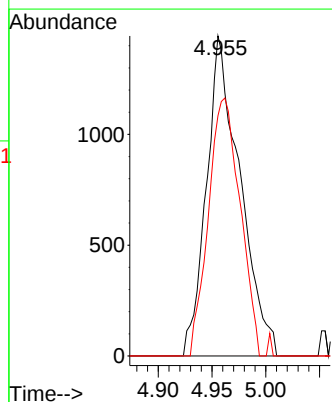
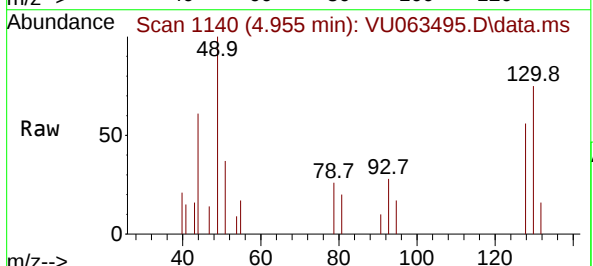
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	307.2
98	57.1	0.0	133.0

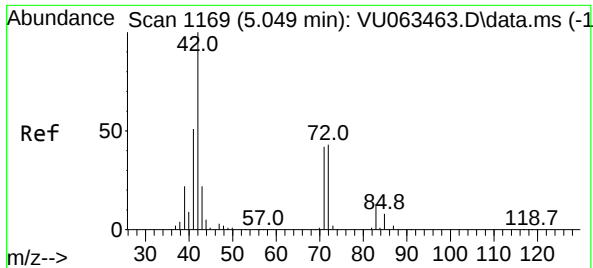


#28
 Bromochloromethane
 Concen: 3.042 ug/l
 RT: 4.955 min Scan# 1140
 Delta R.T. -0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Tgt Ion: 49 Resp: 3132

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	76.0	59.0	88.4

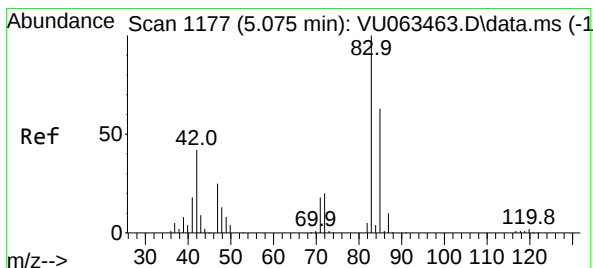
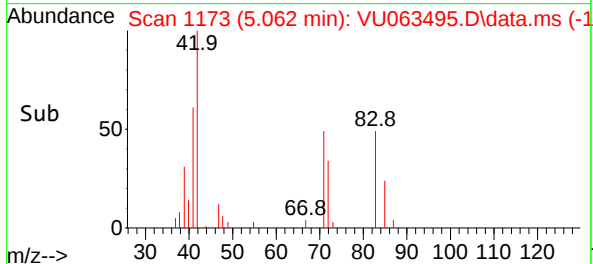
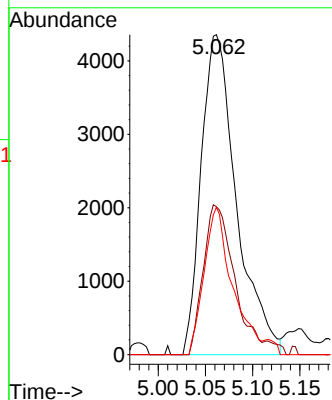
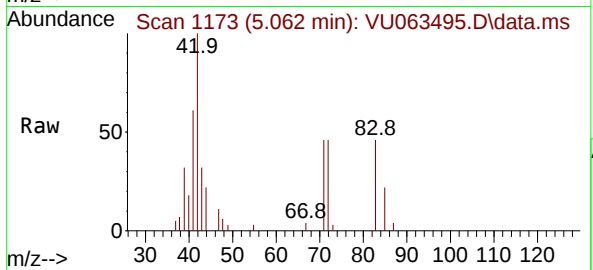




#29
Tetrahydrofuran
Concen: 14.951 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

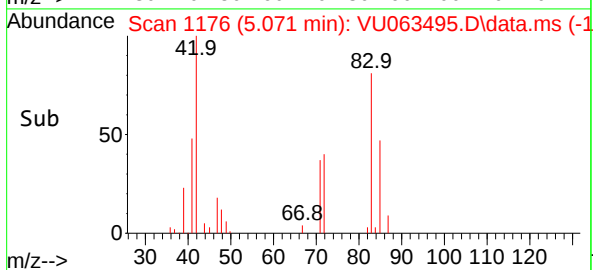
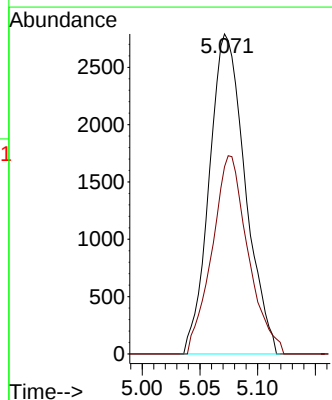
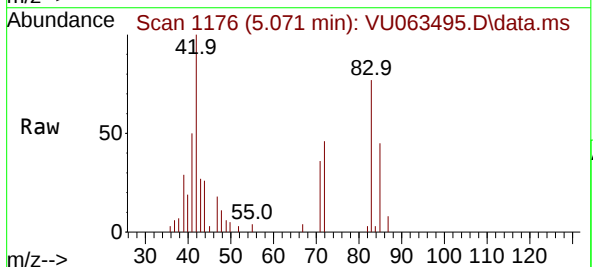
Instrument :
MSVOA_U
ClientSampleId :
MDL05

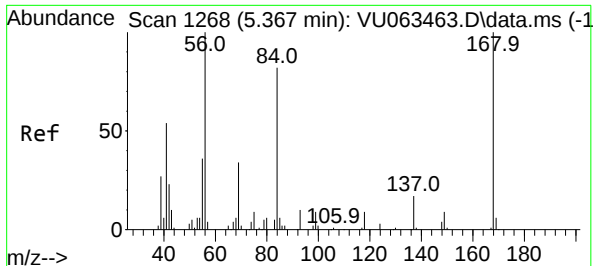
Tgt Ion:	42	Resp:	11316
Ion Ratio	Lower	Upper	
42	100		
72	42.6	36.2	54.4
71	36.9	33.3	49.9



#30
Chloroform
Concen: 2.609 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:	83	Resp:	6037
Ion Ratio	Lower	Upper	
83	100		
85	58.5	50.7	76.1





#31

Cyclohexane

Concen: 4.018 ug/l

RT: 5.364 min Scan# 1267

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

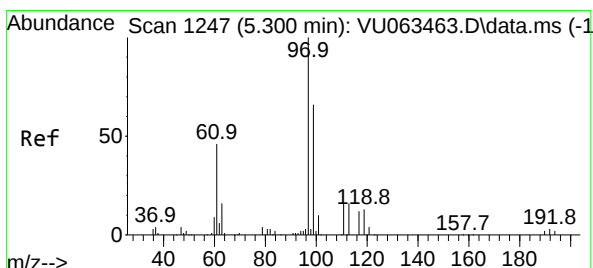
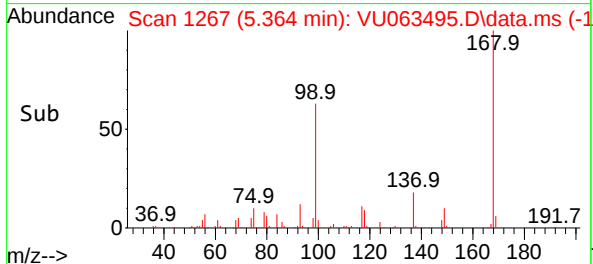
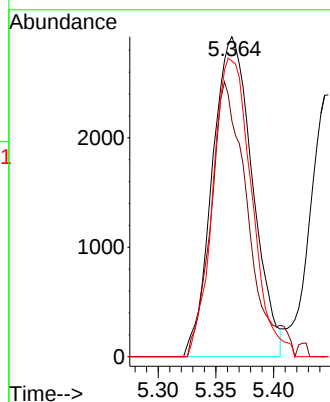
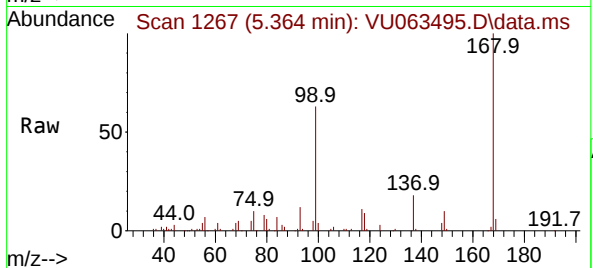
Tgt Ion: 56 Resp: 7079

Ion Ratio Lower Upper

56 100

69 73.7 27.0 40.4#

84 92.4 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 2.478 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

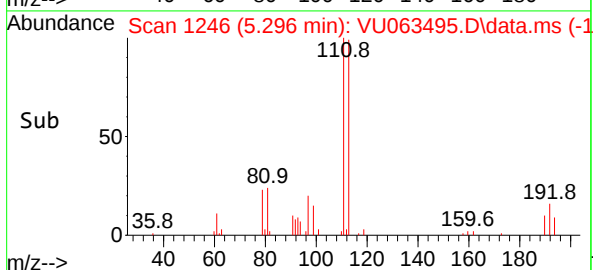
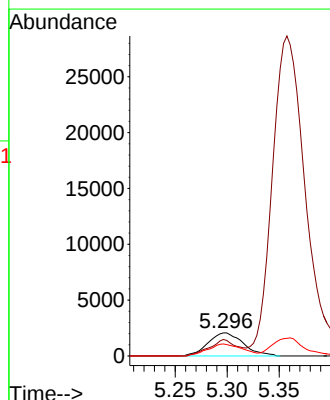
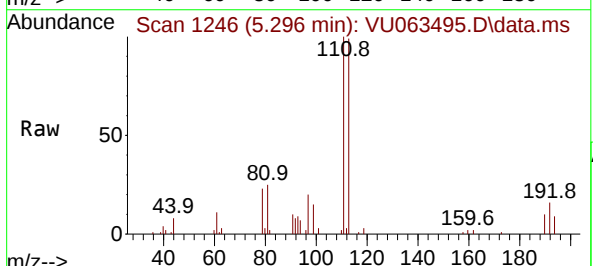
Tgt Ion: 97 Resp: 4882

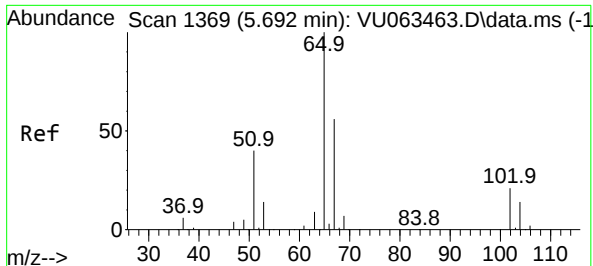
Ion Ratio Lower Upper

97 100

99 57.0 50.4 75.6

61 50.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.281 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

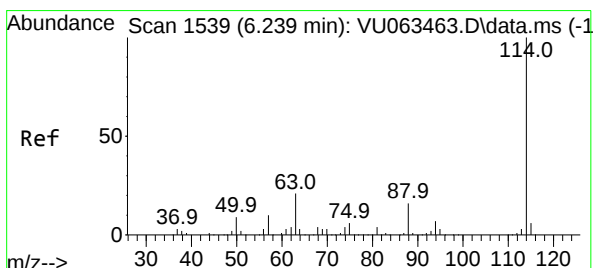
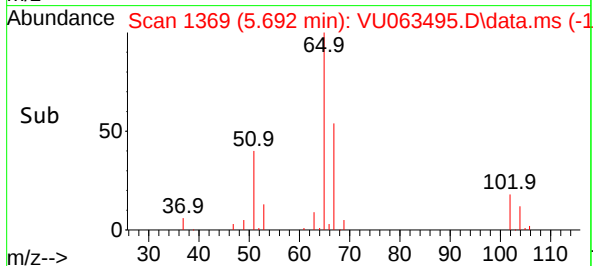
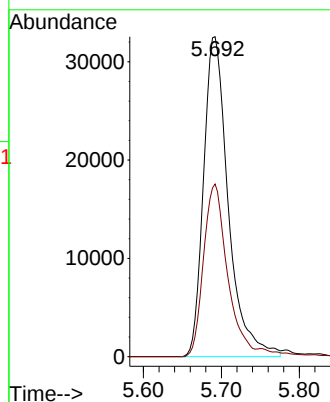
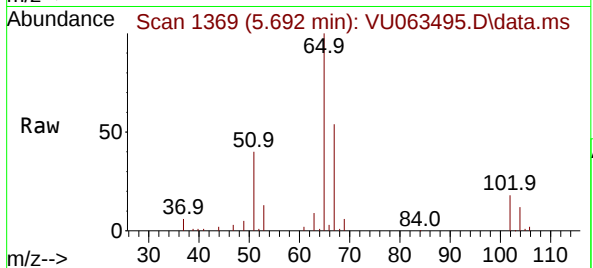
MDL05

Tgt Ion: 65 Resp: 71709

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

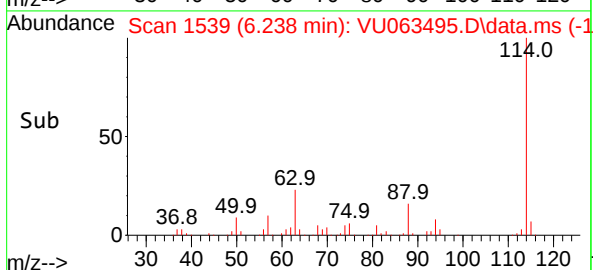
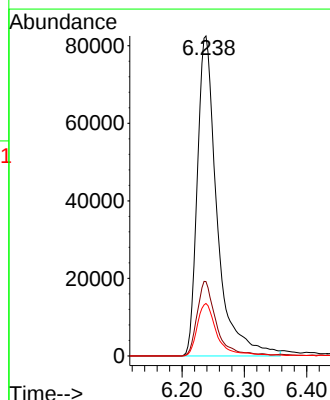
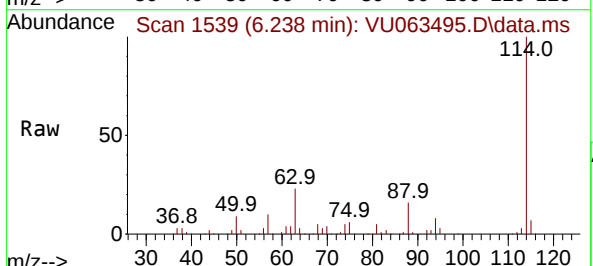
Tgt Ion: 114 Resp: 182043

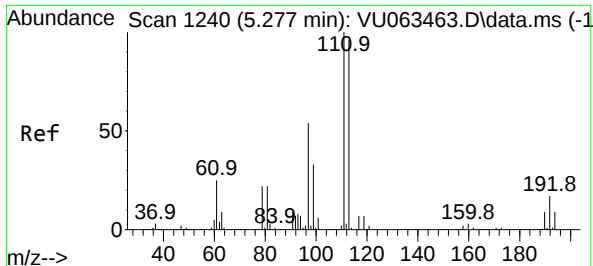
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.6

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.315 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

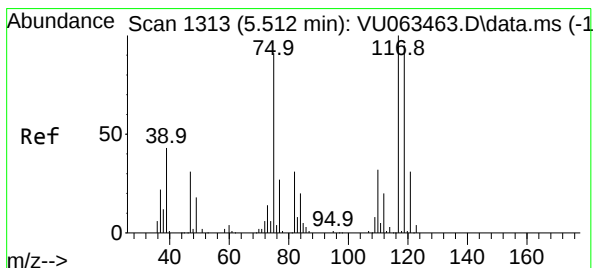
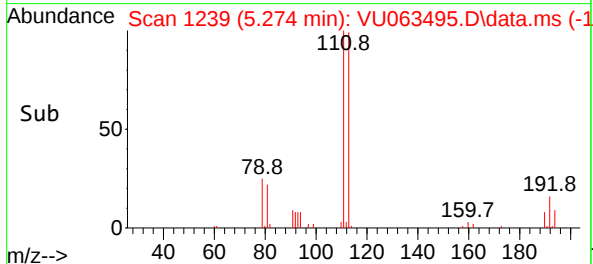
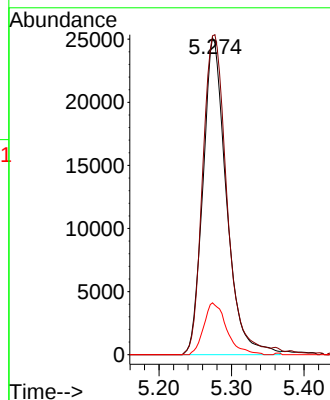
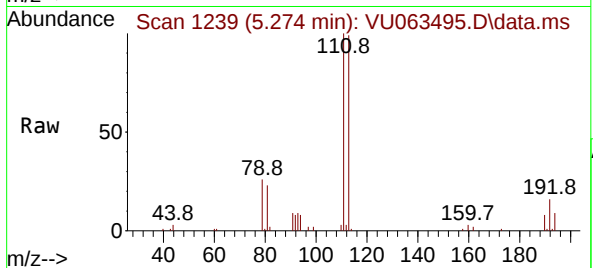
Tgt Ion:113 Resp: 56309

Ion Ratio Lower Upper

113 100

111 103.9 82.1 123.1

192 16.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 2.750 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

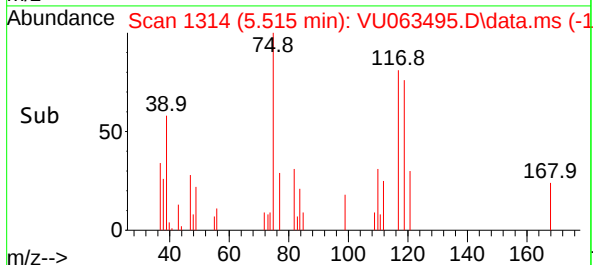
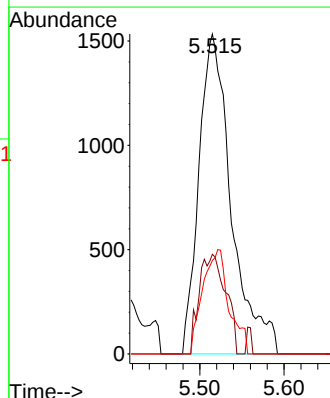
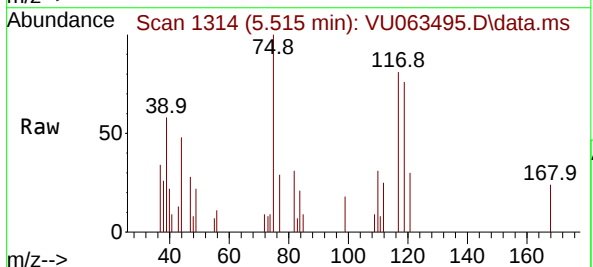
Tgt Ion: 75 Resp: 4101

