

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063505.D
 Acq On : 14 Jul 2025 13:27
 Operator : MD/SY
 Sample : MDL06
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Jul 15 01:34:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	98551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	175512	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	163906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	81799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	67968	54.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.100%	
35) Dibromofluoromethane	5.274	113	53079	50.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	7.888	98	167352	48.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.060%	
62) 4-Bromofluorobenzene	10.624	95	73388	48.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1852	2.363	ug/l	94
3) Chloromethane	1.518	50	2708	2.837	ug/l	92
4) Vinyl Chloride	1.599	62	3282	3.100	ug/l	97
5) Bromomethane	1.846	94	3160	4.261	ug/l	85
6) Chloroethane	1.924	64	2511	3.274	ug/l	98
7) Trichlorofluoromethane	2.126	101	5362	3.140	ug/l	93
8) Diethyl Ether	2.367	74	2061	2.896	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.563	101	2699	2.672	ug/l	98
10) Methyl Iodide	2.708	142	2488	2.358	ug/l	99
11) Tert butyl alcohol	3.194	59	7408	17.572	ug/l #	80
12) 1,1-Dichloroethene	2.567	96	2672	2.842	ug/l	94
13) Acrolein	2.477	56	789	13.259	ug/l	98
14) Allyl chloride	2.904	41	6311	2.820	ug/l #	91
15) Acrylonitrile	3.303	53	14445	15.996	ug/l	96
16) Acetone	2.621	43	15739	14.922	ug/l	99
17) Carbon Disulfide	2.776	76	7327	3.260	ug/l #	91
18) Methyl Acetate	2.943	43	6943	2.558	ug/l	95
19) Methyl tert-butyl Ether	3.364	73	11452	2.824	ug/l	98
20) Methylene Chloride	3.030	84	4004	2.603	ug/l #	90
21) trans-1,2-Dichloroethene	3.329	96	3246	3.213	ug/l	88
22) Diisopropyl ether	3.988	45	10303	2.704	ug/l #	53
23) Vinyl Acetate	3.952	43	40433	13.674	ug/l	98
24) 1,1-Dichloroethane	3.846	63	6337	2.930	ug/l	99
25) 2-Butanone	4.724	43	16132	13.624	ug/l #	87
26) 2,2-Dichloropropane	4.647	77	5530	2.939	ug/l	89
27) cis-1,2-Dichloroethene	4.657	96	3697	2.773	ug/l	98
28) Bromochloromethane	4.959	49	3050	3.002	ug/l #	97
29) Tetrahydrofuran	5.062	42	10770	14.419	ug/l	97
30) Chloroform	5.075	83	6264	2.743	ug/l	99
31) Cyclohexane	5.361	56	7587	4.364	ug/l #	59
32) 1,1,1-Trichloroethane	5.296	97	4724	2.430	ug/l	95
36) 1,1-Dichloropropene	5.518	75	4395	3.057	ug/l	98
37) Ethyl Acetate	4.837	43	4405	1.892	ug/l #	91
38) Carbon Tetrachloride	5.505	117	4010	2.532	ug/l	96
39) Methylcyclohexane	6.747	83	5024	2.892	ug/l	90
40) Benzene	5.766	78	12565	2.799	ug/l	94

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.991	41	2762	2.514	ug/l #	68
42) 1,2-Dichloroethane	5.788	62	5236	3.102	ug/l	93
43) Isopropyl Acetate	5.923	43	8038	2.599	ug/l #	94
44) Trichloroethene	6.534	130	3111	2.589	ug/l	95
45) 1,2-Dichloropropane	6.782	63	3244	2.599	ug/l	92
46) Dibromomethane	6.914	93	2539	2.859	ug/l	86
47) Bromodichloromethane	7.094	83	4610	2.497	ug/l #	97
48) Methyl methacrylate	6.968	41	3418	2.391	ug/l	96
49) 1,4-Dioxane	6.981	88	1247	39.760	ug/l	91
51) 4-Methyl-2-Pentanone	7.788	43	32304	14.433	ug/l	96
52) Toluene	7.962	92	8222	2.800	ug/l	100
53) t-1,3-Dichloropropene	8.206	75	3357	2.078	ug/l	99
54) cis-1,3-Dichloropropene	7.599	75	3978	2.199	ug/l #	86
55) 1,1,2-Trichloroethane	8.396	97	3129	2.509	ug/l	93
56) Ethyl methacrylate	8.335	69	4631	2.302	ug/l #	80
57) 1,3-Dichloropropane	8.566	76	5346	2.601	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.486	63	111	5.314	ug/l #	65
59) 2-Hexanone	8.682	43	24863	14.687	ug/l	97
60) Dibromochloromethane	8.804	129	3236	2.316	ug/l	94
61) 1,2-Dibromoethane	8.917	107	3015	2.463	ug/l	82
64) Tetrachloroethene	8.541	164	3229	2.646	ug/l	89
65) Chlorobenzene	9.441	112	9018	2.645	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.525	131	2646	2.263	ug/l	88
67) Ethyl Benzene	9.563	91	16385	2.796	ug/l	97
68) m/p-Xylenes	9.685	106	11765	5.260	ug/l	94
69) o-Xylene	10.094	106	5565	2.447	ug/l	98
70) Styrene	10.110	104	9190	2.542	ug/l	97
71) Bromoform	10.283	173	1968	1.931	ug/l #	98
73) Isopropylbenzene	10.476	105	14991	2.693	ug/l	97
74) N-amyl acetate	10.319	43	6271	2.512	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	10.772	83	5669	2.767	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	5410	2.496	ug/l #	1
77) Bromobenzene	10.775	156	3610	2.646	ug/l	90
78) n-propylbenzene	10.901	91	18027	2.793	ug/l	97
79) 2-Chlorotoluene	10.981	91	11067	2.734	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	12577	2.583	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.624	75	41724	96.007	ug/l #	12
82) 4-Chlorotoluene	11.094	91	12245	2.664	ug/l	97
83) tert-Butylbenzene	11.412	119	12555	2.689	ug/l	96
84) 1,2,4-Trimethylbenzene	11.463	105	12129	2.537	ug/l	99
85) sec-Butylbenzene	11.637	105	16692	2.710	ug/l	98
86) p-Isopropyltoluene	11.788	119	12963	2.594	ug/l	96
87) 1,3-Dichlorobenzene	11.743	146	7305	2.779	ug/l	97
88) 1,4-Dichlorobenzene	11.827	146	7707	2.875	ug/l	90
89) n-Butylbenzene	12.203	91	12515	2.706	ug/l	96
90) Hexachloroethane	12.470	117	1820	2.177	ug/l	91
91) 1,2-Dichlorobenzene	12.209	146	7295	2.846	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.994	75	1554	3.203	ug/l	71
93) 1,2,4-Trichlorobenzene	13.843	180	4570	2.784	ug/l	98
94) Hexachlorobutadiene	14.013	225	1718	2.448	ug/l	91
95) Naphthalene	14.090	128	17533	3.261	ug/l	98
96) 1,2,3-Trichlorobenzene	14.325	180	4421	2.740	ug/l	98

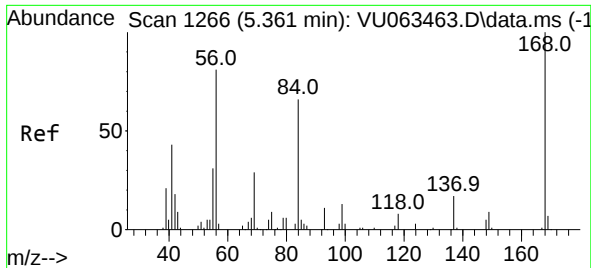
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
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Quant Title : SW846 8260
QLast Update : Tue Jul 15 01:29:09 2025
Response via : Initial Calibration

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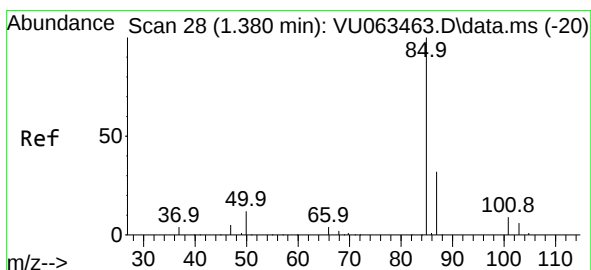
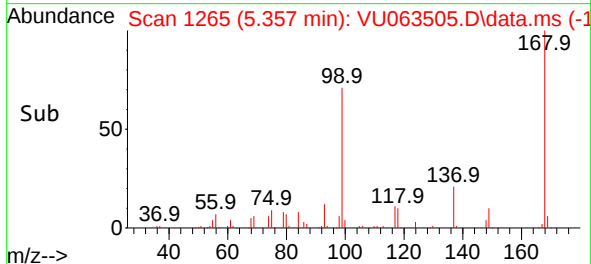
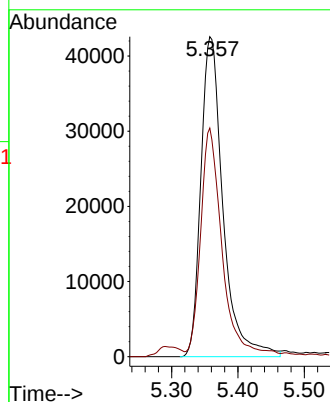
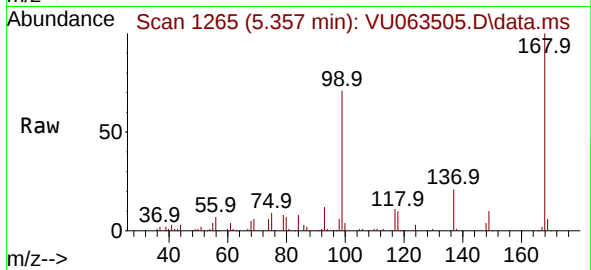
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

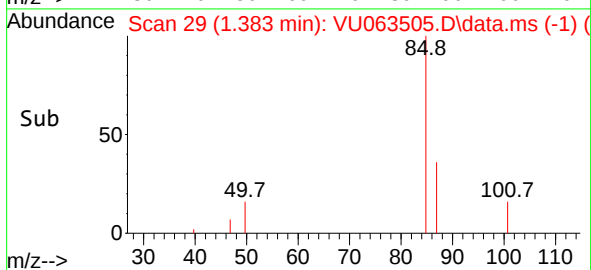
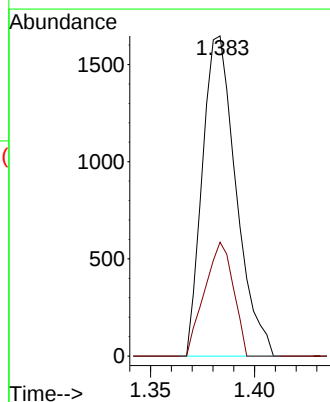
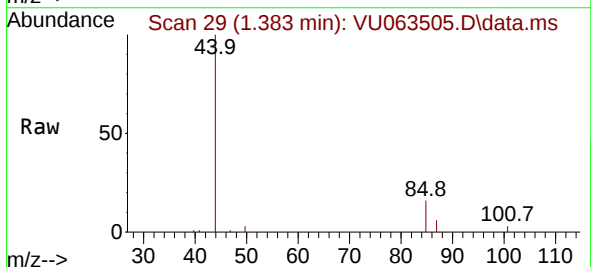
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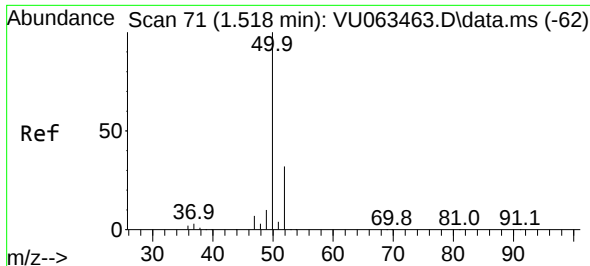
Tgt Ion:168 Resp: 98551
Ion Ratio Lower Upper
168 100
99 70.5 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.363 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 85 Resp: 1852
Ion Ratio Lower Upper
85 100
87 35.6 16.1 48.2

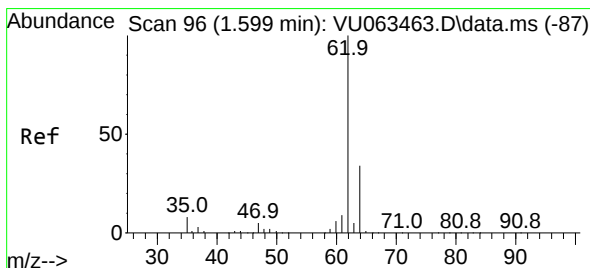
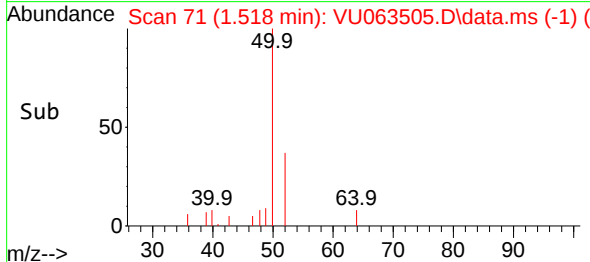
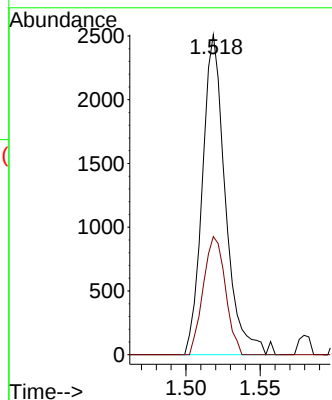
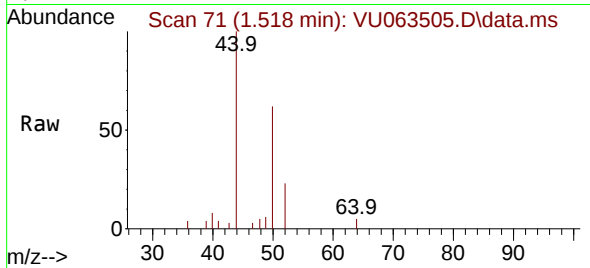




#3
Chloromethane
Concen: 2.837 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

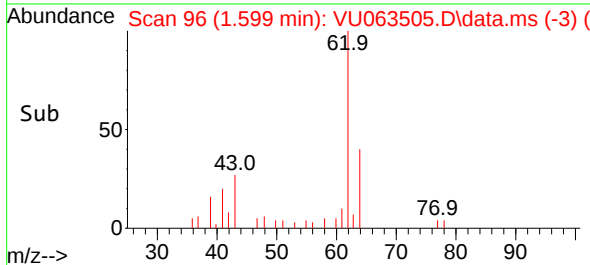
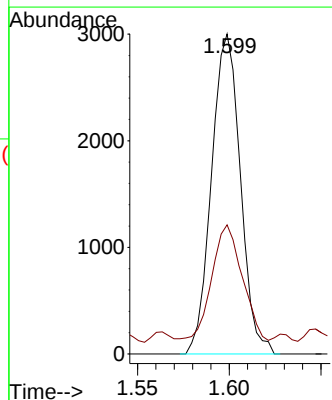
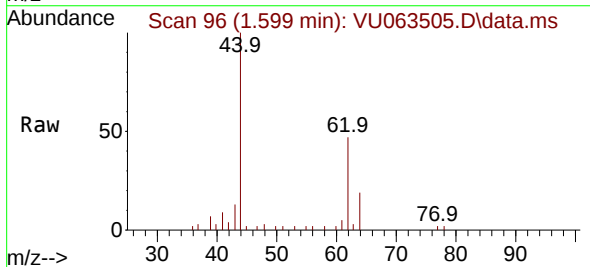
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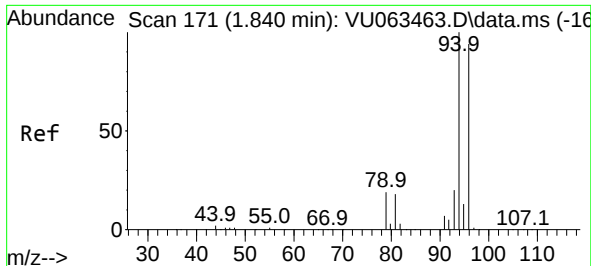
Tgt Ion: 50 Resp: 2708
Ion Ratio Lower Upper
50 100
52 36.9 25.8 38.8



#4
Vinyl Chloride
Concen: 3.100 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 62 Resp: 3282
Ion Ratio Lower Upper
62 100
64 35.6 26.9 40.3

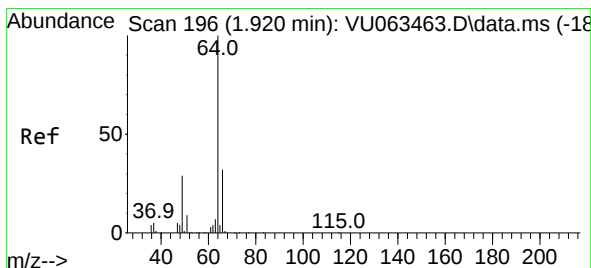
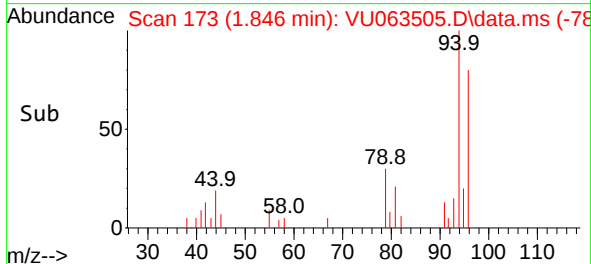
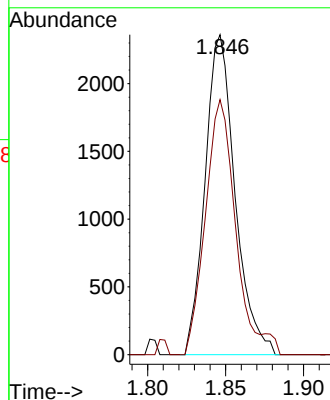
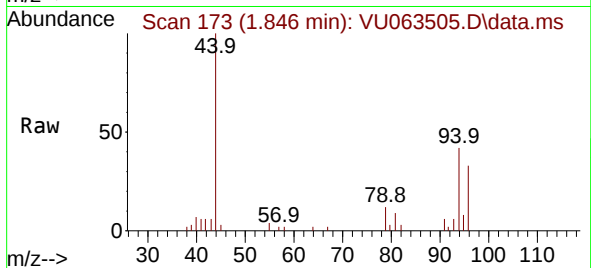




#5
Bromomethane
Concen: 4.261 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

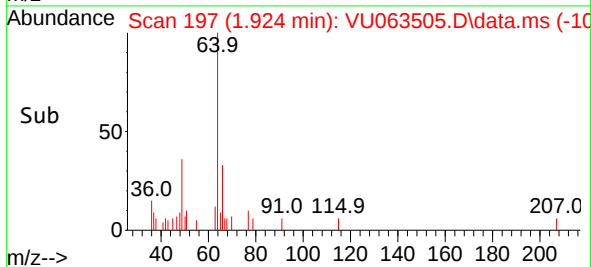
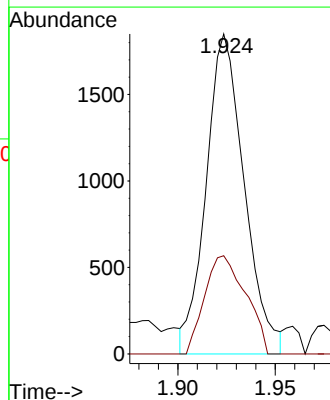
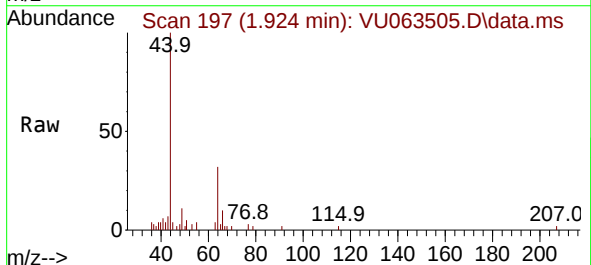
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 3160
Ion Ratio Lower Upper
94 100
96 79.7 75.5 113.3



#6
Chloroethane
Concen: 3.274 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 64 Resp: 2511
Ion Ratio Lower Upper
64 100
66 33.0 25.3 37.9

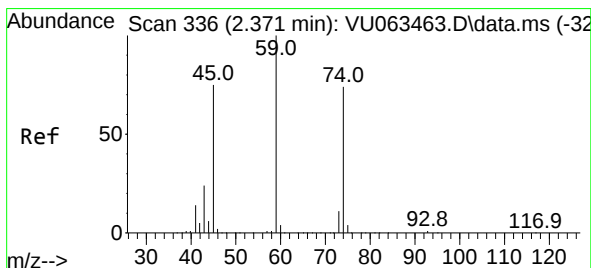
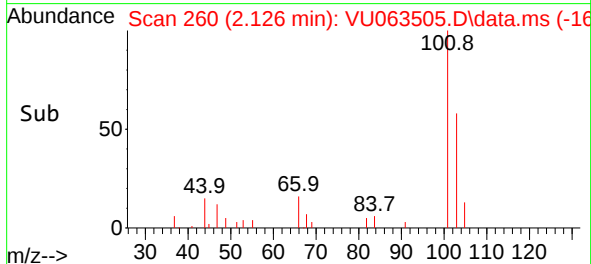
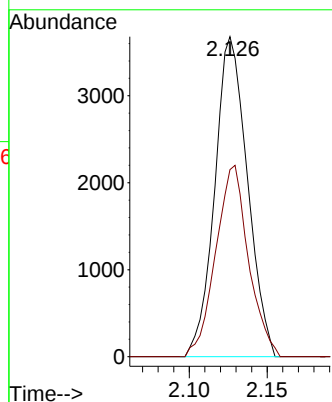
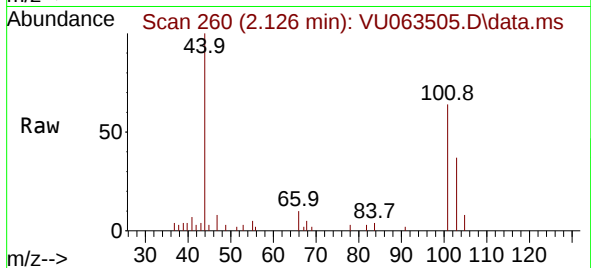




#7
 Trichlorofluoromethane
 Concen: 3.140 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

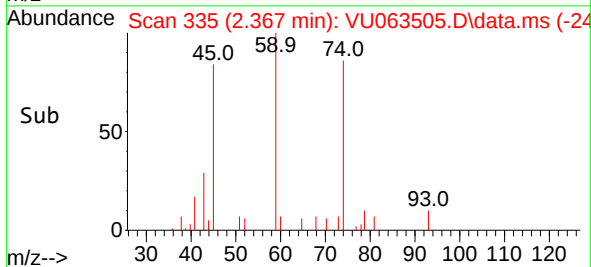
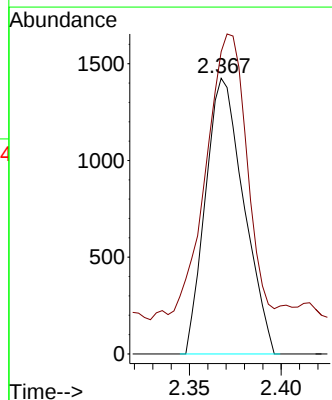
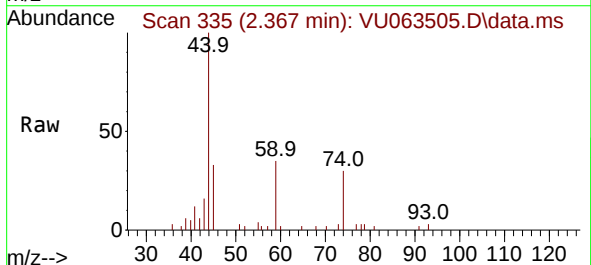
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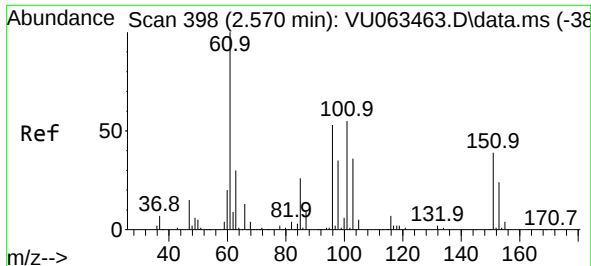
Tgt Ion:101 Resp: 5362
 Ion Ratio Lower Upper
 101 100
 103 58.4 51.1 76.7



#8
 Diethyl Ether
 Concen: 2.896 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

Tgt Ion: 74 Resp: 2061
 Ion Ratio Lower Upper
 74 100
 45 111.5 49.7 149.1

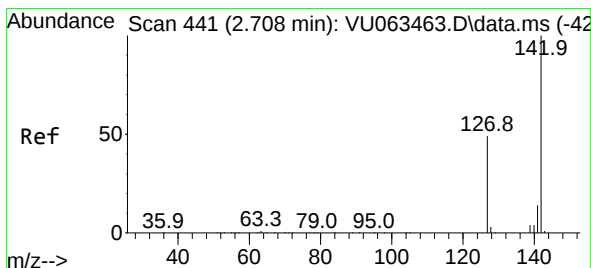
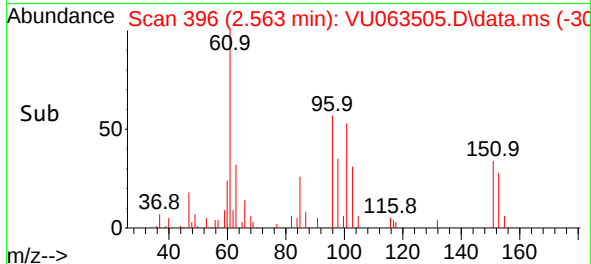
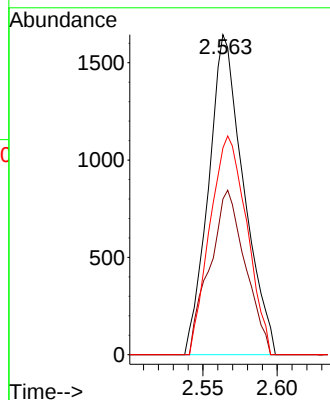
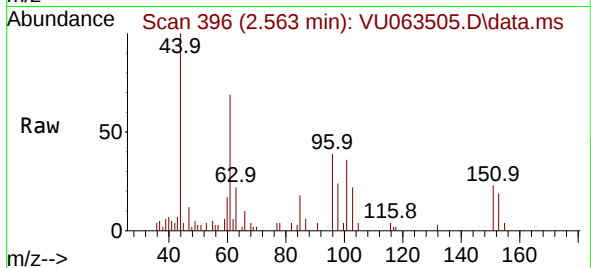




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.672 ug/l
RT: 2.563 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

