

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060254.D
 Acq On : 29 Jul 2024 16:27
 Operator : MD/SY
 Sample : P3344-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:23:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	128968	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35620	3.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	36098	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	13656	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.621	46	148505	70.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.580%#
24) Chloroform-d	5.055	84	97287	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.695	65	46325	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.721	84	155156	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	59671	5.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.894	98	115065	3.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.177	79	18764	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.627	63	111615	63.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58463	5.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	55128	5.323	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2169	0.184	ug/L	99
5) Vinyl chloride	1.602	62	67363	5.101	ug/L	100
12) 1,1-Dichloroethene	2.576	96	7118	0.723	ug/L #	23
13) Acetone	2.634	43	9900	7.134	ug/L	91
14) Carbon disulfide	2.792	76	2898	0.101	ug/L	100
16) Methylene chloride	3.039	84	35798	2.966	ug/L	93
18) trans-1,2-Dichloroethene	3.348	96	8757	0.855	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	400324	34.905	ug/L	94
25) Chloroform	5.081	83	166443	7.784	ug/L	99
34) Trichloroethene	6.538	95	69729	5.803	ug/L	95
37) 1,2-Dichloropropane	6.685	63	6312	0.516	ug/L #	88
40) 4-Methyl-2-pentanone	7.792	43	7461	1.378	ug/L #	85
42) Toluene	7.965	91	660273	13.696	ug/L	99
45) 1,1,2-Trichloroethane	8.547	97	2008	0.215	ug/L #	1
47) Tetrachloroethene	8.547	164	237101	23.866	ug/L	94
49) Dibromochloromethane	8.547	129	236317	22.843	ug/L #	10
52) Ethylbenzene	9.570	91	4821	0.100	ug/L	95
53) m,p-Xylene	9.695	106	4871	0.262	ug/L	94
54) o-Xylene	10.103	106	2103	0.118	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
Data File : VU060254.D
Acq On : 29 Jul 2024 16:27
Operator : MD/SY
Sample : P3344-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 30 04:23:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 30 04:21:24 2024
Response via : Initial Calibration

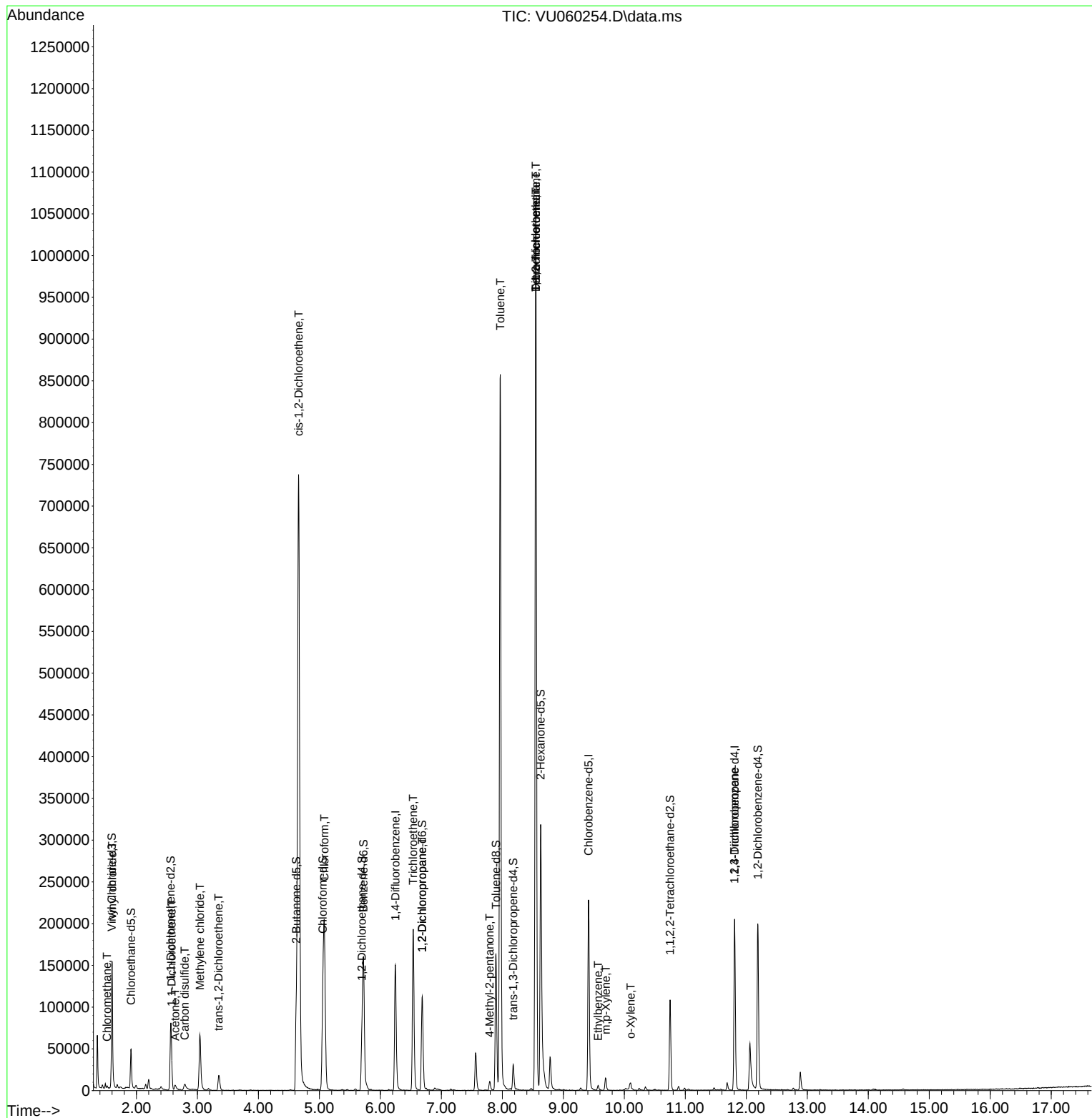
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.804	75	6670	1.103	ug/L	# 65

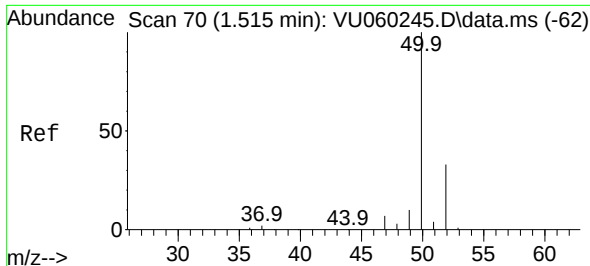
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
Data File : VU060254.D
Acq On : 29 Jul 2024 16:27
Operator : MD/SY
Sample : P3344-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 30 04:23:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 30 04:21:24 2024
Response via : Initial Calibration



