

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062616.D
 Acq On : 27 Dec 2024 14:37
 Operator : MD/SY
 Sample : MDL03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 21:59:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	108916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25031	3.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.904	69	21420	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.557	65	13414	3.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.618	46	63305	44.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.920%
24) Chloroform-d	5.049	84	67253	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.692	65	38413	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.714	84	118445	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.679	67	34216	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.888	98	116166	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	16759	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.624	63	57376	51.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28826	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	44520	4.772	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2631	0.258	ug/L	93
3) Chloromethane	1.515	50	2109	0.264	ug/L	94
5) Vinyl chloride	1.599	62	2020	0.243	ug/L #	74
6) Bromomethane	1.849	94	1758	0.317	ug/L	72
8) Chloroethane	1.923	64	1317	0.282	ug/L	83
9) Trichlorofluoromethane	2.132	101	4414	0.305	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	2473	0.314	ug/L	92
12) 1,1-Dichloroethene	2.570	96	2451	0.333	ug/L #	1
14) Carbon disulfide	2.785	76	5271	0.227	ug/L	97
15) Methyl Acetate	2.956	43	546	0.227	ug/L #	51
16) Methylene chloride	3.036	84	2409	0.312	ug/L	80
17) Methyl tert-butyl Ether	3.351	73	5857	0.320	ug/L #	92
18) trans-1,2-Dichloroethene	3.348	96	2000	0.265	ug/L	94
19) 1,1-Dichloroethane	3.862	63	3836	0.277	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	2332	0.275	ug/L	97
23) Bromochloromethane	4.975	128	1111	0.299	ug/L #	68
25) Chloroform	5.078	83	5125	0.329	ug/L	89
27) 1,2-Dichloroethane	5.785	62	1854	0.187	ug/L #	75
29) 1,1,1-Trichloroethane	5.306	97	4495	0.313	ug/L	93

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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

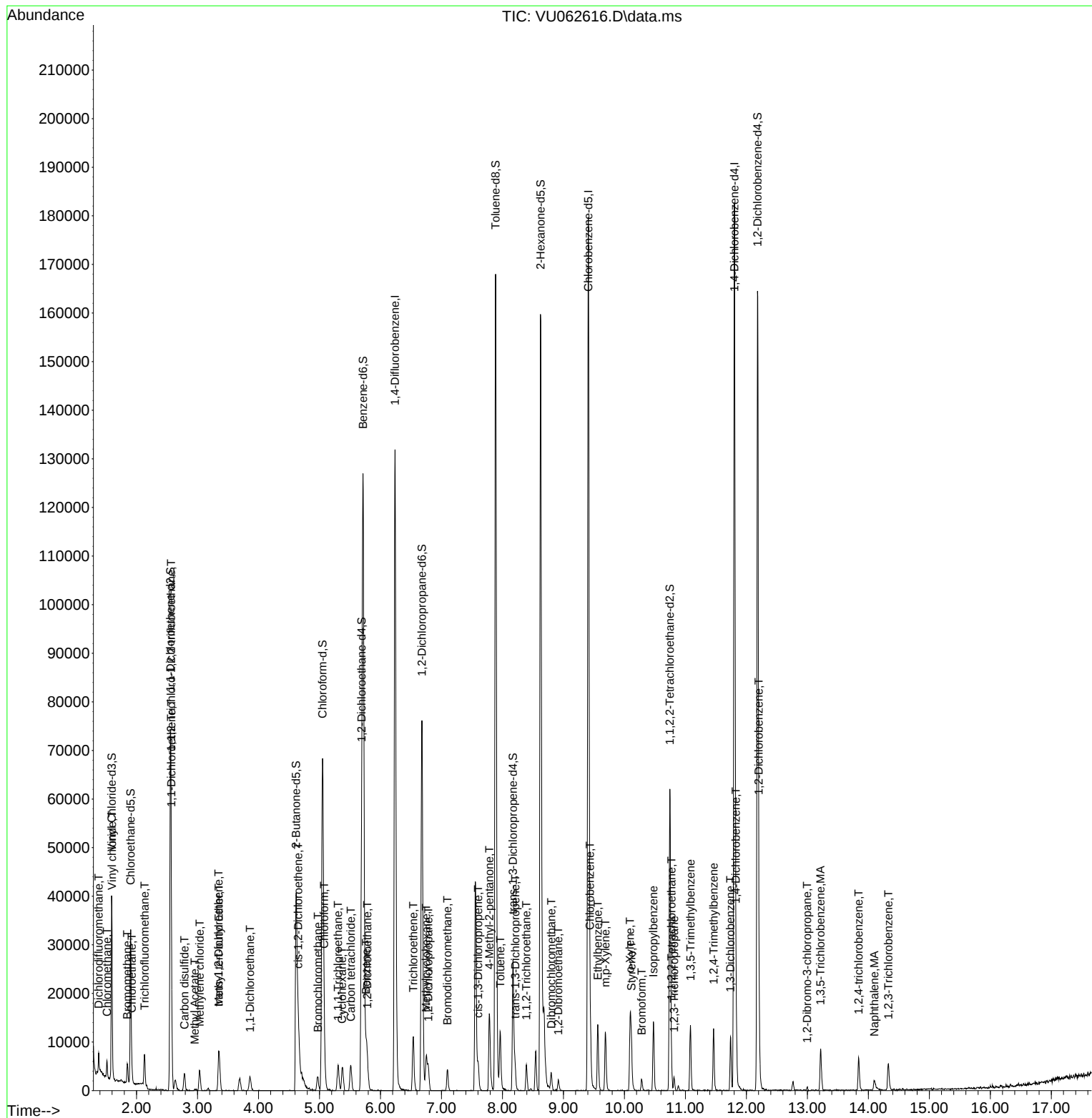
30) Cyclohexane	5.370	56	2753	0.236	ug/L	92
31) Carbon tetrachloride	5.515	117	3707	0.281	ug/L	94
33) Benzene	5.766	78	9106	0.288	ug/L	100
34) Trichloroethene	6.541	95	4357	0.486	ug/L	93
35) Methylcyclohexane	6.750	83	3048	0.229	ug/L	95
37) 1,2-Dichloropropane	6.785	63	2167	0.281	ug/L #	87
38) Bromodichloromethane	7.097	83	3387	0.312	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	3608	0.292	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	10568	2.926	ug/L #	89
42) Toluene	7.965	91	9550	0.280	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	3105	0.308	ug/L	84
45) 1,1,2-Trichloroethane	8.393	97	1793	0.308	ug/L	94
49) Dibromochloromethane	8.801	129	2089	0.297	ug/L	93
50) 1,2-Dibromoethane	8.917	107	1744	0.312	ug/L #	96
51) Chlorobenzene	9.438	112	5979	0.273	ug/L	96
52) Ethylbenzene	9.563	91	10376	0.271	ug/L	98
53) m,p-Xylene	9.688	106	3820	0.270	ug/L	95
54) o-Xylene	10.094	106	3879	0.282	ug/L	88
55) Styrene	10.116	104	5864	0.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	1964	0.290	ug/L #	92
59) Bromoform	10.283	173	1244	0.313	ug/L #	89
60) Isopropylbenzene	10.476	105	10114	0.277	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	1511	0.323	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	8827	0.285	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	7936	0.262	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	4992	0.297	ug/L	90
65) 1,4-Dichlorobenzene	11.830	146	5067	0.299	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	4722	0.304	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	222	0.217	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	3647	0.292	ug/L	99
70) 1,2,4-trichlorobenzene	13.843	180	2977	0.302	ug/L	90
71) Naphthalene	14.100	128	3954	0.267	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.328	180	2512	0.289	ug/L	96

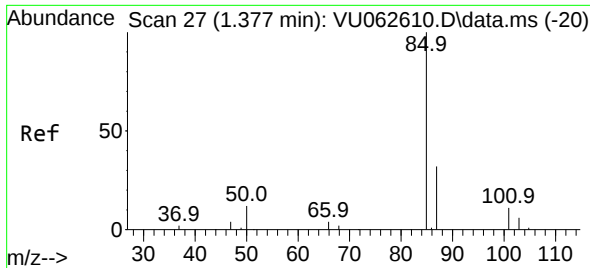
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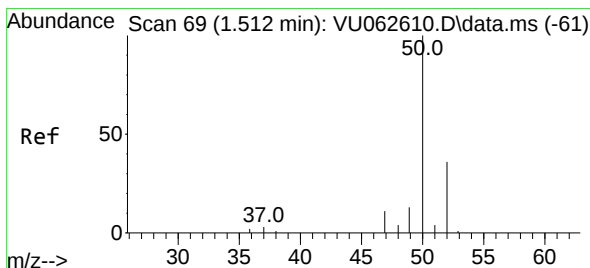
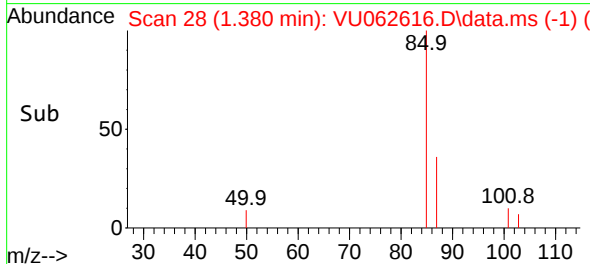
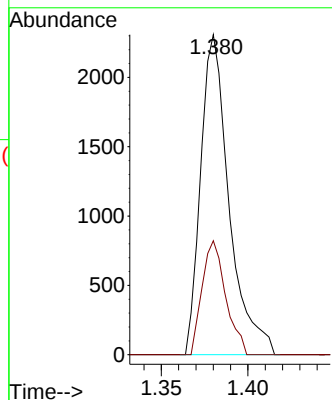
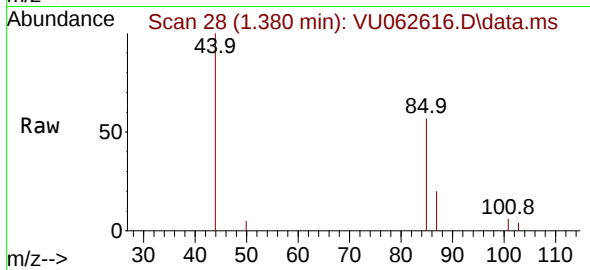




#2
Dichlorodifluoromethane
Concen: 0.258 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

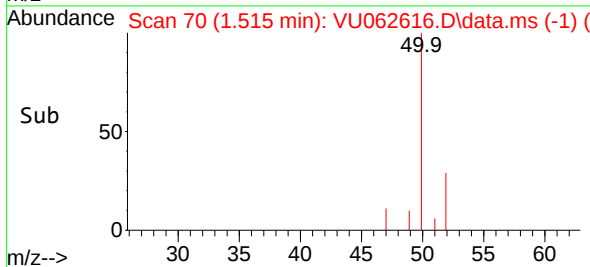
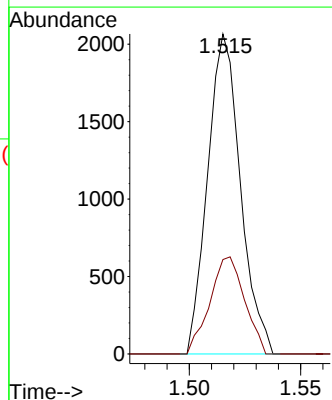
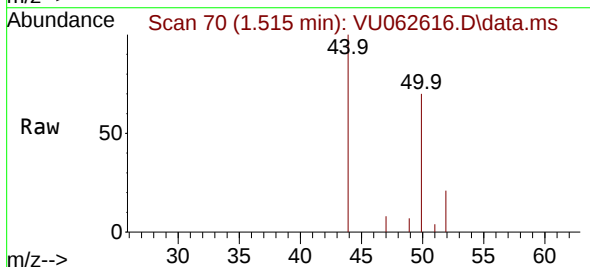
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MSVOA_U
ClientSampleId :

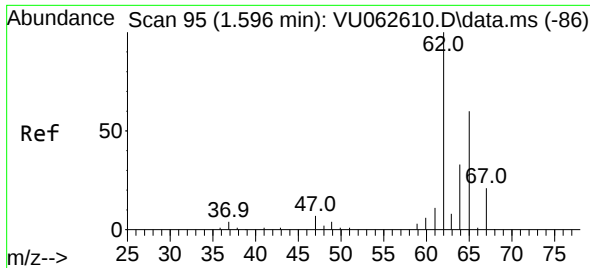
Tgt Ion: 85 Resp: 2631
Ion Ratio Lower Upper
85 100
87 29.6 26.6 40.0



#3
Chloromethane
Concen: 0.264 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion: 50 Resp: 2109
Ion Ratio Lower Upper
50 100
52 29.5 23.1 42.9

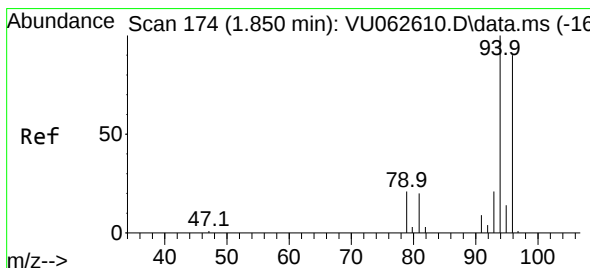
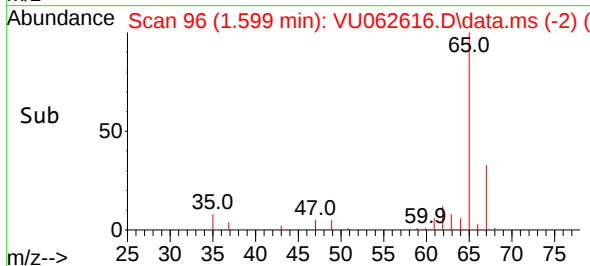
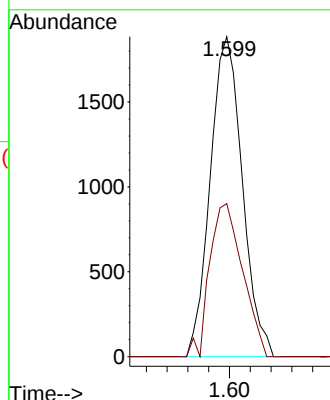
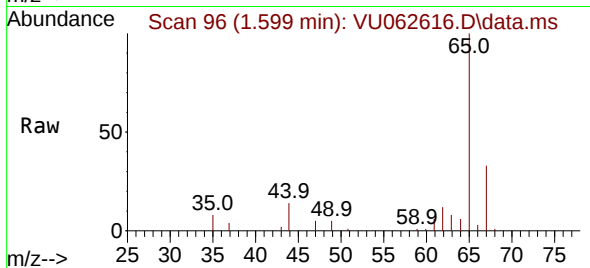




#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.599 min Scan# 95
 Delta R.T. 0.003 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