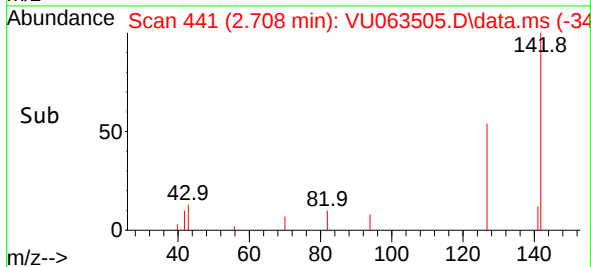
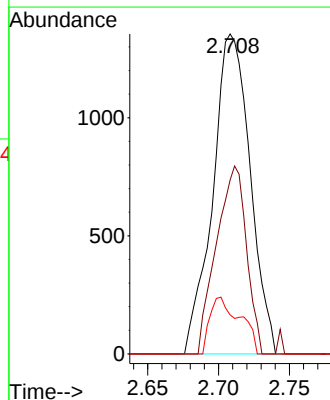
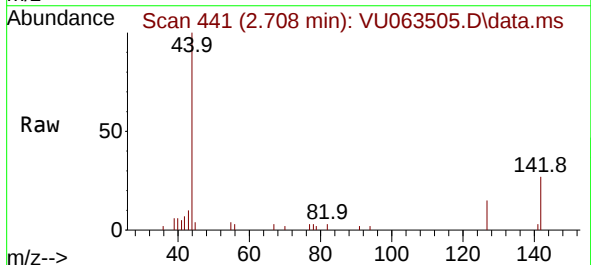
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MDL06

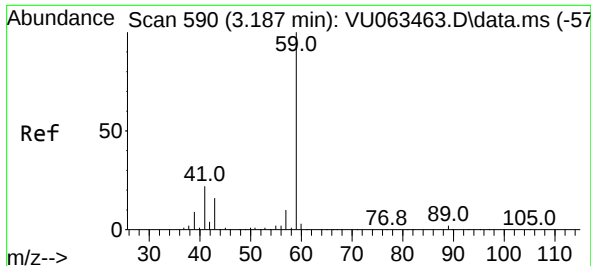
Tgt Ion:101 Resp: 2699
Ion Ratio Lower Upper
101 100
85 52.2 39.6 59.4
151 72.1 57.2 85.8



#10
Methyl Iodide
Concen: 2.358 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:142 Resp: 2488
Ion Ratio Lower Upper
142 100
127 47.2 38.2 57.4
141 14.3 11.1 16.7

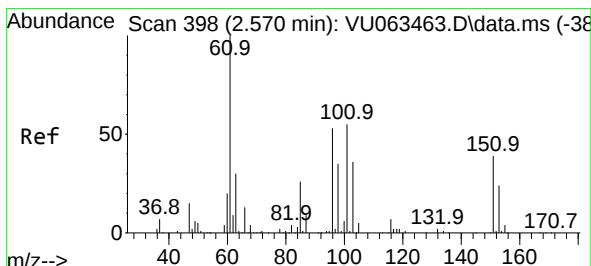
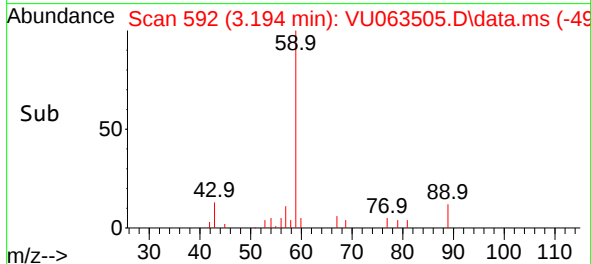
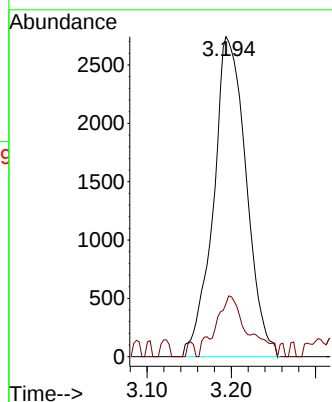
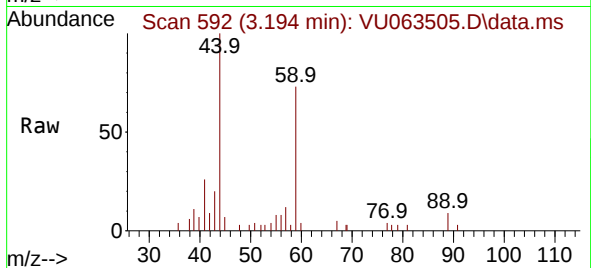




#11
Tert butyl alcohol
Concen: 17.572 ug/l
RT: 3.194 min Scan# 591
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

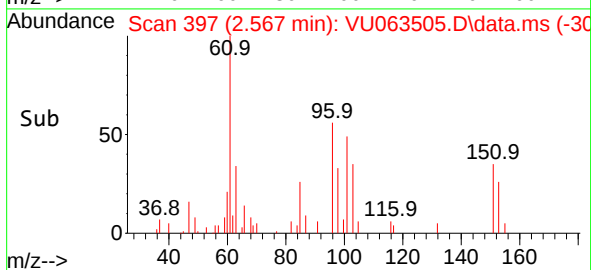
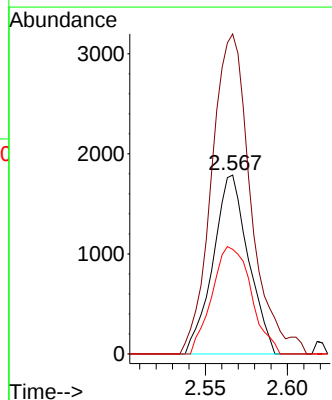
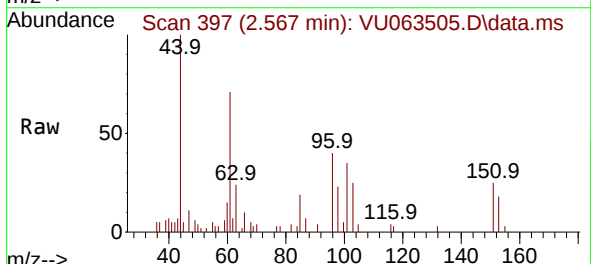
Instrument :
MSVOA_U
ClientSampleId :
MDL06

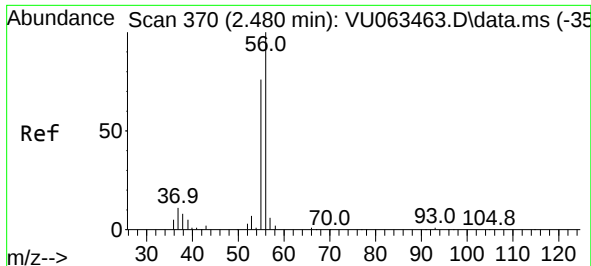
Tgt Ion: 59 Resp: 7408
Ion Ratio Lower Upper
59 100
57 18.4 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 2.842 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 96 Resp: 2672
Ion Ratio Lower Upper
96 100
61 178.9 149.6 224.4
98 58.5 52.0 78.0

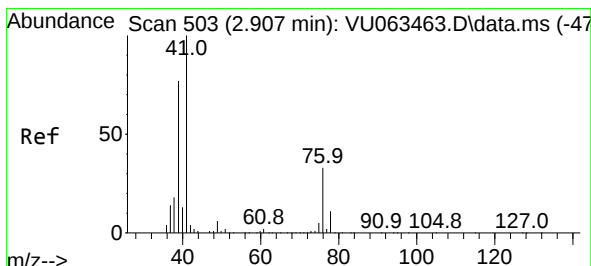
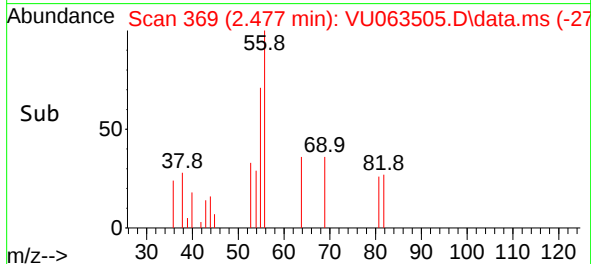
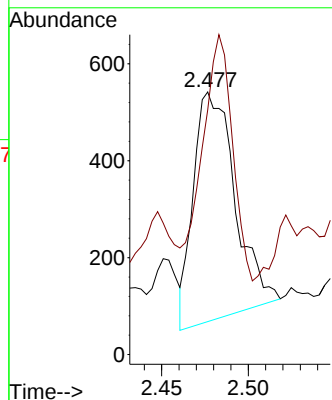
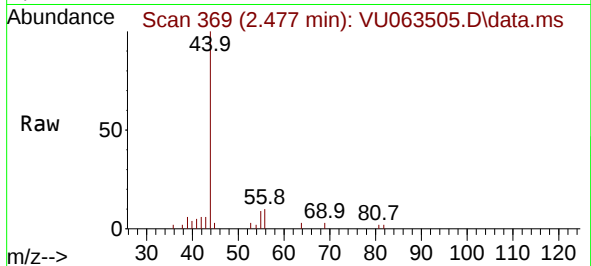




#13
Acrolein
Concen: 13.259 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

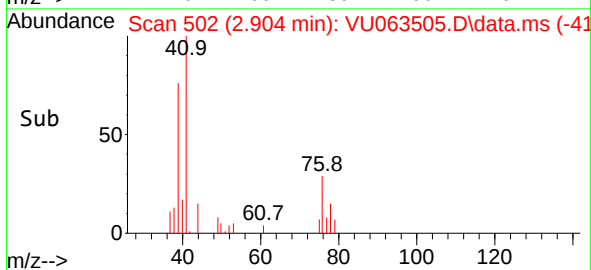
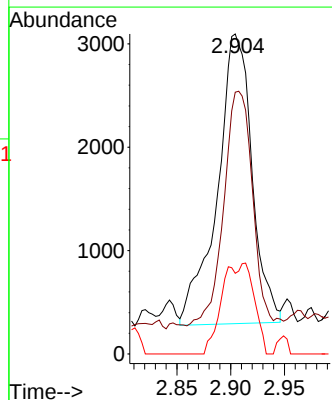
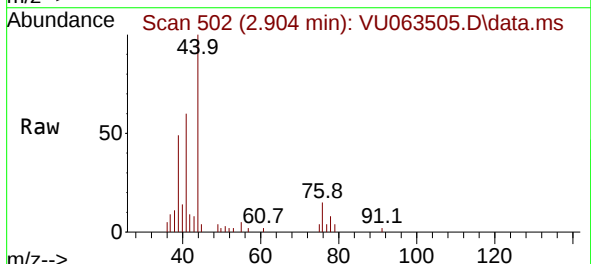
Instrument :
MSVOA_U
ClientSampleId :
MDL06

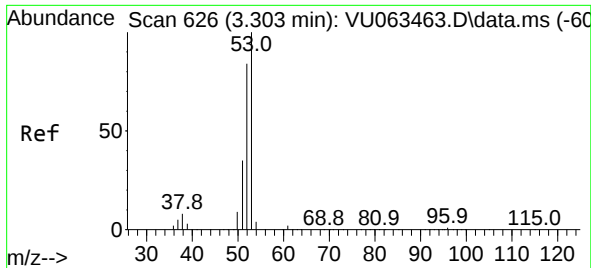
Tgt Ion: 56 Resp: 789
Ion Ratio Lower Upper
56 100
55 77.2 60.2 90.2



#14
Allyl chloride
Concen: 2.820 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 41 Resp: 6311
Ion Ratio Lower Upper
41 100
39 67.0 53.9 80.9
76 14.0 23.1 34.7#

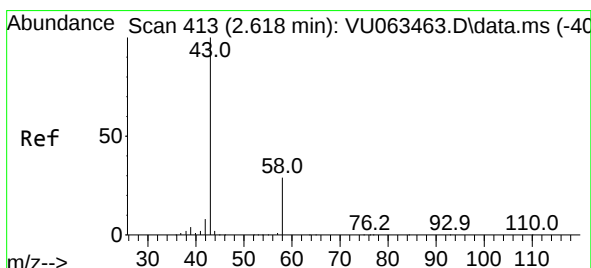
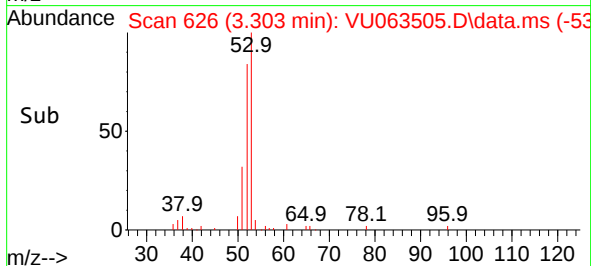
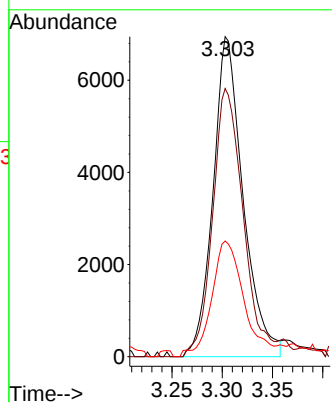
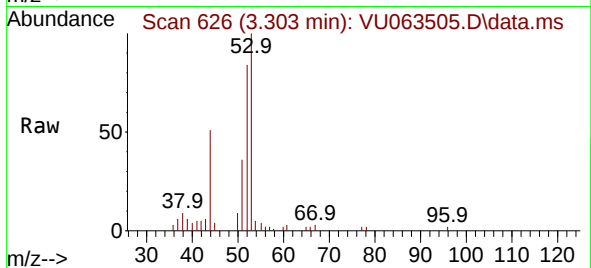




#15
Acrylonitrile
Concen: 15.996 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

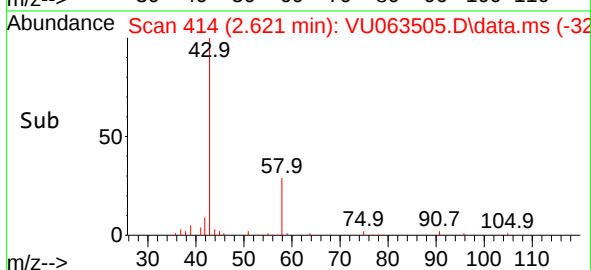
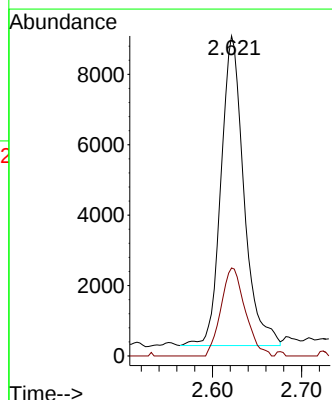
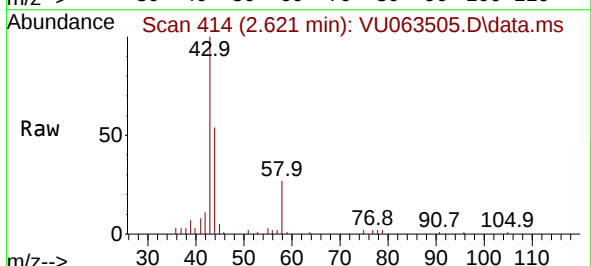
Instrument :
MSVOA_U
ClientSampleId :
MDL06

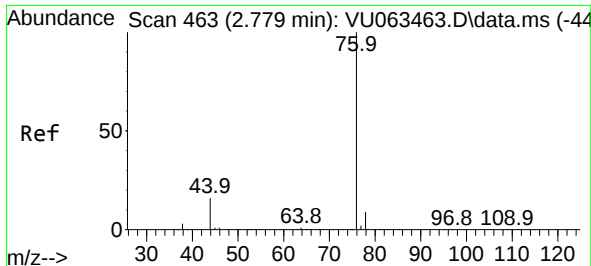
Tgt Ion:	53	Resp:	14445
Ion	Ratio	Lower	Upper
53	100		
52	84.9	65.0	97.4
51	38.3	28.8	43.2



#16
Acetone
Concen: 14.922 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:	43	Resp:	15739
Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.1	34.7

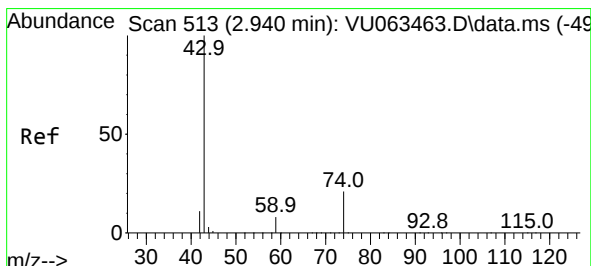
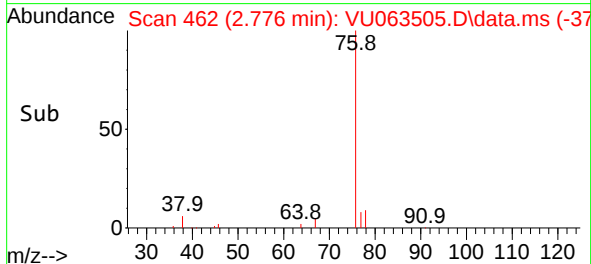
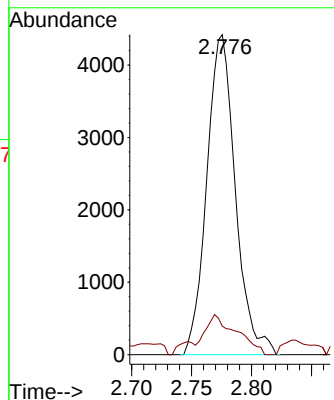
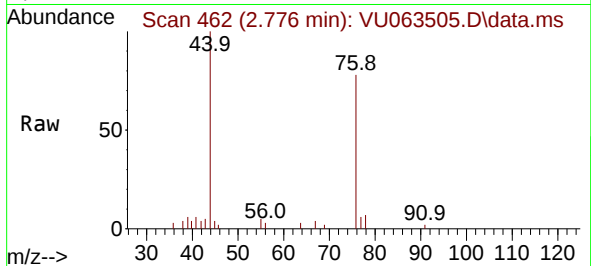




#17
Carbon Disulfide
Concen: 3.260 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

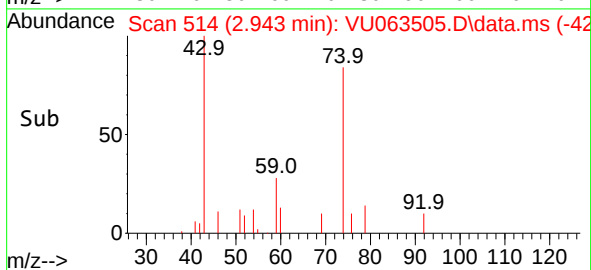
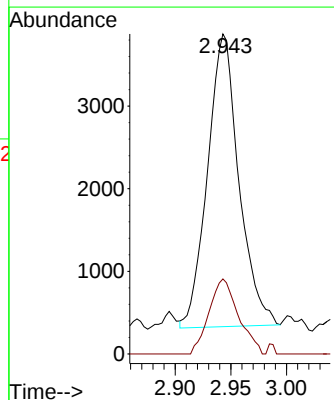
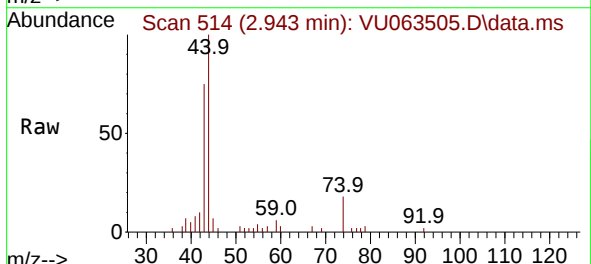
Instrument :
MSVOA_U
ClientSampleId :
MDL06

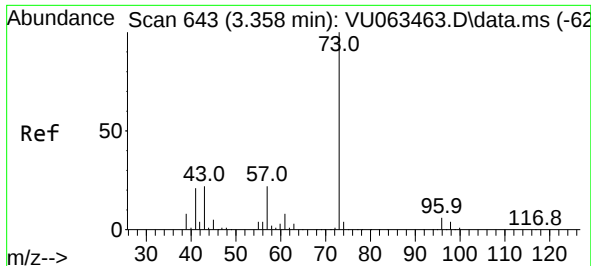
Tgt Ion: 76 Resp: 7327
Ion Ratio Lower Upper
76 100
78 6.1 7.5 11.3#



#18
Methyl Acetate
Concen: 2.558 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 43 Resp: 6943
Ion Ratio Lower Upper
43 100
74 24.0 17.3 25.9

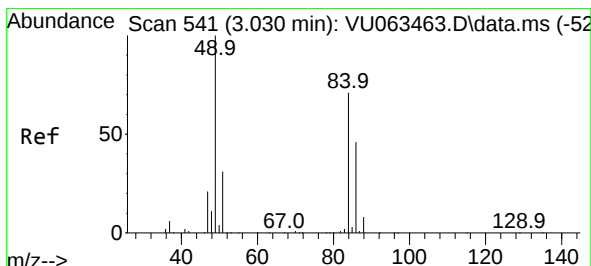
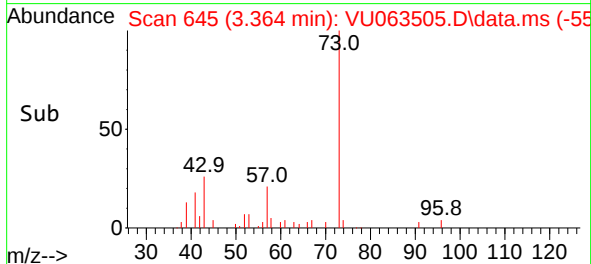
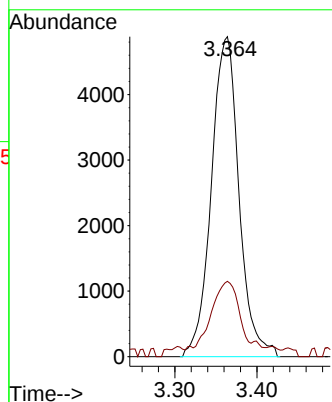
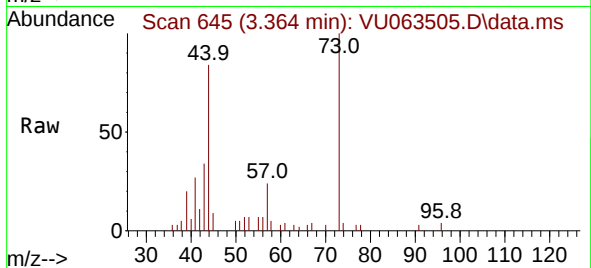




#19
Methyl tert-butyl Ether
Concen: 2.824 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

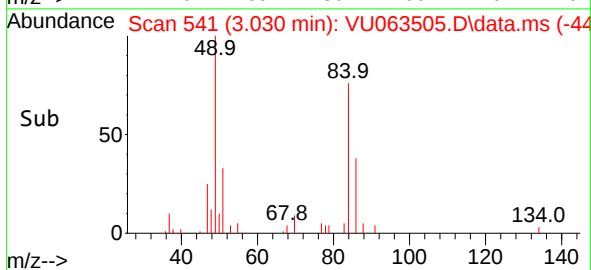
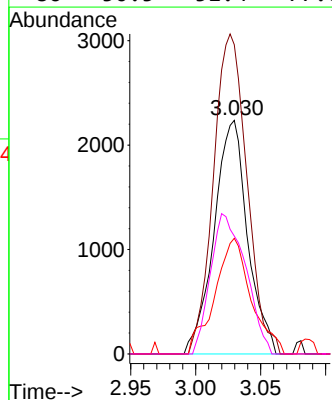
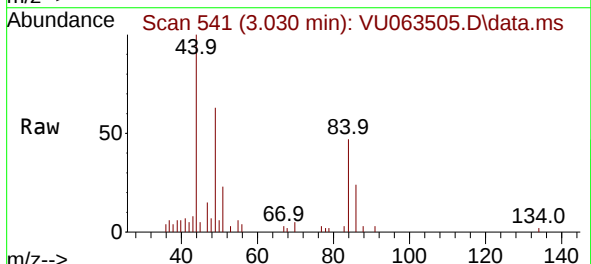
Instrument :
MSVOA_U
ClientSampleId :
MDL06

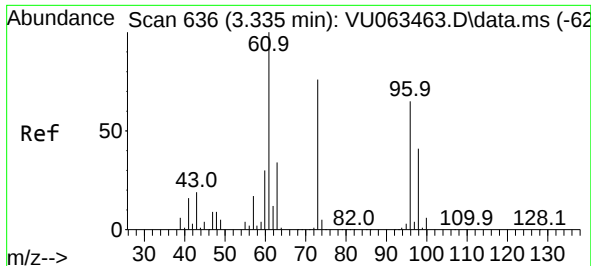
Tgt Ion: 73 Resp: 11452
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6



#20
Methylene Chloride
Concen: 2.603 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 84 Resp: 4004
Ion Ratio Lower Upper
84 100
49 132.4 112.1 168.1
51 49.5 34.4 51.6
86 50.5 51.4 77.0#

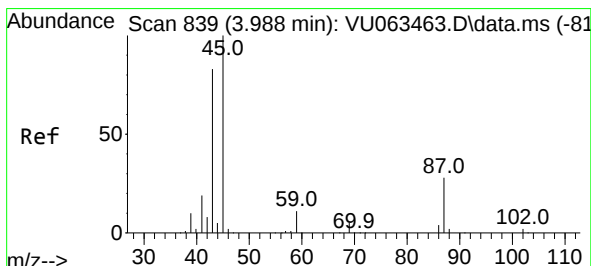
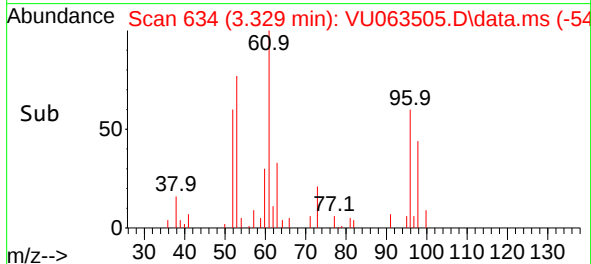
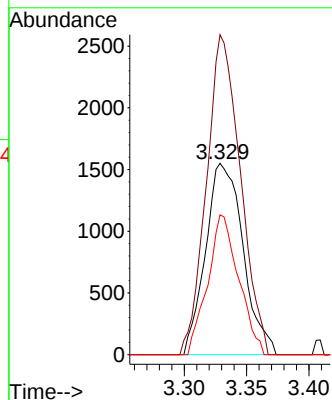
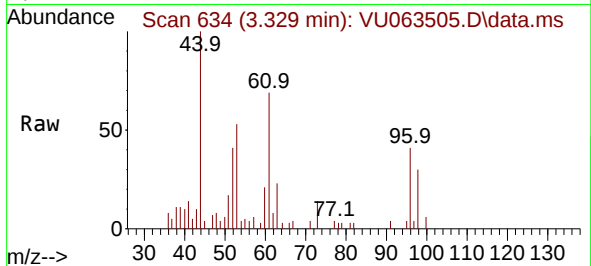




#21
trans-1,2-Dichloroethene
Concen: 3.213 ug/l
RT: 3.329 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