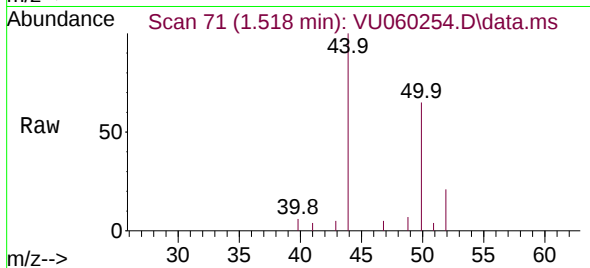


#3
Chloromethane
Concen: 0.184 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

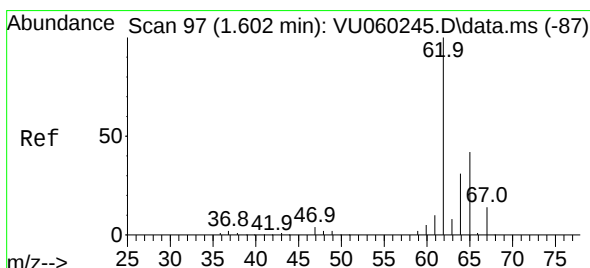
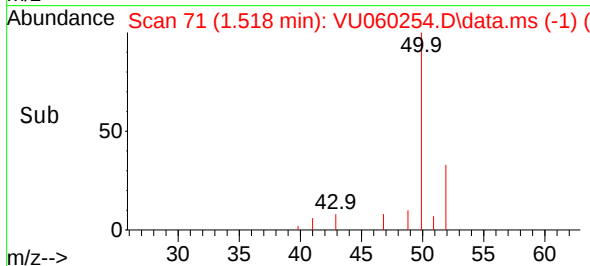
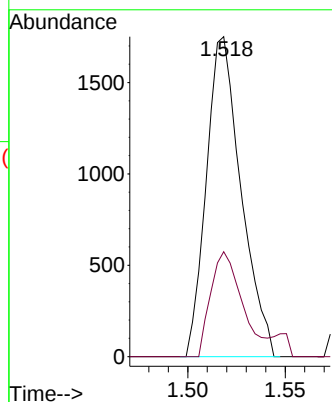
Instrument :

MSVOA_U

ClientSampleId :

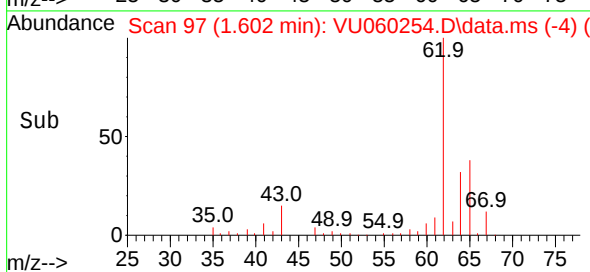
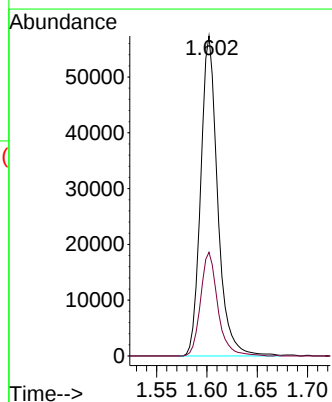
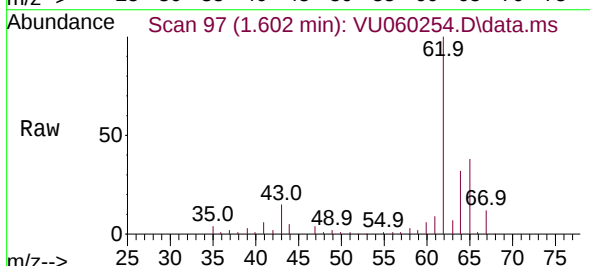


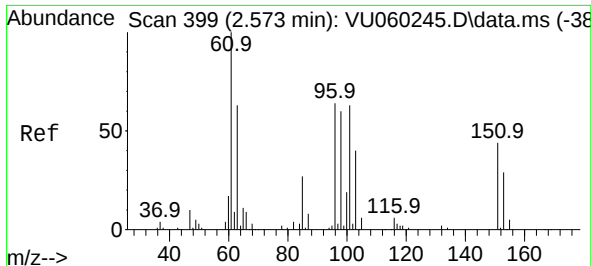
Tgt Ion: 50 Resp: 2169
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4



#5
Vinyl chloride
Concen: 5.101 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

Tgt Ion: 62 Resp: 67363
Ion Ratio Lower Upper
62 100
64 32.4 22.8 42.4

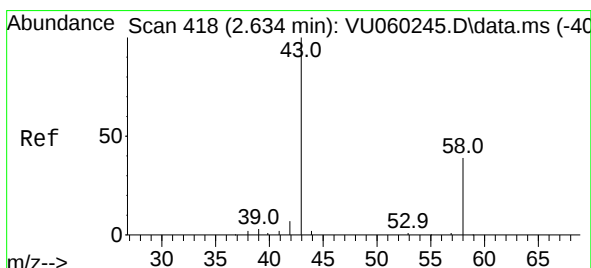
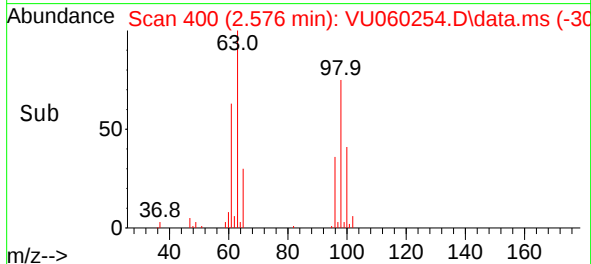
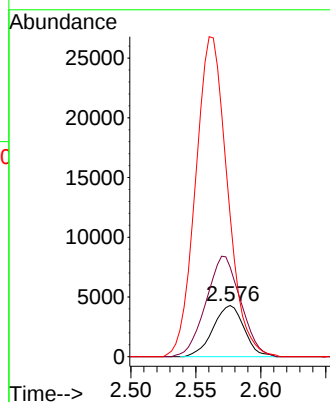
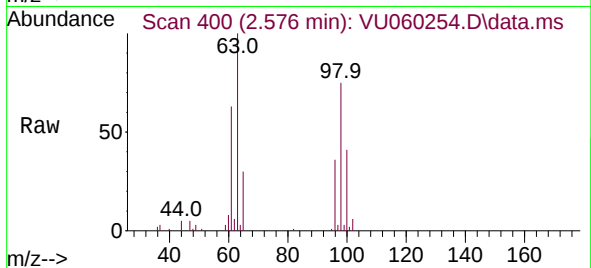




