

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052748.D
 Acq On : 19 Jan 2023 20:17
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Jan 20 01:37:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:35:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	207225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	346135	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	317270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	149723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	153664	51.489	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.980%			
35) Dibromofluoromethane	5.282	113	118537	49.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.360%			
50) Toluene-d8	7.893	98	431109	47.696	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.400%			
62) 4-Bromofluorobenzene	10.629	95	150812	45.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	5808	2.377	ug/l	100
3) Chloromethane	1.520	50	7384	2.942	ug/l	93
4) Vinyl Chloride	1.604	62	6456	2.579	ug/l	99
5) Bromomethane	1.858	94	3647	2.951	ug/l	96
6) Chloroethane	1.932	64	4191	2.648	ug/l	98
7) Trichlorofluoromethane	2.131	101	9732	2.525	ug/l	97
8) Diethyl Ether	2.372	74	3639	2.594	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.572	101	5481	2.459	ug/l	97
10) Methyl Iodide	2.716	142	4594	2.509	ug/l #	93
11) Tert butyl alcohol	3.179	59	1432	2.816	ug/l #	88
12) 1,1-Dichloroethene	2.575	96	5675	2.575	ug/l	96
13) Acrolein	2.488	56	6664	13.328	ug/l	100
14) Allyl chloride	2.919	41	8397	2.419	ug/l	93
15) Acrylonitrile	3.318	53	16824	11.991	ug/l	97
16) Acetone	2.639	43	15812	11.117	ug/l	98
17) Carbon Disulfide	2.790	76	17357	2.628	ug/l	99
18) Methyl Acetate	2.951	43	10424	2.648	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	18761	2.512	ug/l	92
20) Methylene Chloride	3.041	84	8228	2.570	ug/l	99
21) trans-1,2-Dichloroethene	3.347	96	5724	2.409	ug/l	97
22) Diisopropyl ether	3.986	45	18046	2.499	ug/l #	70
23) Vinyl Acetate	3.954	43	64516	11.646	ug/l	98
24) 1,1-Dichloroethane	3.864	63	11783	2.573	ug/l	97
25) 2-Butanone	4.716	43	20838	11.359	ug/l	98
26) 2,2-Dichloropropane	4.662	77	9469	2.521	ug/l	95
27) cis-1,2-Dichloroethene	4.662	96	6930	2.657	ug/l	98
28) Bromochloromethane	4.967	49	4560	2.386	ug/l #	98
29) Tetrahydrofuran	5.060	42	13344	12.531	ug/l	97
30) Chloroform	5.083	83	12762	2.607	ug/l	86
31) Cyclohexane	5.382	56	14098	3.371	ug/l #	73
32) 1,1,1-Trichloroethane	5.314	97	10802	2.694	ug/l	95
36) 1,1-Dichloropropene	5.520	75	8213	2.375	ug/l	96
37) Ethyl Acetate	4.806	43	8145	2.167	ug/l	98
38) Carbon Tetrachloride	5.520	117	7773	2.185	ug/l	96
39) Methylcyclohexane	6.761	83	9212	2.289	ug/l	91
40) Benzene	5.771	78	26568	2.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	3750	2.062	ug/l	93
42) 1,2-Dichloroethane	5.790	62	9920	2.631	ug/l	99
43) Isopropyl Acetate	5.912	43	12642	2.413	ug/l	97
44) Trichloroethene	6.543	130	6271	2.428	ug/l	100
45) 1,2-Dichloropropane	6.787	63	6625	2.460	ug/l	96
46) Dibromomethane	6.916	93	4448	2.385	ug/l	98
47) Bromodichloromethane	7.102	83	9258	2.481	ug/l	94
48) Methyl methacrylate	6.961	41	5326	2.231	ug/l	94
49) 1,4-Dioxane	7.035	88	1368	29.568	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	38604	11.383	ug/l	98
52) Toluene	7.967	92	16005	2.534	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	8252	2.117	ug/l	93
54) cis-1,3-Dichloropropene	7.604	75	9974	2.399	ug/l	97
55) 1,1,2-Trichloroethane	8.395	97	6342	2.460	ug/l	96
56) Ethyl methacrylate	8.333	69	8330	2.295	ug/l	96
57) 1,3-Dichloropropane	8.571	76	10984	2.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	825	7.486	ug/l #	88
59) 2-Hexanone	8.690	43	29413	11.259	ug/l	95
60) Dibromochloromethane	8.806	129	6468	2.285	ug/l	97
61) 1,2-Dibromoethane	8.919	107	6622	2.447	ug/l	99
64) Tetrachloroethene	8.549	164	5572	2.528	ug/l	96
65) Chlorobenzene	9.443	112	17011	2.534	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.530	131	6039	2.400	ug/l	96
67) Ethyl Benzene	9.568	91	25796	2.274	ug/l	93
68) m/p-Xylenes	9.690	106	19173	4.351	ug/l	98
69) o-Xylene	10.099	106	9585	2.279	ug/l	100
70) Styrene	10.112	104	15028	2.178	ug/l	98
71) Bromoform	10.292	173	4898	2.330	ug/l #	97
73) Isopropylbenzene	10.481	105	24326	2.466	ug/l	99
74) N-amyl acetate	10.321	43	8487	2.259	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	10194	2.609	ug/l	97
76) 1,2,3-Trichloropropane	10.819	75	10870	2.660	ug/l	100
77) Bromobenzene	10.777	156	7049	2.763	ug/l	98
78) n-propylbenzene	10.899	91	27836	2.400	ug/l	99
79) 2-Chlorotoluene	10.983	91	19567	2.730	ug/l	97
80) 1,3,5-Trimethylbenzene	11.083	105	19224	2.346	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.629	75	74957	71.288	ug/l #	13
82) 4-Chlorotoluene	11.095	91	20319	2.487	ug/l	99
83) tert-Butylbenzene	11.417	119	20980	2.495	ug/l	97
84) 1,2,4-Trimethylbenzene	11.462	105	18147	2.231	ug/l	99
85) sec-Butylbenzene	11.639	105	23626	2.295	ug/l	99
86) p-Isopropyltoluene	11.790	119	19460	2.223	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	12468	2.564	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	13269	2.654	ug/l	89
89) n-Butylbenzene	12.205	91	15885	2.115	ug/l	98
90) Hexachloroethane	12.472	117	3971	2.364	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	13050	2.661	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	2121	2.616	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	6738	2.353	ug/l	92
94) Hexachlorobutadiene	14.015	225	3943	2.484	ug/l	96
95) Naphthalene	14.082	128	17223	2.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	6420	2.258	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:35:33 2023
Response via : Initial Calibration

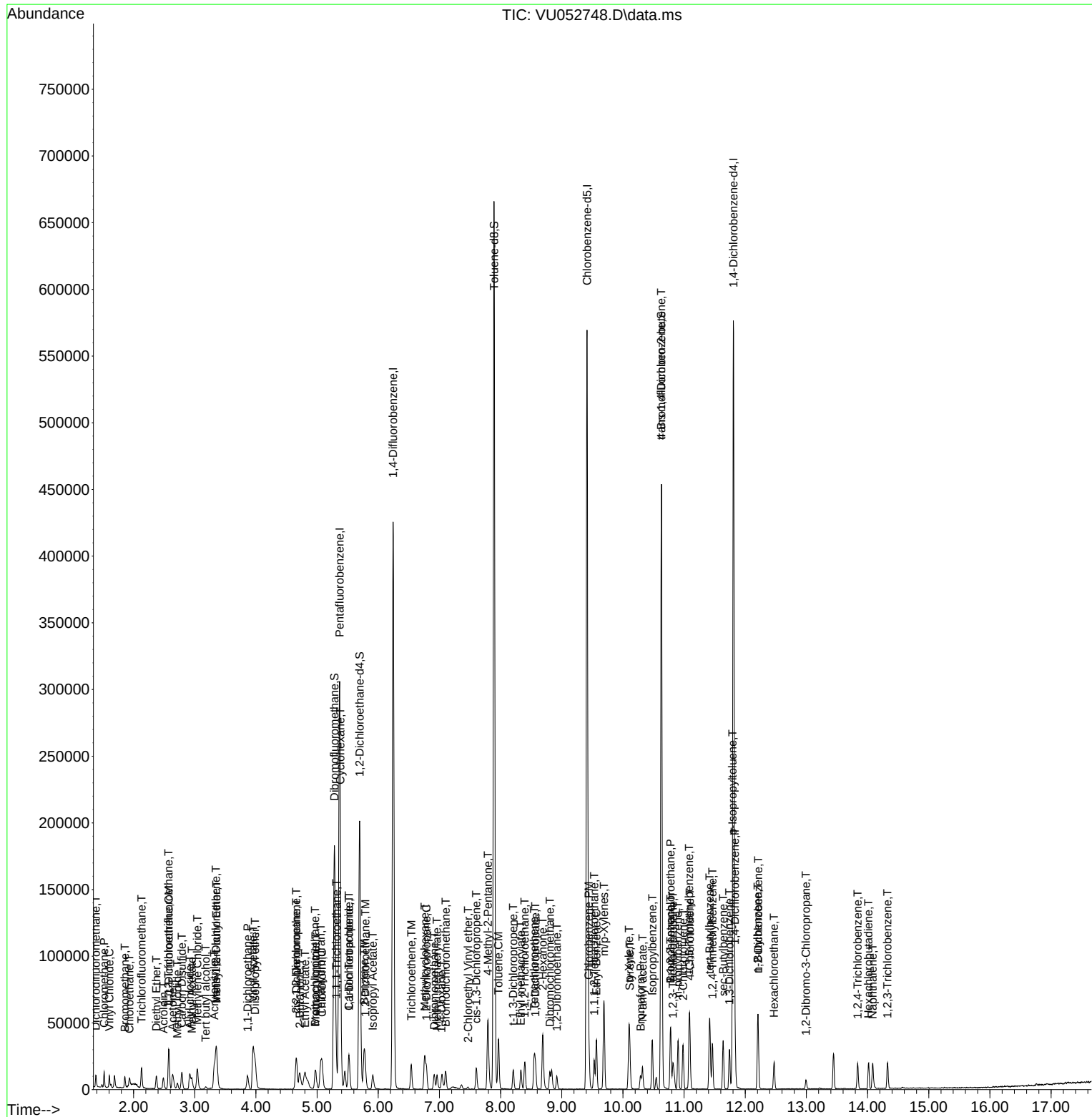
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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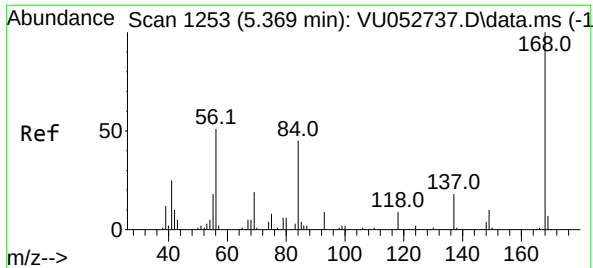
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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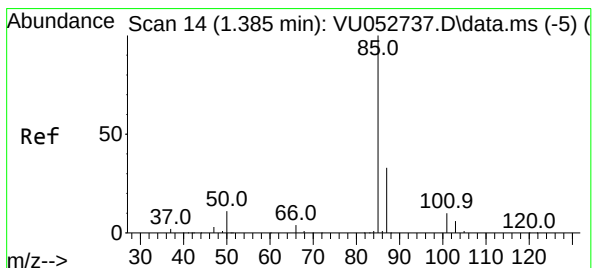
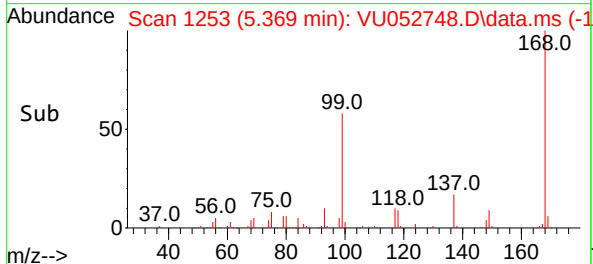
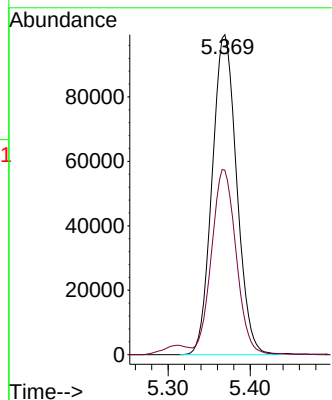
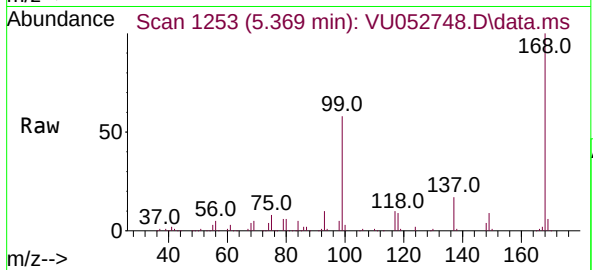




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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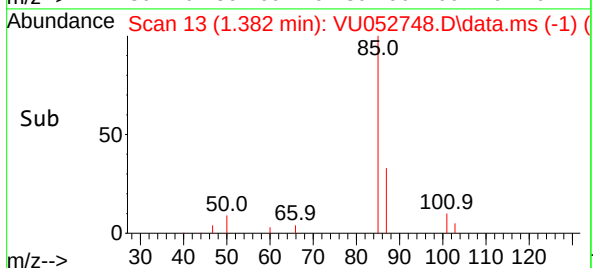
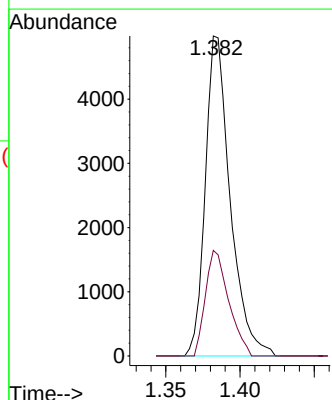
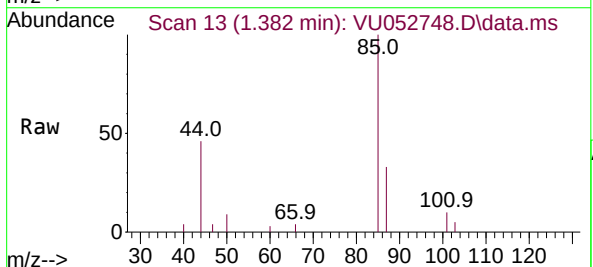
Instrument :
MSVOA_U
ClientSampleId :
MDL05

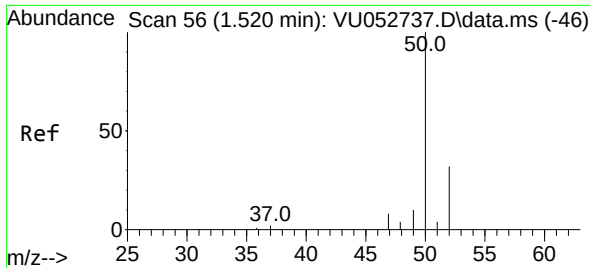
Tgt Ion:168 Resp: 207225
Ion Ratio Lower Upper
168 100
99 57.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 2.377 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 85 Resp: 5808
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.7

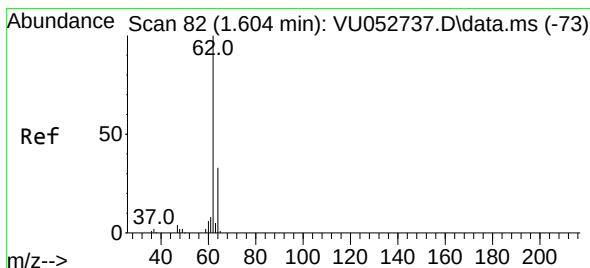
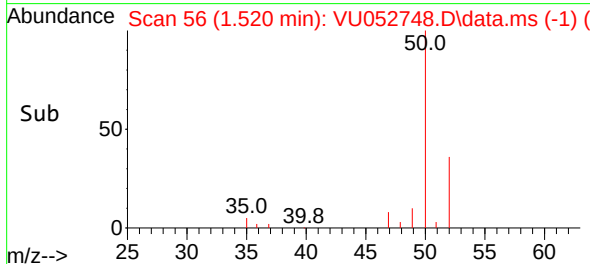
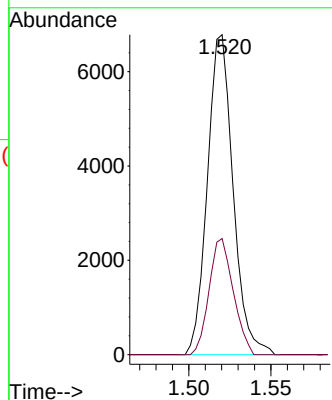
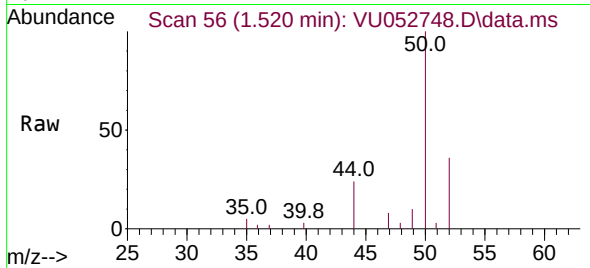




#3
Chloromethane
Concen: 2.942 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

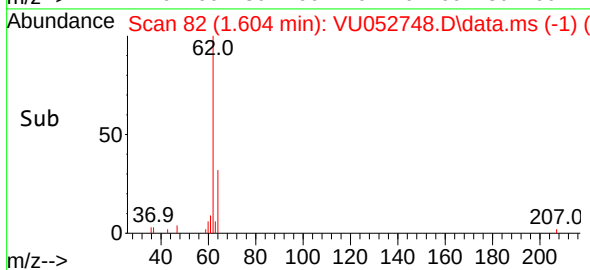
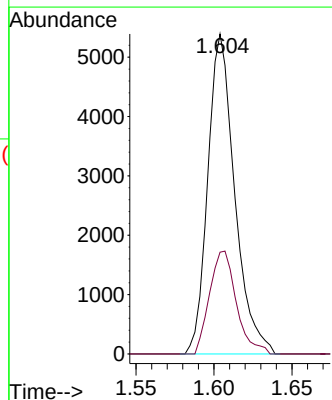
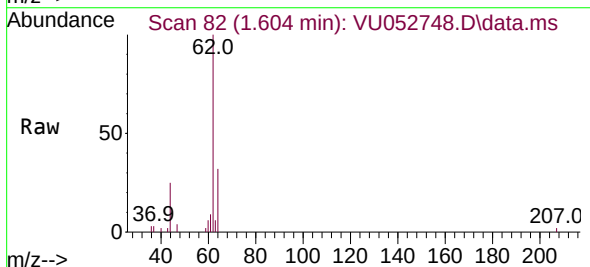
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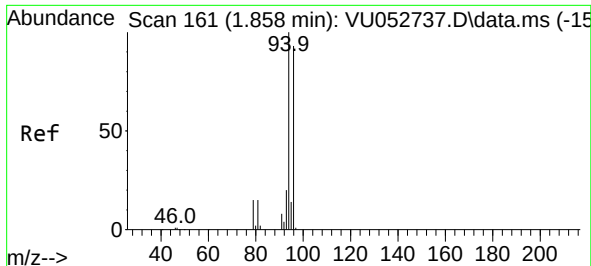
Tgt Ion: 50 Resp: 7384
Ion Ratio Lower Upper
50 100
52 36.3 25.8 38.6



#4
Vinyl Chloride
Concen: 2.579 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 62 Resp: 6456
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

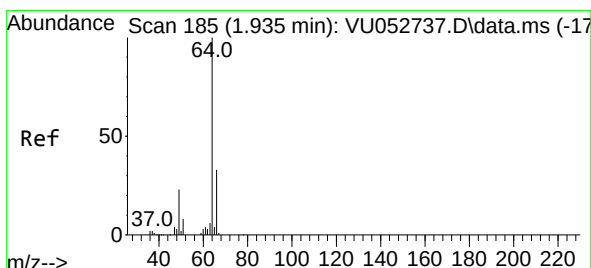
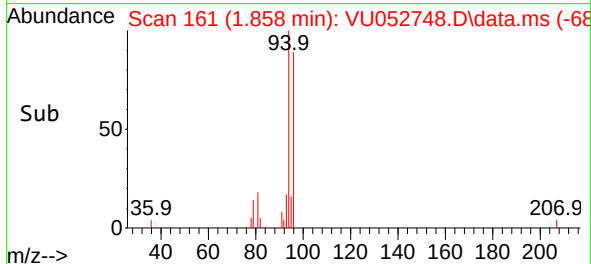
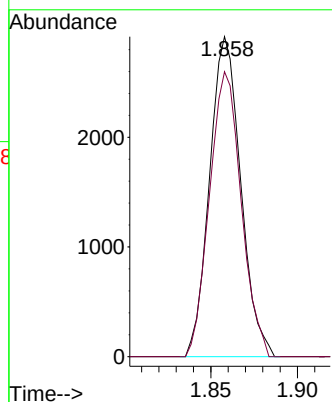
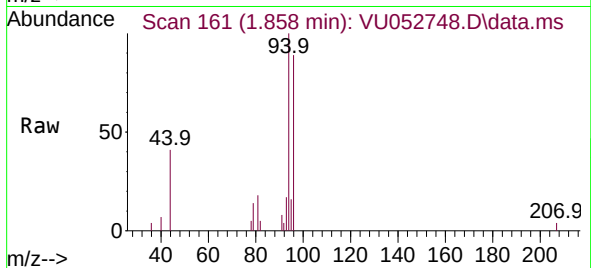




#5
Bromomethane
Concen: 2.951 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

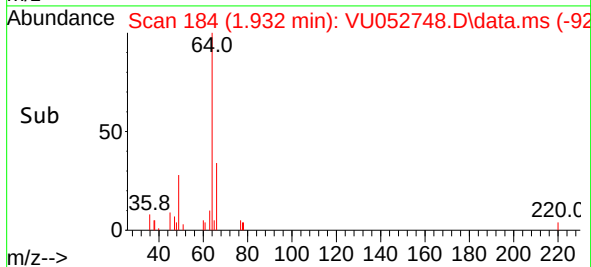
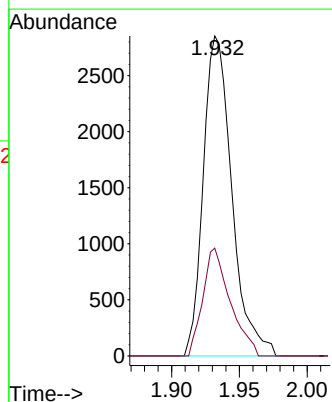
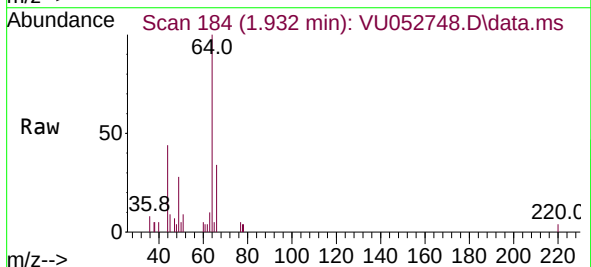
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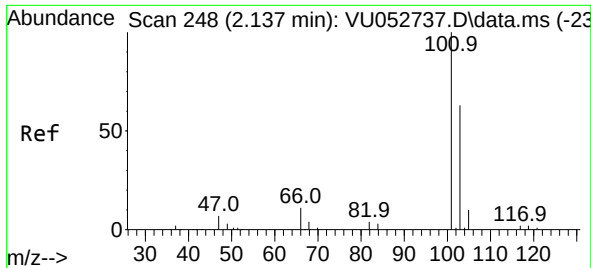
Tgt Ion: 94 Resp: 3647
Ion Ratio Lower Upper
94 100
96 89.1 74.3 111.5



#6
Chloroethane
Concen: 2.648 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 64 Resp: 4191
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

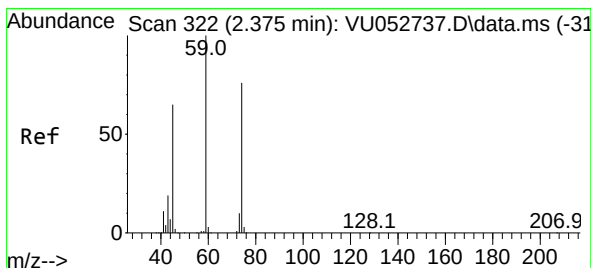
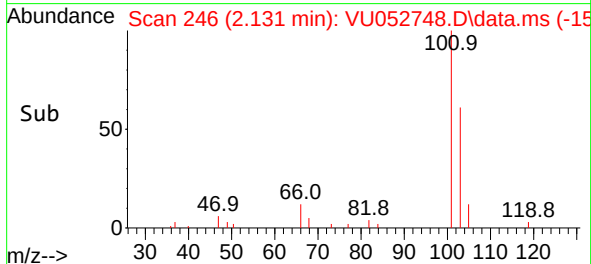
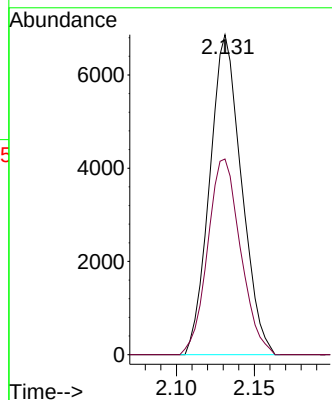
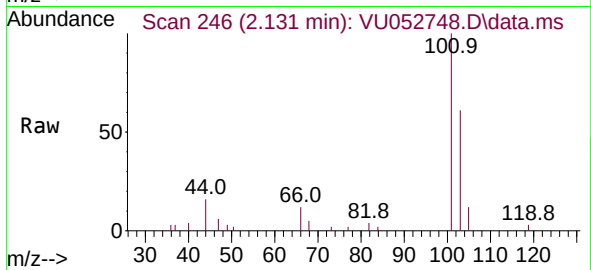




#7
Trichlorofluoromethane
Concen: 2.525 ug/l
RT: 2.131 min Scan# 248
Delta R.T. -0.006 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

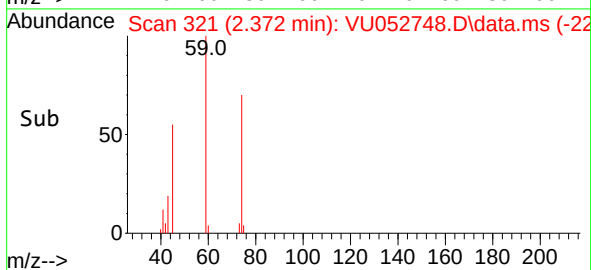
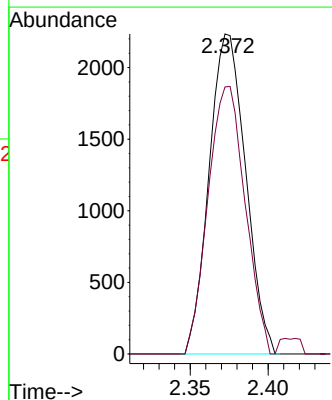
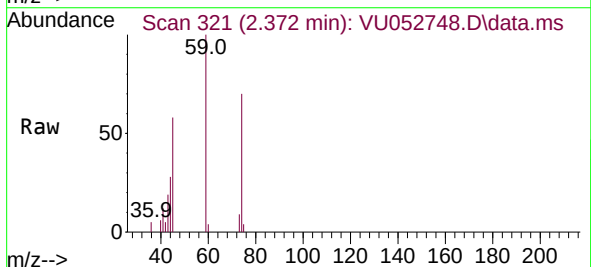
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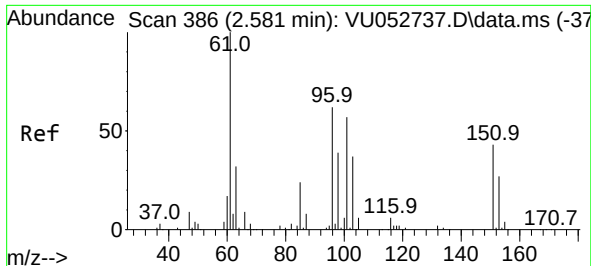
Tgt Ion:101 Resp: 9732
Ion Ratio Lower Upper
101 100
103 61.2 50.7 76.1