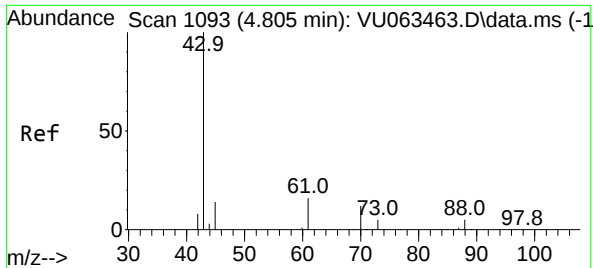
Ion Ratio Lower Upper

75 100

110 25.4 17.3 52.0

77 26.5 23.9 35.9





#37

Ethyl Acetate

Concen: 1.746 ug/l

RT: 4.824 min Scan# 1099

Delta R.T. 0.019 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

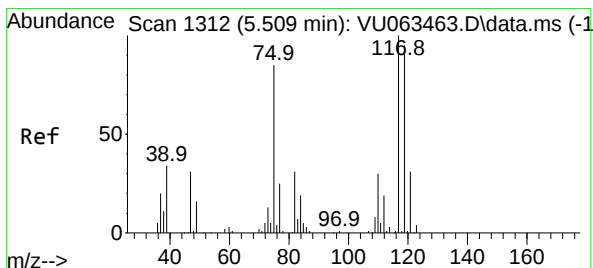
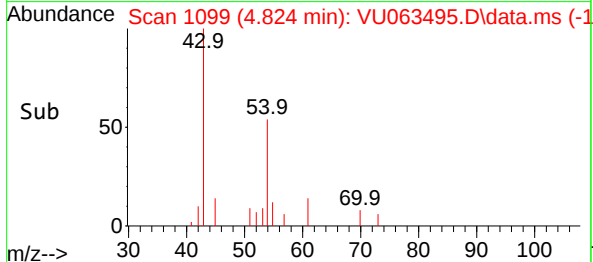
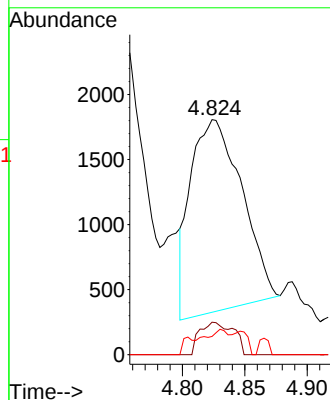
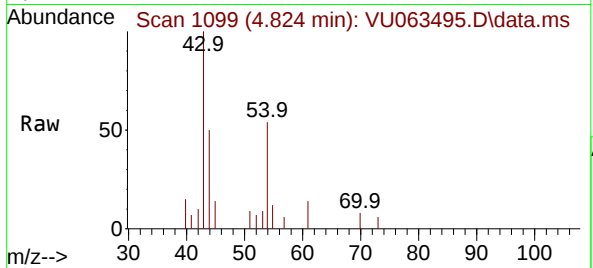
Tgt Ion: 43 Resp: 4217

Ion Ratio Lower Upper

43 100

61 11.1 10.4 15.6

70 3.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.452 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

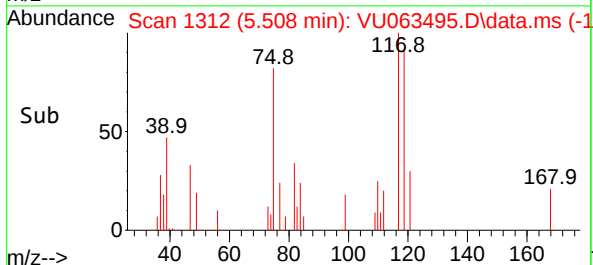
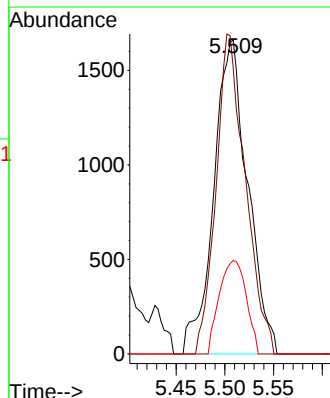
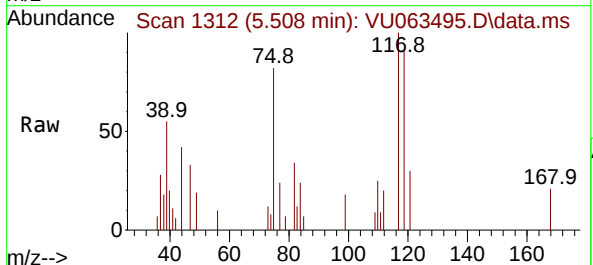
Tgt Ion: 117 Resp: 4028

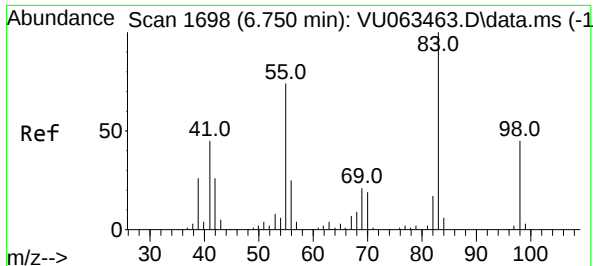
Ion Ratio Lower Upper

117 100

119 91.3 76.1 114.1

121 29.7 25.0 37.4





#39

Methylcyclohexane

Concen: 2.432 ug/l

RT: 6.743 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

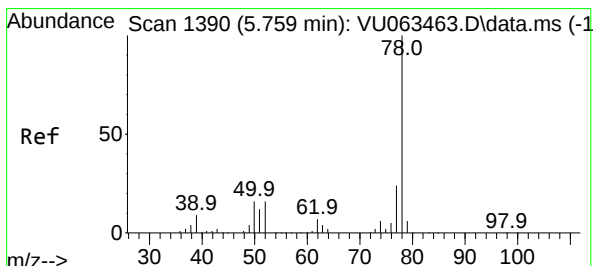
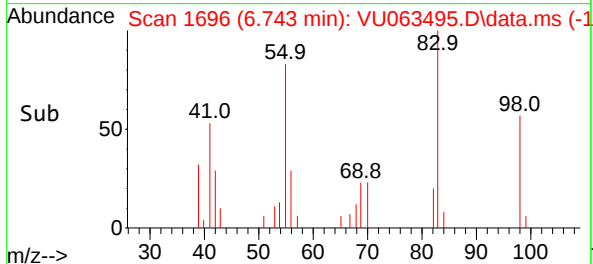
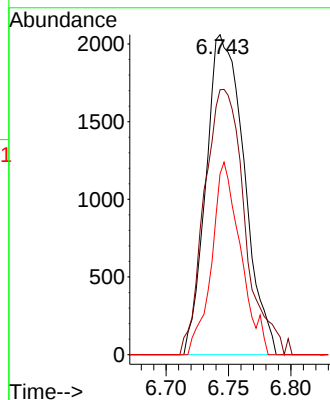
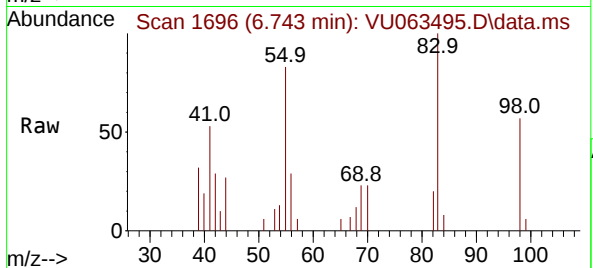
Tgt Ion: 83 Resp: 4381

Ion Ratio Lower Upper

83 100

55 82.8 59.4 89.2

98 56.5 36.2 54.4#



#40

Benzene

Concen: 2.484 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063495.D

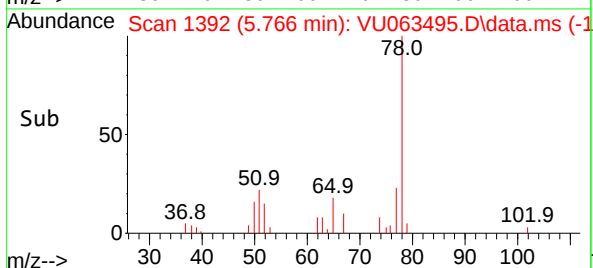
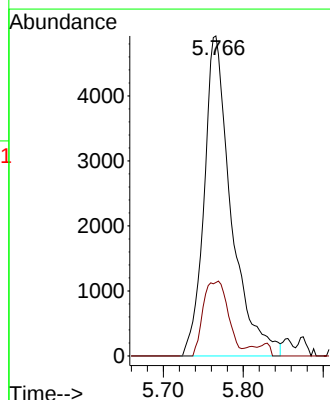
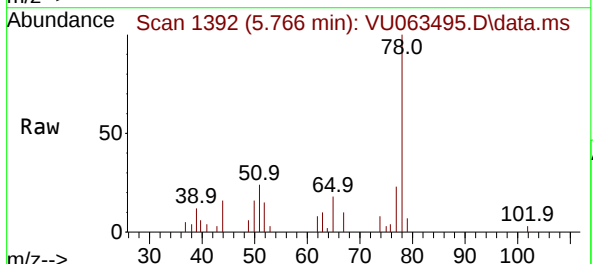
Acq: 11 Jul 2025 16:18

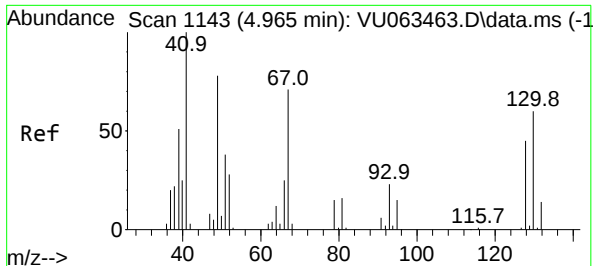
Tgt Ion: 78 Resp: 11569

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.4

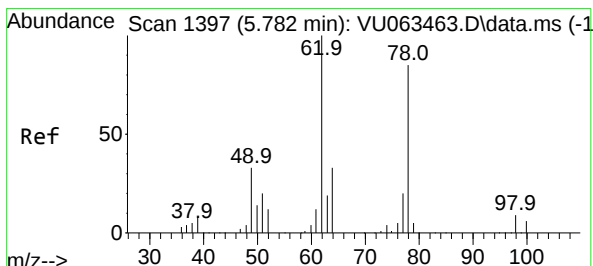
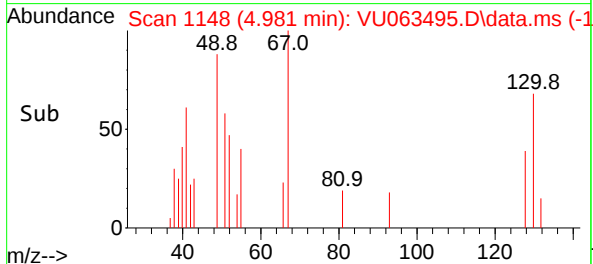
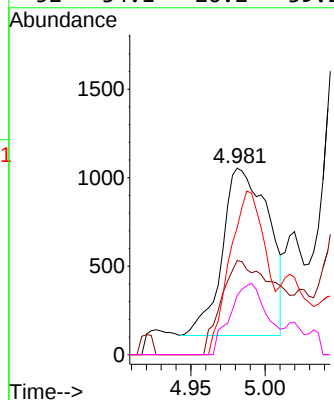
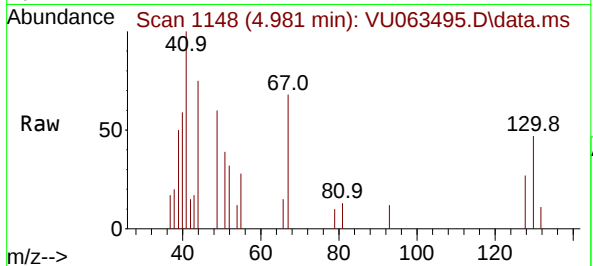




#41
Methacrylonitrile
Concen: 1.803 ug/l
RT: 4.981 min Scan# 1148
Delta R.T. 0.016 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

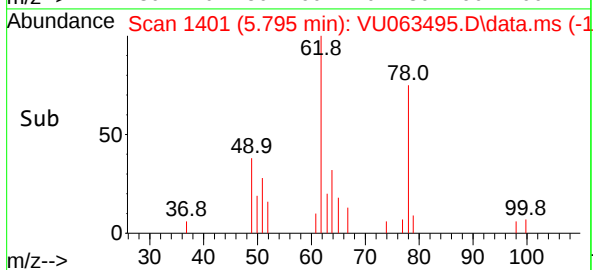
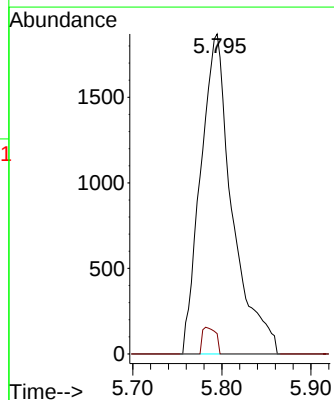
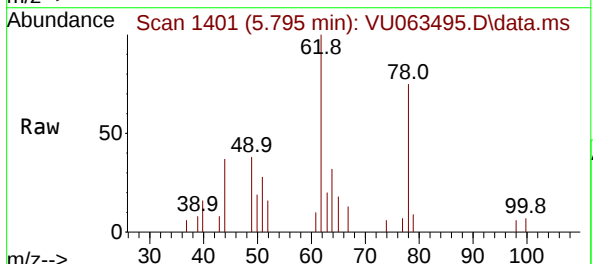
Instrument :
MSVOA_U
ClientSampleId :
MDL05

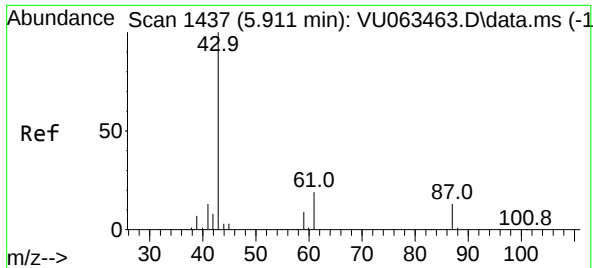
Tgt Ion: 41 Resp: 2054
Ion Ratio Lower Upper
41 100
39 66.3 43.6 65.4#
67 76.2 62.8 94.2
52 34.1 26.2 39.2



#42
1,2-Dichloroethane
Concen: 2.632 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 62 Resp: 4609
Ion Ratio Lower Upper
62 100
98 3.5 0.0 17.6

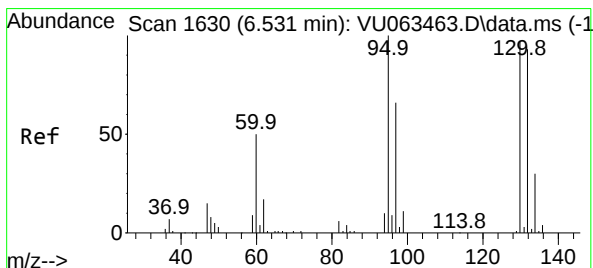
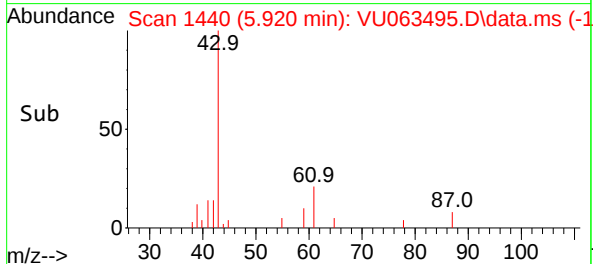
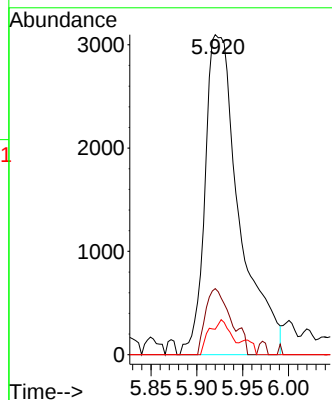
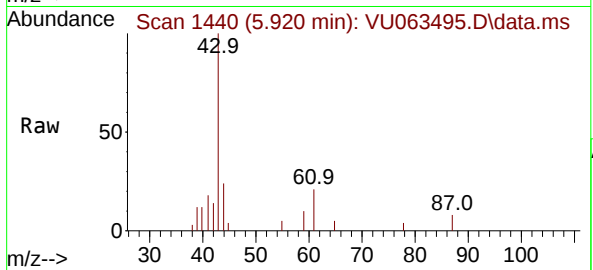




#43
Isopropyl Acetate
Concen: 2.509 ug/l
RT: 5.920 min Scan# 1440
Delta R.T. 0.009 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

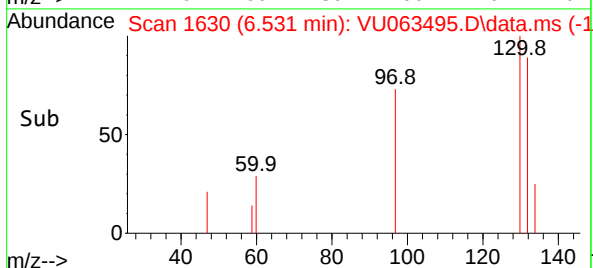
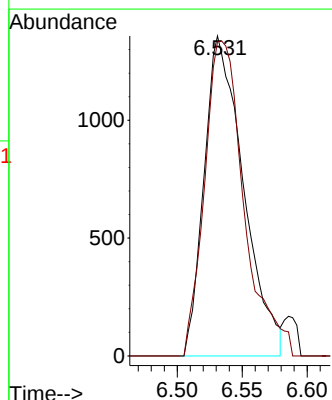
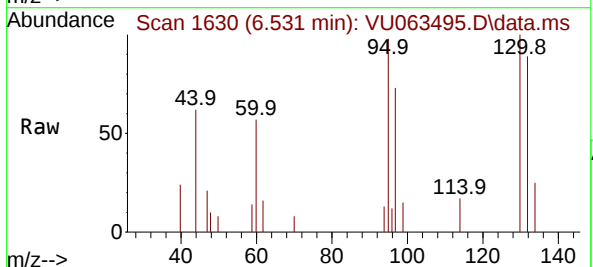
Instrument :
MSVOA_U
ClientSampleId :
MDL05

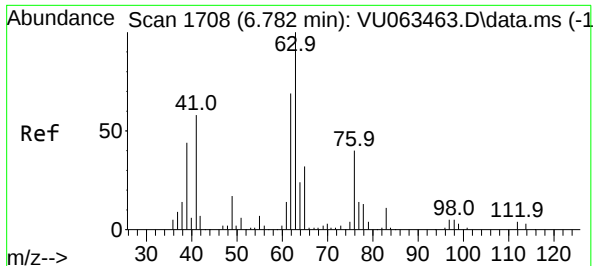
Tgt Ion: 43 Resp: 8048
Ion Ratio Lower Upper
43 100
61 15.3 15.4 23.2#
87 6.9 10.5 15.7#



#44
Trichloroethene
Concen: 2.289 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:130 Resp: 2853
Ion Ratio Lower Upper
130 100
95 98.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.300 ug/l