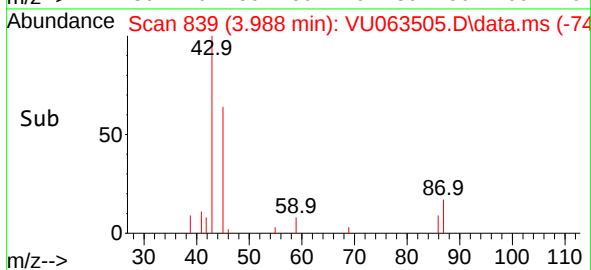
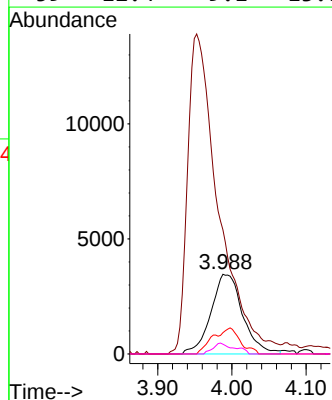
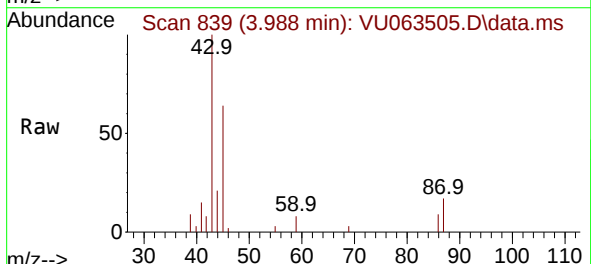
Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 96 Resp: 3246
Ion Ratio Lower Upper
96 100
61 167.3 122.2 183.4
98 73.1 49.9 74.9



#22
Diisopropyl ether
Concen: 2.704 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 45 Resp: 10303
Ion Ratio Lower Upper
45 100
43 144.4 66.5 99.7#
87 26.7 22.6 33.8
59 12.4 9.1 13.7

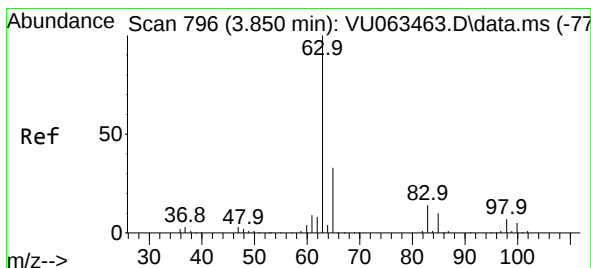
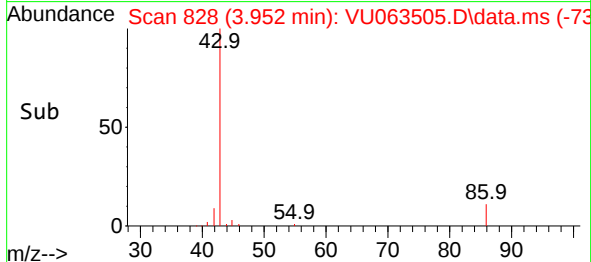
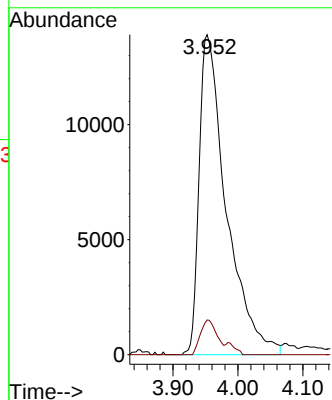
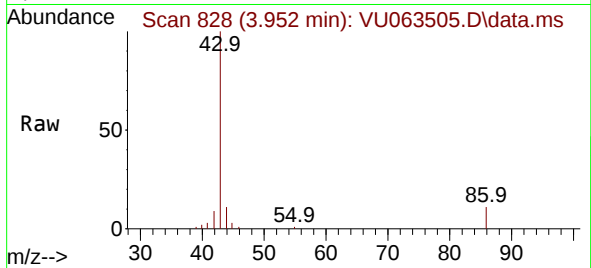




#23
 Vinyl Acetate
 Concen: 13.674 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

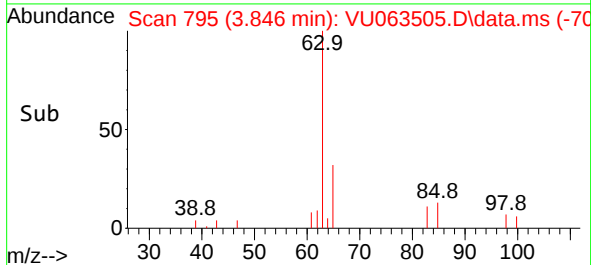
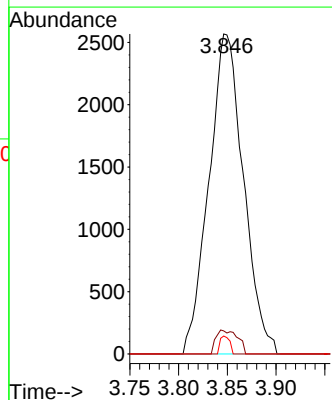
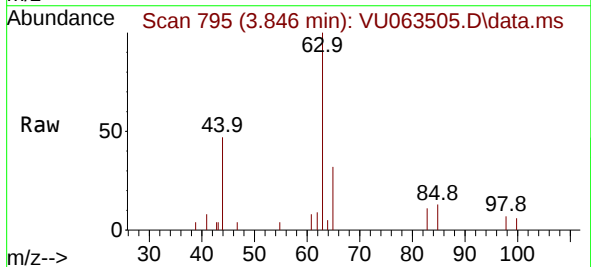
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

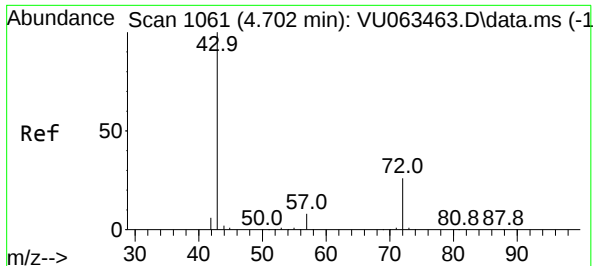
Tgt Ion: 43 Resp: 40433
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.930 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

Tgt Ion: 63 Resp: 6337
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.6 2.3 6.8





#25

2-Butanone

Concen: 13.624 ug/l

RT: 4.724 min Scan# 1068

Delta R.T. 0.022 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

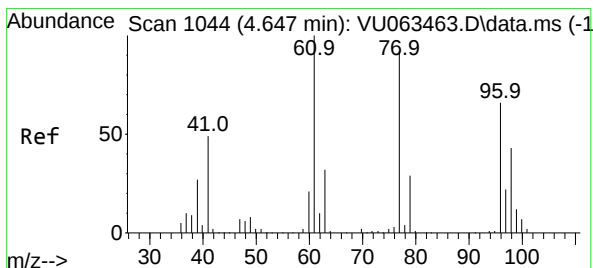
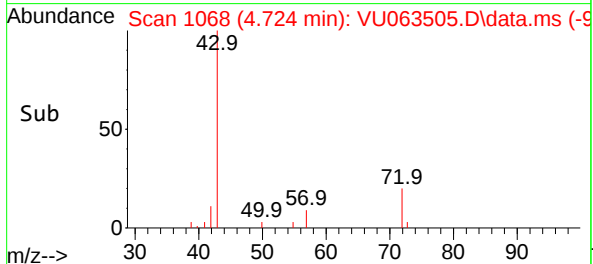
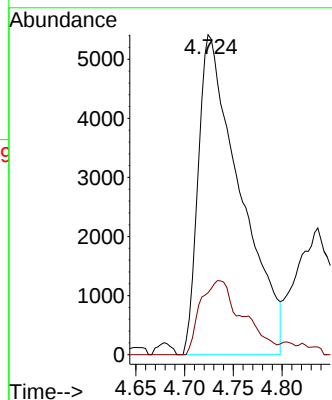
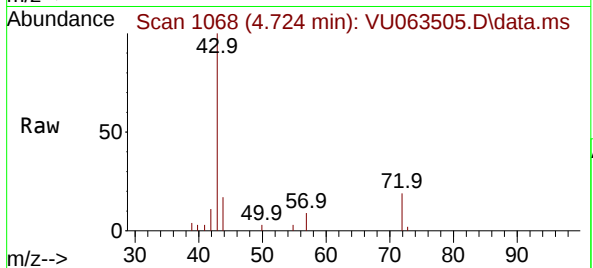
MDL06

Tgt Ion: 43 Resp: 16132

Ion Ratio Lower Upper

43 100

72 19.3 20.7 31.1#



#26

2,2-Dichloropropane

Concen: 2.939 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063505.D

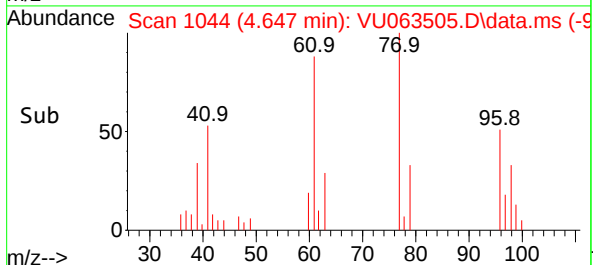
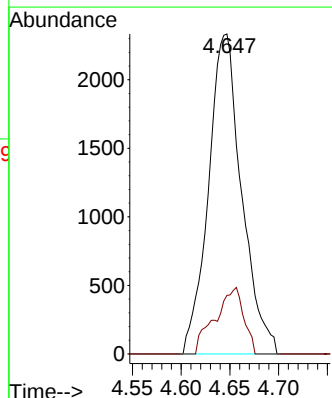
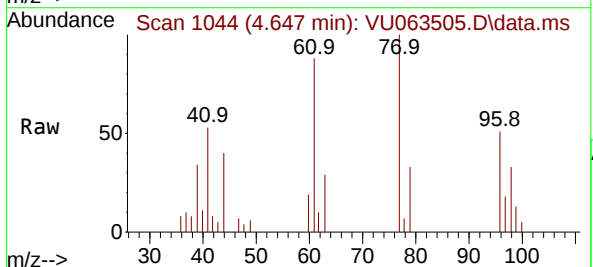
Acq: 14 Jul 2025 13:27

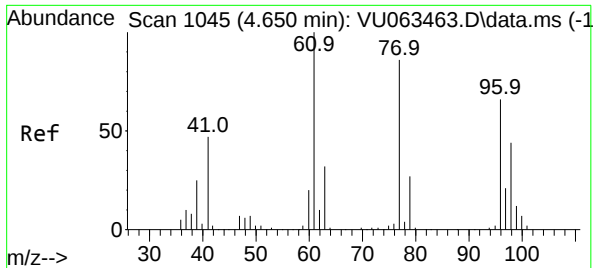
Tgt Ion: 77 Resp: 5530

Ion Ratio Lower Upper

77 100

97 17.9 11.8 35.3

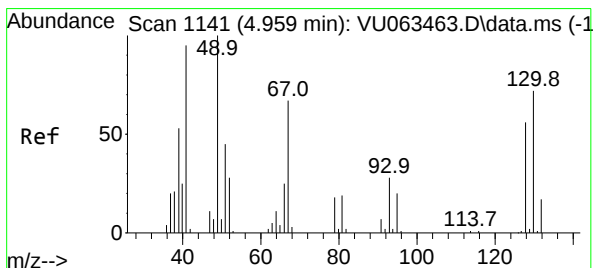
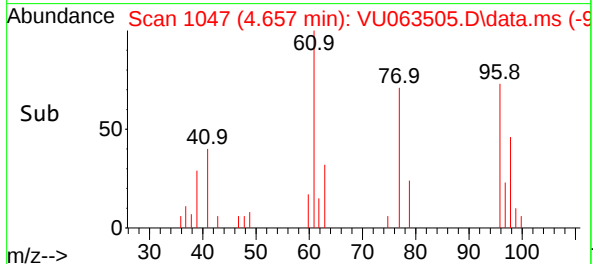
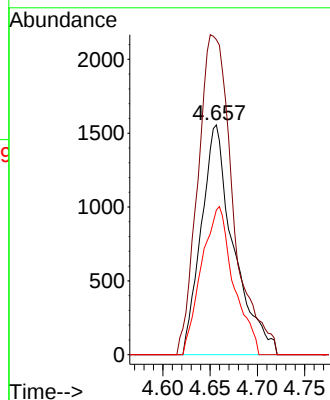
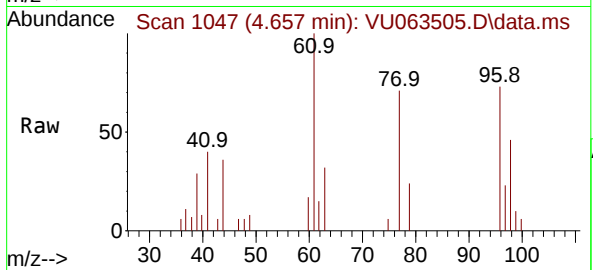




#27
 cis-1,2-Dichloroethene
 Concen: 2.773 ug/l
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.006 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

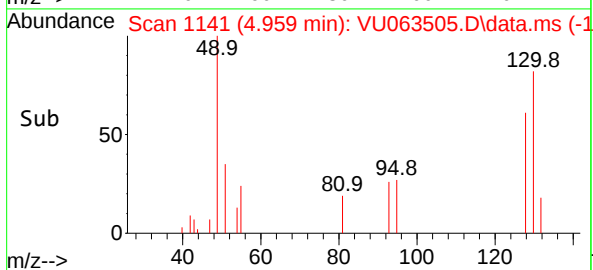
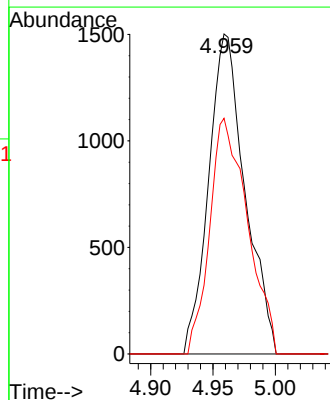
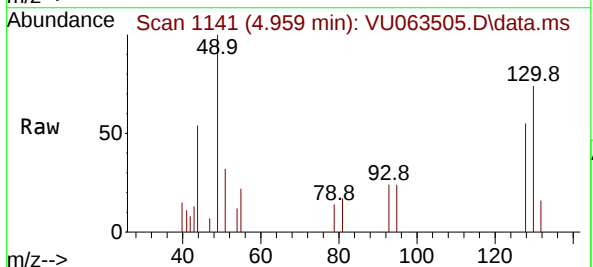
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

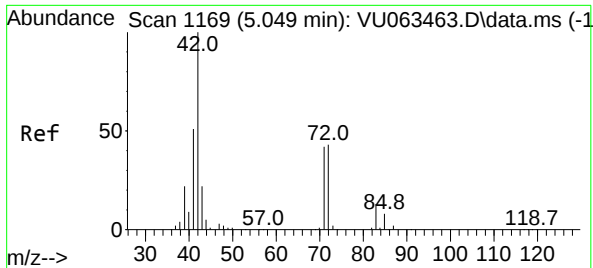
Tgt Ion: 96 Resp: 3697
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 307.2
 98 64.0 0.0 133.0



#28
 Bromochloromethane
 Concen: 3.002 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

Tgt Ion: 49 Resp: 3050
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 76.5 59.0 88.4

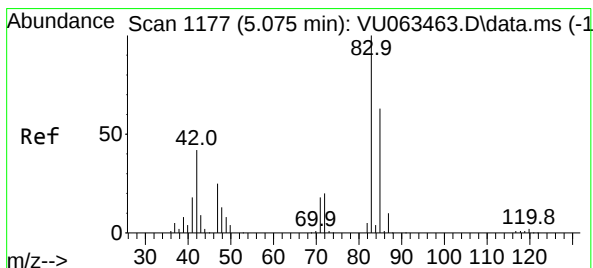
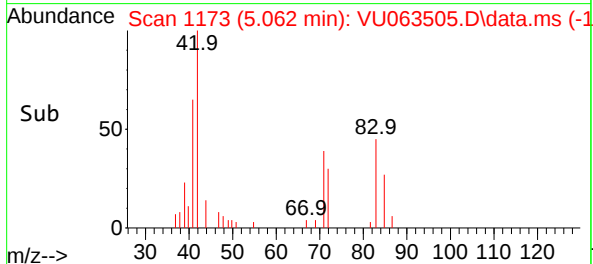
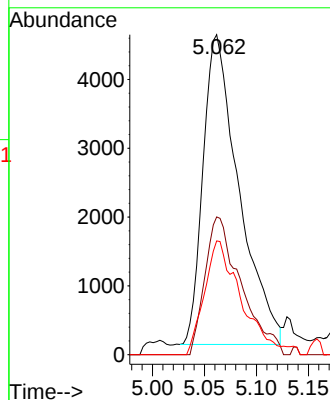
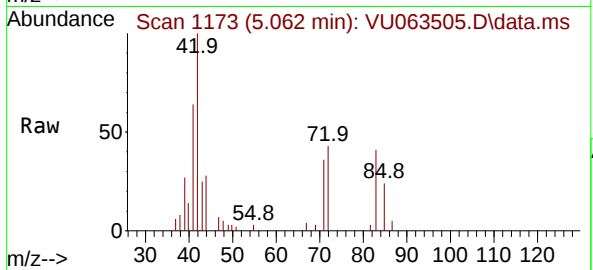




#29
Tetrahydrofuran
Concen: 14.419 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

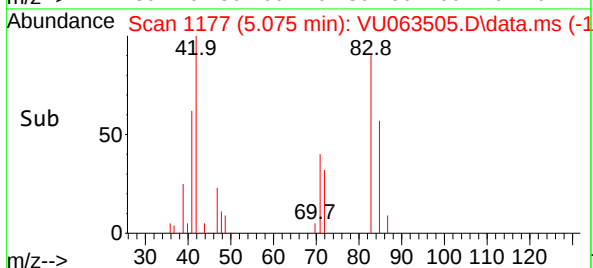
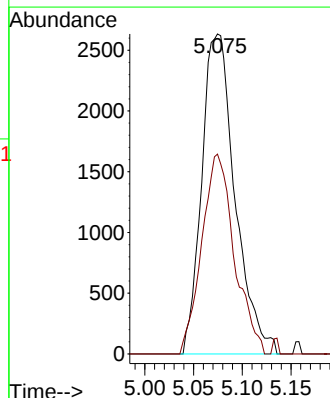
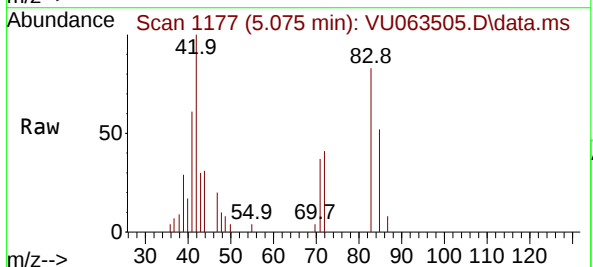
Instrument :
MSVOA_U
ClientSampleId :
MDL06

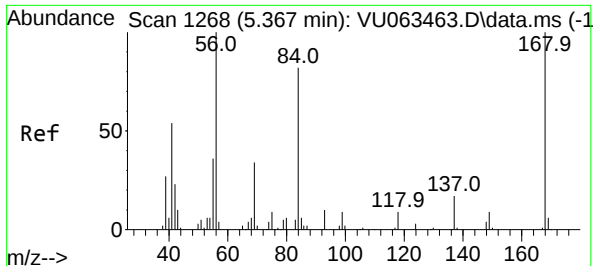
Tgt Ion:	42	Resp:	10770
Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.2	54.4
71	38.1	33.3	49.9



#30
Chloroform
Concen: 2.743 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:	83	Resp:	6264
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1

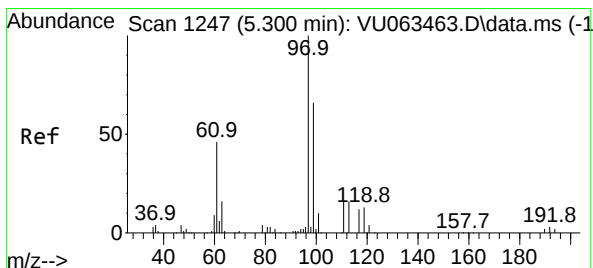
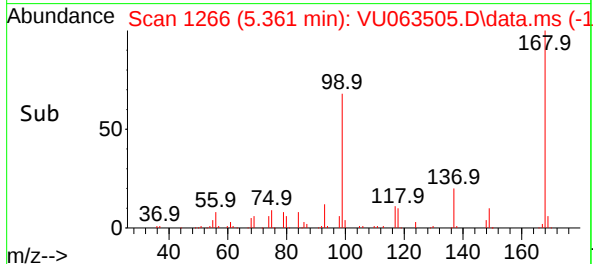
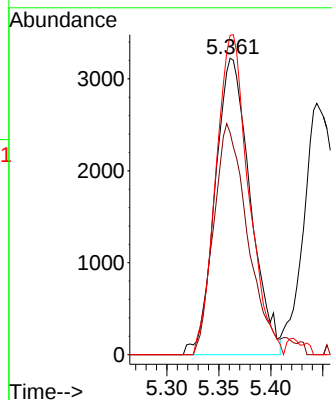
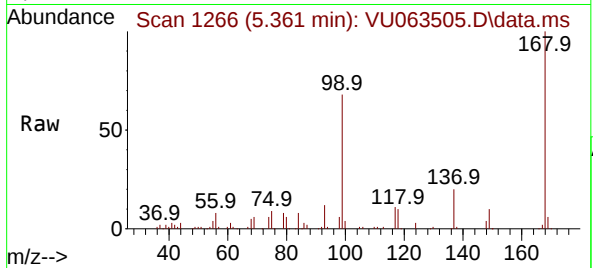




#31
Cyclohexane
Concen: 4.364 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. -0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

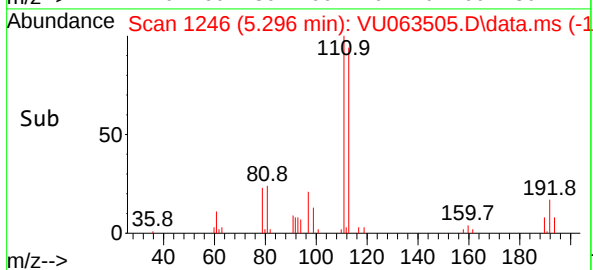
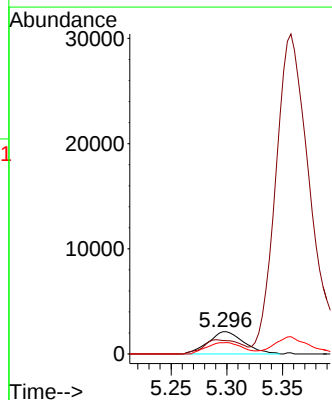
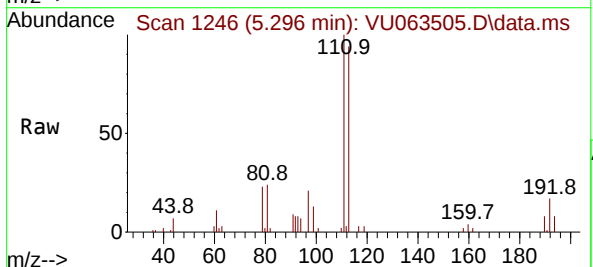
Instrument :
MSVOA_U
ClientSampleId :
MDL06

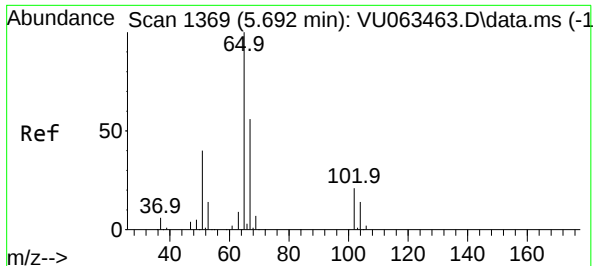
Tgt Ion: 56 Resp: 7587
Ion Ratio Lower Upper
56 100
69 74.9 27.0 40.4#
84 107.7 65.7 98.5#



#32
1,1,1-Trichloroethane
Concen: 2.430 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 97 Resp: 4724
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 50.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 54.055 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

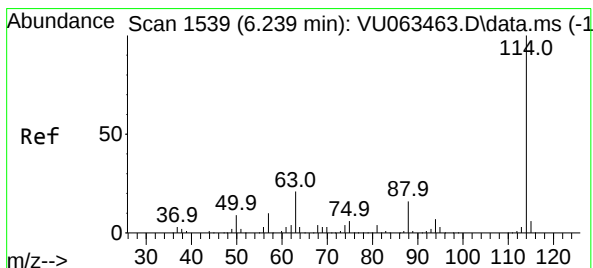
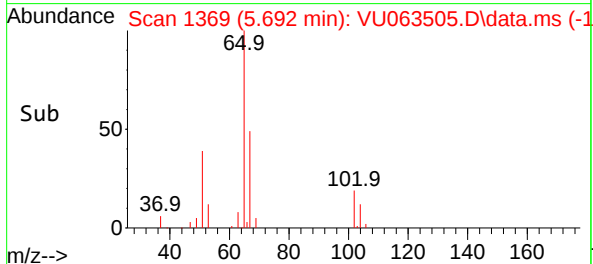
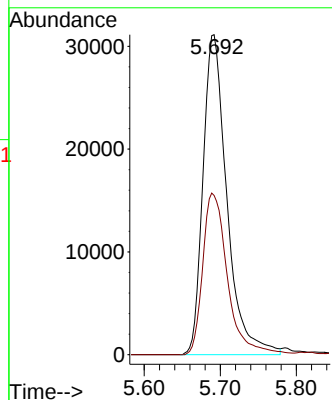
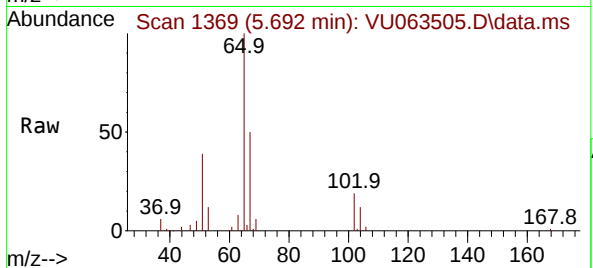
MDL06

Tgt Ion: 65 Resp: 67968

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

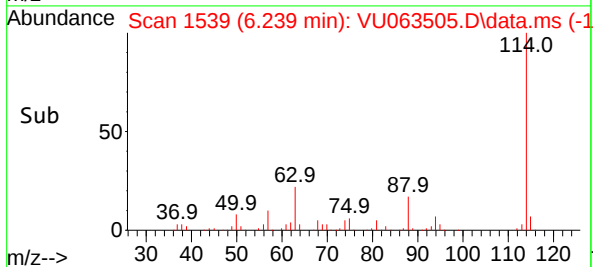
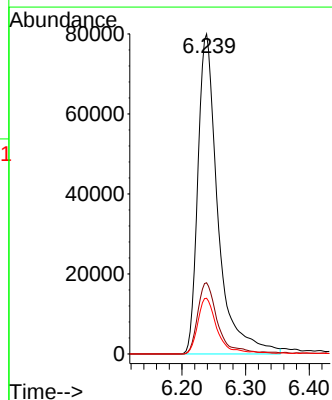
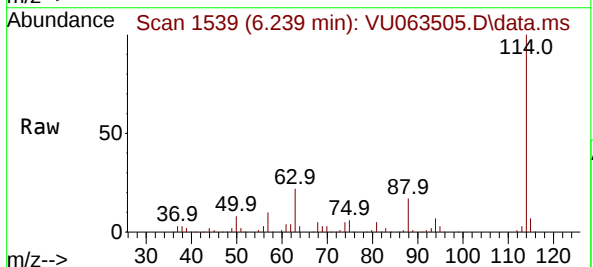
Tgt Ion: 114 Resp: 175512