#8
Diethyl Ether
Concen: 2.594 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.003 min
Lab File: VU052748.D
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Tgt Ion: 74 Resp: 3639
Ion Ratio Lower Upper
74 100
45 85.0 42.4 127.3

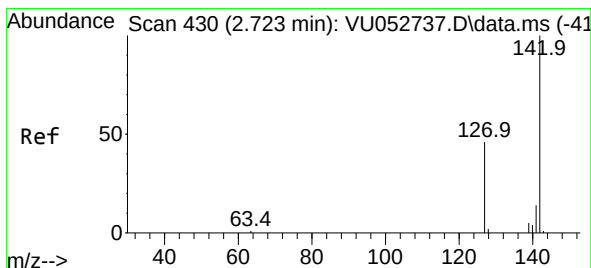
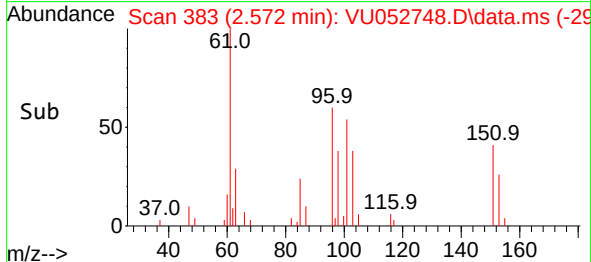
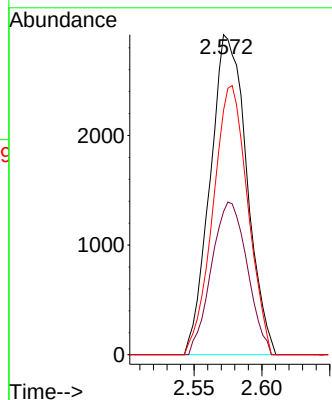
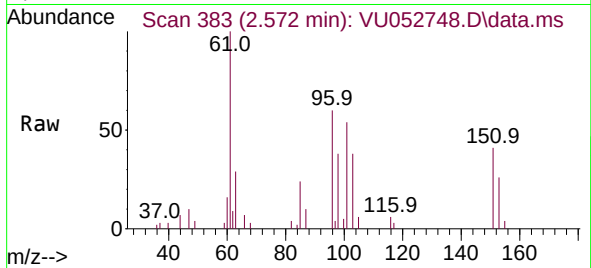




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.459 ug/l
RT: 2.572 min Scan# 386
Delta R.T. -0.009 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

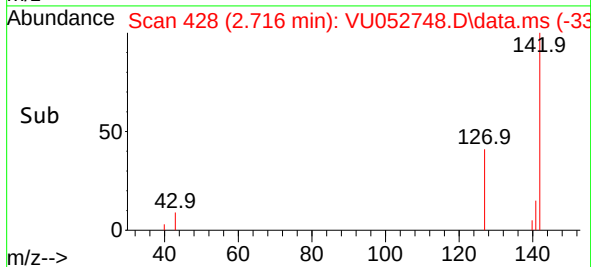
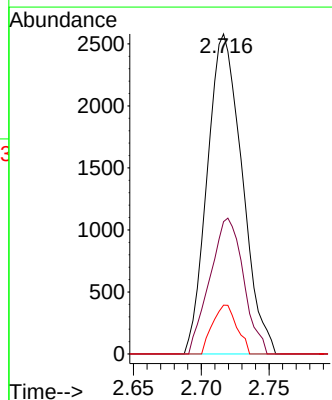
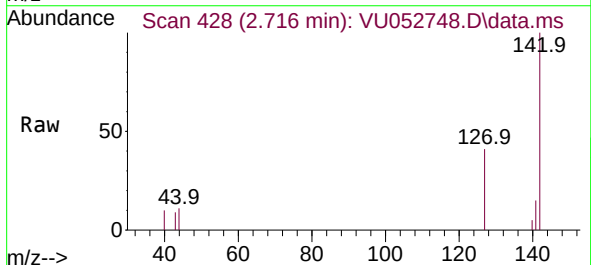
Instrument :
MSVOA_U
ClientSampleId :
MDL05

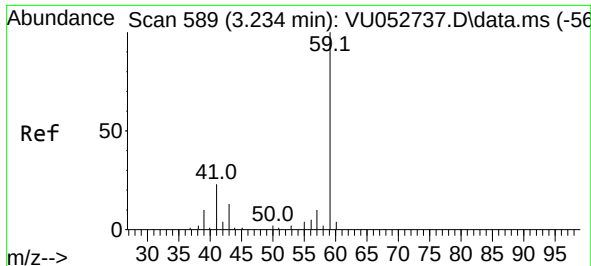
Tgt Ion:101 Resp: 5481
Ion Ratio Lower Upper
101 100
85 46.5 35.1 52.7
151 79.9 61.9 92.9



#10
Methyl Iodide
Concen: 2.509 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion:142 Resp: 4594
Ion Ratio Lower Upper
142 100
127 41.1 36.3 54.5
141 10.7 11.8 17.6#

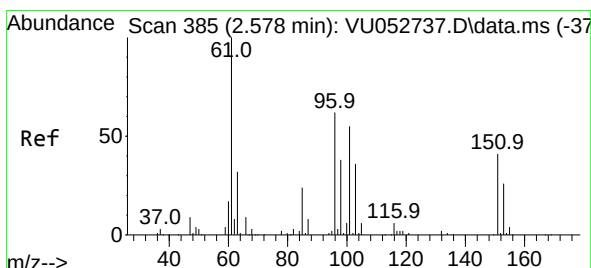
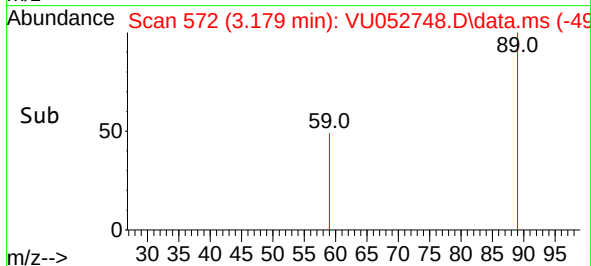
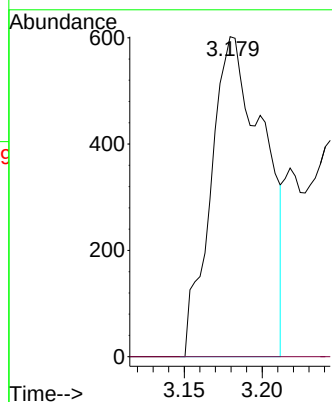
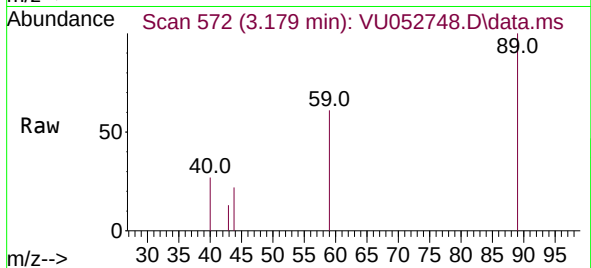




#11
Tert butyl alcohol
Concen: 2.816 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.054 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

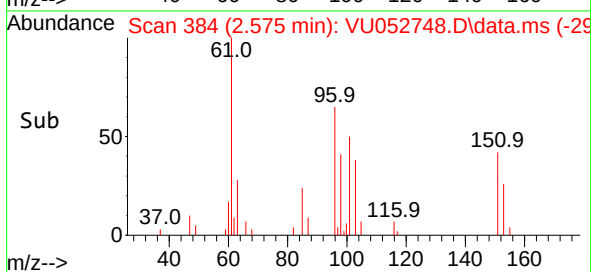
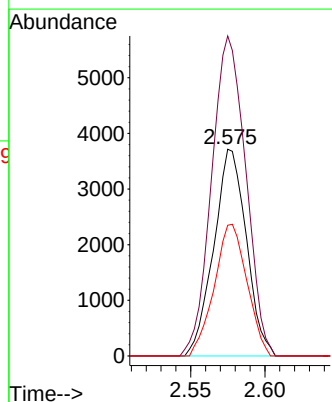
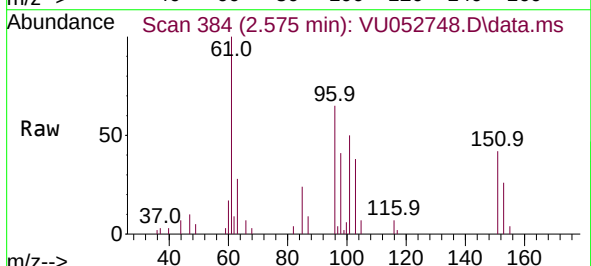
Instrument :
MSVOA_U
ClientSampleId :
MDL05

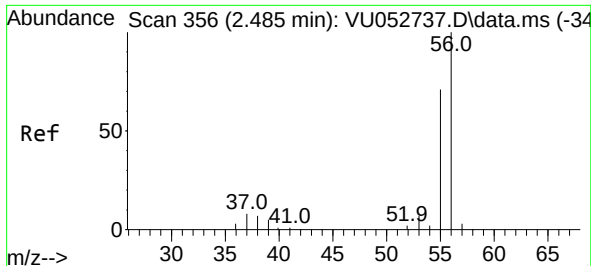
Tgt Ion: 59 Resp: 1432
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.575 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 96 Resp: 5675
Ion Ratio Lower Upper
96 100
61 154.8 129.8 194.6
98 63.2 49.9 74.9

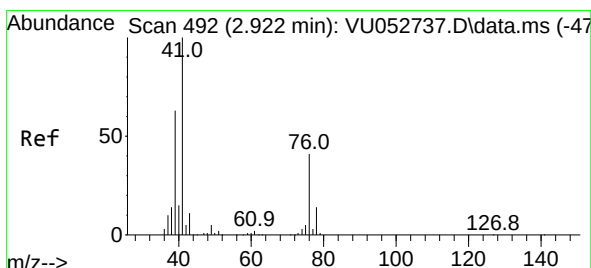
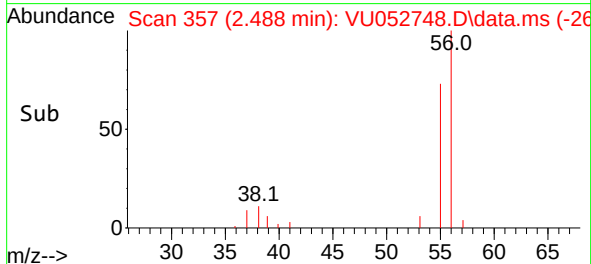
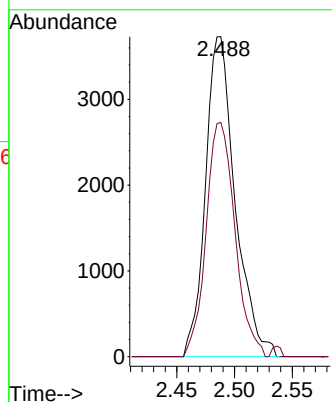
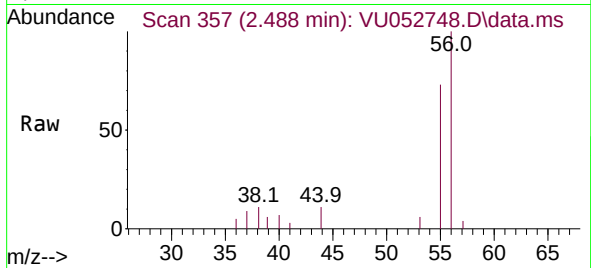




#13
Acrolein
Concen: 13.328 ug/l
RT: 2.488 min Scan# 356
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

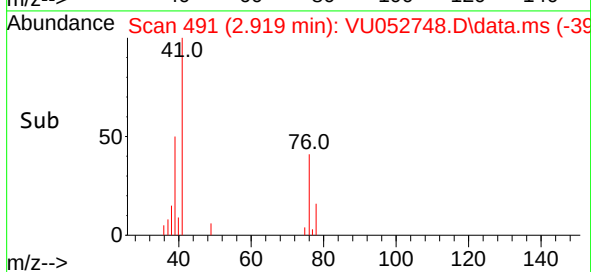
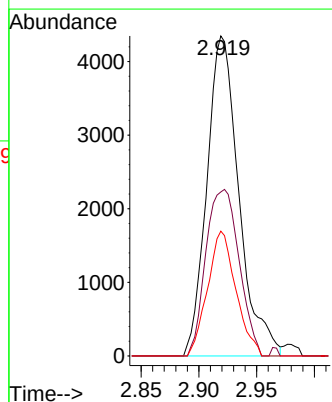
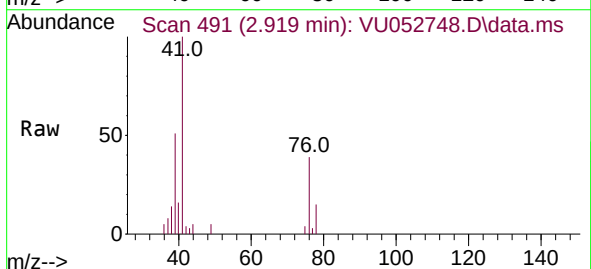
Instrument :
MSVOA_U
ClientSampleId :
MDL05

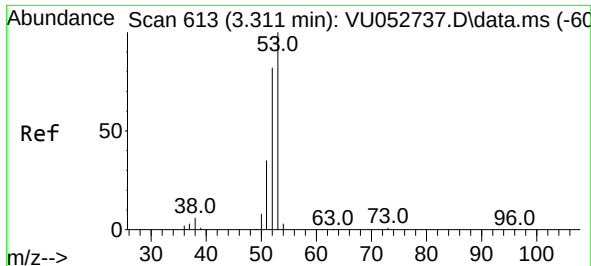
Tgt Ion: 56 Resp: 6664
Ion Ratio Lower Upper
56 100
55 71.1 57.2 85.8



#14
Allyl chloride
Concen: 2.419 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 41 Resp: 8397
Ion Ratio Lower Upper
41 100
39 54.0 48.2 72.2
76 34.5 29.4 44.0

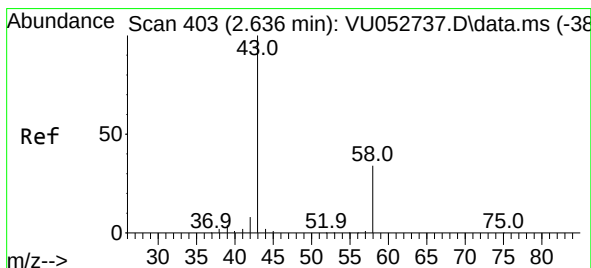
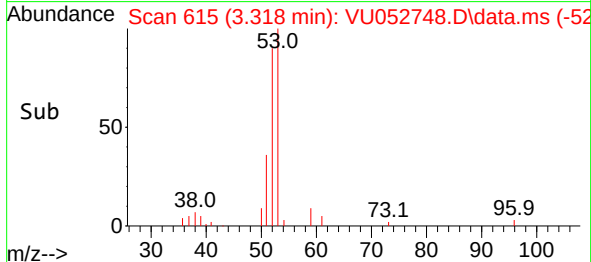
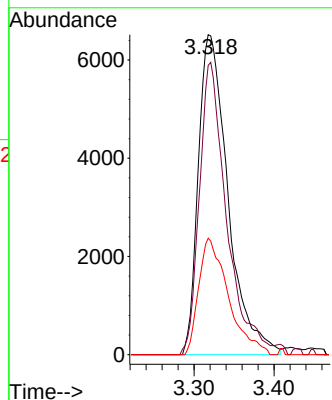
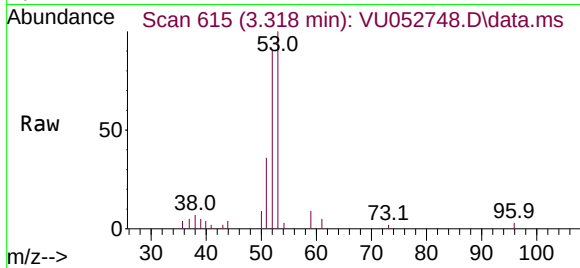




#15
Acrylonitrile
Concen: 11.991 ug/l
RT: 3.318 min Scan# 613
Delta R.T. 0.007 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

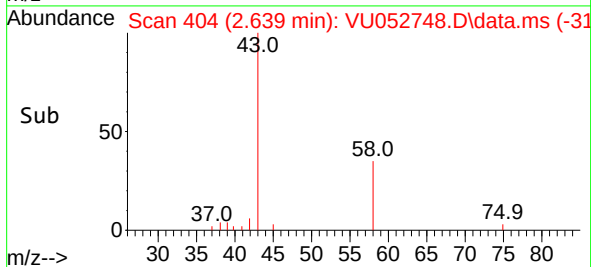
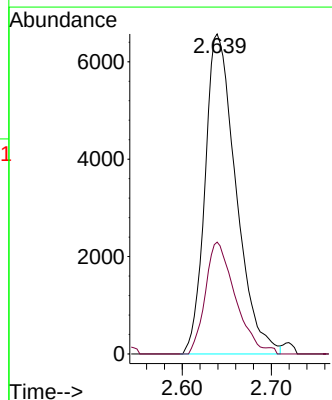
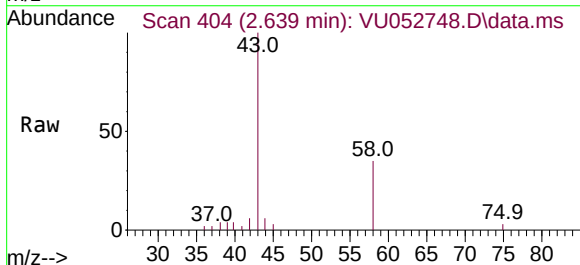
Instrument :
MSVOA_U
ClientSampleId :
MDL05

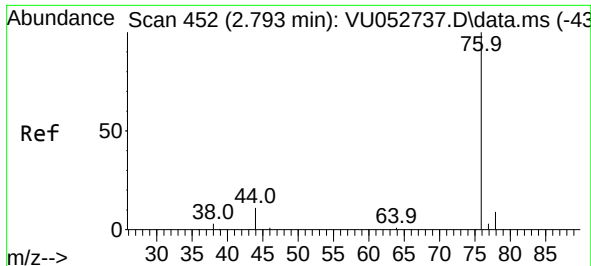
Tgt Ion: 53	Resp: 16824
Ion Ratio	Lower Upper
53	100
52	83.5 64.9 97.3
51	36.4 27.6 41.4



#16
Acetone
Concen: 11.117 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 43	Resp: 15812
Ion Ratio	Lower Upper
43	100
58	35.0 27.1 40.7

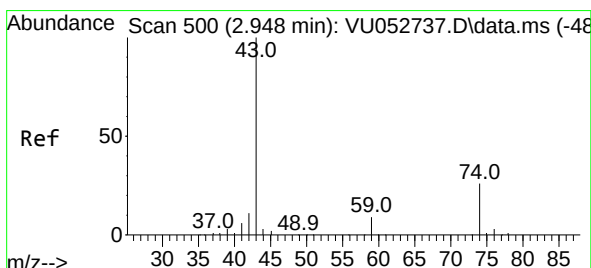
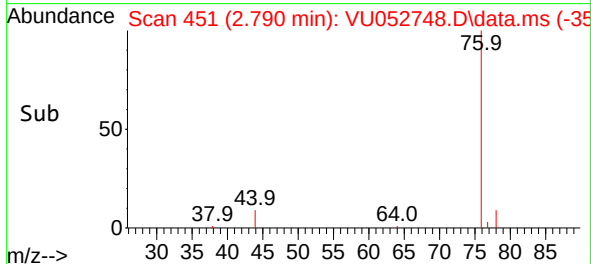
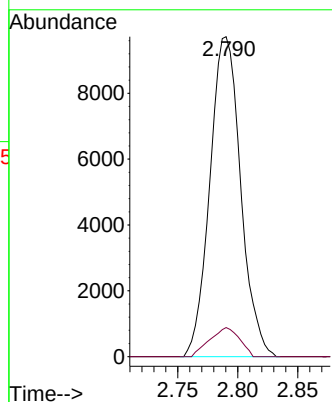
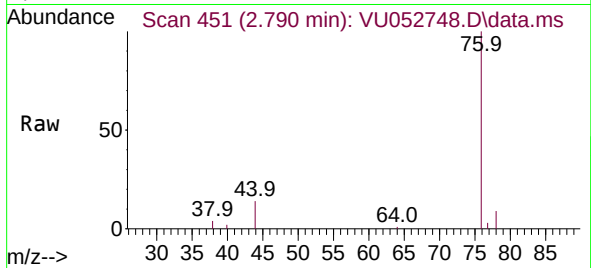




#17
Carbon Disulfide
Concen: 2.628 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

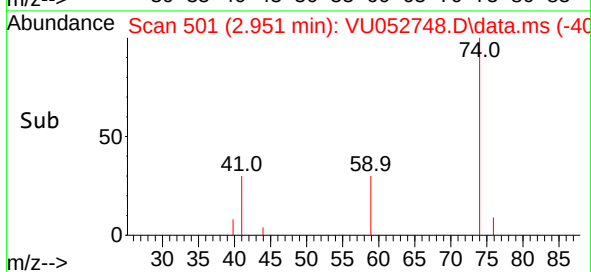
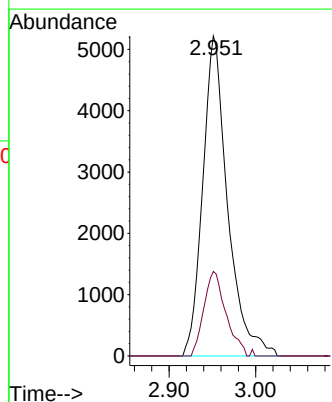
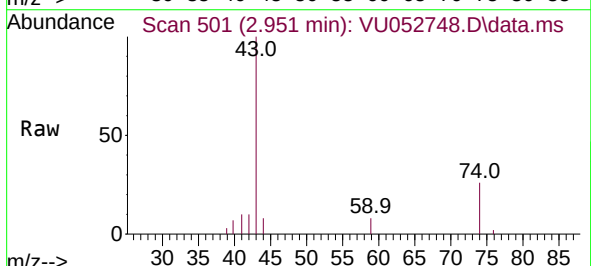
Instrument :
MSVOA_U
ClientSampleId :
MDL05

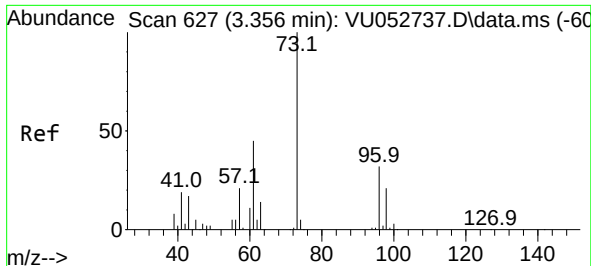
Tgt Ion: 76 Resp: 17357
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 2.648 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 43 Resp: 10424
Ion Ratio Lower Upper
43 100
74 23.3 21.1 31.7

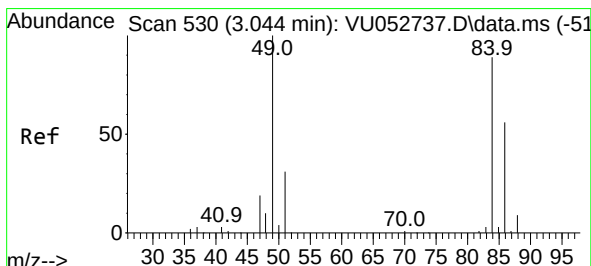
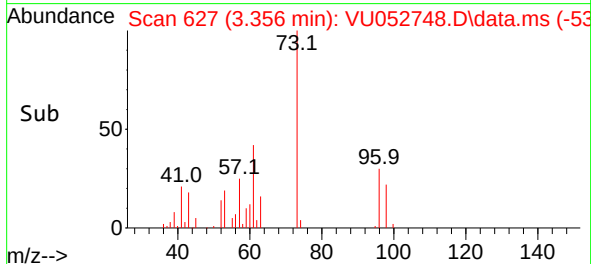
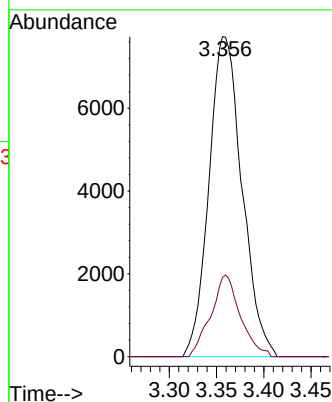
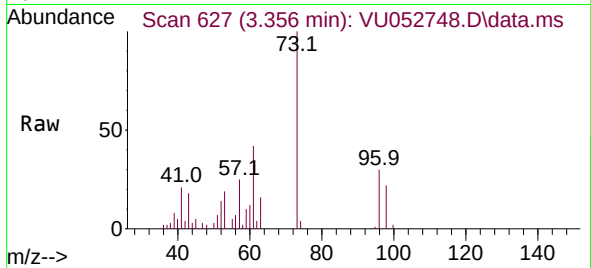




#19
Methyl tert-butyl Ether
Concen: 2.512 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

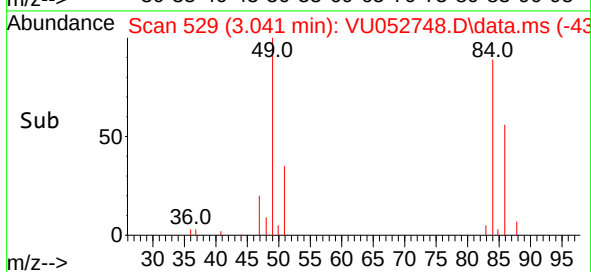
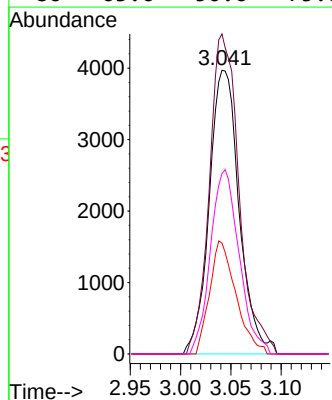
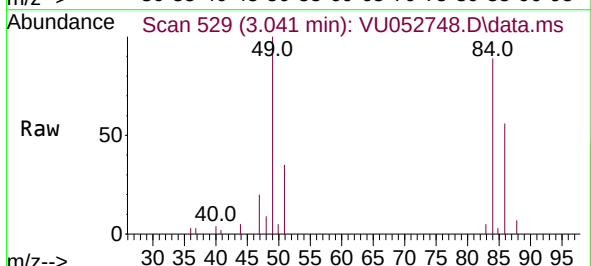
Instrument :
MSVOA_U
ClientSampleId :
MDL05

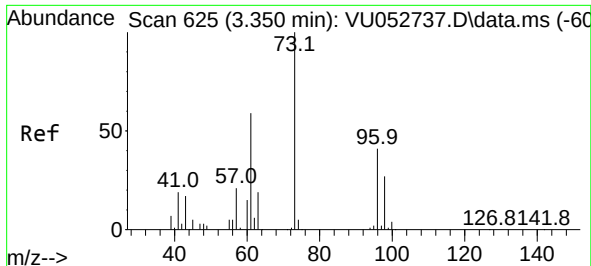
Tgt Ion: 73 Resp: 18761
Ion Ratio Lower Upper
73 100
57 24.7 16.9 25.3



#20
Methylene Chloride
Concen: 2.570 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 84 Resp: 8228
Ion Ratio Lower Upper
84 100
49 112.8 90.2 135.4
51 39.1 28.1 42.1
86 63.6 50.6 75.8