#12
1,1-Dichloroethene
Concen: 0.723 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

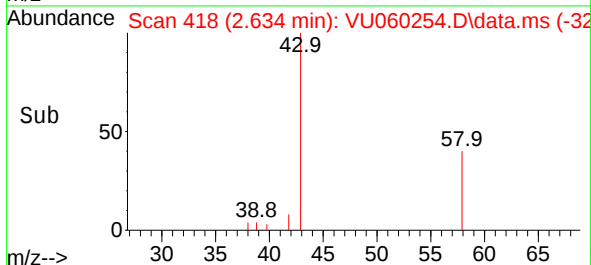
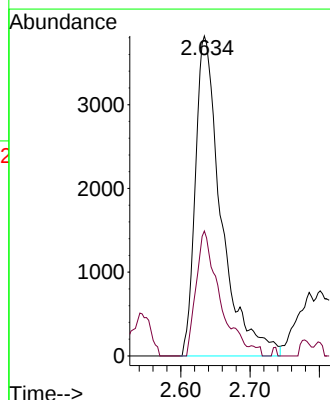
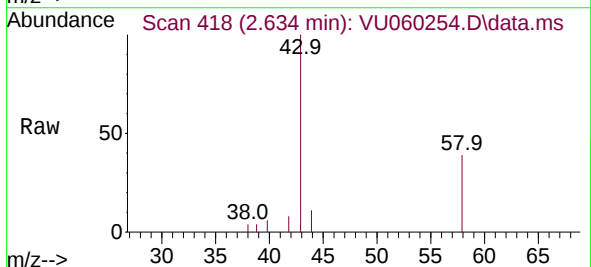
Instrument :
MSVOA_U
ClientSampleId :

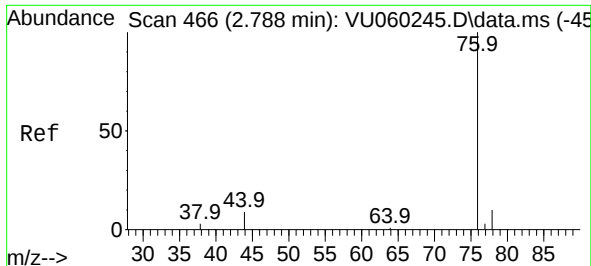
Tgt Ion: 96 Resp: 7118
Ion Ratio Lower Upper
96 100
61 175.3 107.0 198.6
63 276.9 76.4 142.0#



#13
Acetone
Concen: 7.134 ug/L
RT: 2.634 min Scan# 418
Delta R.T. 0.000 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

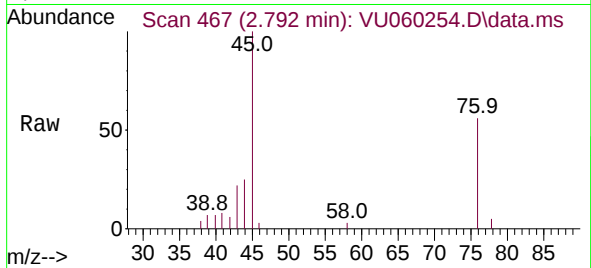
Tgt Ion: 43 Resp: 9900
Ion Ratio Lower Upper
43 100
58 35.3 0.0 82.2



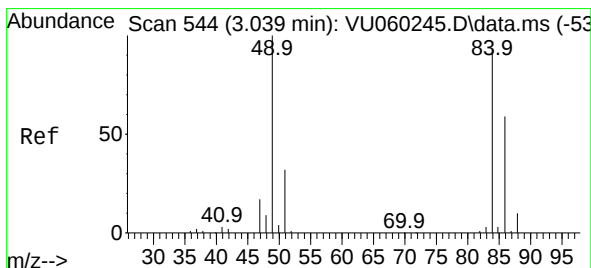
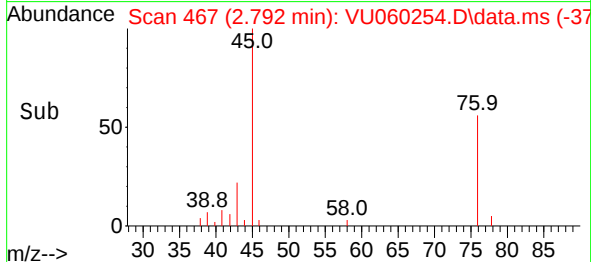
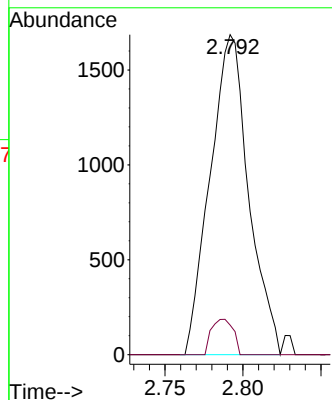


#14
Carbon disulfide
Concen: 0.101 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

Instrument :
MSVOA_U
ClientSampleId :

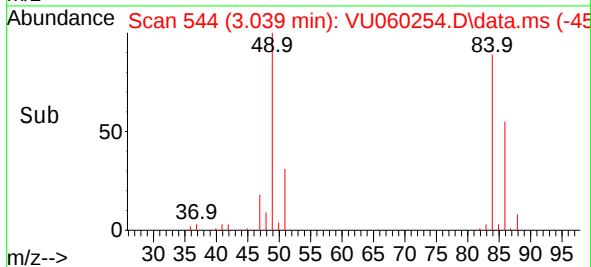
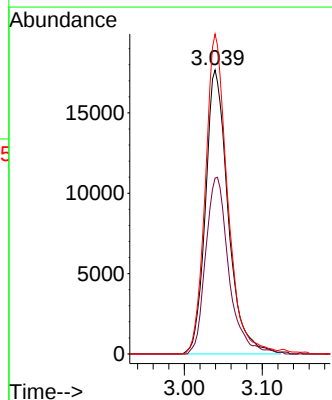
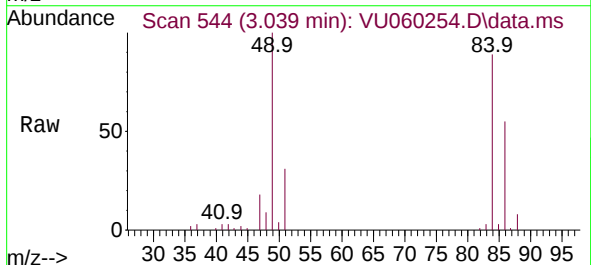