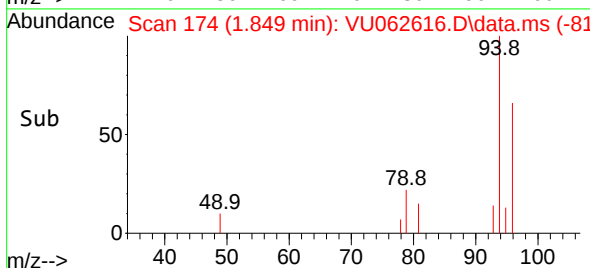
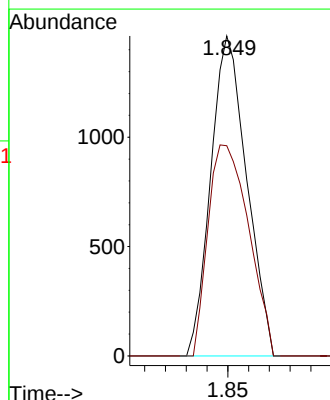
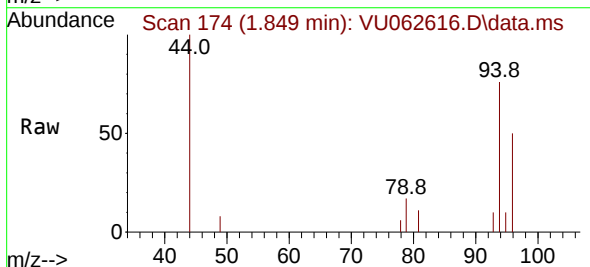
Instrument :
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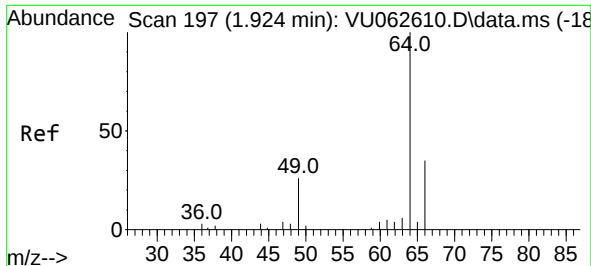
Tgt Ion: 62 Resp: 2020
 Ion Ratio Lower Upper
 62 100
 64 47.9 23.1 42.9#



#6
 Bromomethane
 Concen: 0.317 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

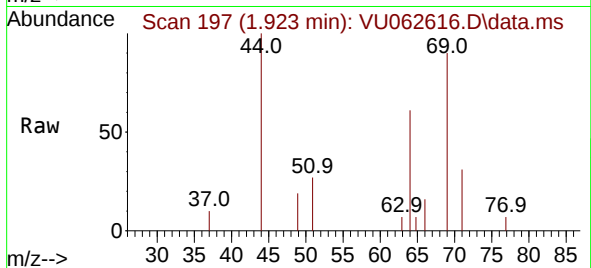
Tgt Ion: 94 Resp: 1758
 Ion Ratio Lower Upper
 94 100
 96 65.7 64.5 119.9



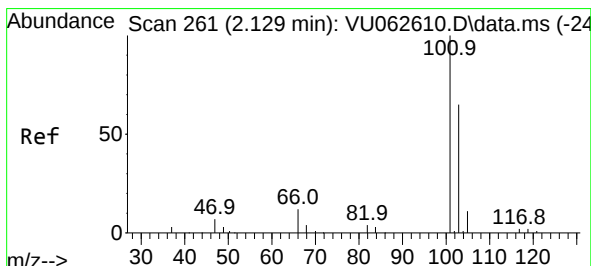
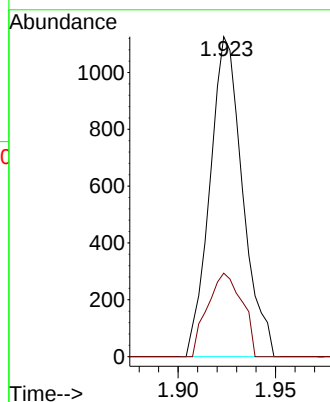
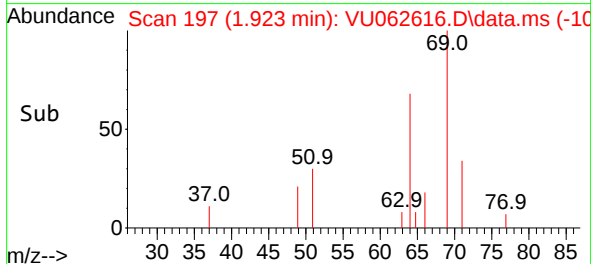


#8
Chloroethane
Concen: 0.282 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

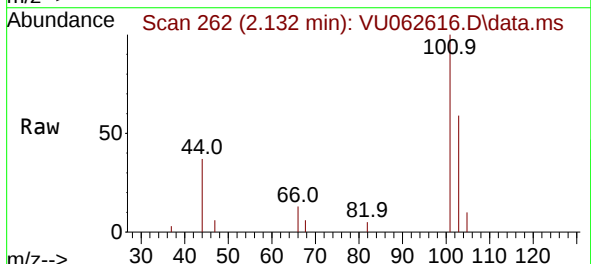
Instrument :
MSVOA_U
ClientSampleId :



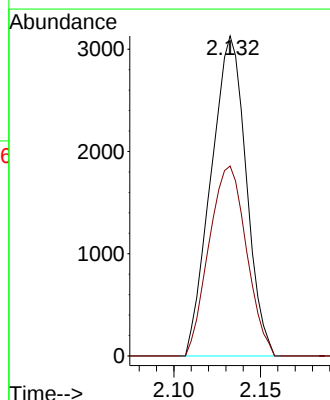
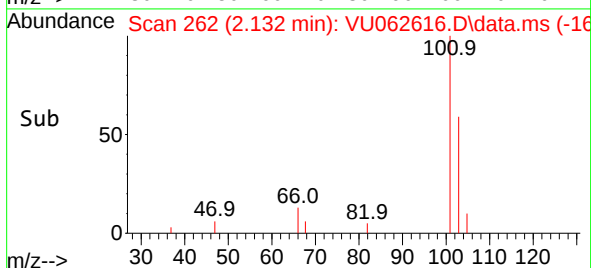
Tgt Ion: 64 Resp: 1317
Ion Ratio Lower Upper
64 100
66 23.4 23.2 43.2

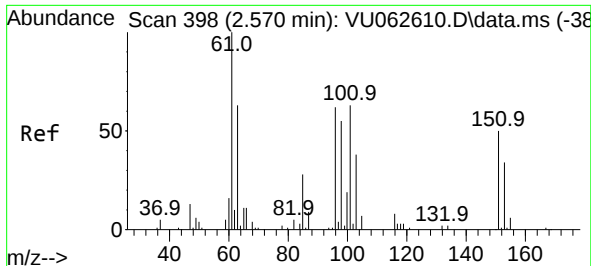


#9
Trichlorofluoromethane
Concen: 0.305 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37



Tgt Ion: 101 Resp: 4414
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8

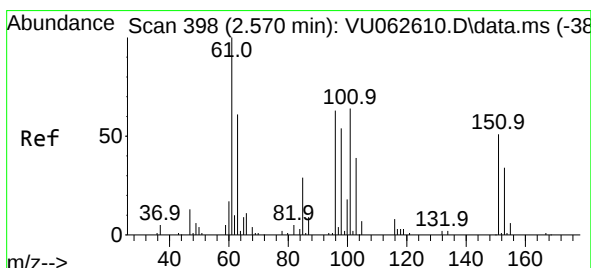
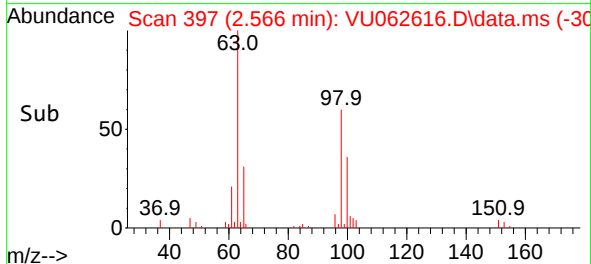
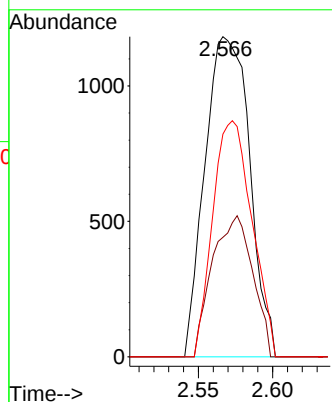
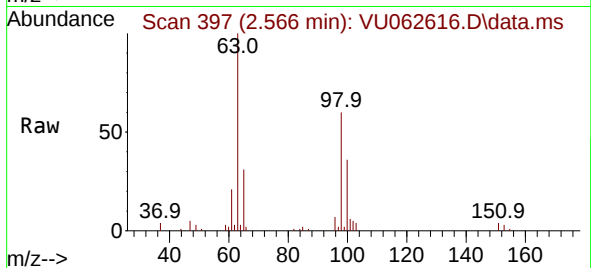




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.314 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.004 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

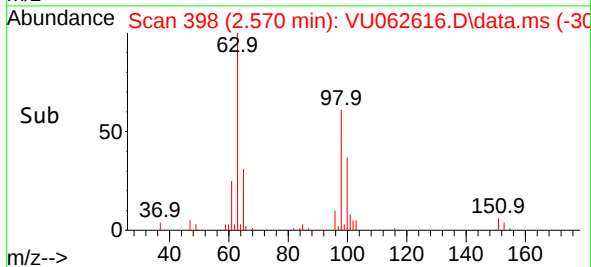
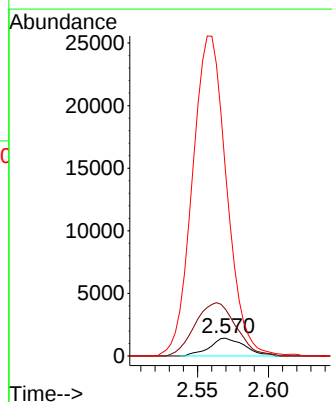
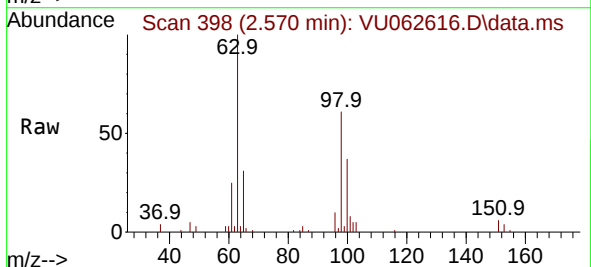
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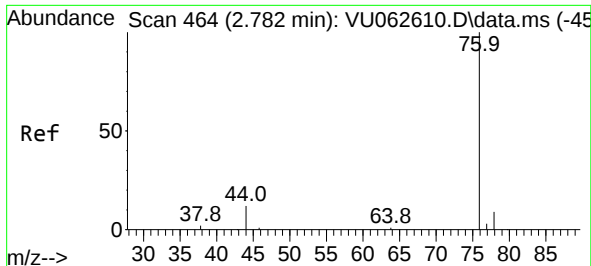
Tgt Ion:101 Resp: 2473
Ion Ratio Lower Upper
101 100
85 39.8 38.0 57.0
151 64.9 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.333 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion: 96 Resp: 2451
Ion Ratio Lower Upper
96 100
61 262.6 119.6 222.2#
63 1038.6 65.0 120.6#

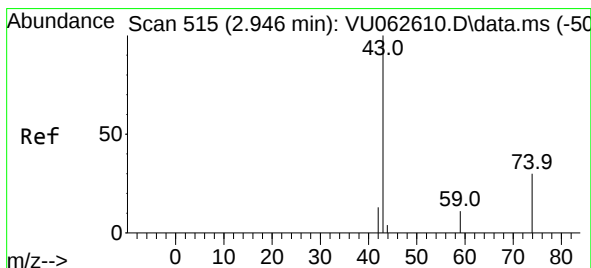
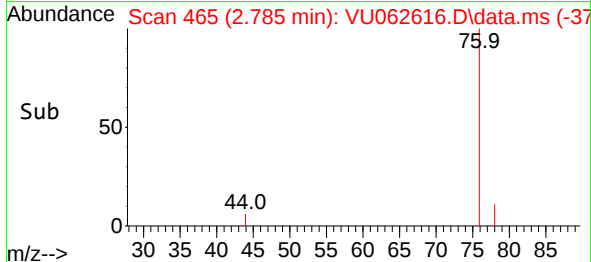
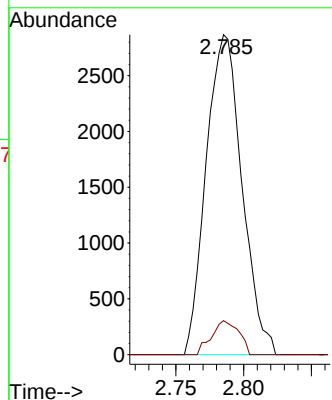
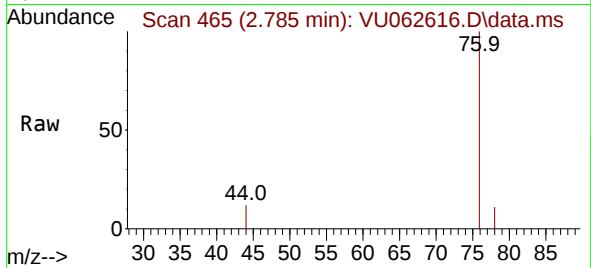




#14
Carbon disulfide
Concen: 0.227 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

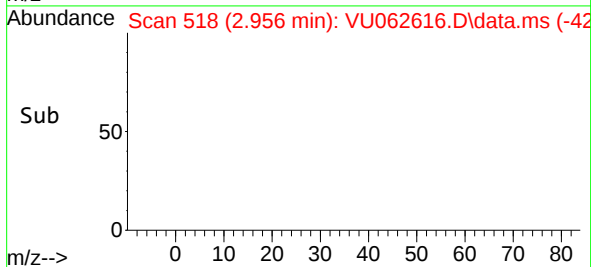
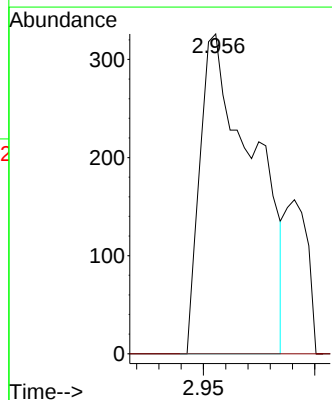
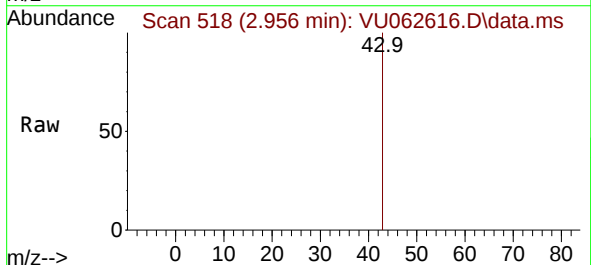
Instrument :
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ClientSampleId :

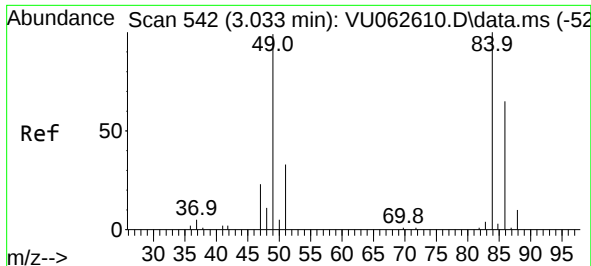
Tgt Ion: 76 Resp: 5271
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#15
Methyl Acetate
Concen: 0.227 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.009 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

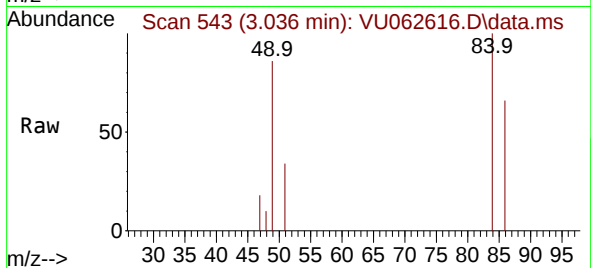
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