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.6

88 17.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.171 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

MDL06

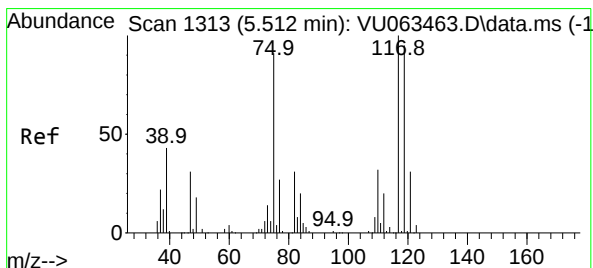
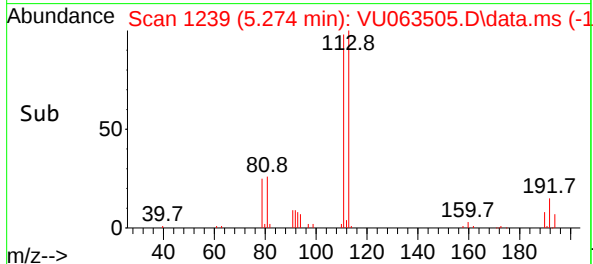
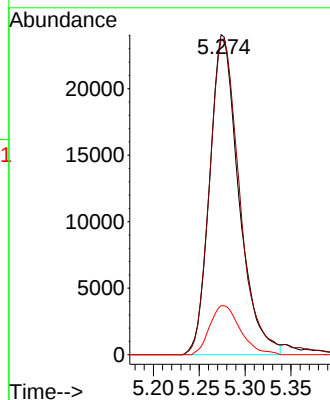
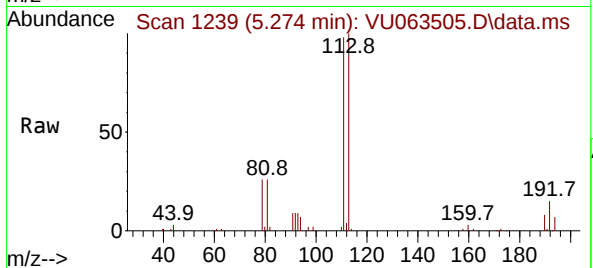
Tgt Ion:113 Resp: 53079

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

192 16.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 3.057 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

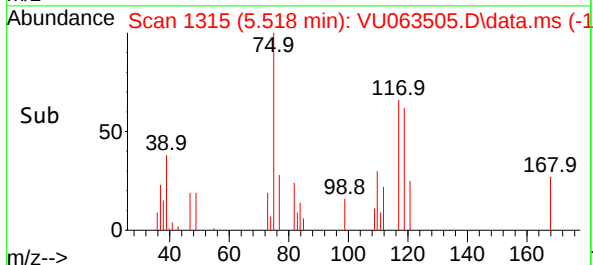
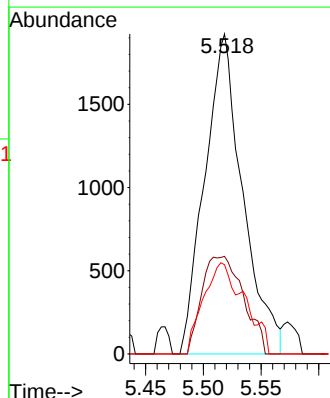
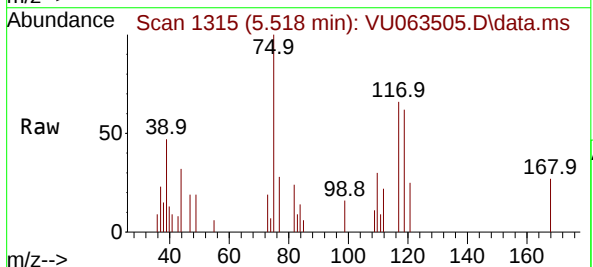
Tgt Ion: 75 Resp: 4395

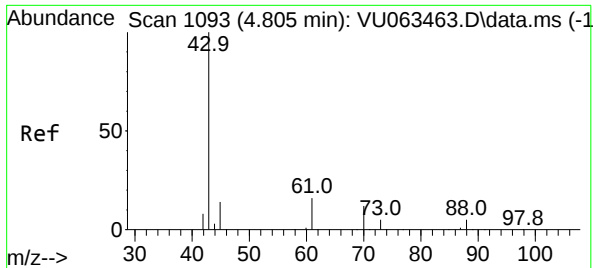
Ion Ratio Lower Upper

75 100

110 33.4 17.3 52.0

77 30.7 23.9 35.9





#37

Ethyl Acetate

Concen: 1.892 ug/l

RT: 4.837 min Scan# 1103

Delta R.T. 0.032 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

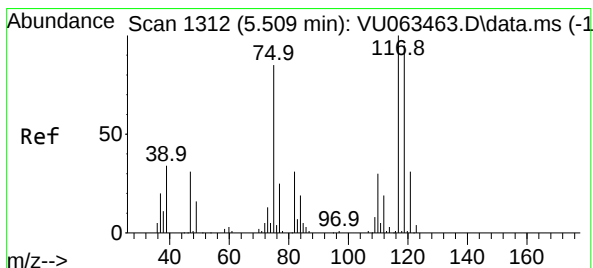
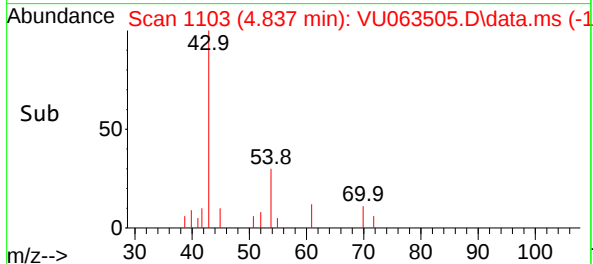
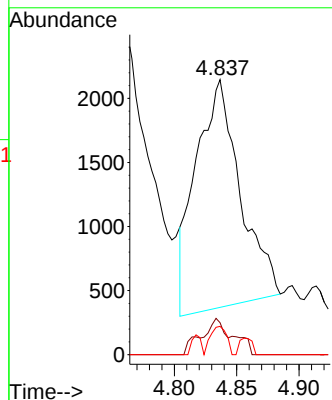
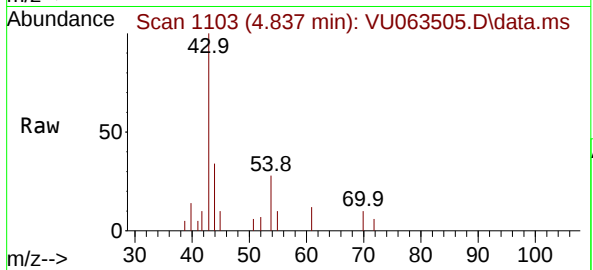
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 43	Resp: 4405
Ion Ratio	Lower Upper
43	100
61	11.2 10.4 15.6
70	4.6 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.532 ug/l

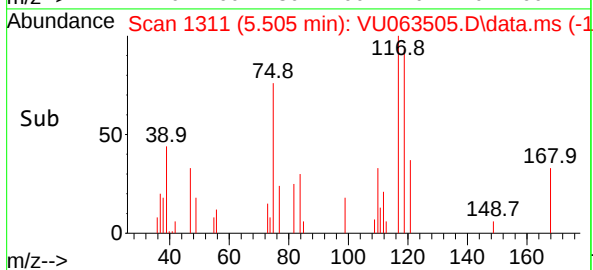
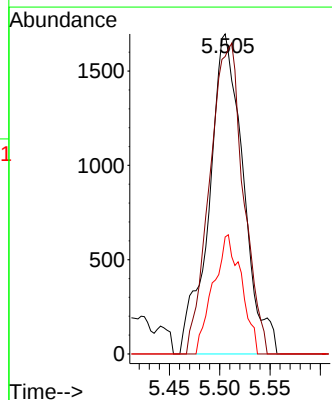
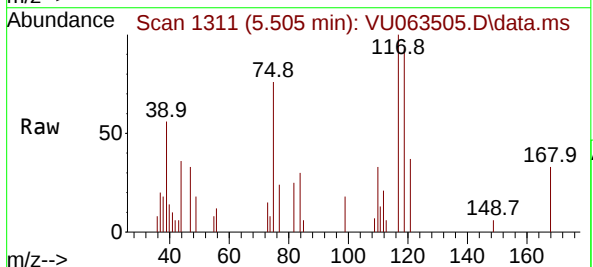
RT: 5.505 min Scan# 1311

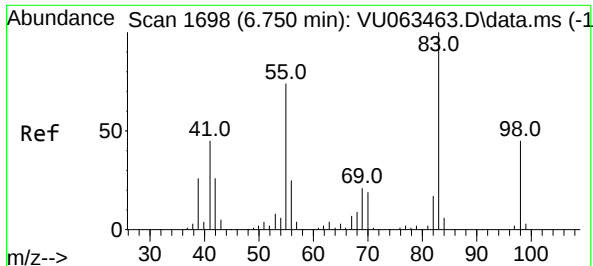
Delta R.T. -0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Tgt Ion: 117	Resp: 4010
Ion Ratio	Lower Upper
117	100
119	92.9 76.1 114.1
121	36.5 25.0 37.4





#39

Methylcyclohexane

Concen: 2.892 ug/l

RT: 6.747 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

MDL06

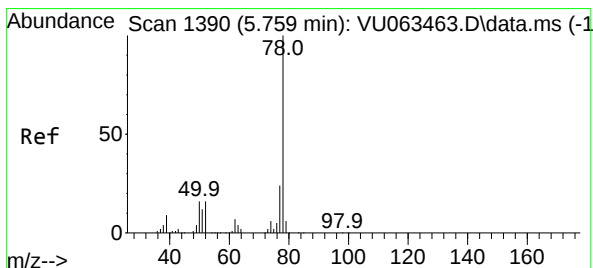
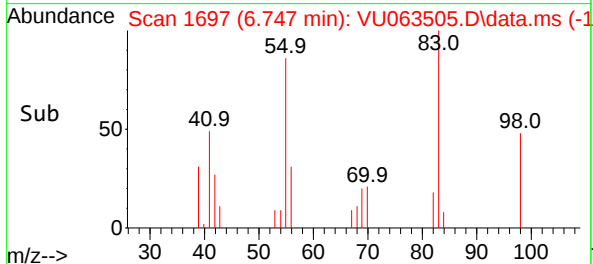
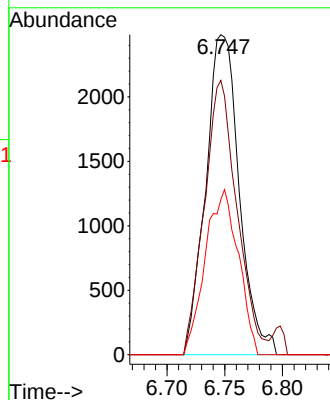
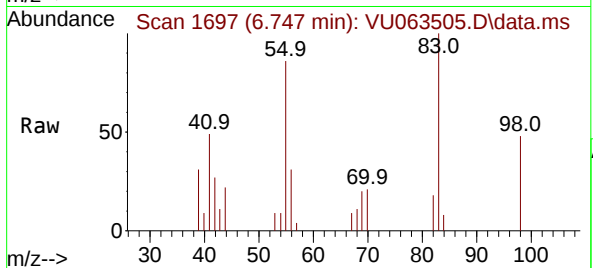
Tgt Ion: 83 Resp: 5024

Ion Ratio Lower Upper

83 100

55 85.7 59.4 89.2

98 48.4 36.2 54.4



#40

Benzene

Concen: 2.799 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063505.D

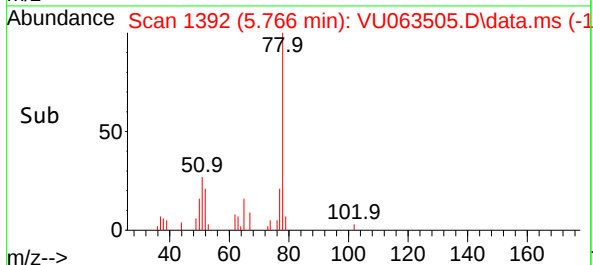
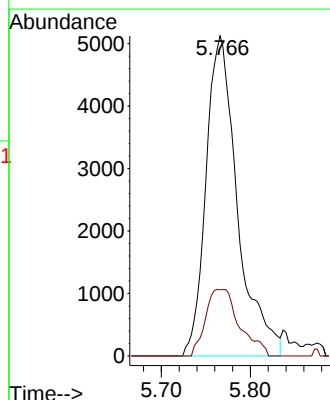
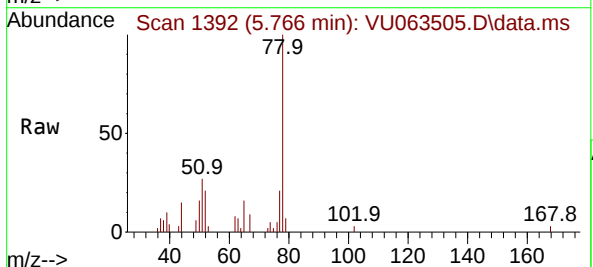
Acq: 14 Jul 2025 13:27

Tgt Ion: 78 Resp: 12565

Ion Ratio Lower Upper

78 100

77 20.7 19.0 28.4

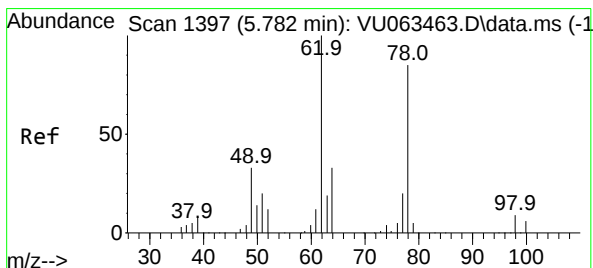
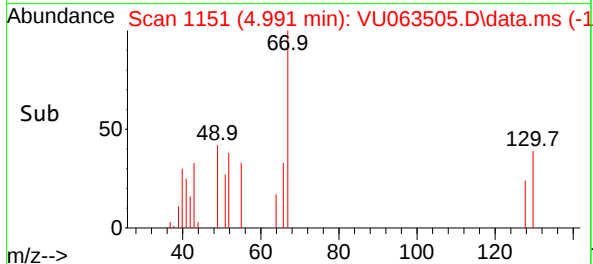
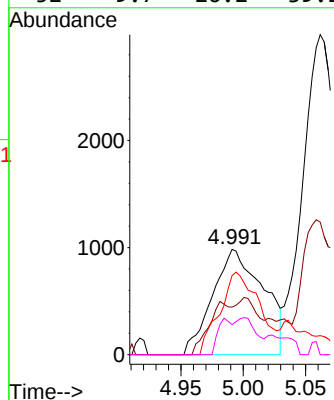
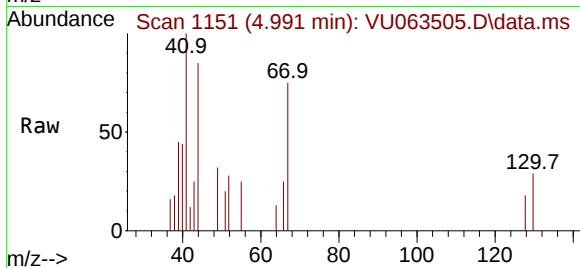




#41
Methacrylonitrile
Concen: 2.514 ug/l
RT: 4.991 min Scan# 1151
Delta R.T. 0.026 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

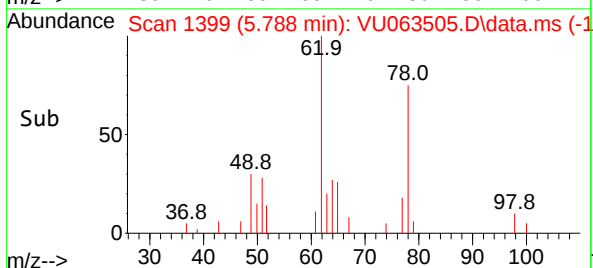
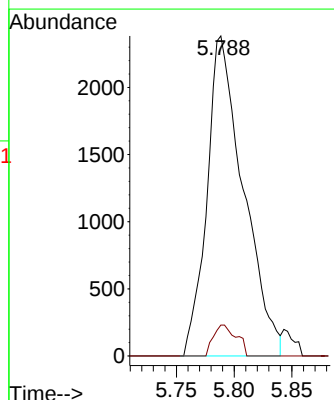
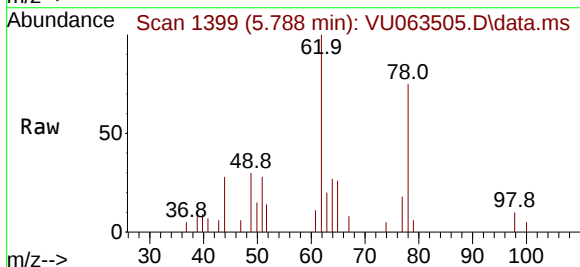
Instrument :
MSVOA_U
ClientSampleId :
MDL06

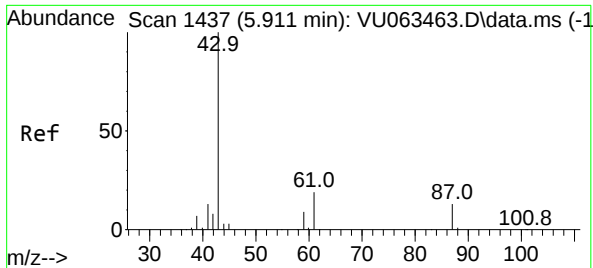
Tgt Ion:	41	Resp:	2762
Ion	Ratio	Lower	Upper
41	100		
39	22.9	43.6	65.4#
67	61.2	62.8	94.2#
52	9.7	26.2	39.2#



#42
1,2-Dichloroethane
Concen: 3.102 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:	62	Resp:	5236
Ion	Ratio	Lower	Upper
62	100		
98	6.1	0.0	17.6

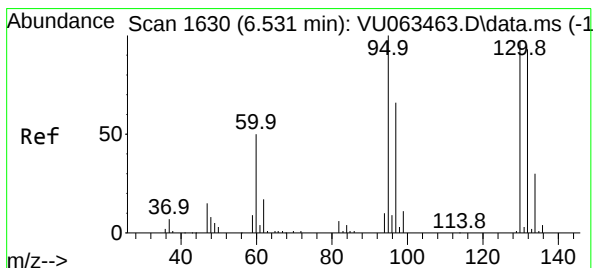
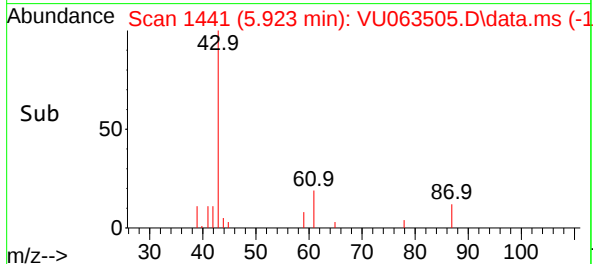
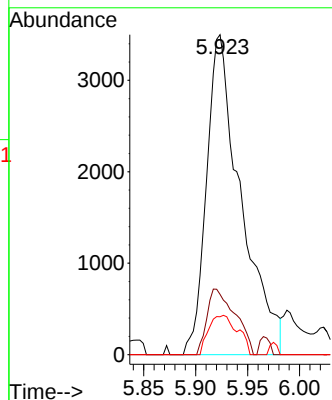
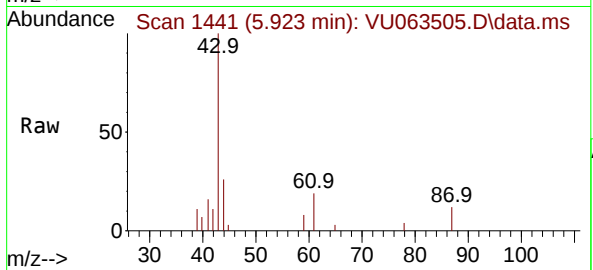




#43
Isopropyl Acetate
Concen: 2.599 ug/l
RT: 5.923 min Scan# 1437
Delta R.T. 0.013 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

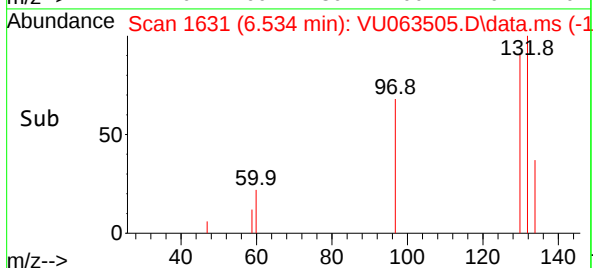
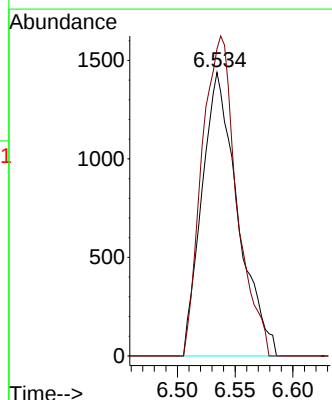
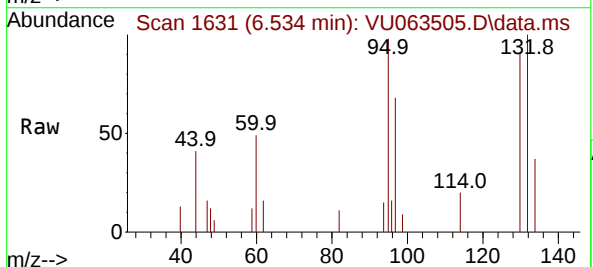
Instrument : MSVOA_U
ClientSampleId : MDL06

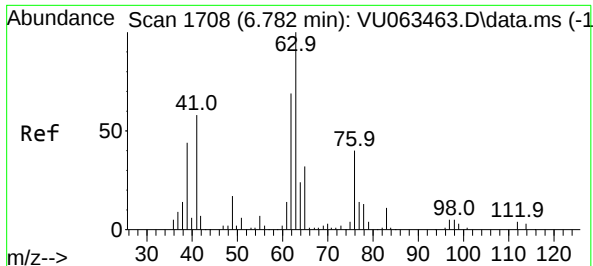
Tgt Ion: 43 Resp: 8038
Ion Ratio Lower Upper
43 100
61 16.9 15.4 23.2
87 10.3 10.5 15.7#



#44
Trichloroethene
Concen: 2.589 ug/l
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:130 Resp: 3111
Ion Ratio Lower Upper
130 100
95 108.3 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.599 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

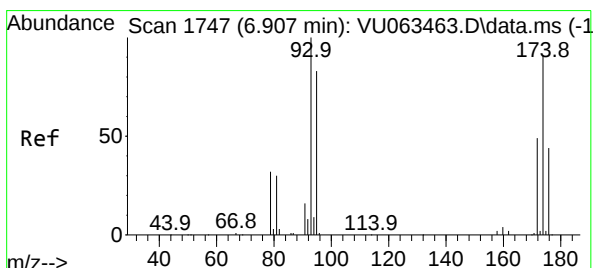
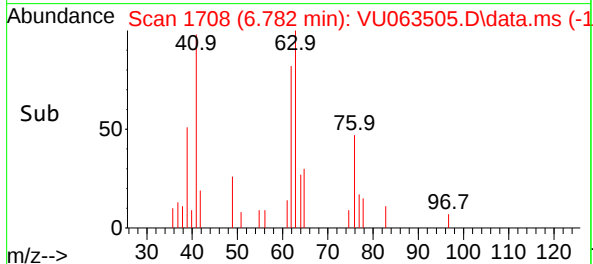
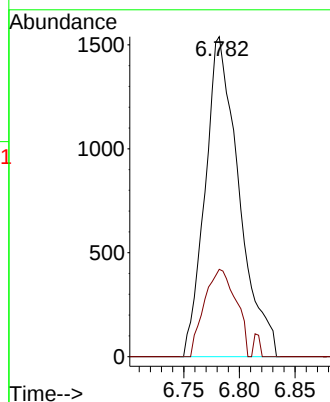
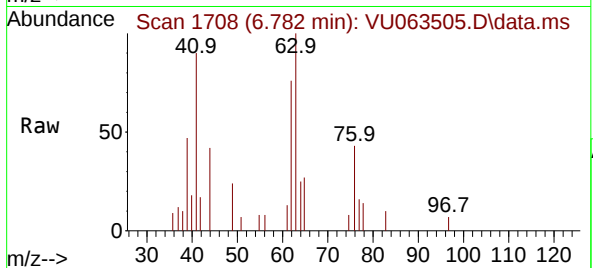
MDL06

Tgt Ion: 63 Resp: 3244

Ion Ratio Lower Upper

63 100

65 27.3 25.3 37.9



#46

Dibromomethane

Concen: 2.859 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

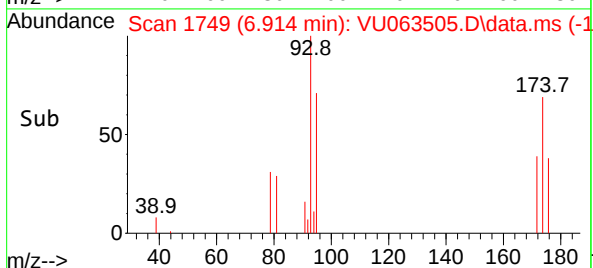
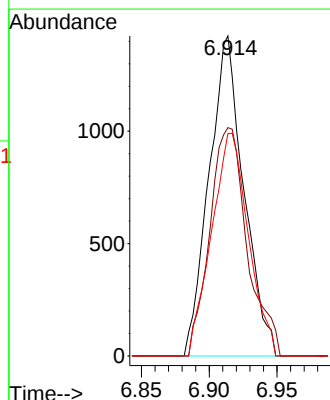
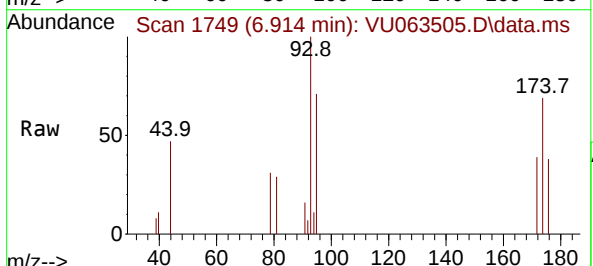
Tgt Ion: 93 Resp: 2539