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

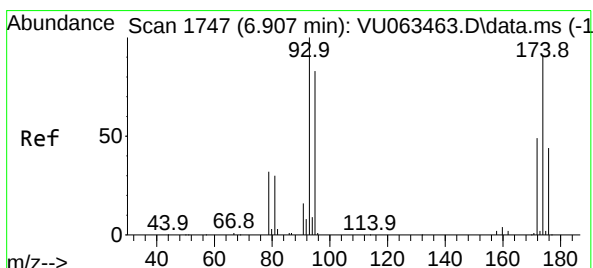
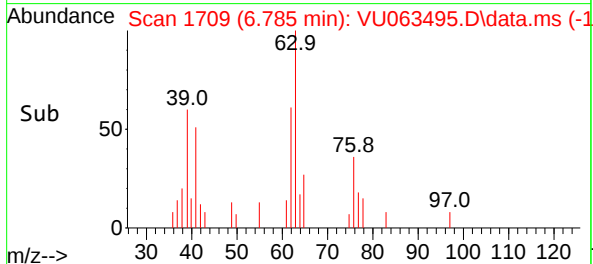
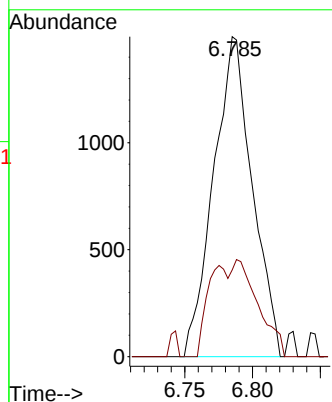
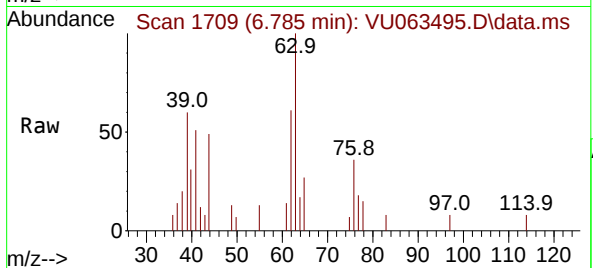
MDL05

Tgt Ion: 63 Resp: 2977

Ion Ratio Lower Upper

63 100

65 27.1 25.3 37.9



#46

Dibromomethane

Concen: 2.530 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

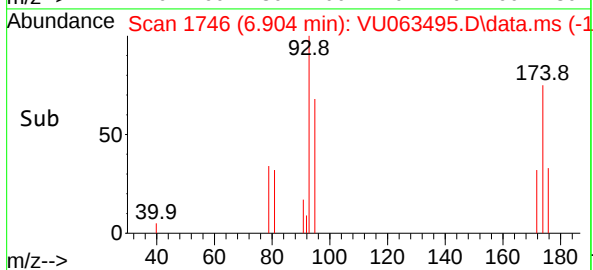
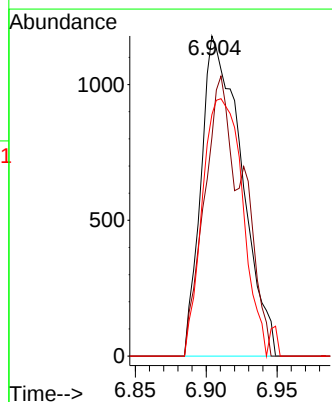
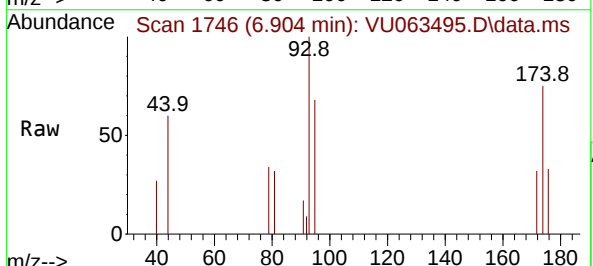
Tgt Ion: 93 Resp: 2330

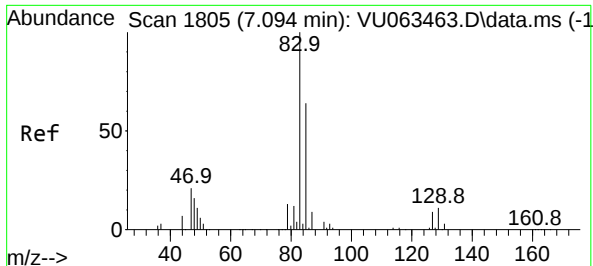
Ion Ratio Lower Upper

93 100

95 63.9 67.5 101.3#

174 80.0 73.1 109.7

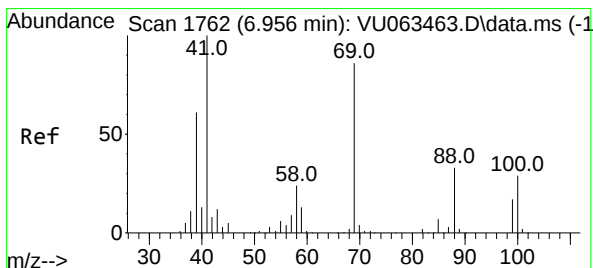
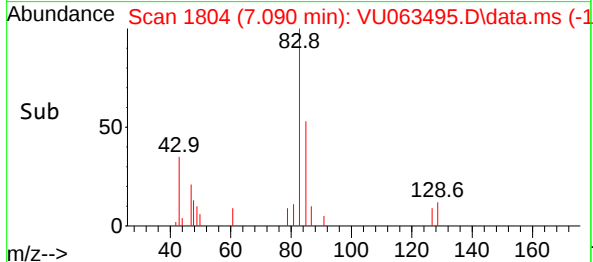
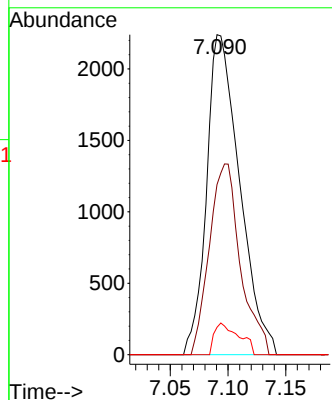
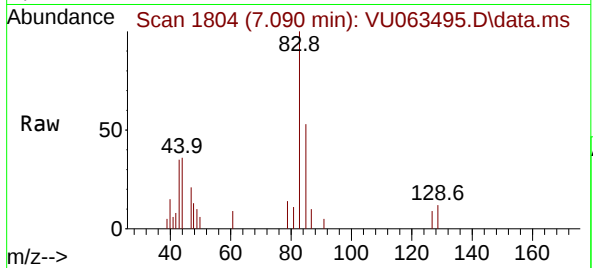




#47
Bromodichloromethane
Concen: 2.329 ug/l
RT: 7.090 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

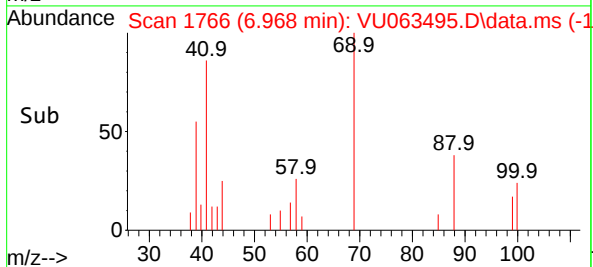
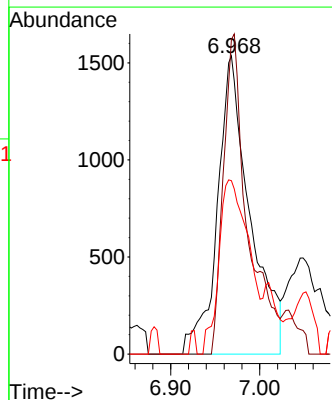
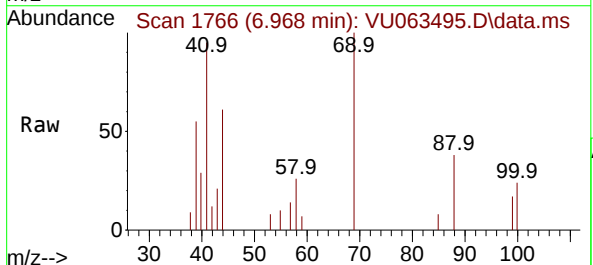
Instrument :
MSVOA_U
ClientSampleId :
MDL05

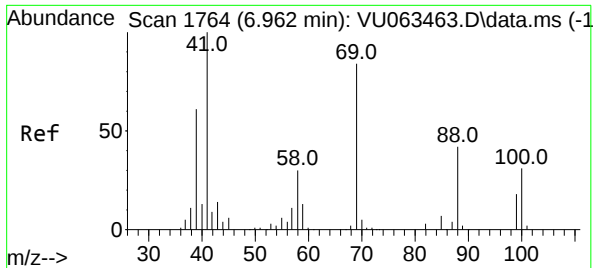
Tgt Ion: 83 Resp: 4461
Ion Ratio Lower Upper
83 100
85 53.2 51.4 77.0
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 2.640 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 41 Resp: 3913
Ion Ratio Lower Upper
41 100
69 79.4 69.8 104.8
39 53.3 48.3 72.5

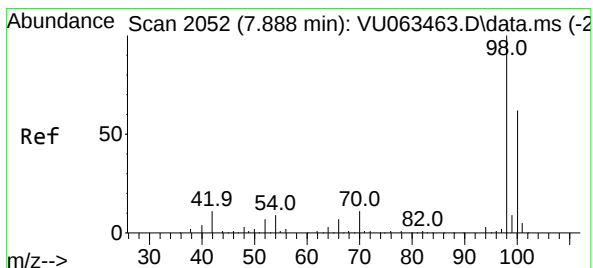
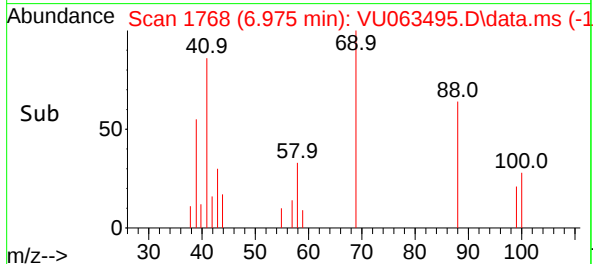
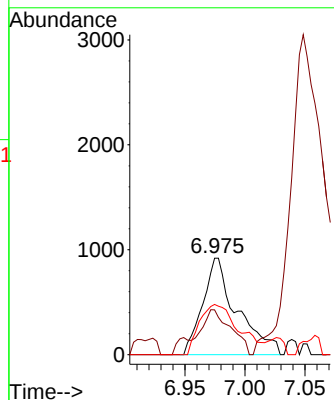
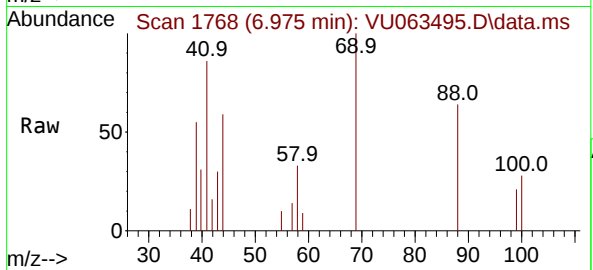




#49
1,4-Dioxane
Concen: 56.348 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

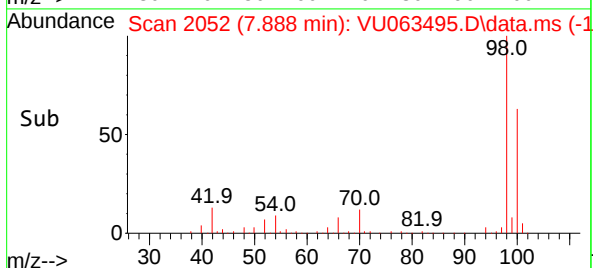
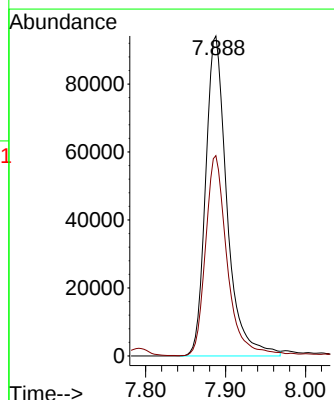
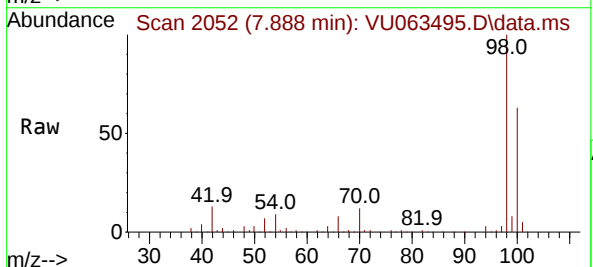
Instrument :
MSVOA_U
ClientSampleId :
MDL05

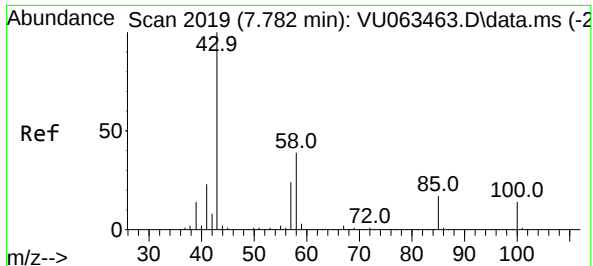
Tgt Ion: 88 Resp: 1833
Ion Ratio Lower Upper
88 100
43 39.7 25.6 38.4#
58 60.2 55.0 82.6



#50
Toluene-d8
Concen: 48.904 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 98 Resp: 174926
Ion Ratio Lower Upper
98 100
100 63.2 48.1 72.1

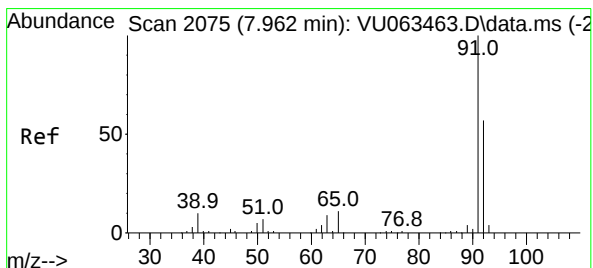
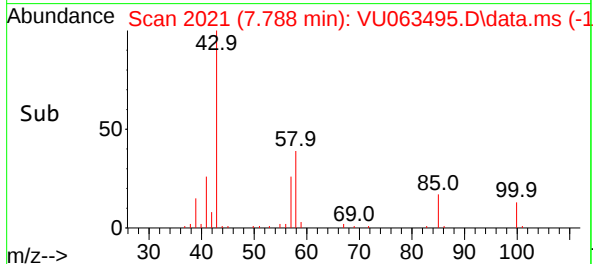
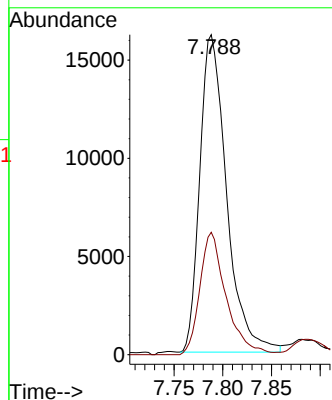
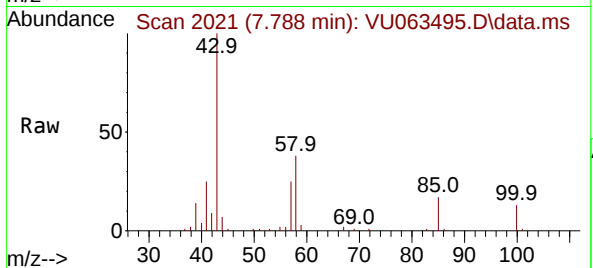




#51
4-Methyl-2-Pentanone
Concen: 13.329 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

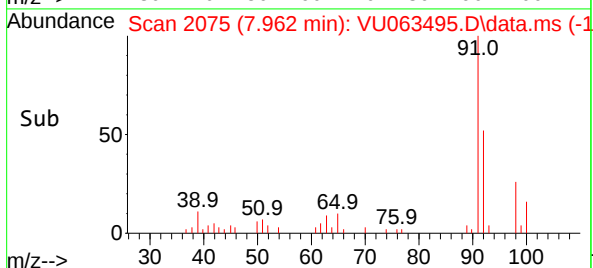
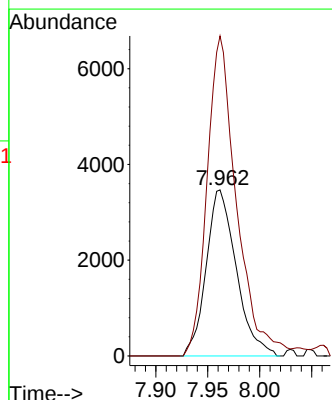
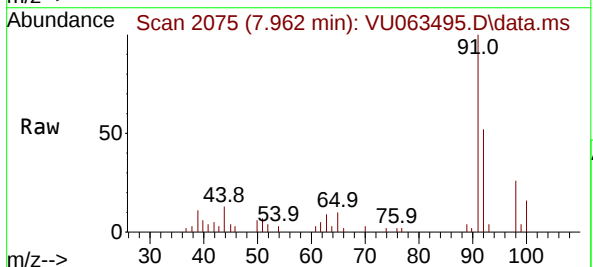
Instrument :
MSVOA_U
ClientSampleId :
MDL05

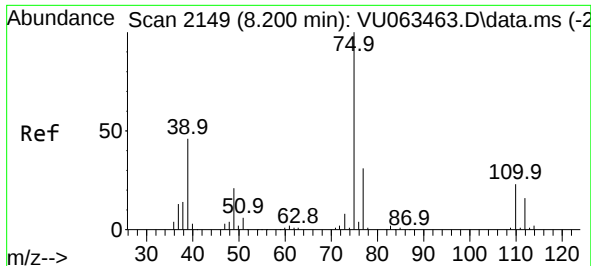
Tgt Ion: 43 Resp: 30944
Ion Ratio Lower Upper
43 100
58 37.6 31.0 46.4



#52
Toluene
Concen: 2.297 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 92 Resp: 6996
Ion Ratio Lower Upper
92 100
91 188.0 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.011 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.009 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

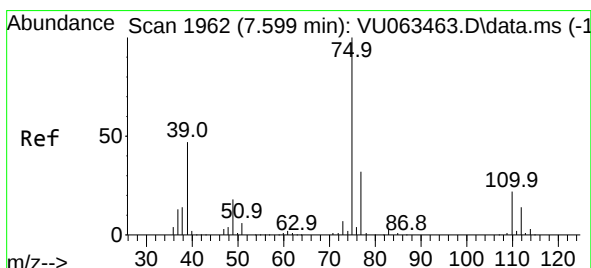
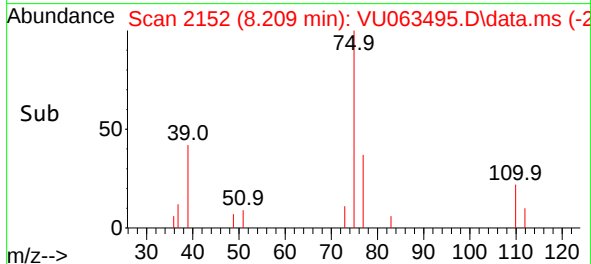
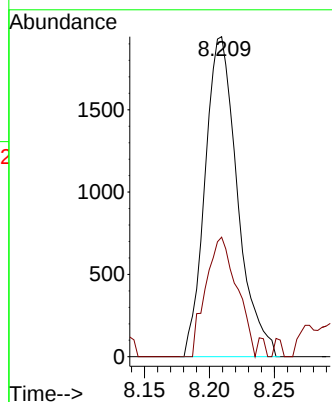
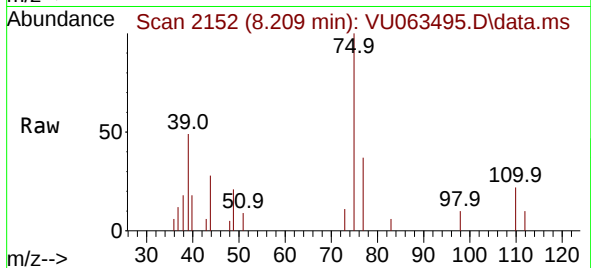
MDL05