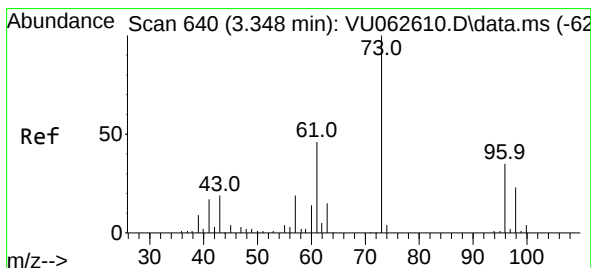
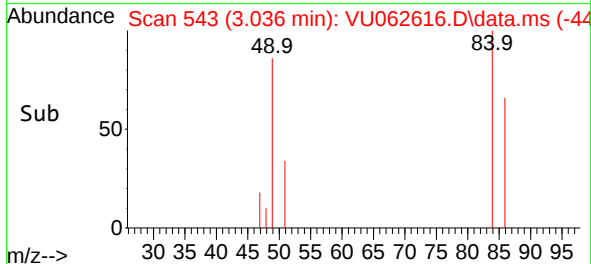
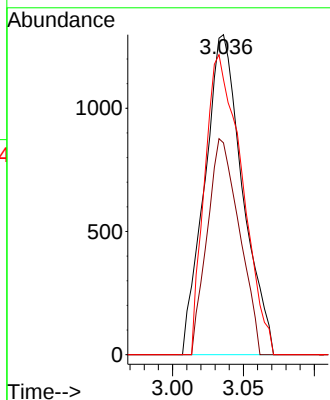


#16
Methylene chloride
Concen: 0.312 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :

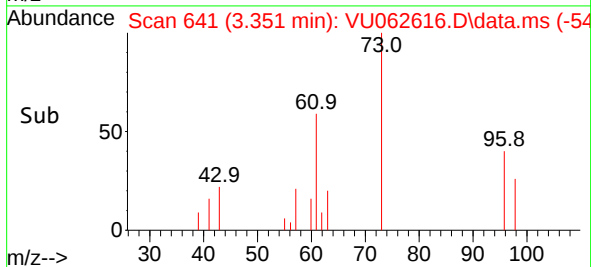
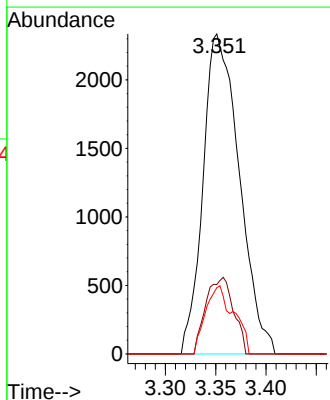
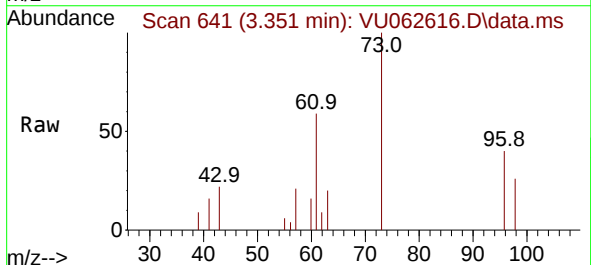


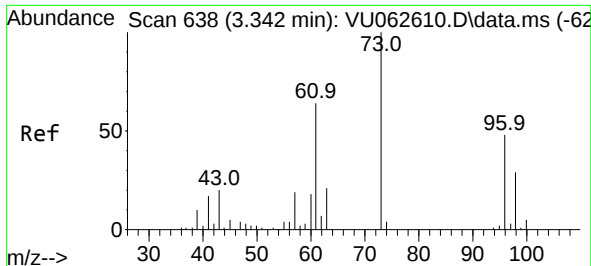
Tgt Ion: 84 Resp: 2409
Ion Ratio Lower Upper
84 100
86 66.2 43.5 80.7
49 86.0 81.9 152.1



#17
Methyl tert-butyl Ether
Concen: 0.320 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

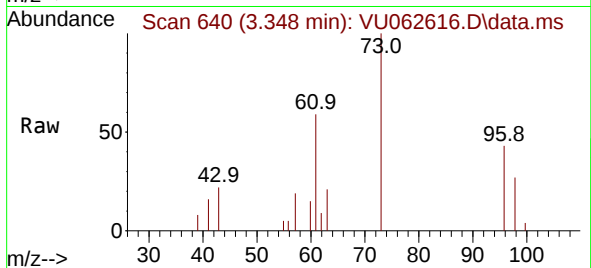
Tgt Ion: 73 Resp: 5857
Ion Ratio Lower Upper
73 100
43 18.3 16.3 24.5
57 16.5 17.1 25.7#



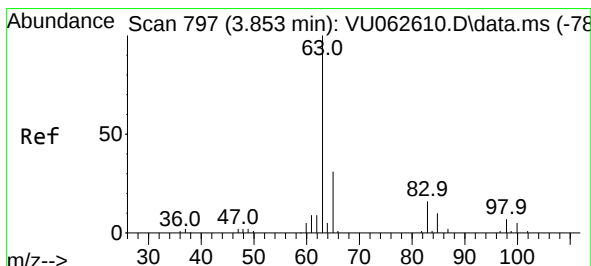
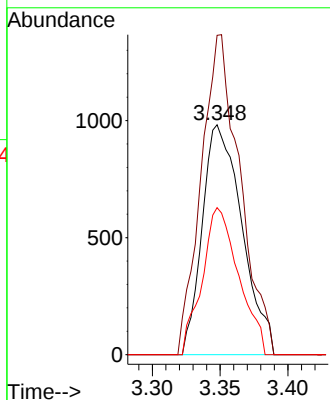
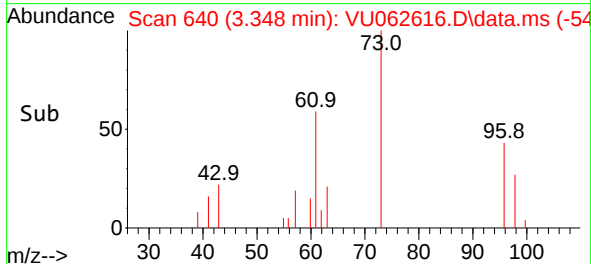


#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

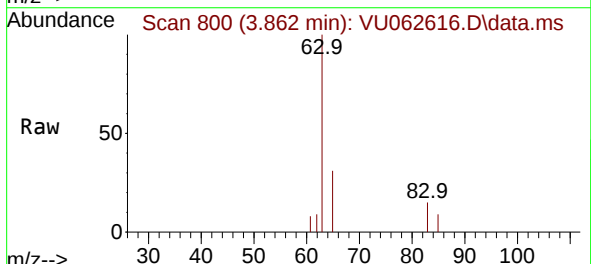
Instrument :
MSVOA_U
ClientSampleId :



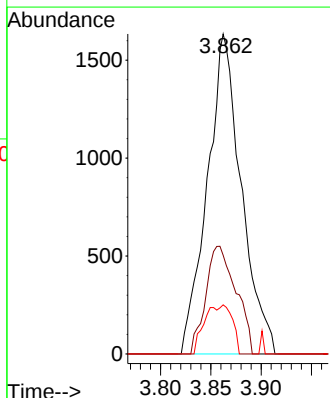
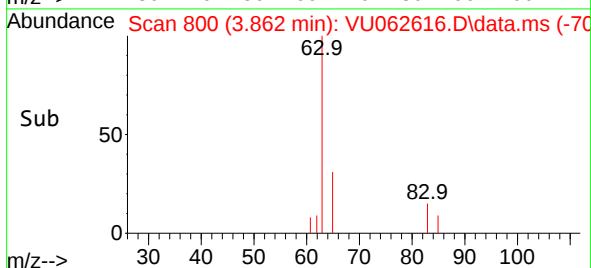
Tgt Ion: 96 Resp: 2000
Ion Ratio Lower Upper
96 100
61 138.9 104.2 193.4
98 64.0 45.7 84.9

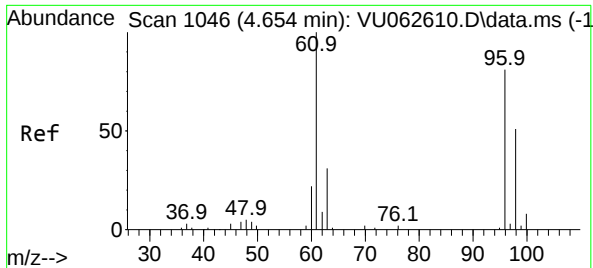


#19
1,1-Dichloroethane
Concen: 0.277 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.009 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37



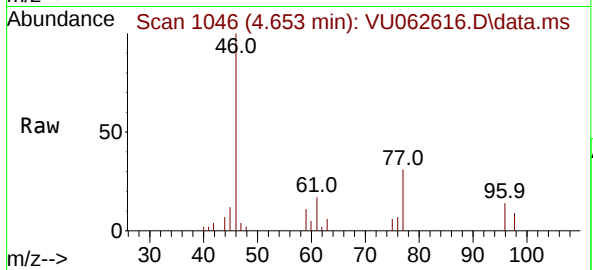
Tgt Ion: 63 Resp: 3836
Ion Ratio Lower Upper
63 100
65 30.8 22.7 42.3
83 15.4 9.9 18.3



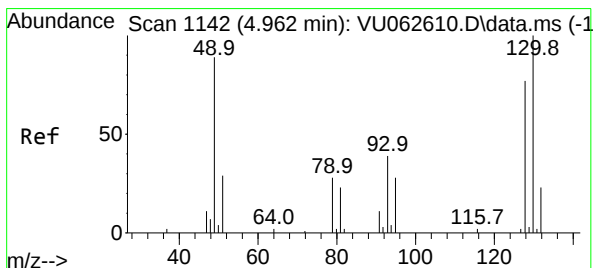
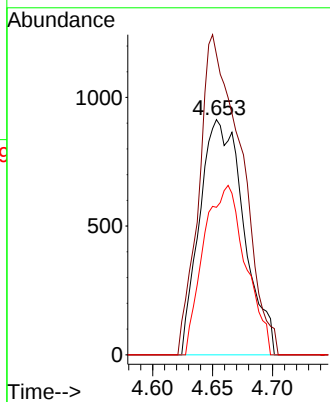
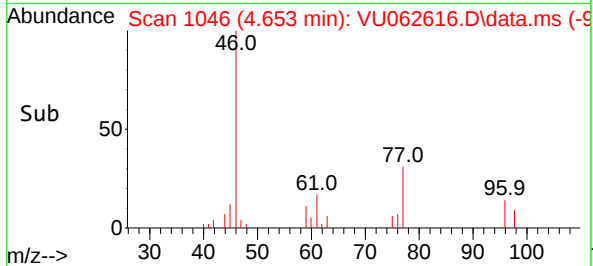


#22
 cis-1,2-Dichloroethene
 Concen: 0.275 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

Instrument :
 MSVOA_U
 ClientSampleId :

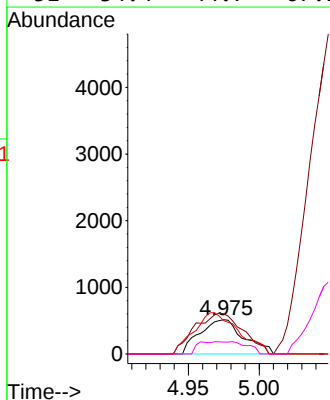
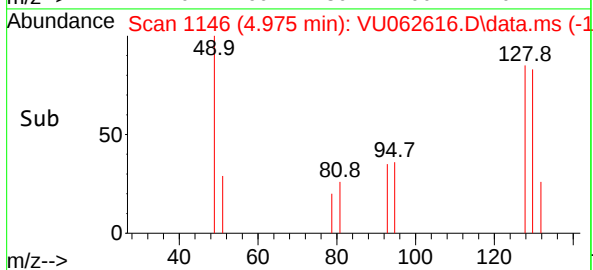
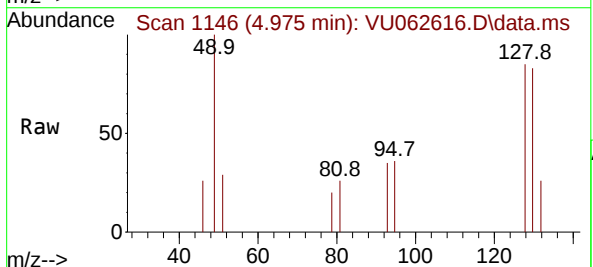


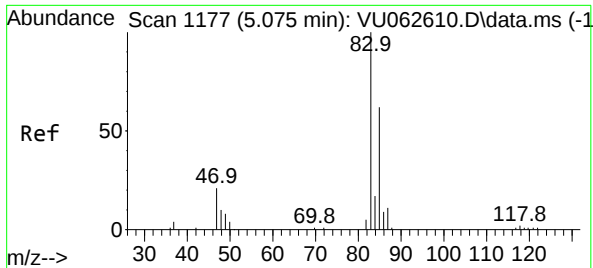
Tgt Ion: 96	Resp: 2332
Ion Ratio	Lower Upper
96 100	
61 127.7	92.0 170.8
98 62.7	44.5 82.7



#23
 Bromochloromethane
 Concen: 0.299 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.013 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

Tgt	Ion:128	Resp:	1111
	Ratio	Lower	Upper
128	100		
49	117.3	115.3	214.1
130	97.7	92.0	170.8
51	34.4	44.7	67.1#





#25

Chloroform

Concen: 0.329 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

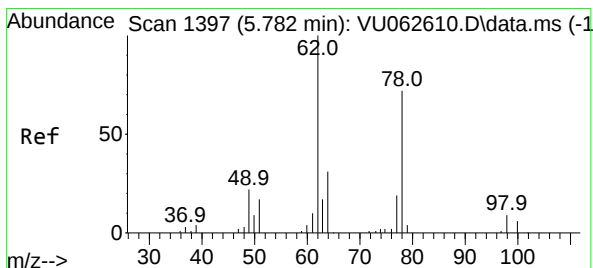
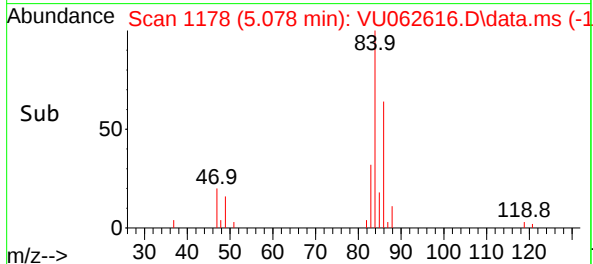
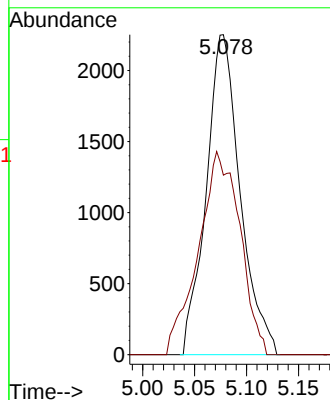
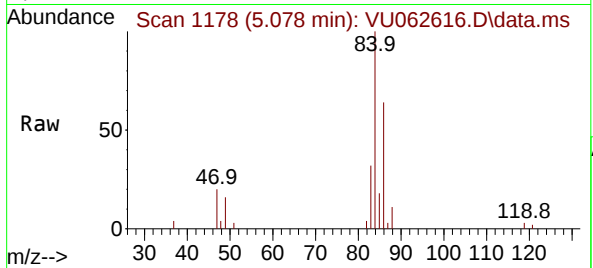
ClientSampleId :