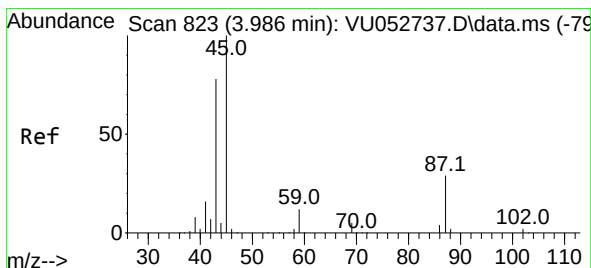
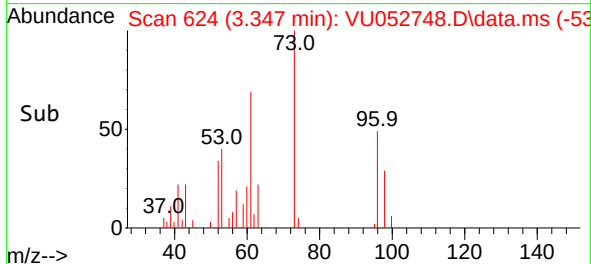
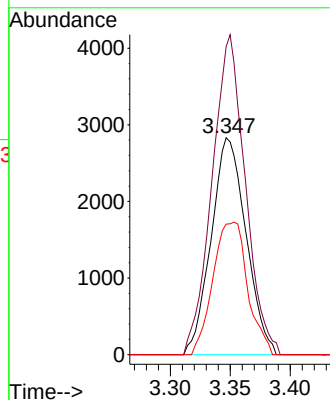
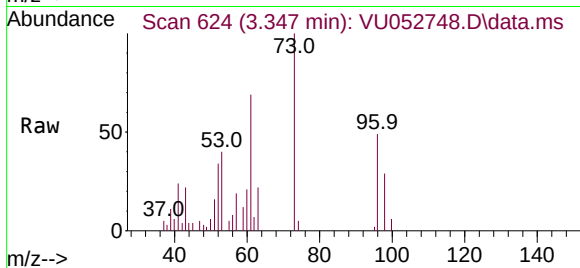




#21
trans-1,2-Dichloroethene
Concen: 2.409 ug/l
RT: 3.347 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

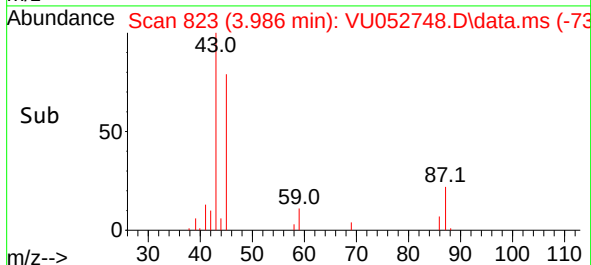
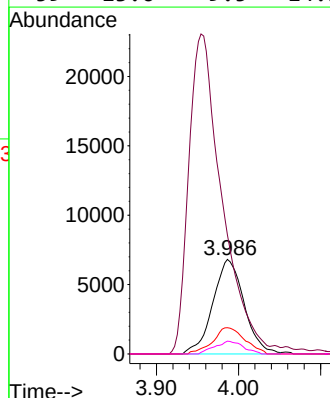
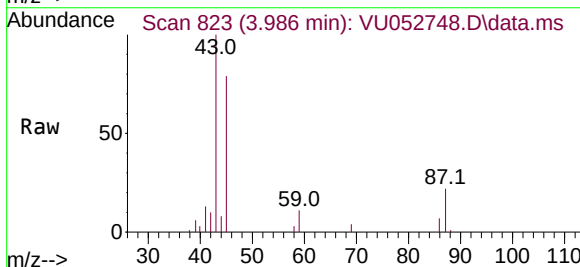
Instrument :
MSVOA_U
ClientSampleId :
MDL05

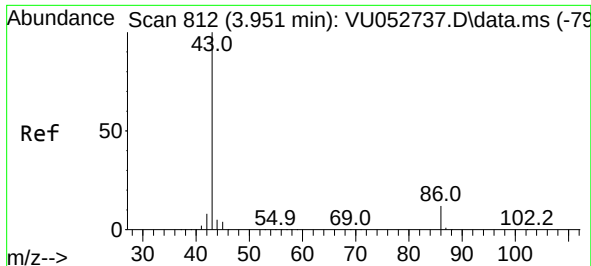
Tgt Ion: 96 Resp: 5724
Ion Ratio Lower Upper
96 100
61 141.9 114.7 172.1
98 60.1 52.4 78.6



#22
Diisopropyl ether
Concen: 2.499 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 45 Resp: 18046
Ion Ratio Lower Upper
45 100
43 119.2 64.6 97.0#
87 27.7 23.2 34.8
59 13.6 9.5 14.3

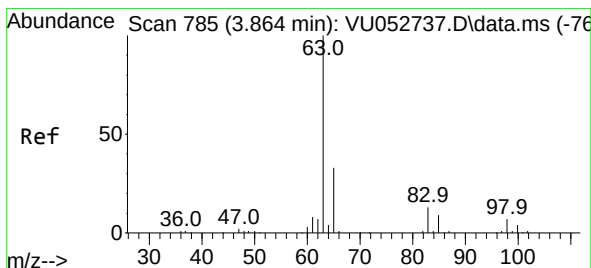
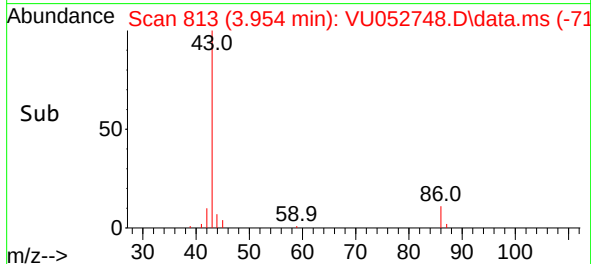
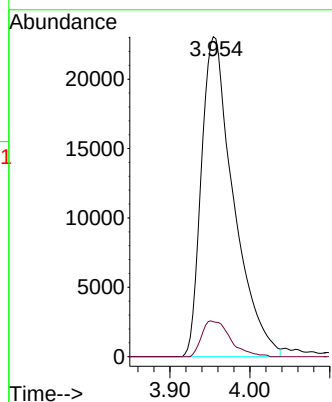
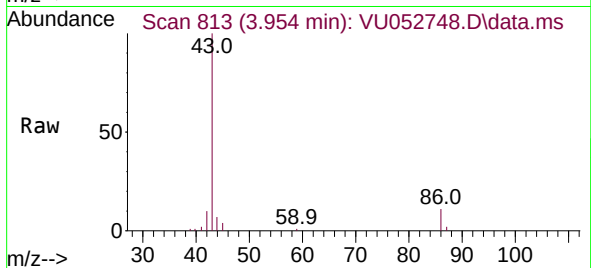




#23
 Vinyl Acetate
 Concen: 11.646 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

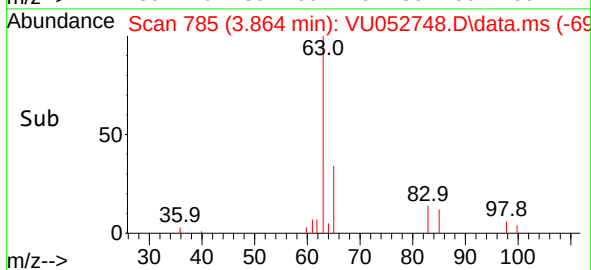
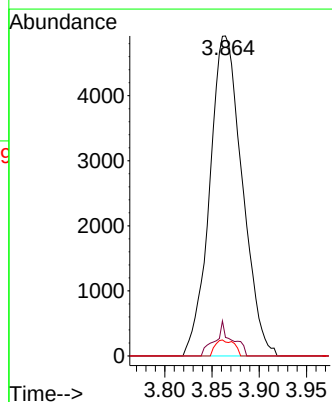
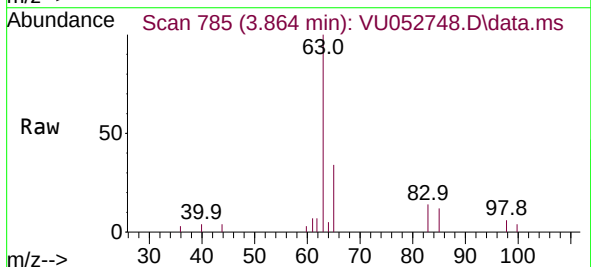
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

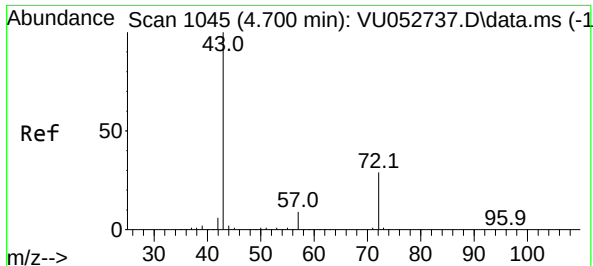
Tgt Ion: 43 Resp: 64516
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 2.573 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

Tgt Ion: 63 Resp: 11783
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 11.359 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

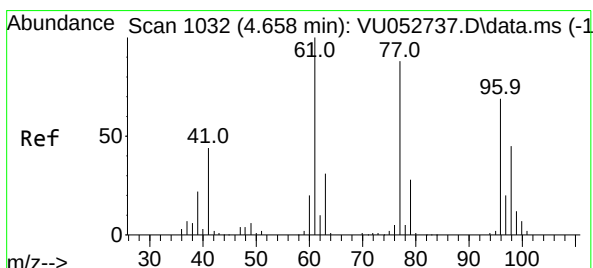
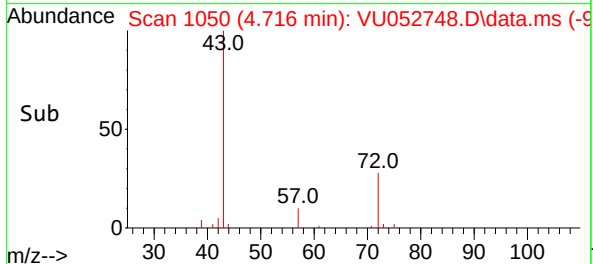
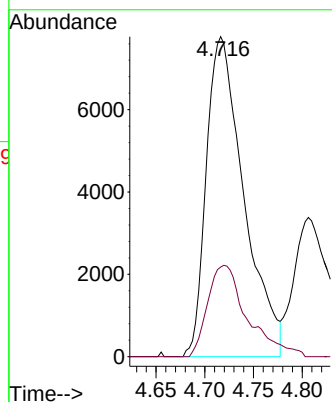
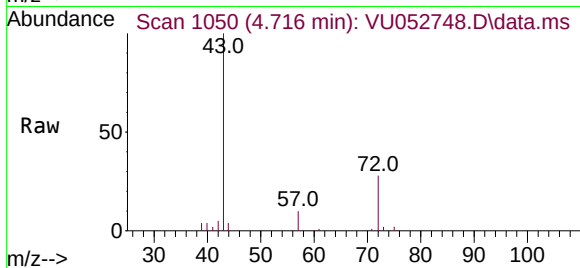
MDL05

Tgt Ion: 43 Resp: 20838

Ion Ratio Lower Upper

43 100

72 28.0 23.3 34.9



#26

2,2-Dichloropropane

Concen: 2.521 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052748.D

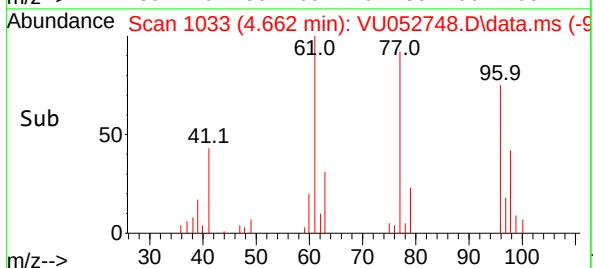
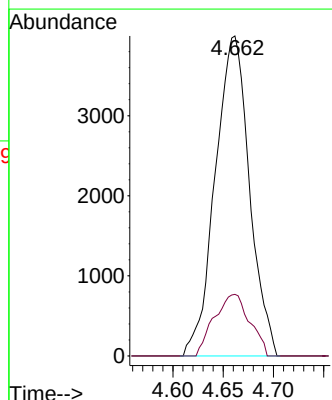
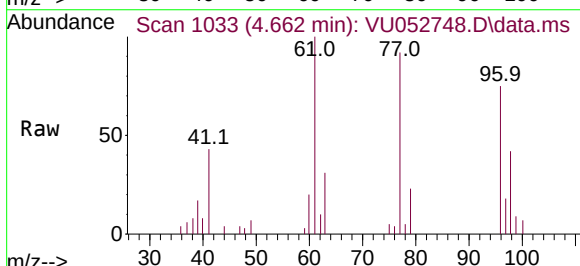
Acq: 19 Jan 2023 20:17

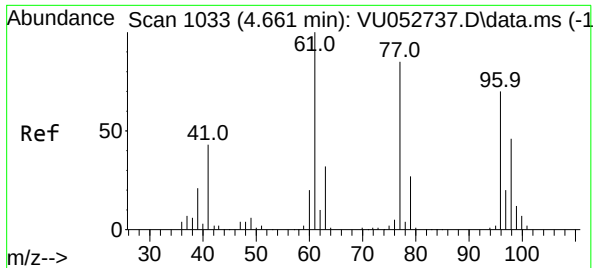
Tgt Ion: 77 Resp: 9469

Ion Ratio Lower Upper

77 100

97 19.9 11.3 33.8

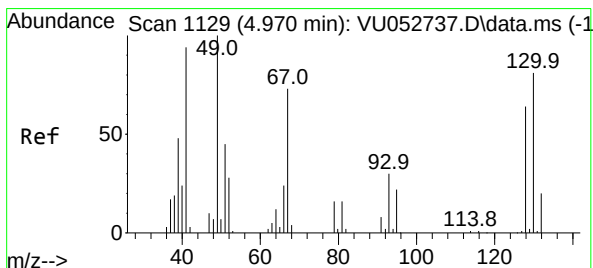
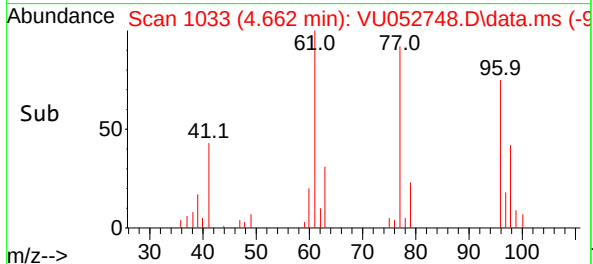
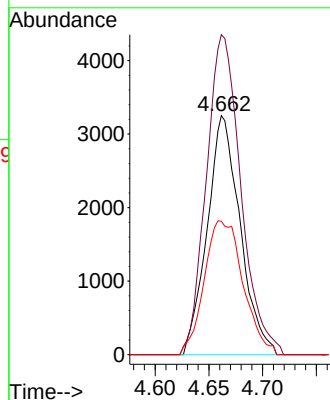
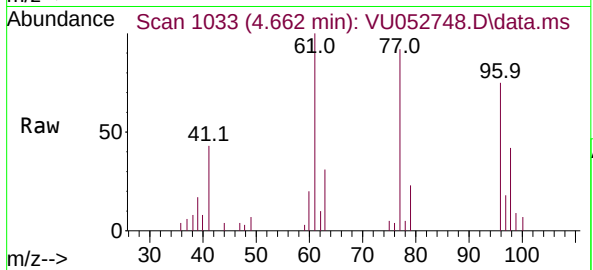




#27
 cis-1,2-Dichloroethene
 Concen: 2.657 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

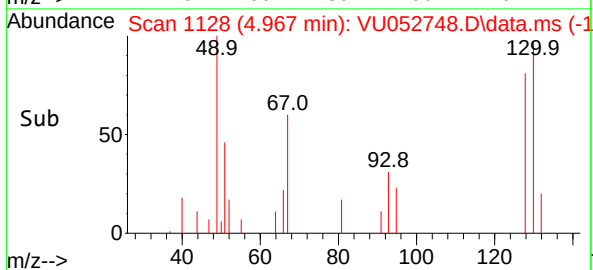
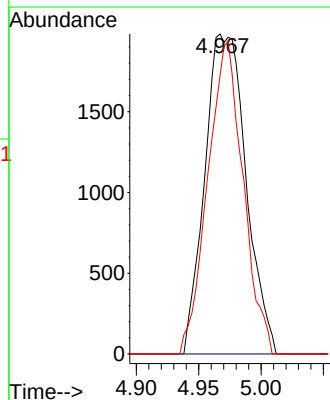
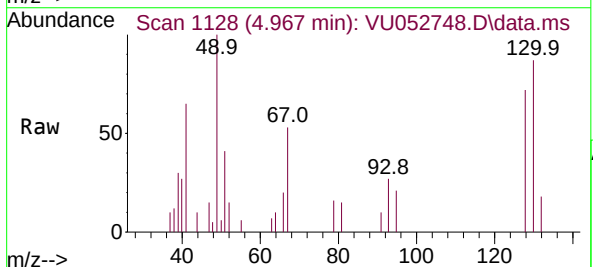
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

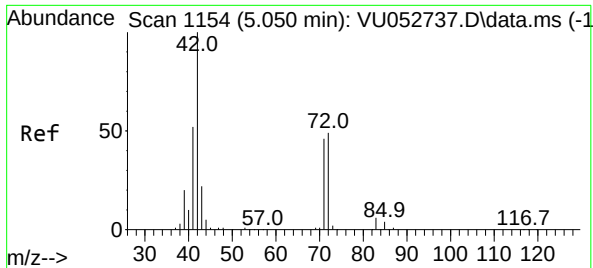
Tgt Ion: 96	Resp:	6930
Ion	Ratio	Lower Upper
96	100	
61	140.4	0.0 287.2
98	65.8	0.0 128.4



#28
 Bromochloromethane
 Concen: 2.386 ug/l
 RT: 4.967 min Scan# 1128
 Delta R.T. -0.003 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

Tgt Ion: 49	Resp:	4560
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 4.6
130	83.7	65.5 98.3





#29

Tetrahydrofuran

Concen: 12.531 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

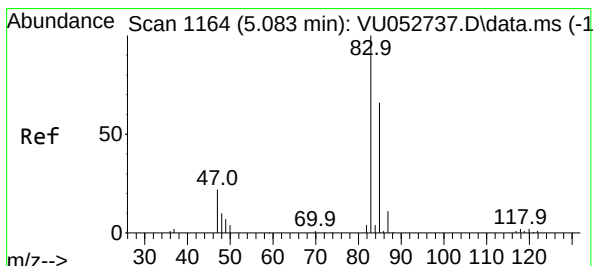
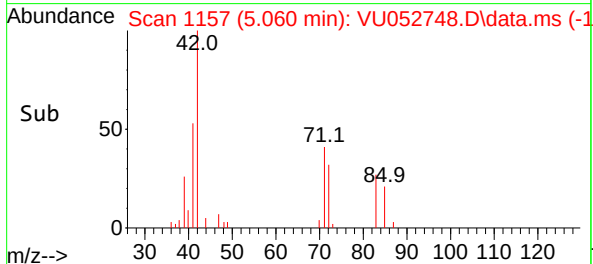
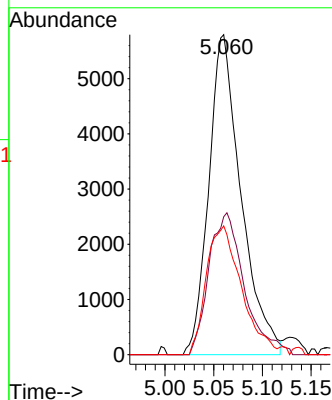
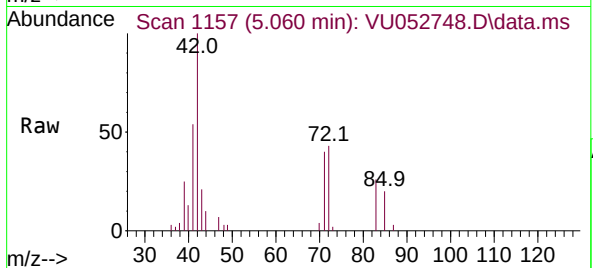
Tgt Ion: 42 Resp: 13344

Ion Ratio Lower Upper

42 100

72 48.8 40.5 60.7

71 43.8 37.4 56.0



#30

Chloroform

Concen: 2.607 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052748.D

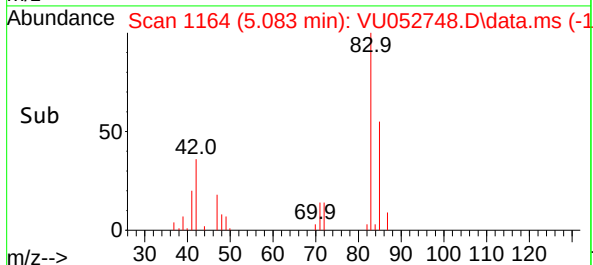
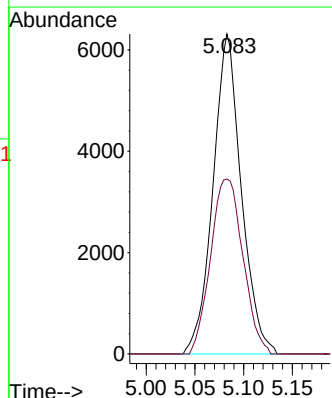
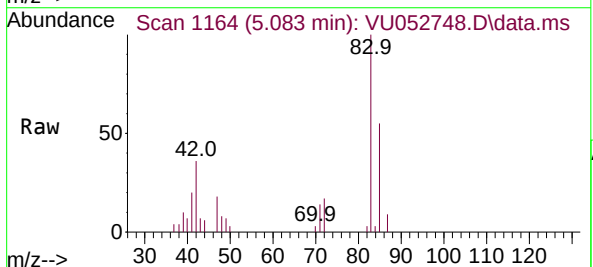
Acq: 19 Jan 2023 20:17

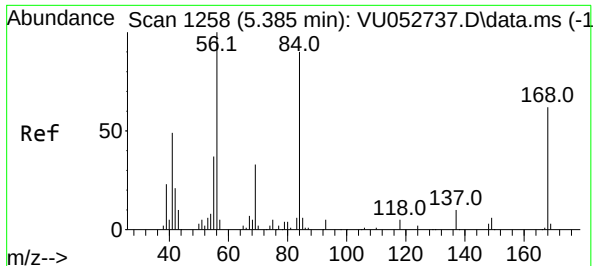
Tgt Ion: 83 Resp: 12762

Ion Ratio Lower Upper

83 100

85 54.6 52.6 79.0





#31

Cyclohexane

Concen: 3.371 ug/l

RT: 5.382 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

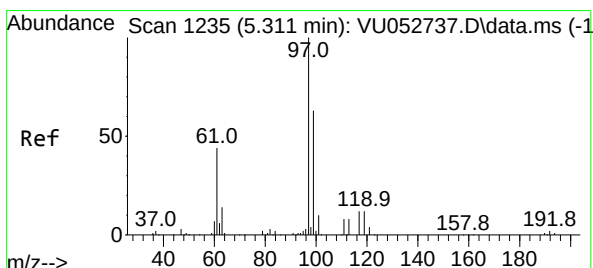
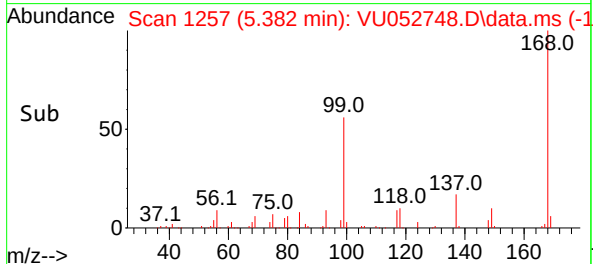
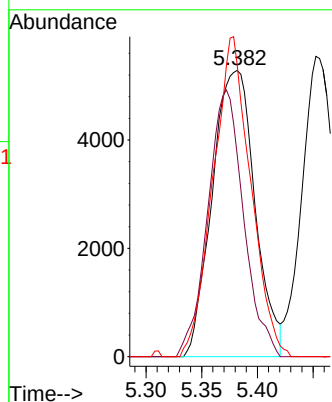
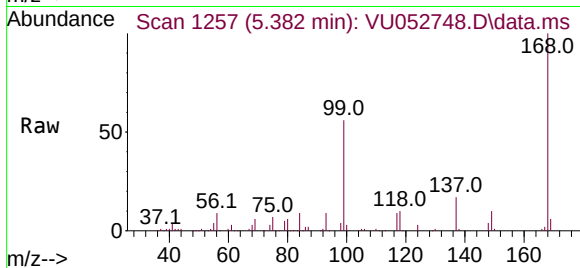
Tgt Ion: 56 Resp: 14098

Ion Ratio Lower Upper

56 100

69 70.6 26.2 39.2#

84 102.0 72.2 108.4



#32

1,1,1-Trichloroethane

Concen: 2.694 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

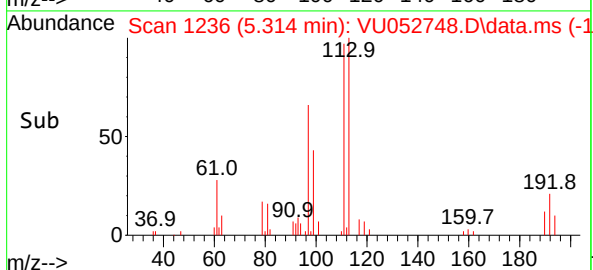
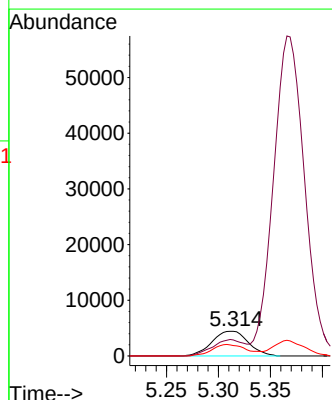
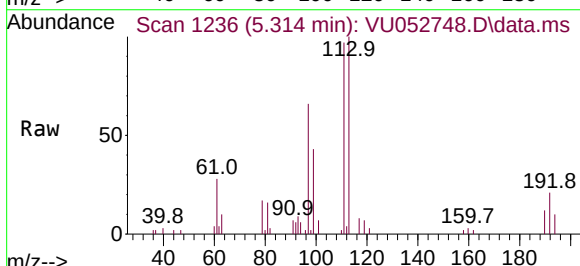
Tgt Ion: 97 Resp: 10802

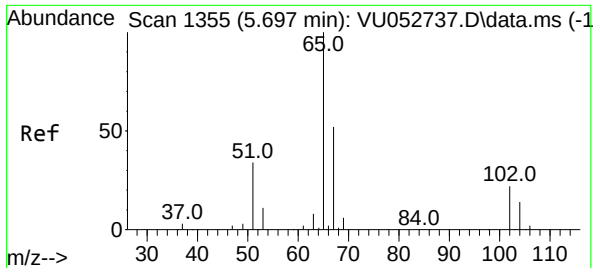
Ion Ratio Lower Upper

97 100

99 56.8 50.5 75.7

61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.489 ug/l

RT: 5.697 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

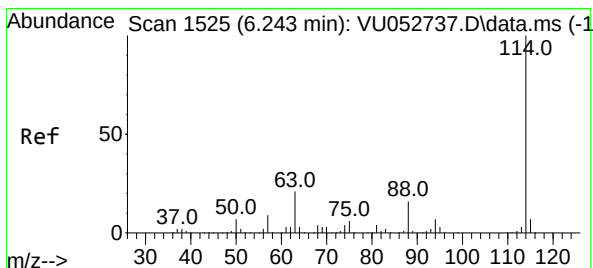
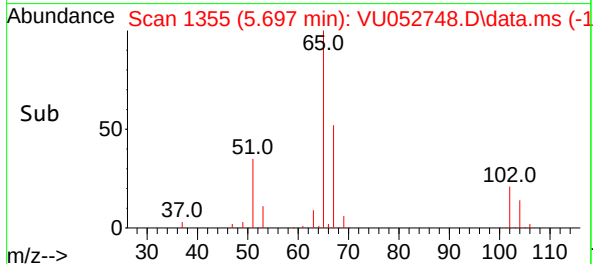
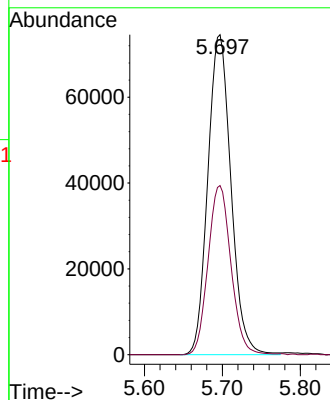
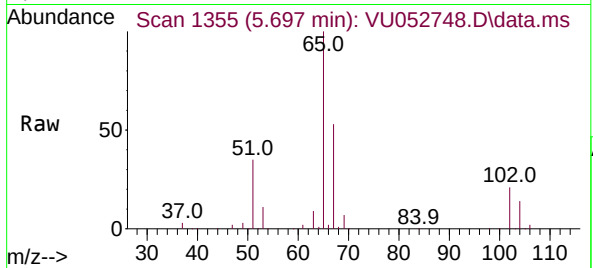
MDL05