Tgt Ion: 75 Resp: 3370

Ion Ratio Lower Upper

75 100

77 37.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.034 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

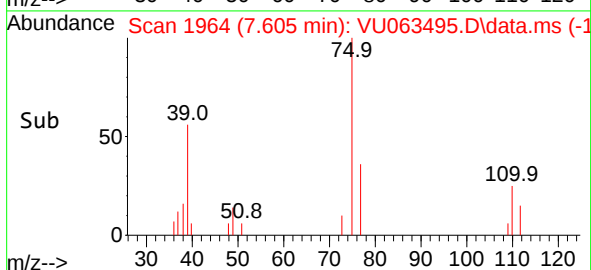
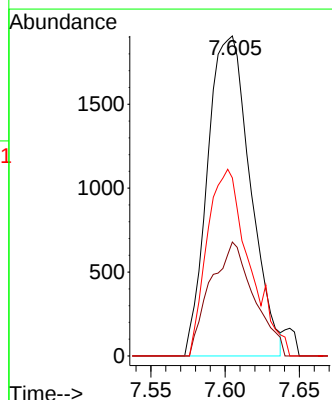
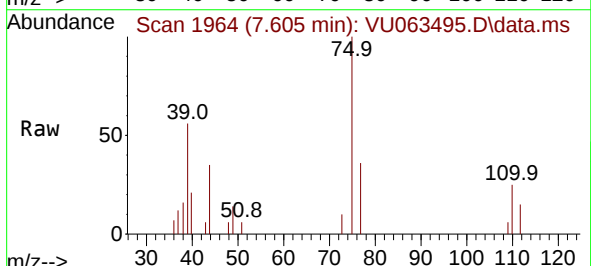
Tgt Ion: 75 Resp: 3815

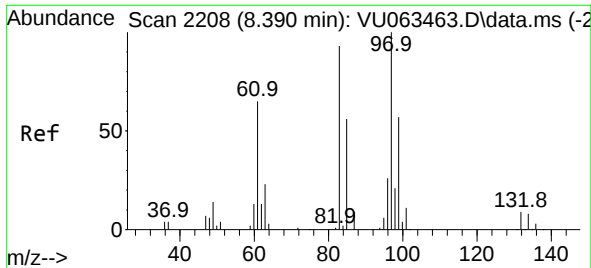
Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.0

39 49.0 37.2 55.8

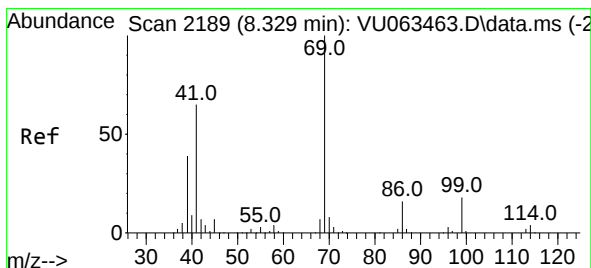
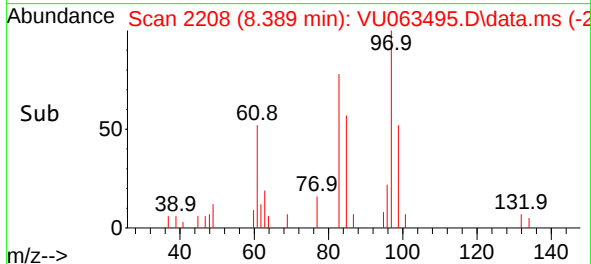
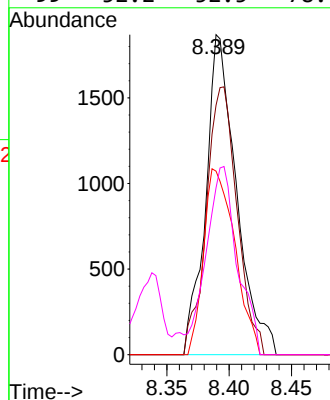
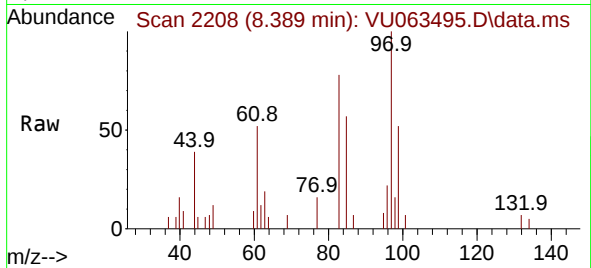




#55
1,1,2-Trichloroethane
Concen: 2.486 ug/l
RT: 8.389 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

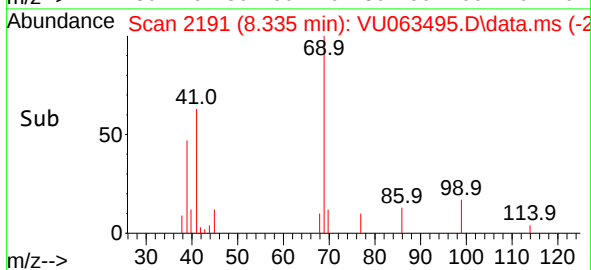
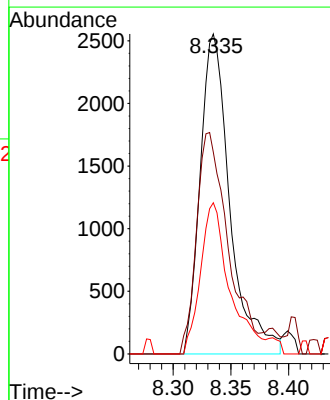
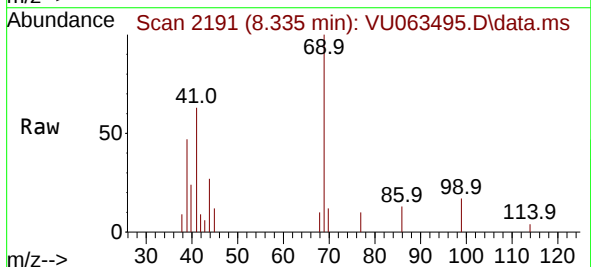
Instrument :
MSVOA_U
ClientSampleId :
MDL05

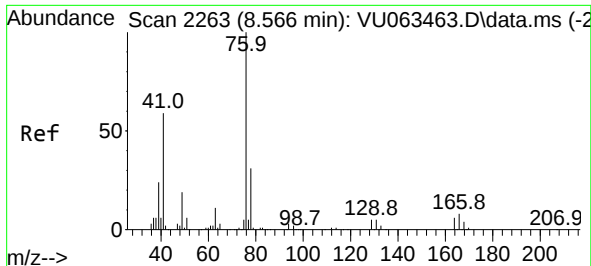
Tgt Ion:	97	Resp:	3216
Ion	Ratio	Lower	Upper
97	100		
83	78.0	74.2	111.4
85	57.4	45.8	68.8
99	52.2	52.5	78.7#



#56
Ethyl methacrylate
Concen: 2.193 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:	69	Resp:	4575
Ion	Ratio	Lower	Upper
69	100		
41	73.0	53.0	79.6
39	46.5	31.0	46.4#

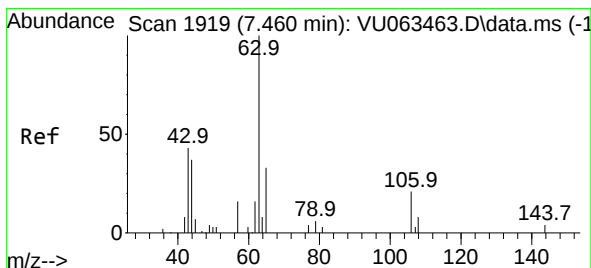
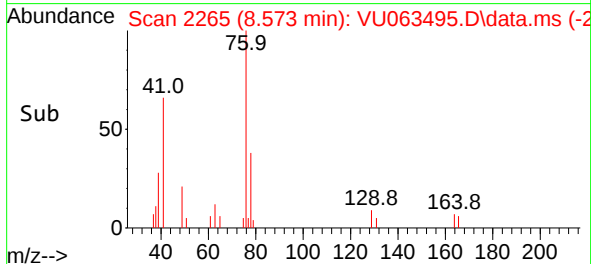
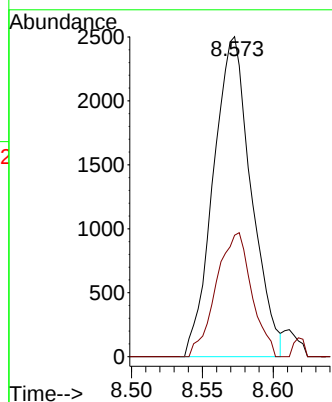
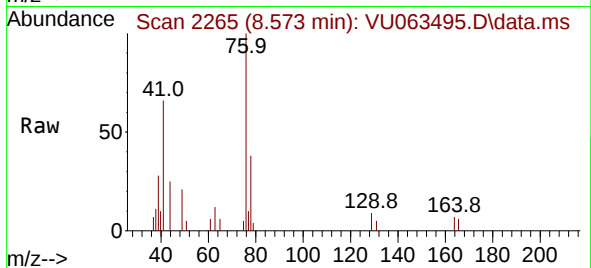




#57
1,3-Dichloropropane
Concen: 2.185 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

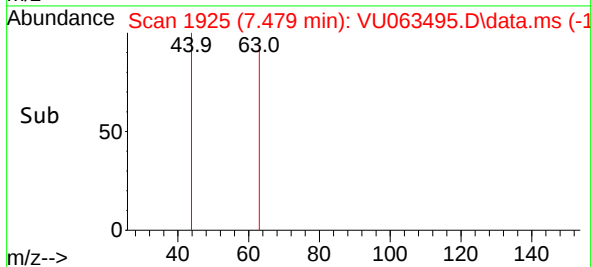
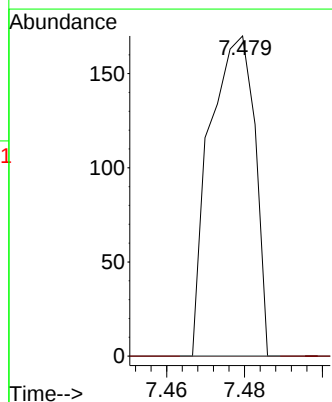
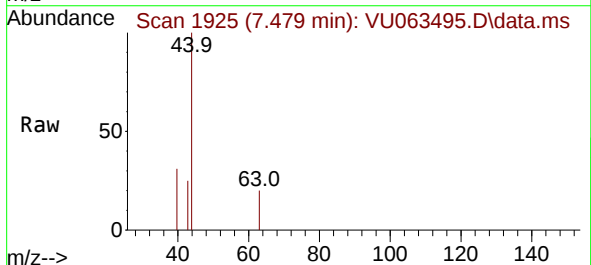
Instrument :
MSVOA_U
ClientSampleId :
MDL05

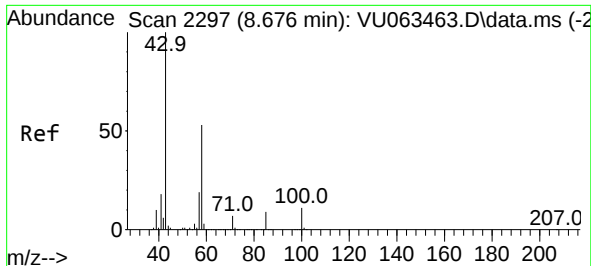
Tgt Ion: 76 Resp: 4658
Ion Ratio Lower Upper
76 100
78 36.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 6.277 ug/l
RT: 7.479 min Scan# 1925
Delta R.T. 0.019 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 63 Resp: 136
Ion Ratio Lower Upper
63 100
106 0.0 11.5 17.3#

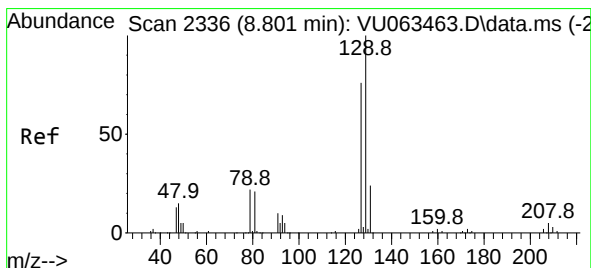
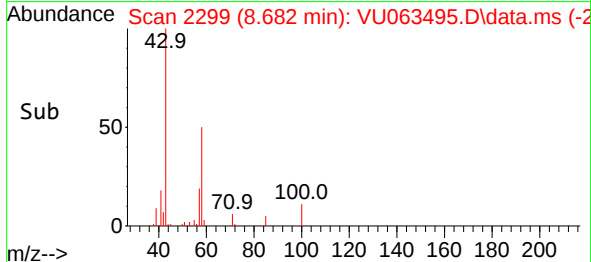
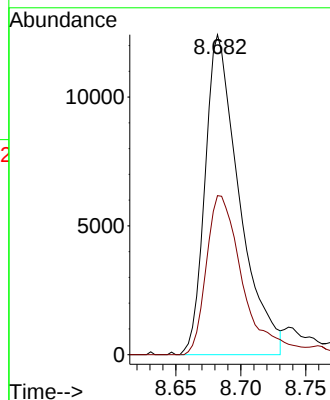
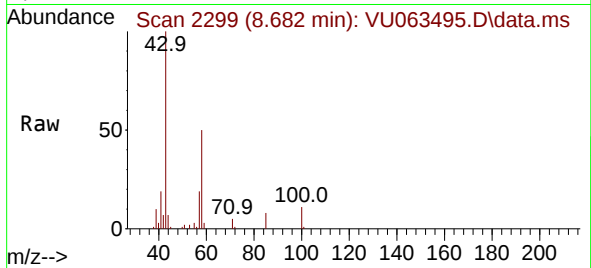




#59
2-Hexanone
Concen: 12.941 ug/l
RT: 8.682 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

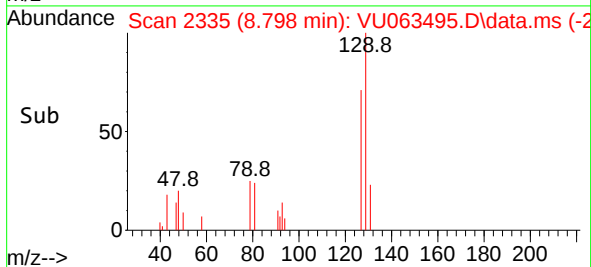
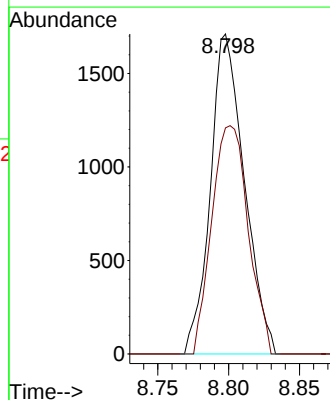
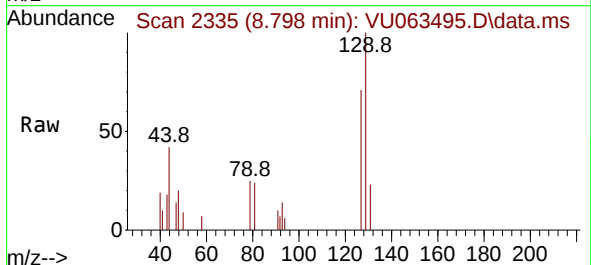
Instrument :
MSVOA_U
ClientSampleId :
MDL05

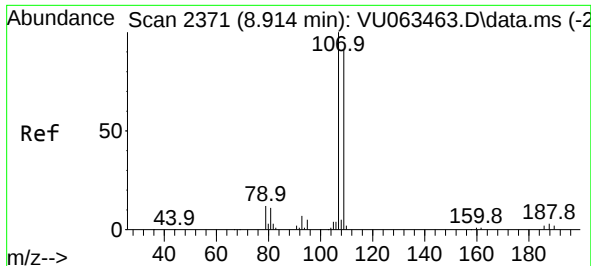
Tgt Ion: 43 Resp: 22723
Ion Ratio Lower Upper
43 100
58 52.8 26.9 80.7



#60
Dibromochloromethane
Concen: 1.972 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 129 Resp: 2857
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

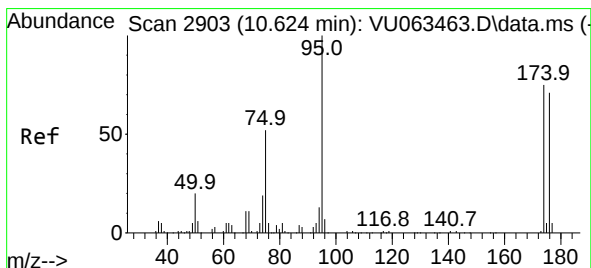
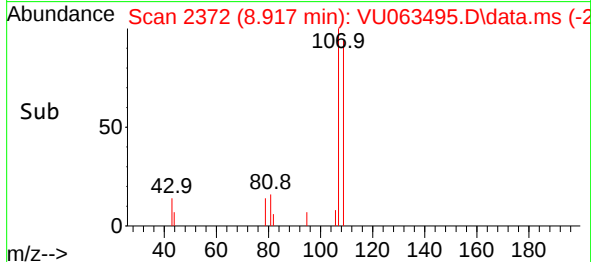
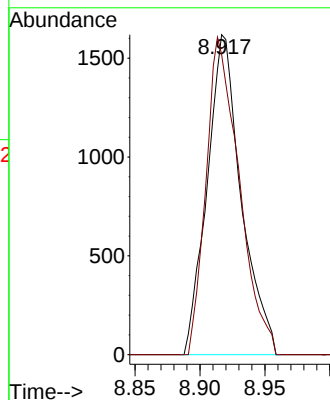
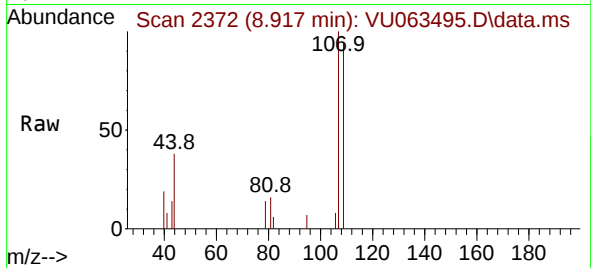




#61
1,2-Dibromoethane
Concen: 2.327 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