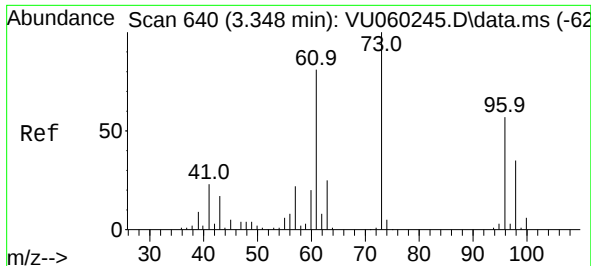
Tgt Ion: 76 Resp: 2898
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#16
Methylene chloride
Concen: 2.966 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

Tgt Ion: 84 Resp: 35798
Ion Ratio Lower Upper
84 100
86 61.9 44.4 82.5
49 112.7 72.0 133.6





#18

trans-1,2-Dichloroethene

Concen: 0.855 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

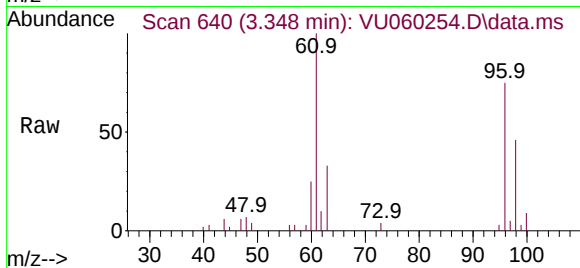
Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :



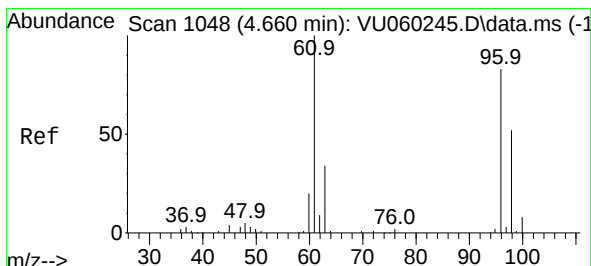
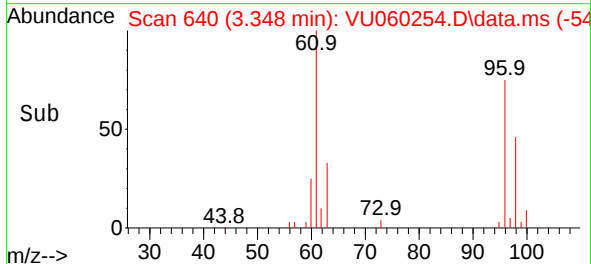
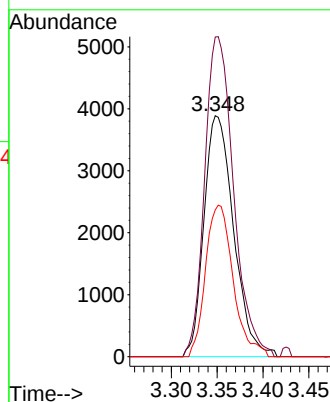
Tgt Ion: 96 Resp: 8757

Ion Ratio Lower Upper

96 100

61 132.7 91.6 170.0

98 60.9 47.7 88.5



#22

cis-1,2-Dichloroethene

Concen: 34.905 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

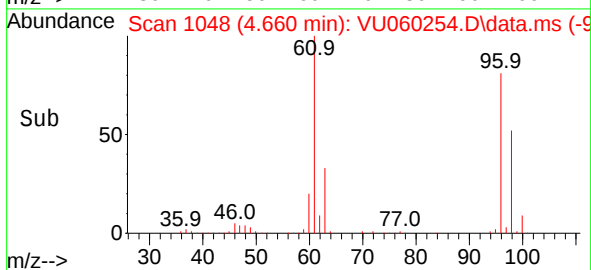
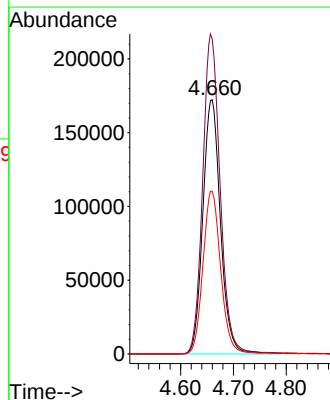
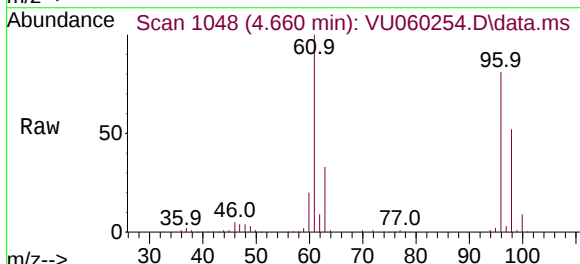
Tgt Ion: 96 Resp: 400324