Tgt Ion: 65 Resp: 153664

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

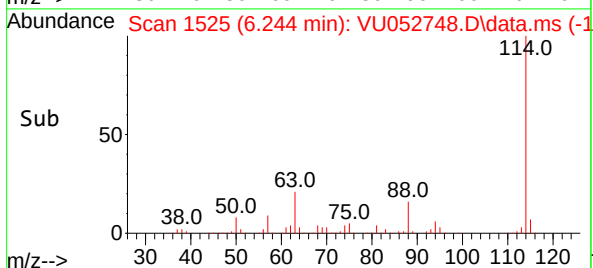
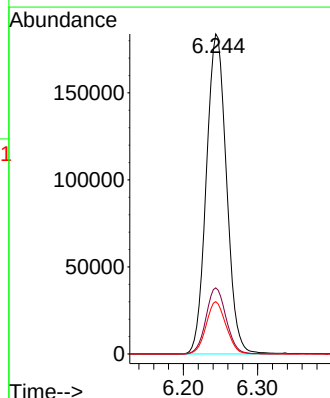
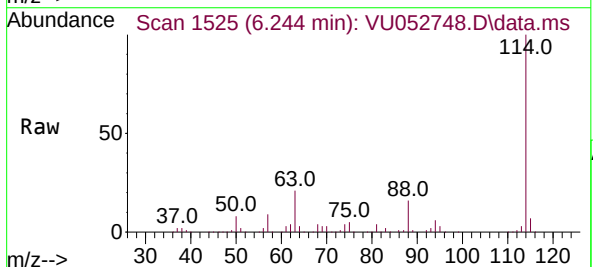
Tgt Ion: 114 Resp: 346135

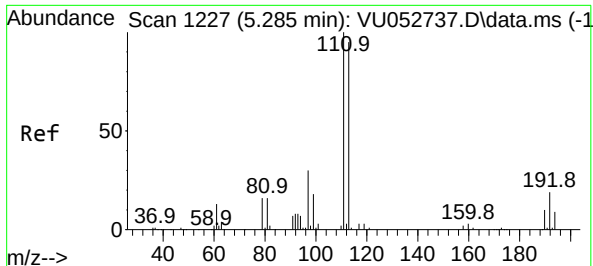
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.182 ug/l

RT: 5.282 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

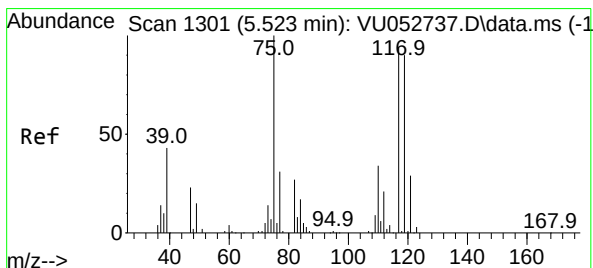
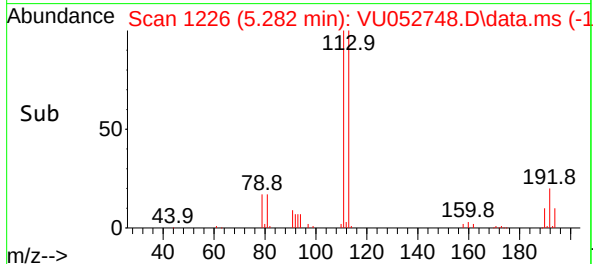
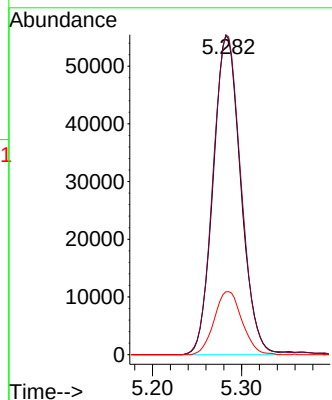
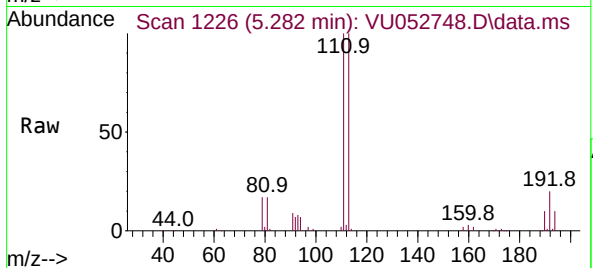
Tgt Ion:113 Resp: 118537

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 20.0 15.7 23.5



#36

1,1-Dichloropropene

Concen: 2.375 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

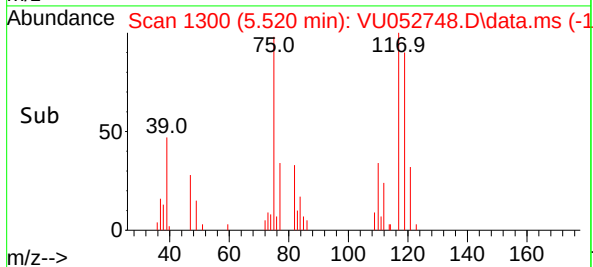
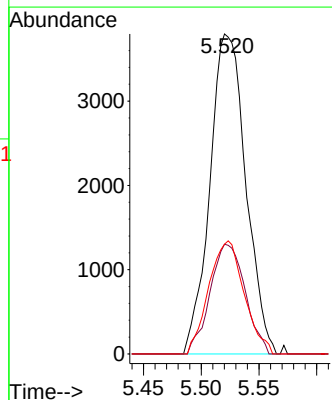
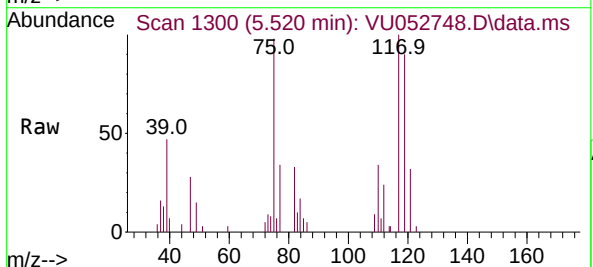
Tgt Ion: 75 Resp: 8213

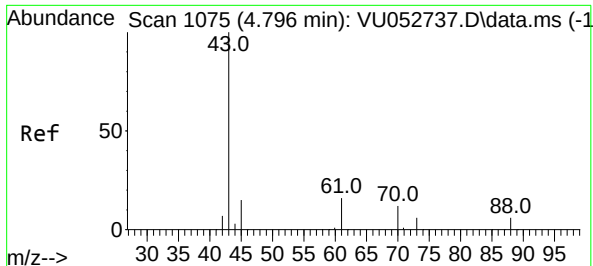
Ion Ratio Lower Upper

75 100

110 33.5 17.1 51.2

77 34.9 25.0 37.4





#37

Ethyl Acetate

Concen: 2.167 ug/l

RT: 4.806 min Scan# 1075

Delta R.T. 0.010 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

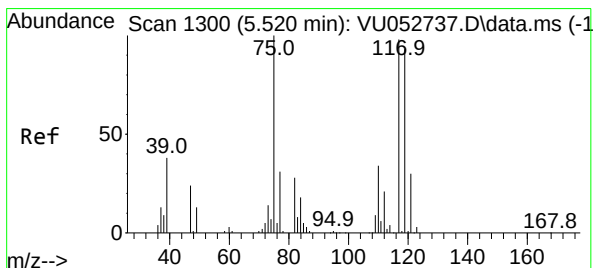
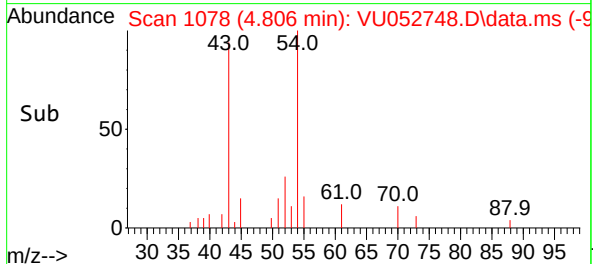
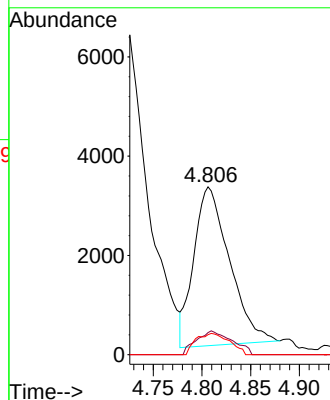
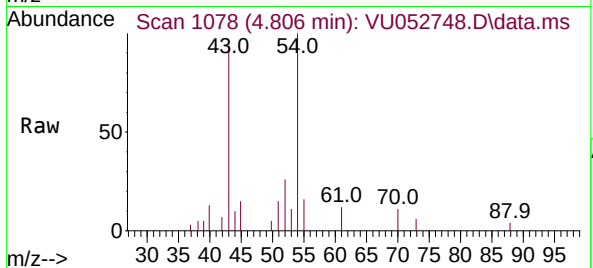
Instrument :

MSVOA_U

ClientSampleId :

MDL05

Tgt Ion:	43	Resp:	8145
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.4
70	12.6	8.9	13.3



#38

Carbon Tetrachloride

Concen: 2.185 ug/l

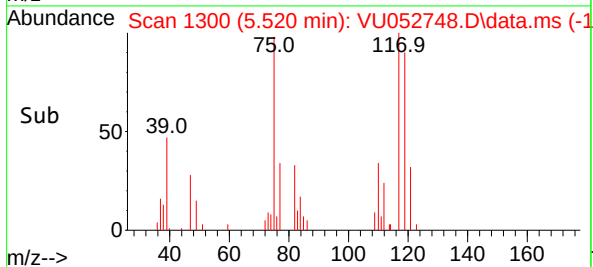
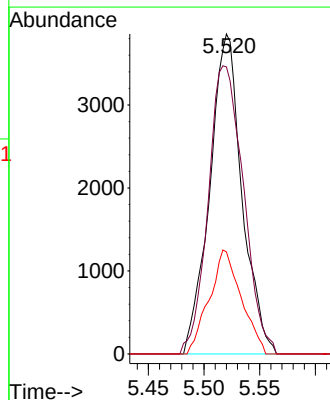
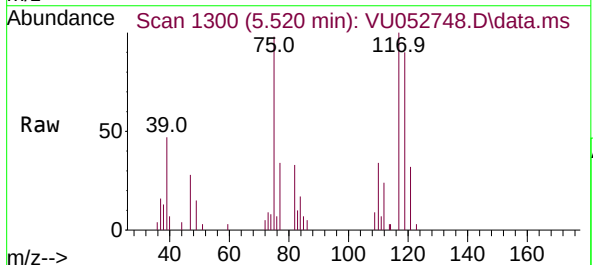
RT: 5.520 min Scan# 1300

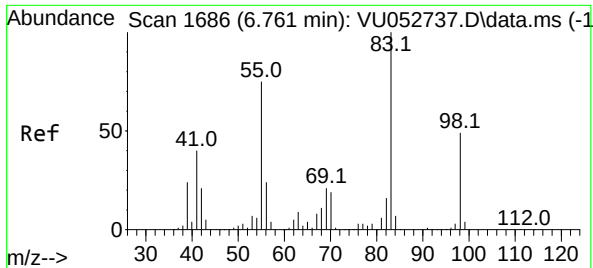
Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Tgt Ion:	117	Resp:	7773
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.6	113.4
121	31.9	24.2	36.4





#39

Methylcyclohexane

Concen: 2.289 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

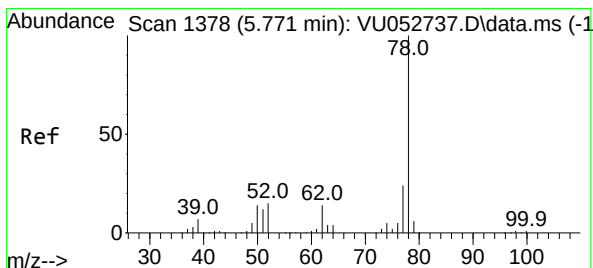
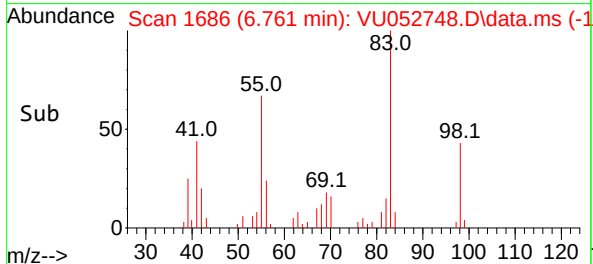
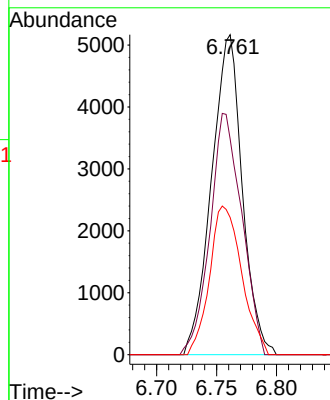
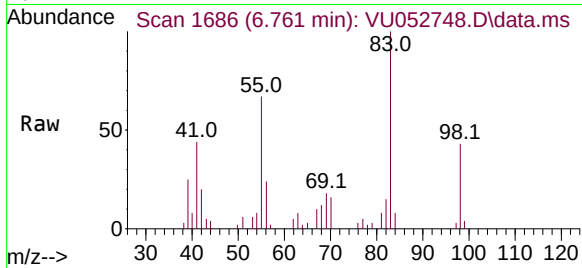
Tgt Ion: 83 Resp: 9212

Ion Ratio Lower Upper

83 100

55 67.5 60.4 90.6

98 42.9 38.9 58.3



#40

Benzene

Concen: 2.544 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052748.D

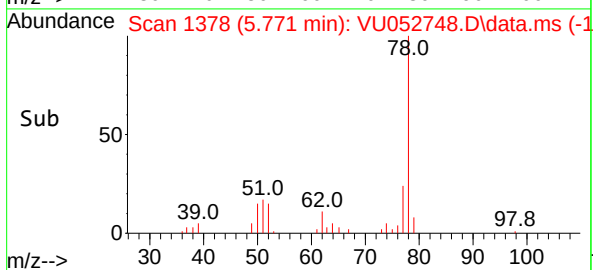
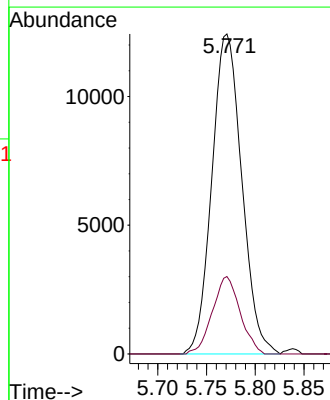
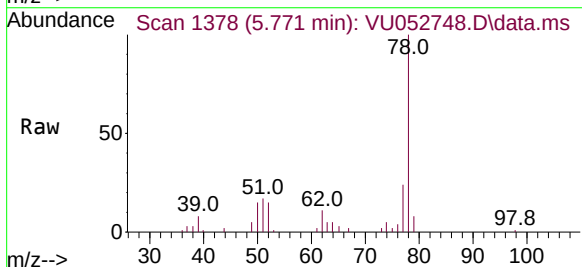
Acq: 19 Jan 2023 20:17

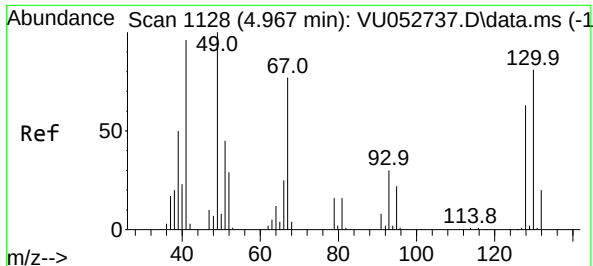
Tgt Ion: 78 Resp: 26568

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3



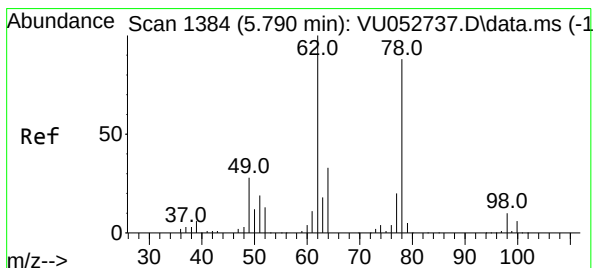
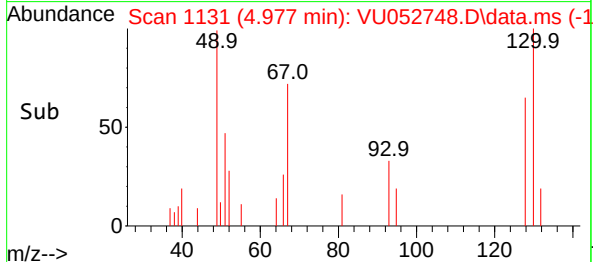
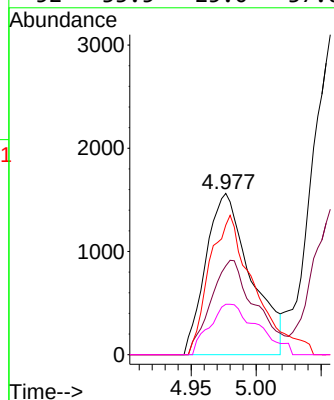
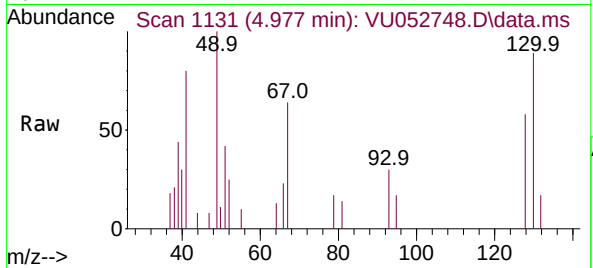


#41
Methacrylonitrile
Concen: 2.062 ug/l
RT: 4.977 min Scan# 1128
Delta R.T. 0.010 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 41 Resp: 3750

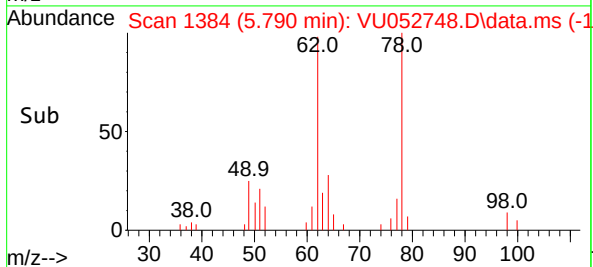
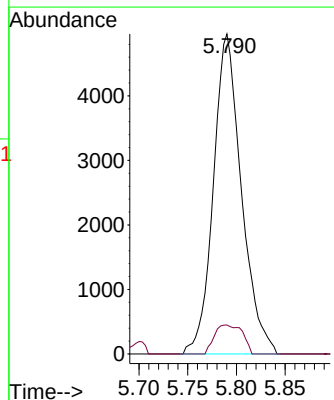
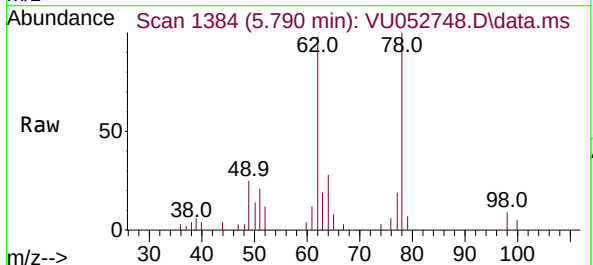
Ion	Ratio	Lower	Upper
41	100		
39	59.0	42.2	63.2
67	86.7	65.0	97.6
52	33.5	25.0	37.6

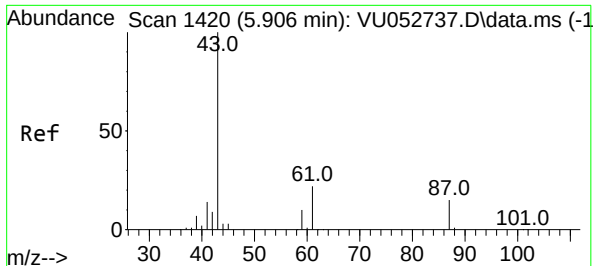


#42
1,2-Dichloroethane
Concen: 2.631 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 62 Resp: 9920

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 2.413 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.007 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

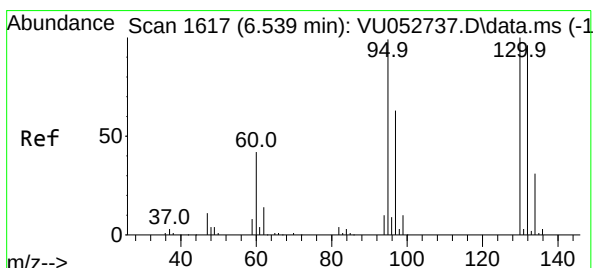
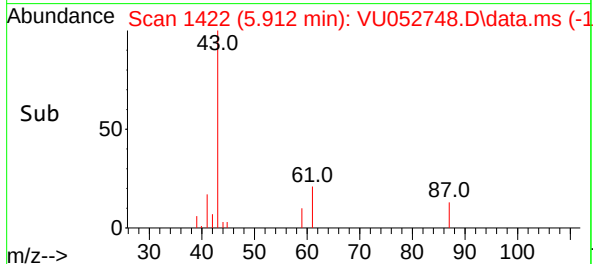
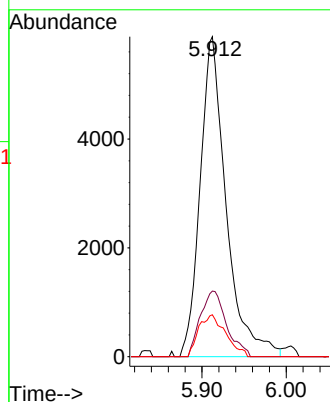
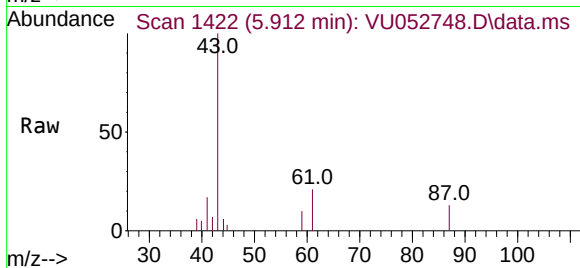
Tgt Ion: 43 Resp: 12642

Ion Ratio Lower Upper

43 100

61 20.6 18.1 27.1

87 13.6 11.7 17.5



#44

Trichloroethene

Concen: 2.428 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU052748.D

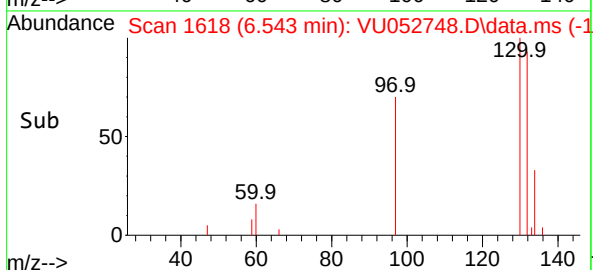
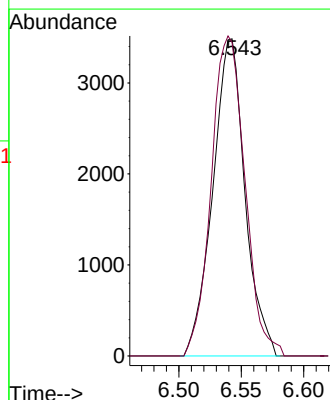
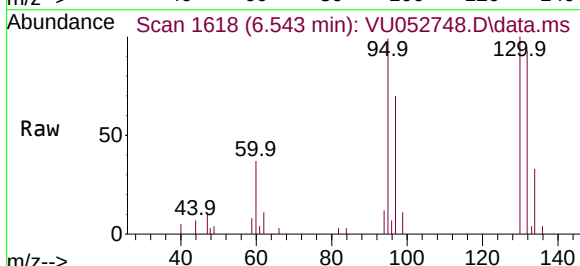
Acq: 19 Jan 2023 20:17

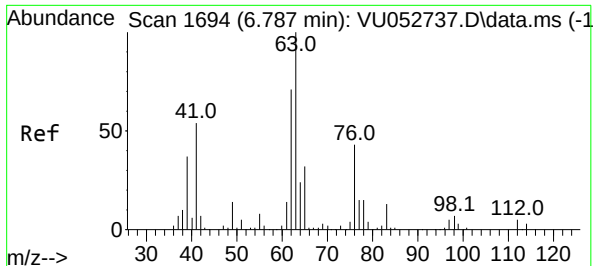
Tgt Ion: 130 Resp: 6271

Ion Ratio Lower Upper

130 100

95 98.9 0.0 198.2





#45

1,2-Dichloropropane

Concen: 2.460 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

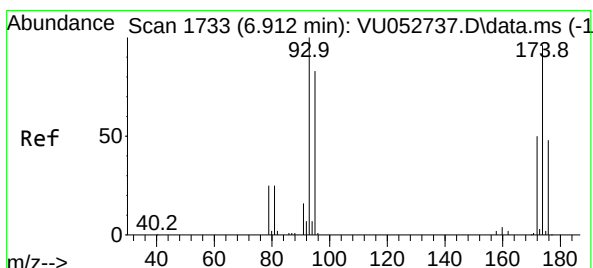
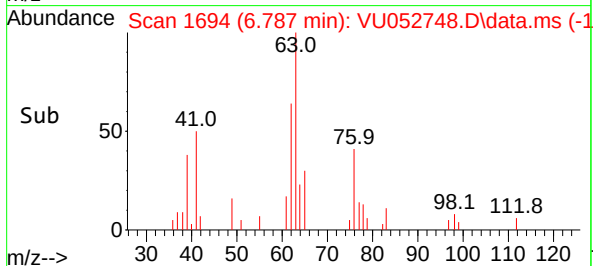
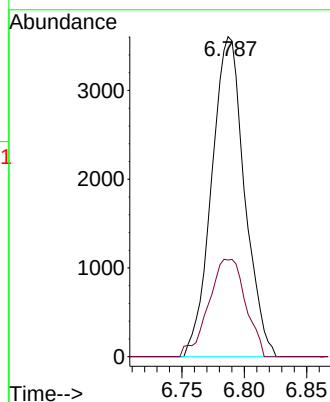
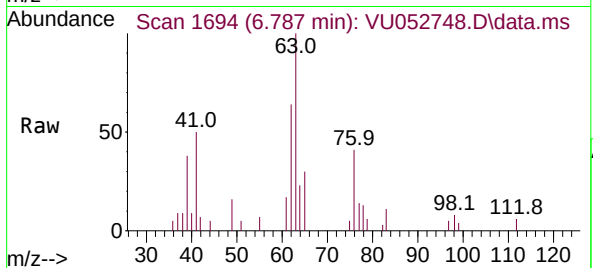
MDL05