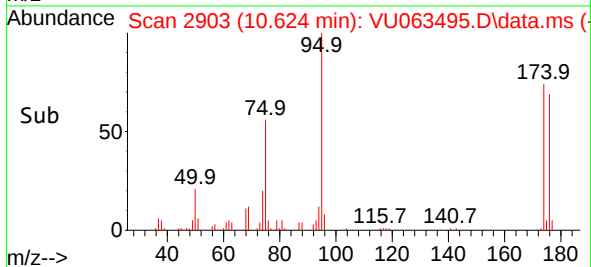
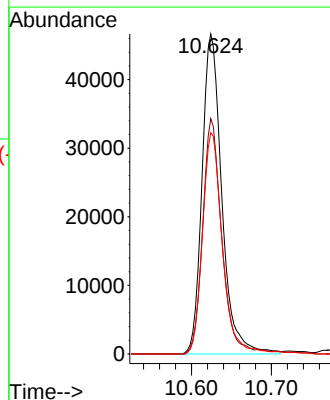
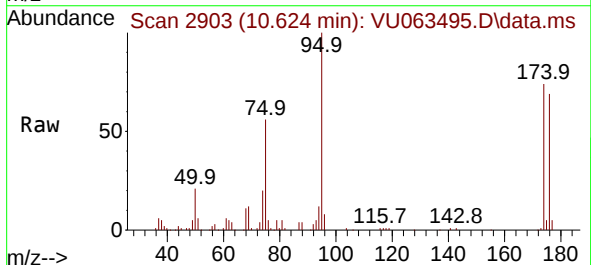
Instrument :
MSVOA_U
ClientSampleId :
MDL05

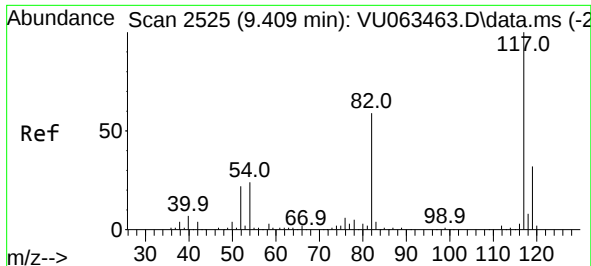
Tgt Ion:107 Resp: 2954
Ion Ratio Lower Upper
107 100
109 96.6 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 95 Resp: 80380
Ion Ratio Lower Upper
95 100
174 70.8 0.0 153.6
176 69.9 0.0 145.8

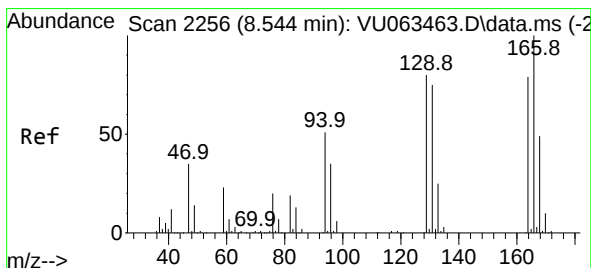
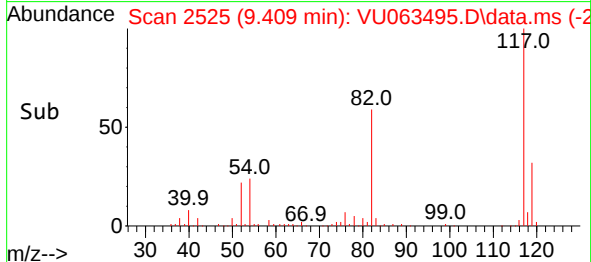
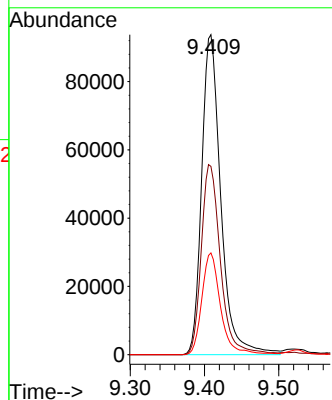
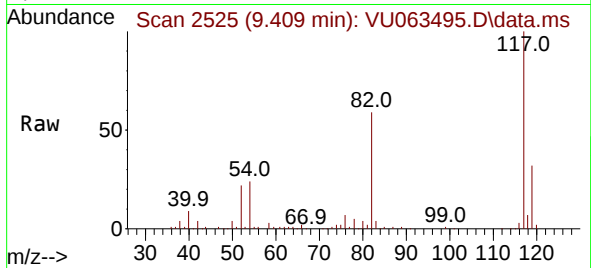




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

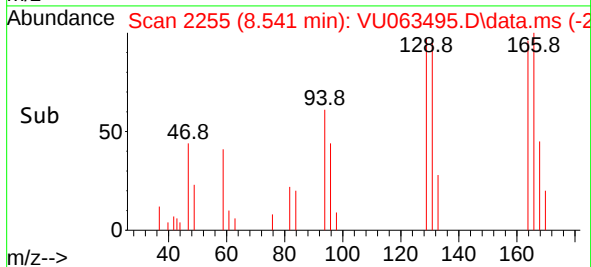
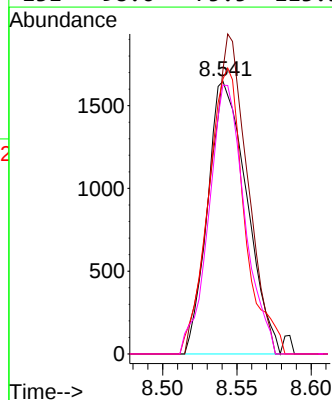
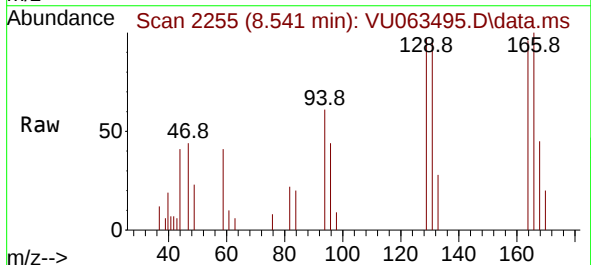
Instrument :
MSVOA_U
ClientSampleId :
MDL05

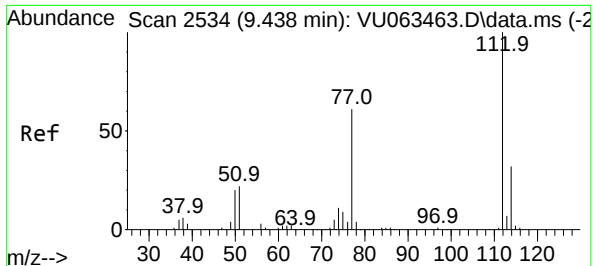
Tgt Ion:117 Resp: 167879
Ion Ratio Lower Upper
117 100
82 58.8 47.1 70.7
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 2.423 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:164 Resp: 3028
Ion Ratio Lower Upper
164 100
166 104.1 100.9 151.3
129 100.8 80.9 121.3
131 98.6 75.5 113.3

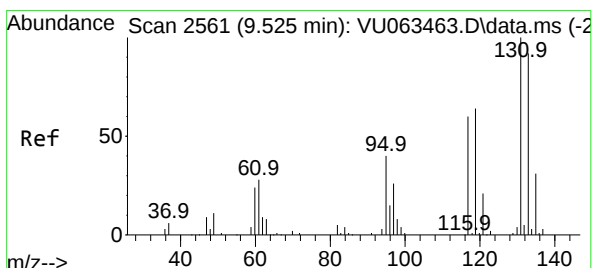
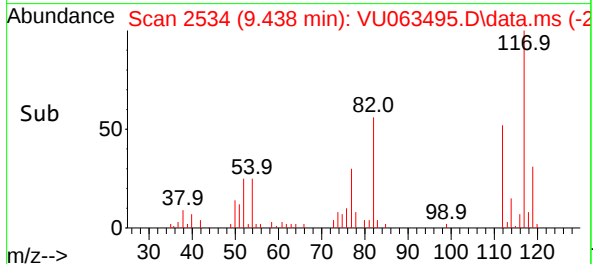
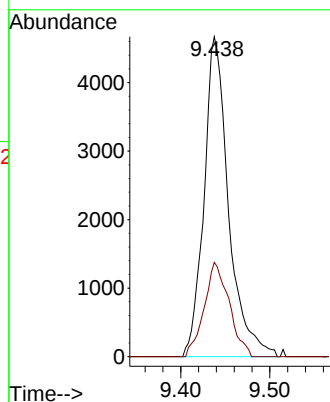
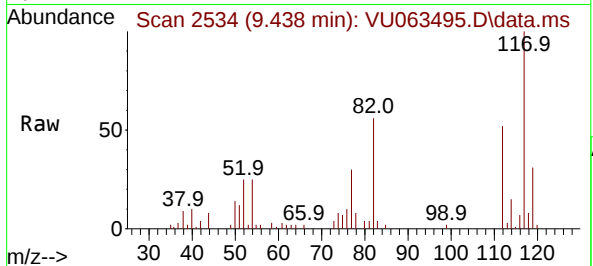




#65
Chlorobenzene
Concen: 2.554 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

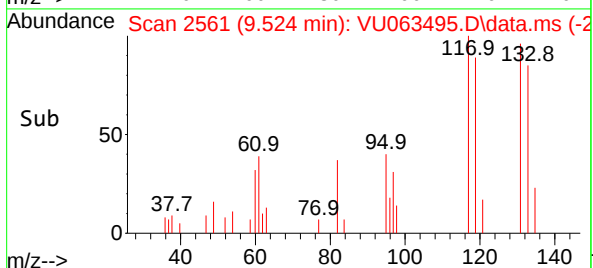
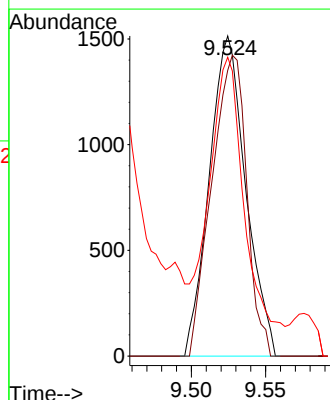
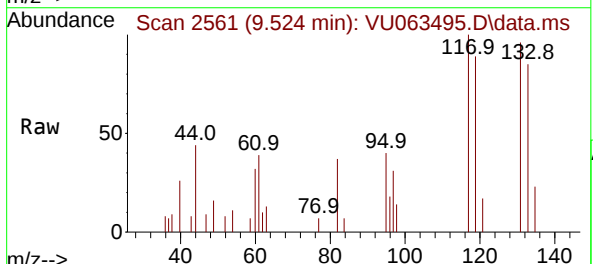
Instrument :
MSVOA_U
ClientSampleId :
MDL05

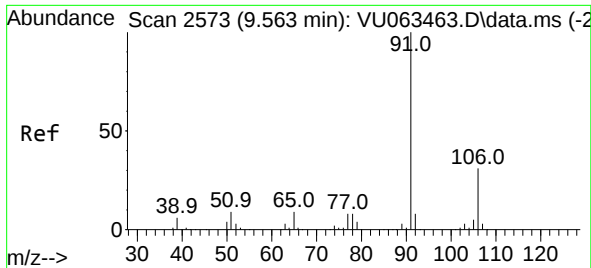
Tgt Ion:112 Resp: 8921
Ion Ratio Lower Upper
112 100
114 29.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.159 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:131 Resp: 2586
Ion Ratio Lower Upper
131 100
133 89.8 46.4 139.2
119 77.9 33.3 99.9





#67

Ethyl Benzene

Concen: 2.502 ug/l

RT: 9.563 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

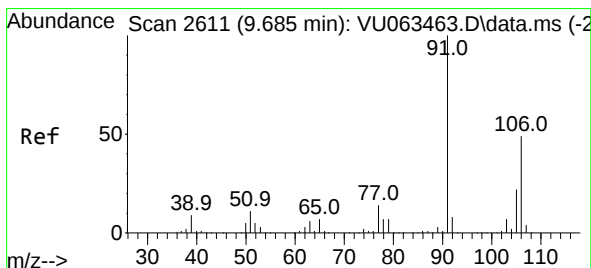
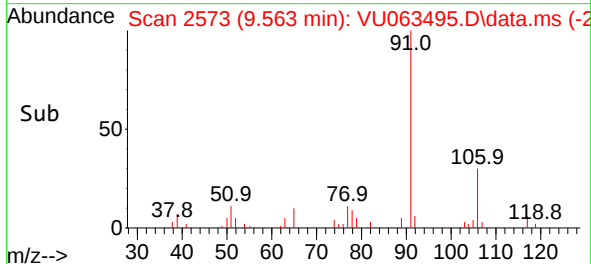
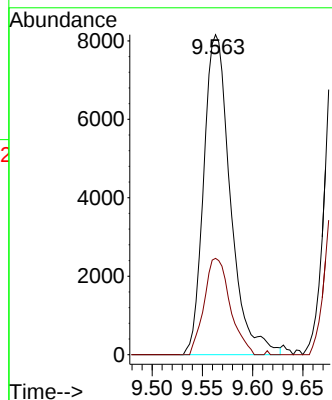
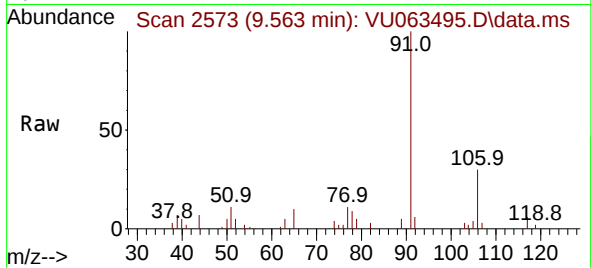
MDL05

Tgt Ion: 91 Resp: 15020

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 4.867 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU063495.D

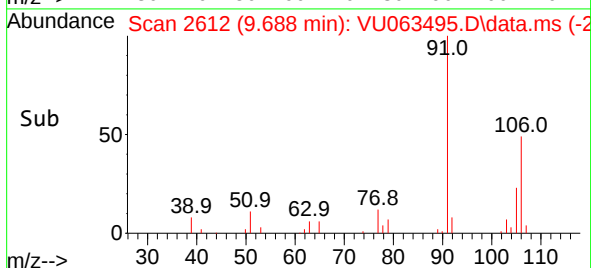
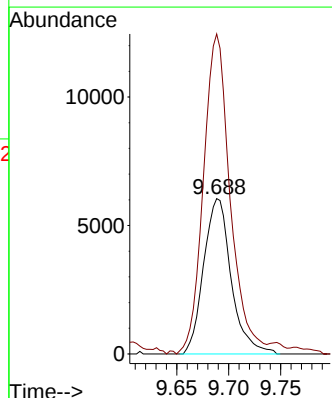
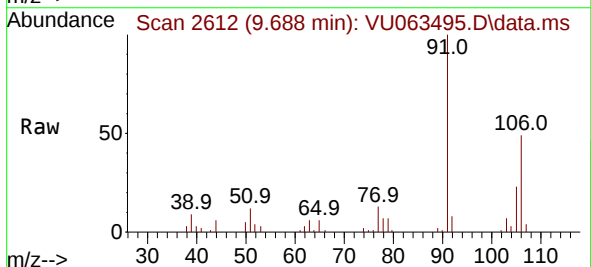
Acq: 11 Jul 2025 16:18

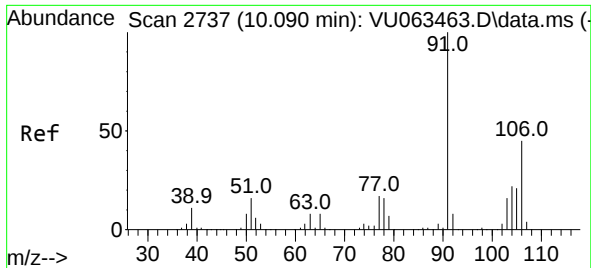
Tgt Ion:106 Resp: 11150

Ion Ratio Lower Upper

106 100

91 200.4 163.6 245.4

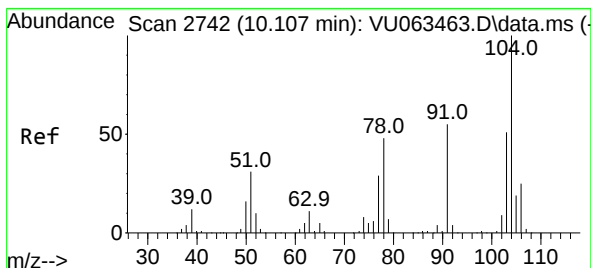
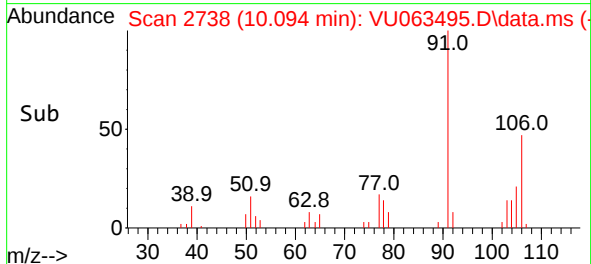
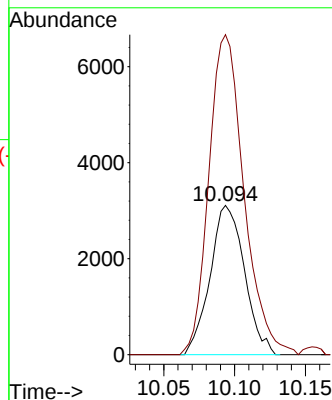
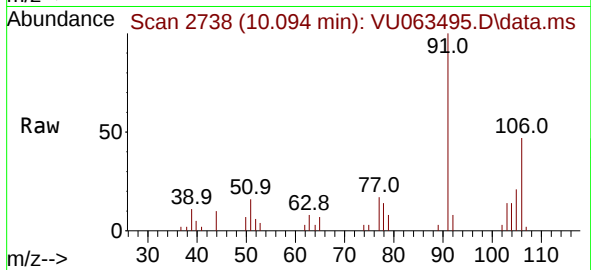




#69
o-Xylene
Concen: 2.257 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

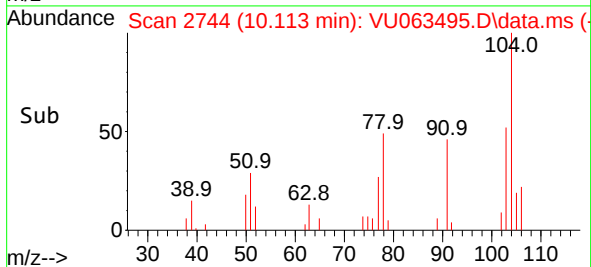
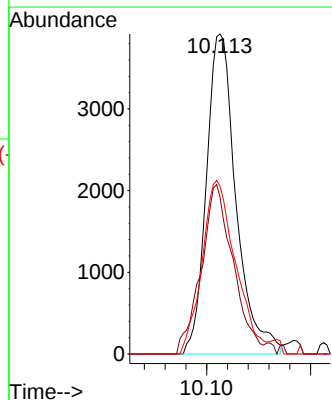
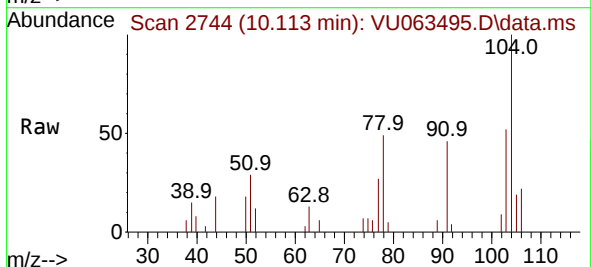
Instrument :
MSVOA_U
ClientSampleId :
MDL05