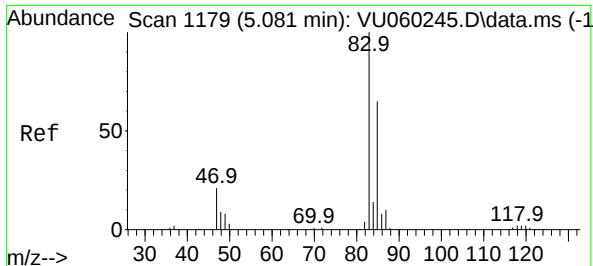
Ion Ratio Lower Upper

96 100

61 124.0 80.2 148.9

98 64.0 44.7 83.1

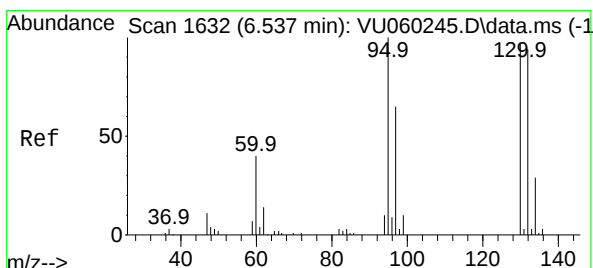
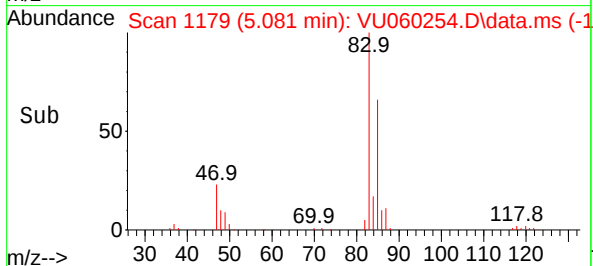
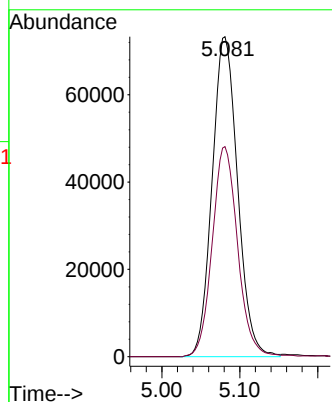
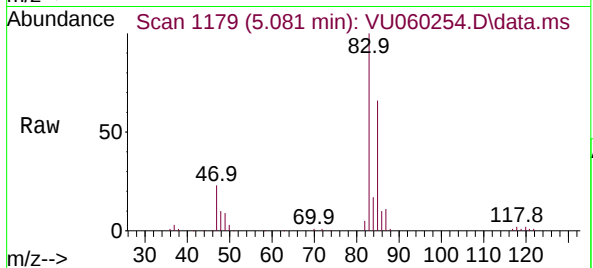




#25
Chloroform
Concen: 7.784 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

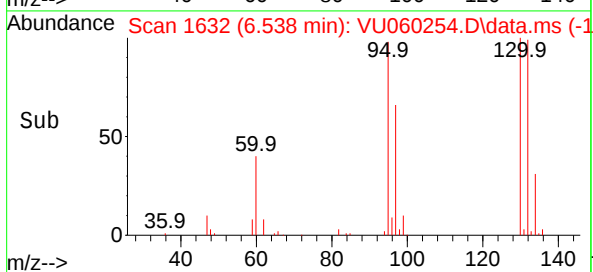
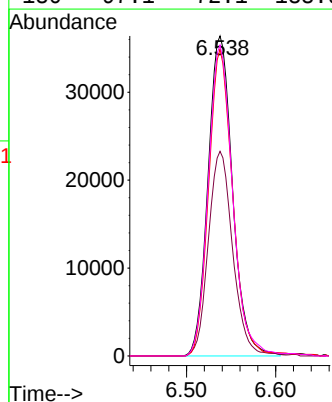
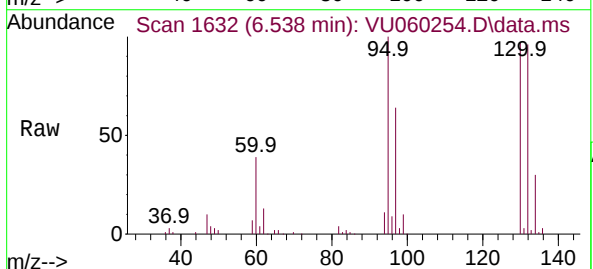
Instrument :
MSVOA_U
ClientSampleId :

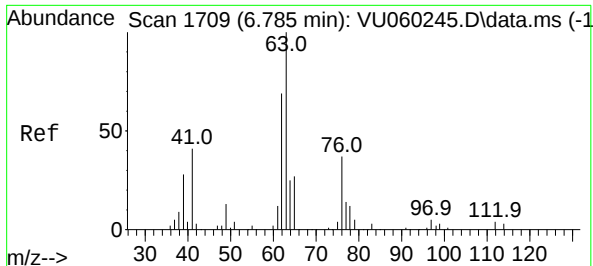
Tgt Ion: 83 Resp: 166443
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2



#34
Trichloroethene
Concen: 5.803 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

Tgt Ion: 95 Resp: 69729
Ion Ratio Lower Upper
95 100
97 64.0 45.9 85.3
132 95.9 71.4 132.6
130 97.1 72.1 133.9

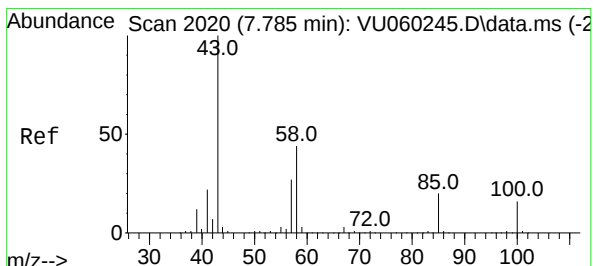
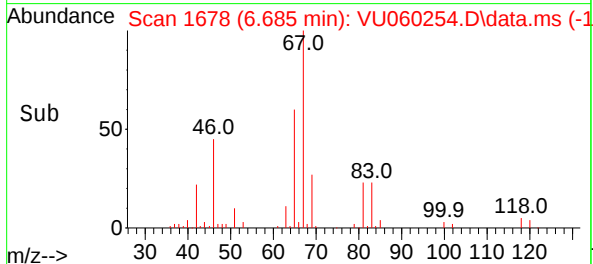
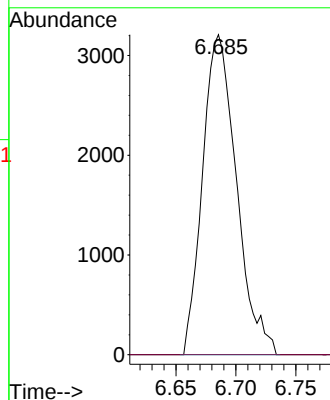
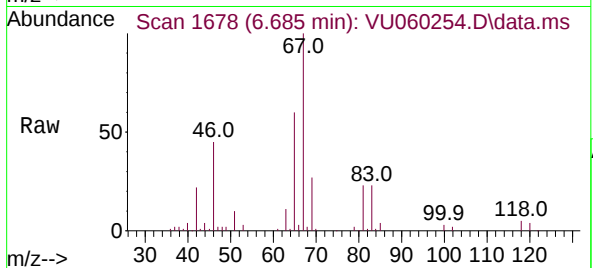