Tgt Ion: 63 Resp: 6625

Ion Ratio Lower Upper

63 100

65 30.2 26.0 39.0



#46

Dibromomethane

Concen: 2.385 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

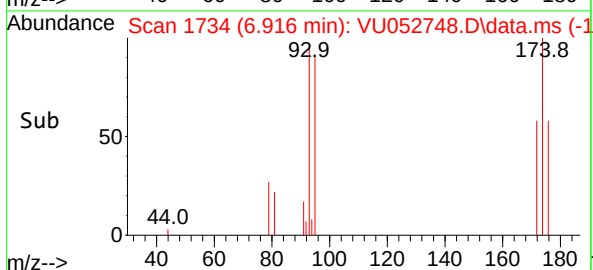
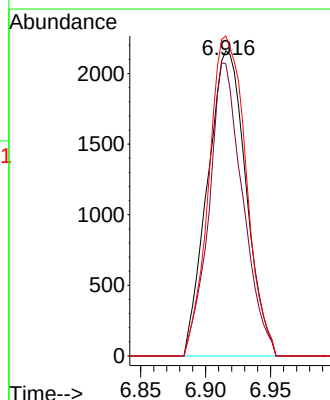
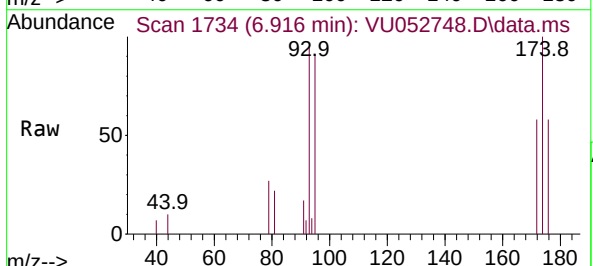
Tgt Ion: 93 Resp: 4448

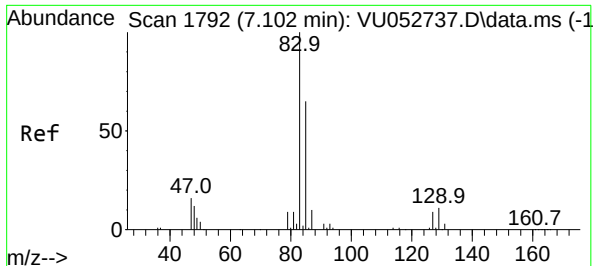
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 101.5 78.6 117.8

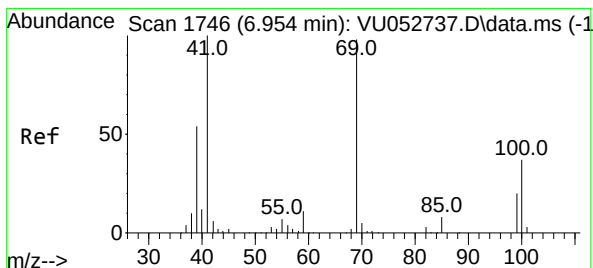
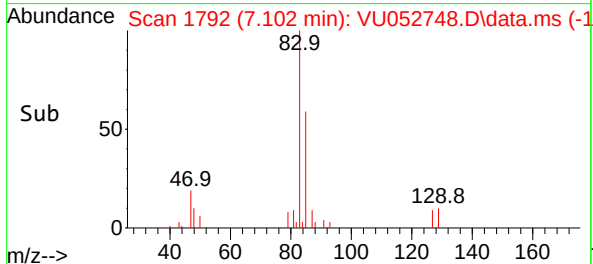
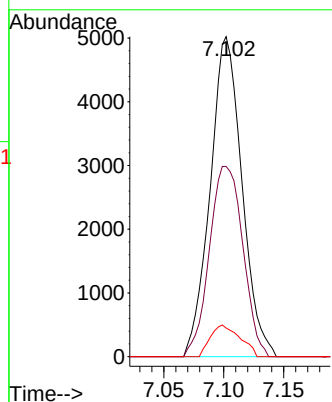
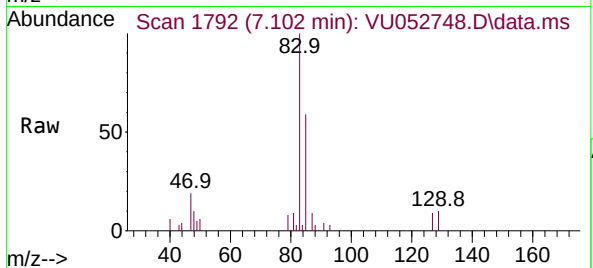




#47
Bromodichloromethane
Concen: 2.481 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

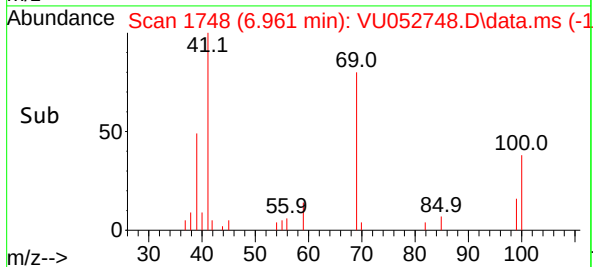
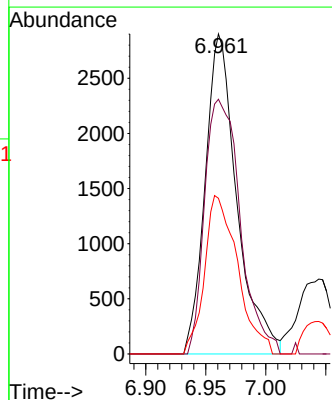
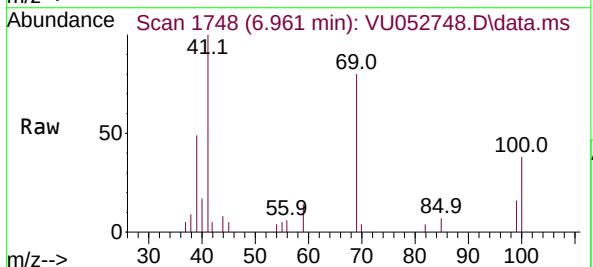
Instrument :
MSVOA_U
ClientSampleId :
MDL05

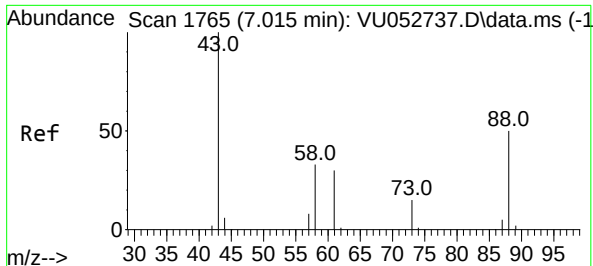
Tgt Ion: 83 Resp: 9258
Ion Ratio Lower Upper
83 100
85 59.5 51.6 77.4
127 8.9 6.9 10.3



#48
Methyl methacrylate
Concen: 2.231 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.007 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 41 Resp: 5326
Ion Ratio Lower Upper
41 100
69 89.4 77.2 115.8
39 51.6 42.9 64.3





#49

1,4-Dioxane

Concen: 29.568 ug/l

RT: 7.035 min Scan# 1

Delta R.T. 0.020 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

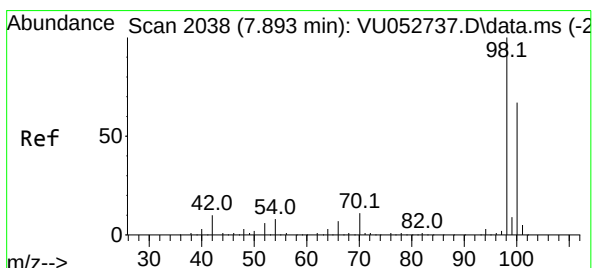
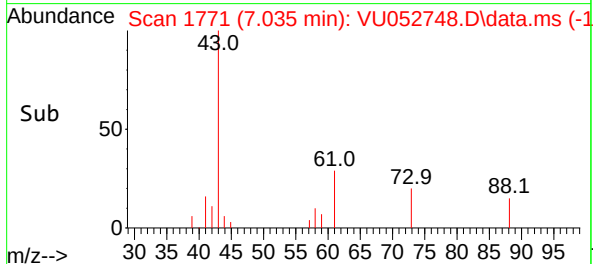
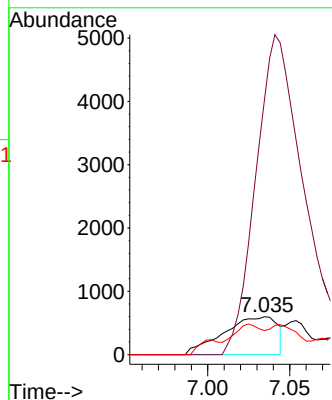
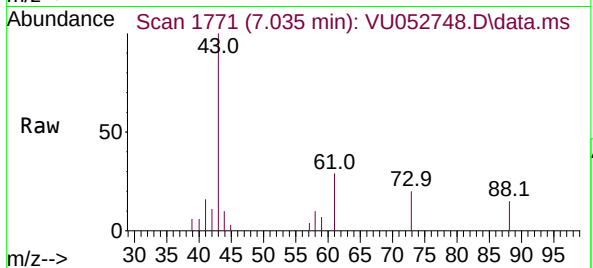
Tgt Ion: 88 Resp: 1368

Ion Ratio Lower Upper

88 100

43 782.2 374.7 562.1#

58 22.7 59.2 88.8#



#50

Toluene-d8

Concen: 47.696 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052748.D

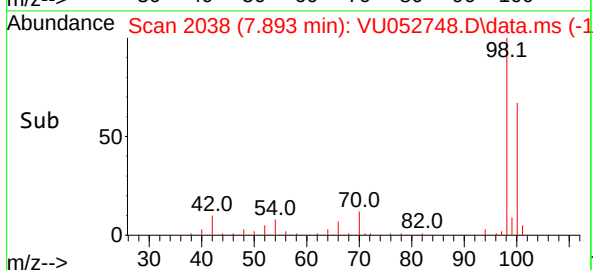
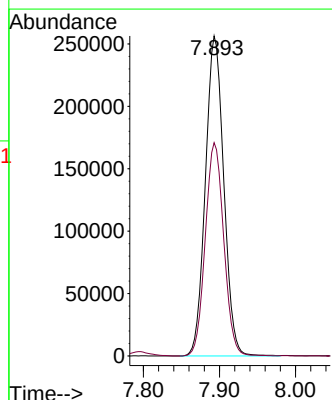
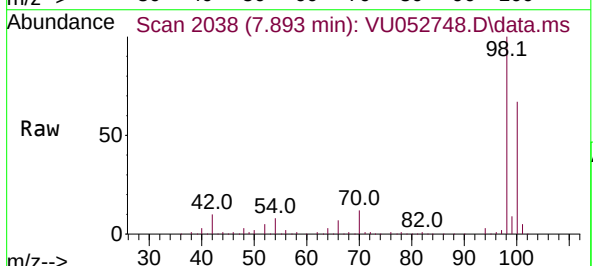
Acq: 19 Jan 2023 20:17

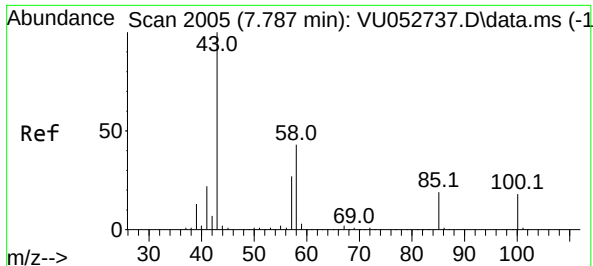
Tgt Ion: 98 Resp: 431109

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5

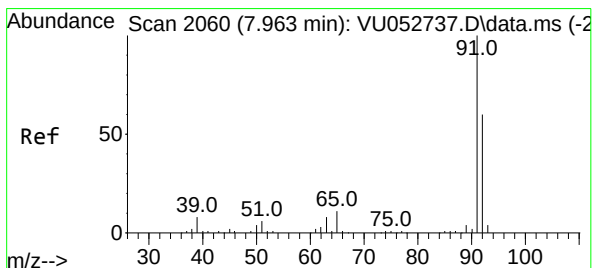
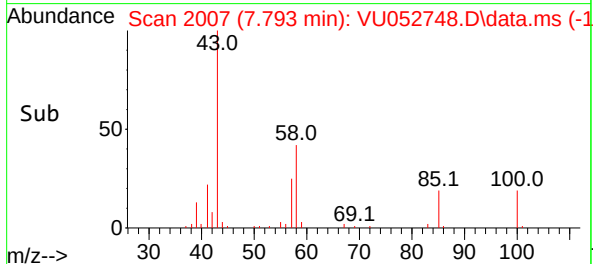
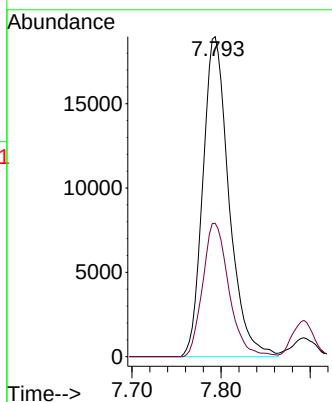
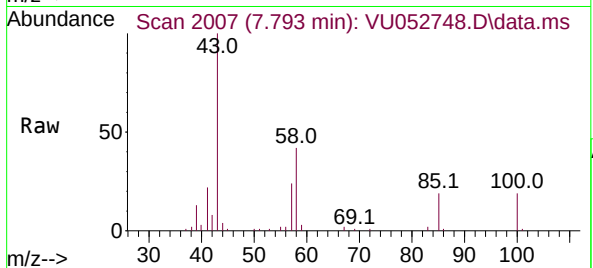




#51
4-Methyl-2-Pentanone
Concen: 11.383 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.007 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

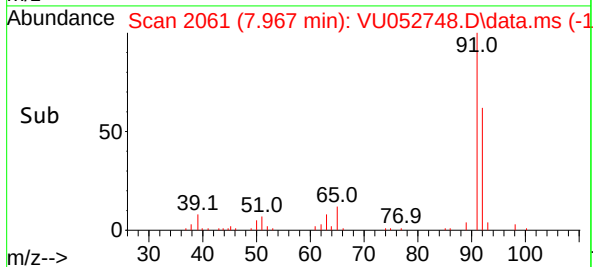
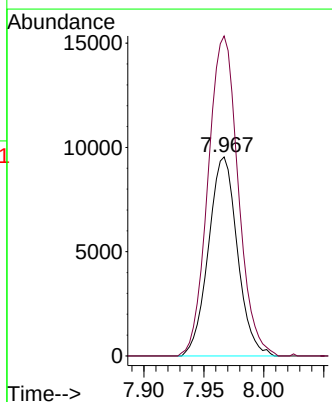
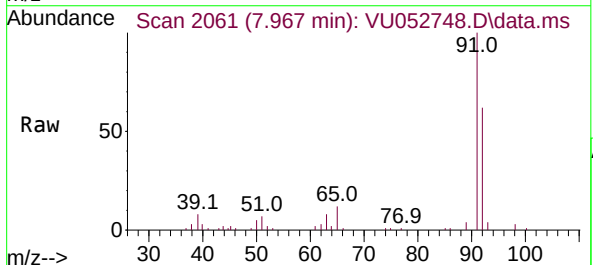
Instrument :
MSVOA_U
ClientSampleId :
MDL05

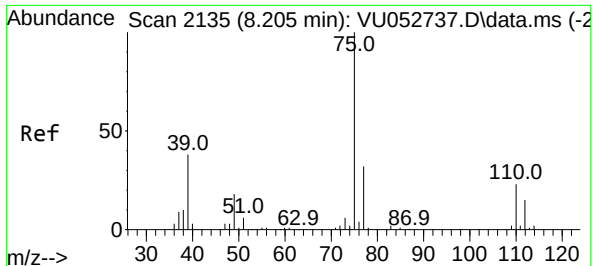
Tgt Ion: 43 Resp: 38604
Ion Ratio Lower Upper
43 100
58 41.9 34.6 52.0



#52
Toluene
Concen: 2.534 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 92 Resp: 16005
Ion Ratio Lower Upper
92 100
91 167.5 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 2.117 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

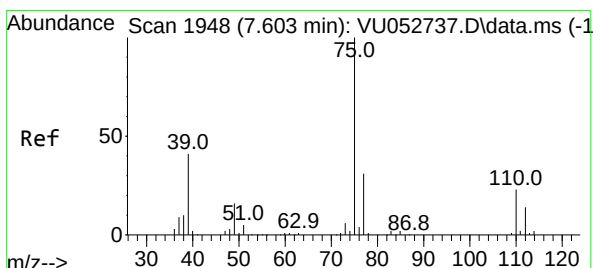
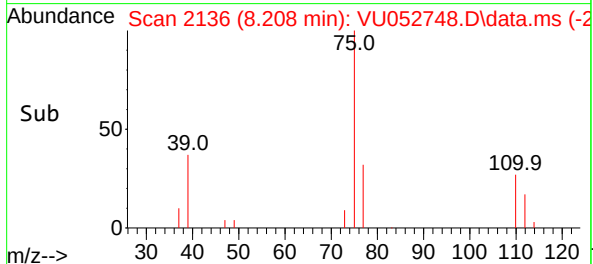
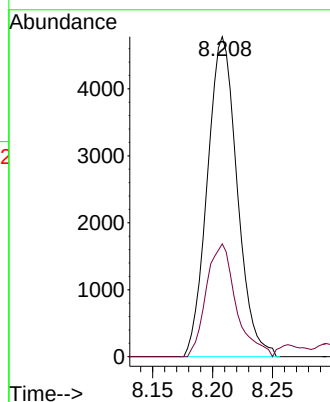
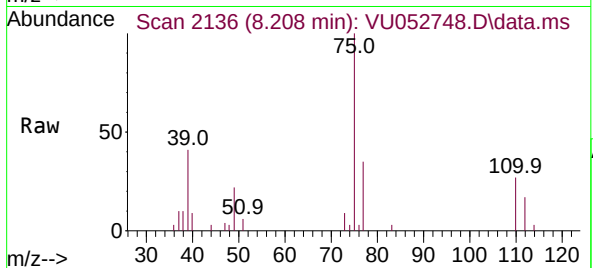
MDL05

Tgt Ion: 75 Resp: 8252

Ion Ratio Lower Upper

75 100

77 35.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 2.399 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

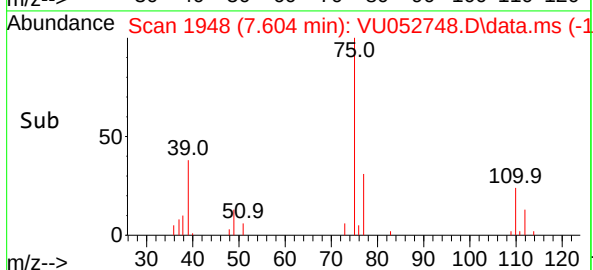
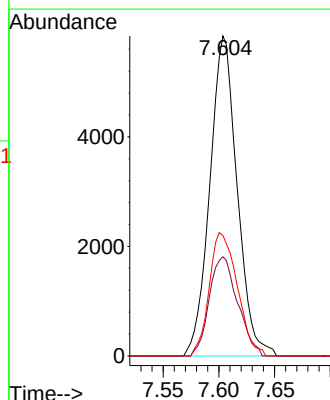
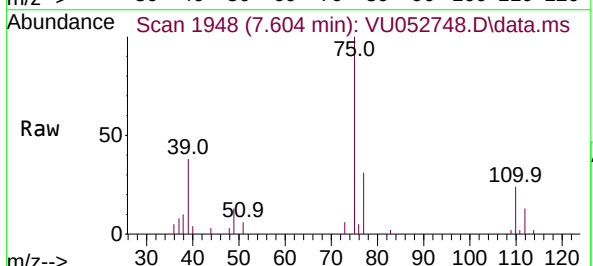
Tgt Ion: 75 Resp: 9974

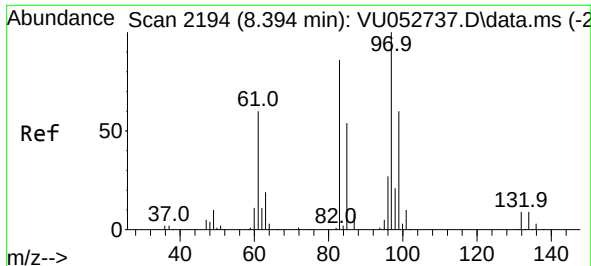
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 37.6 32.9 49.3

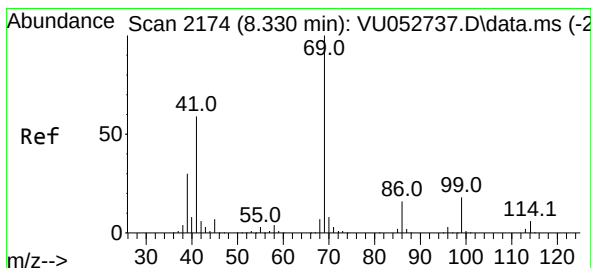
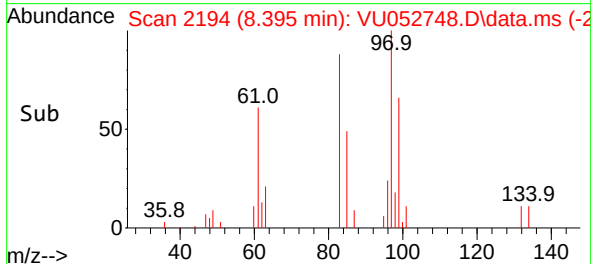
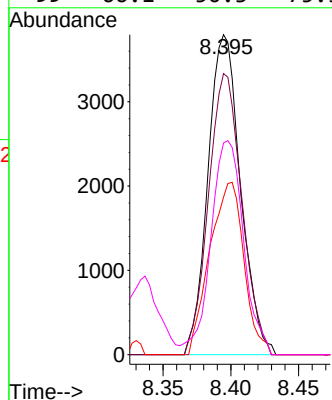
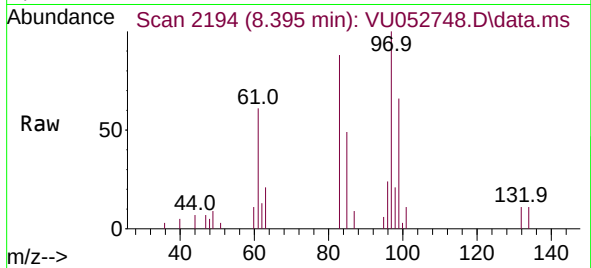




#55
 1,1,2-Trichloroethane
 Concen: 2.460 ug/l
 RT: 8.395 min Scan# 2194
 Delta R.T. 0.001 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

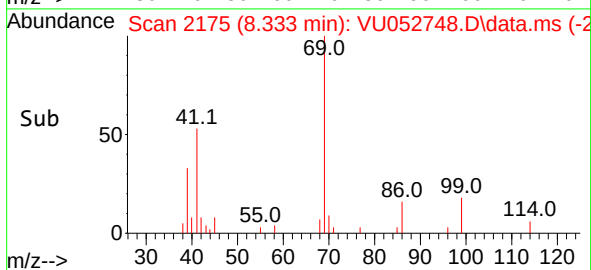
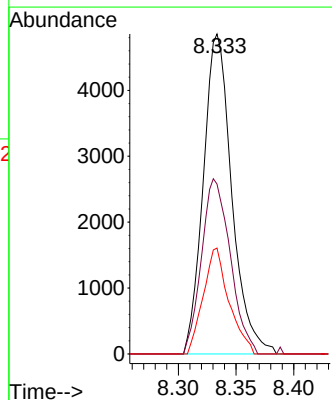
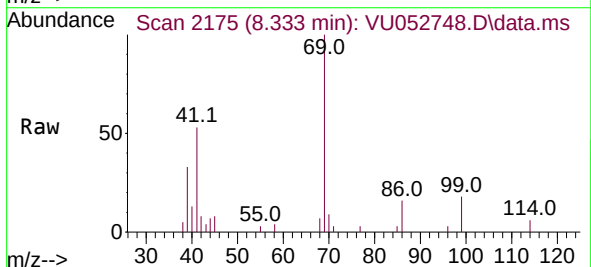
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

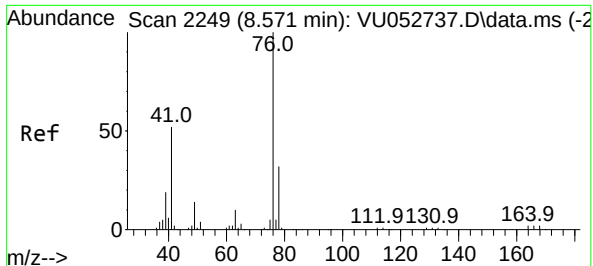
Tgt Ion: 97	Resp: 6342
Ion Ratio	Lower Upper
97 100	
83 87.9	69.2 103.8
85 49.2	43.8 65.8
99 66.1	50.3 75.5



#56
 Ethyl methacrylate
 Concen: 2.295 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.003 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

Tgt Ion: 69	Resp: 8330		
Ion Ratio	Lower	Upper	
69 100			
41 55.2	47.6	71.4	
39 29.9	24.3	36.5	





#57

1,3-Dichloropropane

Concen: 2.430 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

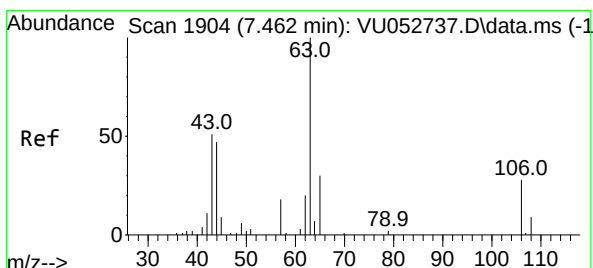
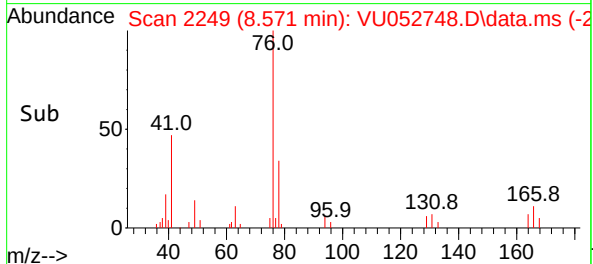
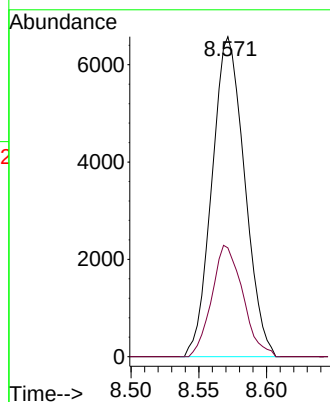
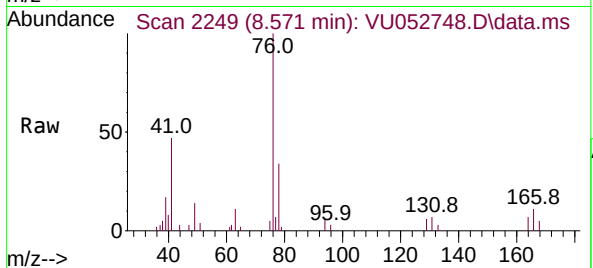
MDL05

Tgt Ion: 76 Resp: 10984

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 7.486 ug/l

RT: 7.469 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VU052748.D

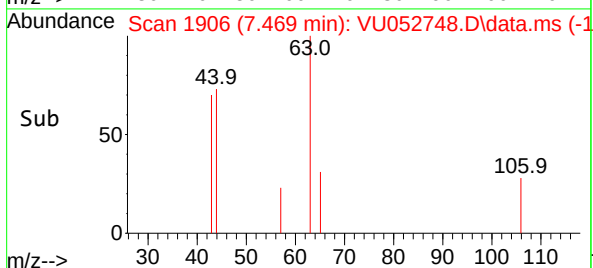
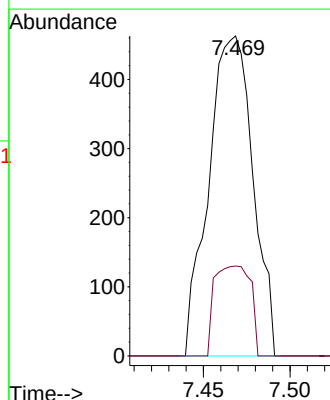
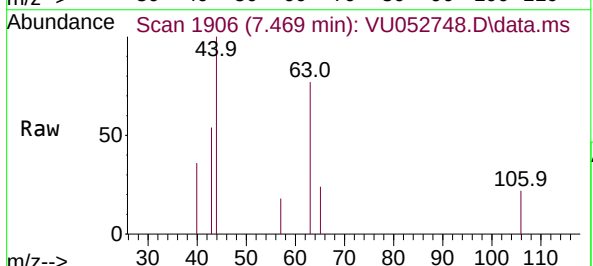
Acq: 19 Jan 2023 20:17