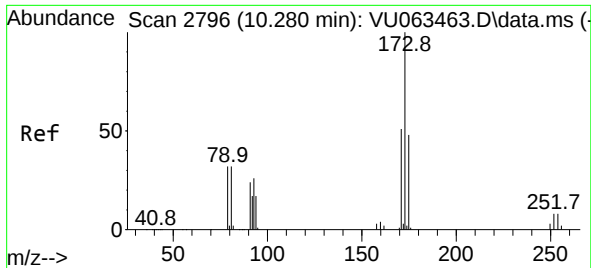
Tgt Ion:106 Resp: 5257
Ion Ratio Lower Upper
106 100
91 218.7 110.7 331.9



#70
Styrene
Concen: 2.100 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:104 Resp: 7776
Ion Ratio Lower Upper
104 100
78 57.0 41.4 62.0
103 61.2 44.3 66.5

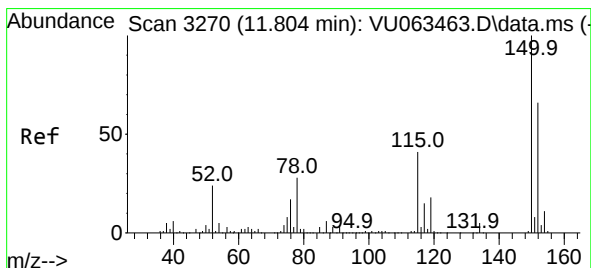
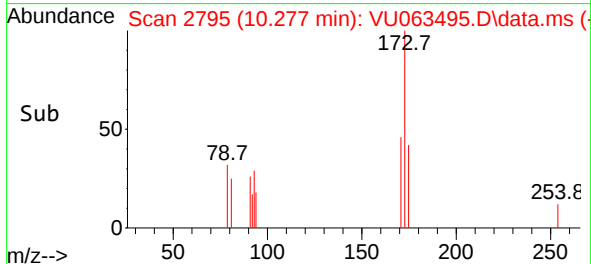
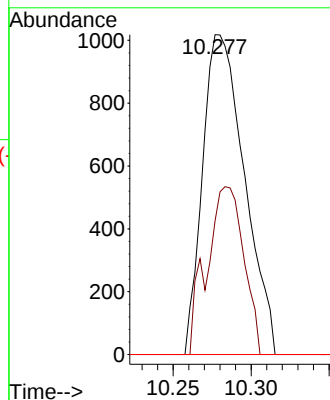
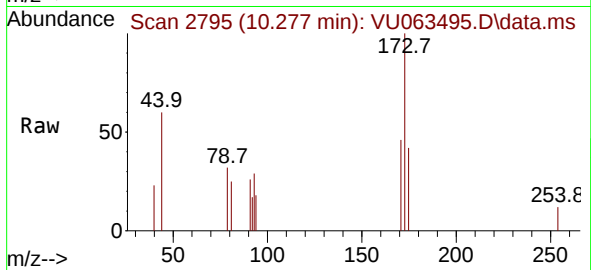




#71
Bromoform
Concen: 1.821 ug/l
RT: 10.277 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

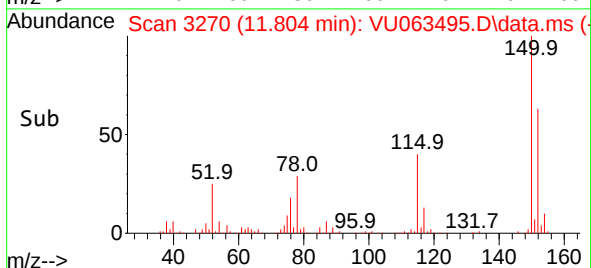
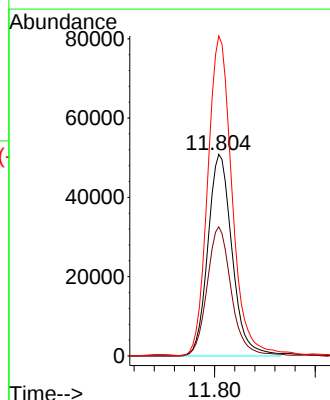
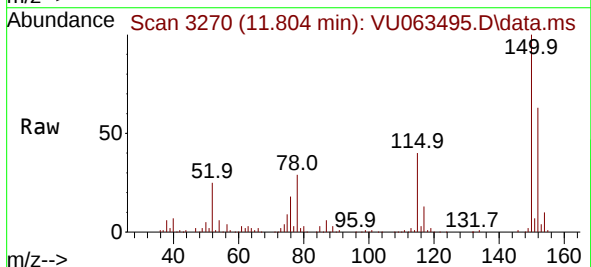
Instrument :
MSVOA_U
ClientSampleId :
MDL05

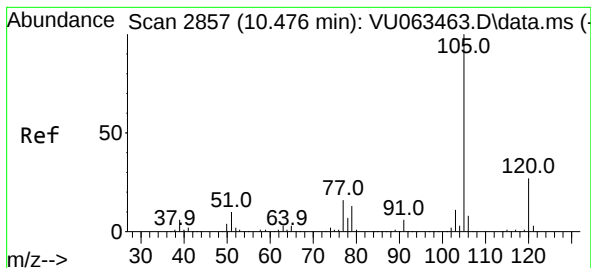
Tgt Ion:173 Resp: 1901
Ion Ratio Lower Upper
173 100
175 46.3 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:152 Resp: 85102
Ion Ratio Lower Upper
152 100
115 64.2 43.4 130.2
150 160.6 0.0 341.4





#73

Isopropylbenzene

Concen: 2.516 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

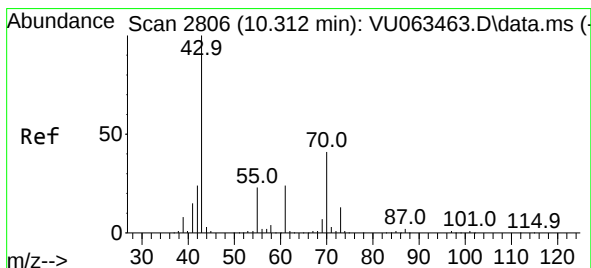
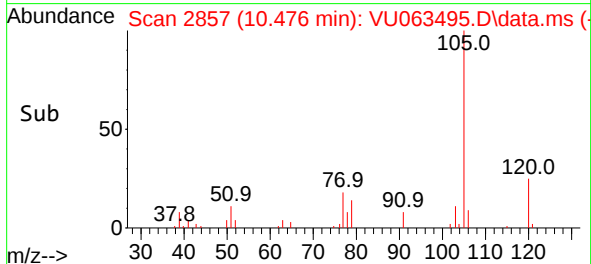
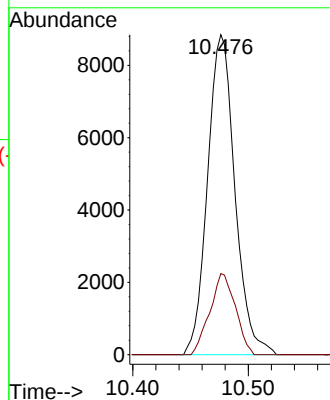
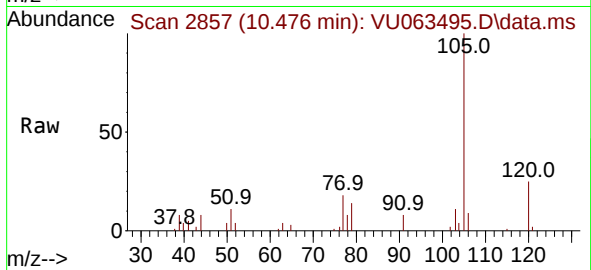
MDL05

Tgt Ion:105 Resp: 14569

Ion Ratio Lower Upper

105 100

120 23.6 13.1 39.1



#74

N-ethyl acetate

Concen: 2.307 ug/l

RT: 10.322 min Scan# 2809

Delta R.T. 0.009 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Tgt Ion: 43 Resp: 5991

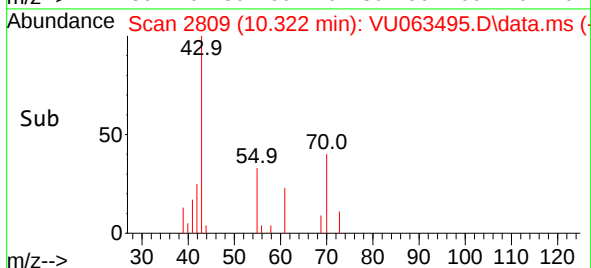
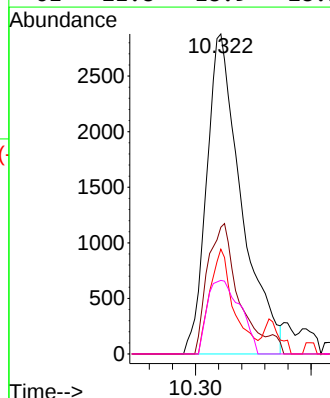
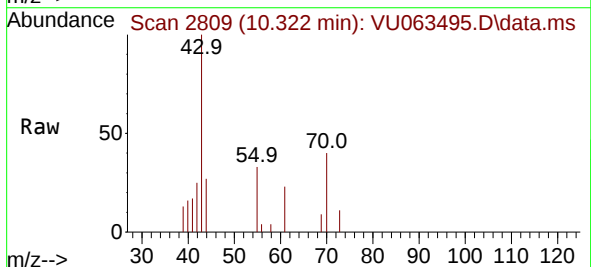
Ion Ratio Lower Upper

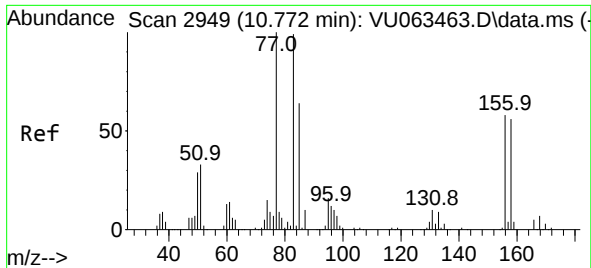
43 100

70 35.7 32.6 48.8

55 22.8 18.6 27.8

61 21.8 18.9 28.3

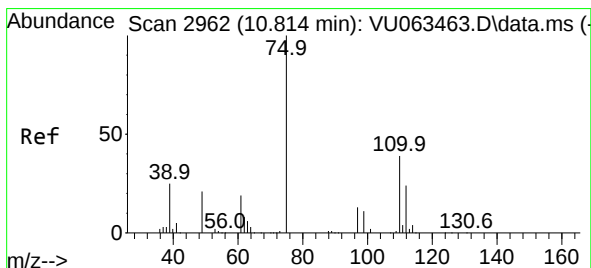
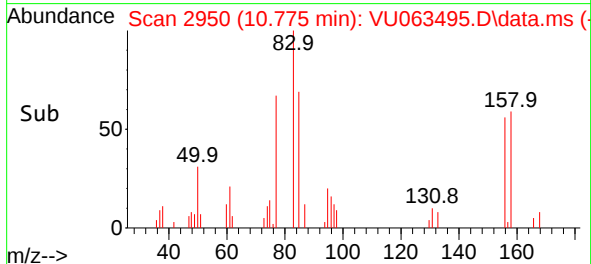
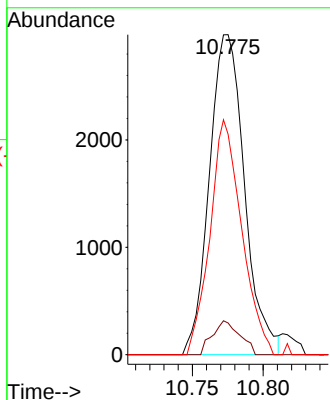
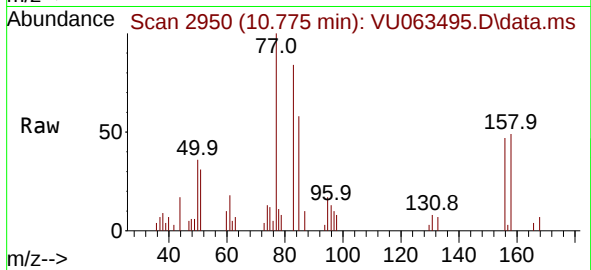




#75
1,1,2,2-Tetrachloroethane
Concen: 2.413 ug/l
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

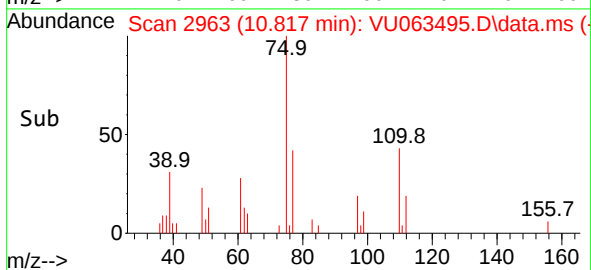
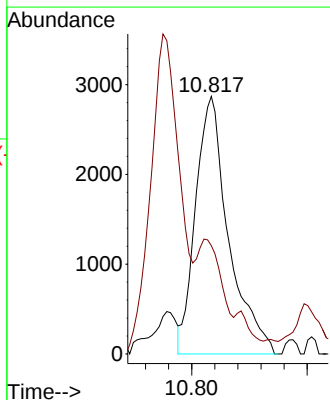
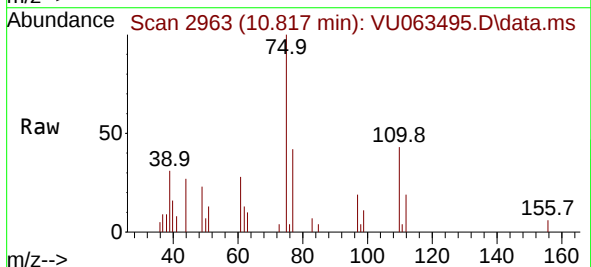
Instrument :
MSVOA_U
ClientSampleId :
MDL05

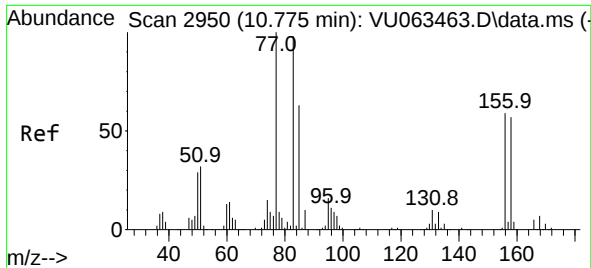
Tgt Ion: 83 Resp: 5144
Ion Ratio Lower Upper
83 100
131 8.3 4.8 14.3
85 66.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 2.520 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 75 Resp: 5682
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

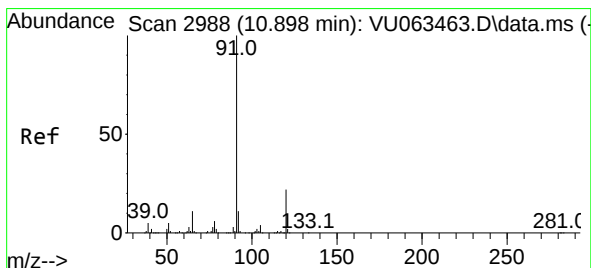
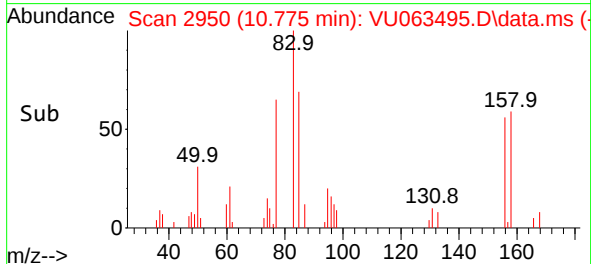
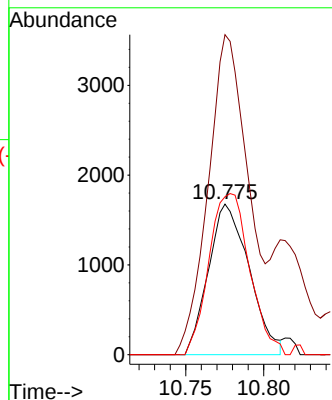
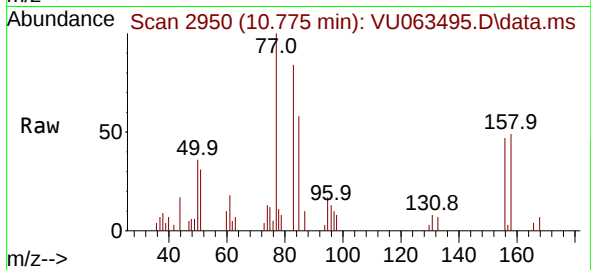




#77
Bromobenzene
Concen: 2.147 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

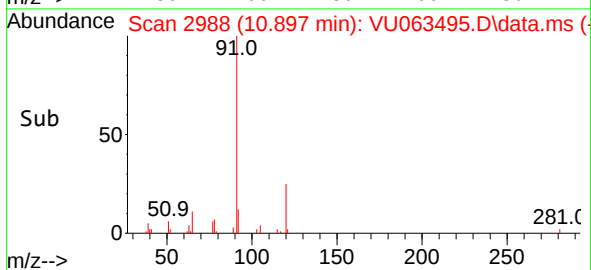
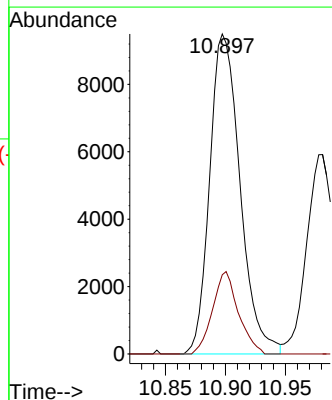
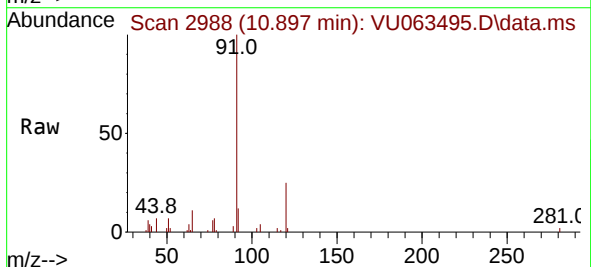
Instrument :
MSVOA_U
ClientSampleId :
MDL05

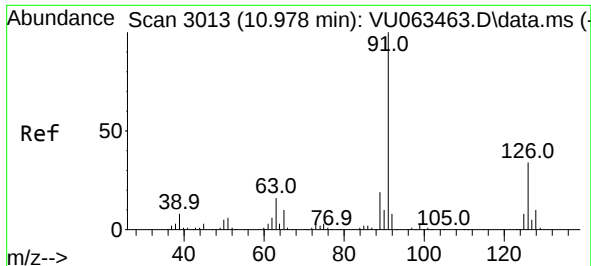
Tgt Ion:156 Resp: 3047
Ion Ratio Lower Upper
156 100
77 207.2 78.2 234.6
158 106.9 46.8 140.4



#78
n-propylbenzene
Concen: 2.489 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 91 Resp: 16716
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4