#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

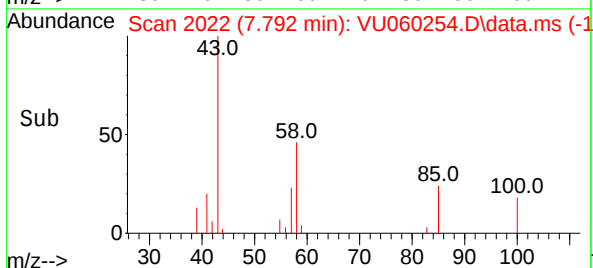
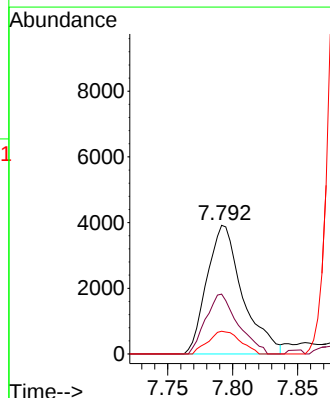
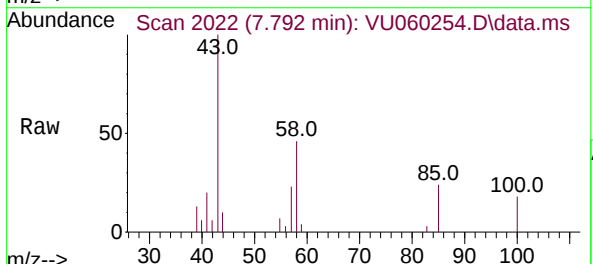
Instrument :
MSVOA_U
ClientSampleId :

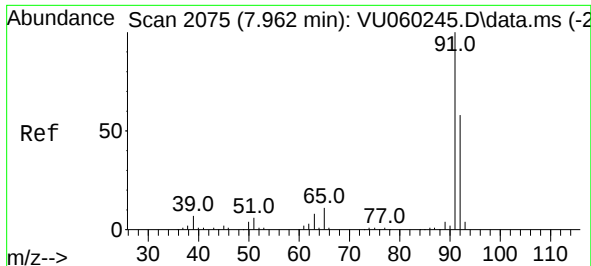
Tgt Ion: 63 Resp: 6312
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#40
4-Methyl-2-pentanone
Concen: 1.378 ug/L
RT: 7.792 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

Tgt Ion: 43 Resp: 7461
Ion Ratio Lower Upper
43 100
58 42.1 36.0 54.0
100 0.0 14.9 22.3#





#42

Toluene

Concen: 13.696 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

Instrument :

MSVOA_U

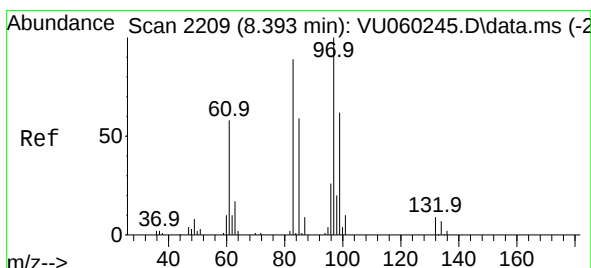
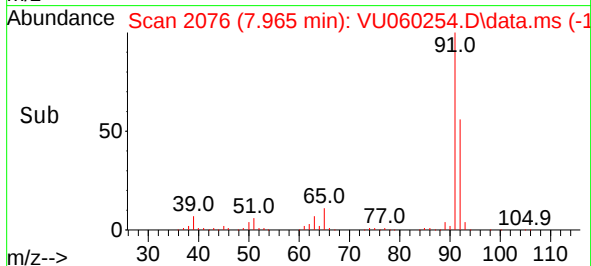
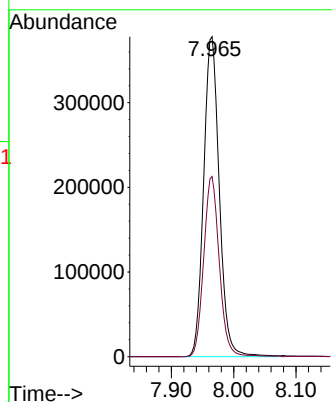
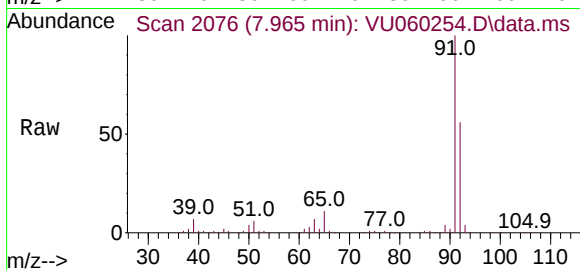
ClientSampleId :

Tgt Ion: 91 Resp: 660273

Ion Ratio Lower Upper

91 100

92 56.3 39.8 73.8



#45

1,1,2-Trichloroethane

Concen: 0.215 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

Tgt Ion: 97 Resp: 2008

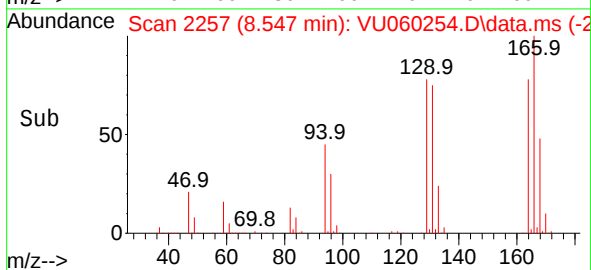
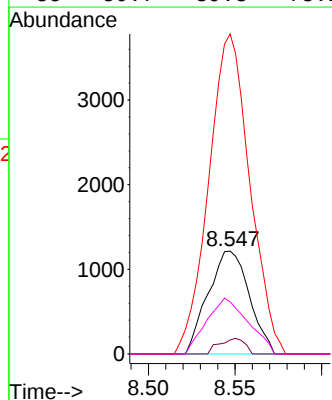
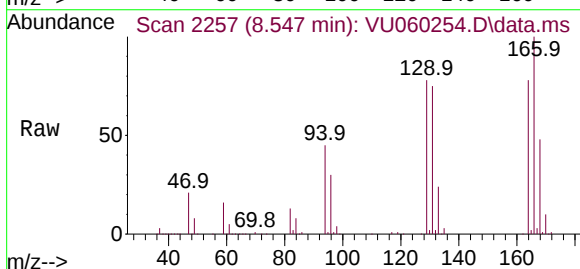
Ion Ratio Lower Upper