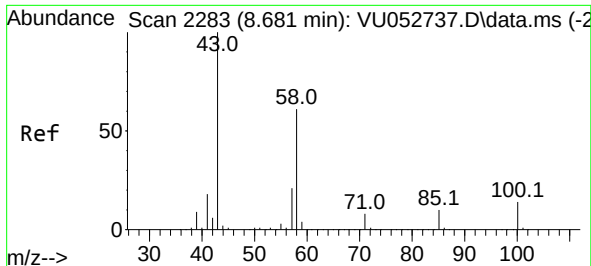
Tgt Ion: 63 Resp: 825

Ion Ratio Lower Upper

63 100

106 22.7 23.2 34.8#

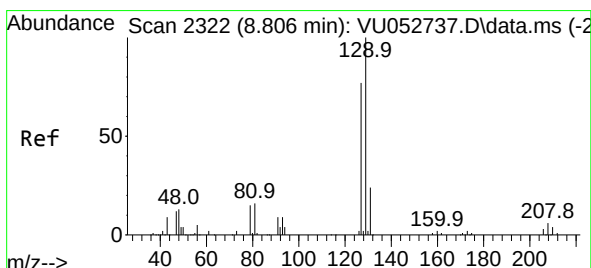
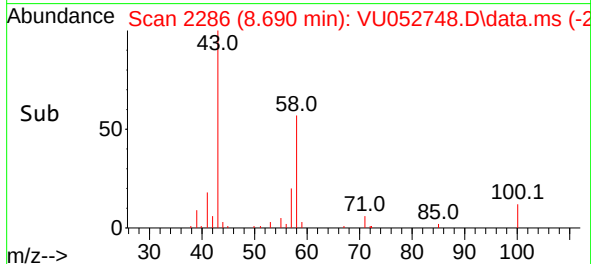
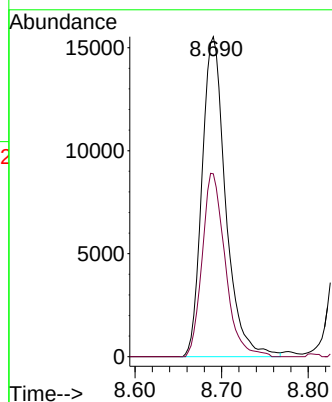
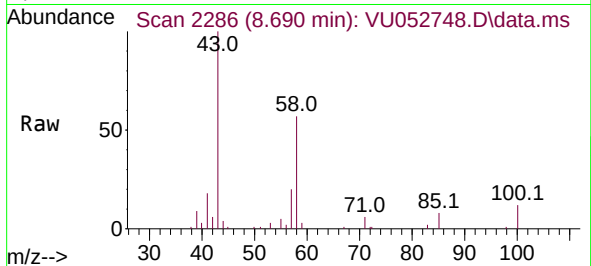




#59
2-Hexanone
Concen: 11.259 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

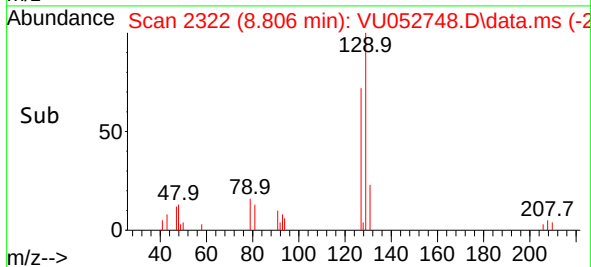
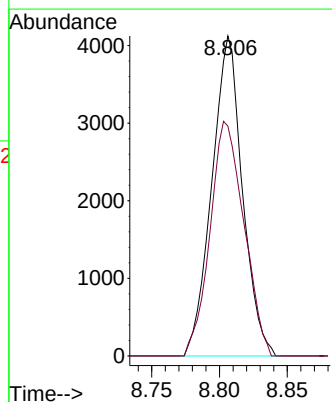
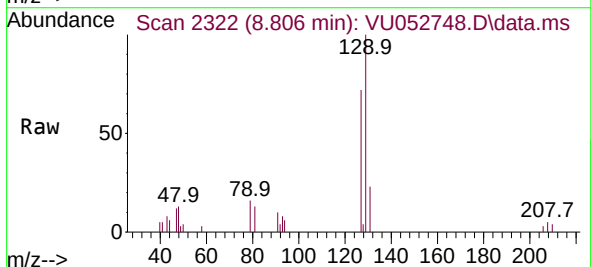
Instrument :
MSVOA_U
ClientSampleId :
MDL05

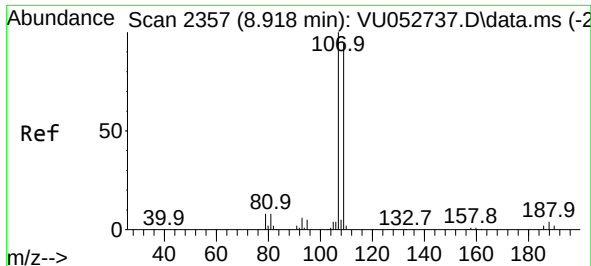
Tgt Ion: 43 Resp: 29413
Ion Ratio Lower Upper
43 100
58 55.9 29.8 89.5



#60
Dibromochloromethane
Concen: 2.285 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 129 Resp: 6468
Ion Ratio Lower Upper
129 100
127 81.1 39.1 117.2

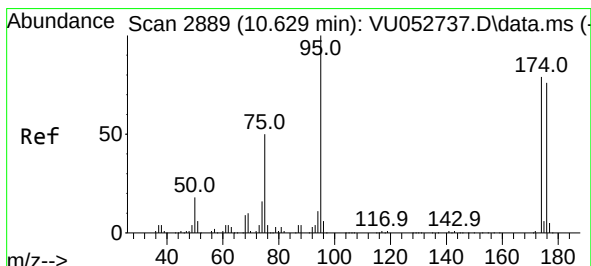
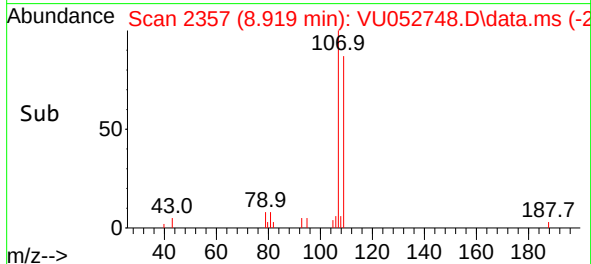
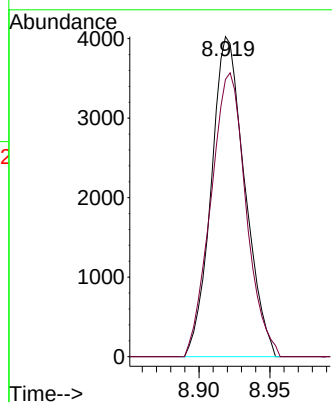
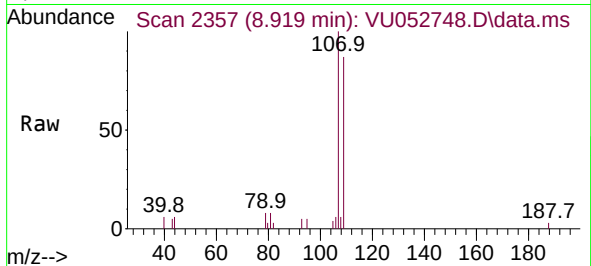




#61
1,2-Dibromoethane
Concen: 2.447 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

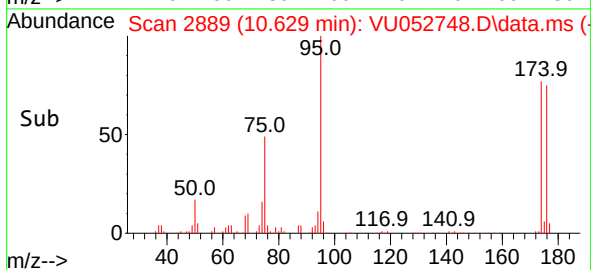
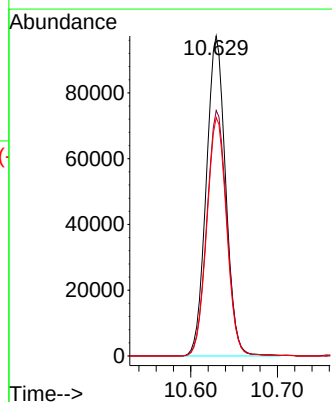
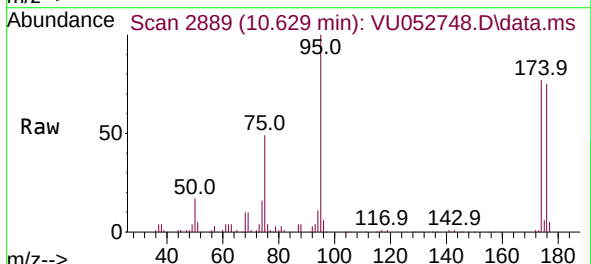
Instrument :
MSVOA_U
ClientSampleId :
MDL05

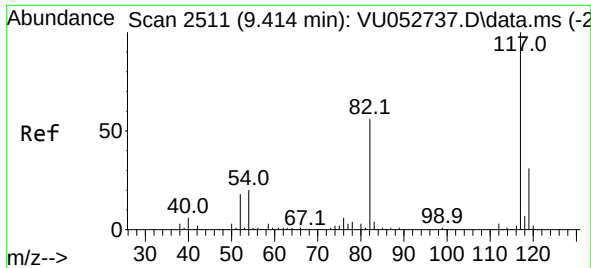
Tgt Ion:107 Resp: 6622
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 45.676 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 95 Resp: 150812
Ion Ratio Lower Upper
95 100
174 79.5 0.0 158.6
176 76.3 0.0 150.6

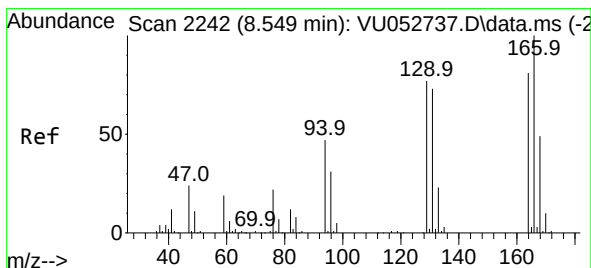
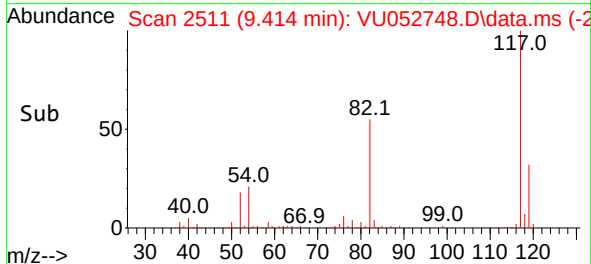
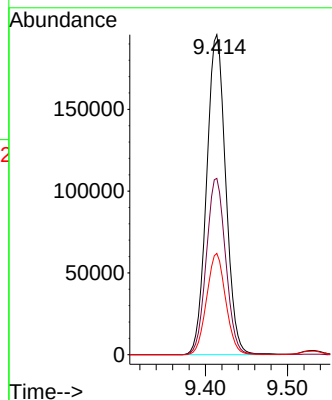
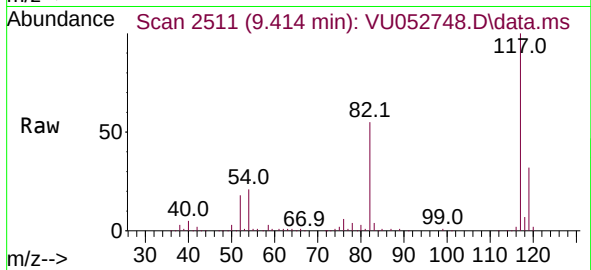




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

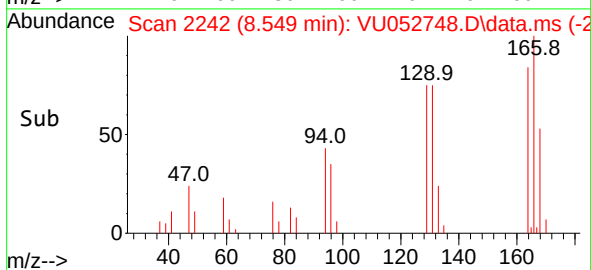
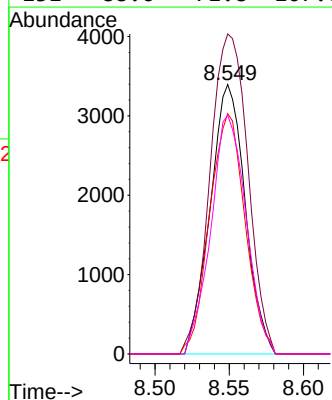
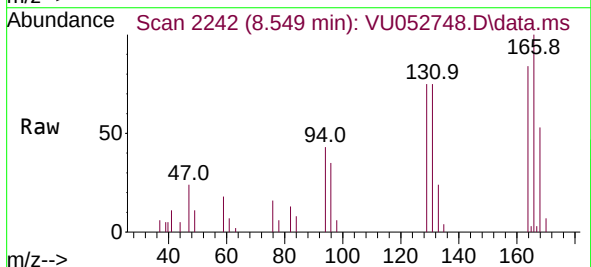
Instrument :
MSVOA_U
ClientSampleId :
MDL05

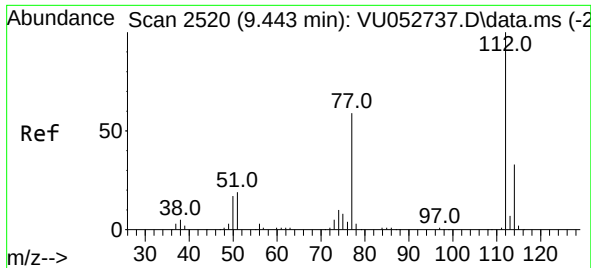
Tgt Ion:117 Resp: 317270
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 31.6 25.0 37.6



#64
Tetrachloroethene
Concen: 2.528 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion:164 Resp: 5572
Ion Ratio Lower Upper
164 100
166 118.8 98.9 148.3
129 89.2 76.0 114.0
131 88.6 71.8 107.6

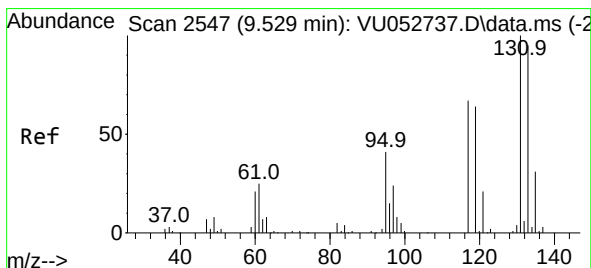
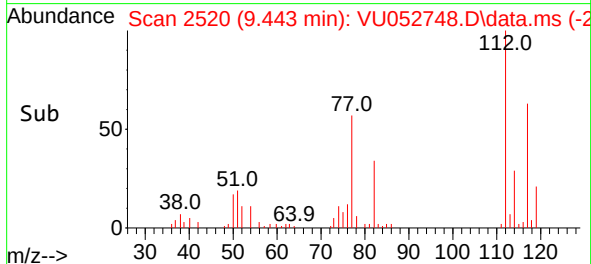
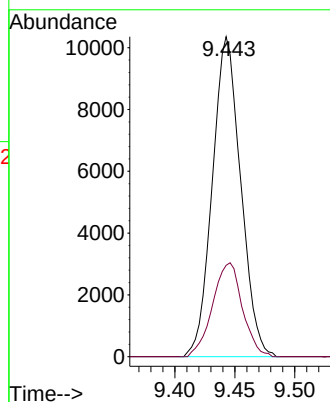
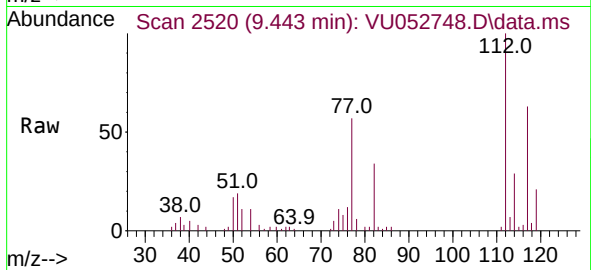




#65
Chlorobenzene
Concen: 2.534 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

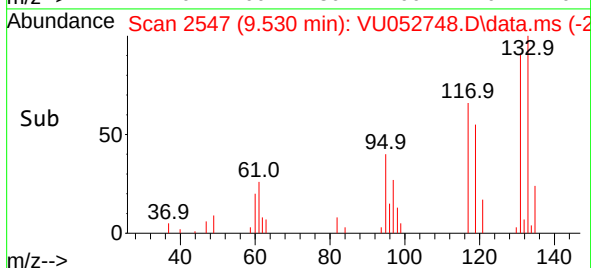
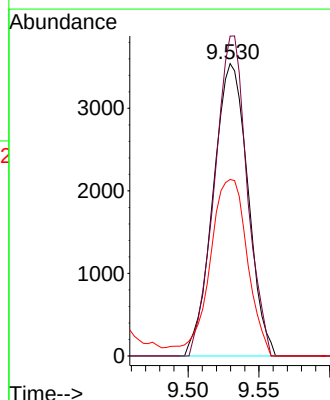
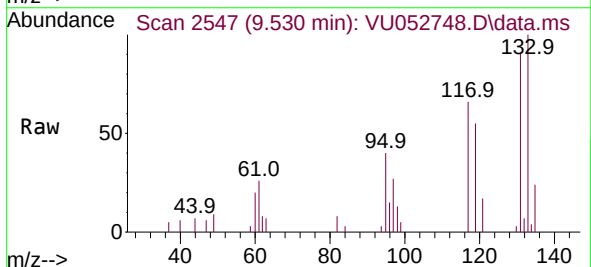
Instrument :
MSVOA_U
ClientSampleId :
MDL05

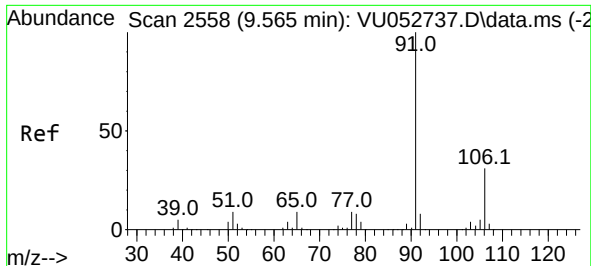
Tgt Ion:112 Resp: 17011
Ion Ratio Lower Upper
112 100
114 28.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 2.400 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion:131 Resp: 6039
Ion Ratio Lower Upper
131 100
133 102.6 48.4 145.0
119 64.2 32.1 96.3





#67

Ethyl Benzene

Concen: 2.274 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

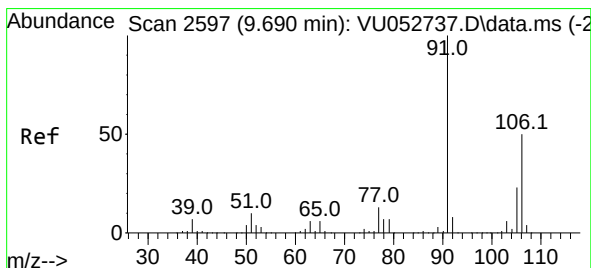
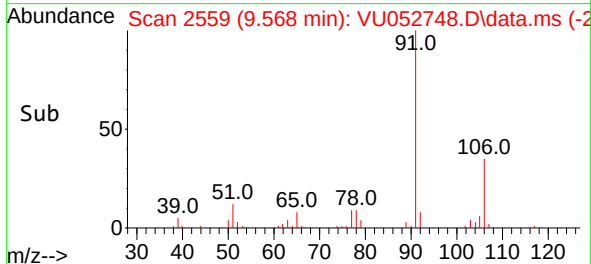
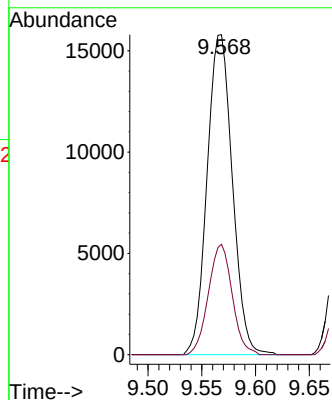
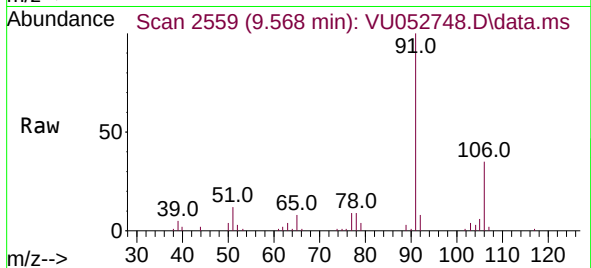
MDL05

Tgt Ion: 91 Resp: 25796

Ion Ratio Lower Upper

91 100

106 34.5 24.6 37.0



#68

m/p-Xylenes

Concen: 4.351 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052748.D

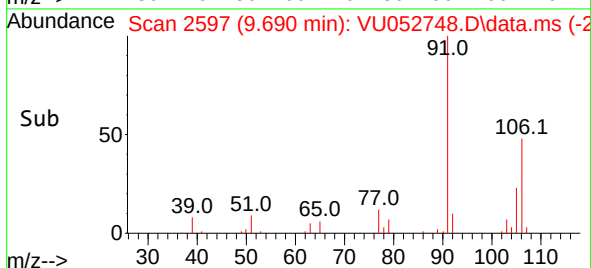
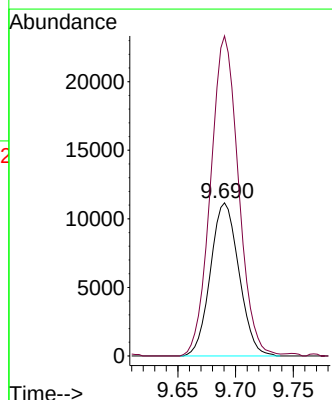
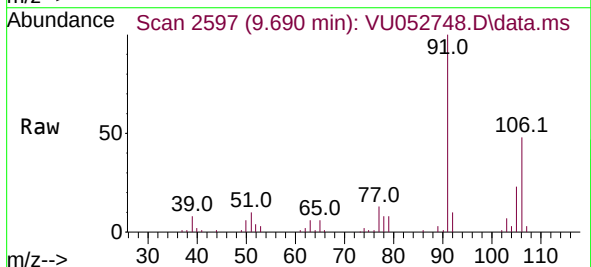
Acq: 19 Jan 2023 20:17

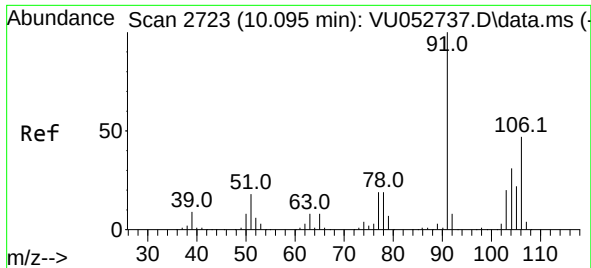
Tgt Ion: 106 Resp: 19173

Ion Ratio Lower Upper

106 100

91 204.7 160.8 241.2

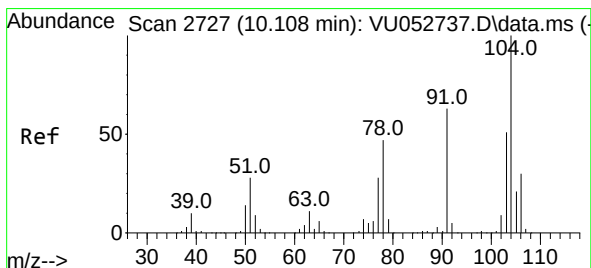
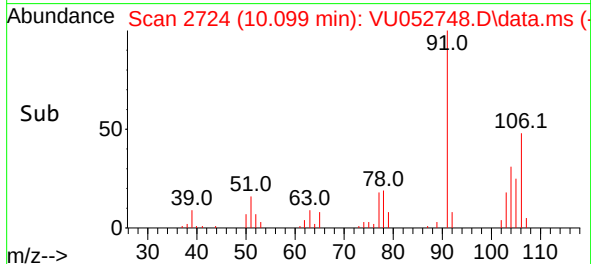
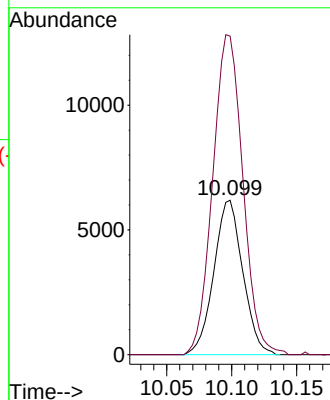
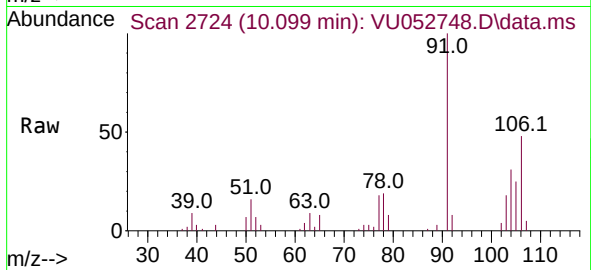




#69
o-Xylene
Concen: 2.279 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

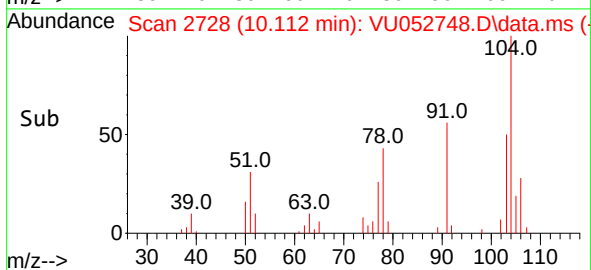
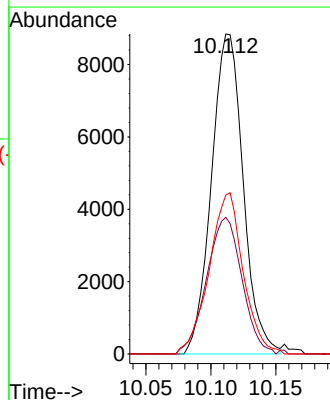
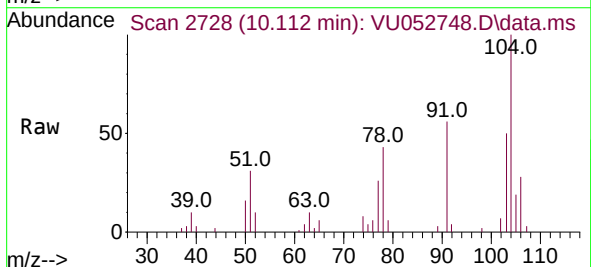
Instrument :
MSVOA_U
ClientSampleId :
MDL05

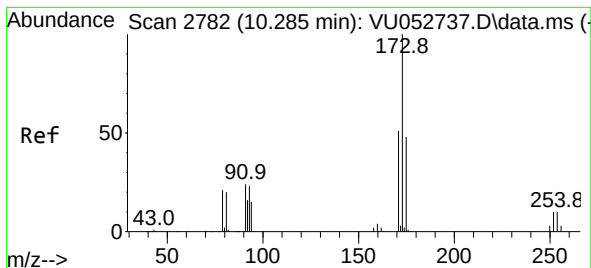
Tgt Ion:106 Resp: 9585
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.7