Ion Ratio Lower Upper

93 100

95 76.7 67.5 101.3

174 73.8 73.1 109.7

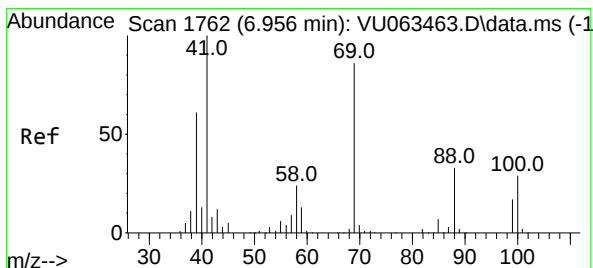
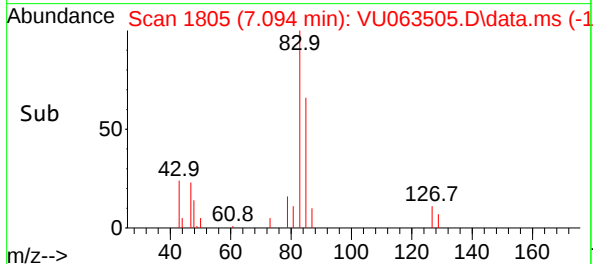
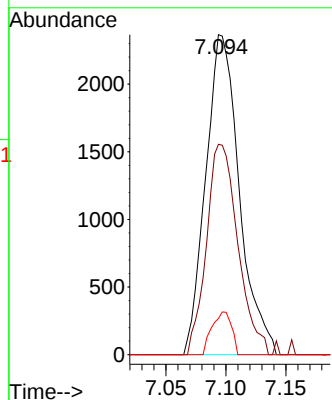
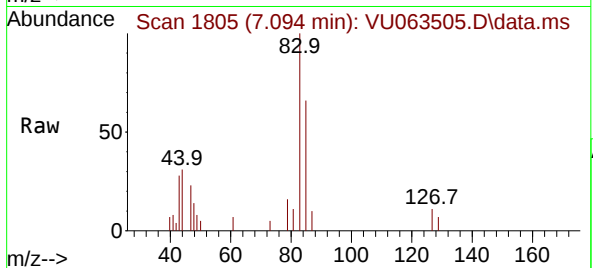




#47
Bromodichloromethane
Concen: 2.497 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

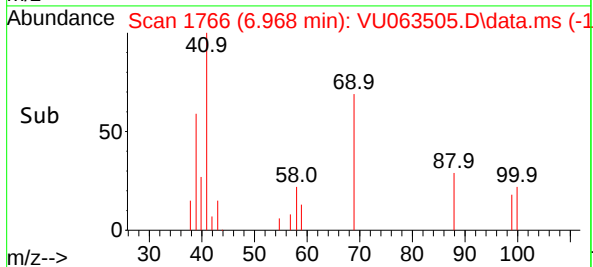
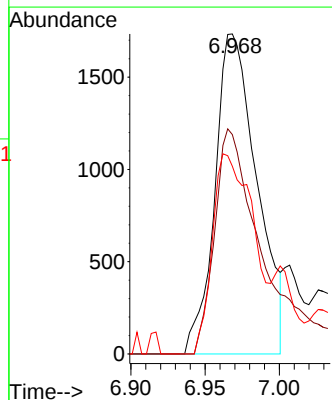
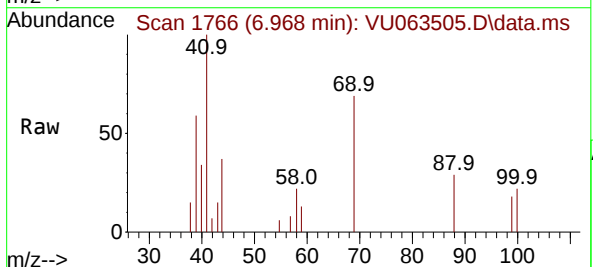
Instrument :
MSVOA_U
ClientSampleId :
MDL06

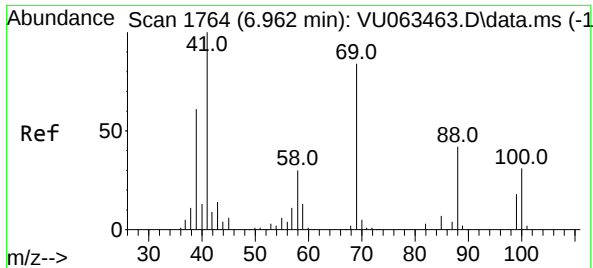
Tgt Ion: 83 Resp: 4610
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.0
127 11.3 7.0 10.4#



#48
Methyl methacrylate
Concen: 2.391 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 41 Resp: 3418
Ion Ratio Lower Upper
41 100
69 82.9 69.8 104.8
39 61.9 48.3 72.5

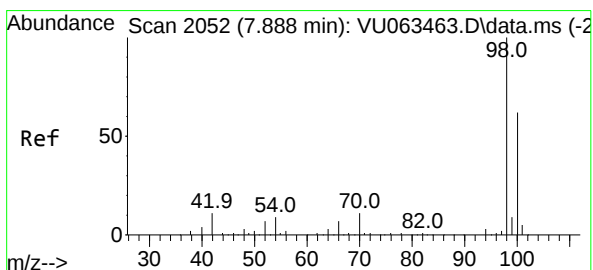
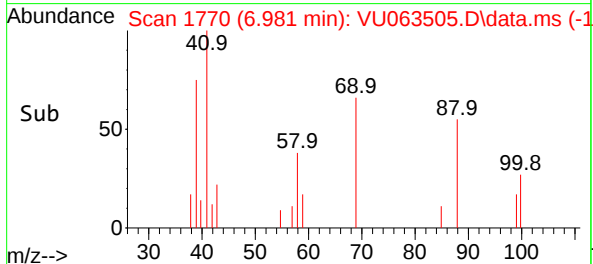
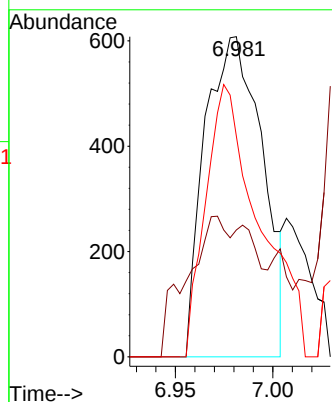
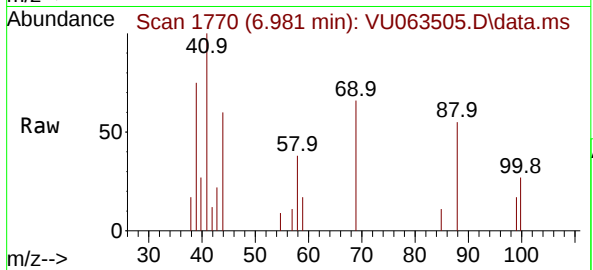




#49
1,4-Dioxane
Concen: 39.760 ug/l
RT: 6.981 min Scan# 1770
Delta R.T. 0.019 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

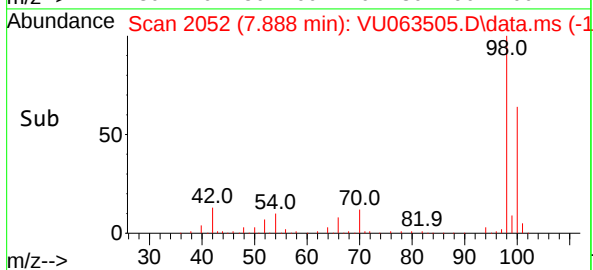
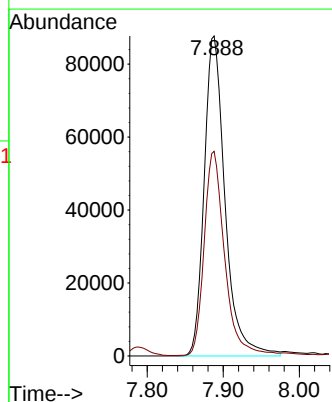
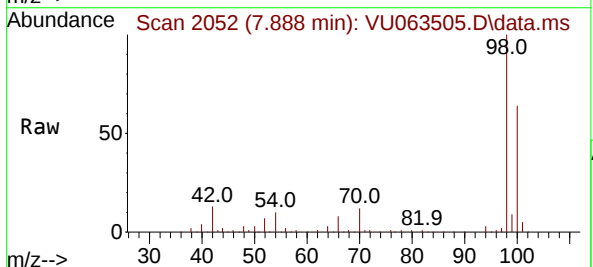
Instrument :
MSVOA_U
ClientSampleId :
MDL06

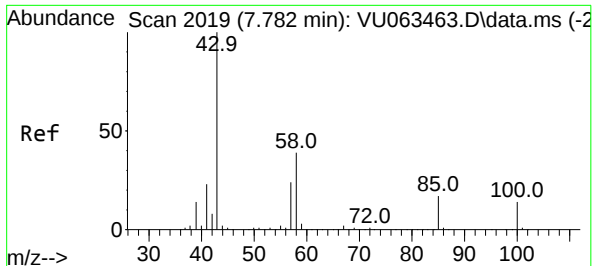
Tgt Ion: 88 Resp: 1247
Ion Ratio Lower Upper
88 100
43 32.4 25.6 38.4
58 79.1 55.0 82.6



#50
Toluene-d8
Concen: 48.528 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 98 Resp: 167352
Ion Ratio Lower Upper
98 100
100 62.4 48.1 72.1

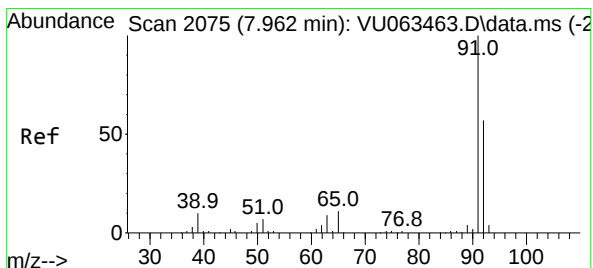
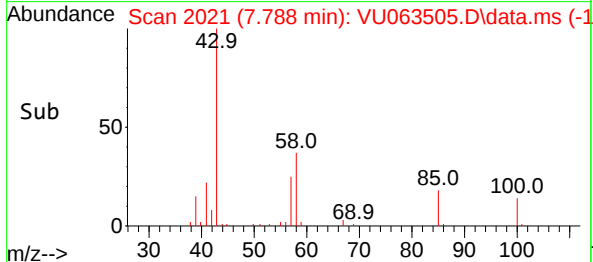
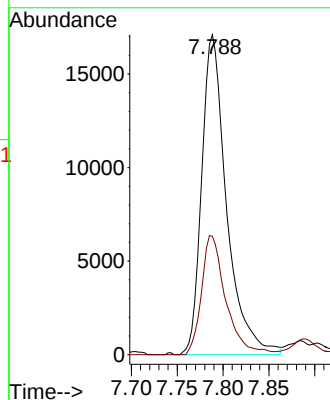
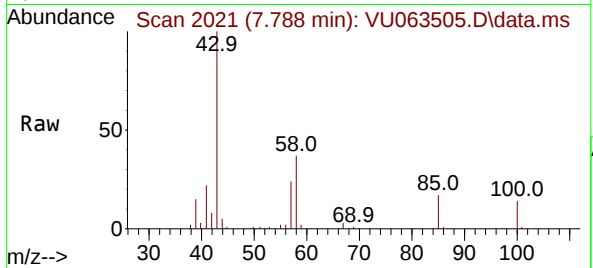




#51
4-Methyl-2-Pentanone
Concen: 14.433 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

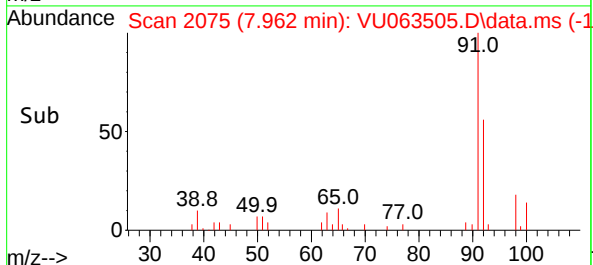
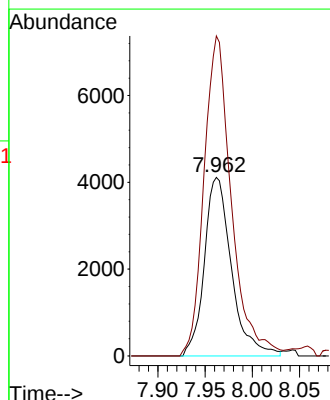
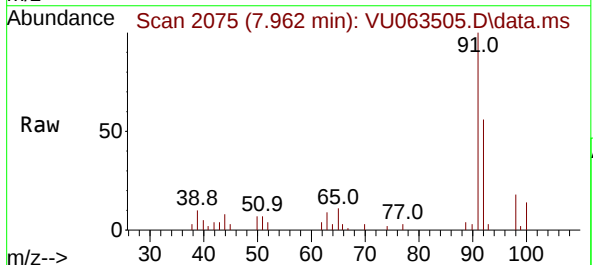
Instrument :
MSVOA_U
ClientSampleId :
MDL06

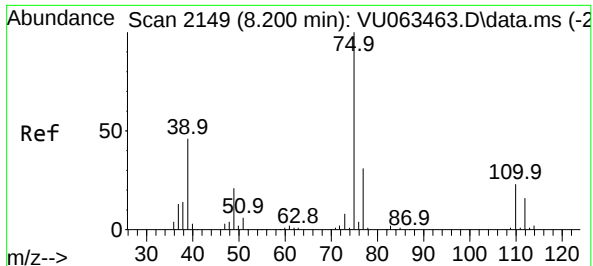
Tgt Ion: 43 Resp: 32304
Ion Ratio Lower Upper
43 100
58 36.3 31.0 46.4



#52
Toluene
Concen: 2.800 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 92 Resp: 8222
Ion Ratio Lower Upper
92 100
91 180.4 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.078 ug/l

RT: 8.206 min Scan# 2149

Delta R.T. 0.006 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

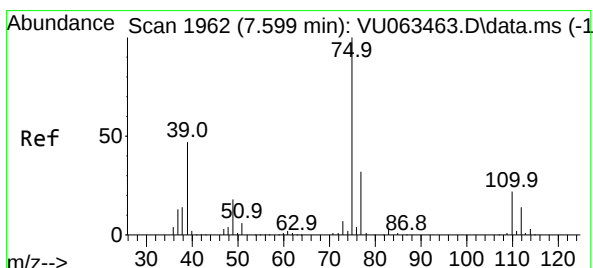
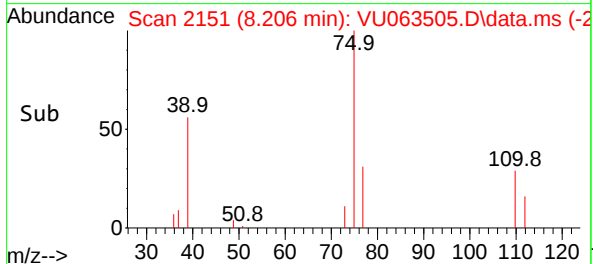
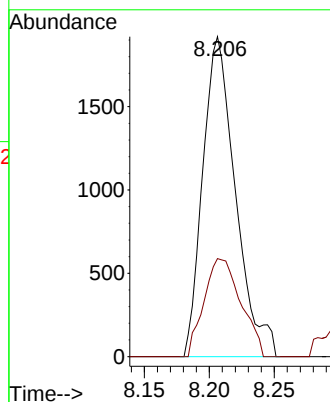
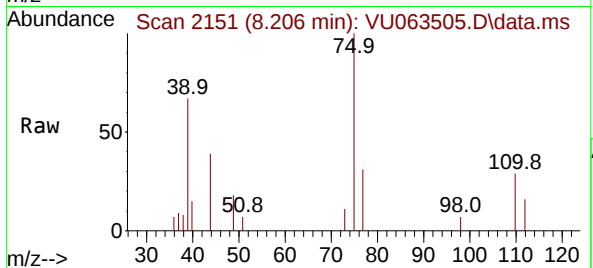
MDL06

Tgt Ion: 75 Resp: 3357

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.199 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

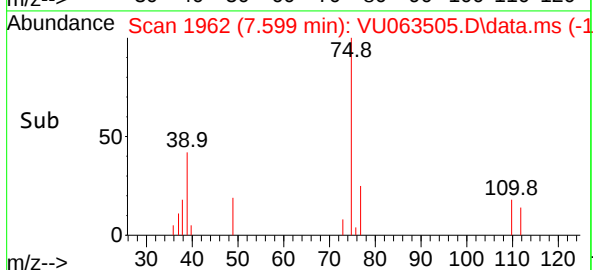
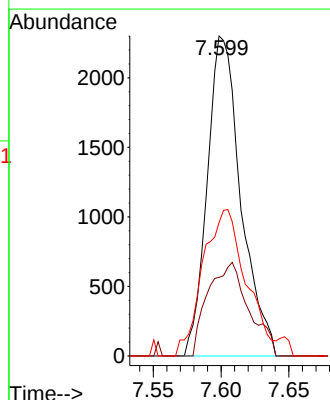
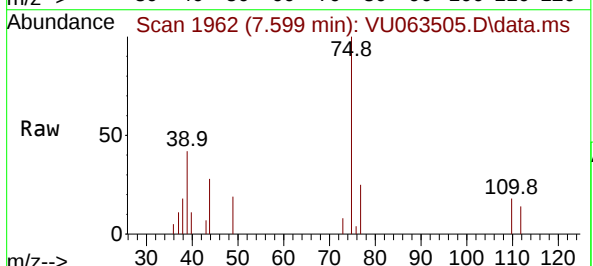
Tgt Ion: 75 Resp: 3978

Ion Ratio Lower Upper

75 100

77 24.6 25.4 38.0#

39 36.7 37.2 55.8#



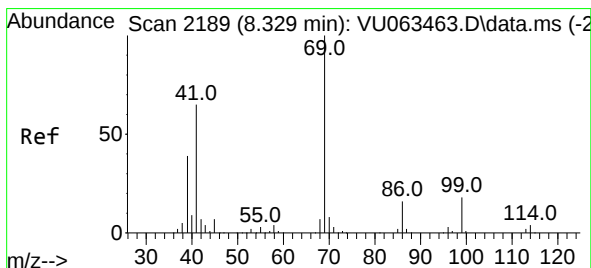
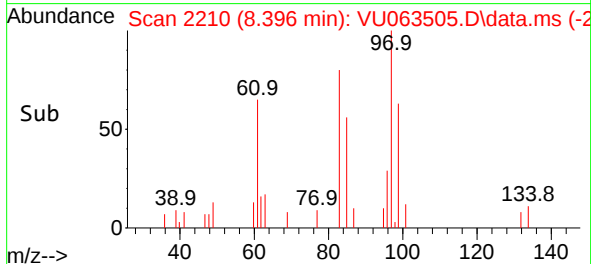
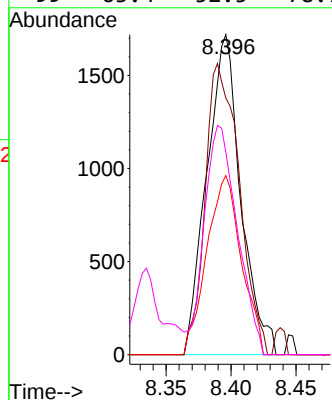
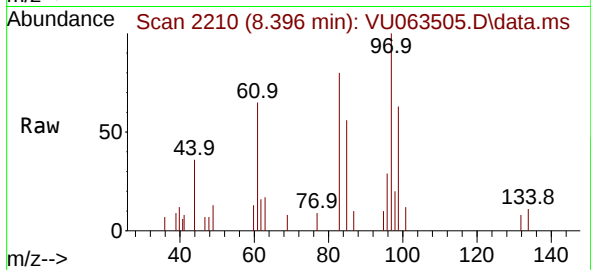


#55
1,1,2-Trichloroethane
Concen: 2.509 ug/l
RT: 8.396 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 3129

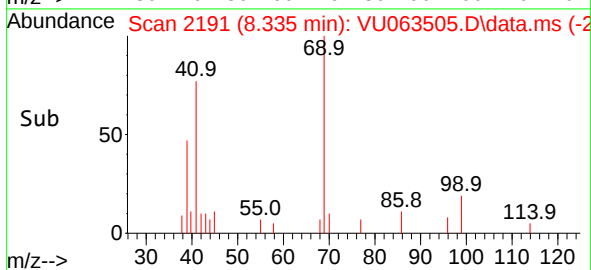
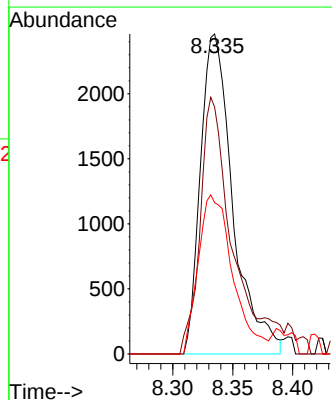
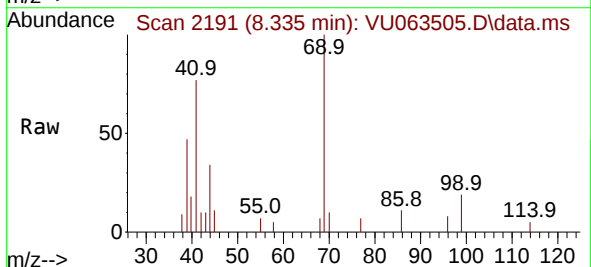
Ion	Ratio	Lower	Upper
97	100		
83	80.2	74.2	111.4
85	56.0	45.8	68.8
99	63.4	52.5	78.7

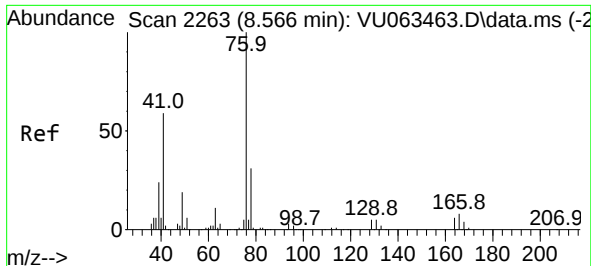


#56
Ethyl methacrylate
Concen: 2.302 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 69 Resp: 4631

Ion	Ratio	Lower	Upper
69	100		
41	80.5	53.0	79.6#
39	53.2	31.0	46.4#

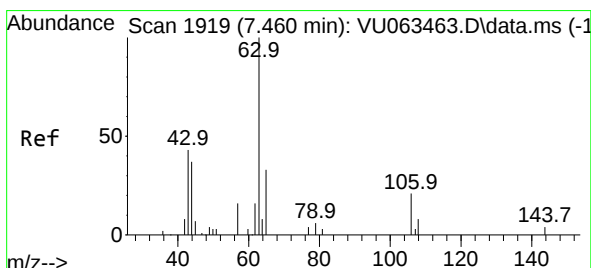
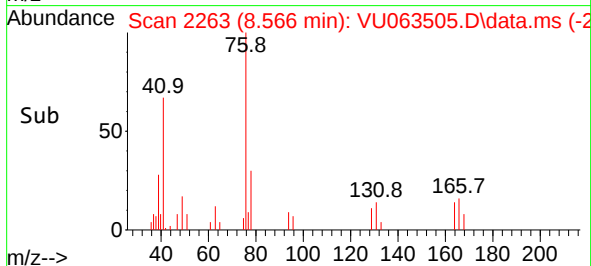
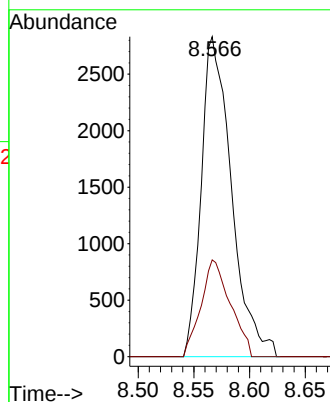
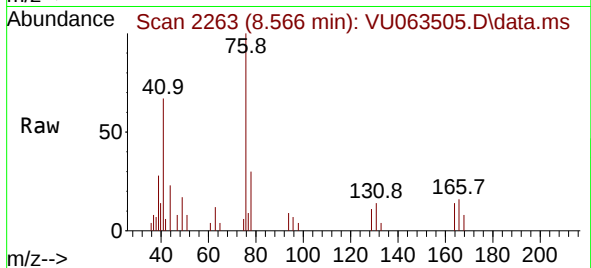




#57
1,3-Dichloropropane
Concen: 2.601 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

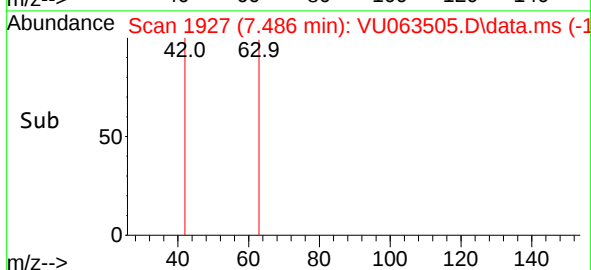
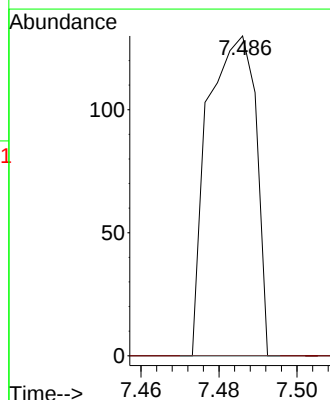
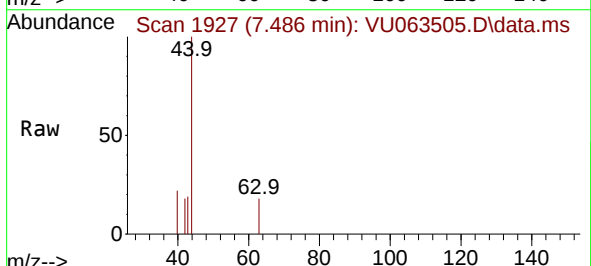
Instrument :
MSVOA_U
ClientSampleId :
MDL06

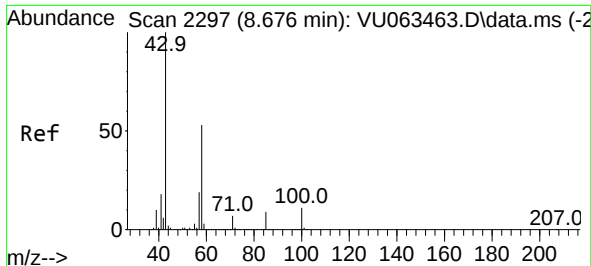
Tgt Ion: 76 Resp: 5346
Ion Ratio Lower Upper
76 100
78 29.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 5.314 ug/l
RT: 7.486 min Scan# 1927
Delta R.T. 0.026 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 63 Resp: 111
Ion Ratio Lower Upper
63 100
106 0.0 11.5 17.3#

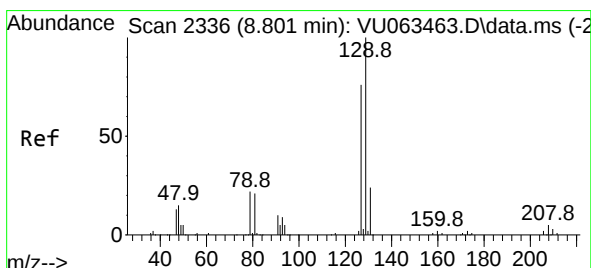
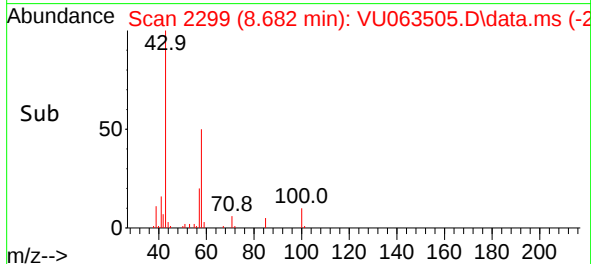
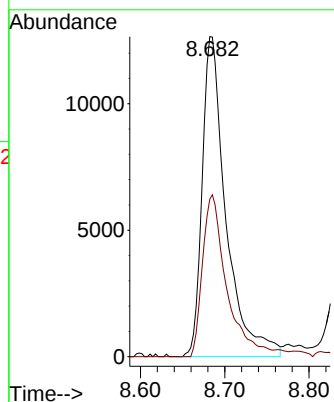
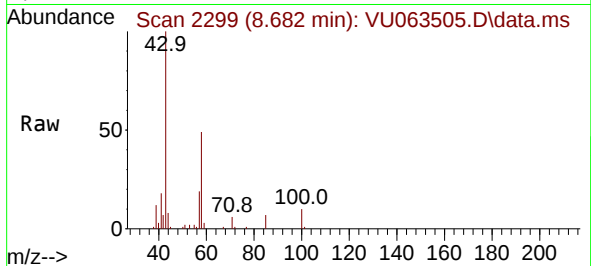