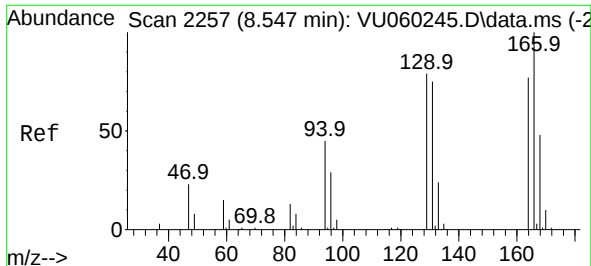
97 100

99 13.5 43.8 81.4#

83 310.9 62.1 115.3#

85 50.7 39.3 73.1





#47

Tetrachloroethene

Concen: 23.866 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 237101

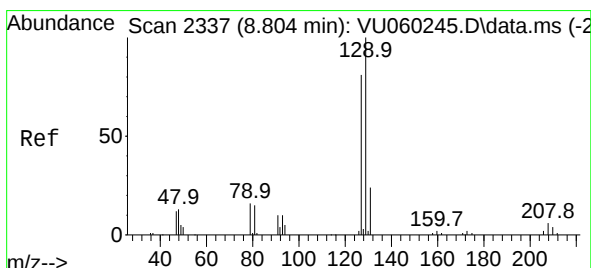
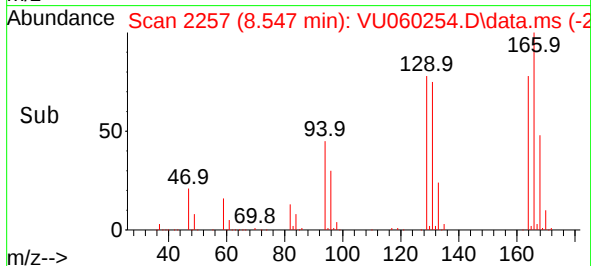
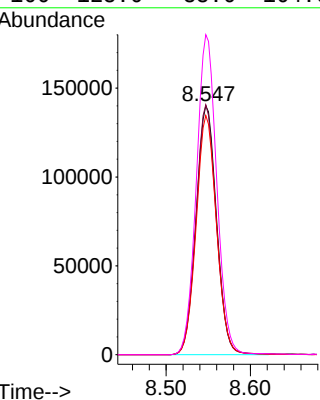
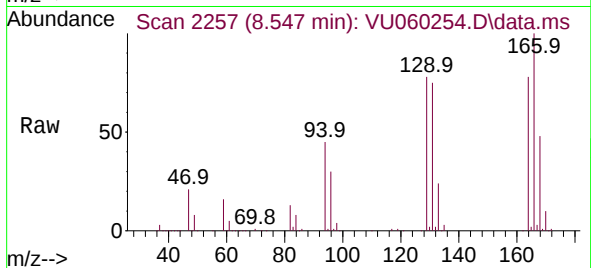
Ion Ratio Lower Upper

164 100

129 100.4 64.6 120.0

131 96.1 61.2 113.8

166 128.6 88.6 164.6



#49

Dibromochloromethane

Concen: 22.843 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU060254.D

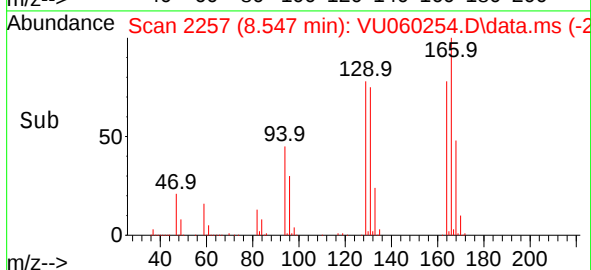
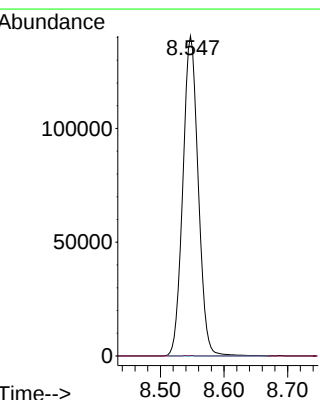
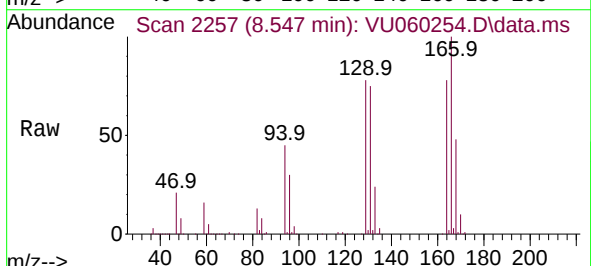
Acq: 29 Jul 2024 16:27