#70
Styrene
Concen: 2.178 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.004 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion:104 Resp: 15028
Ion Ratio Lower Upper
104 100
78 47.4 39.9 59.9
103 54.0 43.4 65.2





#71

Bromoform

Concen: 2.330 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

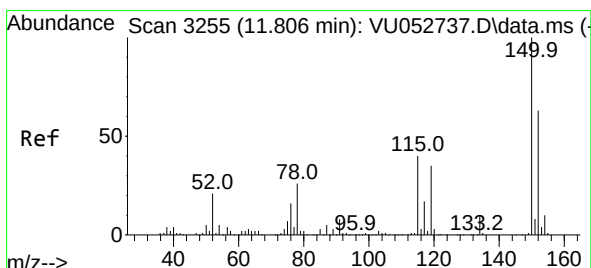
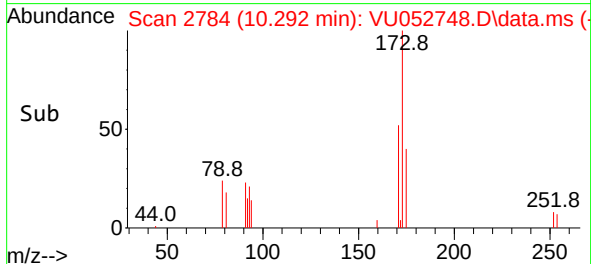
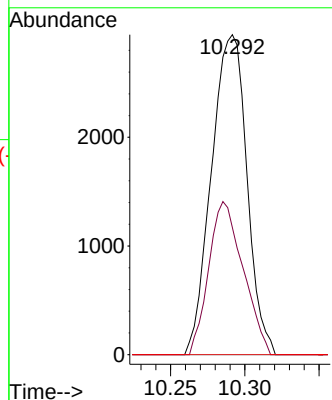
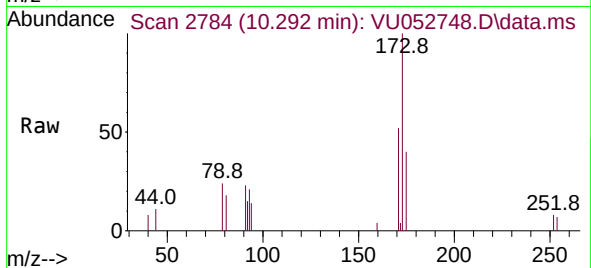
Tgt Ion:173 Resp: 4898

Ion Ratio Lower Upper

173 100

175 46.3 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

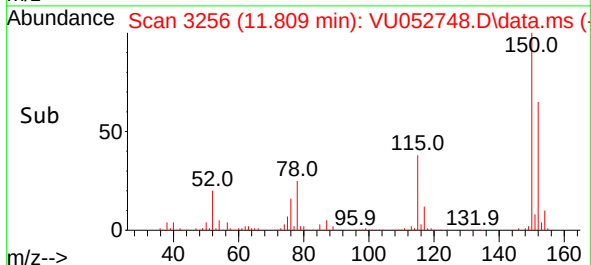
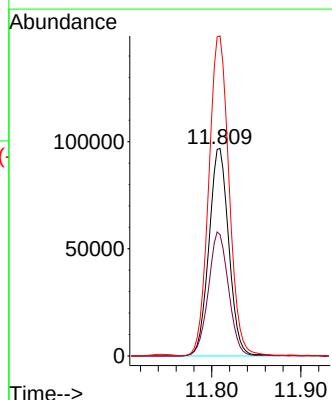
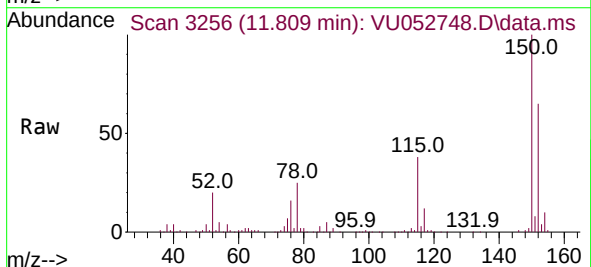
Tgt Ion:152 Resp: 149723

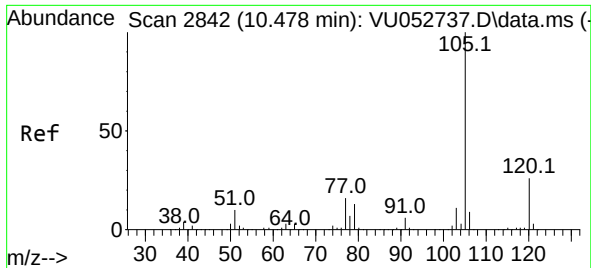
Ion Ratio Lower Upper

152 100

115 60.5 41.7 125.1

150 157.4 0.0 349.2

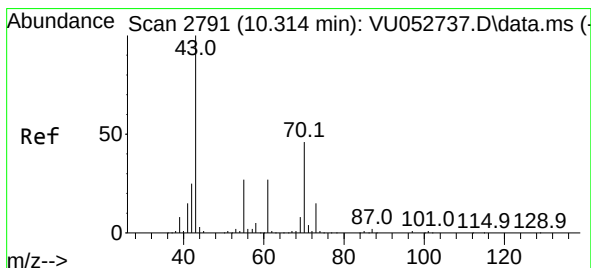
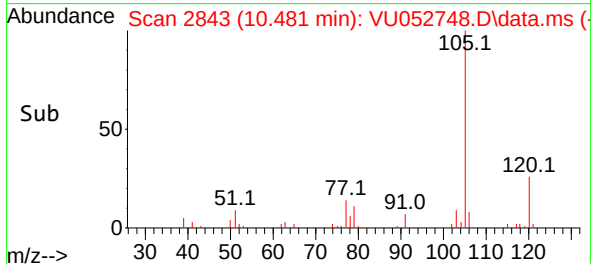
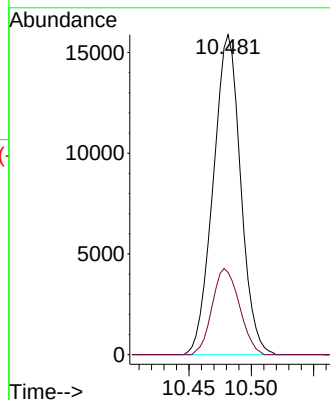
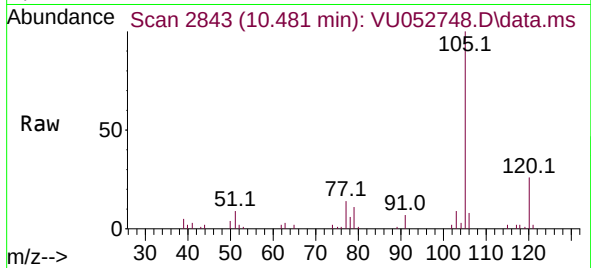




#73
Isopropylbenzene
Concen: 2.466 ug/l
RT: 10.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

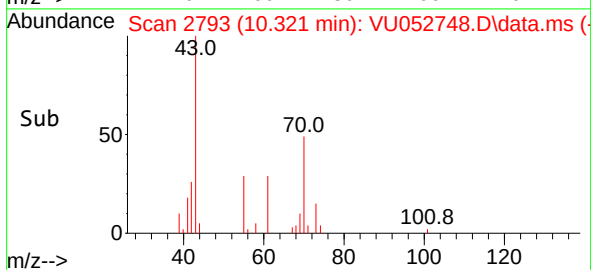
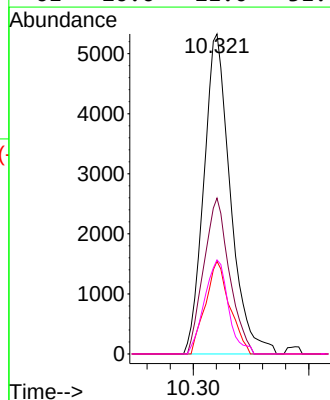
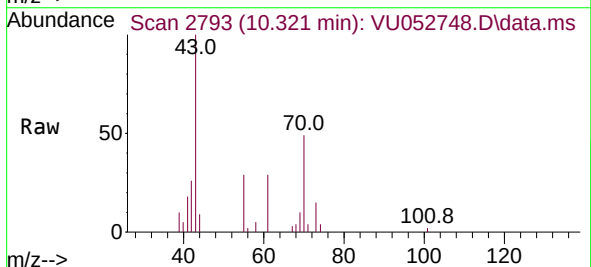
Instrument :
MSVOA_U
ClientSampleId :
MDL05

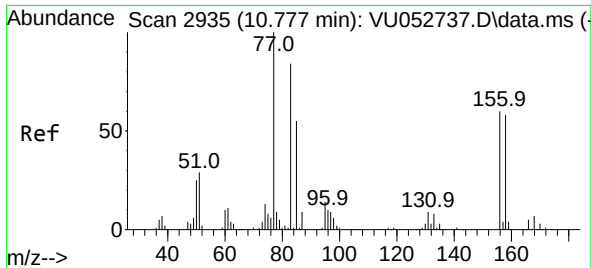
Tgt Ion:105 Resp: 24326
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-amy1 acetate
Concen: 2.259 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.007 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 43 Resp: 8487
Ion Ratio Lower Upper
43 100
70 47.0 37.9 56.9
55 26.3 21.9 32.9
61 26.6 21.0 31.6

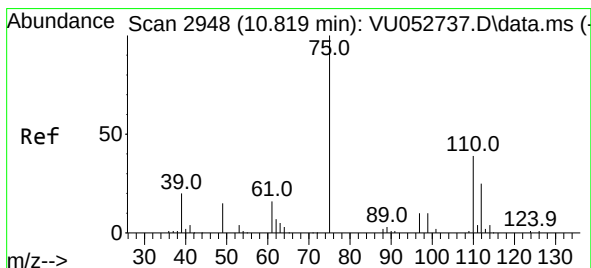
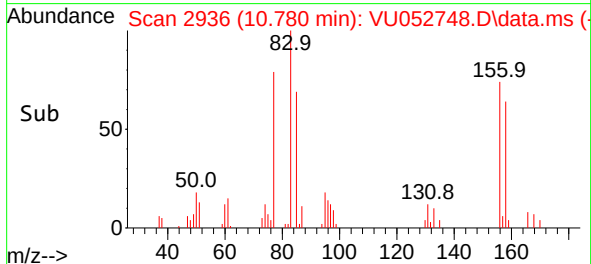
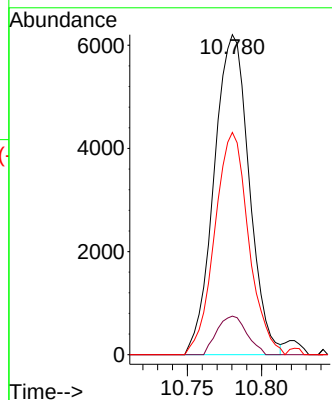
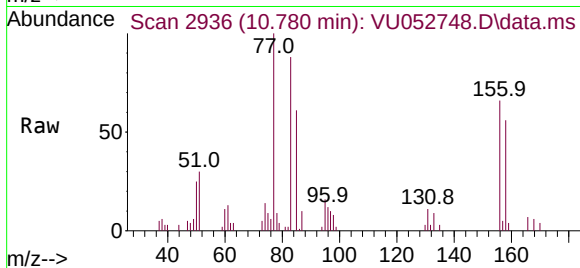




#75
1,1,2,2-Tetrachloroethane
Concen: 2.609 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

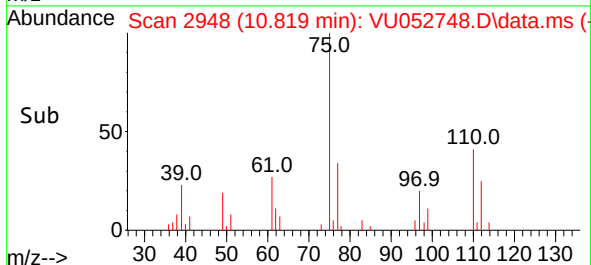
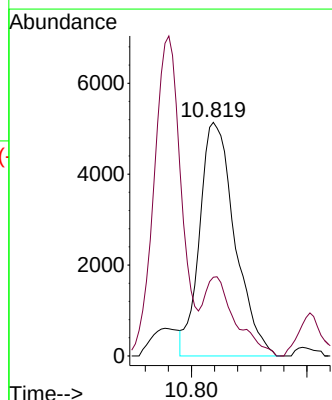
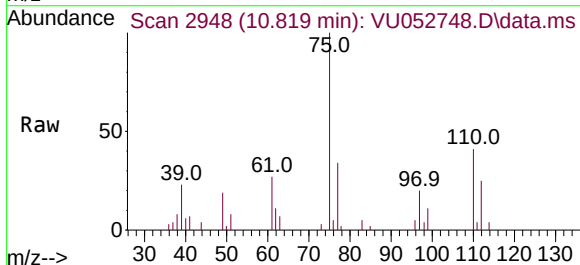
Instrument :
MSVOA_U
ClientSampleId :
MDL05

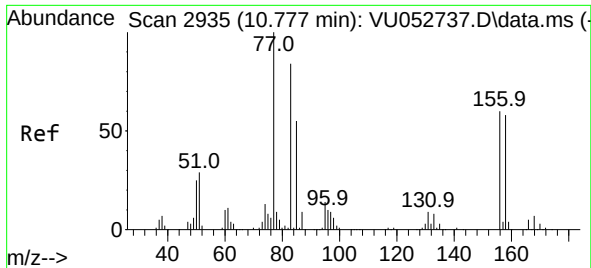
Tgt Ion: 83 Resp: 10194
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 67.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 2.660 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 75 Resp: 10870
Ion Ratio Lower Upper
75 100
77 30.0 15.0 45.1

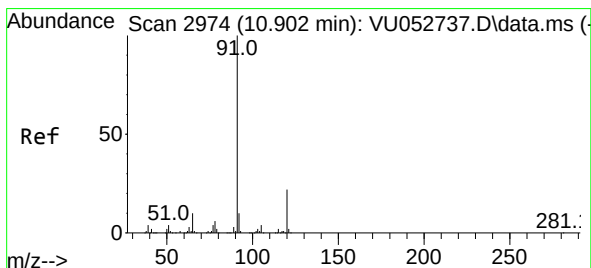
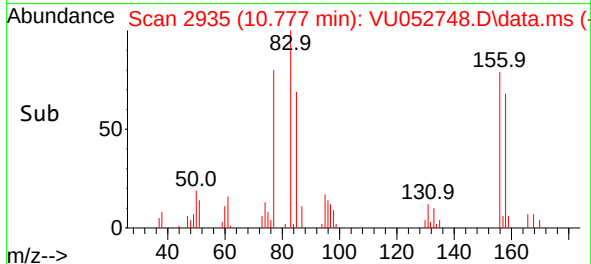
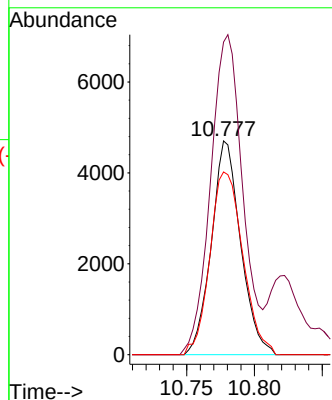
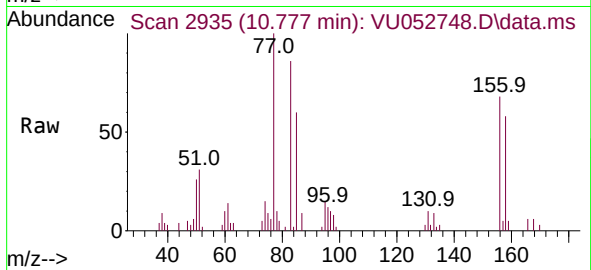




#77
Bromobenzene
Concen: 2.763 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

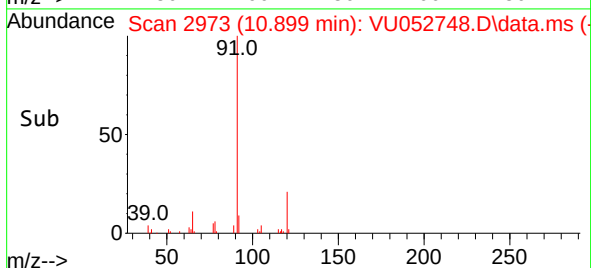
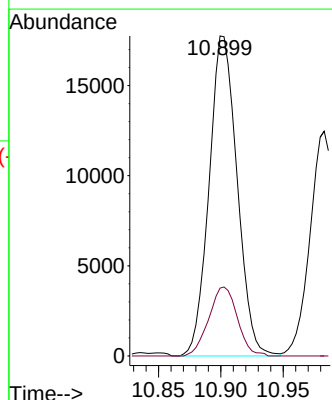
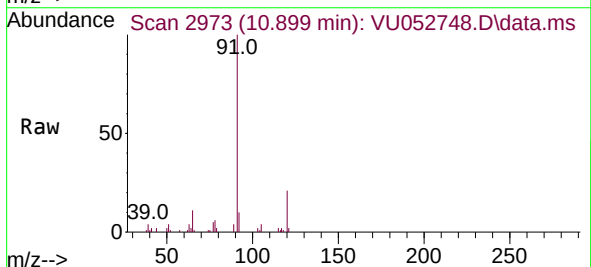
Instrument :
MSVOA_U
ClientSampleId :
MDL05

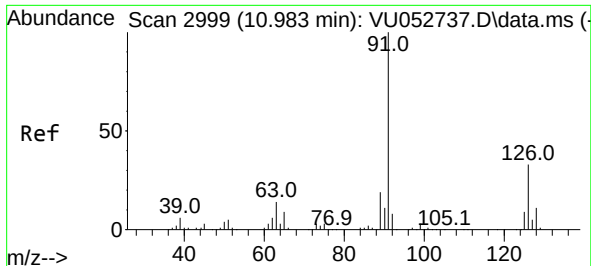
Tgt Ion:156 Resp: 7049
Ion Ratio Lower Upper
156 100
77 164.2 83.8 251.4
158 96.3 48.7 146.1



#78
n-propylbenzene
Concen: 2.400 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 91 Resp: 27836
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 2.730 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

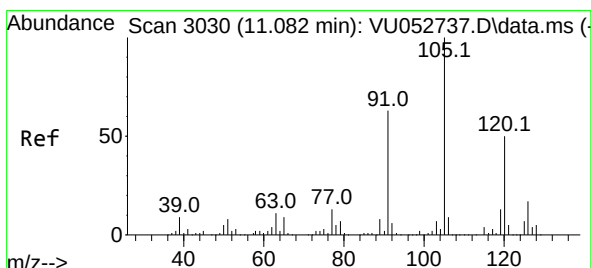
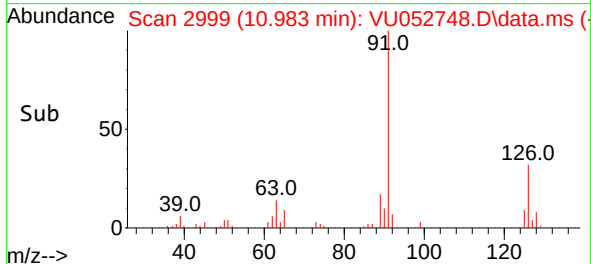
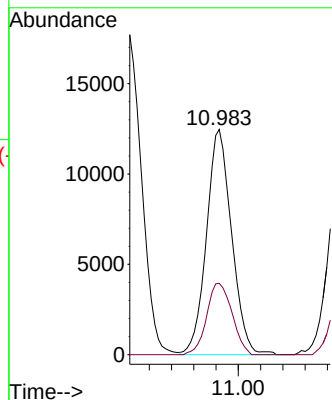
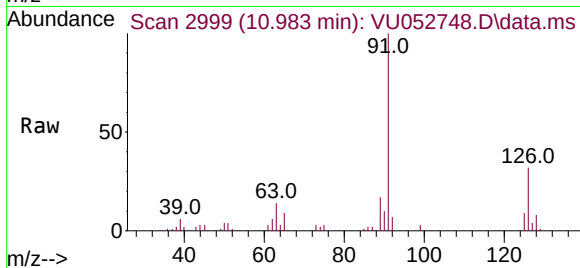
MDL05

Tgt Ion: 91 Resp: 19567

Ion Ratio Lower Upper

91 100

126 31.9 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 2.346 ug/l

RT: 11.083 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU052748.D

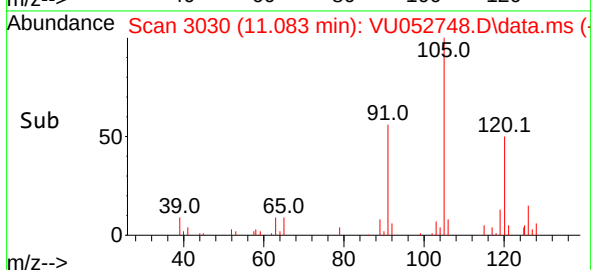
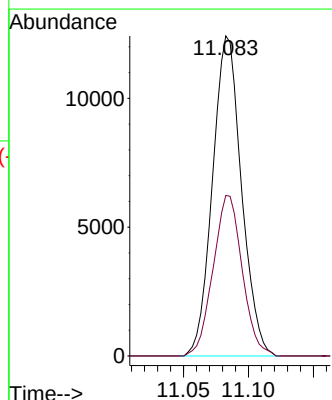
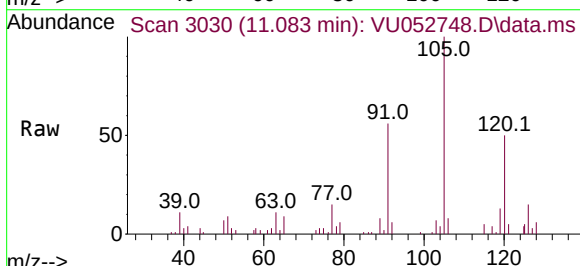
Acq: 19 Jan 2023 20:17

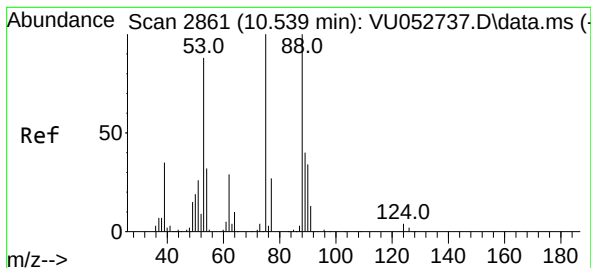
Tgt Ion: 105 Resp: 19224

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

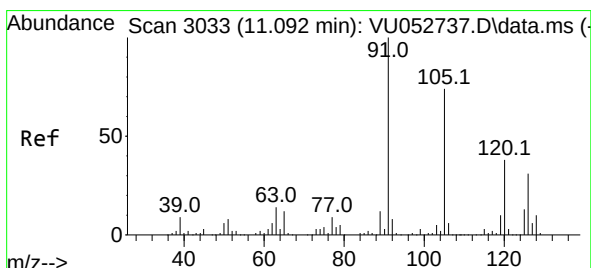
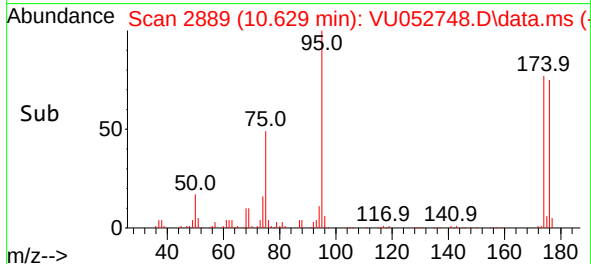
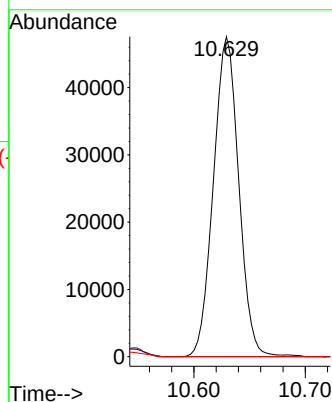
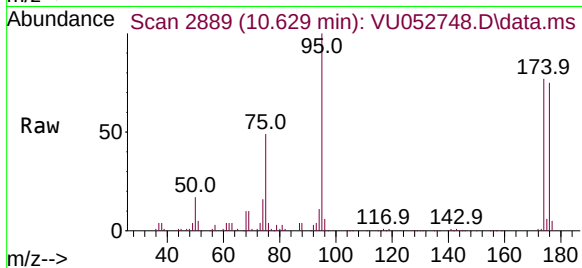




#81
trans-1,4-Dichloro-2-butene
Concen: 71.288 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.090 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

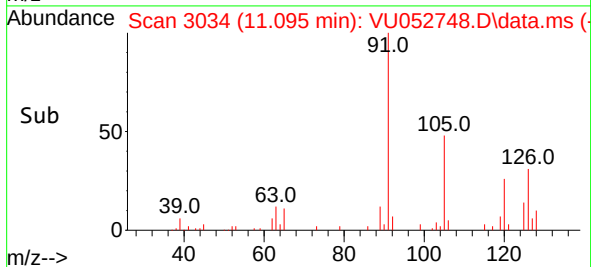
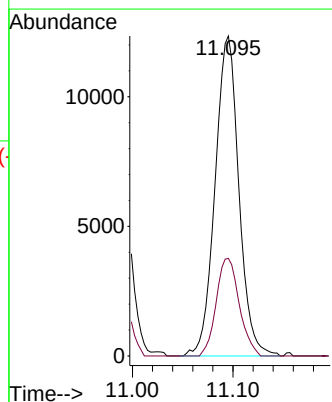
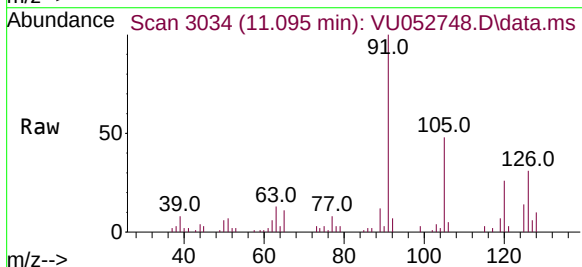
Instrument :
MSVOA_U
ClientSampleId :
MDL05

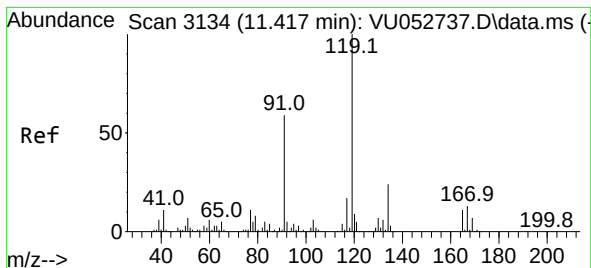
Tgt Ion: 75 Resp: 74957
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 35.0 52.4#



#82
4-Chlorotoluene
Concen: 2.487 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 91 Resp: 20319
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.7





#83

tert-Butylbenzene

Concen: 2.495 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

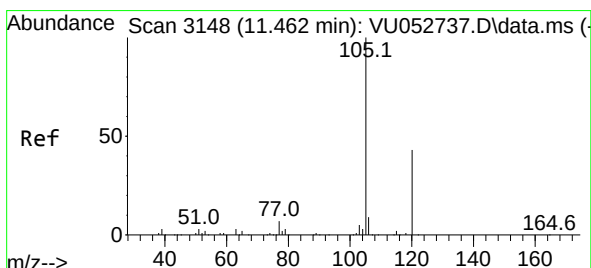
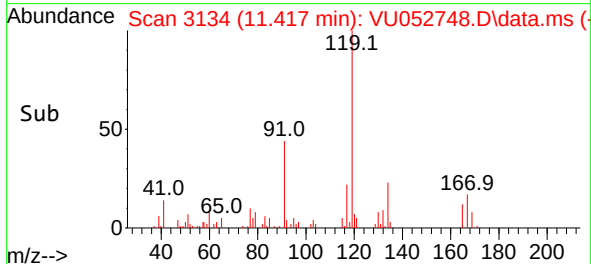
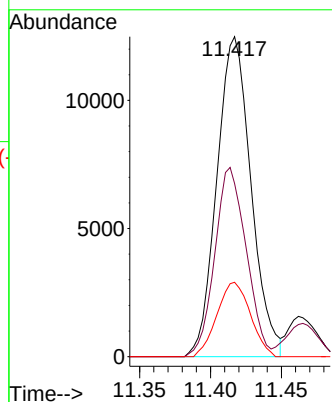
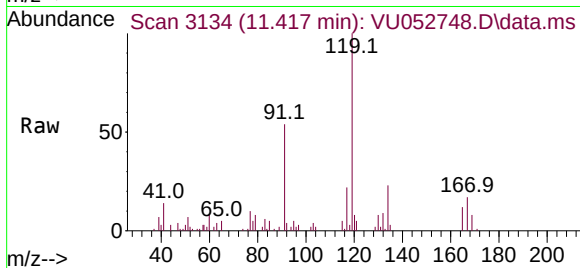
Tgt Ion:119 Resp: 20980