#59
2-Hexanone
Concen: 14.687 ug/l
RT: 8.682 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

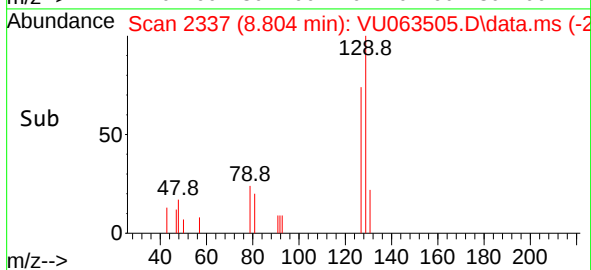
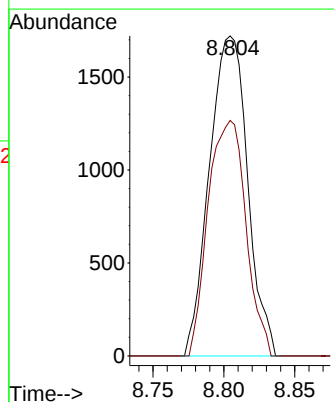
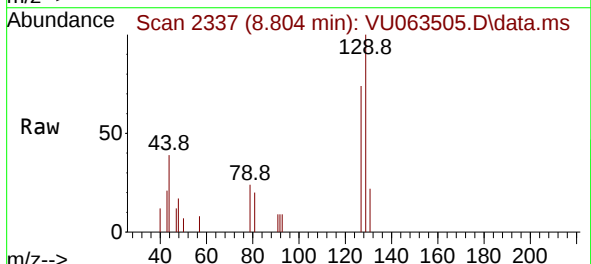
Instrument :
MSVOA_U
ClientSampleId :
MDL06

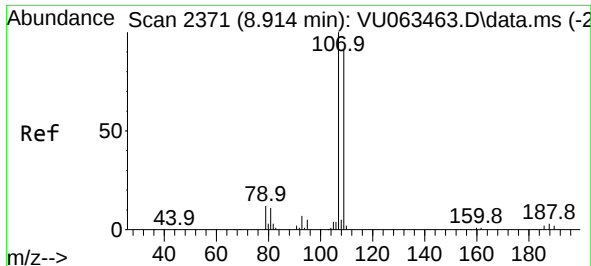
Tgt Ion: 43 Resp: 24863
Ion Ratio Lower Upper
43 100
58 51.3 26.9 80.7



#60
Dibromochloromethane
Concen: 2.316 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 129 Resp: 3236
Ion Ratio Lower Upper
129 100
127 72.6 39.1 117.2

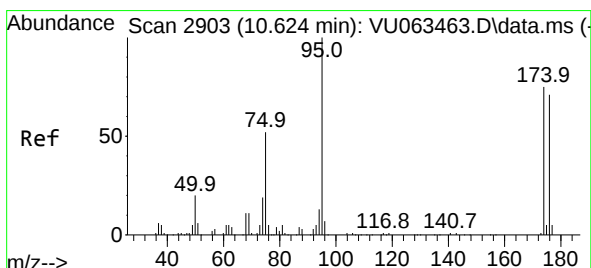
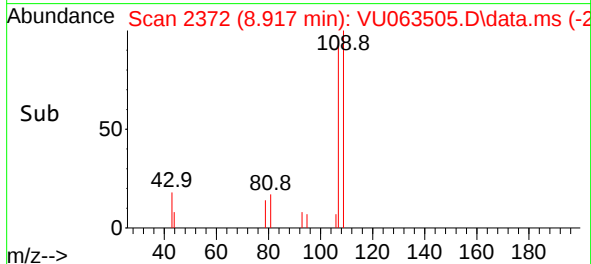
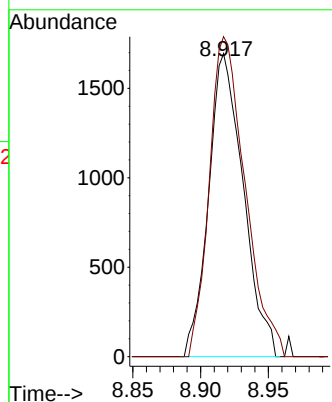
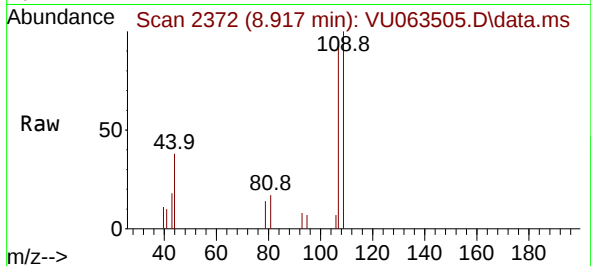




#61
1,2-Dibromoethane
Concen: 2.463 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

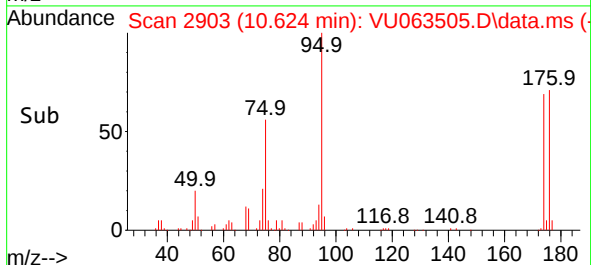
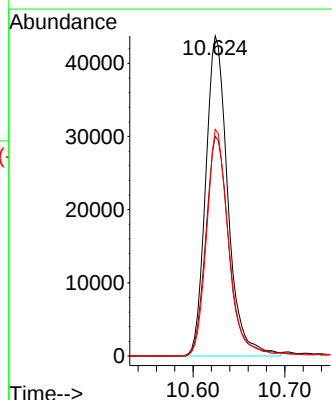
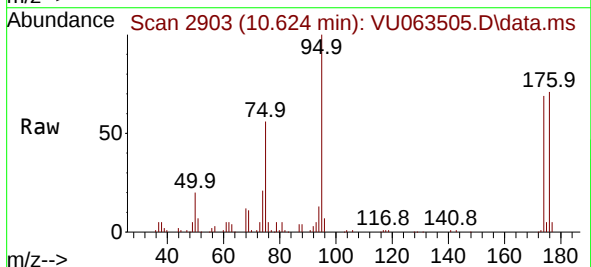
Instrument :
MSVOA_U
ClientSampleId :
MDL06

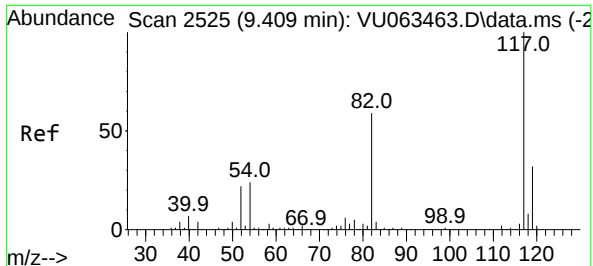
Tgt Ion:107 Resp: 3015
Ion Ratio Lower Upper
107 100
109 109.2 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 95 Resp: 73388
Ion Ratio Lower Upper
95 100
174 71.6 0.0 153.6
176 70.0 0.0 145.8

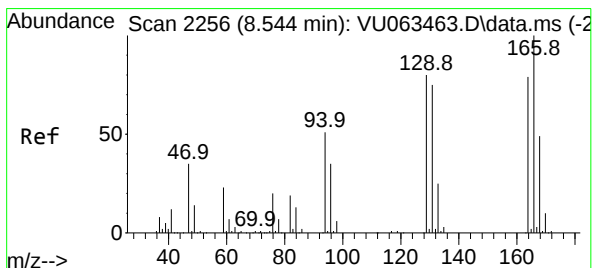
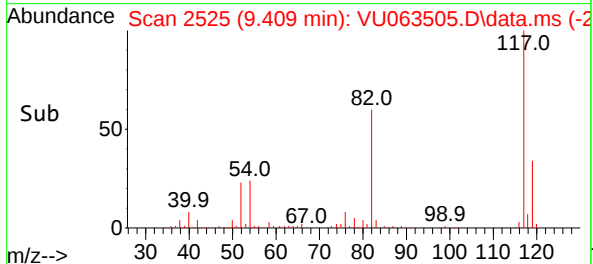
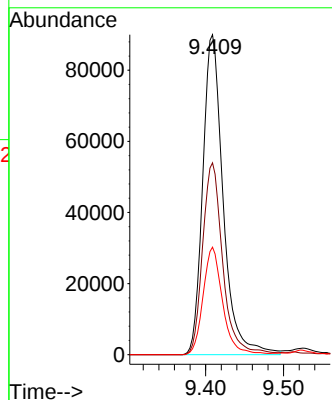
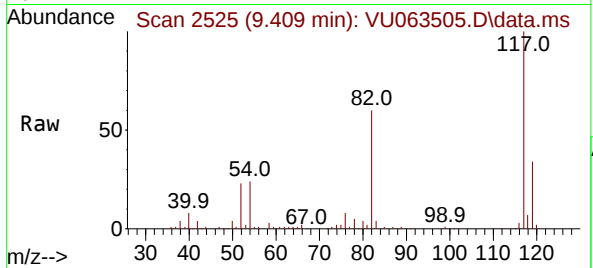




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

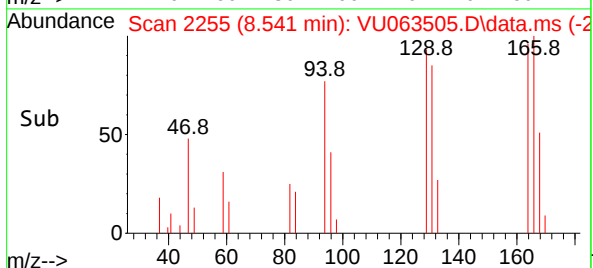
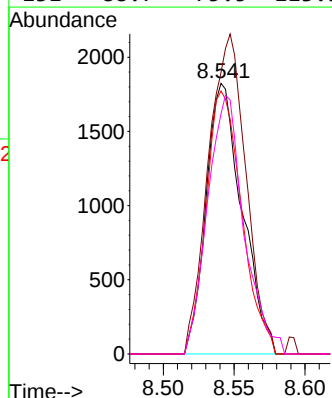
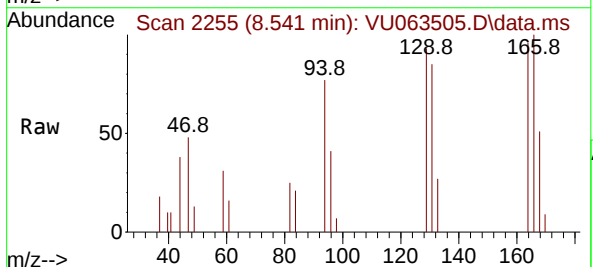
Instrument :
MSVOA_U
ClientSampleId :
MDL06

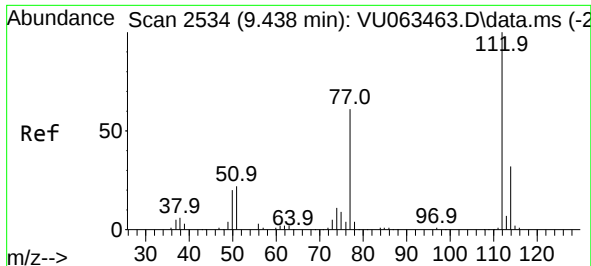
Tgt Ion:117 Resp: 163906
Ion Ratio Lower Upper
117 100
82 60.0 47.1 70.7
119 33.6 25.4 38.0



#64
Tetrachloroethene
Concen: 2.646 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:164 Resp: 3229
Ion Ratio Lower Upper
164 100
166 104.0 100.9 151.3
129 97.1 80.9 121.3
131 88.7 75.5 113.3

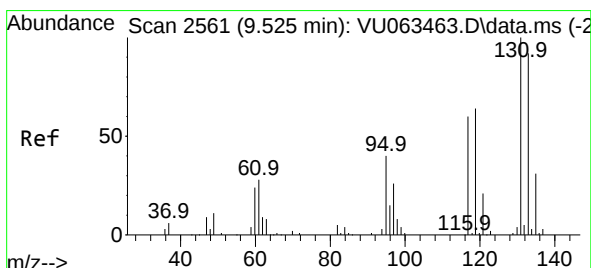
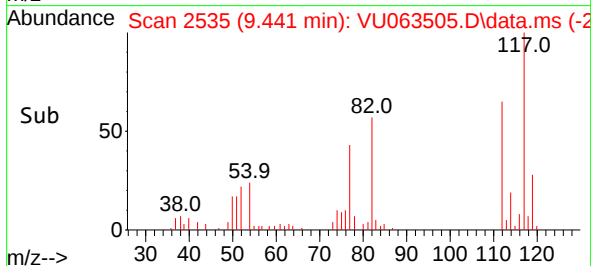
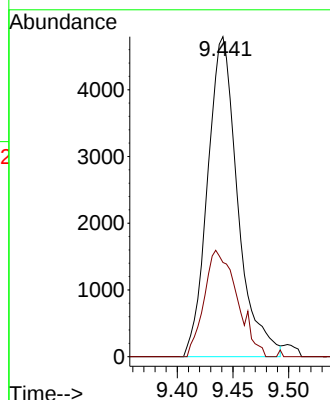
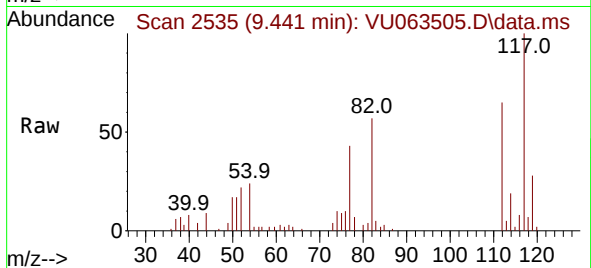




#65
Chlorobenzene
Concen: 2.645 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

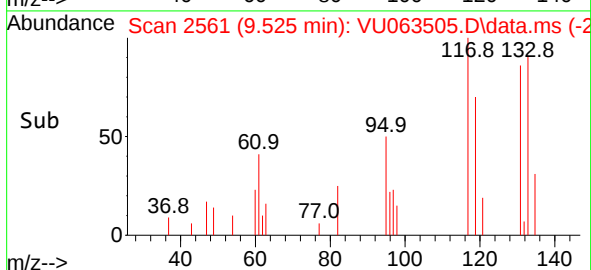
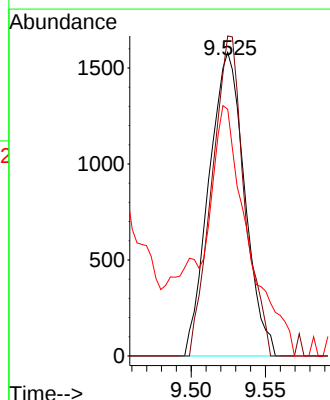
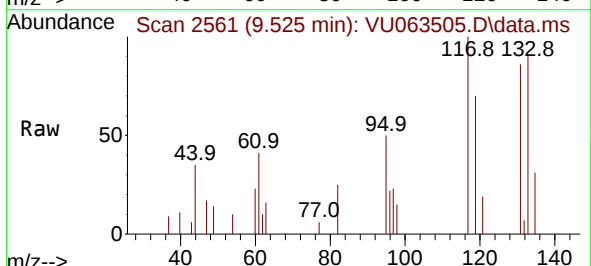
Instrument :
MSVOA_U
ClientSampleId :
MDL06

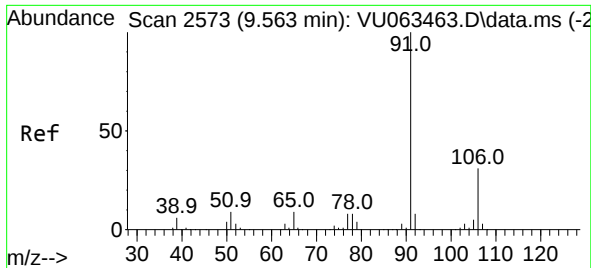
Tgt Ion:112 Resp: 9018
Ion Ratio Lower Upper
112 100
114 29.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.263 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:131 Resp: 2646
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.2
119 86.3 33.3 99.9

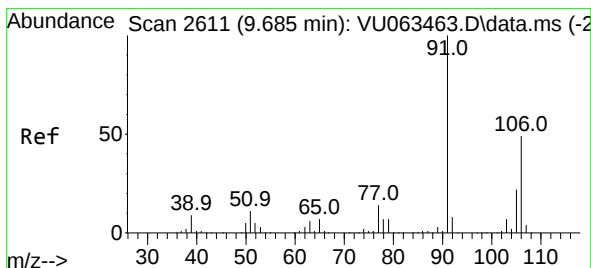
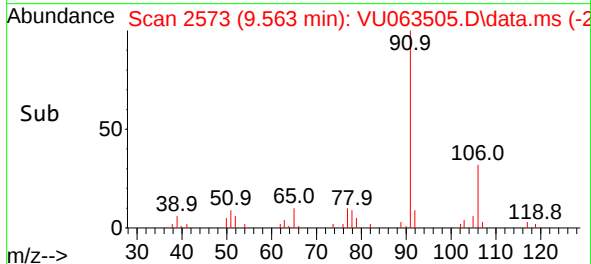
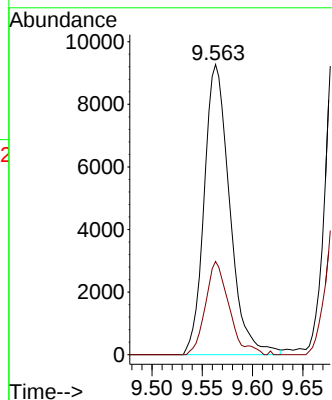
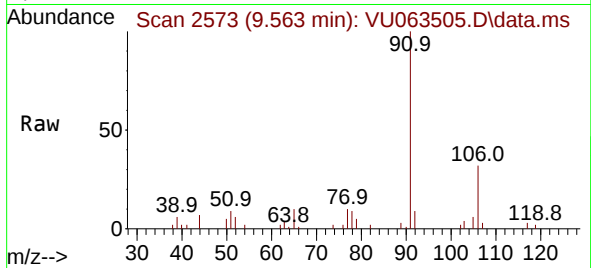




#67
Ethyl Benzene
Concen: 2.796 ug/l
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

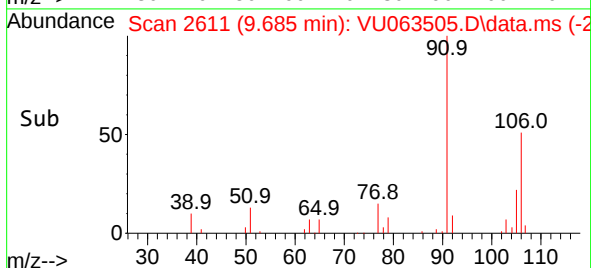
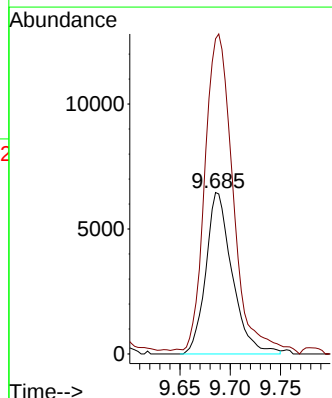
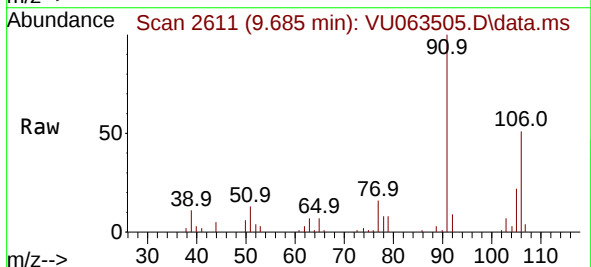
Instrument :
MSVOA_U
ClientSampleId :
MDL06

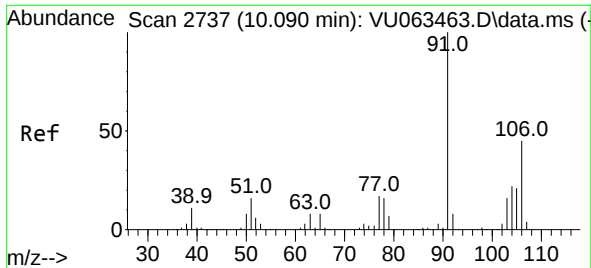
Tgt Ion: 91 Resp: 16385
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 5.260 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:106 Resp: 11765
Ion Ratio Lower Upper
106 100
91 214.3 163.6 245.4

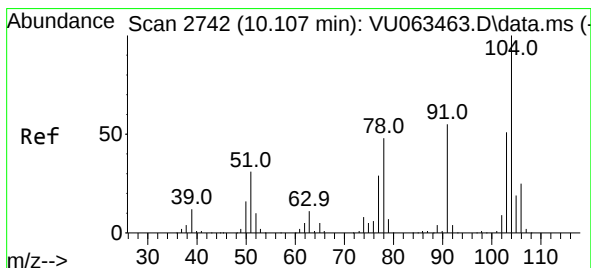
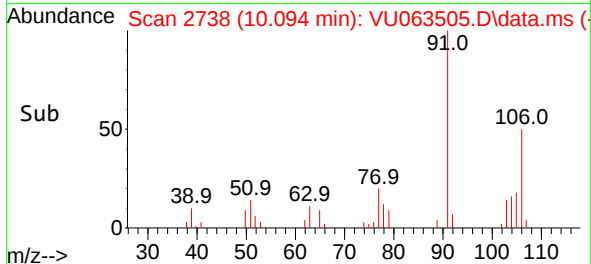
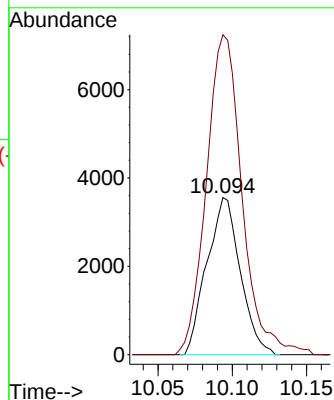
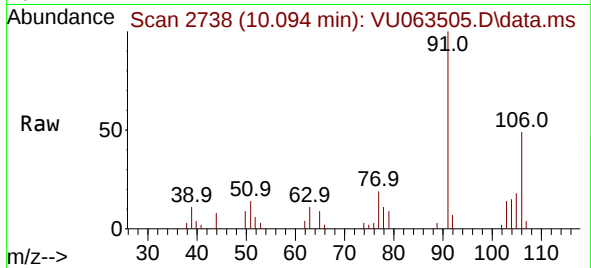




#69
o-Xylene
Concen: 2.447 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

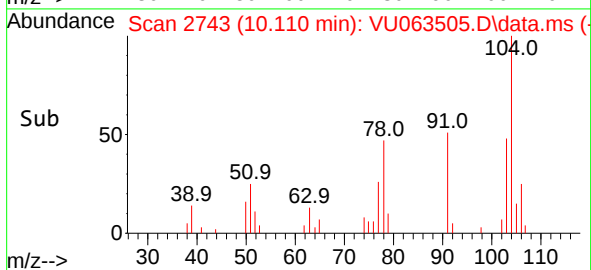
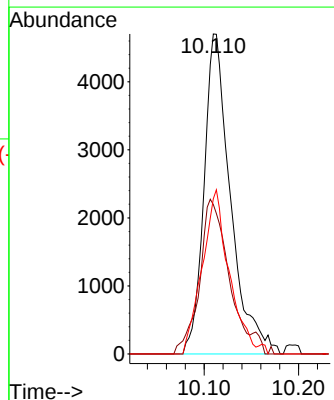
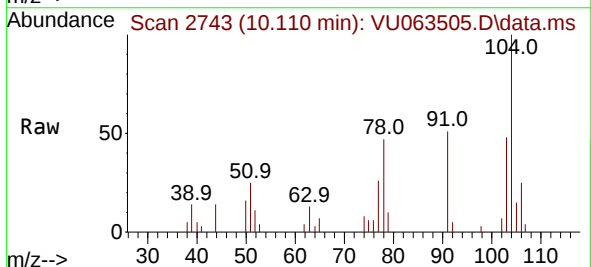
Instrument :
MSVOA_U
ClientSampleId :
MDL06

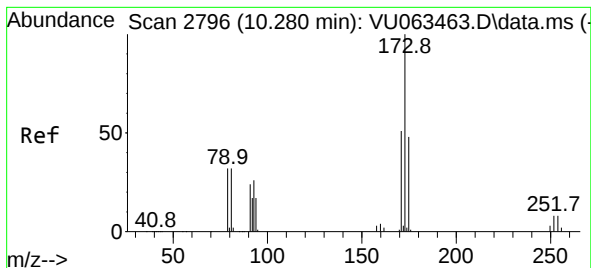
Tgt Ion:106 Resp: 5565
Ion Ratio Lower Upper
106 100
91 217.6 110.7 331.9



#70
Styrene
Concen: 2.542 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:104 Resp: 9190
Ion Ratio Lower Upper
104 100
78 52.0 41.4 62.0
103 51.7 44.3 66.5





#71

Bromoform

Concen: 1.931 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

MDL06

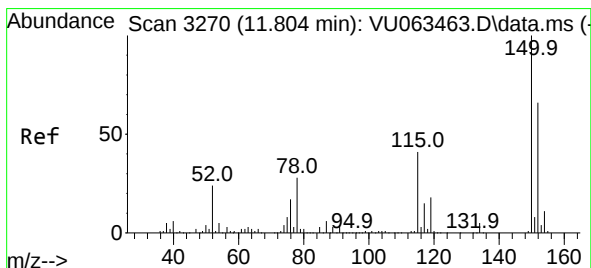
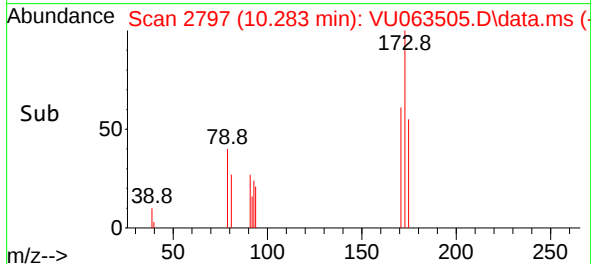
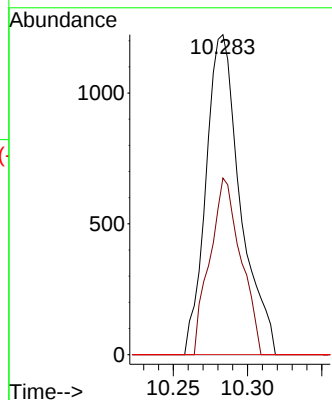
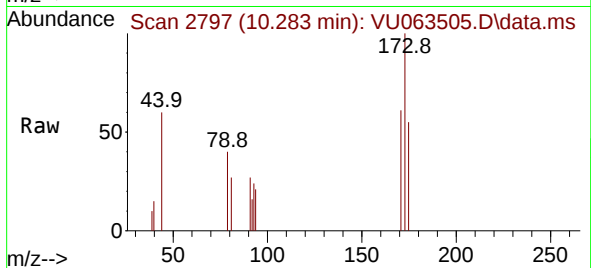
Tgt Ion:173 Resp: 1968