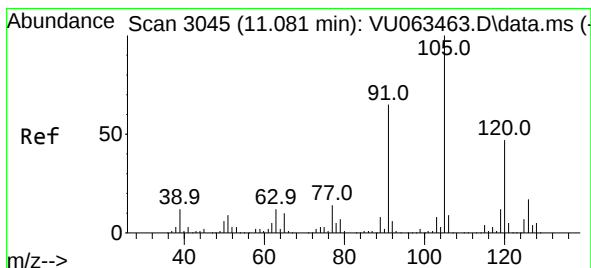
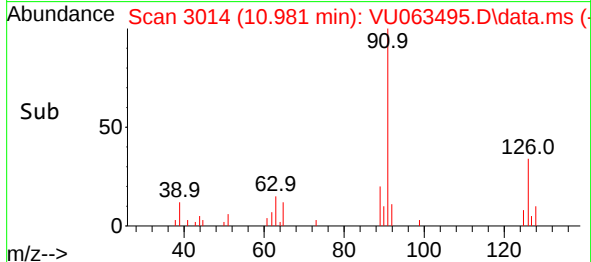
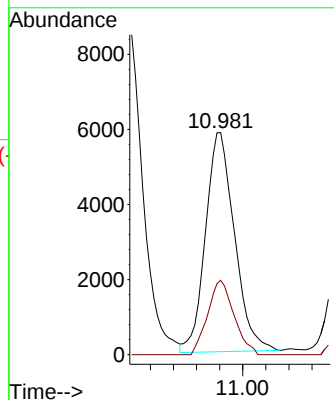
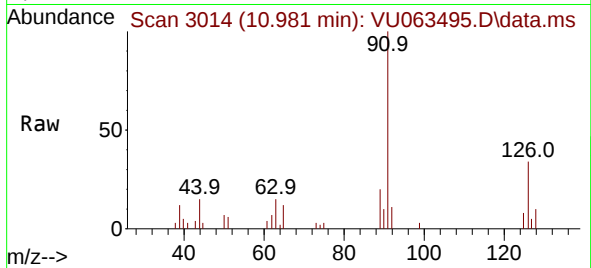




#79
2-Chlorotoluene
Concen: 2.420 ug/l
RT: 10.981 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

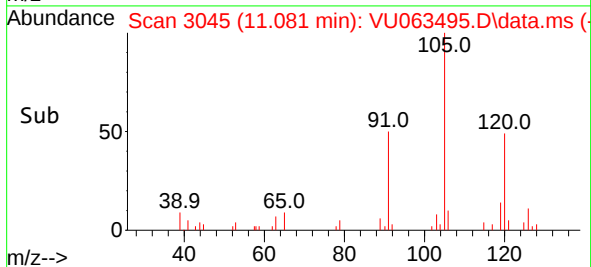
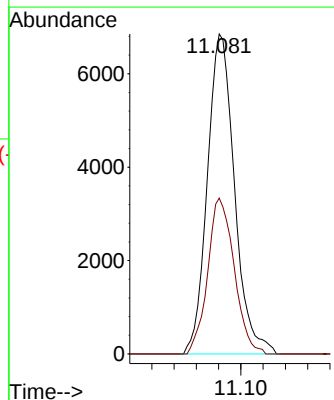
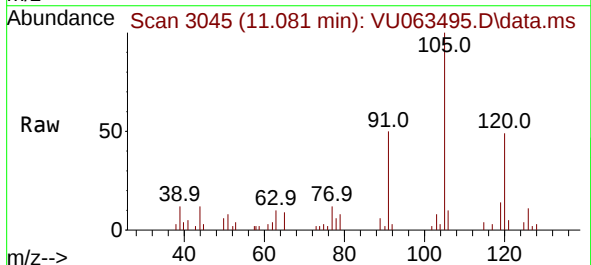
Instrument :
MSVOA_U
ClientSampleId :
MDL05

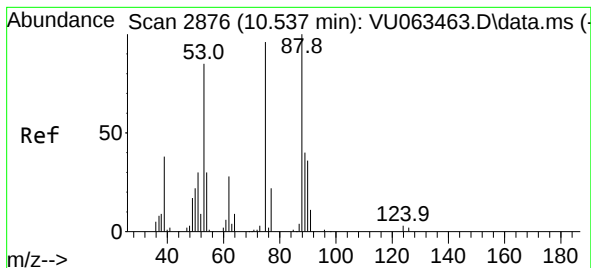
Tgt Ion: 91 Resp: 10193
Ion Ratio Lower Upper
91 100
126 30.6 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 2.290 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 105 Resp: 11600
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.2

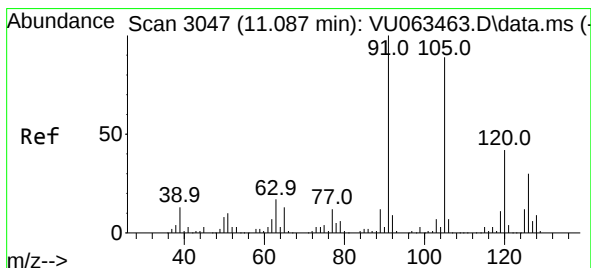
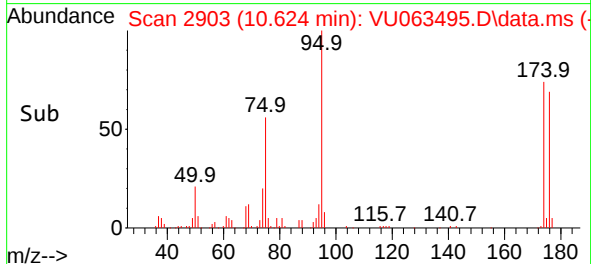
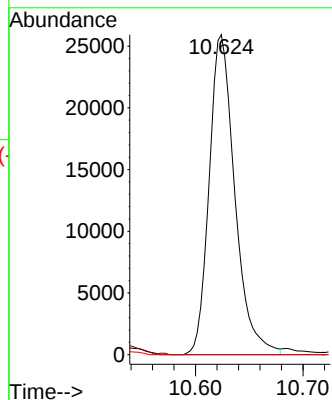
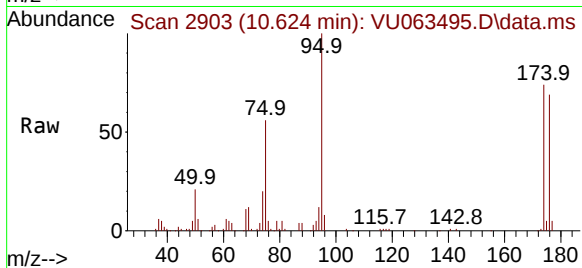




#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.165 ug/l
 RT: 10.624 min Scan# 2903
 Delta R.T. 0.087 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

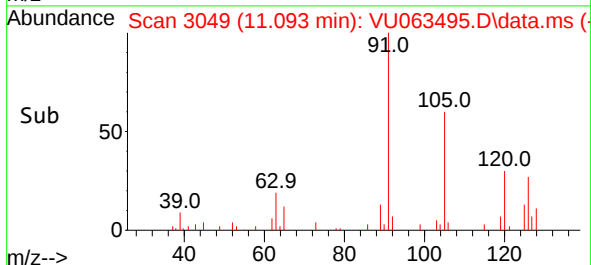
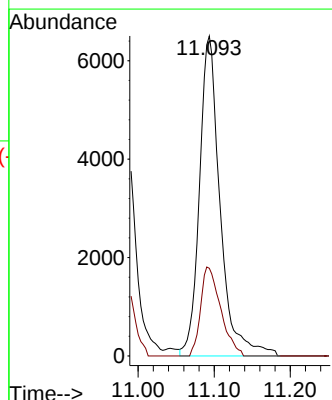
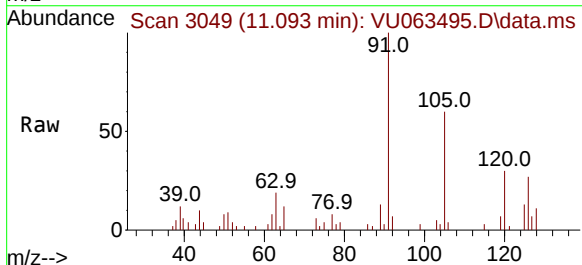
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

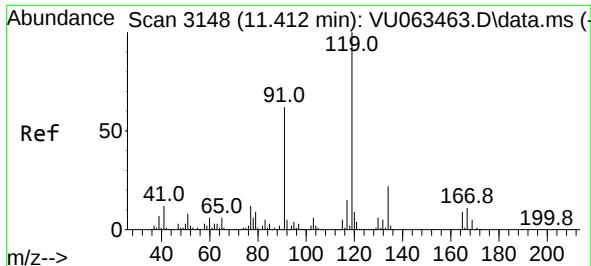
Tgt Ion: 75 Resp: 43028
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 36.3 54.5#



#82
 4-Chlorotoluene
 Concen: 2.566 ug/l
 RT: 11.093 min Scan# 3049
 Delta R.T. 0.006 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Tgt Ion: 91 Resp: 12271
 Ion Ratio Lower Upper
 91 100
 126 26.9 14.4 43.2

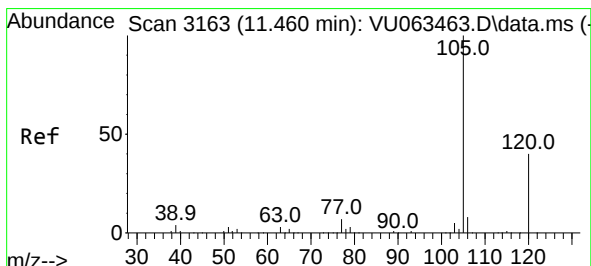
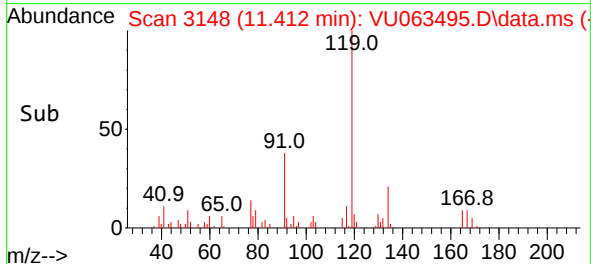
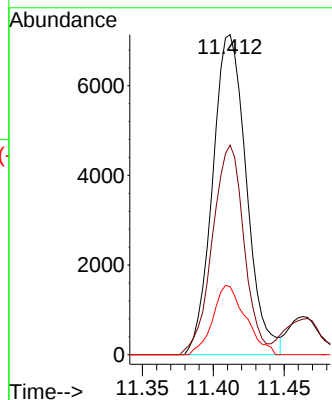
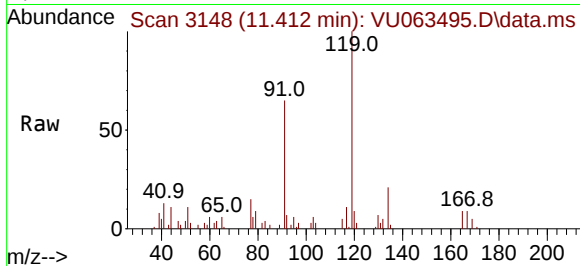




#83
tert-Butylbenzene
Concen: 2.444 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

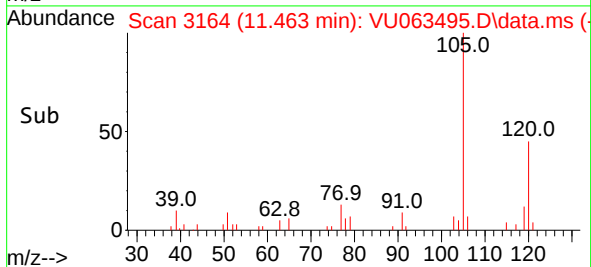
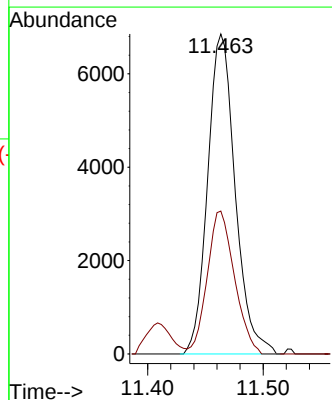
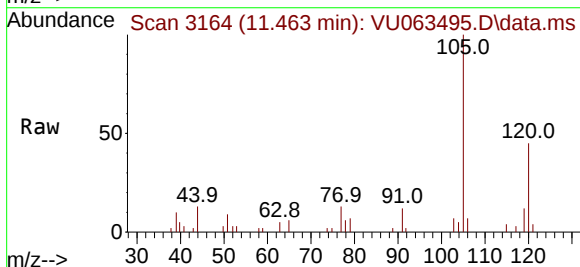
Instrument :
MSVOA_U
ClientSampleId :
MDL05

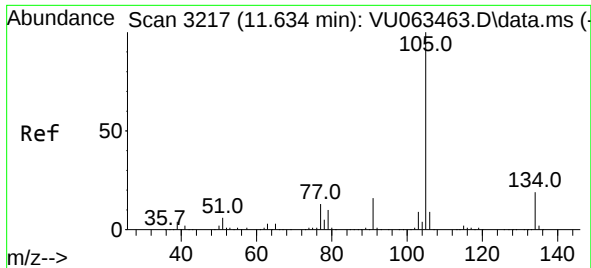
Tgt Ion:119 Resp: 11872
Ion Ratio Lower Upper
119 100
91 61.4 30.3 91.0
134 21.0 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 2.282 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:105 Resp: 11350
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.3

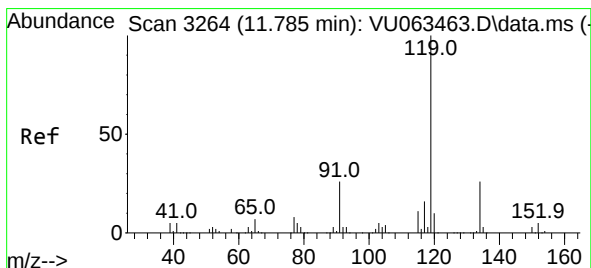
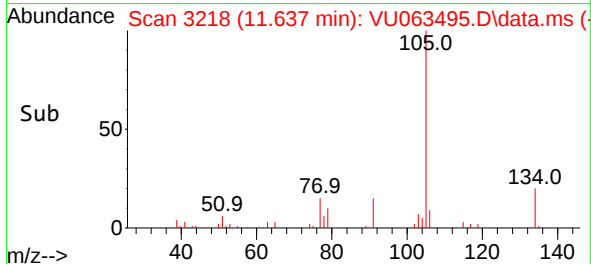
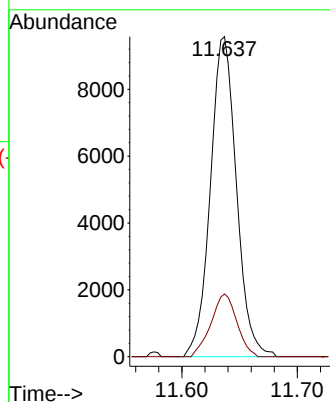
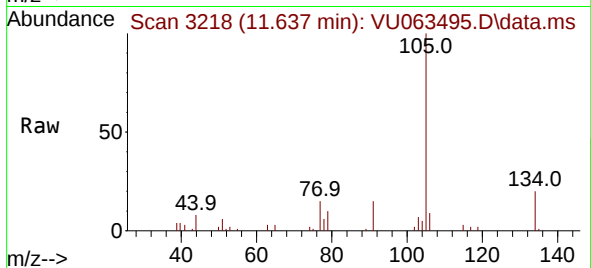




#85
 sec-Butylbenzene
 Concen: 2.342 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.003 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

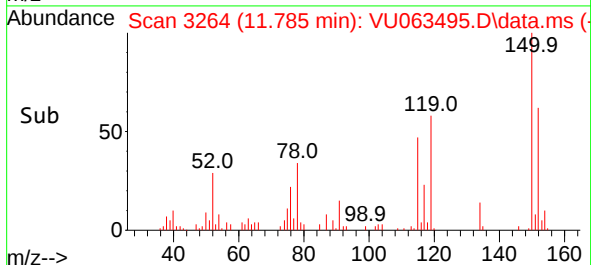
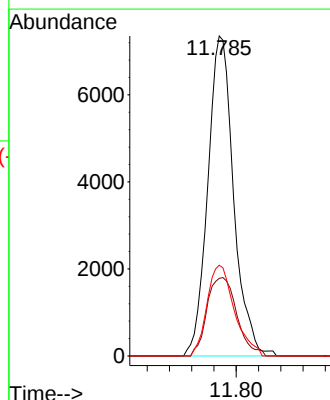
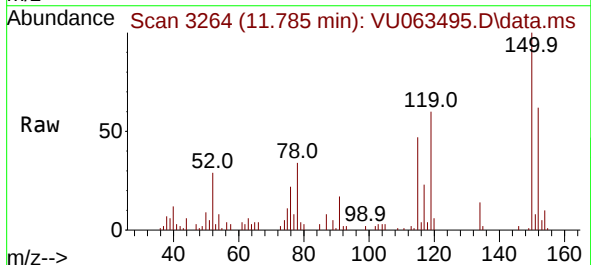
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

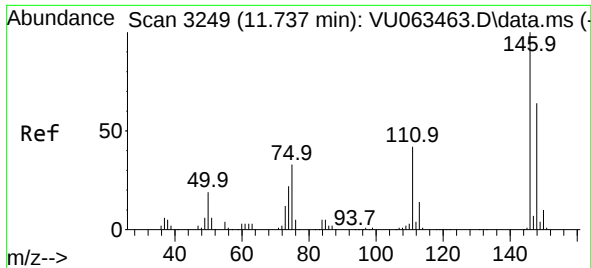
Tgt Ion:105 Resp: 15010
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 2.279 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063495.D
 Acq: 11 Jul 2025 16:18

Tgt Ion:119 Resp: 11850
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.0 38.9
 91 30.0 13.0 38.9

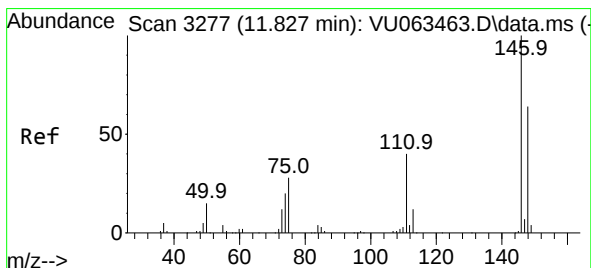
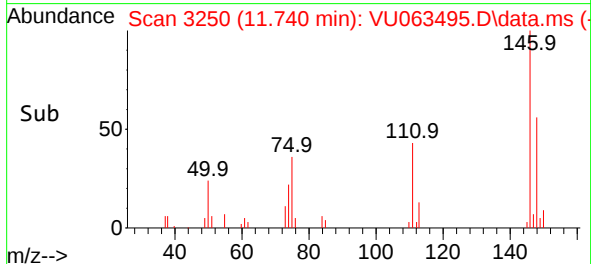
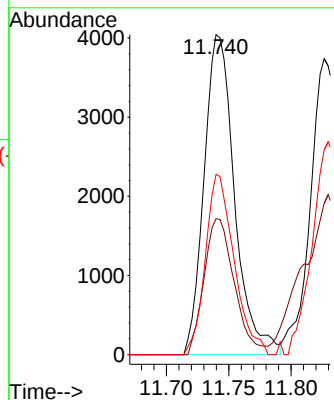
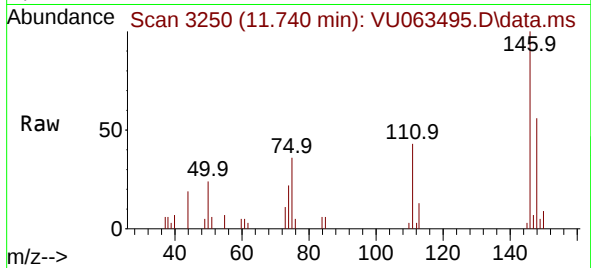