Ion Ratio Lower Upper

119 100

91 54.4 28.4 85.2

134 22.7 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 2.231 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052748.D

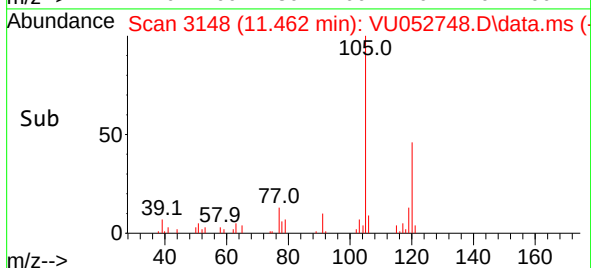
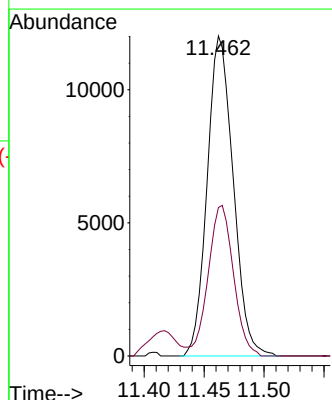
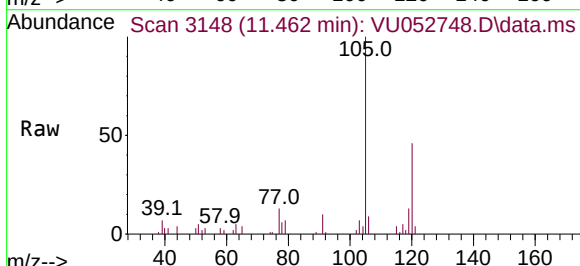
Acq: 19 Jan 2023 20:17

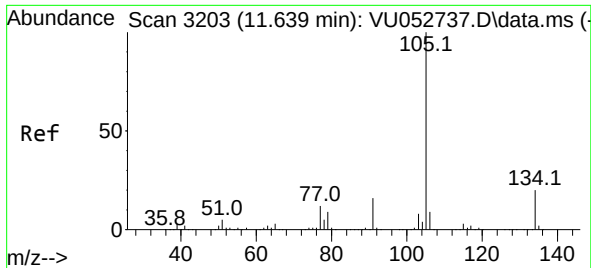
Tgt Ion:105 Resp: 18147

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.5

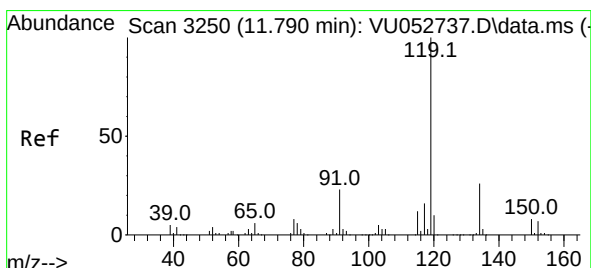
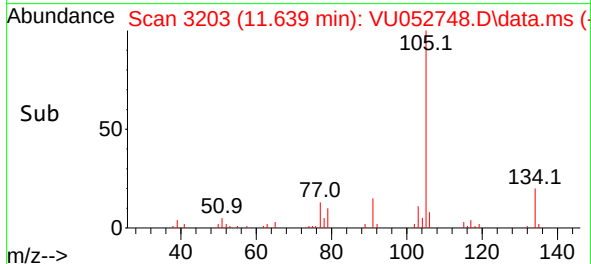
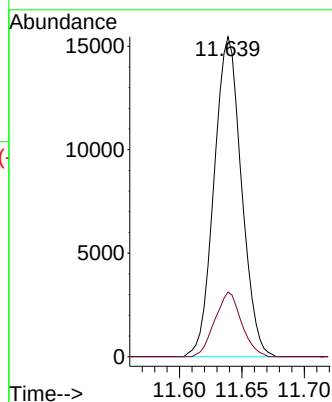
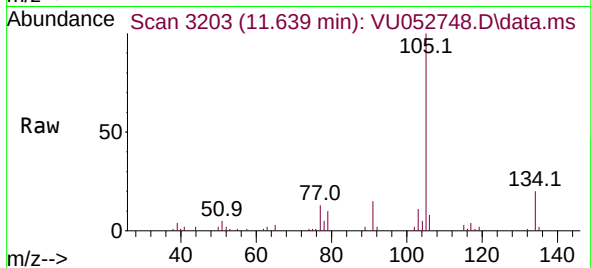




#85
 sec-Butylbenzene
 Concen: 2.295 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

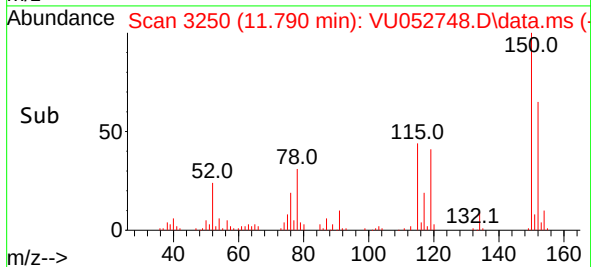
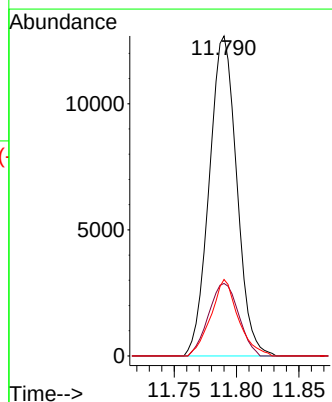
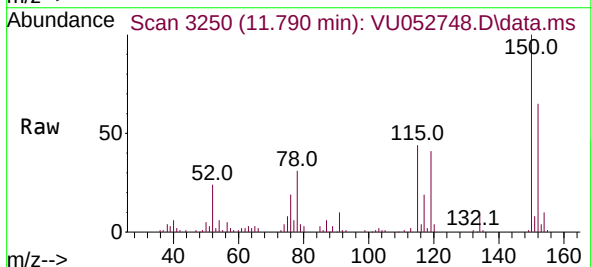
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

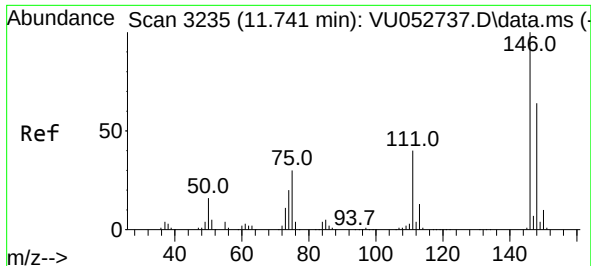
Tgt Ion:105 Resp: 23626
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 2.223 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052748.D
 Acq: 19 Jan 2023 20:17

Tgt Ion:119 Resp: 19460
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.1 39.1
 91 23.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 2.564 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.001 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

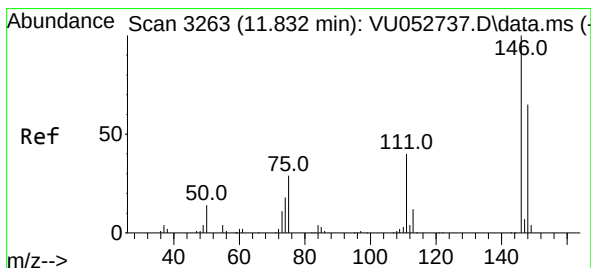
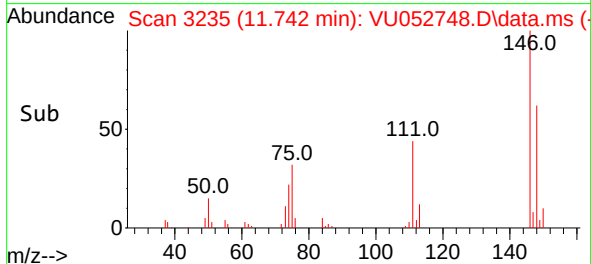
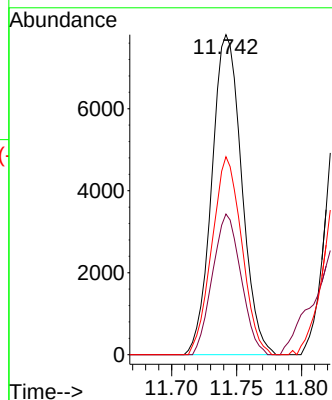
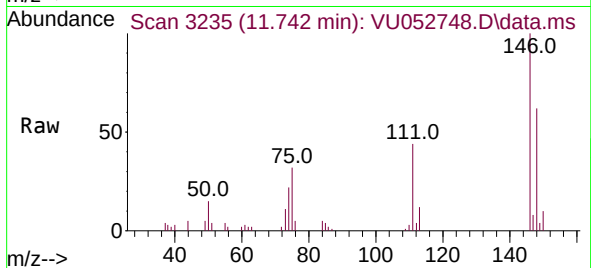
Tgt Ion:146 Resp: 12468

Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.2

148 61.9 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 2.654 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

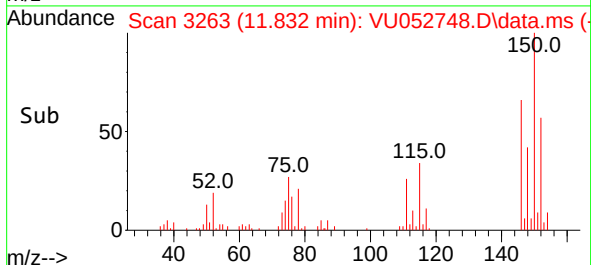
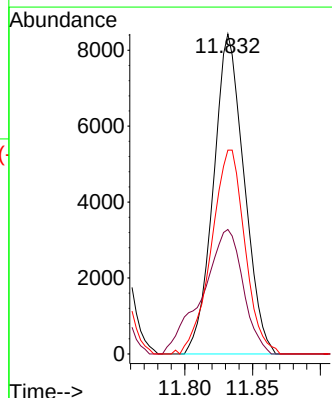
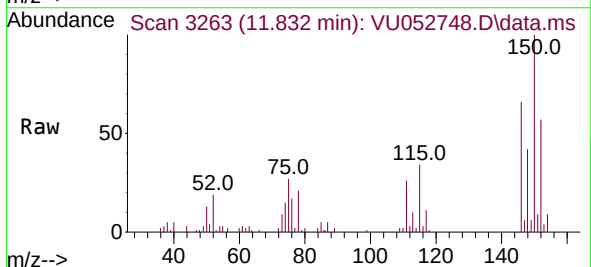
Tgt Ion:146 Resp: 13269

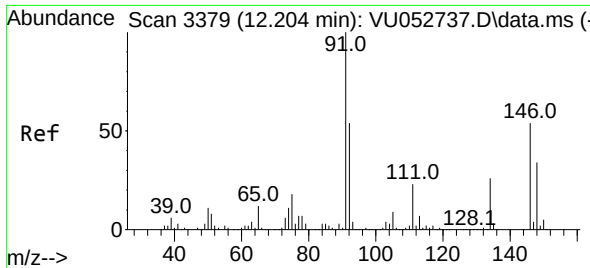
Ion Ratio Lower Upper

146 100

111 51.3 20.3 61.0

148 69.7 32.3 96.8

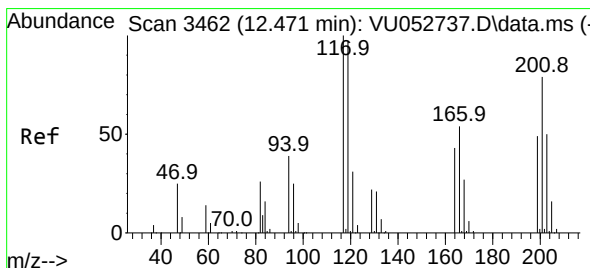
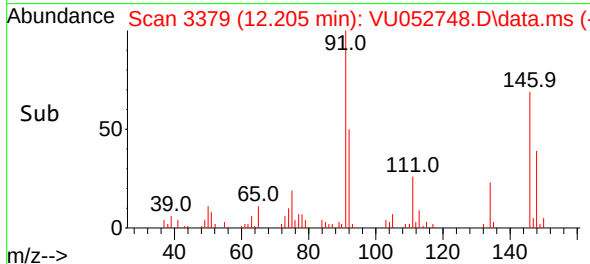
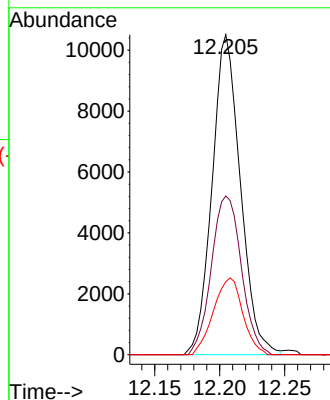
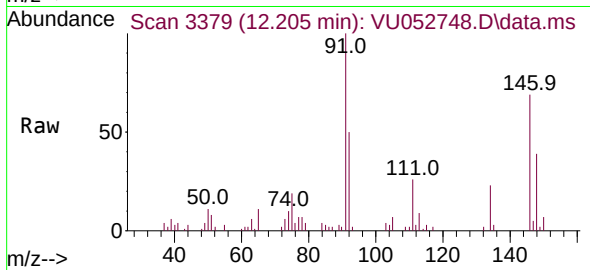




#89
n-Butylbenzene
Concen: 2.115 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.001 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

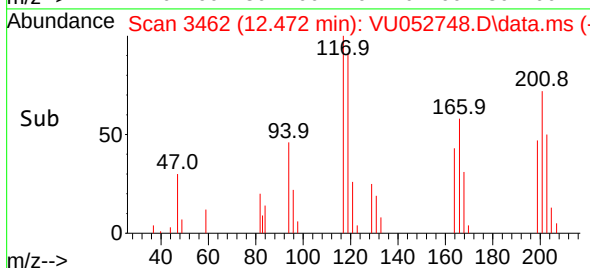
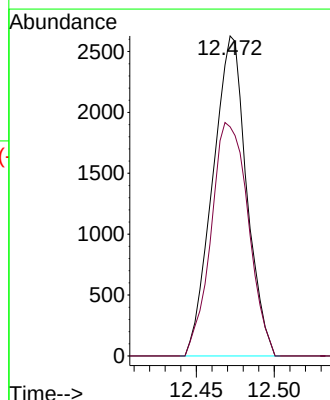
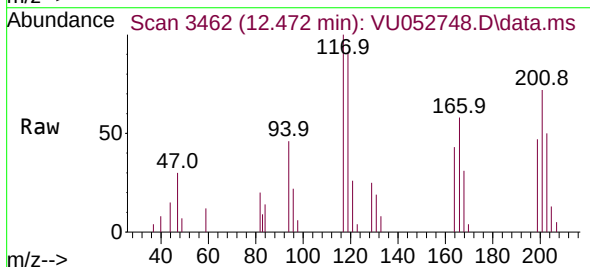
Instrument :
MSVOA_U
ClientSampleId :
MDL05

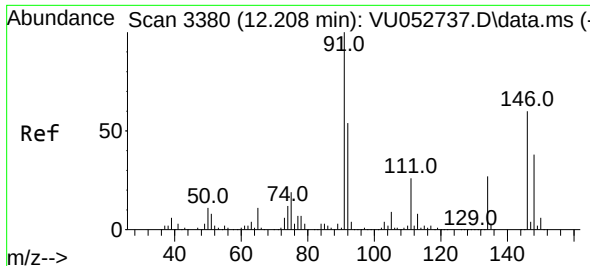
Tgt Ion: 91 Resp: 15885
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 24.9 13.1 39.3



#90
Hexachloroethane
Concen: 2.364 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion: 117 Resp: 3971
Ion Ratio Lower Upper
117 100
201 79.8 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 2.661 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

Instrument :

MSVOA_U

ClientSampleId :

MDL05

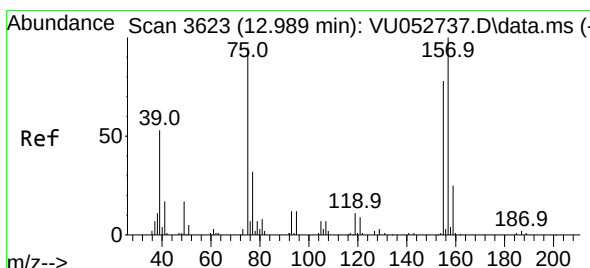
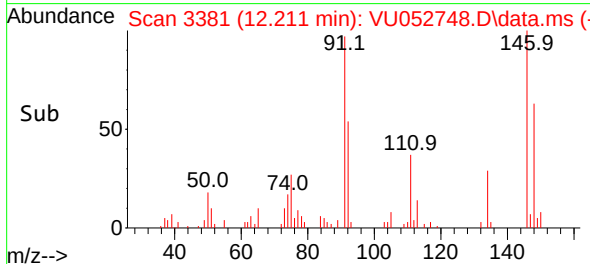
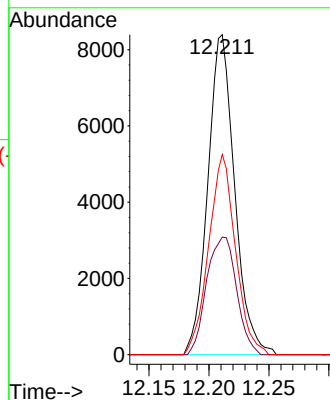
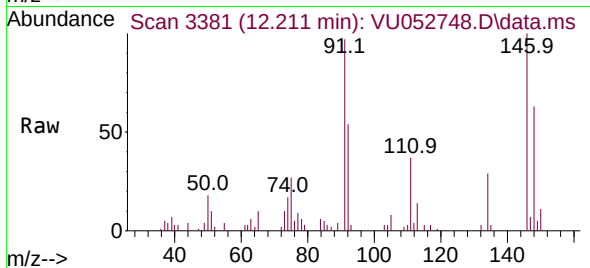
Tgt Ion:146 Resp: 13050

Ion Ratio Lower Upper

146 100

111 40.9 21.1 63.1

148 62.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.616 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052748.D

Acq: 19 Jan 2023 20:17

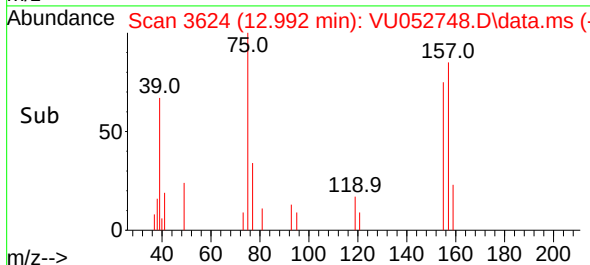
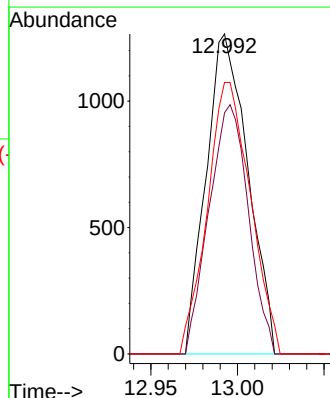
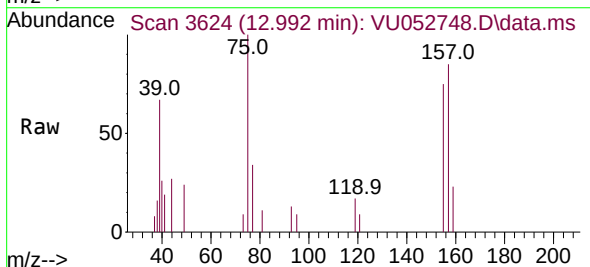
Tgt Ion: 75 Resp: 2121

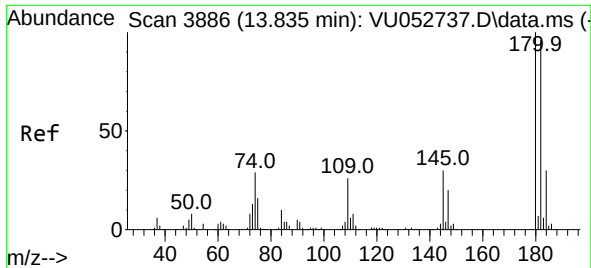
Ion Ratio Lower Upper

75 100

155 73.4 41.4 124.4

157 87.6 53.4 160.2

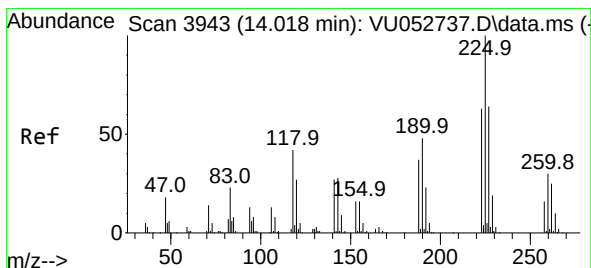
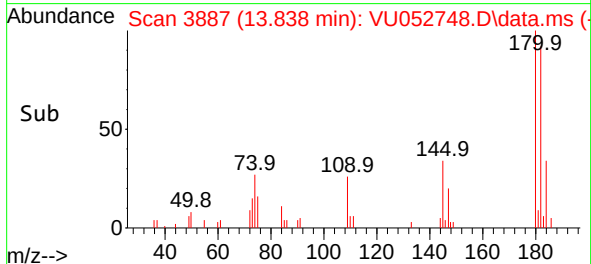
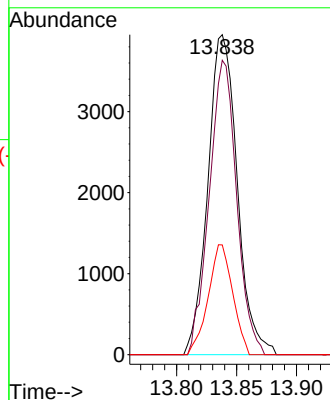
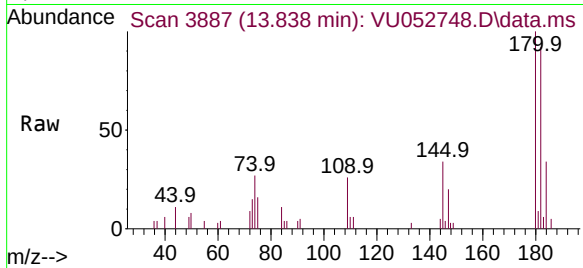




#93
1,2,4-Trichlorobenzene
Concen: 2.353 ug/l
RT: 13.838 min Scan# 3886
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

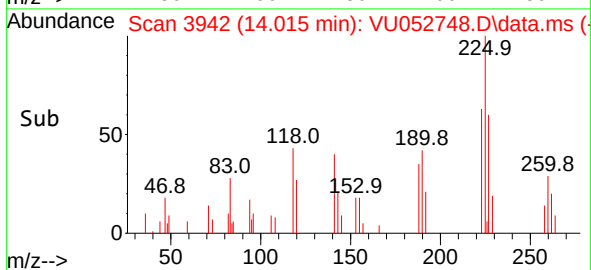
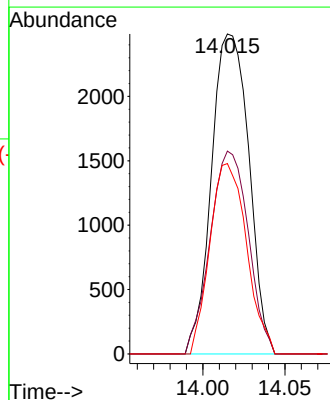
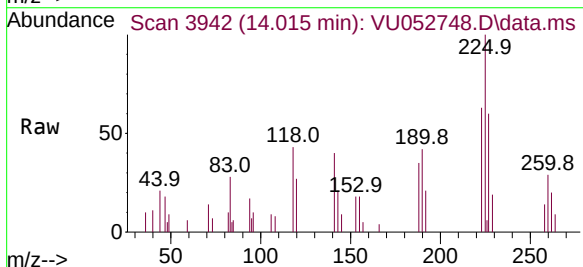
Instrument :
MSVOA_U
ClientSampleId :
MDL05

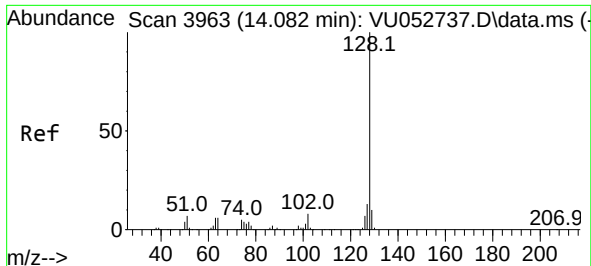
Tgt Ion:180 Resp: 6738
Ion Ratio Lower Upper
180 100
182 85.6 47.4 142.3
145 28.6 14.9 44.5



#94
Hexachlorobutadiene
Concen: 2.484 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion:225 Resp: 3943
Ion Ratio Lower Upper
225 100
223 64.6 31.8 95.3
227 58.3 31.8 95.4

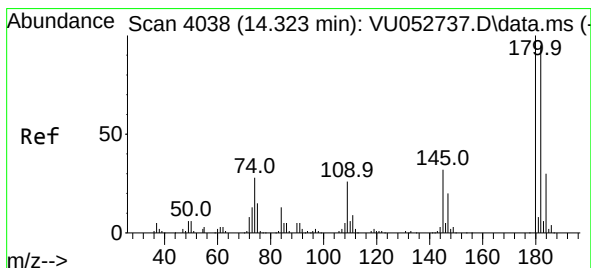
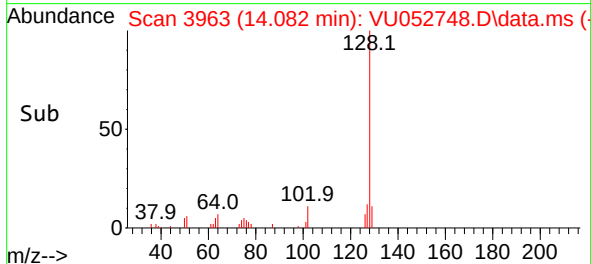
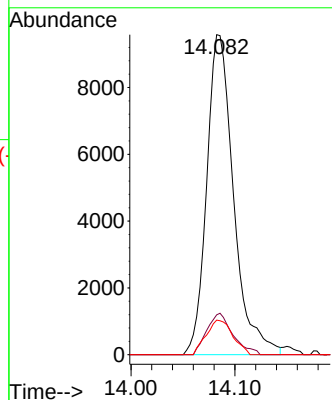
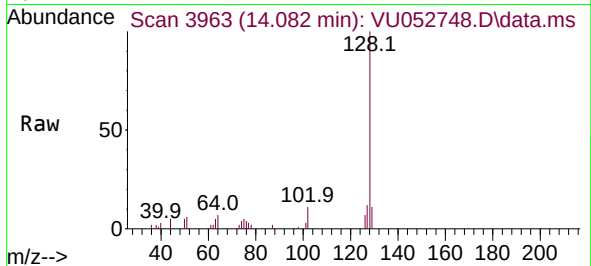




#95
Naphthalene
Concen: 2.120 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:	128	Resp:	17223
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.258 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052748.D
Acq: 19 Jan 2023 20:17

Tgt Ion:	180	Resp:	6420
Ion	Ratio	Lower	Upper
180	100		
182	101.7	48.1	144.3
145	34.3	15.8	47.4