Ion Ratio Lower Upper

173 100

175 49.5 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: VU063505.D

Acq: 14 Jul 2025 13:27

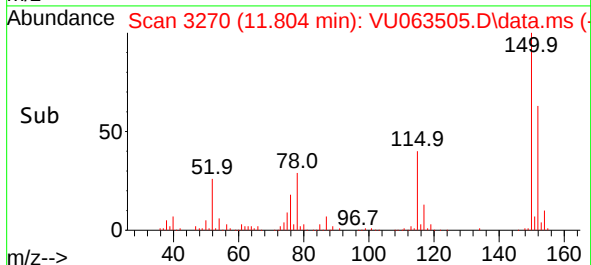
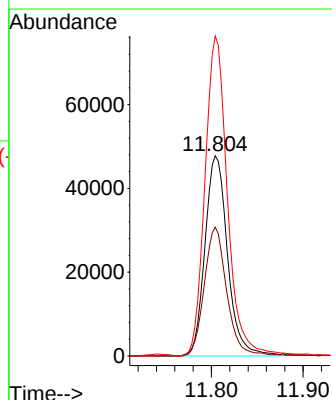
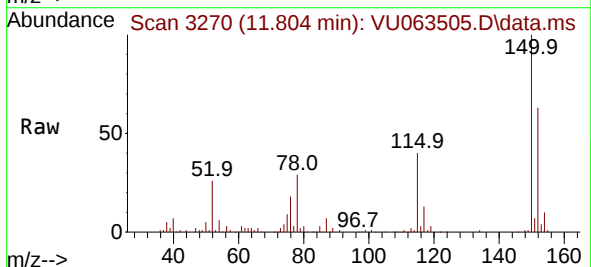
Tgt Ion:152 Resp: 81799

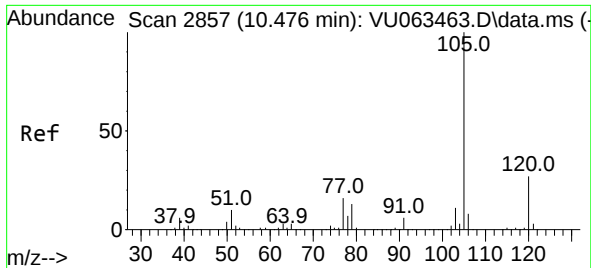
Ion Ratio Lower Upper

152 100

115 64.4 43.4 130.2

150 159.4 0.0 341.4

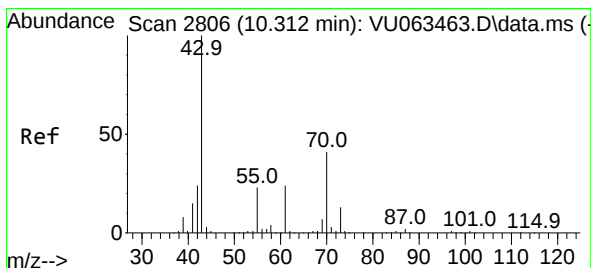
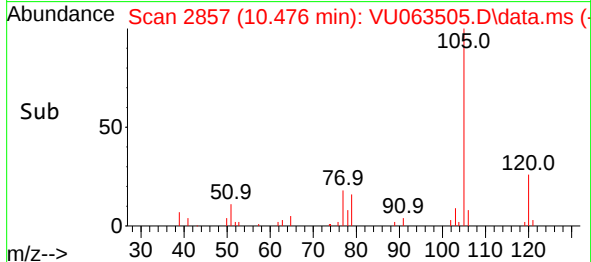
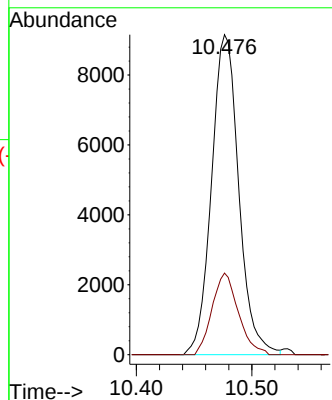
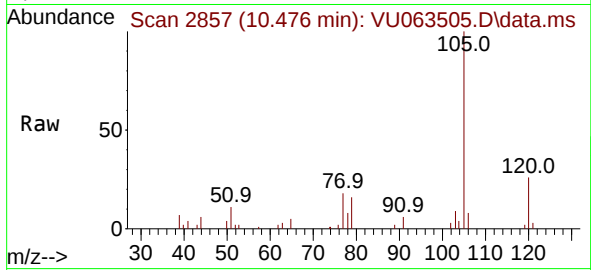




#73
Isopropylbenzene
Concen: 2.693 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

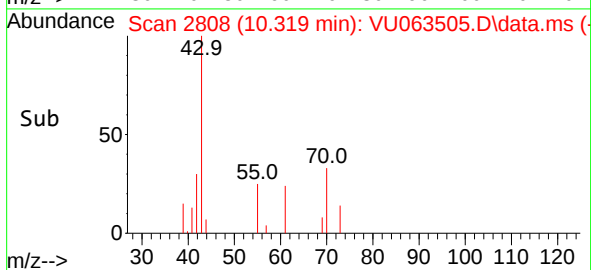
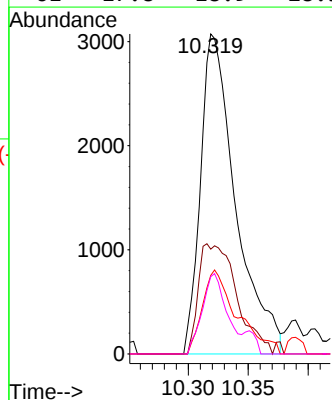
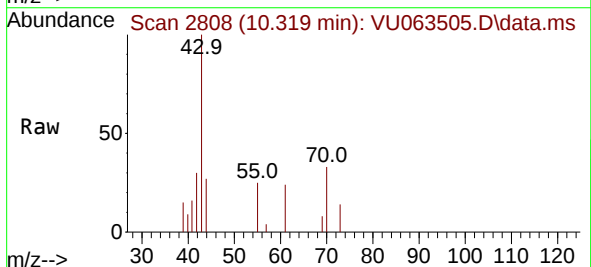
Instrument :
MSVOA_U
ClientSampleId :
MDL06

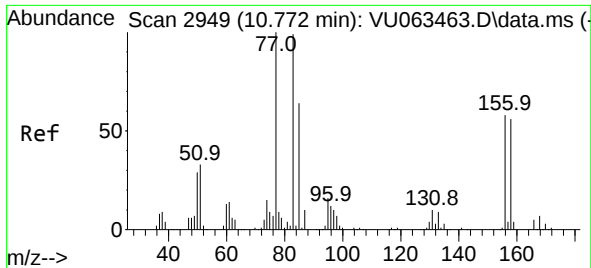
Tgt Ion:105 Resp: 14991
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.1



#74
N-ethyl acetate
Concen: 2.512 ug/l
RT: 10.319 min Scan# 2808
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 43 Resp: 6271
Ion Ratio Lower Upper
43 100
70 37.4 32.6 48.8
55 26.0 18.6 27.8
61 17.8 18.9 28.3#

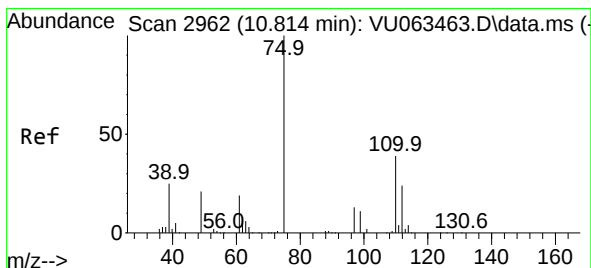
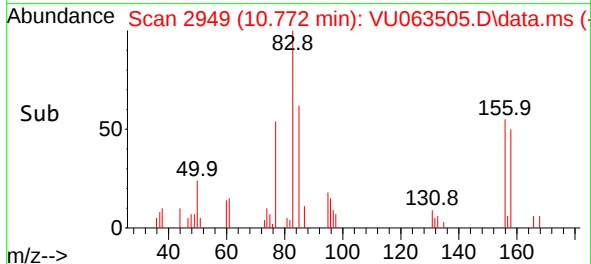
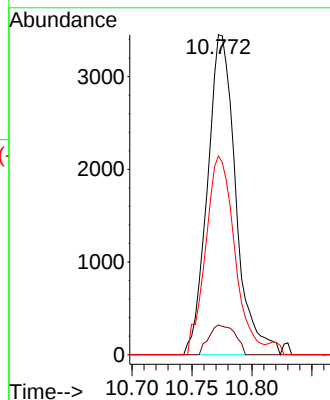
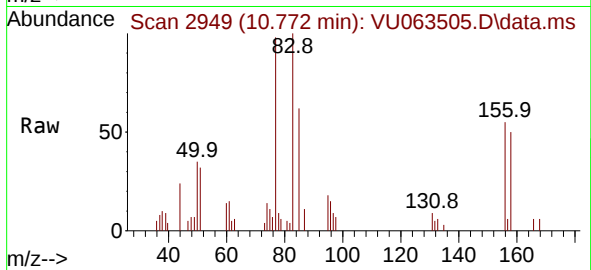




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.767 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

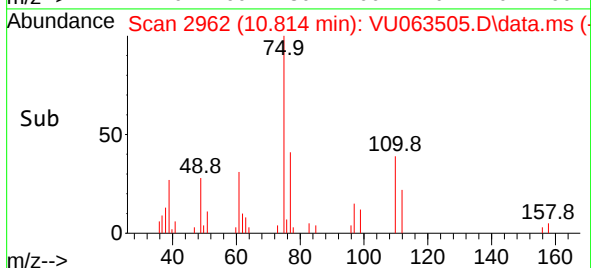
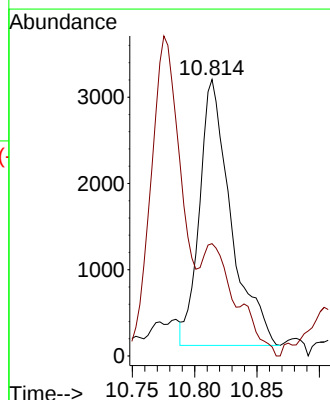
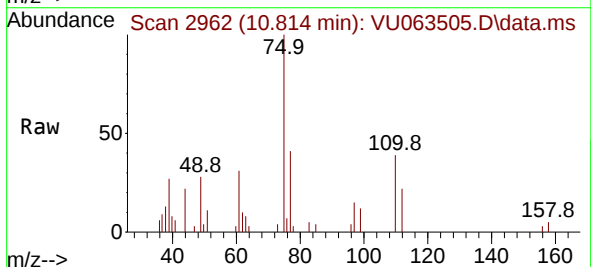
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

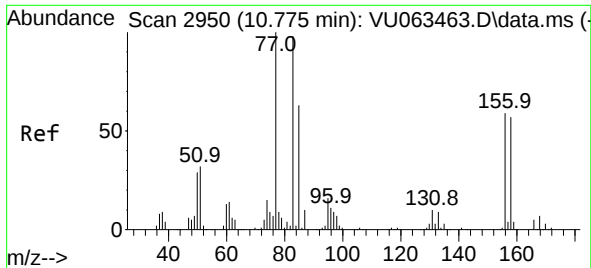
Tgt Ion: 83 Resp: 5669
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.8 14.3
 85 63.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 2.496 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

Tgt Ion: 75 Resp: 5410
 Ion Ratio Lower Upper
 75 100
 77 44.0 3.1 9.4#

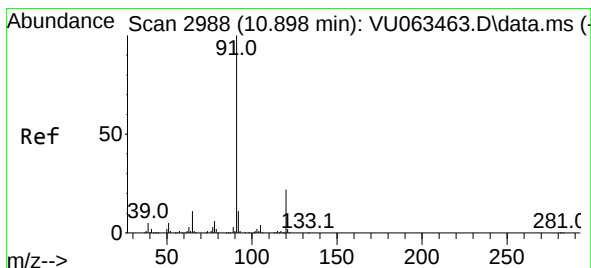
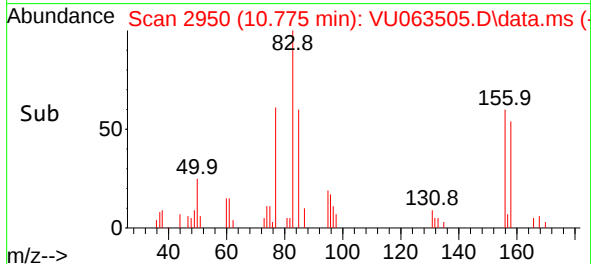
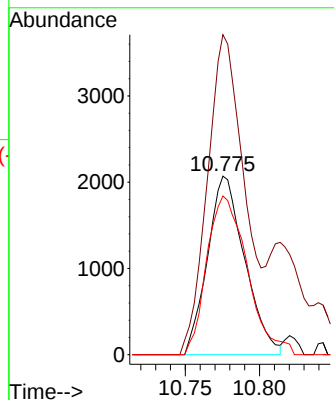
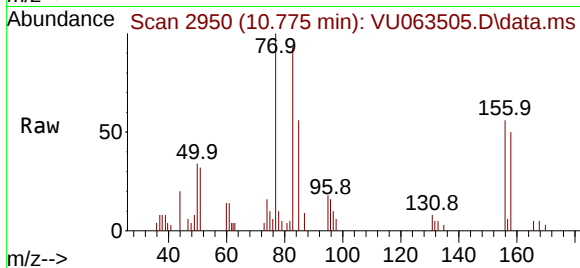




#77
Bromobenzene
Concen: 2.646 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

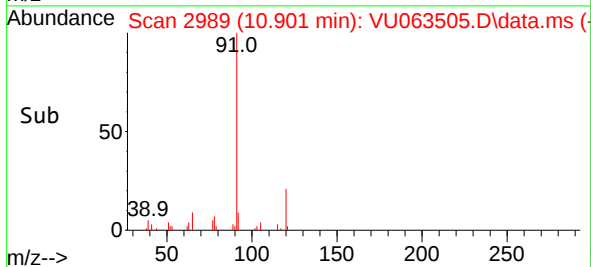
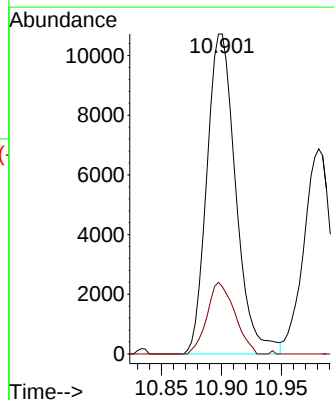
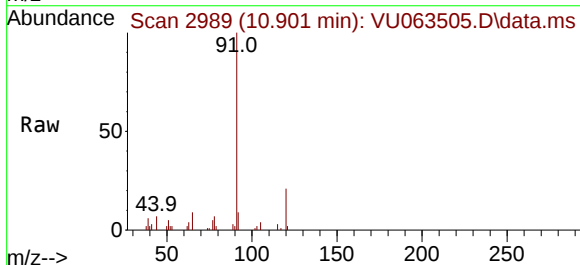
Instrument :
MSVOA_U
ClientSampleId :
MDL06

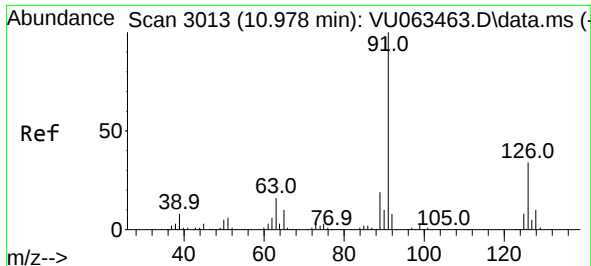
Tgt Ion:156 Resp: 3610
Ion Ratio Lower Upper
156 100
77 175.7 78.2 234.6
158 96.7 46.8 140.4



#78
n-propylbenzene
Concen: 2.793 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 91 Resp: 18027
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.734 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

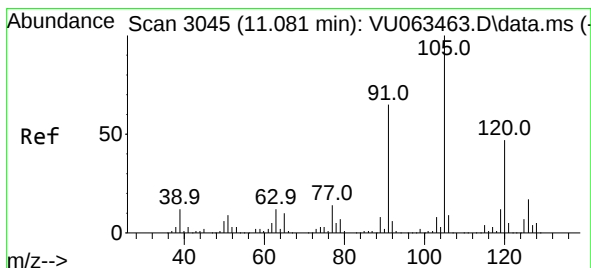
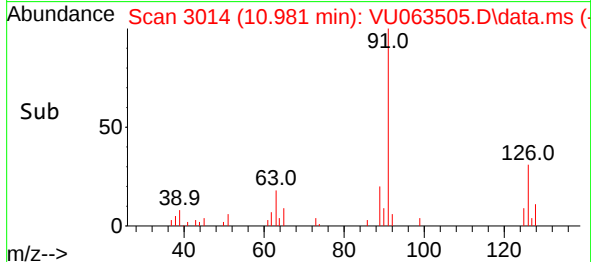
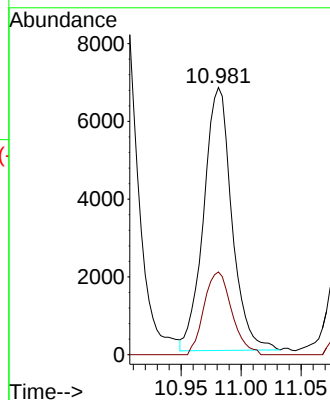
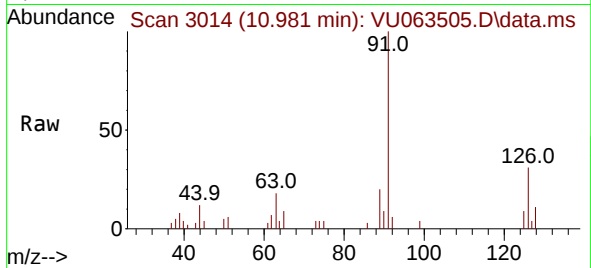
MDL06

Tgt Ion: 91 Resp: 11067

Ion Ratio Lower Upper

91 100

126 30.8 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 2.583 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063505.D

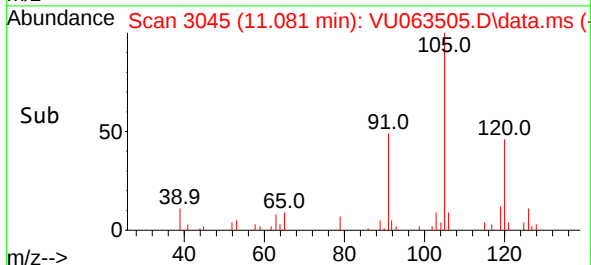
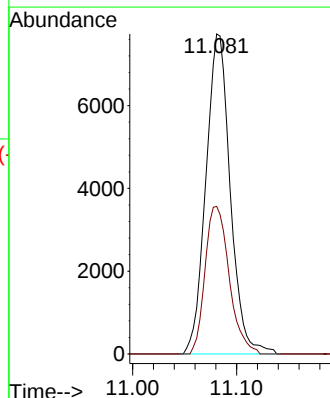
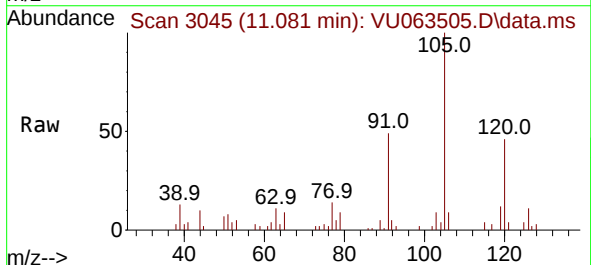
Acq: 14 Jul 2025 13:27

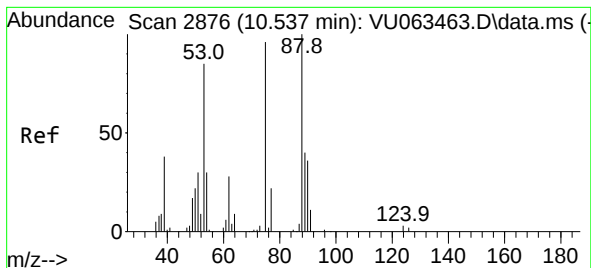
Tgt Ion:105 Resp: 12577

Ion Ratio Lower Upper

105 100

120 45.7 23.4 70.2

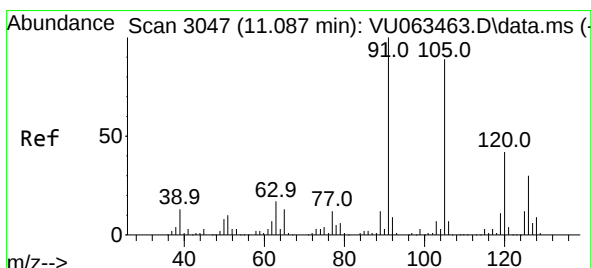
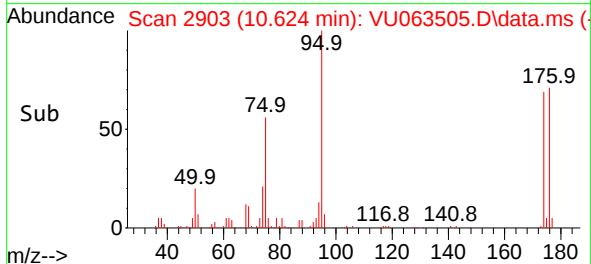
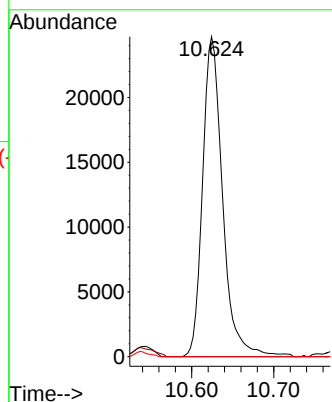
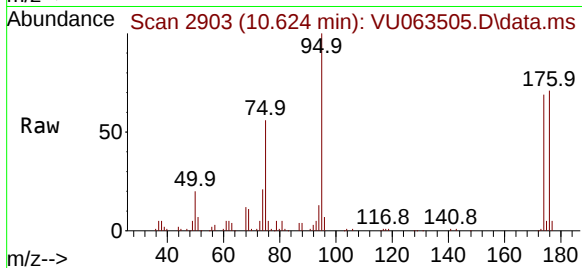




#81
trans-1,4-Dichloro-2-butene
Concen: 96.007 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

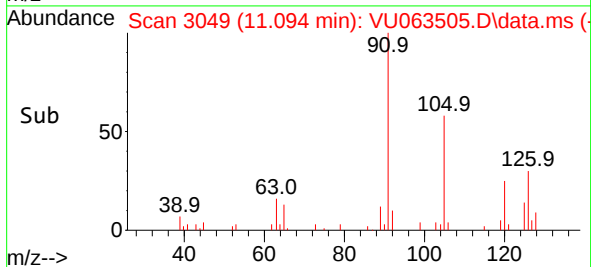
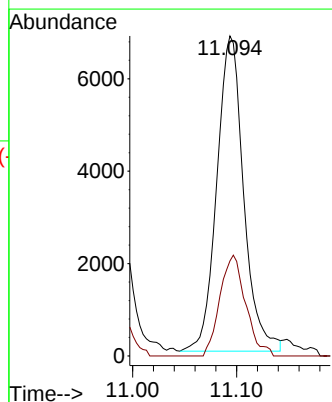
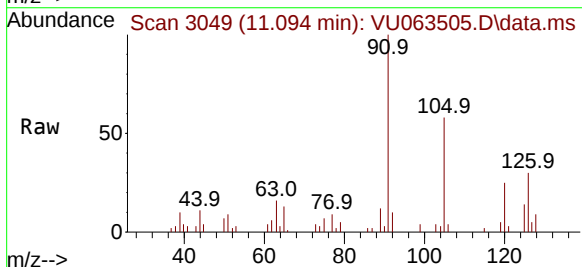
Instrument :
MSVOA_U
ClientSampleId :
MDL06

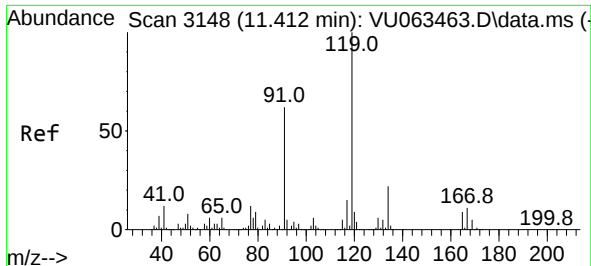
Tgt Ion: 75 Resp: 41724
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 2.664 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion: 91 Resp: 12245
Ion Ratio Lower Upper
91 100
126 30.6 14.4 43.2

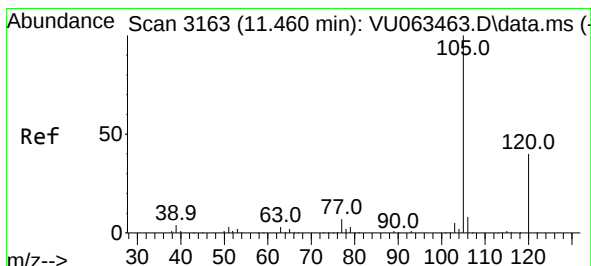
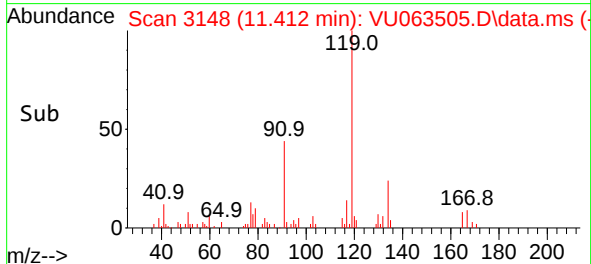
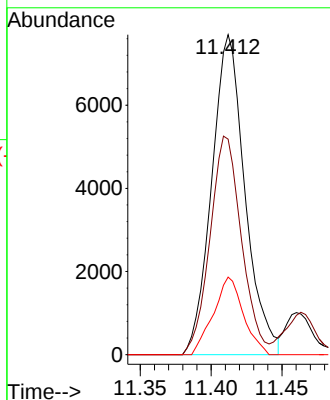
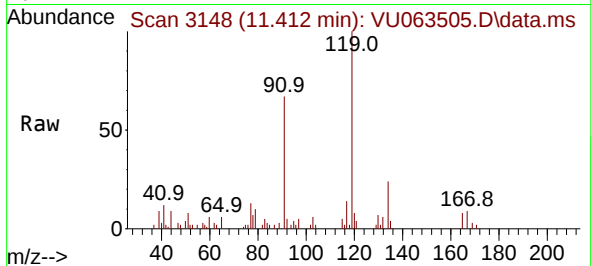




#83
tert-Butylbenzene
Concen: 2.689 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