Tgt Ion: 83 Resp: 5125

Ion Ratio Lower Upper

83 100

85 56.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.187 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU062616.D

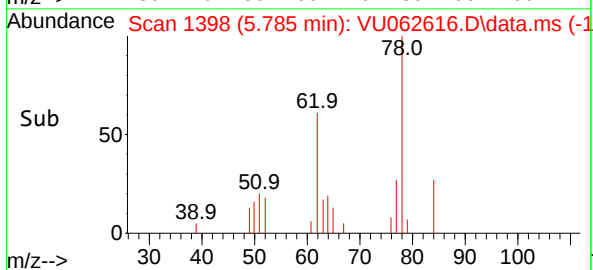
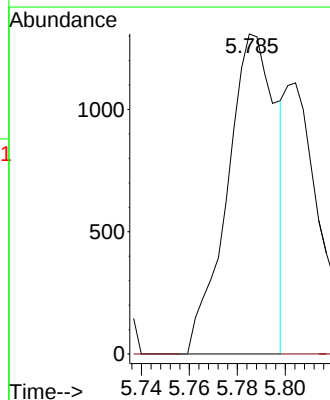
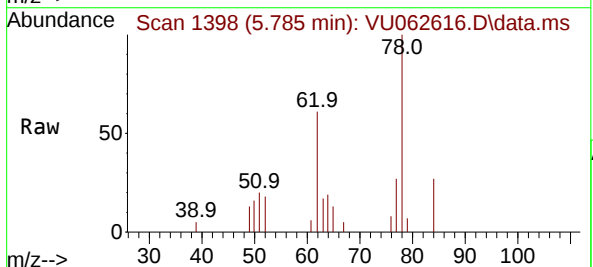
Acq: 27 Dec 2024 14:37

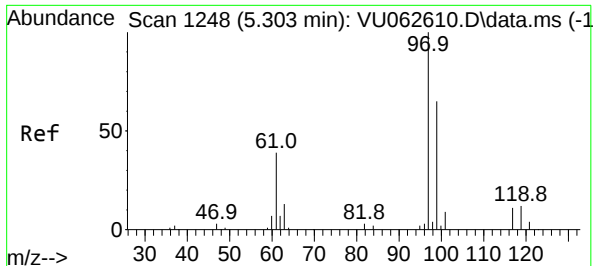
Tgt Ion: 62 Resp: 1854

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#

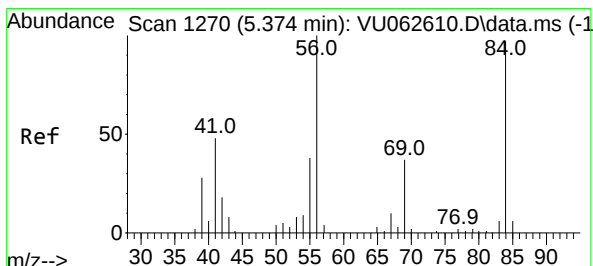
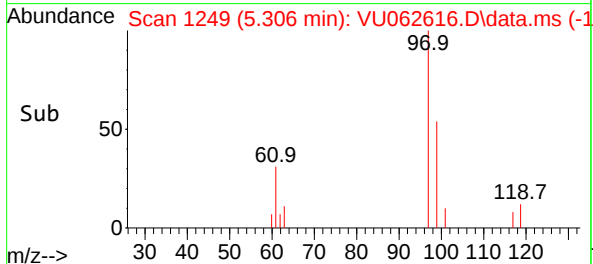
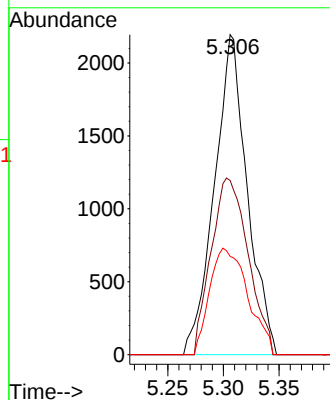
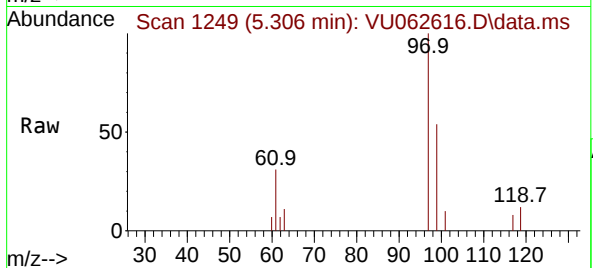




#29
1,1,1-Trichloroethane
Concen: 0.313 ug/L
RT: 5.306 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

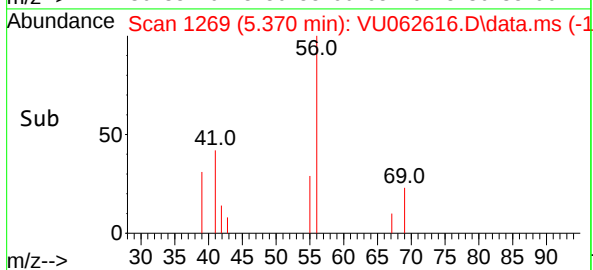
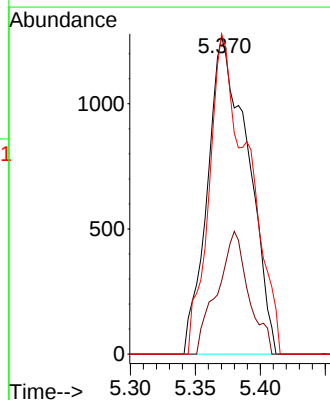
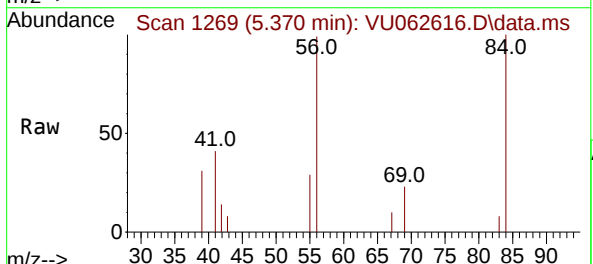
Instrument :
MSVOA_U
ClientSampleId :

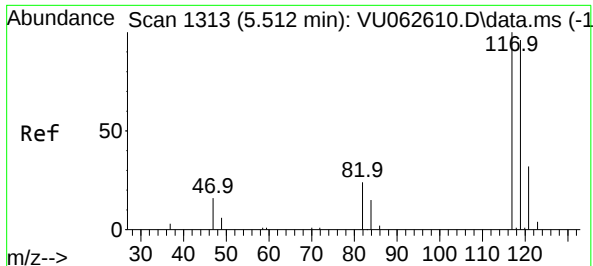
Tgt Ion: 97	Resp: 4495
Ion Ratio	Lower Upper
97 100	
99 62.4	51.4 77.2
61 38.8	37.8 56.6



#30
Cyclohexane
Concen: 0.236 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion: 56	Resp: 2753
Ion Ratio	Lower Upper
56 100	
69 29.9	25.1 37.7
84 97.8	70.6 105.8

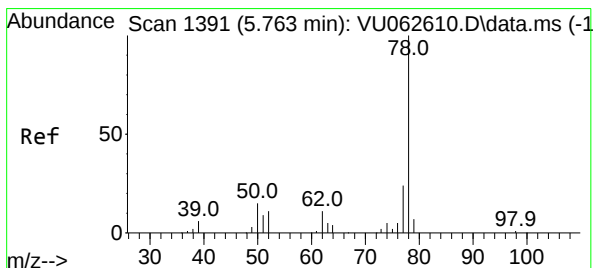
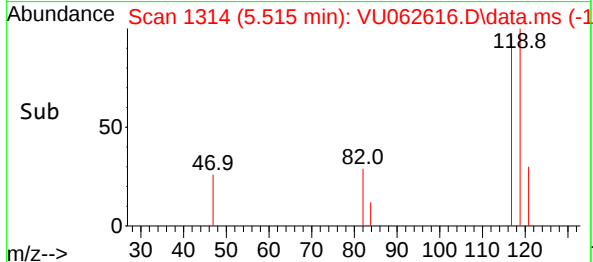
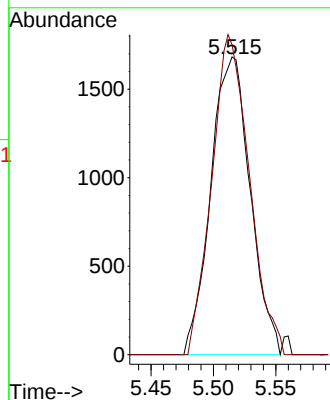
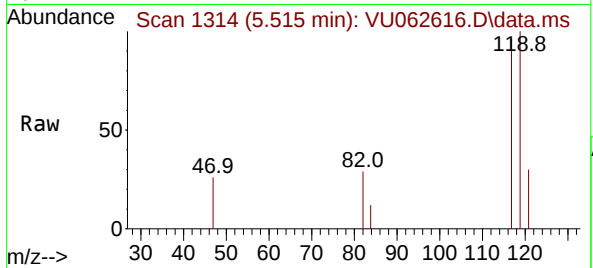




#31
Carbon tetrachloride
Concen: 0.281 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

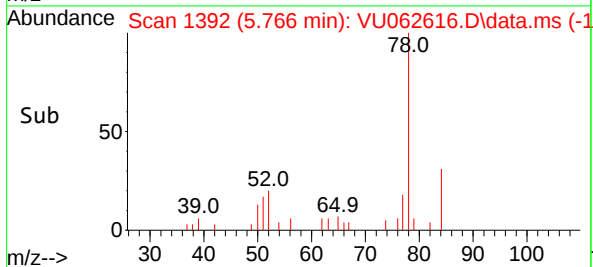
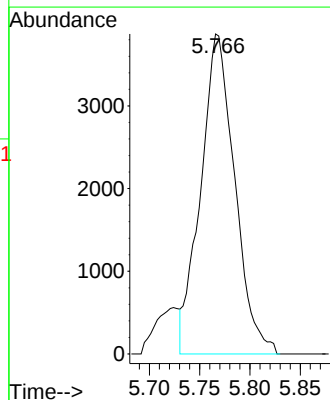
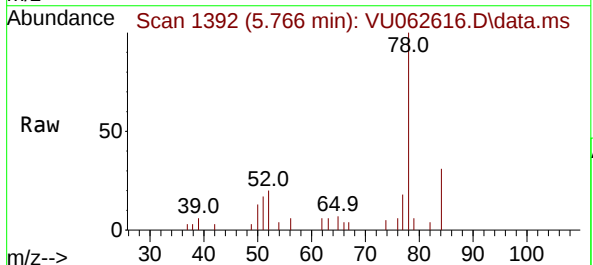
Instrument :
MSVOA_U
ClientSampleId :

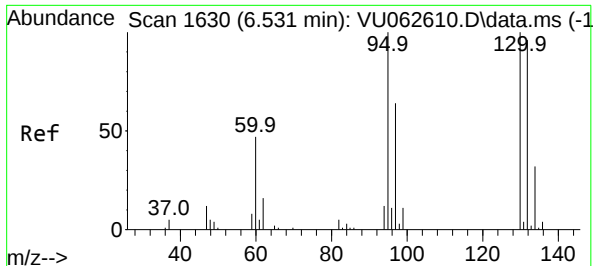
Tgt Ion:117 Resp: 3707
Ion Ratio Lower Upper
117 100
119 102.7 77.5 116.3



#33
Benzene
Concen: 0.288 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion: 78 Resp: 9106





#34

Trichloroethene

Concen: 0.486 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4357

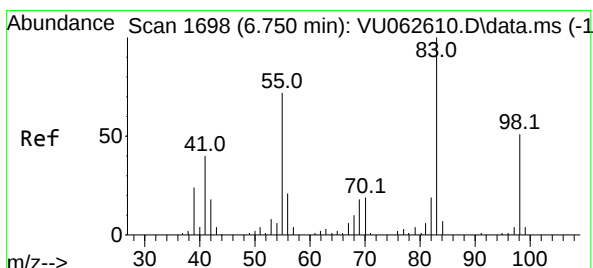
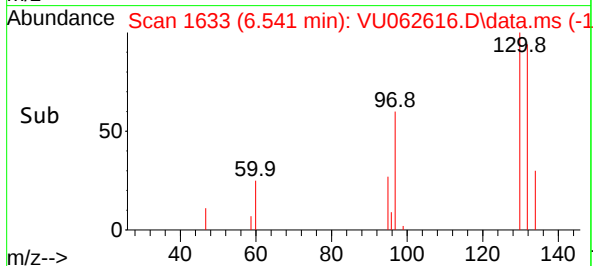
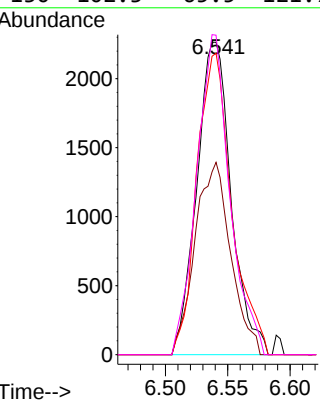
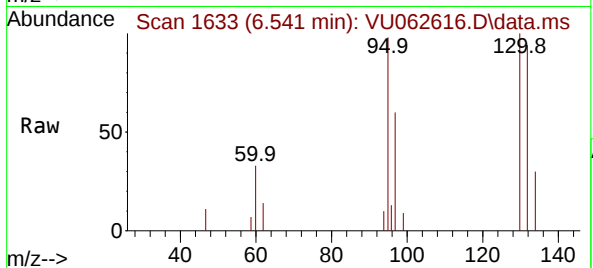
Ion Ratio Lower Upper

95 100

97 61.5 45.9 85.3

132 96.5 63.8 118.4

130 102.3 65.5 121.7



#35

Methylcyclohexane

Concen: 0.229 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

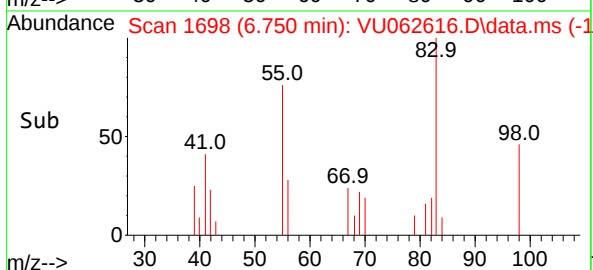
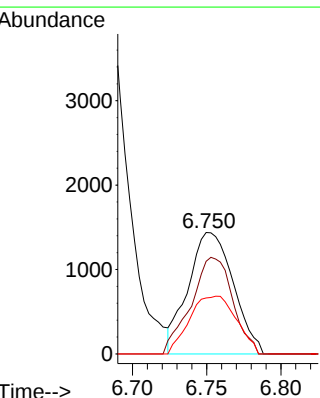
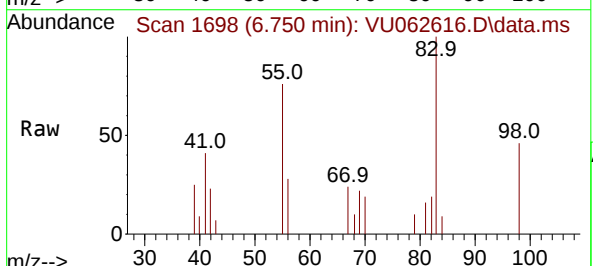
Tgt Ion: 83 Resp: 3048