#87
1,3-Dichlorobenzene
Concen: 2.523 ug/l
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

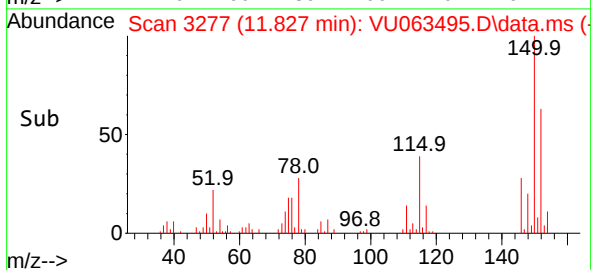
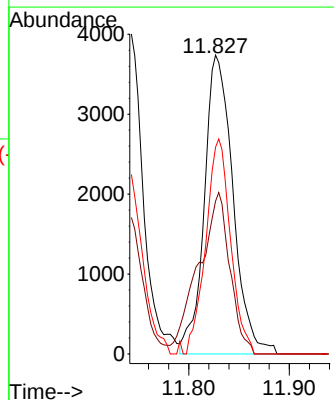
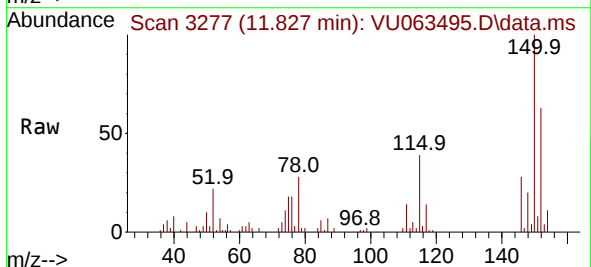
Instrument :
MSVOA_U
ClientSampleId :
MDL05

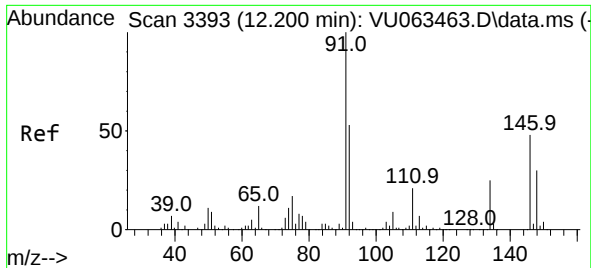
Tgt Ion:146 Resp: 6901
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.7
148 52.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 2.655 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:146 Resp: 7405
Ion Ratio Lower Upper
146 100
111 59.0 20.8 62.4
148 62.2 31.9 95.9

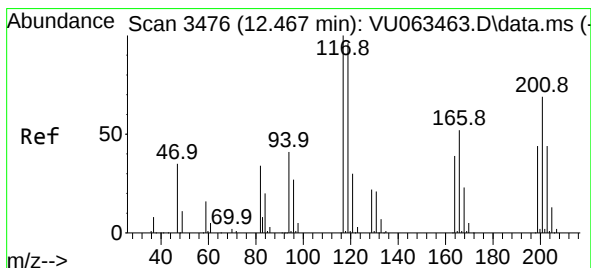
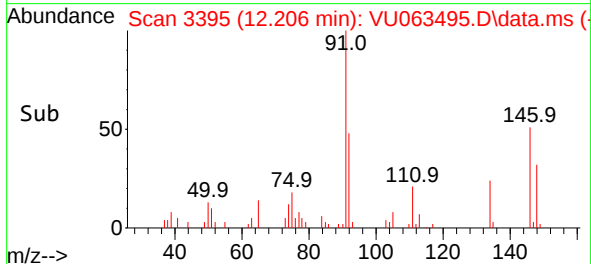
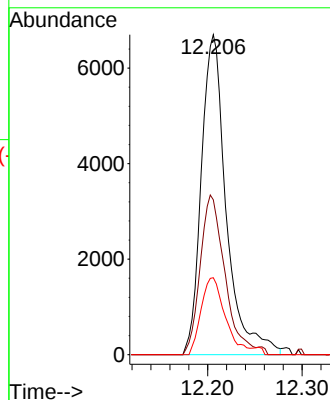
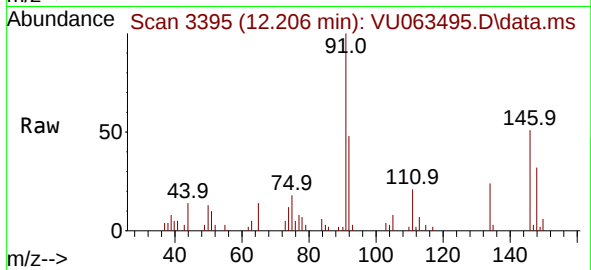




#89
n-Butylbenzene
Concen: 2.551 ug/l
RT: 12.206 min Scan# 3393
Delta R.T. 0.006 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

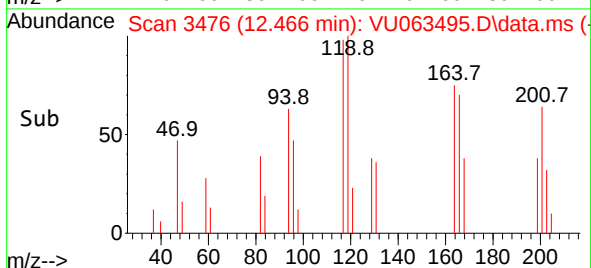
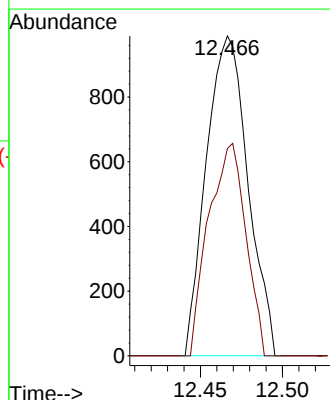
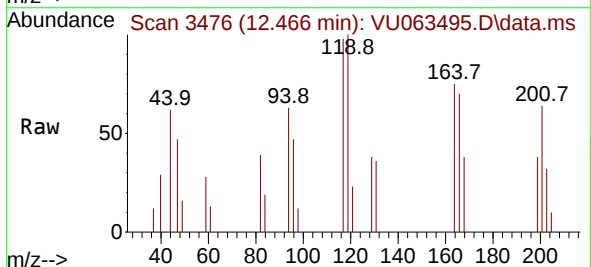
Instrument :
MSVOA_U
ClientSampleId :
MDL05

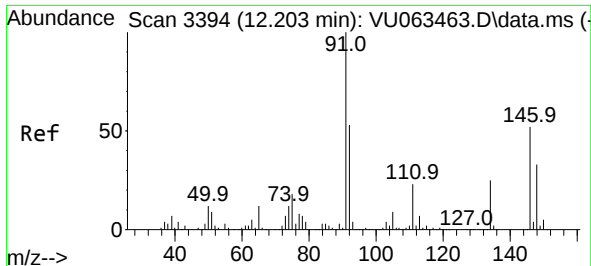
Tgt Ion: 91 Resp: 12279
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.2
134 23.3 12.4 37.0



#90
Hexachloroethane
Concen: 2.003 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion: 117 Resp: 1742
Ion Ratio Lower Upper
117 100
201 59.3 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 2.488 ug/l

RT: 12.212 min Scan# 3394

Delta R.T. 0.009 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

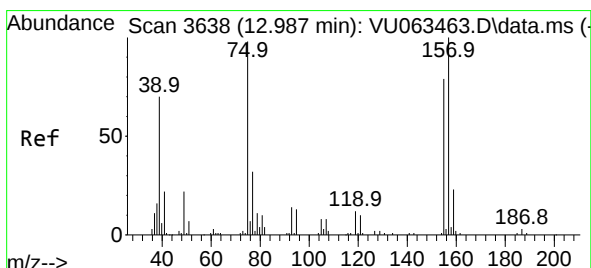
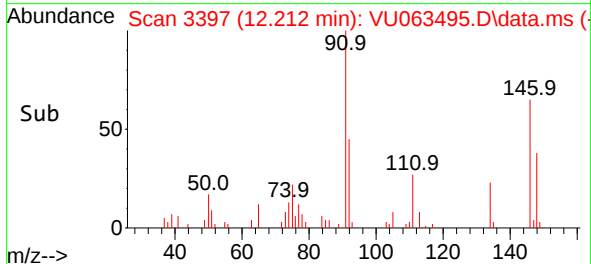
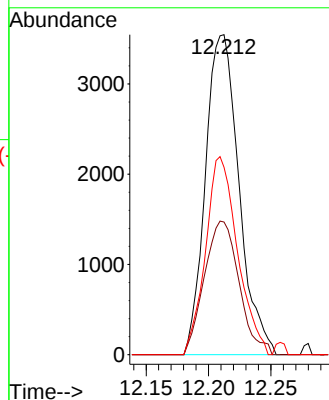
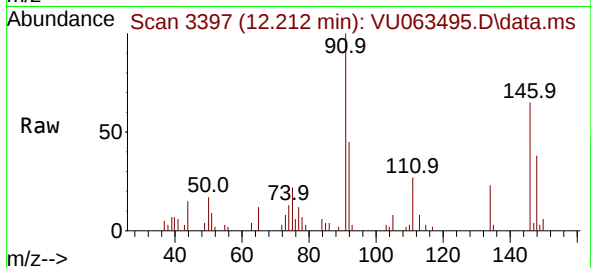
Tgt Ion:146 Resp: 6636

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.5

148 59.0 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.989 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

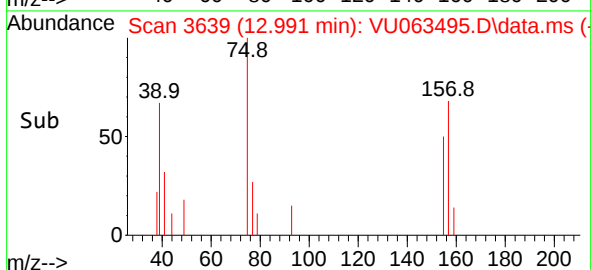
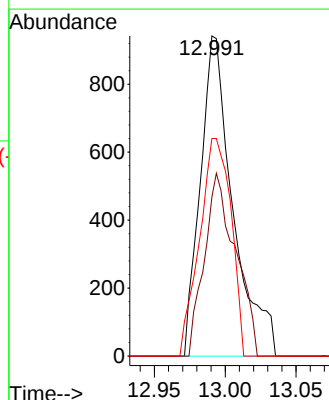
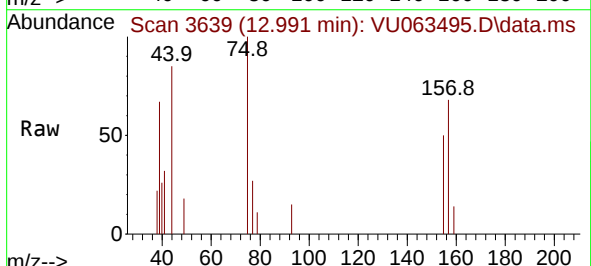
Tgt Ion: 75 Resp: 1509

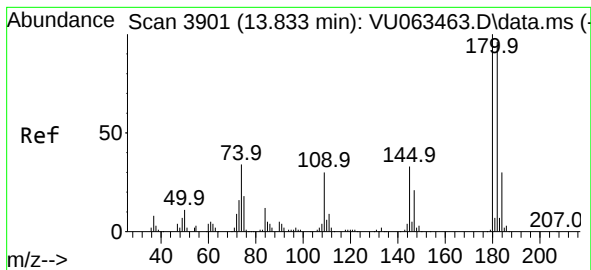
Ion Ratio Lower Upper

75 100

155 54.5 39.1 117.5

157 65.4 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 2.366 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

Instrument :

MSVOA_U

ClientSampleId :

MDL05

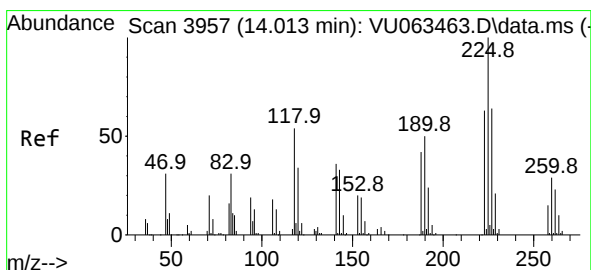
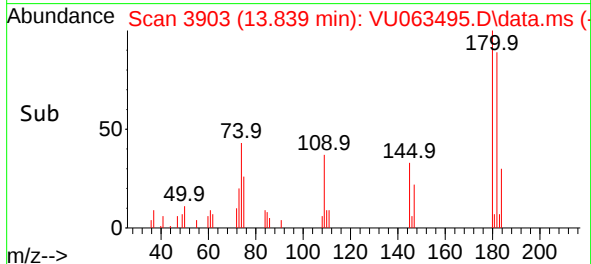
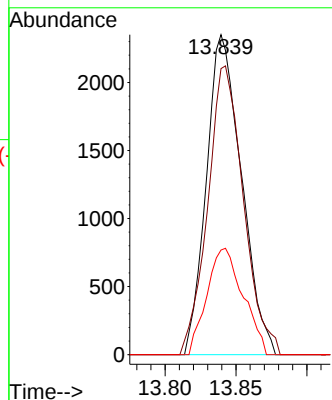
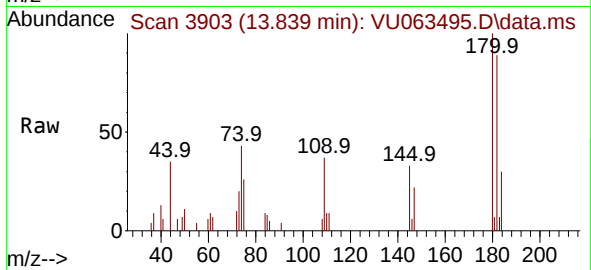
Tgt Ion:180 Resp: 4041

Ion Ratio Lower Upper

180 100

182 91.8 47.7 143.1

145 34.2 16.6 49.7



#94

Hexachlorobutadiene

Concen: 2.464 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063495.D

Acq: 11 Jul 2025 16:18

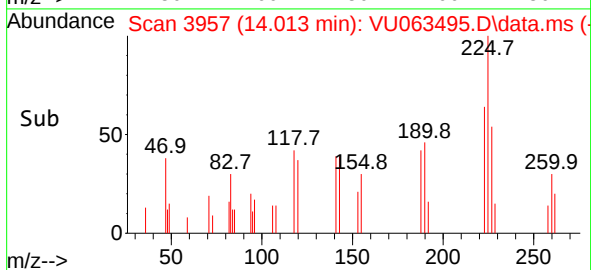
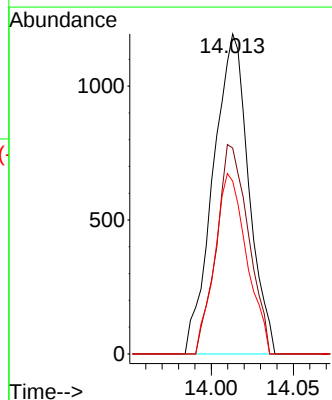
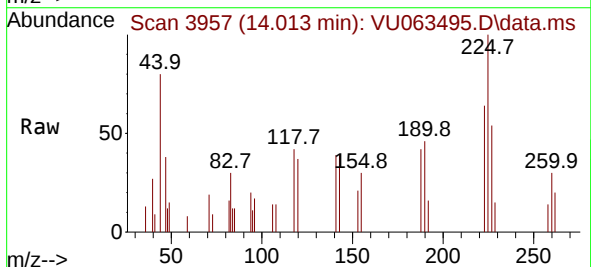
Tgt Ion:225 Resp: 1799

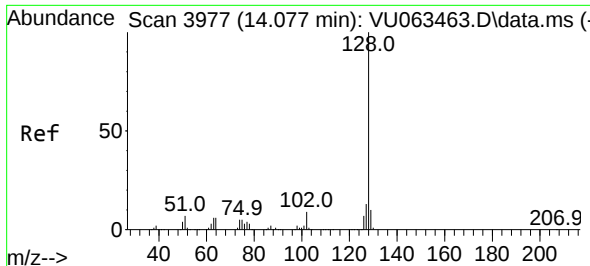
Ion Ratio Lower Upper

225 100

223 59.0 32.4 97.0

227 50.7 32.3 96.9

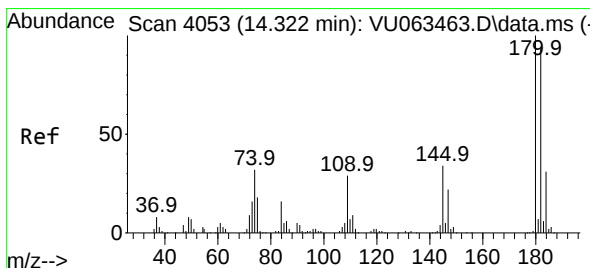
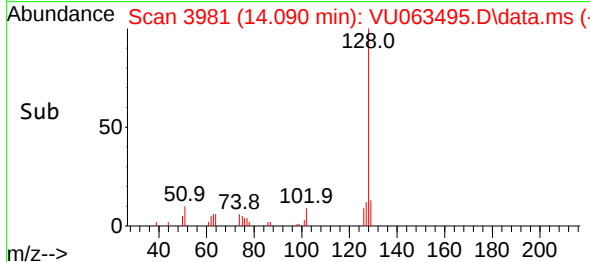
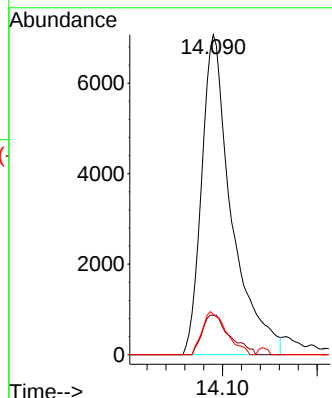
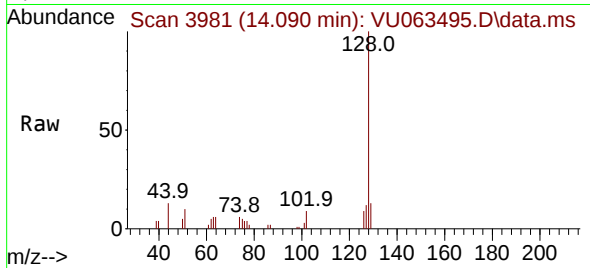




#95
Naphthalene
Concen: 2.767 ug/l
RT: 14.090 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:128	Resp:	15481
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.2 15.4
129	11.0	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.532 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063495.D
Acq: 11 Jul 2025 16:18

Tgt Ion:180	Resp:	4251
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.8 143.3
145	37.9	17.2 51.5