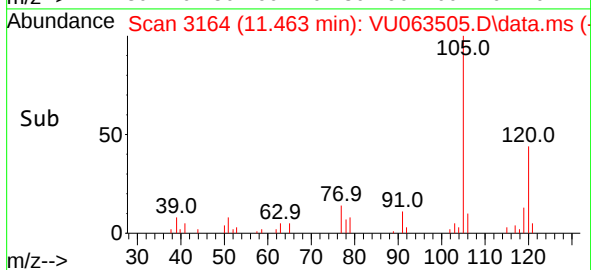
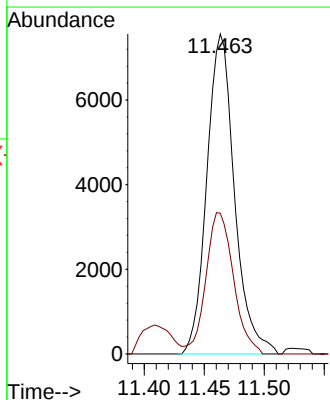
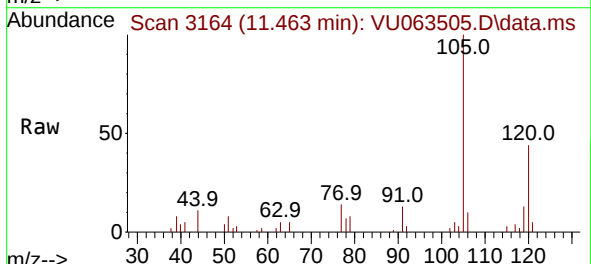
Instrument :
MSVOA_U
ClientSampleId :
MDL06

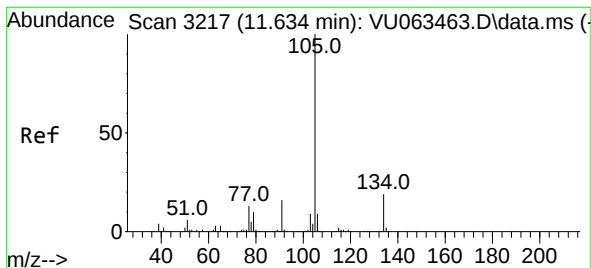
Tgt Ion:	119	Resp:	12555
Ion Ratio	Lower	Upper	
119	100		
91	64.7	30.3	91.0
134	21.9	11.2	33.6



#84
1,2,4-Trimethylbenzene
Concen: 2.537 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:	105	Resp:	12129
Ion Ratio	Lower	Upper	
105	100		
120	43.8	22.1	66.3





#85

sec-Butylbenzene

Concen: 2.710 ug/l

RT: 11.637 min Scan# 3217

Delta R.T. 0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

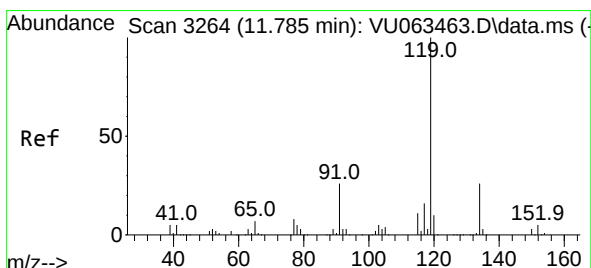
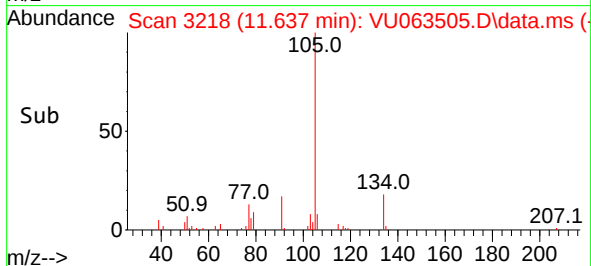
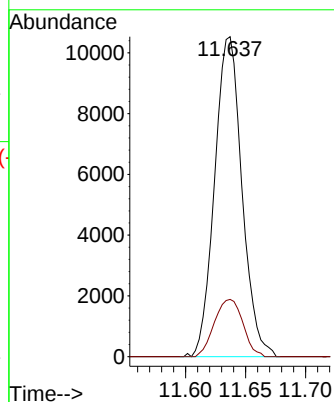
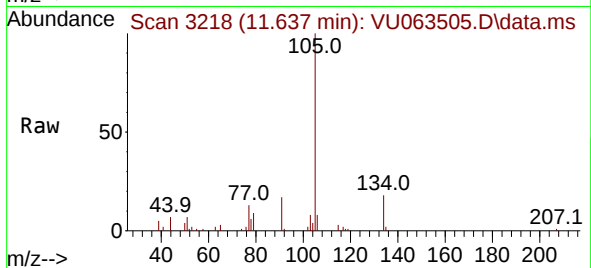
MDL06

Tgt Ion:105 Resp: 16692

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 2.594 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

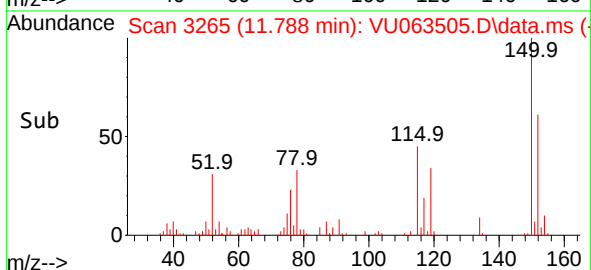
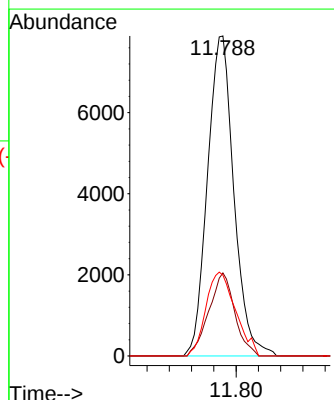
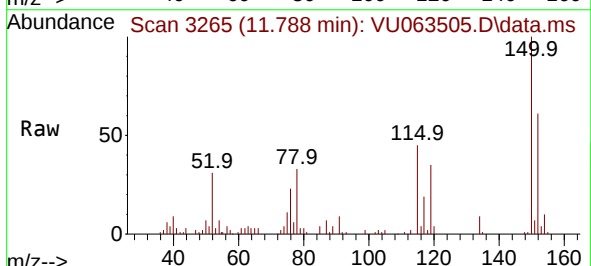
Tgt Ion:119 Resp: 12963

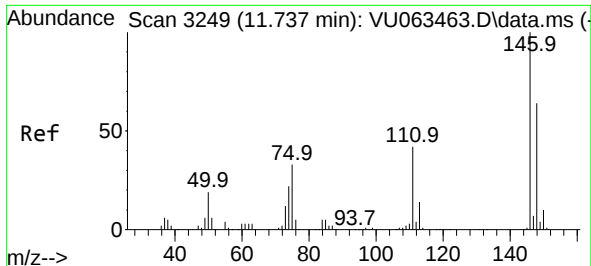
Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

91 29.4 13.0 38.9

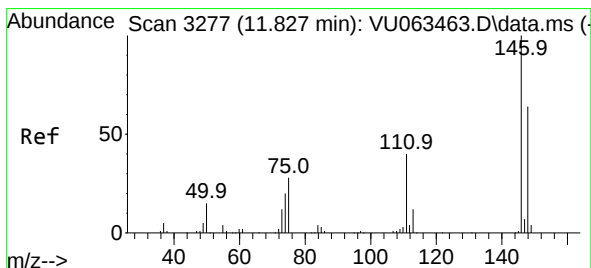
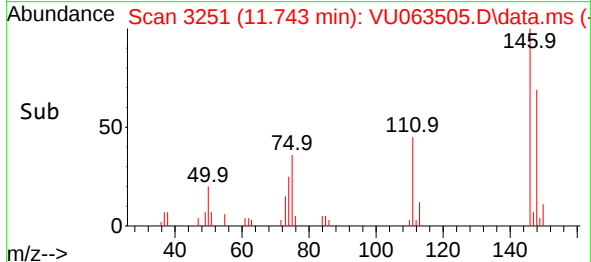
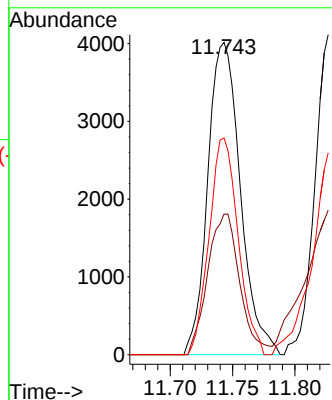
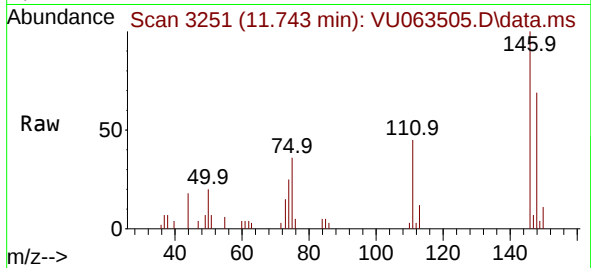




#87
 1,3-Dichlorobenzene
 Concen: 2.779 ug/l
 RT: 11.743 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

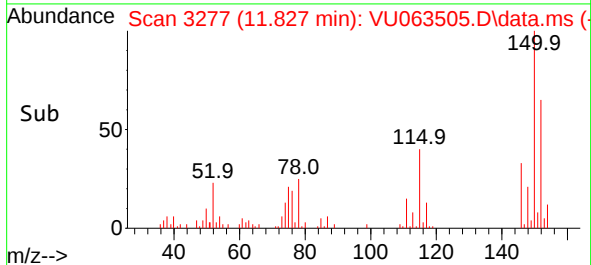
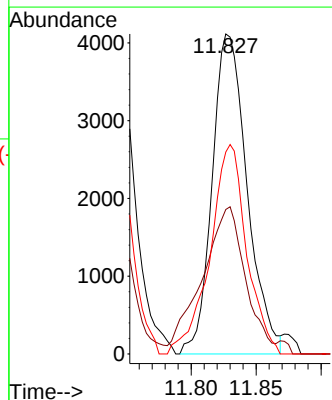
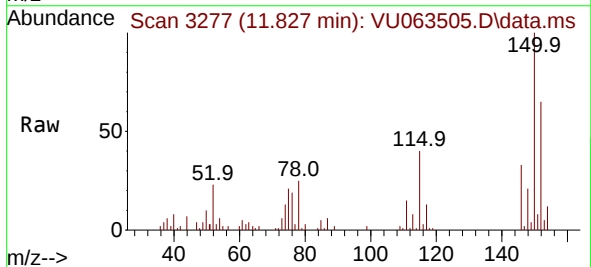
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

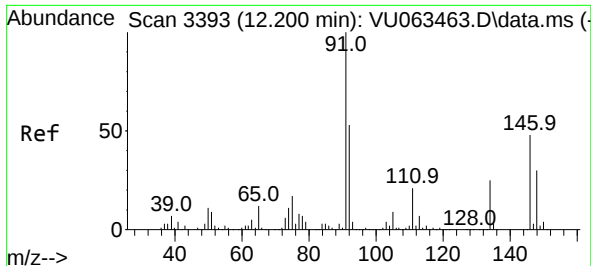
Tgt Ion:146 Resp: 7305
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.9 62.7
 148 61.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 2.875 ug/l
 RT: 11.827 min Scan# 3277
 Delta R.T. -0.000 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

Tgt Ion:146 Resp: 7707
 Ion Ratio Lower Upper
 146 100
 111 51.6 20.8 62.4
 148 68.5 31.9 95.9





#89

n-Butylbenzene

Concen: 2.706 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063505.D

Acq: 14 Jul 2025 13:27

Instrument :

MSVOA_U

ClientSampleId :

MDL06

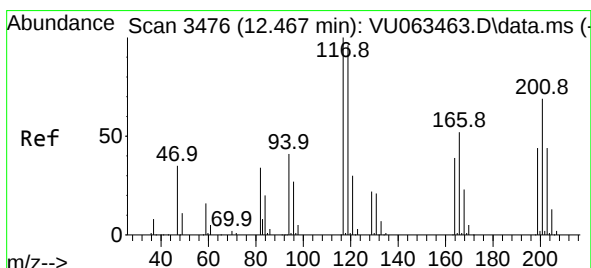
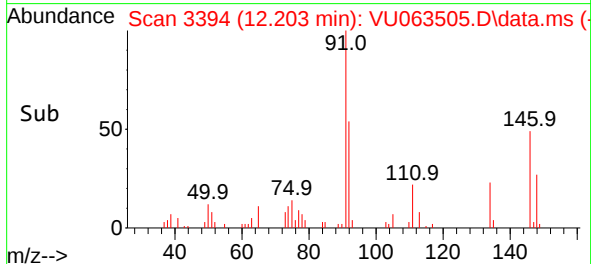
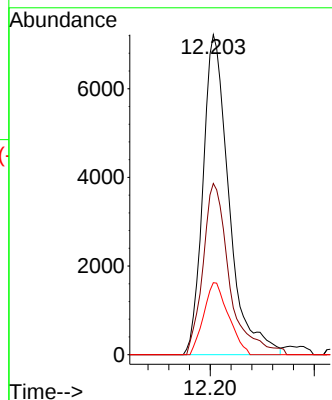
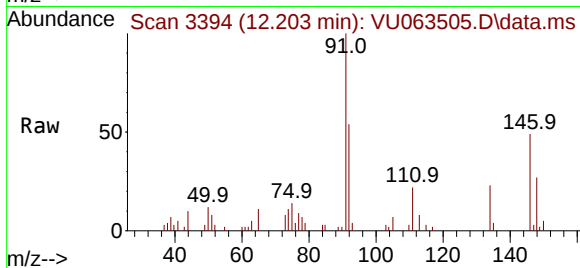
Tgt Ion: 91 Resp: 12515

Ion Ratio Lower Upper

91 100

92 54.4 26.4 79.2

134 21.4 12.4 37.0



#90

Hexachloroethane

Concen: 2.177 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.003 min

Lab File: VU063505.D

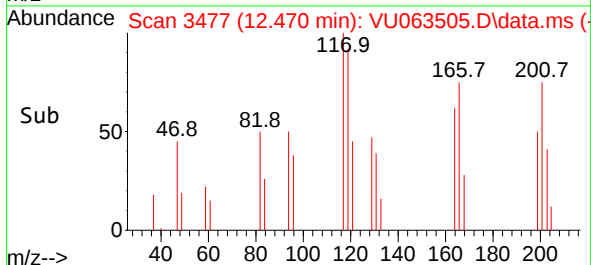
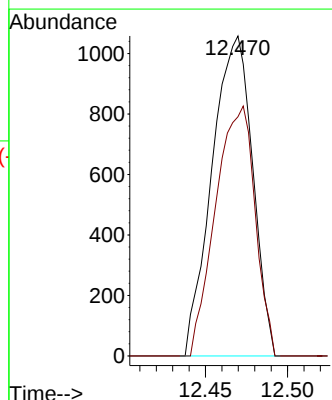
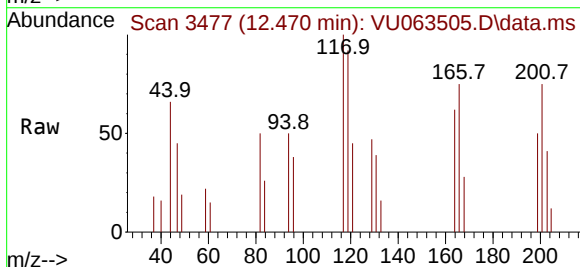
Acq: 14 Jul 2025 13:27

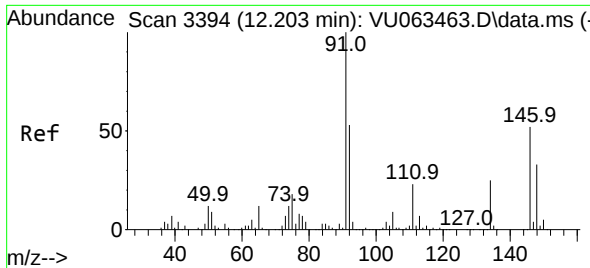
Tgt Ion: 117 Resp: 1820

Ion Ratio Lower Upper

117 100

201 75.9 34.4 103.2

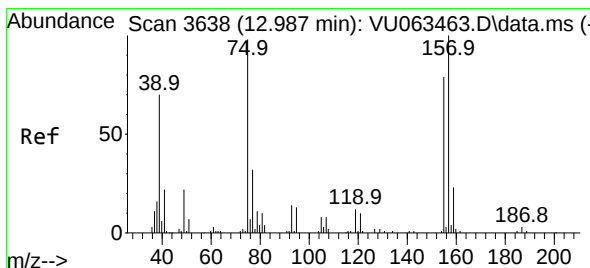
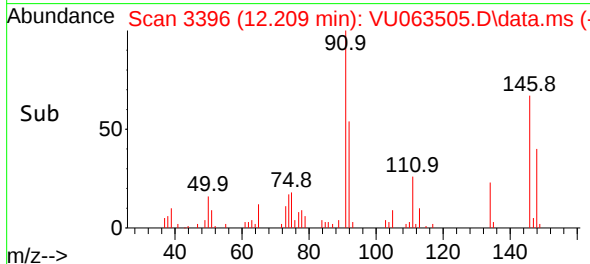
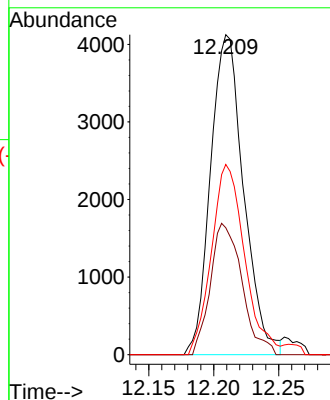
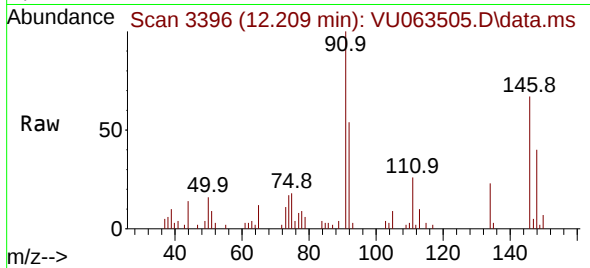




#91
 1,2-Dichlorobenzene
 Concen: 2.846 ug/l
 RT: 12.209 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

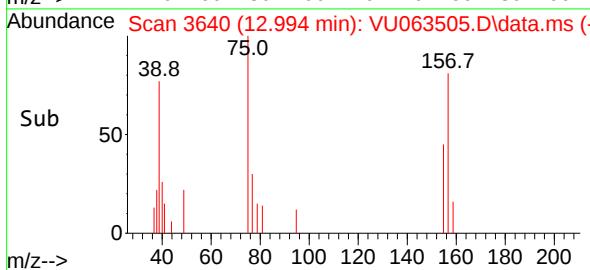
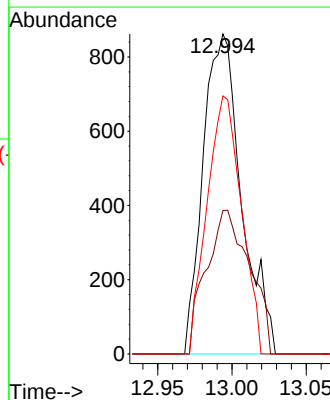
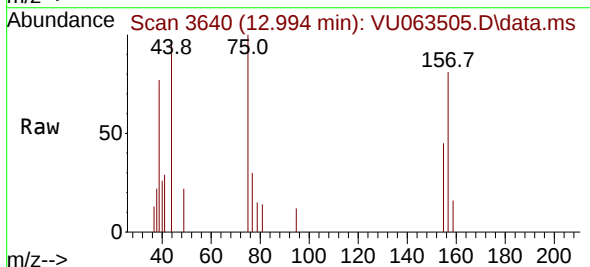
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

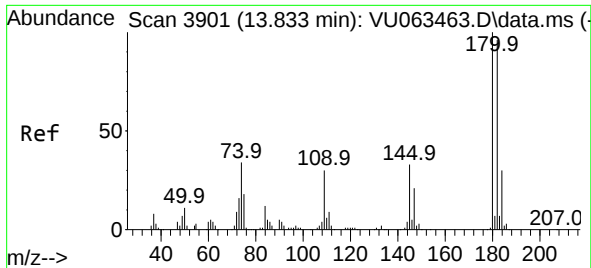
Tgt Ion:146 Resp: 7295
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.9 65.5
 148 59.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.203 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063505.D
 Acq: 14 Jul 2025 13:27

Tgt Ion: 75 Resp: 1554
 Ion Ratio Lower Upper
 75 100
 155 50.6 39.1 117.5
 157 71.8 49.4 148.2

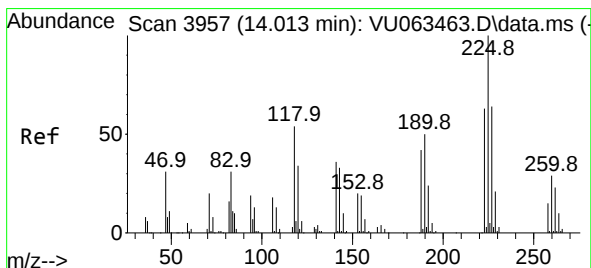
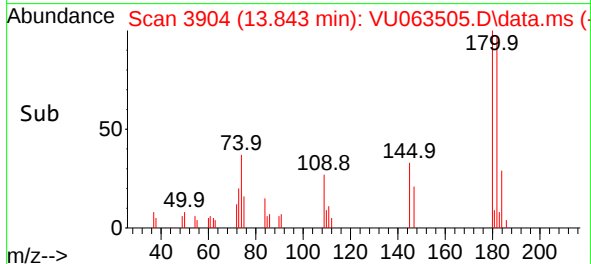
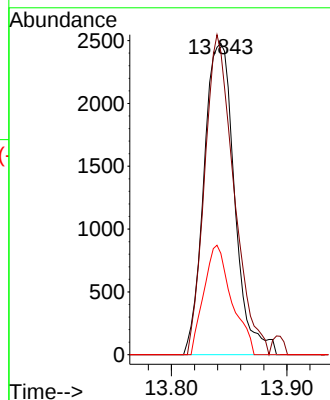
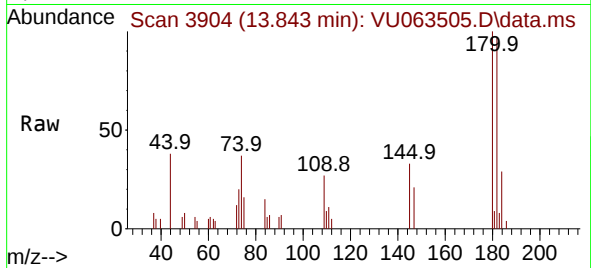




#93
1,2,4-Trichlorobenzene
Concen: 2.784 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

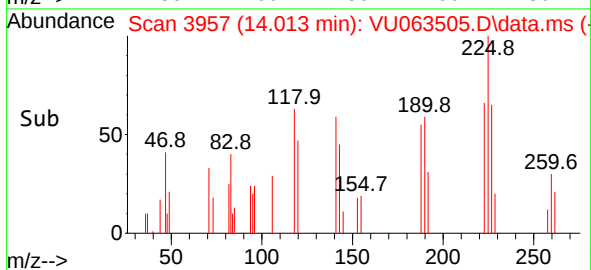
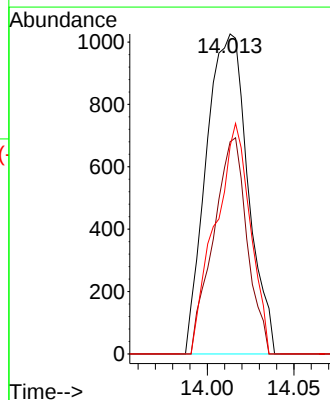
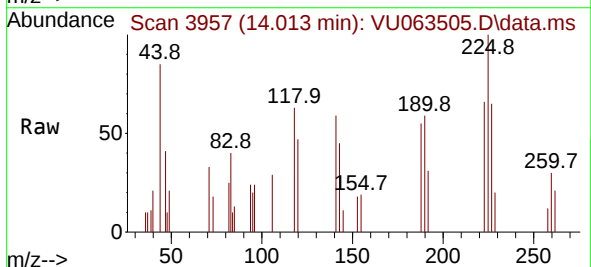
Instrument :
MSVOA_U
ClientSampleId :
MDL06

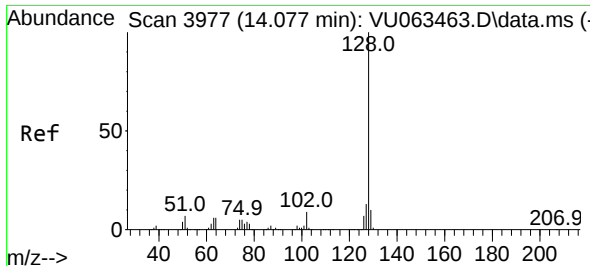
Tgt Ion:180 Resp: 4570
Ion Ratio Lower Upper
180 100
182 97.8 47.7 143.1
145 31.9 16.6 49.7



#94
Hexachlorobutadiene
Concen: 2.448 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:225 Resp: 1718
Ion Ratio Lower Upper
225 100
223 54.6 32.4 97.0
227 60.7 32.3 96.9

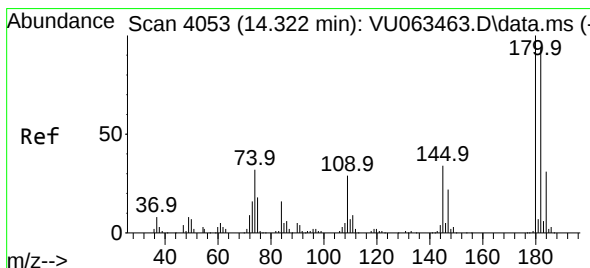
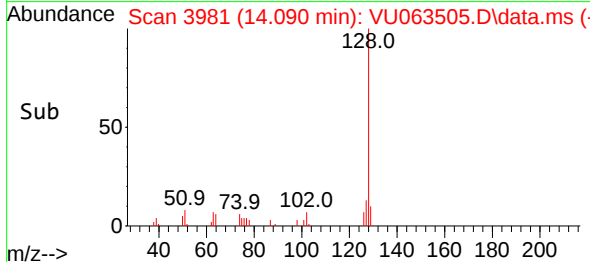
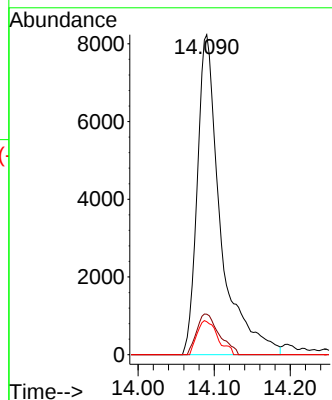
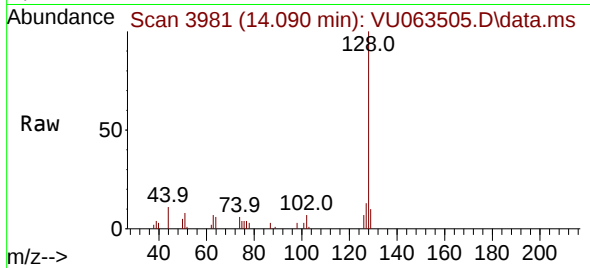




#95
Naphthalene
Concen: 3.261 ug/l
RT: 14.090 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:128	Resp:	17533
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.2 15.4
129	9.4	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.740 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063505.D
Acq: 14 Jul 2025 13:27

Tgt Ion:180	Resp:	4421
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.8 143.3
145	35.2	17.2 51.5