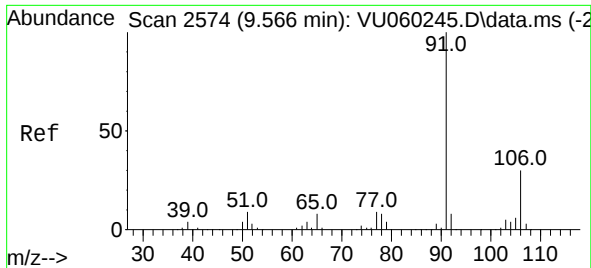
Tgt Ion:129 Resp: 236317

Ion Ratio Lower Upper

129 100

127 0.1 54.6 101.4#

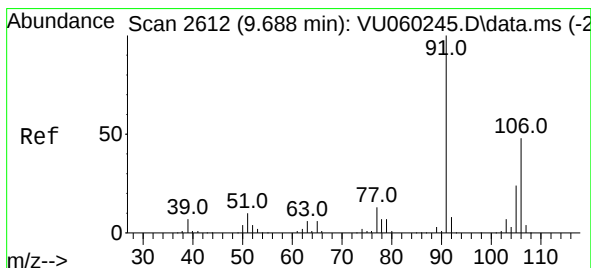
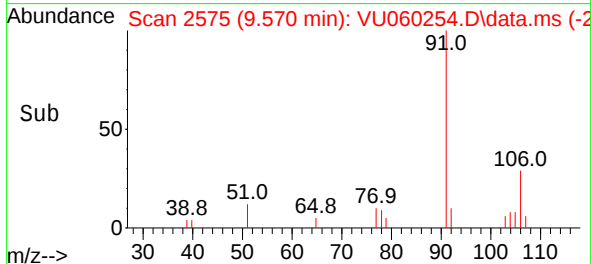
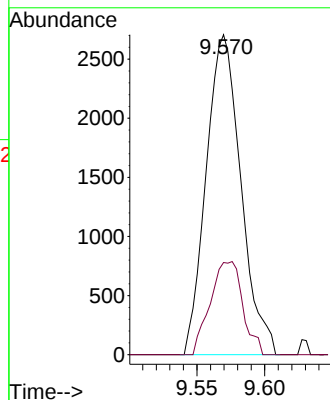
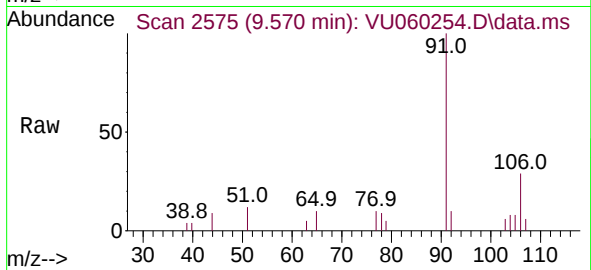




#52
Ethylbenzene
Concen: 0.100 ug/L
RT: 9.570 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

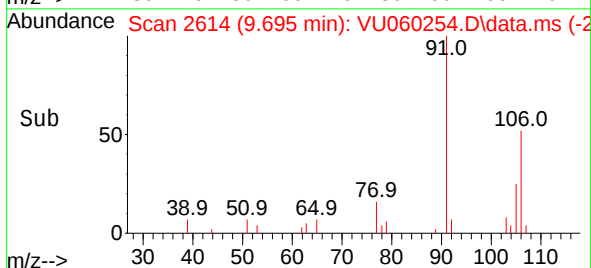
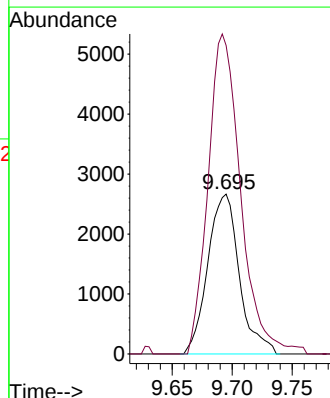
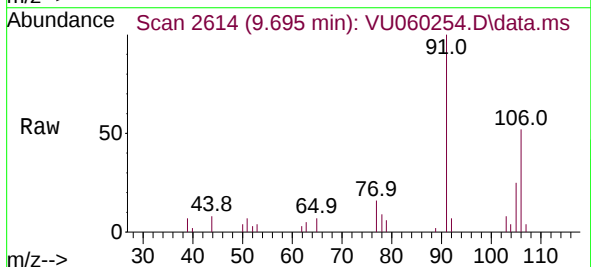
Instrument :
MSVOA_U
ClientSampleId :

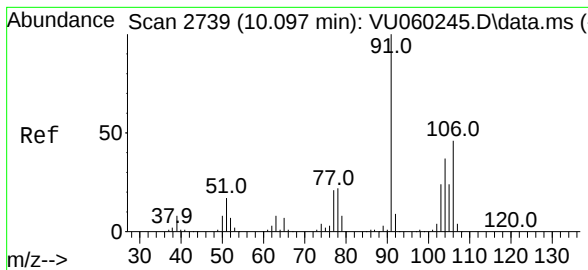
Tgt Ion: 91 Resp: 4821
Ion Ratio Lower Upper
91 100
106 28.8 21.9 40.7



#53
m,p-Xylene
Concen: 0.262 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU060254.D
Acq: 29 Jul 2024 16:27

Tgt Ion:106 Resp: 4871
Ion Ratio Lower Upper
106 100
91 192.9 141.3 262.5





#54

o-Xylene

Concen: 0.118 ug/L

RT: 10.103 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

Instrument :

MSVOA_U

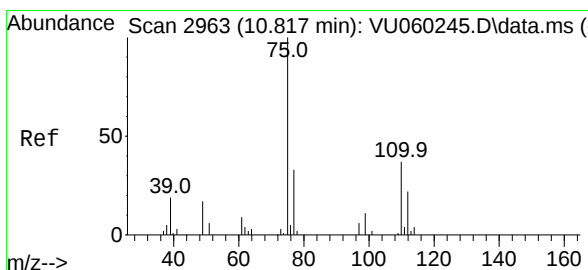
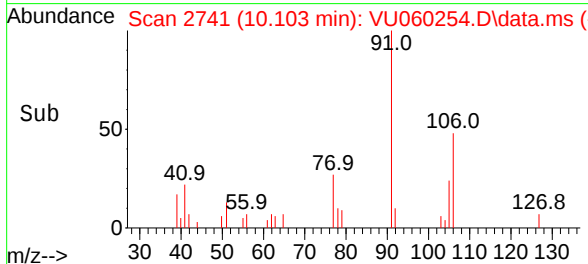
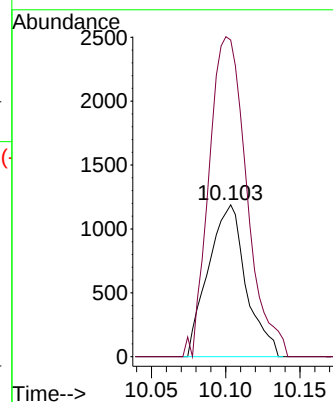
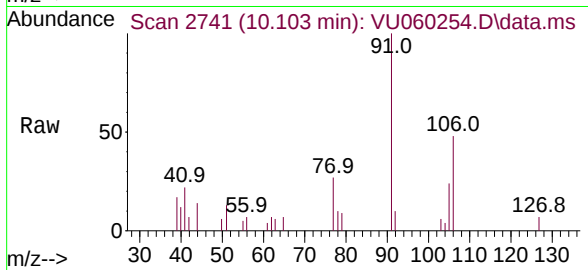
ClientSampleId :

Tgt Ion:106 Resp: 2103

Ion Ratio Lower Upper

106 100

91 208.5 143.6 266.6



#61

1,2,3-Trichloropropane

Concen: 1.103 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU060254.D

Acq: 29 Jul 2024 16:27

Tgt Ion: 75 Resp: 6670

Ion Ratio Lower Upper

75 100

110 0.6 30.8 46.2#

77 31.4 26.2 39.2