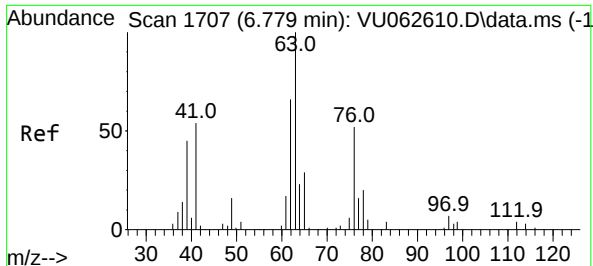
Ion Ratio Lower Upper

83 100

55 73.2 60.7 91.1

98 49.3 34.8 52.2

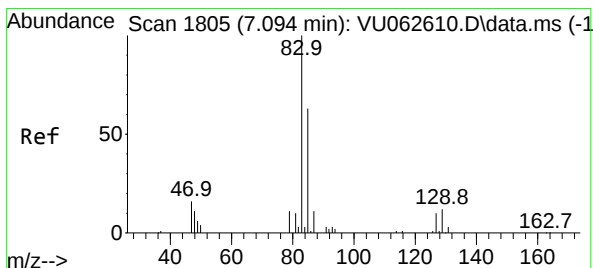
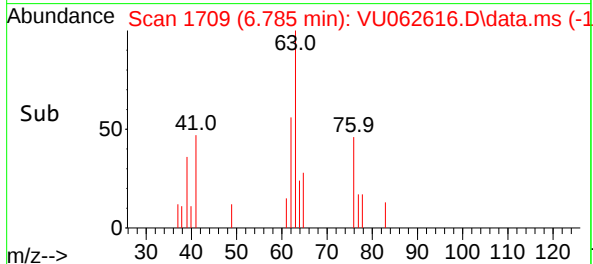
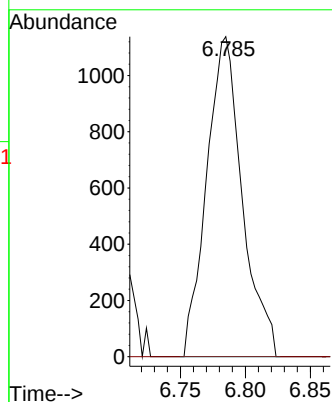
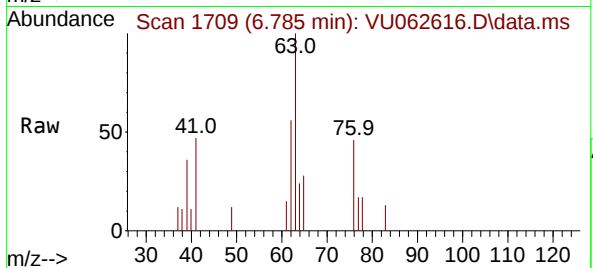




#37
1,2-Dichloropropane
Concen: 0.281 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

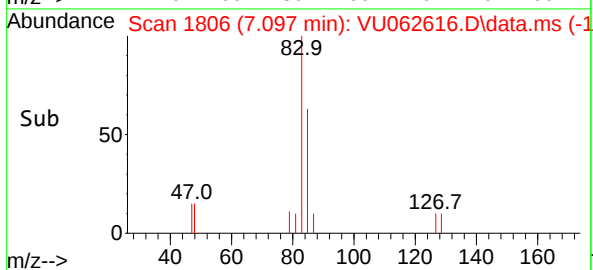
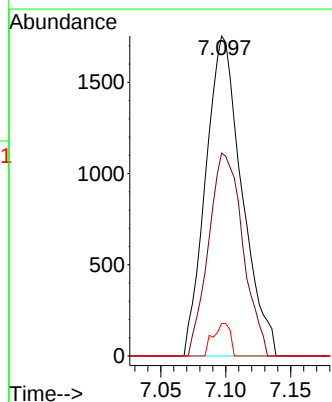
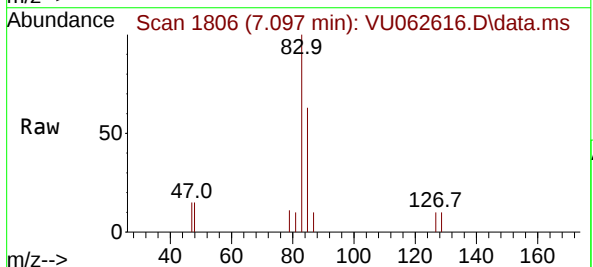
Instrument :
MSVOA_U
ClientSampleId :

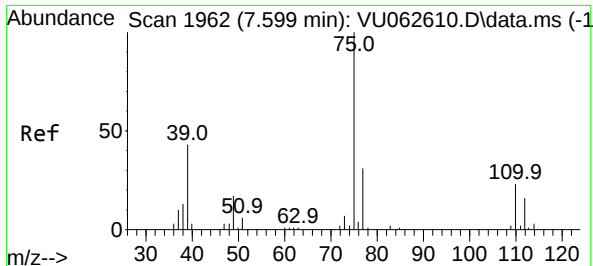
Tgt Ion: 63 Resp: 2167
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.312 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion: 83 Resp: 3387
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 10.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.292 ug/L

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

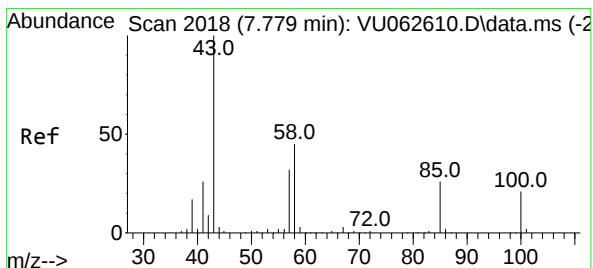
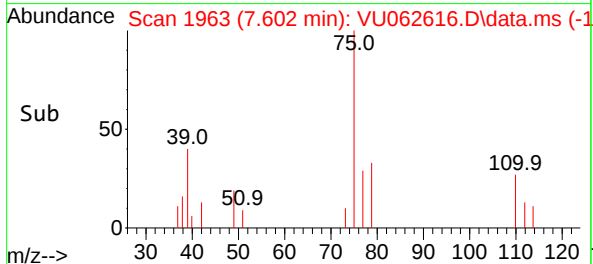
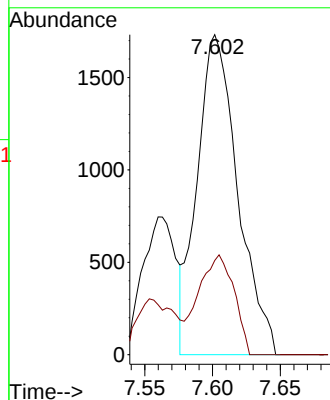
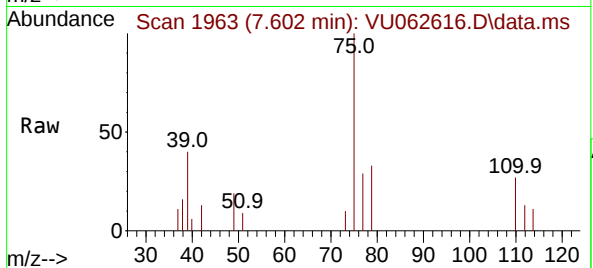
ClientSampleId :

Tgt Ion: 75 Resp: 3608

Ion Ratio Lower Upper

75 100

77 29.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 2.926 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

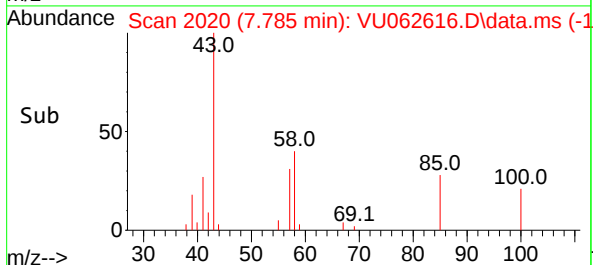
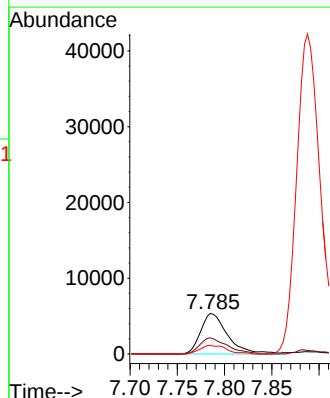
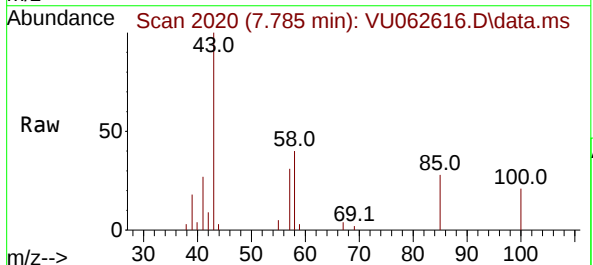
Tgt Ion: 43 Resp: 10568

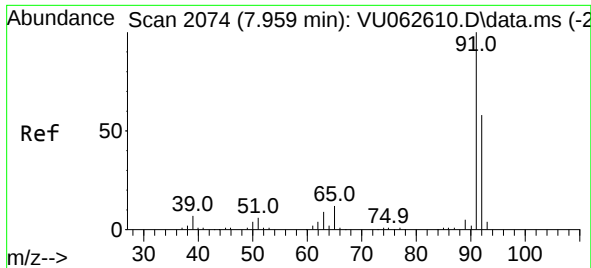
Ion Ratio Lower Upper

43 100

58 40.3 33.3 49.9

100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.280 ug/L

RT: 7.965 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

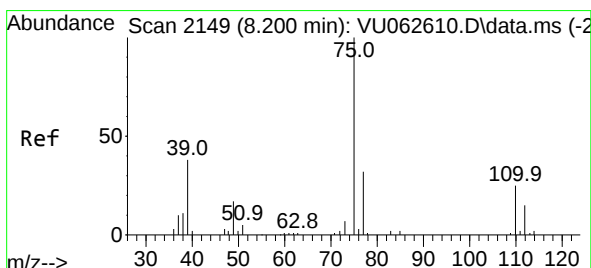
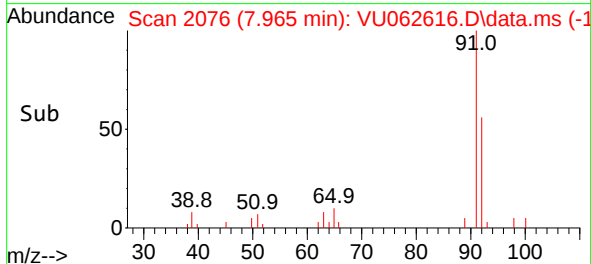
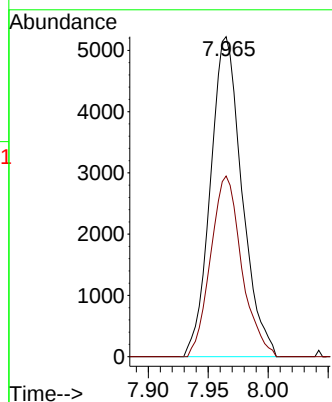
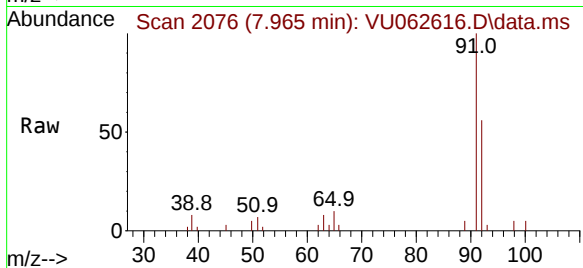
ClientSampleId :

Tgt Ion: 91 Resp: 9550

Ion Ratio Lower Upper

91 100

92 56.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.308 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.009 min

Lab File: VU062616.D

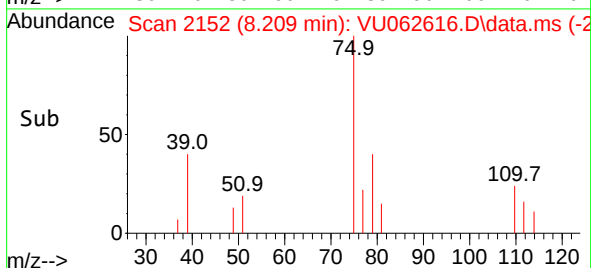
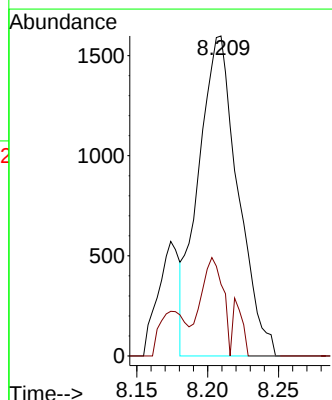
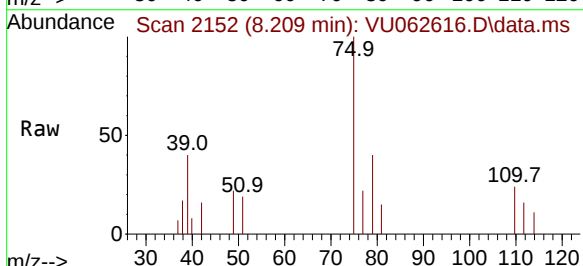
Acq: 27 Dec 2024 14:37

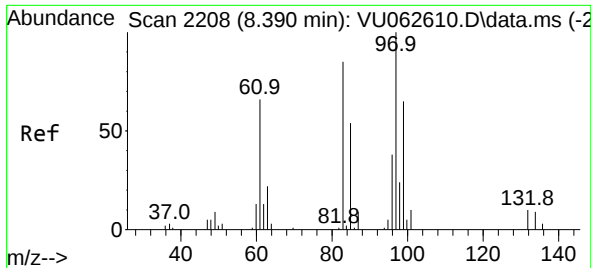
Tgt Ion: 75 Resp: 3105

Ion Ratio Lower Upper

75 100

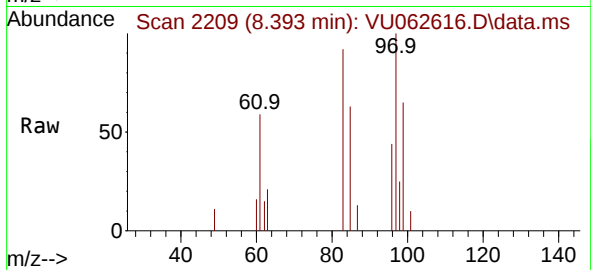
77 22.4 21.8 40.4



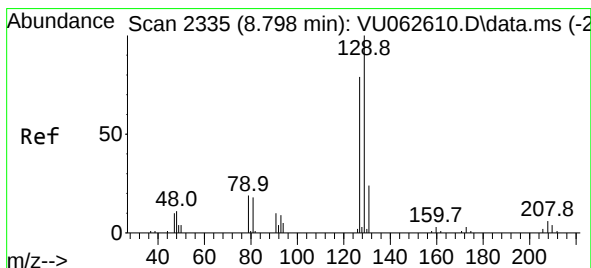
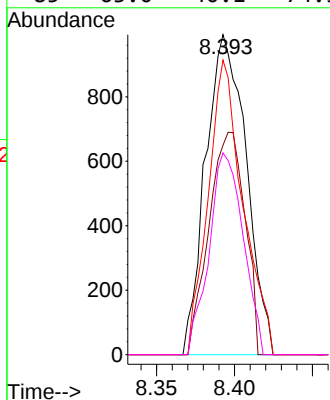
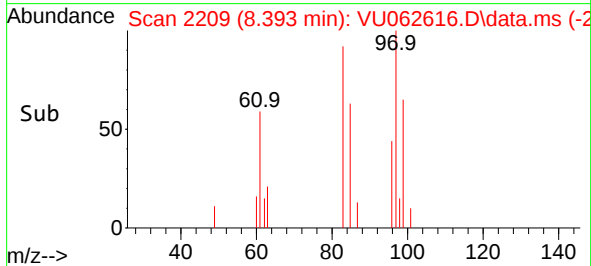


#45
1,1,2-Trichloroethane
Concen: 0.308 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :

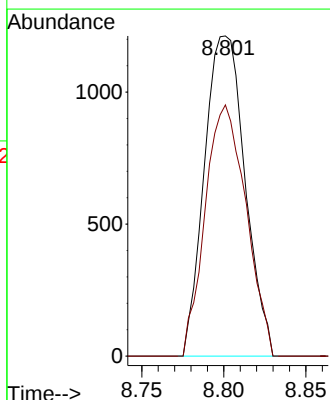
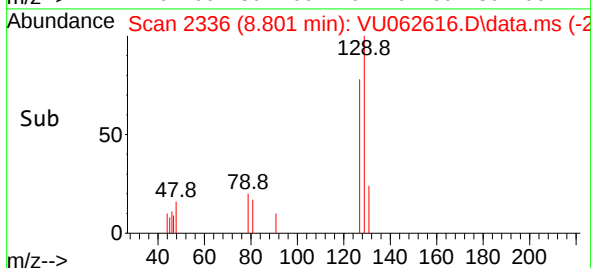
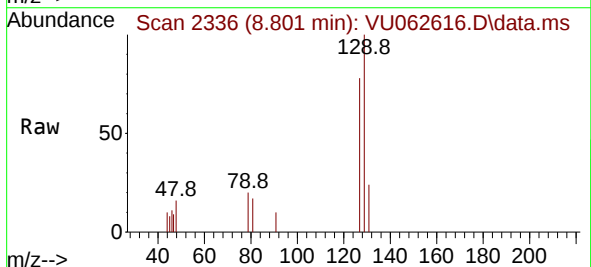


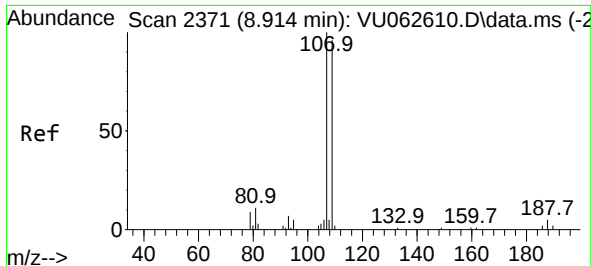
Tgt Ion: 97	Resp: 1793
Ion Ratio	Lower Upper
97 100	
99 65.5	43.0 79.8
83 92.0	61.7 114.5
85 63.0	40.1 74.5



#49
Dibromochloromethane
Concen: 0.297 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion:129	Resp: 2089		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	51.1	94.9	





#50

1,2-Dibromoethane

Concen: 0.312 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062616.D

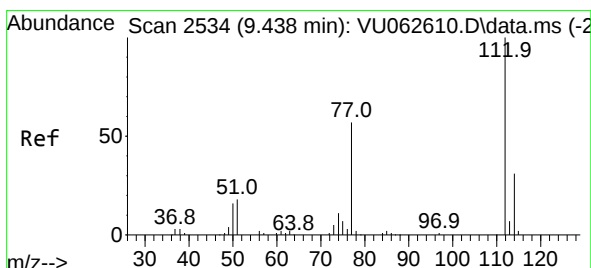
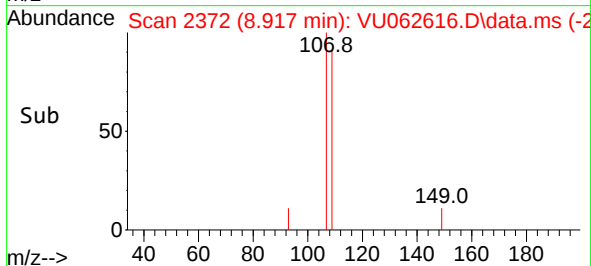
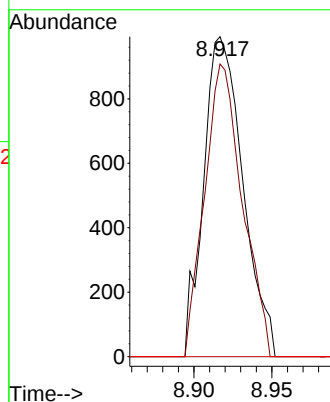
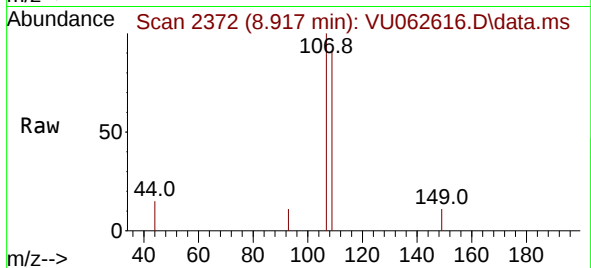
Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	1744
Ion	Ratio	Lower	Upper
107	100		
109	91.4	66.8	124.2
188	0.0	2.3	3.5#



#51

Chlorobenzene

Concen: 0.273 ug/L

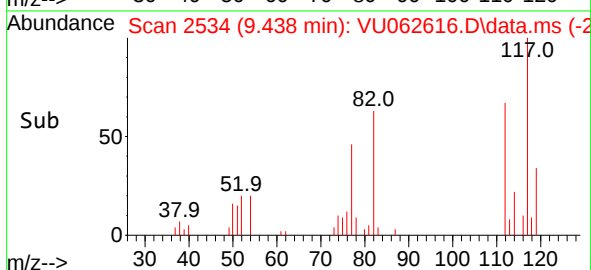
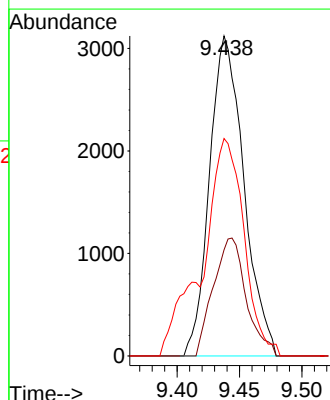
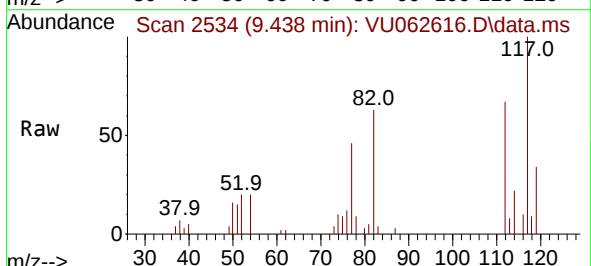
RT: 9.438 min Scan# 2534

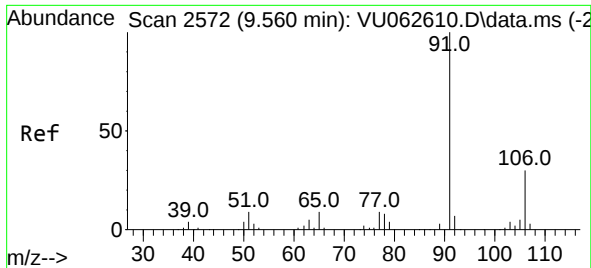
Delta R.T. -0.000 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt Ion:	112	Resp:	5979
Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.0	42.6
77	67.9	50.5	75.7

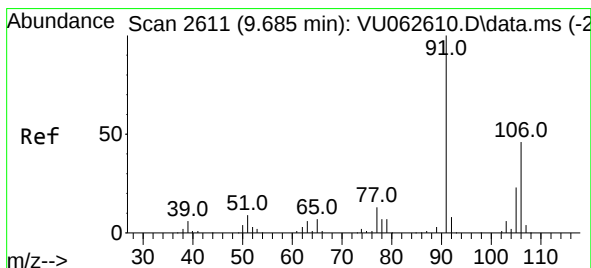
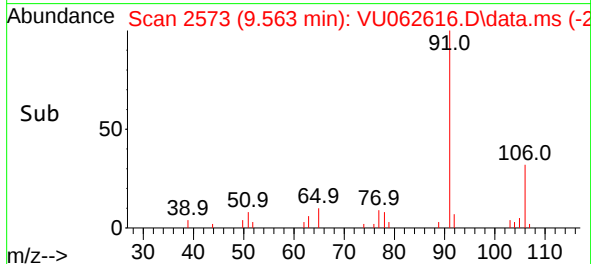
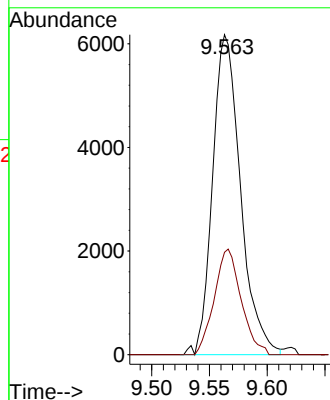
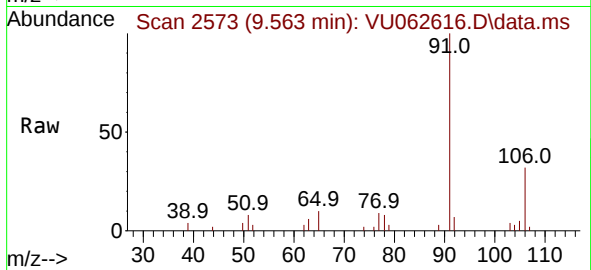




#52
Ethylbenzene
Concen: 0.271 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

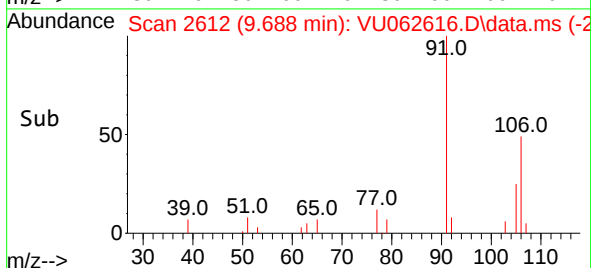
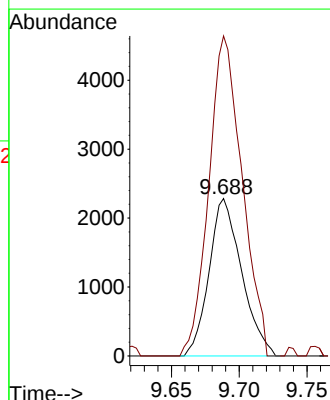
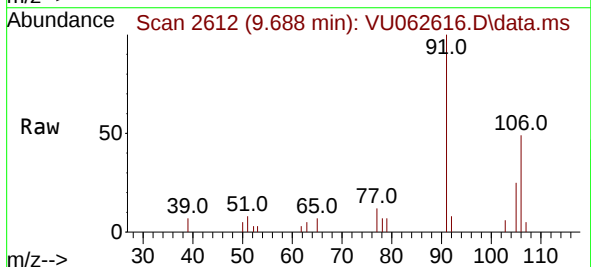
Instrument :
MSVOA_U
ClientSampleId :

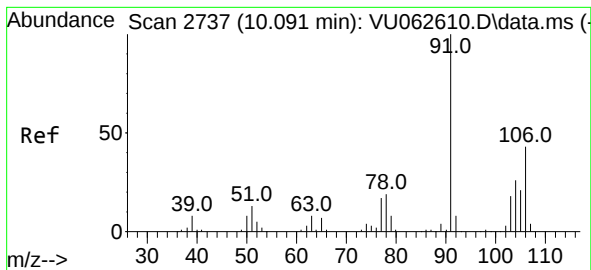
Tgt Ion: 91 Resp: 10376
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.0



#53
m,p-Xylene
Concen: 0.270 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion:106 Resp: 3820
Ion Ratio Lower Upper
106 100
91 203.2 147.6 274.0





#54

o-Xylene

Concen: 0.282 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

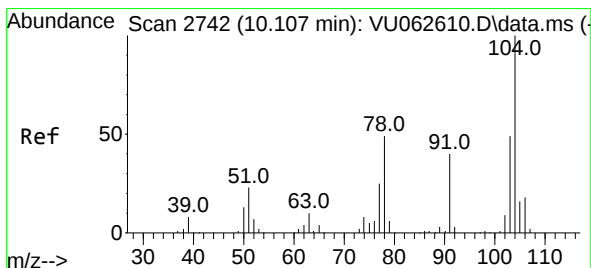
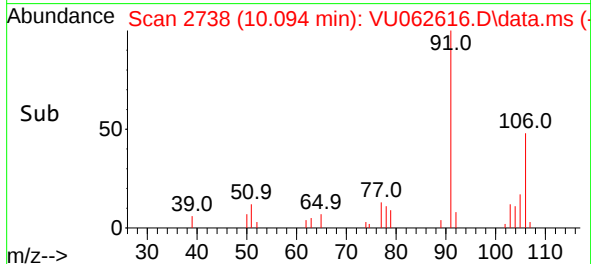
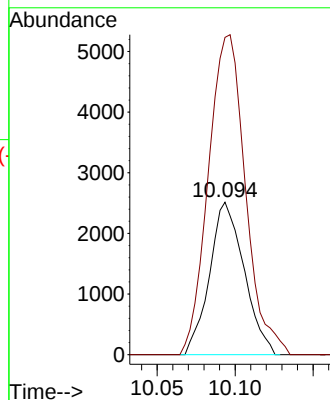
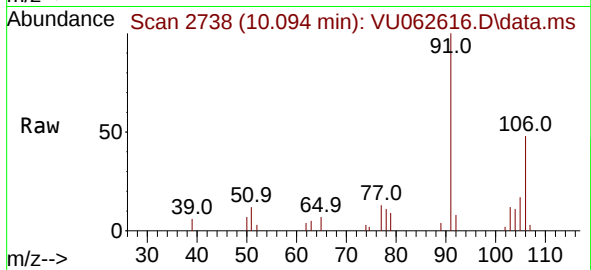
ClientSampleId :

Tgt Ion:106 Resp: 3879

Ion Ratio Lower Upper

106 100

91 208.1 159.8 296.8



#55

Styrene

Concen: 0.259 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.009 min

Lab File: VU062616.D

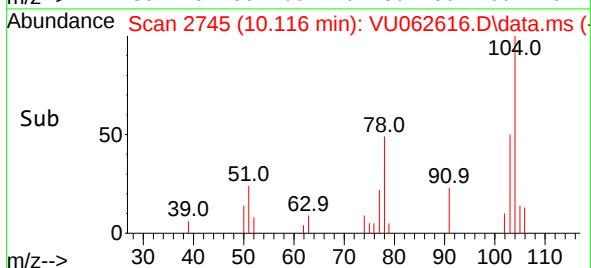
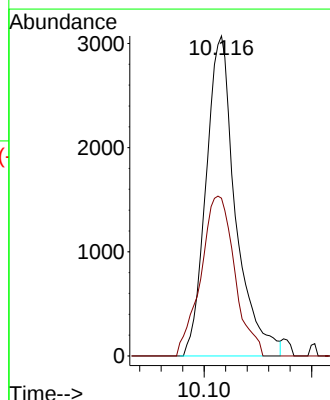
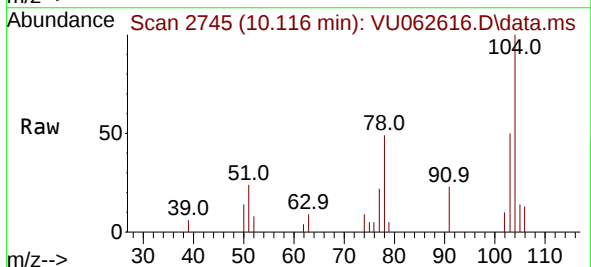
Acq: 27 Dec 2024 14:37

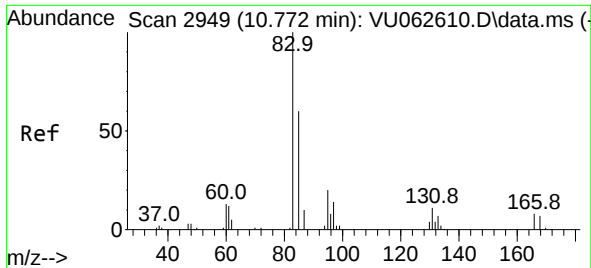
Tgt Ion:104 Resp: 5864

Ion Ratio Lower Upper

104 100

78 49.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.290 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062616.D

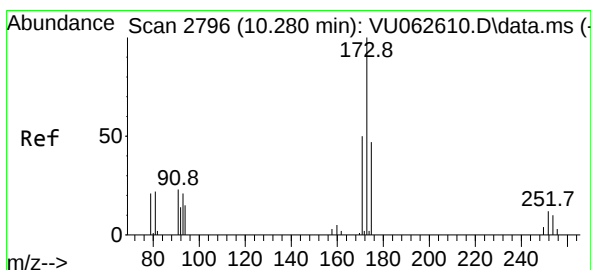
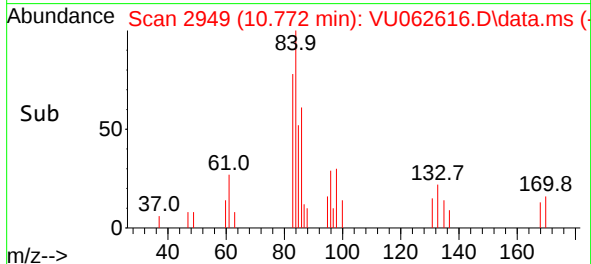
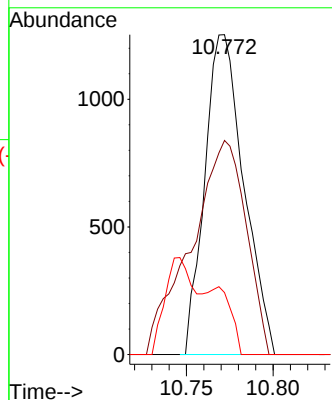
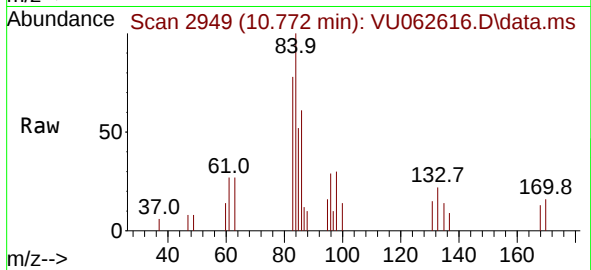
Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	1964
Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.4	82.4
131	19.4	7.3	10.9



#59

Bromoform

Concen: 0.313 ug/L

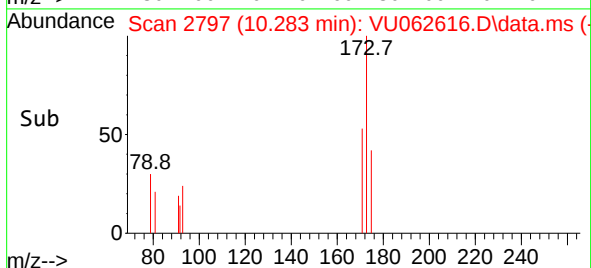
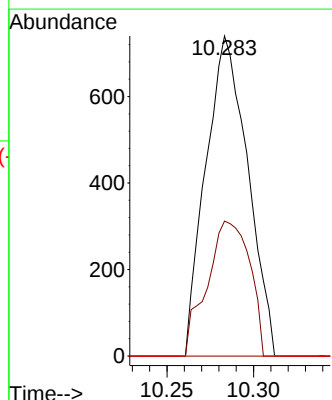
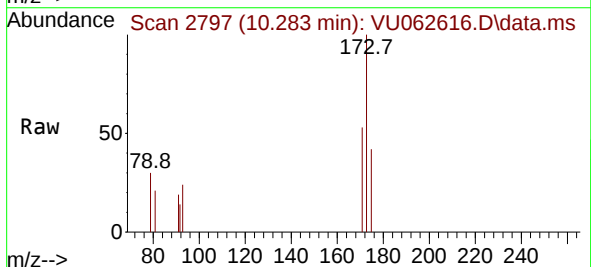
RT: 10.283 min Scan# 2797

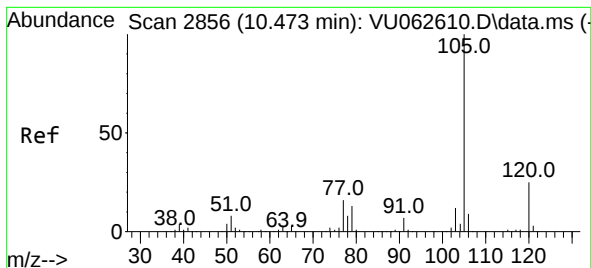
Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt Ion:	173	Resp:	1244
Ion	Ratio	Lower	Upper
173	100		
175	42.9	39.0	58.4
254	0.0	7.4	11.0





#60

Isopropylbenzene

Concen: 0.277 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

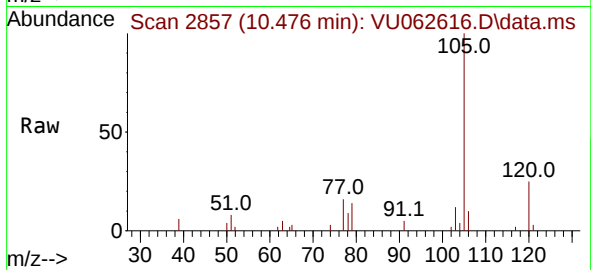
Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

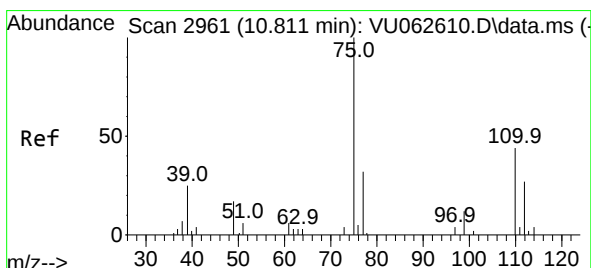
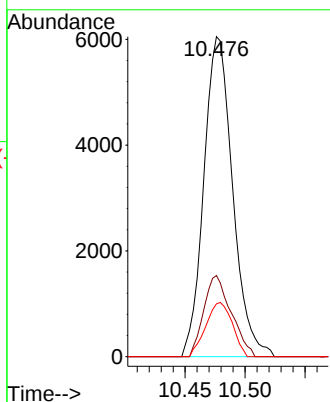
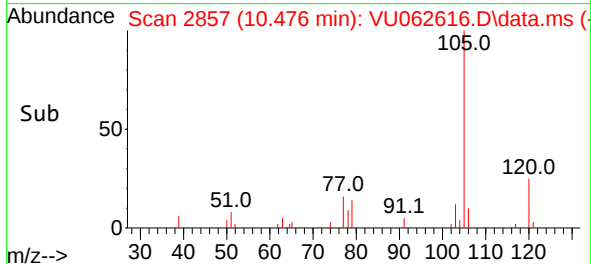
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	105	Resp:	10114
Ion	Ratio	Lower	Upper
105	100		
120	24.0	20.6	31.0
77	15.5	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 0.323 ug/L

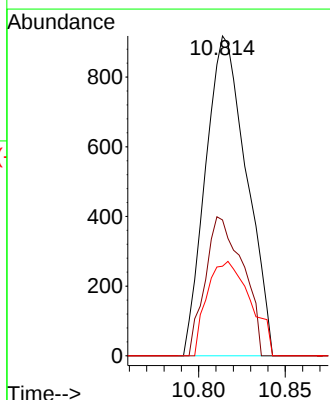
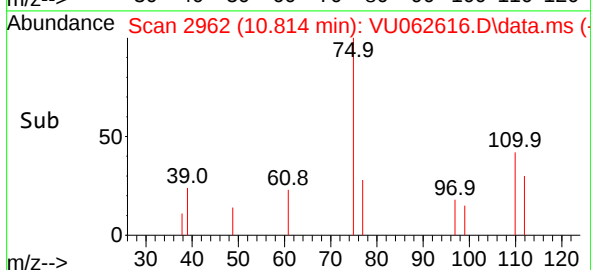
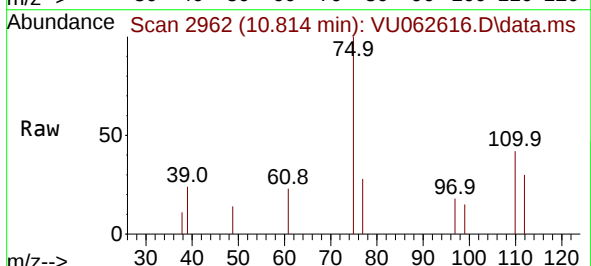
RT: 10.814 min Scan# 2962

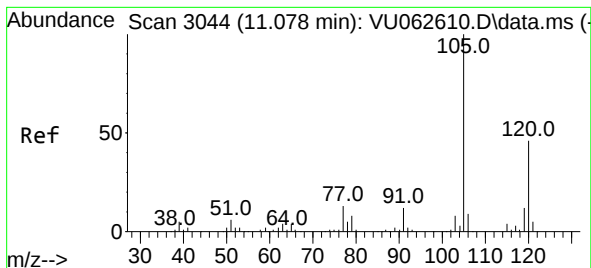
Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt Ion:	75	Resp:	1511
Ion	Ratio	Lower	Upper
75	100		
110	39.9	28.9	43.3
77	31.2	26.5	39.7





#62

1,3,5-Trimethylbenzene

Concen: 0.285 ug/L

RT: 11.084 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

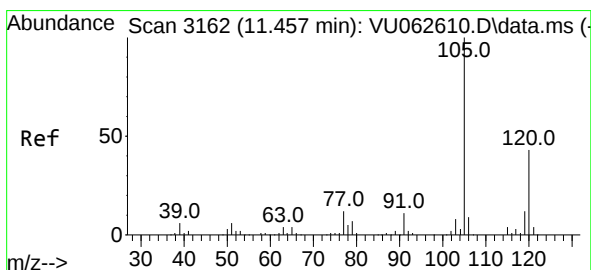
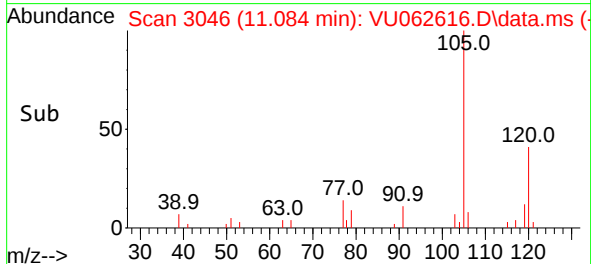
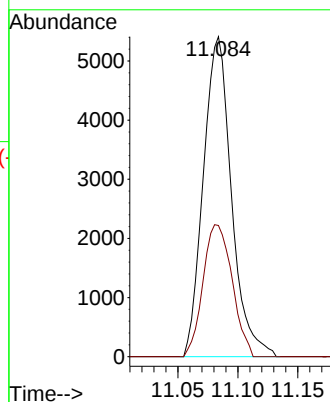
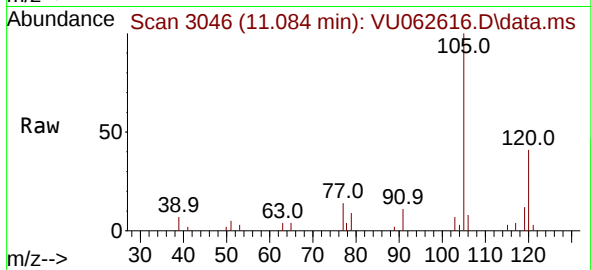
ClientSampleId :

Tgt Ion:105 Resp: 8827

Ion Ratio Lower Upper

105 100

120 42.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 0.262 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VU062616.D

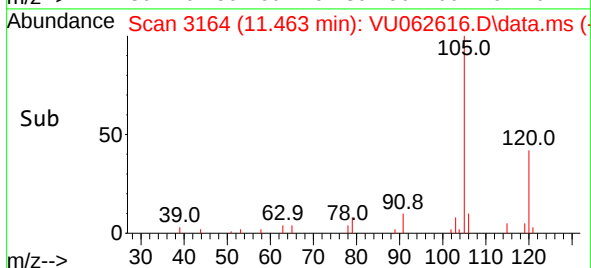
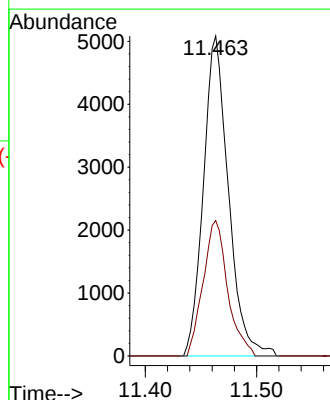
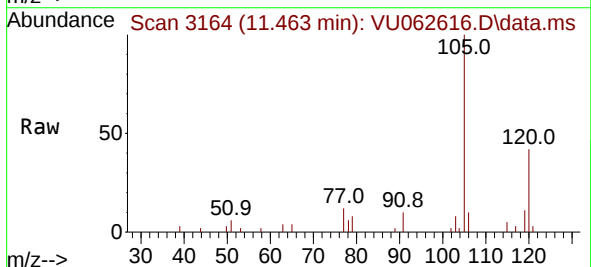
Acq: 27 Dec 2024 14:37

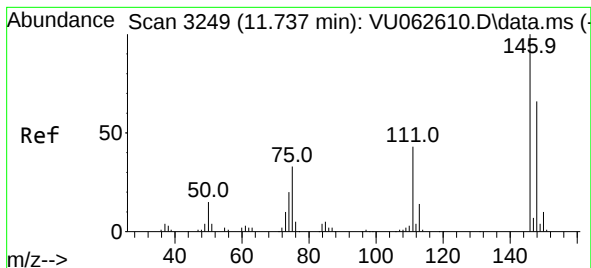
Tgt Ion:105 Resp: 7936

Ion Ratio Lower Upper

105 100

120 41.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 0.297 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

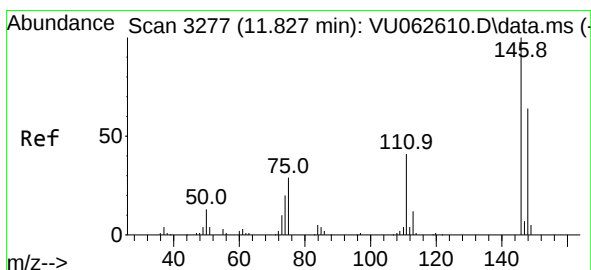
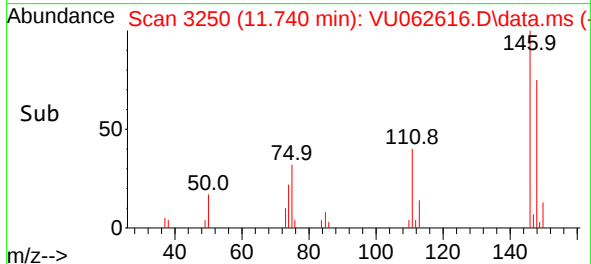
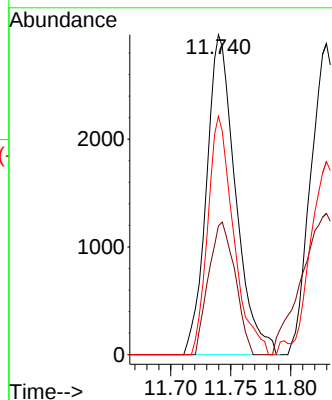
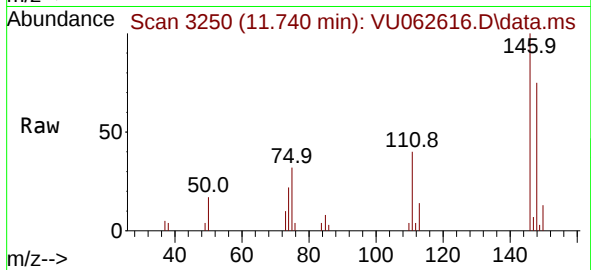
Tgt Ion:146 Resp: 4992

Ion Ratio Lower Upper

146 100

111 40.3 30.7 57.1

148 74.5 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 0.299 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

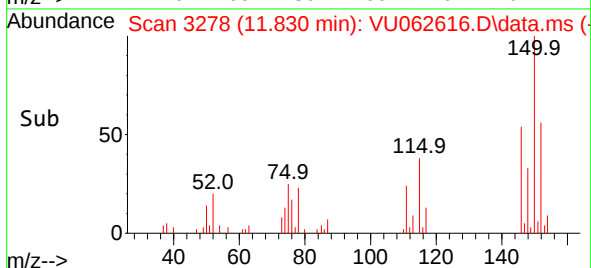
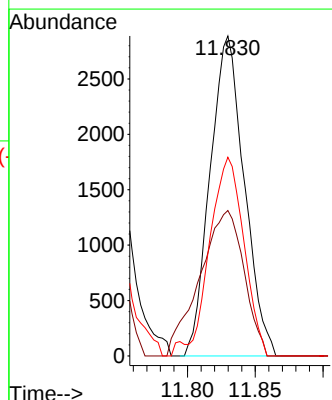
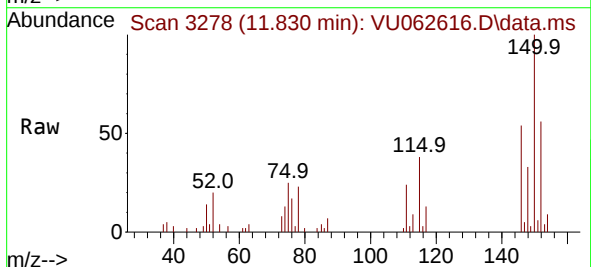
Tgt Ion:146 Resp: 5067

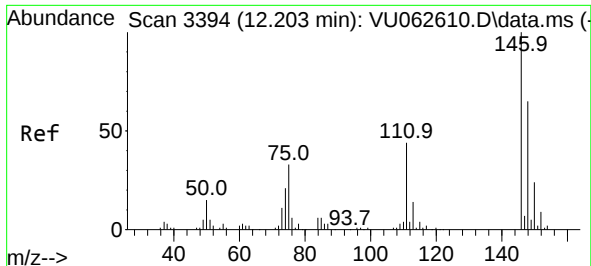
Ion Ratio Lower Upper

146 100

111 45.4 29.3 54.3

148 62.1 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.304 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

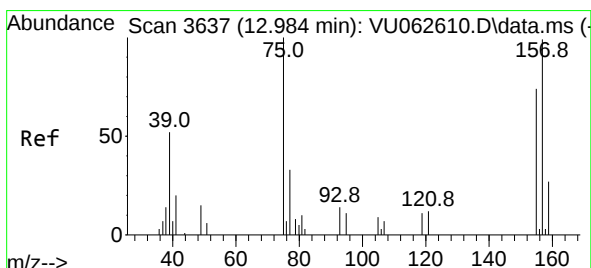
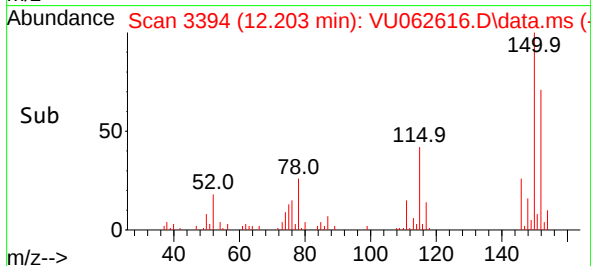
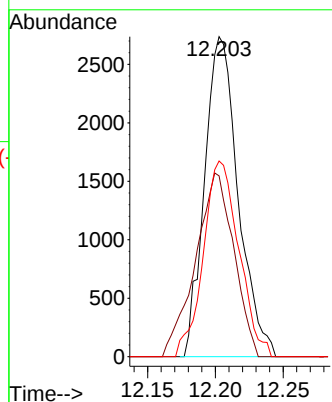
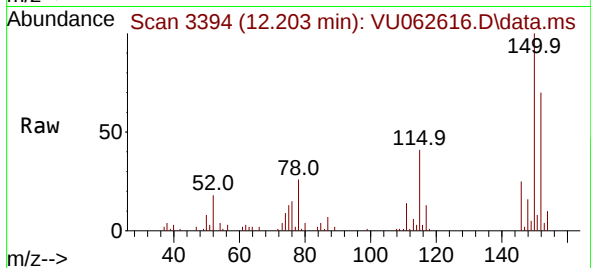
Tgt Ion:146 Resp: 4722

Ion Ratio Lower Upper

146 100

111 56.5 36.0 54.0#

148 61.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.217 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.013 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

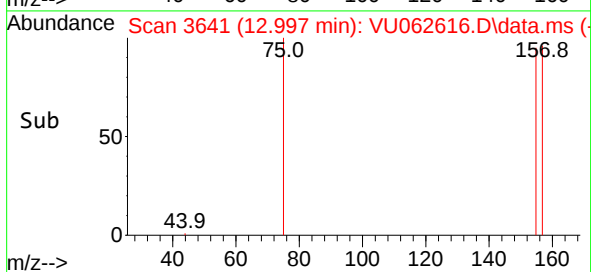
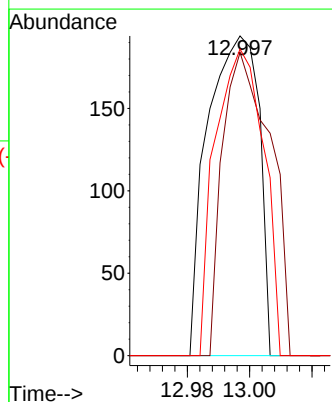
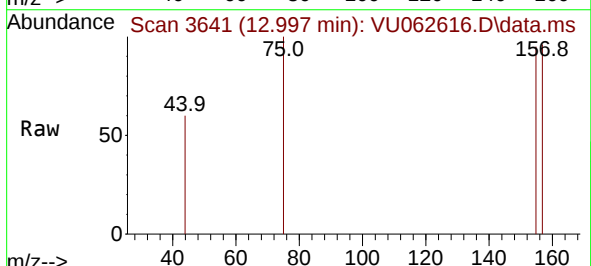
Tgt Ion: 75 Resp: 222

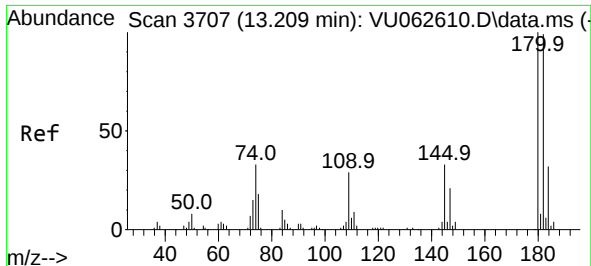
Ion Ratio Lower Upper

75 100

155 94.8 55.2 82.8#

157 95.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 0.292 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 3647

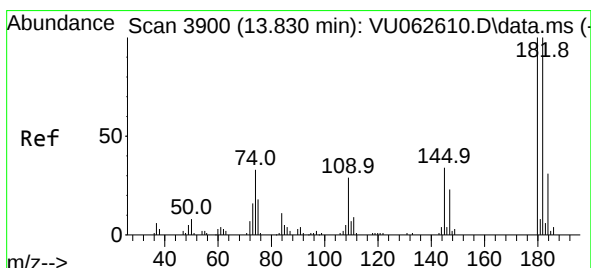
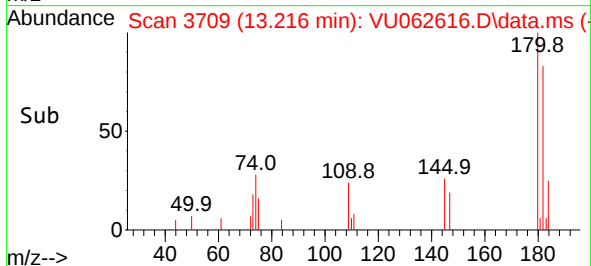
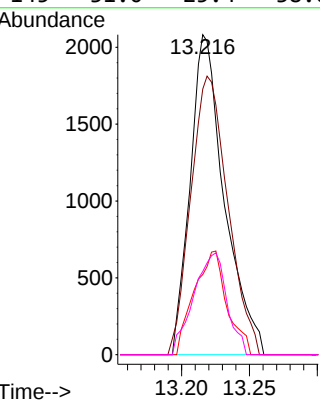
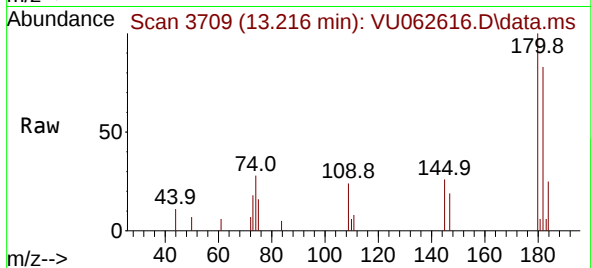
Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

184 31.2 24.8 37.2

145 31.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.302 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.013 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

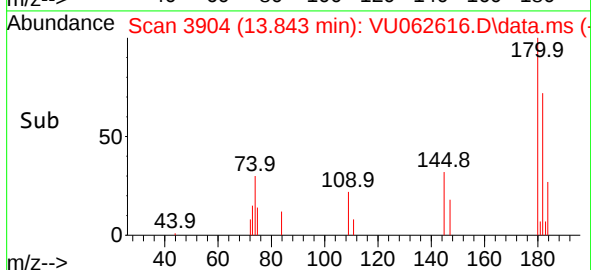
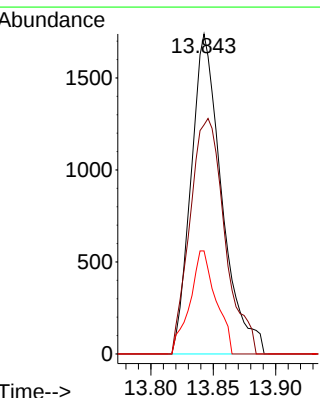
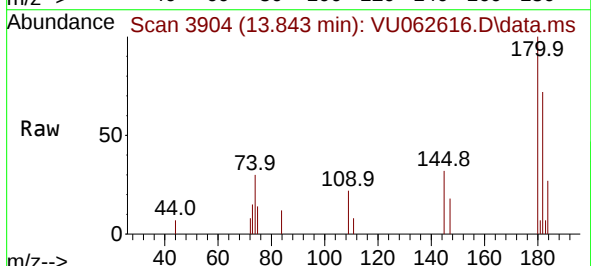
Tgt Ion:180 Resp: 2977

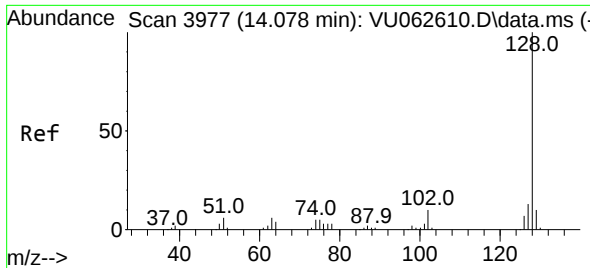
Ion Ratio Lower Upper

180 100

182 83.5 74.5 111.7

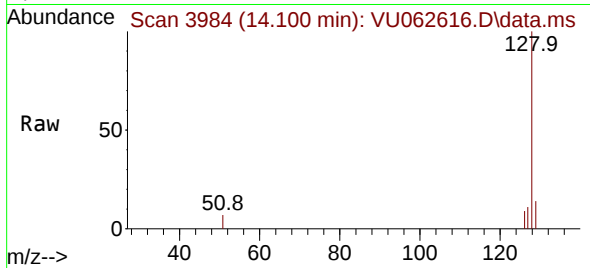
145 27.4 25.6 38.4



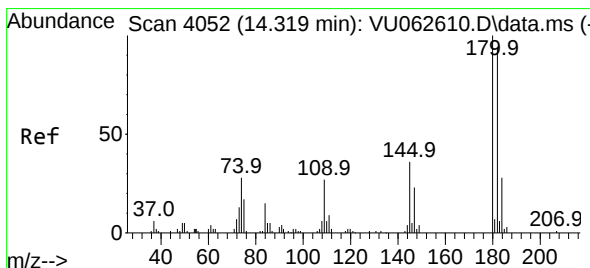
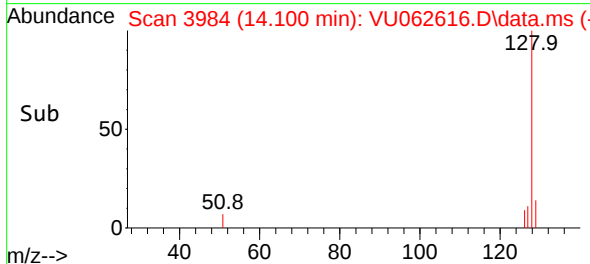
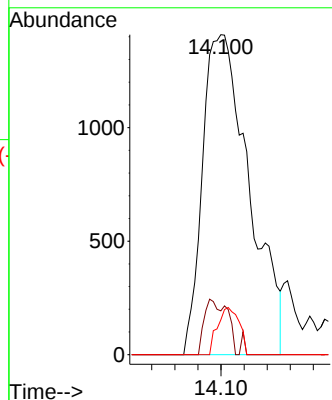


#71
Naphthalene
Concen: 0.267 ug/L
RT: 14.100 min Scan# 3977
Delta R.T. 0.022 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3954
Ion Ratio Lower Upper
128 100
129 8.5 8.5 12.7#
127 6.8 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.289 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.009 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion:180 Resp: 2512
Ion Ratio Lower Upper
180 100
182 99.8 76.1 114.1
145 32.3 27.4 41.0

